

LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
1362 Rutan Court, Suite 100
Livermore, CA 94551

BOARD OF DIRECTORS MEETING

BOARD MEMBERS

KARLA BROWN – CHAIR
GINA BONANNO
KATHY NARUM
BRITTNI KIICK

DAVID HAUBERT – VICE CHAIR
JEAN JOSEY
MELISSA HERNANDEZ

Agenda Questions: Please call the Interim Executive Director at (925) 455-7566 or send an email to frontdesk@lavta.org

Documents received after publication of the Agenda and considered by the Board of Directors in its deliberation will be available for inspection only via electronic document transfer, due to the COVID-19 outbreak. See the COVID-19 provisions outlined below. Please call or email the Interim Executive Director during normal business hours if you require access to any such documents.

TELECONFERENCE

JUNE 6, 2022 – 4:00 PM

**CORONAVIRUS DISEASE (COVID-19) ADVISORY
AND MEETING PROCEDURE**

This meeting will proceed via teleconference in accordance with Government Code Section 54953(e)(2), in order to protect the health and safety of staff, officials, and the general public. Councilmembers will not be physically in attendance, but will be available via video conference.

The administrative office of Livermore Amador Valley Transit Authority (LAVTA) is currently closed to the public and will remain closed for the duration of the Board of Directors (BOD) meeting. Consequently, there will be no physical location for members of the public to participate in the meeting. We encourage members of the public to shelter in place and access the meeting online using the web-video communication application, Zoom. Zoom participants will have the opportunity to speak during Public Comment.

Public comments will also be accepted via email until 1:00 p.m. on Monday, June 6, 2022 at frontdesk@lavta.org. Please include “Public Comment – 6/6/2022” and the agenda item in the subject line. In the body of the email please include your name. Public comments submitted will be read during Public Comment and will be subject to the regular three-minute time restriction.

This Board of Directors meeting will be conducted on the web-video communication platform, Zoom. In order to view and/or participate in this meeting, members of the public will need to download Zoom from its website, www.zoom.us.

It is recommended that anyone wishing to participate in the meeting complete the download process before the start of the meeting.

There will be zero tolerance for any person addressing the Board making profane, offensive and disruptive remarks, or engaging in loud, boisterous, or other disorderly conduct, that disrupts the orderly conduct of the public meeting.

How to listen and view meeting video:

- From a PC, Mac, iPad, iPhone or Android device click the link below:
<https://zoom.us/j/86715841855>
Passcode: BOD1362Mtg
- To supplement a PC, Mac, tablet or device without audio, please also join by phone:
Dial: 1 (669) 900-6833
Webinar ID: 867 1584 1855
Passcode: 761222

To comment by video conference, click the “Raise Your Hand” button to request to speak when Public Comment is being taken on the Agenda item. You will then be unmuted when it is your turn to make your comment for up to 3 minutes. After the allotted time, you will be muted.

- Livestream online at: [Livermore Amador Valley Transit Authority YouTube Channel](#)

No option to make Public Comment on YouTube live stream.

How to listen only to the meeting:

- For audio access to the meeting by telephone, use the dial-in information below:
Dial: 1 (669) 900-6833
Webinar ID: 867 1584 1855
Passcode: 761222

*Please note to submit public comment via telephone dial *9 on your dial pad. The meeting’s host will be informed that you would like to speak. If you are chosen, you will be notified that your request has been approved and you will be allowed to speak. You will then dial *6 to unmute when it is your turn to make your comment for up to 3 minutes. After the allotted time, you will be muted.*

To submit written comments:

- Provide public written comments prior to the meeting by email, to frontdesk@lavta.org

If you are submitting public comment via email, please do so by 1:00 p.m. on Monday, June 6, 2022 to frontdesk@lavta.org. Please include “Public Comment 6/6/2022” and the agenda item to which your comment applies in the subject line. In the body of the email please include your name. Public comments submitted will be read during Public Comment and will be subject to the regular three-minute time restriction.

1. Call to Order

2. Roll Call of Members

3. Meeting Open to Public

- Members of the audience may address the Board of Directors on any matter within the general subject matter jurisdiction of the LAVTA Board of Directors.
- Unless members of the audience submit speaker forms before the start of the meeting requesting to address the board on specific items on the agenda, all comments must be made during this item of business. Speaker cards are available at the entrance to the meeting room and should be submitted to the Board secretary.
- Public comments should not exceed three (3) minutes.
- Items are placed on the Agenda by the Chairman of the Board of Directors, the Executive Director, or by any three members of the Board of Directors. Agendas are published 72 hours prior to the meeting.
- No action may be taken on matters raised that are not on the Agenda.
- For the sake of brevity, all questions from the public, Board and Staff will be directed through the Chair.

4. May Tri-Valley Accessible Advisory Committee Minutes

5. Consent Agenda

Recommend approval of all items on Consent Agenda as follows:

- A. **Minutes of the May 2, 2022 Board of Directors meeting and May 23, 2022 Special Board of Directors meeting.**

- B. **Treasurer's Report for April 2022**

Recommendation: The Finance and Administration committee recommends approval of the LAVTA Treasurer's Report for April 2022.

- C. **Adoption of a Resolution Declaring that Agency Meetings Will Continue to Be Held Via Teleconference**

Recommendation: Staff recommends that the Board of Directors adopt Resolution 27-2022 declaring that LAVTA meetings will continue to be held via teleconference.

- D. **Short Range Transit Plan 2022-2027**

Recommendation: Approve the 2022-2027 Short Range Transit Plan and forward to the Metropolitan Transportation Commission.

- E. **TAAC Appointments for Terms Starting July 2022**

Recommendation: Staff recommends the Board of Directors ratify the TAAC appointments for terms starting on July 1, 2022.

F. Exercise the Second Option Year of the Contract with MV Transportation

Recommendation: The Finance and Administration Committee recommends to the Board of Directors to approve Modification 3 to contract with MV, authorizing the Interim Executive Director to exercise the second option year and extend the fixed route operations and maintenance services contract from July 1, 2022 through June 30, 2023.

G. Contract Award for LAVTA On-Call ZEB Consulting Services

Recommendation: The Project and Services Committee recommends that the LAVTA Board of Director authorize the Interim Executive Director to execute three-year contracts with two one-year options with CTE and Zen for on-call ZEB consulting services. Task orders will be awarded based on the most-qualified firm for each scope or work.

H. LAVTA Rutan Landscaping Construction Project

Recommendation: The Finance and Administration Committee recommends that the Board of Directors approve Resolution 26-2022, authorizing the Interim Executive Director to execute a change order with Westside Landscape and Concrete, Inc. for the Rutan Landscaping Construction project.

I. LAVTA Annual Salary Band Review

Recommendation: The Finance and Administration Committee recommends approval of the attached Resolution 25-2022 adjusting the salary bands for LAVTA positions.

J. One Year Extension to Legal Services Agreement with Hanson Bridgett LLP

Recommendation: The Finance and Administration Committee recommend that the Board exercise an option year and extend the legal services agreement from July 1, 2022 through June 30, 2023.

K. Approval of Updated Public Transportation Agency Safety

Recommendation: The Projects and Services Committee recommends the Board of Directors approve the updated PTASP document.

6. Paratransit Operations and Maintenance Contract

Recommendation: Staff recommends that the Board of Directors authorize the Interim Executive Director to enter into an MOU with Central Contra Costa Transit Authority (CCCTA) and award a joint Paratransit Operations and Maintenance (O&M) Contract to Transdev, for a period of four base years with one additional option year, commencing on July 1, 2022.

7. Election of LAVTA Chair and Vice Chair

Recommendation: Nominate and elect a LAVTA Board Chair and Vice Chair for FY23 in accordance with the agency's bylaws.

8. Interim Executive Director's Report

9. Matters Initiated by the Board of Directors

- Items may be placed on the agenda at the request of three members of the Board.

10. Next Meeting Date is Scheduled for: July 11, 2022

11. Adjournment

Please refrain from wearing scented products (perfume, cologne, after-shave, etc.) to these meetings, as there may be people in attendance susceptible to environmental illnesses.

I hereby certify that this agenda was posted 72 hours in advance of the noted meeting.

/s/ Jennifer Suda

6/2/2022

LAVTA, Executive Assistant

Date

On request, the Livermore Amador Valley Transit Authority will provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. A written request, including name of the person, mailing address, phone number and brief description of the requested materials and preferred alternative format or auxiliary aid or service should be sent at least seven (7) days before the meeting. Requests should be sent to:

*Interim Executive Director
Livermore Amador Valley Transit Authority
1362 Rutan Court, Suite 100
Livermore, CA 94551
Fax: 925.443.1375
Email: frontdesk@lavta.org*

AGENDA

ITEM 4

LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
1362 Rutan Court, Suite 100
Livermore, CA 94551

Tri-Valley Accessible Advisory Committee

DATE: Wednesday, May 4, 2022

PLACE: Zoom Teleconference

TIME: 3:30 p.m.

DRAFT MINUTES

1. Call to Order

The TAAC Chair Herb Hastings called the meeting to order at 3:30 pm.

Members Present:

David Weir	City of Livermore
Judith LaMarre	City of Livermore
Michael Balero	City of Livermore – Alternate – joined at 3:35pm
Connie Mack	City of Dublin
Donna Singer	City of Dublin – Alternate
Carmen Rivera-Hendrickson	City of Pleasanton – joined at 3:51pm
Jeffrey Jacobsen	City of Pleasanton – Alternate
Herb Hastings	County of Alameda
Kulwant Singh	County of Alameda - Alternate
Diana Houghtaling	Social Services Member
Shay Roberson	Social Services Member
Esther Waltz	PAPCO Representative

Staff Present:

Toan Tran	LAVTA
Kadri Kulm	LAVTA
Johanna Duran	Transdev
Juana Lopez	Transdev
Rashida Kamara	County Connection
Christian Pereira	MV Transit

2. Roll Call

3. **Approval of Agenda and Modifications in necessary**
Waltz/Mack
4. **Citizens' Forum: An opportunity for members of the audience to comment on a subject not listed on the agenda (under state law, no action may be taken at this meeting)**
None.
5. **Minutes of the March 2, 2021 meetings of the Committee**
Approved.
LaMarre/Waltz
6. **Chair Report**
Chair Hasting informed the committee of his recent participation at a Wheels Fixed Route (MV) Safety Meeting, which included him talking to drivers about the TAAC pass and driver sensitivity training. He said that the next time a wheelchair user will attend the safety meeting. Chair Hasting also had connected with the Project Engineer for Valley LINK and plans on having a meeting with him soon. He would like to get involved in the project to make sure everything is accessible.
7. **RFP Update**
Staff updated the committee that interviews have been conducted and the winning contractor will start providing the service on July 1, 2022.
8. **TAAC Recruitment**
LAVTA received 12 applications for 13 open TAAC member and alternate positions for terms starting FY23. Committee members reviewed the applications.
9. **PAPCO Report**
Esther Waltz updated the committee on the PAPCO sub-committee's Annual Paratransit Plan reviews for ACTC Measure BB funds. The sub-committee approved LAVTA's application. The next PAPCO meeting will take place in June.
10. **Service Updates and Concerns**
Carmen Rivera-Hendrickson reported an incident when she had exited a Route 3 bus due to the fumes she felt in the bus and made it hard for her to breathe. Christian Pereira responded that after the investigation process it was concluded these may have been fumes coming off of the high temperature exhaust caused by the Regen process that the buses have. Regen process captures the carbon that

is in the exhaust system and then cooks it at high heat. This produces lower carbon particulates that are passed through the exhaust.

Judy LaMarre reported that on Easter Sunday DAR got her to the church late.

11. Adjournment

Meeting adjourned at 4:10 pm.

AGENDA

ITEM 5A

MINUTES OF THE MAY 2, 2022 ZOOM TELECONFERENCE
LAVTA BOARD OF DIRECTORS MEETING

1. Call to Order

Meeting was called to order by Board Chair Karla Brown at 4:02pm.

Board Chair Karla Brown informed the public that LAVTA's meeting is being conducted according to the COVID-19 rules that are detailed at the beginning of the agenda explaining why this is a Zoom teleconference.

2. Roll Call of Members

Members Present

David Haubert – County of Alameda
Jean Josey – City of Dublin
Melissa Hernandez – City of Dublin
Karla Brown – City of Pleasanton
Kathy Narum – City of Pleasanton
Gina Bonanno – City of Livermore
Brittini Kiick – City of Livermore

3. Meeting Open to Public

No comments.

4. Consent Agenda

Recommend approval of all items on Consent Agenda as follows:

A. Minutes of the April 4, 2022 Board of Directors meeting.

B. Treasurer's Report for March 2022

The Board of Directors approved the LAVTA Treasurer's Report for March 2022.

C. Adoption of a Resolution Declaring that Agency Meetings Will Continue to Be Held Via Teleconference

The Board of Directors adopted Resolution 20-2022 declaring that LAVTA meetings will continue to be held via teleconference.

D. Approval of Resolutions Authorizing Staff to Apply for TDA, STA, and RM2 funds for Fiscal Year 2022-2023

The Board of Directors approved Resolution 17-2022 and 18-2022, authorizing the filing of a claim with MTC for Allocation of TDA Article 4.0, 4.5, STA, and RM2 Funds for Fiscal Year 2022-2023.

[David Haubert, from County of Alameda, had Zoom connection issues during Agenda

Item 4a-4d.]

Approved: Josey/Kiick

Aye: Bonanno, Brown, Josey, Narum, Kiick, Hernandez

No: None

Abstain: None

Absent: Haubert

5. LAVTA's Operating & Capital Budget for FY 2023

[David Haubert, from County of Alameda, rejoined the Zoom meeting during Agenda Item 5.]

Staff reported that the FY 2023 budget increased over 14% largely due to contractor labor costs, fuel cost, and a new paratransit contract. For FY 2023 LAVTA budgeted fuel costs at \$4.50 per gallon for buses and \$6.00 for non-revenue vehicles. For FY 2023 and FY 2024 LAVTA has some Federal American Rescue Plan Act of 2021 (ARPA) funds available that will assist with revenue.

Staff took questions and comments from the Board of Directors regarding Agenda Item 5.

The Board of Directors approved the Operating and Capital Budget for FY 2023. Resolution 16-2022.

Approved: Kiick/Narum

Aye: Bonanno, Brown, Josey, Narum, Kiick, Hernandez, Haubert

No: None

Abstain: None

Absent: None

6. Request for a 3-month Pilot Extension of CCCTA/LAVTA Paratransit Programs

Staff reported that a joint Request for Proposal (RFP) with CCCTA was issued in January 2022 for ADA Paratransit Services. LAVTA planned to bring the contract award recommendation for the RFP to the Board of Directors meeting, but negotiations are still in progress with the selected vendor. LAVTA is hoping to have negotiation completed in the next few weeks and staff is requesting to extend the Memorandum of Understanding (MOU) for the Paratransit Pilot Program.

The Board of Directors approved Resolution 19-2022, authorizing the Interim Executive Director to extend the current MOU with CCCTA through June 30, 2022, after which the joint RFP process would conclude and a new contract would commence on July 1, 2022.

Approved: Haubert/Bonanno

Aye: Bonanno, Brown, Josey, Narum, Kiick, Hernandez, Haubert

No: None

Abstain: None

Absent: None

7. Executive Director's Report

Interim Executive Director Tamara Edwards reported that ridership has increased some and was impacted by Spring Break, since 50% of ridership are students. Interim Executive Director Tamara Edwards also highlighted the Rutan landscaping project, masks being optional for passengers, the Governor proposing 3-months of free transit, and the Dublin parking garage project.

Interim Executive Director Tamara Edwards took questions and comments from the Board of Directors regarding Agenda Item 7.

8. Adjourn to CLOSED SESSION

Meeting adjourned to closed session at 4:39pm

9. Closed Session pursuant to Government Code Section 54957(b): PUBLIC EMPLOYEE APPOINTMENT Title: Executive Director

10. Closed Session pursuant to Government Code Section 54957.6 CONFERENCE WITH LABOR NEGOTIATOR

Agency Representative: Michael Conneran, Legal Counsel

Unrepresented Employees: Interim Executive Director, Director of Planning and Marketing

11. Reconvene to OPEN SESSION

Meeting reconvened at 5:04pm.

12. Appointment of Interim Executive Director and Consideration of Modification to Terms of Employment with Interim Executive Director and Director of Planning and Marketing – ACTION

Legal Counsel Michael Conneran reported that the Board of Directors discussed the recruitment process for the new Executive Director and negotiations with staff regarding the interim filling of the roles. There are two actions: 1. The appointment of the Interim Executive Director, Tamara Edwards; 2. Adding a 7% salary increment to Tamara Edwards' deferred compensation plan and a 3% increment to Director of Planning and Marketing Tony McCaulay's salary or deferred compensation plan.

The Board of Directors approved appointing Tamara Edwards as Interim Executive Director. The Board of Directors also modified the terms of employment with a 7% salary increment to Tamara Edwards deferred compensation and a 3% increment to Director of Planning and Marketing Tony McCaulay's salary or deferred compensation.

Approved: Kiick/Narum

Aye: Bonanno, Brown, Josey, Narum, Kiick, Hernandez, Haubert

No: None

Abstain: None

Absent: None

Each Board member took the opportunity to provide their appreciation to Tamara Edwards and Tony McCaulay for taking on additional responsibilities.

13. Matters Initiated by the Board of Directors

None.

14. Next Meeting Date is Scheduled for: June 6, 2022

15. Adjournment

Meeting adjourned at 5:08pm.

MINUTES OF THE MAY 23, 2022 ZOOM TELECONFERENCE
LAVTA SPECIAL BOARD OF DIRECTORS MEETING

1. Call to Order

Meeting was called to order by Board Chair Karla Brown at 4:11pm.

Board Chair Karla Brown informed the public that LAVTA's meeting is being conducted according to the COVID-19 rules that are detailed at the beginning of the agenda explaining why this is a Zoom teleconference.

2. Roll Call of Members

Members Present

David Haubert – County of Alameda
Jean Josey – City of Dublin
Melissa Hernandez – City of Dublin
Karla Brown – City of Pleasanton
Kathy Narum – City of Pleasanton
Gina Bonanno – City of Livermore
Brittini Kiick – City of Livermore

3. Meeting Open to Public

No comments.

4. Consent Agenda

Recommend approval of all items on Consent Agenda as follows:

A. Adoption of a Resolution Declaring that Agency Meetings Will Continue to Be Held Via Teleconference

The Board of Directors adopted Resolution 21-2022 declaring that LAVTA meetings will continue to be held via teleconference.

Approved: Haubert/Narum
Aye: Bonanno, Brown, Josey, Narum, Kiick, Hernandez, Haubert
No: None
Abstain: None
Absent: None

5. Adjourn to CLOSED SESSION

Meeting adjourned to closed session at 4:14pm

**6. Closed Session pursuant to Government Code Section 54957(b):
PUBLIC EMPLOYEE APPOINTMENT Title: Executive Director**

7. Reconvene to OPEN SESSION

Meeting reconvened at 4:48pm.

The Board of Directors provided direction to the recruitment subcommittee and no reportable actions were taken.

8. Matters Initiated by the Board of Directors

None.

9. Next Meeting Date is Scheduled for: June 6, 2022

10. Adjournment

Meeting adjourned at 4:48pm.

AGENDA

ITEM 5B

LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY

STAFF REPORT

SUBJECT: Treasurer's Report for April 2022

FROM: Tamara Edwards, Director of Finance

DATE: June 6, 2022

Action Requested

Approve the LAVTA Treasurer's Report for April 2022.

Discussion

Cash accounts:

Our petty cash account (101) has a balance of \$200, and our ticket sales change account (102) continues with a balance of \$240 (these two accounts should not change).

General checking account activity (105):

Beginning balance April 1, 2022	\$5,866,742.89
Payments made	\$1,657,614.64
Deposits made	\$1,953,132.84
Ending balance April 30, 2022	\$6,162,261.09

Farebox account activity (106):

Beginning balance April 1, 2022	\$56,137.88
Deposits made	\$70,178.63
Ending balance April 30, 2022	\$126,316.51

LAIF investment account activity (135):

Beginning balance April 1, 2022	\$11,007,038.76
Q3 Fy 22 Interest	\$8,673.83
Ending balance April 30, 2022	\$11,015,712.59

Operating Expenditures Summary:

As this is the tenth month of the fiscal year, in order to stay on target for the budget this year expenses (at least the ones that occur on a monthly basis) should not be higher than 83%. The agency is at 64.4% overall.

Operating Revenues Summary:

While expenses are at 64.4%, revenues are at 76.1%. Allowing for a healthy cash flow.

Recommendation

The Finance and Administration Committee recommends that the Board of Directors approve the April 2022 Treasurer's Report.

Attachments:

1. April 2022 Treasurer's Report

Submitted: _____

**LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
BALANCE SHEET
FOR THE PERIOD ENDING:
April 30, 2022**

ASSETS:

101 PETTY CASH	200	
102 TICKET SALES CHANGE	240	
105 CASH - GENERAL CHECKING	6,162,261	
106 CASH - FIXED ROUTE ACCOUNT	126,316	
107 Clipper Cash	522,578	
108 Rail	0	
109 BOC	46	
120 ACCOUNTS RECEIVABLE	217,215	
135 INVESTMENTS - LAIF	11,016,625	
150 PREPAID EXPENSES	106,524	
160 OPEB ASSET	873,329	
165 DEFFERED OUTFLOW-Pension Related	613,991	
166 DEFFERED OUTFLOW-OPEB	79,576	
170 INVESTMENTS HELD AT CALTIP	0	
111 NET PROPERTY COSTS	62,519,430	
TOTAL ASSETS		82,238,331

LIABILITIES:

205 ACCOUNTS PAYABLE	156,933	
211 PRE-PAID REVENUE	1,920,614	
21101 Clipper to be distributed	394,755	
22000 FEDERAL INCOME TAXES PAYABLE	34	
22010 STATE INCOME TAX	(10)	
22020 FICA MEDICARE	(178)	
22050 PERS HEALTH PAYABLE	0	
22040 PERS RETIREMENT PAYABLE	(330)	
22030 SDI TAXES PAYABLE	(15)	
22070 AMERICAN FIDELITY INSURANCE PAYABLE	(144)	
22090 WORKERS' COMPENSATION PAYABLE	33,646	
22100 PERS-457	0	
22110 Direct Deposit Clearing	0	
23101 Net Pension Liability	1,356,863	
23105 Deferred Inflow- OPEB Related	156,304	
23104 Deferred Inflow- Pension Related	45,146	
23103 INSURANCE CLAIMS PAYABLE	28,625	
23102 UNEMPLOYMENT RESERVE	5,351	
TOTAL LIABILITIES		4,097,595

FUND BALANCE:

301 FUND RESERVE	(7,684,590)	
304 GRANTS, DONATIONS, PAID-IN CAPITAL	72,786,495	
30401 SALE OF BUSES & EQUIPMENT	84,491	
FUND BALANCE	12,954,341	
TOTAL FUND BALANCE		78,140,737
TOTAL LIABILITIES & FUND BALANCE		82,238,331

**LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
REVENUE REPORT
FOR THE PERIOD ENDING:
April 30, 2022**

ACCOUNT	DESCRIPTION	BUDGET	CURRENT MONTH	YEAR TO DATE	BALANCE AVAILABLE	PERCENT BUDGET EXPENDED
4010100	Fixed Route Passenger Fares	786,428	79,571	575,102	211,326	73.1%
4020000	Business Park Revenues	200,376	19,464	158,581	41,795	79.1%
4020500	Special Contract Fares	462,065	107,338	172,527	289,538	37.3%
4020500	Special Contract Fares - Paratransit	30,000	3,836	38,418	(8,418)	128.1%
4010200	Paratransit Passenger Fares	187,500	0	31,207	156,294	16.6%
4060100	Concessions	20,820	3,613	12,647	8,173	60.7%
4060300	Advertising Revenue	42,000	14,185	89,589	(47,589)	213.3%
4070400	Miscellaneous Revenue-Interest	25,000	8,674	21,701	3,299	86.8%
4070300	Non transportation revenue	133,147	11,128	119,235	13,912	89.6%
4090100	Local Transportation revenue	245,000	64,750	68,670	176,330	28.0%
4099100	TDA Article 4.0 - Fixed Route	11,282,017	888,215	10,564,115	717,902	93.6%
4099500	TDA Article 4.0-BART	104,953	7,342	72,338	32,615	68.9%
4099200	TDA Article 4.5 - Paratransit	159,119	33,383	134,612	24,507	84.6%
4099600	Bridge Toll- RM2, RM1	409,489	0	204,744	204,745	50.0%
4110100	STA Funds-Paratransit	87,852	0	18,763	69,089	21.4%
4110500	STA Funds- Fixed Route BART	661,131	0	661,131	-	100.0%
4110100	STA Funds-pop	1,180,335	0	863,616	316,719	73.2%
4110100	STA Funds- rev	712,236	516,788	516,788	195,448	72.6%
4110100	STA Funds- Lifeline	33,815	0	0	33,815	0.0%
4110100	Caltrans	-	0	6,894	(6,894)	#DIV/0!
4130000	FTA Section	1,636,697	0	0	1,636,697	100.0%
4130000	FTA Section 5307 ADA Paratransit	422,316	0	0	422,316	0.0%
4130000	FTA TPI	88,000	0	0	88,000	100.0%
4640500	Measure B Gap		8,398	8,398	(8,398)	100.0%
4640500	Measure B Express Bus	-	0	0	-	100.0%
4640100	Measure B Paratransit Funds-Fixed Route	764,547	82,593	780,346	(15,799)	102.1%
4640100	Measure B Paratransit Funds-Paratransit	139,703	15,092	142,590	(2,887)	102.1%
4640200	Measure BB Paratransit Funds-Fixed Route	926,640	61,026	577,087	349,553	62.3%
4640200	Measure BB Paratransit Funds-Paratransit	460,317	30,315	286,673	173,644	62.3%
RAIL		0	0	52		
TOTAL REVENUE		21,201,503	1,955,712	16,125,825	5,075,730	76.1%

**LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
OPERATING EXPENDITURES
FOR THE PERIOD ENDING:
April 30, 2022**

		BUDGET	CURRENT MONTH	YEAR TO DATE	BALANCE AVAILABLE	PERCENT BUDGET EXPENDED
501 02	Salaries and Wages	\$1,844,031	\$192,304	\$1,462,422	\$381,609	79.31%
502 00	Personnel Benefits	\$1,049,873	\$58,157	\$933,743	\$116,130	88.94%
503 00	Professional Services	\$817,550	\$67,136	\$643,820	\$173,730	78.75%
503 05	Non-Vehicle Maintenance	\$912,131	\$41,486	\$335,603	\$576,528	36.79%
503 99	Communications	\$9,500	\$20	\$993	\$8,507	10.46%
504 01	Fuel and Lubricants	\$1,386,600	\$97,413	\$762,714	\$623,886	55.01%
504 03	Non contracted vehicle maintenance	\$3,000	\$1,231	\$13,174	(\$10,174)	439.14%
504 99	Office/Operating Supplies	\$61,600	\$1,592	\$18,170	\$43,430	29.50%
504 99	Printing	\$139,000	\$159	\$27,619	\$111,381	19.87%
505 00	Utilities	\$263,086	\$26,425	\$265,901	(\$2,815)	101.07%
506 00	Insurance	\$666,095	\$6,957	\$437,383	\$228,712	65.66%
507 99	Taxes and Fees	\$91,440	\$15,636	\$108,894	(\$17,454)	119.09%
508 01	Purchased Transportation Fixed Route	\$11,207,472	\$886,154	\$7,666,655	\$3,540,817	68.41%
2-508 02	Purchased Transportation Paratransit	\$1,990,623	\$90,367	\$713,092	\$1,277,531	35.82%
508 03	Purchased Transportation WOD	\$60,000	\$6,643	\$44,240	\$15,760	73.73%
508 03	Purchased Transportation SAV	\$300,000	\$0	\$27,034	\$272,966	9.01%
509 00	Miscellaneous	\$192,503	(\$8,200)	\$92,424	\$100,079	48.01%
509 02	Professional Development	\$87,000	\$4,396	\$35,248	\$51,752	40.52%
509 08	Advertising	\$120,000	\$0	\$29,930	\$90,070	24.94%
TOTAL		\$21,201,504	\$1,487,875	\$13,619,060	\$7,582,444	64.24%

LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
CAPITAL REVENUE AND EXPENDITURE REPORT (Page 1 of 2)
FOR THE PERIOD ENDING:
April 30, 2022

ACCOUNT	DESCRIPTION	BUDGET	CURRENT MONTH	YEAR TO DATE	BALANCE AVAILABLE	PERCENT BUDGET EXPENDED
REVENUE DETAILS						
4090594	TDA (office and facility equip)	300,000	0	0	300,000	0.00%
4090194	TDA Shop repairs and replacement	41,900	0	0	41,900	0.00%
4091794	Bus stop improvements		0	0	0	#DIV/0!
4090994	Radio Upgrade		0	0	0	#DIV/0!
4090794	TDA Transit Center Improvements	110,000	0	0	110,000	0.00%
409??94	TDA (Transit Capital)	100,000	0	0	100,000	0.00%
4092094	TDA (Major component rehab)	756,420	0	0	756,420	0.00%
4091294	TDA Doolan Tower Upgrade	124,000	0	0	124,000	0.00%
4091194	TDA bus stops	857,143	0	0	857,143	0.00%
4090994	TDA buses	2,893,859	0	0	2,893,859	0.00%
4090294	TDA Atlantis	902,000	0	0	902,000	0.00%
409xx	TDA SAV	300,000	0	0	300,000	0.00%
46405	CIP Shelters		0	0	0	#DIV/0!
46405	CIP Atlantis	1,000,000	5,799	5,799	994,201	0.58%
4090694	TDA TSP		0	0	0	#DIV/0!
4091196	RM2 bus stops	2,300,000	0	0	2,300,000	0.00%
4090294	TDA Atlantis		0	0	0	#DIV/0!
409xx94	TDA Real Time APC		0	0	0	#DIV/0!
409xx91	TVTC TSP		0	0		
4111700	SGR shelters and stops	50,000	0	0	50,000	0.00%
4110500	Prop 1B office and facility	100,962	0	0	100,962	0.00%
41120	SGR battery packs	37,845	0	0	37,845	0.00%
411	Prop 1B Transit Center	20,000	0	0	20,000	0.00%
411xx	Dublin Parking garage	20,000,000	0	64,429	19,935,571	0.32%
41306	TSP		0	0	0	#DIV/0!
41309	FTA buses	11,575,437	0	0	11,575,437	0.00%
41311	FTA bus stops	2,000,000	0	0		
41320	FTA Hybrid battery packs	206,000	0	0	206,000	0.00%
41310	FTA Transit Center	440,000	0	0		
TOTAL REVENUE		44,115,566	5,799	70,228	41,605,338	0.16%

LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
CAPITAL REVENUE AND EXPENDITURE REPORT (Page 2 of 2)
FOR THE PERIOD ENDING:
April 30, 2022

ACCOUNT	DESCRIPTON	BUDGET	CURRENT MONTH	YEAR TO DATE	BALANCE AVAILABLE	PERCENT BUDGET EXPENDED
EXPENDITURE DETAILS						
CAPITAL PROGRAM - COST CENTER 07						
5550207	Atlantis Facility	902,000	272,835	417,654	484,346	46.30%
5550107	Shop Repairs and replacement	41,900	0	0	41,900	0.00%
5551607	SAV	300,000	0	0	300,000	0.00%
5550407	BRT	4,300,000	(8,524)	3,420	4,296,580	0.08%
5552307	Buses	14,469,296	0	0	14,469,296	0.00%
5550507	Office and Facility Equipment	400,962	1,272	79,580	321,382	19.85%
5551007	Transit Center Upgrades and Improvements	570,000	(1,590)	0	570,000	0.00%
5551207	Doolan Tower upgrade	124,000	0	2,228	121,772	1.80%
5551807	Dublin Parking Garage	20,000,000	0	64,429	19,935,571	0.32%
5551707	Bus Shelters and Stops	907,143	17,240	19,523	887,620	2.15%
5552007	Major component rehab	1,000,265	0	18,593	981,672	1.86%
555??07	Transit Capital	100,000	0	66,154	33,846	66.15%
TOTAL CAPITAL EXPENDITURES		43,115,566	281,233	671,581	42,443,985	1.56%
FUND BALANCE (CAPITAL)		1000000.00	(275,434)	(601,352)		
FUND BALANCE (CAPTIAL & OPERATING)		999,999.00	206,254	1,871,091		

California State Treasurer

Fiona Ma, CPA



Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

May 16, 2022

[LAIF Home](#)
[PMIA Average Monthly Yields](#)

LIVERMORE/AMADOR VALLEY TRANSIT
AUTHORITY
GENERAL MANAGER
1362 RUTAN COURT, SUITE 100
LIVERMORE, CA 94550

[Tran Type Definitions](#)

Account Number: 80-01-002

April 2022 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
4/15/2022	4/14/2022	QRD	1701881	N/A	SYSTEM	8,673.83

Account Summary

Total Deposit:	8,673.83	Beginning Balance:	11,007,038.66
Total Withdrawal:	0.00	Ending Balance:	11,015,712.49

REPORT.: May 16 22 Monday
 RUN....: May 16 22 Time: 14:56
 Run By.: Daniel Zepeda

LAVTA
 Month End Cash Disbursements Report
 Prior Period Report for 04-22 BANK ACCOUNT 105

PAGE: 001
 ID #: PY-CD
 CTL.: WHE

Period	Check Number	Check Date	Vendor # (Name)	Disc. Terms	Gross Amount	Disc Amount	Net Amount	Check Description
04-22	023076	04/29/22	YES01 (YESCO LLC)		(8,524.22)	.00	(8,524.22)	Ck# 023076 Reversed
	023204	04/11/22	SCB01 (SLIDER CITY BBQ AND CATERING		1,846.00	.00	1,846.00	Automatic Generated Check
	023205	04/11/22	TX212 (LINDA WAHLE)		136.16	.00	136.16	Automatic Generated Check
	023206	04/14/22	AIM01 (AIM TO PLEASE JANITORIAL SER		2,500.00	.00	2,500.00	Automatic Generated Check
	023207	04/14/22	ATT03 (AT&T)		935.98	.00	935.98	Automatic Generated Check
	023208	04/14/22	BAY03 (BAY AREA NEWS GROUP)		439.20	.00	439.20	Automatic Generated Check
	023209	04/14/22	BAY08 (BAY CITY ELECTRIC WORKS)		442.26	.00	442.26	Automatic Generated Check
	023210	04/14/22	CTE01 (CENTER FOR TRANSPORTATION &		17,950.00	.00	17,950.00	Automatic Generated Check
	023211	04/14/22	DAY02 (DAY & NIGHT PEST CONTROL)		218.00	.00	218.00	Automatic Generated Check
	023212	04/14/22	FED01 (FedEx)		10.88	.00	10.88	Automatic Generated Check
	023213	04/14/22	GBS01 (WILLIAM R. GRAY & COMPANY IN		4,255.00	.00	4,255.00	Automatic Generated Check
	023214	04/14/22	HAN01 (HANSON BRIDGETT MARCUS)		21,854.50	.00	21,854.50	Automatic Generated Check
	023215	04/14/22	HOT01 (HOTSYPACIFIC)		2,363.03	.00	2,363.03	Automatic Generated Check
	023216	04/14/22	KOF01 (KOFF & ASSOCIATES)		8,245.00	.00	8,245.00	Automatic Generated Check
	023217	04/14/22	LIV10 (LIVERMORE SANITATION INC)		2,540.83	.00	2,540.83	Automatic Generated Check
	023218	04/14/22	MVT01 (MV TRANSPORTATION, INC.)		123,000.00	.00	123,000.00	Automatic Generated Check
	023219	04/14/22	PAC11 (PACIFIC ENVIROMENTAL SERV)		260.00	.00	260.00	Automatic Generated Check
	023220	04/14/22	SCF01 (SC FUELS)		35,193.38	.00	35,193.38	Automatic Generated Check
	023221	04/14/22	SHA02 (SHAMROCK OFFICE SOLUTIONS)		31.99	.00	31.99	Automatic Generated Check
	023222	04/14/22	SOLO1 (SOLUTIONS FOR TRANSIT)		2,083.33	.00	2,083.33	Automatic Generated Check
	023223	04/14/22	STA15 (STATE WATER RESOURCES CONTRO		3,476.00	.00	3,476.00	Automatic Generated Check
	023224	04/14/22	TEN03 (TENNANT SALES AND SERVICE)		12,112.28	.00	12,112.28	Automatic Generated Check
	023225	04/14/22	TRI06 (TRI-VALLEY HOSE INC)		21.22	.00	21.22	Automatic Generated Check
	023226	04/29/22	AIM01 (AIM TO PLEASE JANITORIAL SER		18,000.00	.00	18,000.00	Automatic Generated Check
	023227	04/29/22	AVI01 (AMADOR VALLEY INDUSTRIES)		566.02	.00	566.02	Automatic Generated Check
	023228	04/29/22	CAL13 (CALIFORNIA TRANSIT)		6,957.40	.00	6,957.40	Automatic Generated Check
	023229	04/29/22	CEL01 (CELTIS VENTURES INC)		2,580.00	.00	2,580.00	Automatic Generated Check
	023230	04/29/22	CIT06 (CITY OF LIVERMORE SEWER)		364.70	.00	364.70	Automatic Generated Check
	023231	04/29/22	COR01 (CORBIN WILLITS SYSTEMS)		269.40	.00	269.40	Automatic Generated Check
	023232	04/29/22	EME01 (BRIGHTVIEW LANDSCAPE SERVICE		1,400.15	.00	1,400.15	Automatic Generated Check
	023233	04/29/22	GBS01 (WILLIAM R. GRAY & COMPANY IN		812.50	.00	812.50	Automatic Generated Check
	023234	04/29/22	GOV02 (GOVINVEST INC.)		3,090.00	.00	3,090.00	Automatic Generated Check
	023235	04/29/22	JTH01 (J. THAYER COMPANY)		188.77	.00	188.77	Automatic Generated Check
	023236	04/29/22	KIM02 (KIMLEY-HORN AND ASSOC, INC)		272,835.00	.00	272,835.00	Automatic Generated Check
	023237	04/29/22	LYF01 (LYFT, INC)		3,471.75	.00	3,471.75	Automatic Generated Check
	023238	04/29/22	PLA02 (PLANETERIA MEDIA LLC)		325.00	.00	325.00	Automatic Generated Check
	023239	04/29/22	POW02 (PACIFIC POWER GROUP)		1,230.91	.00	1,230.91	Automatic Generated Check
	023240	04/29/22	PRO02 (PROFESSIONAL ELECTRIC)		675.00	.00	675.00	Automatic Generated Check
	023241	04/29/22	SCF01 (SC FUELS)		69,100.11	.00	69,100.11	Automatic Generated Check
	023242	04/29/22	TIC01 (GRACE DRINKWATER)		18.00	.00	18.00	Automatic Generated Check
	023243	04/29/22	TOL06 (TOLAR MFR CO INC)		17,240.43	.00	17,240.43	Automatic Generated Check
	H12009	04/14/22	PAC01 (AT&T)		231.20	.00	231.20	PAC01, ACCT #925-245-0576
	H12010	04/13/22	PAC01 (AT&T)		439.00	.00	439.00	PAC01, ACCT #925-243-9029,
	H12011	04/13/22	PAC01 (AT&T)		361.34	.00	361.34	PAC01, ACCT#436-951-0106
	H12012	04/13/22	PAC01 (AT&T)		33.97	.00	33.97	PAC01, ACCT#232-351-6260 C
	H12035	04/13/22	DIR02 (DIRECT DEPOSIT OF PAYROLL CH		45,626.25	.00	45,626.25	DIR02, PR DIRECT DEPOSIT
	H12036	04/13/22	PER01 (PERS)		5,645.01	.00	5,645.01	PER01, PERS NEW CONTRIBUT
	H12037	04/13/22	PER01 (PERS)		4,149.00	.00	4,149.00	PER01, PERS CLASSIC CONTR
	H12038	04/13/22	EMP01 (EMPLOYMENT DEVEL DEPT)		3,402.00	.00	3,402.00	EMP01, STATE TAX 3/19/22-
	H12039	04/13/22	PER04 (CALPERS RETIREMENT SYSTEM)		2,543.50	.00	2,543.50	PER04, PERS 457 CONTRIBUT
	H12040	04/13/22	EFT01 (ELECTRONIC FUND TRANSFERS)		9,957.88	.00	9,957.88	EFT01, FEDERAL TAX 3/19/2
	H12041	04/13/22	CAL04 (CALIFORNIA WATER SERVICE)		51.21	.00	51.21	CAL04,3616555555, TC WATE
	H12042	04/13/22	CAL04 (CALIFORNIA WATER SERVICE)		59.82	.00	59.82	CAL04,2575555555, TC FIRE
	H12043	04/13/22	CAL04 (CALIFORNIA WATER SERVICE)		79.76	.00	79.76	CAL04,4755555555, MOA FIR
	H12044	04/13/22	CAL04 (CALIFORNIA WATER SERVICE)		79.76	.00	79.76	CAL04,5755555555, CONTRAC
	H12045	04/13/22	CAL04 (CALIFORNIA WATER SERVICE)		105.16	.00	105.16	CAL04,0198655555, BUS WAS
	H12046	04/13/22	PAC02 (PACIFIC GAS AND ELECTRIC)		1,170.24	.00	1,170.24	PAC02,6062256368-6, ATLAN
	H12047	04/13/22	PAC02 (PACIFIC GAS AND ELECTRIC)		7,036.71	.00	7,036.71	PAC02,5809326332-3, MOA E
	H12048	04/13/22	PAC02 (PACIFIC GAS AND ELECTRIC)		1,392.69	.00	1,392.69	PAC02,7264840356-5, BUS S
	H12049	04/13/22	PAC02 (PACIFIC GAS AND ELECTRIC)		90.75	.00	90.75	PAC02,7649646868-7, DOOLA
	H12050	04/13/22	PAC02 (PACIFIC GAS AND ELECTRIC)		4,606.18	.00	4,606.18	PAC02,9007202117-4, MOA G
	H12051	04/13/22	CIT07 (CITY OF LIVERMORE - WATER)		135.91	.00	135.91	CIT07,139388-00, BUS WASH
	H12052	04/13/22	CIT07 (CITY OF LIVERMORE - WATER)		45.66	.00	45.66	CIT07,138431-00, ATLANTIS
	H12053	04/13/22	RIC03 (RICHARD MILLER)		6,900.00	.00	6,900.00	RIC03,1081, EMAIL SERVER
	H12054	04/13/22	MER01 (MERCHANT SERVICES)		39.29	.00	39.29	MER01, MAR-22 MOA CC STAT
	H12055	04/13/22	MER01 (MERCHANT SERVICES)		103.36	.00	103.36	MER01, MAR-22 TRANSIT CEN
	H12056	04/13/22	TAX67 (CHRISTEL RAGER)		148.00	.00	148.00	TAX67, PARATAXI REIMBURSE
	H12057	04/13/22	DEL05 (ALLIED ADMIN/DELTA DENTAL)		2,225.45	.00	2,225.45	DEL05, MAY-2022 DENTAL IN
	H12058	04/13/22	VSP01 (VSP)		557.82	.00	557.82	VSP01, APR-22 VISION INSU
	H12059	04/13/22	AME06 (AMERICAN FIDELITY ASSURANCE		1,428.32	.00	1,428.32	AME06, APR-22 FLEXIBLE SP
	H12060	04/13/22	AME06 (AMERICAN FIDELITY ASSURANCE		1,428.32	.00	1,428.32	AME06, MAR-22 FLEXIBLE SP
	H12061	04/13/22	AME06 (AMERICAN FIDELITY ASSURANCE		842.52	.00	842.52	AME06, MAR-22 SUPPLEMENTA
	H12062	04/13/22	TEL01 (TPx COMMUNICATIONS)		2,875.05	.00	2,875.05	TEL01,155045947-0, 4/1/22
	H12063	04/13/22	EFT01 (ELECTRONIC FUND TRANSFERS)		.03	.00	.03	EFT01, 2022 1ST QTR FEDER
	H12064	04/25/22	VER01 (VERIZON WIRELESS)		1,885.00	.00	1,885.00	VER01,9902487707, 2/23/22
	H12065	04/25/22	STA13 (STAPLES CREDIT PLAN)		266.24	.00	266.24	STA13, APR-22 CC STATEMEN
	H12066	04/25/22	VSP01 (VSP)		557.82	.00	557.82	VSP01, MAY-22 VISION INSU
	H12067	04/25/22	PER03 (CAL PUB EMP RETIRE SYSTM)		35,544.40	.00	35,544.40	PER03, MAY-22 HEALTH INSU
	H12068	04/25/22	MUT01 (MUTUAL OF OMAHA)		1,115.71	.00	1,115.71	MUT01, MAY-22 LTD & LIFE
	H12069	04/25/22	SUD01 (JENNIFER SUDA)		39.95	.00	39.95	SUD01, 4/13/22 EXPENSE RE
	H12070	04/25/22	TX242 (BONNIE WOLF)		120.00	.00	120.00	TX242, PARATAXI REIMBURSE
	H12071	04/25/22	DIR02 (DIRECT DEPOSIT OF PAYROLL CH		43,882.03	.00	43,882.03	DIR02, PR DIRECT DEPOSIT
	H12072	04/25/22	EFT01 (ELECTRONIC FUND TRANSFERS)		10,497.84	.00	10,497.84	EFT01, FEDERAL TAX 4/2/22
	H12073	04/25/22	EMP01 (EMPLOYMENT DEVEL DEPT)		3,378.49	.00	3,378.49	EMP01, STATE TAX 4/2/22-4
	H12074	04/25/22	PER04 (CALPERS RETIREMENT SYSTEM)		3,149.61	.00	3,149.61	PER04, PERS 457 CONTRIBUT
	H12075	04/25/22	PER01 (PERS)		5,677.52	.00	5,677.52	PER01, PERS NEW CONTRIBUT
	H12076	04/25/22	PER01 (PERS)		4,149.00	.00	4,149.00	PER01, PERS CLASSIC CONTR
	H12077	04/25/22	DIR02 (DIRECT DEPOSIT OF PAYROLL CH		35,807.75	.00	35,807.75	DIR02, PR DIRECT DEPOSIT
	H12078	04/25/22	EFT01 (ELECTRONIC FUND TRANSFERS)		12,090.14	.00	12,090.14	EFT01, FEDERAL TAX-MICHAEL
	H12079	04/25/22	EMP01 (EMPLOYMENT DEVEL DEPT)		3,929.40	.00	3,929.40	EMP01, 4/22/22 STATE TAX-
	H12080	04/25/22	EFT01 (ELECTRONIC FUND TRANSFERS)		4,090.24	.00	4,090.24	EFT01, FEDERAL TAX 4/13/2

REPORT.: May 16 22 Monday
 RUN....: May 16 22 Time: 14:56
 Run By.: Daniel Zepeda

LAVTA
 Month End Cash Disbursements Report
 Prior Period Report for 04-22 BANK ACCOUNT 105

PAGE: 002
 ID #: PY-CD
 CTL.: WHE

Period	Check Number	Check Date	Vendor # (Name)	Disc. Terms	Gross Amount	Disc Amount	Net Amount	Check Description
04-22	H12081	04/25/22	EMP01 (EMPLOYMENT DEVEL DEPT)		1,425.90	.00	1,425.90	EMP01, STATE TAX BONUS PA
	H12082	04/13/22	STA05 (STATE BOARD OF EQUAL)		850.00	.00	850.00	STA05, 1ST QTR 2022 EXEMP
	H12083	04/13/22	STA04 (STATE BOARD OF)		1,354.00	.00	1,354.00	STA04, 1ST QTR 2022 UNDER
	H12084	04/25/22	MVT01 (MV TRANSPORTATION, INC.)		37,534.30	.00	37,534.30	MVT01, FEB-22 FIXED ROUTE
	H12089	04/25/22	EMP01 (EMPLOYMENT DEVEL DEPT)		2,700.00	.00	2,700.00	EMP01, 1ST QTR 2022 UNEMP
	H12090	04/25/22	UBE01 (UBER)		3,170.75	.00	3,170.75	UBE01, MAR-22 BILLING: GO
	H12091	04/25/22	NEL01 (NELSON\NYGAARD CONSULTING AS		5,550.91	.00	5,550.91	NEL01,81918, LAVTA SRTP/L
	H12092	04/25/22	MVT01 (MV TRANSPORTATION, INC.)		332,000.00	.00	332,000.00	MVT01,118254, APR-22 MV 1
	H12093	04/25/22	MVT01 (MV TRANSPORTATION, INC.)		332,000.00	.00	332,000.00	MVT01,118255, APR-22 MV 2
	H12094	04/25/22	KUL01 (KADRI KULM)		296.00	.00	296.00	KUL01, 4/19/22 CALACT CON
	H12095	04/25/22	TRA04 (TOAN TRAN)		296.00	.00	296.00	TRA04, 4/19-4/22/22 PER D
	H12096	04/25/22	TRA04 (TOAN TRAN)		452.79	.00	452.79	TRA04, 4/19/22-4/22/22 CA
	H12097	04/25/22	CAL15 (CALTRONICS BUSINESS SYS)		194.68	.00	194.68	CAL15,3479265, BIZHUB 3/1
	H12098	04/25/22	STA01 (STATE COMPENSATION FUND)		1,286.33	.00	1,286.33	STA01, MAY-22 WORKER'S CO
	H12099	04/27/22	CAL04 (CALIFORNIA WATER SERVICE)		1,093.38	.00	1,093.38	CAL04,4616555555, TC IRRG
	H12100	04/27/22	CAL04 (CALIFORNIA WATER SERVICE)		1,191.71	.00	1,191.71	CAL04,9098655555, MOA WAT
	H12101	04/27/22	AME06 (AMERICAN FIDELITY ASSURANCE		842.52	.00	842.52	AME06, APR-22 SUPPLEMENTA
	H12102	04/27/22	PER01 (PERS)		1,317.73	.00	1,317.73	PER01, 4/22/22 PERS NEW C
	H12103	04/29/22	TRA04 (TOAN TRAN)		217.25	.00	217.25	TRA04, 4/18/22 CalACT SPR
	H12104	04/29/22	BAN03 (BANKCARD CENTER)		6,306.73	.00	6,306.73	BAN03, MAR-22 BOW CC STAT
	H12105	04/29/22	BAY03 (BAY AREA NEWS GROUP)		(439.20)	.00	(439.20)	BAY03, 6654678, MP1137 PU
	H12106	04/29/22	BAY03 (BAY AREA NEWS GROUP)		439.20	.00	439.20	BAY03, 6654678, MP1137 PU
	H12107	04/29/22	POW02 (PACIFIC POWER GROUP)		(1,230.91)	.00	(1,230.91)	POW02, 6915688-00, MP1146
	H12108	04/29/22	POW02 (PACIFIC POWER GROUP)		1,230.91	.00	1,230.91	POW02, 6915688-00, MP1146
Total for Bank Account 105 ----->					1,630,569.24	.00	1,630,569.24	
Grand Total of all Bank Accounts ----->					1,630,569.24	.00	1,630,569.24	

REPORT.: May 16 22 Monday
 RUN....: May 16 22 Time: 14:56
 Run By.: Daniel Zepeda

LAVTA
 Month End Payable Activity Report
 Prior Period Report for 04-22

PAGE: 001
 ID #: PY-AC
 CTL.: WHE

Period	Vendor # (Name)	Invoice Number	Invoice Date	Due Date	Disc. Terms	Gross Amount	Description
04-22	AIM01 (AIM TO PLEASE JANITORIAL SE	1094	02/03/22	03/05/22	A	6000.00	AIM01,1094, JAN-22 BUS STOP CLEANING SERVICE
		1095	02/28/22	03/30/22	A	6000.00	AIM01,1095, FEB-22 BUS STOP CLEANING SERVICE
		1096	04/05/22	05/05/22	A	6000.00	AIM01,1096, MAR-22 BUS STOP CLEANING SERVICE
	80-MAR-22		04/02/22	05/02/22	A	2500.00	AIM01, MAR-22 MONTHLY JANITORIAL SERVICE
		Vendor's Total ----->				20500.00	
04-22	AME06 (AMERICAN FIDELITY ASSURANCE	FSA03-22H	04/12/22	05/12/22	A	1428.32	AME06, MAR-22 FLEXIBLE SPENDING ACCOUNT
		FSA04-22H	04/12/22	05/12/22	A	1428.32	AME06, APR-22 FLEXIBLE SPENDING ACCOUNT
		SUPPL0322H	04/12/22	05/12/22	A	842.52	AME06, MAR-22 SUPPLEMENTAL INSURANCE
		SUPPL0422H	04/26/22	05/26/22	A	842.52	AME06, APR-22 SUPPLEMENTAL INSURANCE
		Vendor's Total ----->				4541.68	
04-22	ATT03 (AT&T)	883598606	03/19/22	04/18/22	A	935.98	ATT03,8883598606, MAR-22 INTERNET PRI
04-22	AVI01 (AMADOR VALLEY INDUSTRIES)	957877	03/31/22	04/30/22	A	566.02	AVI01,957877, MAR-22 GARBAGE PICK UP SERVICE
04-22	BAN03 (BANKCARD CENTER)	MAR-2022H	03/28/22	04/27/22	A	6306.73	BAN03, MAR-22 BOW CC STATEMENT
04-22	BAY03 (BAY AREA NEWS GROUP)	006654678	03/31/22	04/30/22	A	439.20	BAY03,0006654678, MP1137 PUBLIC NOTICE 3/23&
		6654678COH	04/29/22	05/29/22	A	439.20	BAY03, 6654678, MP1137 PUBLIC NOTICE-CORRECT
		6654678REH	04/29/22	05/29/22	A	439.20	BAY03, 6654678, MP1137 PUBLIC NOTICE-REVERSA
		Vendor's Total ----->				439.20	
04-22	BAY08 (BAY CITY ELECTRIC WORKS)	W256322	03/22/22	04/21/22	A	442.26	BAY08,W256322, MP962 GENERATOR MAINT MAR-22
04-22	CAL04 (CALIFORNIA WATER SERVICE)	019031822H	03/18/22	04/17/22	A	105.16	CAL04,0198655555, BUS WASH 2/17/22-3/17/22
		257033122H	03/31/22	04/30/22	A	59.82	CAL04,2575555555, TC FIRE 4/1/22-4/30/22
		361040422H	04/04/22	05/04/22	A	51.21	CAL04,3616555555, TC WATER 3/2/22-4/1/22
		461040522H	04/05/22	05/05/22	A	1093.38	CAL04,4616555555, TC IRRG. 3/2/22-4/1/22
		475033122H	03/31/22	04/30/22	A	79.76	CAL04,4755555555, MOA FIRE 4/1/22-4/30/22
		575033122H	03/31/22	04/30/22	A	79.76	CAL04,5755555555, CONTRACTOR FIRE 4/1/22-4/3
		909032122H	03/21/22	04/20/22	A	1191.71	CAL04,9098655555, MOA WATER 2/17/22-3/17/22
		Vendor's Total ----->				2660.80	
04-22	CAL13 (CALIFORNIA TRANSIT)	312022MAR	04/11/22	05/11/22	A	6957.40	CAL13, MAR-22 INSURANCE CLAIMS
04-22	CAL15 (CALTRONICS BUSINESS SYS)	3479265H	04/15/22	05/15/22	A	194.68	CAL15,3479265, BIZHUB 3/16/22-4/15/22
04-22	CEL01 (CELTIS VENTURES INC)	LAVTAWR09	04/01/22	05/01/22	A	2580.00	CEL01,LAVTAWR009, WEB REDESIGN MAR-22
04-22	CIT06 (CITY OF LIVERMORE SEWER)	MOA041922	04/19/22	05/19/22	A	364.70	CIT06,133294-00, MOA SEWER 3/15/22-4/19/22
04-22	CIT07 (CITY OF LIVERMORE - WATER)	388040522H	04/05/22	05/05/22	A	135.91	CIT07,139388-00, BUS WASH 3/1/22-4/5/22
		431040522H	04/05/22	05/05/22	A	45.66	CIT07,138431-00, ATLANTIS IRRG. 3/1/22-4/5/2
		Vendor's Total ----->				181.57	
04-22	COR01 (CORBIN WILLITS SYSTEMS)	C204151	04/15/22	05/15/22	A	269.40	COR01,000C204151, APR-22 SERVICE
04-22	CTE01 (CENTER FOR TRANSPORTATION	8MAR-2022A	N03/15/22	04/14/22	A	8200.00	CTE01,MAR-22 PO #7503 LAVTA ON-CALL ZEB CONS
		MAR-2022B	03/31/22	04/30/22	A	9750.00	CTE01,MAR-22 PO #7503 LAVTA ON-CALL ZEB CONS
		Vendor's Total ----->				17950.00	
04-22	DAY02 (DAY & NIGHT PEST CONTROL)	172086	04/04/22	05/04/22	A	218.00	DAY02,172086, 4/4/22 RUTAN SERVICE
04-22	DEL05 (ALLIED ADMIN/DELTA DENTAL)	MAY-2022H	04/12/22	05/12/22	A	2225.45	DEL05, MAY-2022 DENTAL INSURANCE
04-22	DIR02 (DIRECT DEPOSIT OF PAYROLL C	20220401H	04/06/22	05/06/22	A	45626.25	DIR02, PR DIRECT DEPOSIT 3/19/22-4/1/22
		20220415H	04/20/22	05/20/22	A	43882.03	DIR02, PR DIRECT DEPOSIT 4/2/22-4/15/22
		20220422PH	04/21/22	05/21/22	A	35807.75	DIR02, PR DIRECT DEPOSIT FINAL PAY MICHAEL T
		Vendor's Total ----->				125316.03	
04-22	EFT01 (ELECTRONIC FUND TRANFERS)	20220331H	04/11/22	05/11/22	A	.03	EFT01, 2022 1ST QTR FEDERAL TAX FILING BALAN
		20220401H	04/11/22	05/11/22	A	9957.88	EFT01, FEDERAL TAX 3/19/22-4/1/22
		20220413H	04/13/22	05/13/22	A	4090.24	EFT01, FEDERAL TAX 4/13/22 BONUS PAY
		20220415H	04/20/22	05/20/22	A	10497.84	EFT01, FEDERAL TAX 4/2/22-4/15/22

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04-22	EFT01 (ELECTRONIC FUND TRANSFERS)	20220422FH	04/21/22	05/21/22	A	12090.14	EFT01, FEDERAL TAX-MICHAEL TREE FINAL PAY 4/
		Vendor's Total ----->				36636.13	
04-22	EME01 (BRIGHTVIEW LANDSCAPE SERVIC	7860193	05/01/22	05/31/22	A	1400.15	EME01,7860193, MAY-22 LANDSCAPING SERVICES
04-22	EMP01 (EMPLOYMENT DEVEL DEPT)	20220401H	04/06/22	05/06/22	A	3402.00	EMP01, STATE TAX 3/19/22-4/1/22
		20220413H	04/13/22	05/13/22	A	1425.90	EMP01, STATE TAX BONUS PAY 4/13/22
		20220415H	04/20/22	05/20/22	A	3378.49	EMP01, STATE TAX 4/2/22-4/15/22
		20220422FH	04/21/22	05/21/22	A	3929.40	EMP01, 4/22/22 STATE TAX-MICHAEL TREE FINAL
		QTR1-2022H	04/25/22	05/25/22	A	2700.00	EMP01, 1ST QTR 2022 UNEMPLOYMENT INSURANCE
		Vendor's Total ----->				14835.79	
04-22	FED01 (FedEx)	771087587	04/01/22	05/01/22	A	10.88	FED01,7-710-87587, APR-22 STATEMENT
04-22	GBS01 (WILLIAM R. GRAY & COMPANY I	21381	03/08/22	04/07/22	A	4255.00	GBS01,21381, FEB-22 SAV ON-CALL ENGINEER SUP
		21419	04/07/22	05/07/22	A	812.50	GBS01,21419, MAR-22 SAV ON-CALL ENGINEER SUP
		Vendor's Total ----->				5067.50	
04-22	GOV02 (GOVINVEST INC.)	2022-3645	04/18/22	05/18/22	A	3090.00	GOV02,2022-3645,PENSION MODULE FEE FY23
04-22	HAN01 (HANSON BRIDGETT MARCUS)	1316570	04/11/22	05/11/22	A	9691.50	HAN01,1316570, MAR-22 CONTRACT LEGAL FEES
		1316571	04/11/22	05/11/22	A	12163.00	HAN01,1316571, MAR-22 ADMIN LEGAL FEES
		Vendor's Total ----->				21854.50	
04-22	HOT01 (HOTSYPACIFIC)	85658	03/31/22	04/30/22	A	2363.03	HOT01,85658, MP1116 RUTAN REPAIR SERVICE
04-22	JTH01 (J. THAYER COMPANY)	1588770-0	04/25/22	05/25/22	A	188.77	JTH01, 1588770-0, 4/25/22 PRINTING PAPER
04-22	KIM02 (KIMLEY-HORN AND ASSOC,INC)	20790754	01/31/22	03/02/22	A	110315.00	KIM02,20790754,TO #5 CITY OF LIVERMORE DESIG
		20881171	02/28/22	03/30/22	A	3250.00	KIM02,20881171, TO #4 ATLANTIS DESIGN 2/28/2
		20881172	02/28/22	03/30/22	A	69675.00	KIM02,20881172,TO #5 CITY OF LIVERMORE DESIG
		21081638	03/31/22	04/30/22	A	3900.00	KIM02,21081638, TO #4 ATLANTIS DESIGN 3/31/2
		21081646	03/31/22	04/30/22	A	64695.00	KIM02,21081646,TO #5 CITY OF LIVERMORE DESIG
		7109-0322	03/31/22	04/30/22	A	21000.00	KIM02, 097447109-0322, TO #6 ATLANTIS DESIGN
		Vendor's Total ----->				272835.00	
04-22	KOF01 (KOFF & ASSOCIATES)	014275	04/01/22	05/01/22	A	8245.00	KOF01,014275, PO #7571 TOTAL COMP STUDY 2022
04-22	KUL01 (KADRI KULM)	041922PERH	02/16/22	03/18/22	A	296.00	KUL01, 4/19/22 CALACT CONF. PER DIEM
04-22	LIV10 (LIVERMORE SANITATION INC)	1522979	03/31/22	04/30/22	A	2540.83	LIV10,0001522979, MAR-22 GARBAGE SERVICE
04-22	LYF01 (LYFT, INC)	1039934	03/31/22	04/30/22	A	3309.75	LYF01,1001039934, MAR-22 CODE: GO TRIVALLEY
		1039935	03/31/22	04/30/22	A	162.00	LYF01,1001039935, MAR-22 CODE: GO SANRAMON
		Vendor's Total ----->				3471.75	
04-22	MER01 (MERCHANT SERVICES)	TC033122H	03/31/22	04/30/22	A	103.36	MER01, MAR-22 TRANSIT CENTER CC STATEMENT
		MOA033122H	03/31/22	04/30/22	A	39.29	MER01, MAR-22 MOA CC STATEMENT
		Vendor's Total ----->				142.65	
04-22	MUT01 (MUTUAL OF OMAHA)	MAY 2022H	04/20/22	05/20/22	A	1115.71	MUT01, MAY-22 LTD & LIFE INSURANCE
04-22	MVT01 (MV TRANSPORTATION, INC.)	118254H	04/05/22	05/05/22	A	332000.00	MVT01,118254, APR-22 MV 1ST INSTALL PAYMENT
		118255H	04/05/22	05/05/22	A	332000.00	MVT01,118255, APR-22 MV 2ND INSTALL PAYMENT
		BONUS-22	04/14/22	05/14/22	A	123000.00	MVT01, 2022 APPRECIATION BONUS-MV TRANS PORT
		FEB-2022H	03/03/22	04/02/22	A	37534.30	MVT01, FEB-22 FIXED ROUTE MONTHLY SERVICE
		Vendor's Total ----->				824534.30	
04-22	NEL01 (NELSON\NYGAARD CONSULTING A	81918H	04/22/22	05/22/22	A	5550.91	NEL01,81918, LAVTA SRTP/LRTP 1/29/22-4/1/22
04-22	PAC01 (AT&T)	ATT 03/22H	03/13/22	04/12/22	A	231.20	PAC01, ACCT #925-245-0576 3/13/22-4/12/22
		ATT030722H	03/07/22	04/06/22	A	33.97	PAC01,ACCT#232-351-6260 CONTRACTOR FIRE 3/7-
		ATT031122H	03/11/22	04/10/22	A	361.34	PAC01, ACCT#436-951-0106 ATLANTIS T1 3/11-4/
		ATT031322H	03/13/22	04/12/22	A	439.00	PAC01,ACCT #925-243-9029, ATLANTIS ALARM 3/1
		Vendor's Total ----->				1065.51	

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04-22	PAC02 (PACIFIC GAS AND ELECTRIC)	580040722H	04/07/22	05/07/22	A	7036.71	PAC02,5809326332-3, MOA ELECTRIC 3/2/22-3/30
		606040422H	04/04/22	05/04/22	A	1170.24	PAC02,6062256368-6, ATLANTIS 2/28/22-3/28/22
		726033122H	03/31/22	04/30/22	A	1392.69	PAC02,7264840356-5, BUS STOPS 2/18/22-3/21/2
		764031822H	03/18/22	04/17/22	A	90.75	PAC02,7649646868-7, DOOLAN TWR 2/10/22-3/13/
		900031522H	03/15/22	04/14/22	A	4606.18	PAC02,9007202117-4, MOA GAS 2/11/22-3/14/22
		Vendor's Total ----->				14296.57	
04-22	PAC11 (PACIFIC ENVIROMENTAL SERV)	2299	03/29/22	04/28/22	A	130.00	PAC11,2299, MAR-22 RUTAN MONTHLY SERVICE
		2300	03/29/22	04/28/22	A	130.00	PAC11,2300, MAR-22 ATLANTIS MONTHLY SERVICE
		Vendor's Total ----->				260.00	
04-22	PER01 (PERS)	20220401CH	04/06/22	05/06/22	A	4149.00	PER01, PERS CLASSIC CONTRIBUTION 3/19/22-4/1
		20220401NH	04/06/22	05/06/22	A	5645.01	PER01, PERS NEW CONTRIBUTION 3/19/22-4/1/22
		20220415CH	04/20/22	05/20/22	A	4149.00	PER01, PERS CLASSIC CONTRIBUTION 4/2/22-4/15
		20220415NH	04/20/22	05/20/22	A	5677.52	PER01, PERS NEW CONTRIBUTION 4/2/22-4/15/22
		20220422FH	04/26/22	05/26/22	A	1317.73	PER01, 4/22/22 PERS NEW CONT-M TREE FINAL PA
		Vendor's Total ----->				20938.26	
04-22	PER03 (CAL PUB EMP RETIRE SYSTM)	MAY-2022H	04/20/22	05/20/22	A	35544.40	PER03, MAY-22 HEALTH INSURANCE
04-22	PER04 (CALPERS RETIREMENT SYSTEM)	20220401H	04/06/22	05/06/22	A	2543.50	PER04, PERS 457 CONTRIBUTION 3/19/22-4/1/22
		20220415H	04/20/22	05/20/22	A	3149.61	PER04, PERS 457 CONTRIBUTIONS 4/2/22-4/15/22
		Vendor's Total ----->				5693.11	
04-22	PLA02 (PLANETERIA MEDIA LLC)	19319	04/15/22	05/15/22	A	325.00	PLA02,19319, APRIL-22 WEB HOSTING
04-22	POW02 (PACIFIC POWER GROUP)	691568800	04/01/22	05/01/22	A	1230.91	POW02,6915688-00, MP1146 MAIN RELAY KIT BUS
		6915688COH	04/29/22	05/29/22	A	1230.91	POW02, 6915688-00, MP1146 RELAY KIT-CORRECTI
		6915688REH	04/29/22	05/29/22	A	1230.91	POW02, 6915688-00, MP1146 REALY KIT-REVERSAL
		Vendor's Total ----->				1230.91	
04-22	PRO02 (PROFESSIONAL ELECTRIC)	2800	03/31/22	04/30/22	A	675.00	PRO02, 2800, MP1144 EXTERIOR POWER BACK BUS
04-22	RIC03 (RICHARD MILLER)	1081H	03/15/22	04/14/22	A	6900.00	RIC03,1081, EMAIL SERVER UPGRADE & REPLACEME
04-22	SCB01 (SLIDER CITY BBQ AND CATERIN	04-11-22	04/11/22	05/11/22	A	1846.00	SCB01, BALANCE DUE-ED APPRECIATION LUNCHEON
04-22	SCF01 (SC FUELS)	IN-020768	03/31/22	04/30/22	A	35193.38	SCF01,IN-00000020768, 3/31/22 FUEL DELIVERY
		IN-027608	04/07/22	05/07/22	A	33222.85	SCF01,IN-00000027608, 4/7/22 FUEL DELIVERY
		IN-029542	04/14/22	05/14/22	A	35877.26	SCF01,IN-00000029542, 4/14/22 FUEL DELIVERY
		Vendor's Total ----->				104293.49	
04-22	SHA02 (SHAMROCK OFFICE SOLUTIONS)	577576	03/25/22	04/24/22	A	31.99	SHA02,577576, FRONT DESK PRINTER 2/28/22-3/2
04-22	SOL01 (SOLUTIONS FOR TRANSIT)	22-0405LA	04/05/22	05/05/22	A	2083.33	SOL01,22-0405LAVTA, MAR-22 CLIPPER ANALYSIS
04-22	STA01 (STATE COMPENSATION FUND)	MAY-2022H	04/21/22	05/21/22	A	1286.33	STA01, MAY-22 WORKER'S COMP PREMIUM
04-22	STA04 (STATE BOARD OF)	QTR1-2022H	04/13/22	05/13/22	A	1354.00	STA04, 1ST QTR 2022 UNDERGROUND STORAGE TANK
04-22	STA05 (STATE BOARD OF EQUAL)	QTR1-2022H	04/13/22	05/13/22	A	850.00	STA05, 1ST QTR 2022 EXEMPT DIESEL FUEL TAX
04-22	STA13 (STAPLES CREDIT PLAN)	APR-2022H	04/18/22	05/18/22	A	266.24	STA13, APR-22 CC STATEMENT
04-22	STA15 (STATE WATER RESOURCES CONTRSW0234732	04/06/22	05/06/22	A	1738.00	STA15,SW-0234732, 2022 PERMIT #486635 RUTAN	
	SW0234777	04/06/22	05/06/22	A	1738.00	STA15,SW-0234777, 2022 PERMIT #486680 ATLANT	
		Vendor's Total ----->				3476.00	
04-22	SUD01 (JENNIFER SUDA)	4-13-22EXH	04/14/22	05/14/22	A	39.95	SUD01, 4/13/22 EXPENSE REIMBURSE
04-22	TAX67 (CHRISTEL RAGER)	0202-0223H	04/13/22	05/13/22	A	148.00	TAX67, PARATAXI REIMBURSE 2/2/22-2/23/22
04-22	TEL01 (TPx COMMUNICATIONS)	155045947H	03/31/22	04/30/22	A	2875.05	TEL01,155045947-0, 4/1/22-4/30/22 SERVICE

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04-22	TEN03 (TENNANT SALES AND SERVICE)	918609420	03/25/22	04/24/22	A	12112.28	TEN03,918609420, PO #7573 FLOOR SCRUBBER MAI
04-22	TIC01 (GRACE DRINKWATER)	04-18-22	04/18/22	05/18/22	A	18.00	TIC01, GFI OVERPAY 4/18/2022 - CHANGE OWED
04-22	TOL06 (TOLAR MFR CO INC)	- 14320	04/01/22	05/01/22	A	17240.43	TOL06,14320, PO #7572 9 URBAN SOLAR PV STOP+
04-22	TRA04 (TOAN TRAN)	041822EXH	04/18/22	05/18/22	A	217.25	TRA04, 4/18/22 CalACT SPRING CONF HOTEL REIM
		0419-0422H	04/26/22	05/26/22	A	452.79	TRA04, 4/19/22-4/22/22 CALACT CONF MILEAGE E
		041922PERH	02/22/22	03/24/22	A	296.00	TRA04, 4/19-4/22/22 PER DIEM CalACT CONFEREN
		Vendor's Total ----->				966.04	
04-22	TRI06 (TRI-VALLEY HOSE INC)	109073A	08/02/21	09/01/21	A	21.22	TRI06,109073A, MP1133 REPAIR PARTS - RUTAN F
04-22	TX212 (LINDA WAHLE)	04-11-22	04/11/22	05/11/22	A	136.16	TX212,CHECK #023198 REPLACEMENT-PARATAXI REI
04-22	TX242 (BONNIE WOLF)	0210-0328H	04/14/22	05/14/22	A	120.00	TX242, PARATAXI REIMBURSE 2/10/22-3/28/22
04-22	UBE01 (UBER)	MAR-2022H	04/01/22	05/01/22	A	3170.75	UBE01, MAR-22 BILLING: GO DUBLIN
04-22	VER01 (VERIZON WIRELESS)	902487707H	03/22/22	04/21/22	A	1885.00	VER01,9902487707, 2/23/22-3/22/22 CELL,WIFI,
04-22	VSP01 (VSP)	APR-2022H	04/12/22	05/12/22	A	557.82	VSP01, APR-22 VISION INSURANCE
		MAY-2022H	04/20/22	05/20/22	A	557.82	VSP01, MAY-22 VISION INSURANCE
		Vendor's Total ----->				1115.64	
04-22	YES01 (YESCO LLC)	IN100956u	04/29/22	/ /		8524.22	Ck# 023076 Reversed
		Total of Purchases ->				1630569.24	

AGENDA

ITEM 5C

STAFF REPORT

SUBJECT: Adoption of a Resolution Declaring that Agency Meetings Will Continue to Be Held Via Teleconference

FROM: Tamara Edwards, Interim Executive Director

DATE: June 6, 2022

Action Required

Staff requests that the Board of Directors adopt resolution 27-2022 declaring that agency meetings will continue to meet via teleconference to ensure the health and safety of the public.

Background

On March 4, 2020, Governor Newsom declared a State of Emergency to make additional resources available, formalize emergency actions already underway across multiple state agencies and departments, and help the State prepare for a broader spread of COVID-19. On March 17, 2020, in response to the COVID-19 pandemic, Governor Newsom issued Executive Order N-29-20, which suspended certain provisions of the Ralph M. Brown Act in order to allow local legislative bodies to conduct meetings electronically without a physical meeting place.

On June 11, 2021, Governor Newsom issued Executive Order N-08-21, which among other things, rescinded his prior Executive Order N-29-20, effective October 1, 2021. At that point, agencies would have transitioned back to public meetings held in full compliance with the preexisting Brown Act teleconference rules. Since the Governor issued Executive Order N-08-21, the Delta variant has emerged, causing a spike in cases throughout the state. As a result, the Governor's proclaimed State of Emergency remains in effect, and state officials, including the California Department of Public Health and the Department of Industrial Relations, have imposed or recommended measures to promote social distancing.

On September 16, 2021, Governor signed Assembly Bill (AB) 361 into law, effective October 1, 2021, to allow agencies to use teleconferencing for public meetings during proclaimed state of emergencies without requiring the teleconference locations to be accessible to the public or a quorum of the members of the legislative body of the agency to participate from locations within the boundaries of the agency's jurisdiction. AB 361 will sunset on January 31, 2024.

Under AB 361, a local agency will be allowed to meet remotely without complying with prior Brown Act teleconference requirements when:

- The local agency holds a meeting during a state of emergency declared by the Governor, and either
 - State or local health officials have imposed or recommended measures to promote social distancing, or
 - The legislative body finds that meeting in person would present imminent risks to the health or safety of attendees.

As discussed above, state officials continue to recommend social distancing. Therefore, LAVTA can continue to conduct meetings via teleconference, as long as it meets the following emergency requirements under Government Code Section 54953(e)(2), added by AB 361:

1. The legislative body gives notice and posts agendas as otherwise required by the Brown Act, including directions for how the public can access the meeting.
2. The legislative body does not take formal action on any item whenever there is a disruption in the meeting broadcast.
3. The public is allowed to provide comment in real time.
4. The legislative body allows time during a public comment period for members of the public to register with any internet website required to submit public comment.

For upcoming teleconference meetings, LAVTA can continue to follow the AB 361 requirements by declaring every 30 days that it has reconsidered the circumstances of the state of emergency and either (1) the state of emergency continues to directly impact the ability of the members to meet safely in person, or (2) state or local officials continue to impose or recommend measures to promote social distancing.

Recommendation

Staff recommends that the Board of Directors adopt Resolution 27-2022 declaring that LAVTA meetings will continue to be held via teleconference.

Attachments:

1. Resolution 27-2022 of the Board of Directors of the Livermore Amador Valley Transit Authority Declaring that Agency Meetings Will Continue to Be Held Via Teleconference

Submitted: _____

RESOLUTION NO. 27-2022

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE LIVERMORE
AMADOR VALLEY TRANSIT AUTHORITY DECLARING THAT AGENCY
MEETINGS WILL CONTINUE TO BE HELD VIA TELECONFERENCE**

WHEREAS, on March 4, 2020, Governor Newsom declared a State of Emergency to make additional resources available, formalize emergency actions already underway across multiple state agencies and departments, and help the State prepare for a broader spread of COVID-19.; and

WHEREAS, on March 17, 2020, in response to the COVID-19 pandemic, Governor Newsom issued Executive Order N-29-20, which suspended certain provisions of the Ralph M. Brown Act in order to allow legislative bodies to conduct meetings electronically without a physical meeting place; and

WHEREAS, on June 11, 2021, Governor Newsom issued Executive Order N-08-21, which specified that Executive Order N-29-20 would remain in effect through September 30, 2021, at which point it would expire; and

WHEREAS, on September 16, 2021, the Governor signed Assembly Bill 361 into law as urgency legislation that goes into effect on October 1, 2021, amending Government Code Section 54953 of the Brown Act to allow legislative bodies to continue to meet remotely during a proclaimed state of emergency where state or local officials have recommended measures to promote social distancing; and

WHEREAS, the Governor's proclaimed State of Emergency remains in effect, and State and local officials, including the California Department of Public Health and the Department of Industrial Relations, have imposed or recommended measures to promote social distancing.

NOW, THEREFORE, BE IT RESOLVED that, in order to ensure the health and safety of the public, meetings of the Livermore Amador Valley Transit Authority, its committees and subsidiary bodies, will continue to be held via teleconference in

accordance with Assembly Bill 361 and the provisions of Government Code Section 54953(e).

PASSED AND ADOPTED by the governing body of the Livermore Amador Valley Transit Authority (LAVTA) this 6th day of June, 2022.

BY _____
Karla Brown, Chair

ATTEST _____
Michael N. Conneran, Legal Counsel

AGENDA

ITEM 5D

STAFF REPORT

SUBJECT: Short Range Transit Plan 2022-2027

FROM: Tony McCaulay, Director of Planning & Marketing

DATE: June 6, 2022

Action

The Projects and Services Committee recommends that the Board approve the 2022-2027 Short Range Transit Plan (SRTP).

Background

Federal transportation statutes require that the Metropolitan Transportation Commission (MTC), in partnership with state and local agencies, develop and periodically update a long-range Regional Transportation Plan (RTP), and a Transportation Improvement Program (TIP) which implements the RTP by programming federal funds to transportation projects contained in the RTP. In order to effectively execute these planning and programming responsibilities, MTC requires that each transit operator in its region which receives federal funding through the TIP, prepare, adopt, and submit to MTC a Short Range Transit Plan (SRTP).

Discussion

In 2019, the Board approved the award of a contract with Nelson\Nygaard Consulting Associates, Inc., for the development of LAVTA's Short Range and Long Range Transit Plans (SRTP and LRTP). The SRTP has a 5-year horizon (2022-2027) while the LRTP has a 20-year horizon (2022-2047). Work on the SRTP began in the fourth quarter of 2019.

The analyses in this report rely on 2019 data, the most recent full year data is available. Traditionally after an Existing Conditions Report is produced, public outreach takes place. This is when community members share their attitudes, behaviors, and priorities for transit. The COVID-19 pandemic has changed everything.

The impacts of COVID-19 are not yet fully understood, and no transit system can know what the long-term implications of the pandemic will be on public transit in general. All of the changes brought about by the pandemic portend that it may take years to regain ridership to pre-COVID-19 levels.

This report will serve as a baseline for pre-pandemic conditions, but with so much still in flux, there will be components of the Short-Range Transit Plan process that will require new

data and tracking of new travel trends and attitudes. The next step in this planning process is the development of the Long Range Transit Plan. A key component of the LRTP will be the solicitation of input from the LAVTA Board of Directors in the early stages of plan development to gain insight into the Board's vision for the future of transit in the Tri-Valley.

Recommendation

Approve the 2022-2027 Short Range Transit Plan and forward to the Metropolitan Transportation Commission.

Attachments:

1. Short Range Transit Plan, 2022-2027
2. Resolution 22-2022

Approved: _____



Short Range Transit Plan

FY 2022-2027

**Livermore Amador Valley
Transit Authority**

May 2022

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EXECUTIVE SUMMARY

This Short-Range Transit Plan (SRTP) is a five-year roadmap for LAVTA. Spanning the time period from 2022 to 2027, it identifies strengths, challenges, and opportunities associated with service today, and uses this information to establish strategies over the next five years. A Long-Range Transit Plan (LRTP) is a longer-term, twenty-year roadmap for LAVTA, covering the span of 2027 to 2047.

This effort can enhance transit in the Tri-Valley area by helping LAVTA to:

- Create a more seamless experience for transit riders
- Enhance bus routes, schedules, and frequencies
- Fine-tune internal workflows, staffing, and operations
- Take steps toward better regional integration
- Define a plan for future capital investments, including technology and infrastructure improvements

A NOTE ABOUT COVID-19

The analyses in this report rely on 2019 data, the most recent full year data that is available. The impacts of COVID-19 are not yet fully understood, and no transit system can know what the long-term implications of the pandemic will be on public transit in general. The changes in travel patterns and behaviors brought on by the pandemic portend that it may take years to regain ridership to pre-COVID-19 levels.

This report will serve as a baseline for pre-pandemic conditions, but with so much still in flux, there will be components of the Short-Range Transit Plan process that will require new data and tracking of new travel trends and attitudes, particularly as services that have been temporarily suspended are evaluated for resumption.

KEY FINDINGS AND OPPORTUNITIES

This section synthesizes findings from this report and highlights opportunities.

Staffing

LAVTA is able to provide quality service because of its employees. The agency operates with a very small administrative staff and typically conducts recruitments open to internal and external candidates. LAVTA currently has multiple key vacant positions that need to be filled.

Facilities

Fleet

The California Air Regulations Board regulations will require LAVTA's fleet to become fully emissions-free by 2040. As LAVTA continues to grow, plans for vehicle replacements, public utility needs, maintenance and storage requirements, and infrastructure need to be identified and implemented.

Bus Yards

As LAVTA ridership grows, the Atlantis facility will need to be fully built out and activated. Scheduling, maintenance and staffing plans will also need to be adopted. The implications of zero-emissions vehicles on the bus yards will also need to be assessed.

Fares

Try Transit Promotion

LAVTA offers a "Try Transit to School" promotion every fall providing unlimited free rides on all regularly scheduled Wheels and Rapid bus routes for a two-week period near the start of the school year, including weekends. The purpose of the promotion is to introduce middle school and high school students to LAVTA's bus services and see how efficient and easy it is to ride transit to and from school. The program also offers parents a safe, convenient and eco-friendly alternative for school transportation. The free rides are not limited to school trips. Students can also use this opportunity to ride transit to hang out with friends or for work, shopping and other activities.

Transit Demand

Land use and travel patterns change over time. Major activity centers that are beyond the limit of a five-minute (one-quarter mile) walk to the nearest stop on

the fixed-route system should be analyzed for potential service. The following are each more than one mile from the nearest stop:

- Lucky Supermarkets shopping center at 1951 Holmes Street in Livermore
- William Mendenhall Middle School

Affordable housing communities more than a five-minute walk from the nearest stop, include:

- Arroyo Commons, 1140 Mocho Street, Livermore
- The Springs, 7100 San Ramon Road, Dublin
- Arbor Vista, 1300 South Livermore Avenue, Livermore

Underserved areas for consideration of future service:

- High density areas: Livermore, south of Stanley Boulevard and in Pleasanton, south of Valley Avenue.
- Major employers on large, limited-access campuses without service: U.S. Army Camp Parks.

Data Needs

Access to Existing Data

In June 2020, the Go Tri-Valley program began service. This partnership with Lyft and Uber will be critical for LAVTA to collect origin and destination data of riders by time of day and day of week to understand travel patterns. LAVTA should compare transit trip availability against the Lyft and Uber data to see if the service is a complement to the bus system or if it is taking riders away.

New Data

Big data from smartphones that measure where people start and end their trips would help LAVTA track demand among non-transit riders. Used every three to five years, it would be possible to track trends that could help ensure LAVTA is serving areas of high demand.

Additionally, it is now possible to use data from Transit app for free to analyze the origins and destinations of transit riders. This could be a great tool to understand current rider patterns.

Service Levels

Many routes have not met productivity standards for their service group. Notably, none of the three Express Routes met the standard of 15 boardings per trip. Similarly, five of the nine local routes did not meet the standard of 10 boardings per revenue hour.

Temporary Service Changes

In response to shifts in demand for transit and staffing shortages related to the Covid-19 Pandemic, particularly decreased demand for regional commute services as remote work has increased, some services have been temporarily suspended or reduced. Demand for service should continue to be monitored throughout the pandemic recovery to determine the appropriate time for service restoration. Returning to pre-pandemic service levels, as informed by observable changes in travel demand and as allowed by staffing availability should continue to be LAVTA's top service planning priority. No additional service changes are recommended as a part of this SRTP.

1 Introduction

PROJECT BACKGROUND

The Livermore Amador Valley Transit Authority (LAVTA) has engaged the services of Nelson\Nygaard to develop a Short-Range Transit Plan (SRTP) and a Long-Range Transit Plan (LRTP). This effort can enhance transit in the Tri-Valley area by helping LAVTA to:

- Create a more seamless experience for transit riders
- Enhance bus routes, schedules, and frequencies
- Fine-tune internal workflows, staffing, and operations
- Take steps toward better regional integration
- Define a plan for future capital investments, including technology and infrastructure improvements

This chapter explains what an SRTP and LRTP are and how this report is organized. It also presents a summary of key findings and opportunities from this report, as well as next steps in the SRTP/LRTP process.

WHAT IS AN SRTP AND LRTP?

A Short-Range Transit Plan (SRTP) is a five-year roadmap for LAVTA. Spanning the time period from 2022 to 2027, it identifies strengths, challenges, and opportunities associated with service today, and uses this information to establish strategies over the next five years. A Long-Range Transit Plan (LRTP) is a longer-term, twenty-year roadmap for LAVTA, covering the span of 2027 to 2047.

Underpinning this effort to develop an SRTP and LRTP is a series of community engagement activities. These will help to ensure that the plan balances our shared community priorities.

LIMITATIONS OF THIS REPORT DUE TO COVID-19

The analyses in this report rely on 2019 data, the most recent full year data is available. Traditionally after an Existing Conditions Report is produced, public outreach takes place. This is when community members share their attitudes, behaviors, and priorities for transit. The COVID-19 pandemic has changed everything.

The impacts of COVID-19 are not yet fully understood, and no transit system can know what the long-term implications of the pandemic will be on public transit in general.

During the pandemic, transit agencies around the world have restricted occupancies on vehicles, waived fares, and discouraged ridership except when necessary. While most agencies have reintroduced fares, ridership is still below pre-pandemic levels and existing funding sources are not generating income at levels they used to. This decrease in funding could not come at a worse time as transit operators face a perfect storm: staffing issues making it difficult to operate daily service, increased operations costs for cleaning and purchase of personal protective equipment, and a less productive service brought on by capacity restrictions. All these changes portend that it may take years to regain ridership to pre-COVID-19 levels.

This report will serve as a baseline for pre-pandemic conditions, but with so much still in flux, there will be components of the Short-Range Transit Plan process that will require new data and tracking of new travel trends and attitudes.

This report was delayed due to priorities shifting to COVID-19 response. One project that moved forward despite the pandemic conditions, was the expansion of the GoDublin program to a fully implemented Go Tri-Valley program in June 2020. This program provides a 50% subsidy (up to \$5) on any shared Uber or Lyft trip in the Tri-Valley area. This program is not included in this report because it happened after the analyses for the report concluded, and any data at this stage would be skewed due to COVID-19 and because program is new. Going forward, data collection for origins and destinations, ridership trends, and financial information will be necessary for LAVTA.

Temporary route and schedule adjustments were made to better align service with demand, including a reduction in commuter services and school tripper services (which have since been restored as schools reopened and demand returned). As demand for service and changes in travel patterns continue to be

monitored carefully, services may begin to be restored as demand warrants prior to making any major service changes.

HOW IS THIS REPORT ORGANIZED?

Following this section, chapters two through eight, as well as Appendix A, focus on different aspects of the LAVTA system (Figure 1).

Figure 1 Report Structure

Chapter	Title	What questions does the chapter answer?
2	LAVTA History and Structure	<ul style="list-style-type: none"> How is LAVTA organized? How has the agency changed since its inception? What facilities does LAVTA have and what expansion plans are on the table?
3	Transit Demand Analysis	<ul style="list-style-type: none"> What conditions create demand for transit? Where is transit demand located? Are there gaps or redundancies?
4	Fixed Route System Evaluation	<ul style="list-style-type: none"> When and where does the system currently run? What fare products are available? What patterns does ridership reveal? How has the system performed against its service standards? How has the system performed against its service standards?
5	Paratransit Services Analysis	<ul style="list-style-type: none"> How does on-demand Dial-A-Ride work? What fare products are available? What patterns does ridership reveal? How has the system performed against its service standards?
6	Service Standards Evaluation	<ul style="list-style-type: none"> What are LAVTA's Mission, Vision, Values, Goals, and Strategies? How is system route level performance measured? How do individual routes and the system perform in relation to performance reassures?
7	Operations Plan & Budget	<ul style="list-style-type: none"> What temporary service changes were implemented due to the Covid-19 Pandemic and when should service be restored? How much service can be provided in the future based on forecasted revenues?

SHORT RANGE TRANSIT PLAN FY 2022 – 2027

Livermore Amador Valley Transportation Authority

Chapter	Title	What questions does the chapter answer?
8	Capital Improvement Program	<ul style="list-style-type: none">▪ What capital improvements can LAVTA make in the future?▪ How much revenue is available in any given year to make these purchases and improvements?
A	Route Profiles (Appendix)	<ul style="list-style-type: none">▪ When does each route have high ridership? Low ridership?▪ How often are buses on time?▪ How productive is each route?

2 LAVTA HISTORY AND STRUCTURE

AGENCY HISTORY

LAVTA, also known as Wheels, was established in May 1985 as an independent agency by a Joint Powers Agreement (JPA) between the cities of Dublin, Livermore, Pleasanton, and Alameda County to develop and operate local and intercity public transportation in the Tri-Valley. LAVTA's first start in providing transit service began with four fixed routes on nine leased buses in the cities of Dublin and Pleasanton. On July 1, 1987, the City of Livermore's Rideo system fully merged with LAVTA, providing connections between cities within the Tri-Valley area, including the unincorporated portions of Alameda County.

The LAVTA Maintenance, Operations and Administration (MOA) facility was built in 1991 on Rutan Court. This facility is the base for all of LAVTA's operations, providing all maintenance and dispatch. The LAVTA administration, including agency and contracted operations staff, are located at the MOA as well.

In 1996, LAVTA became fully compliant with the provisions of the Americans with Disabilities Act (ADA), with a fully wheelchair accessible fixed-route and paratransit fleet.

In 1997, the SF Bay Area Rapid Transit (BART) Dublin/Pleasanton extension was completed, which necessitated Wheels to provide service to the new station. That same year, Direct Access Responsive Transit (DART) was established, which was a fixed-route system with demand-responsive capabilities. Midday and Saturday service for local routes were also discontinued.

In 1999, LAVTA started regional express service, routes 70X and 20X, and a subscription service to Silicon Valley, named the Prime Time Express. Also that year, the Livermore Transit Center was completed at the Railroad and Old First Street intersection in downtown Livermore. This transit center currently allows LAVTA riders to transfer seamlessly with Altamont Commuter Express (ACE).

In 2008, the Great Recession occurred, which led to diminished federal, state, and local funding sources. This necessitated LAVTA to reduce revenue hours by

25% in 2009. Additionally, the fare structure was reconfigured to provide increased fare revenue, resulting in increases in fares and the loss of free fixed route services that were available to senior and disabled passengers.

In January 2011, the bus rapid transit (BRT) line, named the Rapid, was implemented, leading to some increases in ridership through 2013. In 2011, LAVTA changed its model for paratransit service delivery from contracted-directly operated to contracted-brokerage and hired American Logistics Company (ALC) to provide the service.

In 2013, LAVTA completed Phase I and II construction of the Atlantis Operations and Maintenance Facility, a secured parking facility with bus wash and fueling functions. This facility is prepared to take on fleet expansions or additions, should they occur in the future.

In 2014, Medical Transportation Management (MTM) assumed paratransit services after the contract with ALC expired.

In 2015, LAVTA joined the majority of the Bay Area transit operators in accepting Clipper® cards onboard all buses.

In 2016, LAVTA completed a comprehensive operations analysis (COA) of the entire system, implementing numerous route changes and the elimination of a few routes.

In January 2017, LAVTA launched the Go Dublin! pilot program that was aimed at providing transit to low-density suburban areas of Dublin that saw the removal of fixed route service by LAVTA through the COA. Through this rideshare program, LAVTA partners with Lyft, Uber, and DeSoto Cab and subsidizes fares for riders who take trips within Dublin city limits. Each qualifying trip receives a 50% discount (up to \$5). Originally just planned for six months, the program was extended and then expanded in June 2020 to include the entire Tri-Valley area.

In November 2020, LAVTA introduced shared autonomous vehicle (SAV) service for a limited time. The service is provided first- and last-mile connections to/from the East Dublin/Pleasanton BART Station. The vehicle operated in mixed traffic and its initial route was just under one mile and included two stops and one traffic light.

The LAVTA Wheels bus system includes a network of 29 routes serving the Dublin, Pleasanton, and Livermore area, including two Rapid routes and 15 school-focused routes. Paratransit service, branded as Dial-A-Ride, are also provided.

GOVERNANCE

LAVTA is governed by a seven-member Board of Directors. The Board is responsible for establishing policies for the agency and consists of two representatives from the cities of Livermore, Dublin, and Pleasanton, and one member representing Alameda County. Board meetings are held at LAVTA's MOA facility.

The mayors of each municipality appoint elected city council members to terms on the LAVTA Board, with each mayor having sole appointment authority. Board authority is based on a Joint Exercise of Powers Agreement that was approved by all member jurisdictions in 1985. There are no term limits on Board appointments, and Board members may be appointed or discharged at any time. The current members of the LAVTA Board include:

- Karla Brown, (Board Chair) Mayor, City of Pleasanton
- David Haubert, (Vice Chair) Supervisor, First District, Alameda County
- Gina Bonanno, Vice Mayor, City of Livermore
- Brittni Kiick, Councilmember, City of Livermore
- Kathy Narum, Councilmember, City of Pleasanton
- Jean Josey, Vice Mayor, City of Dublin
- Melissa Hernandez, Mayor, City of Dublin

Board Chair and Vice Chair serve one-year terms beginning on July 1 of every year. There are no term limits on either position. The Agency's bylaws mandate that the Chair and Vice Chair positions rotate between the three cities and the County.

LAVTA's Board is divided into two committees that meet regularly to consider items within each committee's purview. These two committees are Finance and Administration, and Projects and Services.

The current members of the Finance and Administration Committee are:

- Brittni Kiick (Chair)
- Kathy Narum (Vice Chair)
- Melissa Hernandez

The current members of the Projects and Services Committee are

- Jean Josey (Chair)

- Gina Bonanno (Vice Chair)
- David Haubert
- Karla Brown

ORGANIZATIONAL STRUCTURE

Organizational Hierarchy

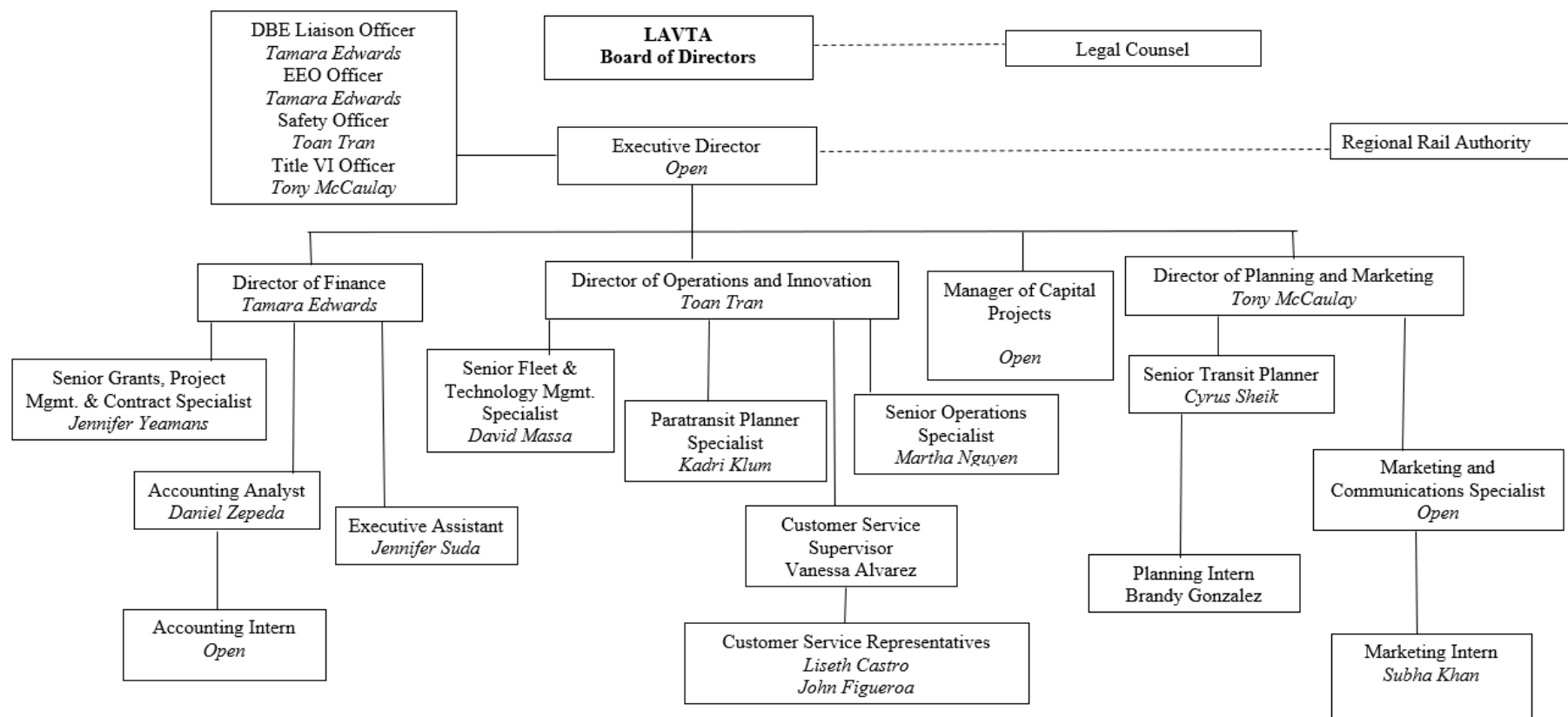
LAVTA's seven-member Board of Directors governs the activities of the LAVTA staff. The Agency is headed by an Executive Director, who oversees planning, communications, finance, administration, and Agency contracts for transit and paratransit services. An organizational flow chart is shown in Figure 1.

Transit and Paratransit Service Contracts

LAVTA contracts with outside companies for both fixed-route transit and paratransit management, operations, and maintenance. Transdev operates paratransit and MV Transportation, Inc. (MV) operates fixed-route transit.

Transdev's paratransit contract began on April 1, 2021 and is scheduled to expire on June 30, 2022. A joint RFP with Central Contra Costa Transit Authority (CCCTA) was issued in January 2022 with the new contract expected to start on July 1, 2022. The contract includes a four-year based term and one-year option term.

Figure 1 LAVTA Organization Flow Chart



EXISTING FACILITIES

LAVTA owns two facilities, one on Rutan Court and the other on Atlantis Court, but primarily operates out of the Rutan Court facility.

The LAVTA maintenance, operations, and administration (MOA) facility on Rutan Court was built in 1991 and is located in a light industrial/office park area near the Livermore Municipal Airport. The facility is well situated within the overall Wheels service area and is near the I-580/Isabel Avenue interchange and Stanley Boulevard. The facility is currently occupied by LAVTA and MV staff.

A second property on Atlantis Court, also near the airport, provides overflow parking for fixed route buses, overnight parking for DAR vehicles, and offices for DAR dispatchers. The site includes a paved parking lot, fencing, lighting, offices, and a bus fueling and washing station. LAVTA is currently developing the bridging documents and 60 percent design plan sets in preparation for a potential design/build solicitation. The total construction cost is estimated at \$35 million.

Administration

All administrative services of the agency are housed within the Rutan MOA facility, including those for executive, planning, finance, and administrative functions. This location also provides office space for the contractor's management and operation functions, such as those for site manager offices, dispatch work stations, and driver break room facilities. Board meetings and other public meetings are also held here. The front desk sells tickets and assists customers with applying for regional transit passes or Clipper cards.

Maintenance and Fueling

The Rutan MOA facility contains a maintenance facility with a total of six indoor vehicle bays as follows:

- 1 steam bay
- 2 rack lift bays
- 3 general bays

A canopied outdoor area provides two lanes for fueling incoming buses that have returned to the yard from their runs. At that location, the vehicle fareboxes are emptied and the bus interiors are cleaned. Adjacent to the fuel island is an automated bus washer for daily bus washes.

Vehicle Storage and Staging

With a theoretical maximum capacity of 70 vehicles, the Rutan MOA facility is insufficient for the current daily staging and operation of the entire LAVTA revenue and support fleet. Therefore, contingency fleet vehicles are stored at the Atlantis location. As of the February 2020 signup, no vehicles were dispatched directly to or from the Atlantis facility, but given the capacity constraints of the Rutan facility, any notable increase in peak vehicle pull could require that some vehicles be staged from Atlantis.

The Rutan MOA is equipped to handle buses up to 40 feet long. The Atlantis facility could be configured to handle articulated coaches that are 60 feet long.

Park-and-Ride Lots

There are five park-and-ride locations within the LAVTA service area that provide all day parking for the purposes of carpooling or taking transit. The downtown Livermore parking structure is the largest facility and is located adjacent to the Transit Center. The downtown Livermore parking structure offers top deck parking for LAVTA and ACE Train passengers. It is a dual-purpose facility in the sense that it also serves as parking for downtown Livermore shoppers or other general trips that terminate in the vicinity of the garage. The California Department of Transportation (CalTrans) operates two surface lots, one on Portola Avenue in Livermore, which is lightly used, and one on Johnson Drive in Pleasanton, which is heavily used by private shuttles. In addition, the BART District owns and maintains a park-and-ride on Airway Boulevard that is minimally used. Finally, there is a park-and-ride-designated portion of the parking lot at the Dublin Center office complex off Tassajara Road which is utilized by private shuttles. All these facilities have lighting and passenger shelter areas. Figure 2 summarizes these locations and their respective car parking capacities.

Figure 2 Description of Park-and-Ride Lots in the LAVTA Service Area

Location	Number of Spaces	Year Built
Transit Center/Livermore Downtown	500 (133 for transit use)	2005
Dublin Center/Tassajara Rd and Dublin Blvd	200	2001
BART Park-and-Ride/Airway Dr and Rutan Ct	150	1990
CalTrans/Portola Ave and P St	100	2003
CalTrans/Johnson Dr and Stoneridge Dr	100	2003

Although LAVTA service is not focused on serving park-and-rides, most of these park-and-ride facilities are served directly or are in the vicinity of bus routes. However, many of the park-and-rides are currently used by carpoolers or private shuttle buses and not LAVTA bus passengers.

In 2015, the Alameda County Transportation Commission, in partnership with the Tri-Valley cities and LAVTA, launched a comprehensive Tri-Valley Integrated Park and Ride Study. The study, which was adopted in 2017, ultimately recommended multiple measures for the Tri-Valley area, which included:

- A high-frequency shuttle (15 minutes) between the Airway Park and Ride Lot and the Dublin/Pleasanton BART Station during peak hours as a pilot project
- Construction of a new park and ride lot at Bernal Ave/I-680
- Construction of a new parking garage at the Dublin/Pleasanton BART Station
- Facility enhancements like lighting, security cameras, bicycle parking facilities and wayfinding signage at all park and rides in the area
- Intelligent Transportation System (ITS) enhancements like transit signal priority, real-time vehicle arrival/departure information, and real-time parking occupancy information

Transit Stops and Stations

Transit Stops

LAVTA serves over 1,000 bus stops in its service area. Approximately 40% of these stops are for mainline routes and the remaining 60% are for school trippers. The signage and amenities at each individual stop vary widely

depending on service levels, patronage, and right-of-way constraints. At the lowest end of the scale, school tripper-only stops are primarily a red-and-white stencil marking on the curb. This is not ideal, as it can be difficult for riders to locate these stops. Highly-patronized stops in backbone service corridors typically feature seating, shelters, and full signage including route numbers, schedules, and vicinity maps. Approximately 70 bus stops feature digital displays showing real-time arrival information generated by the agency's automatic vehicle locator (AVL) system. Stops with real-time arrival information are located along the Rapid bus lines, at select locations in the Hacienda Business Park area, and also at the Livermore Transit Center and E. Dublin/Pleasanton BART station.

Bus stops located within public right-of-way are subject to the features and improvements completed by the municipality that these are located in. Not all bus stops have the same level of investment. For example, bus stops are not equally well-lit at night or wheelchair accessible and may have other site-specific or contextual deficiencies. Similarly, a stop may be sited so that it is safe for passengers to wait for, board, or get off a bus, but there may not be a crosswalk available nearby.

The agency provides cleaning and maintenance of its owned bus stop facilities. Some stops are maintained by an apartment complex or a business park. Maintenance for shelters, benches, and signs at the agency-owned locations is performed by LAVTA's operations contractor. Periodic cleaning, such as emptying trash receptacles and power washing, is performed by a separate contractor.

LAVTA has been conducting an inventory of its bus stops approximately every five years. The last such effort was completed in 2018 and included updating an amenities and attributes database.

GPS-satellite based surveys to geocode the bus stop locations are entered into the Automatic Vehicle Location (AVL) system. This information is used for passenger counts and to track on time performance.

Transit Center

The only facility owned by LAVTA classified as a "station" is the Livermore Transit Center. The Transit Center features eleven bus bays, restroom facilities, bike racks, and the agency's customer services which sells tickets on site. It is

located adjacent to the Livermore ACE Train Station and also is served by one Amtrak bus.

In 2017, the Southern Pacific's historic train depot in downtown Livermore was relocated to the downtown Transit Center property to serve as LAVTA's Transit Center operations building. LAVTA's existing Transit Center building was demolished and a new foundation for the historic building was constructed and building renovation began. LAVTA's Transit Center staff moved into the newly renovated depot building in August 2018.

BART Stations

The Dublin/Pleasanton Bay Area Rapid Transit (BART) station was opened in May 1997 and is owned and operated by BART. The facility features a total of 17 bus bays and enables bus-exclusive through operation via a tunnel under the freeway. One elevator and three escalators link the fare gate area on the ground level with the train platform above.

Prior to the recent housing construction, a mix of structured and open parking spaces provided close to 3,000 parking spaces at this station exclusively for use by train patrons.

The West Dublin/Pleasanton BART station, opened in February 2011, provides a total of six bus bays and approximately 1,150 parking spaces. Bus operations at this station are constrained by the lack of vehicle through access between the Dublin and Pleasanton sides of the station. One elevator and two escalators link the fare gate area on the mezzanine level with the train platform below. A pedestrian bridge across I-580 provides access to the station, which is located in the median.

Bicycle Facilities

Bicycles are accommodated on LAVTA buses when available capacity and space permit. For this purpose, all vehicles in the fleet are equipped with a 2- or 3-slot bicycle rack that is mounted on the front outside of the bus.

Stationary bicycle storage is limited; LAVTA provides bike racks at a few of its Rapid-branded bus stops and at the Livermore Transit Center. LAVTA passengers may also use the bike lockers provided at BART and ACE stations, including the ACE bike lockers located at the Livermore Transit Center.

3 Transit Demand Analysis

Transit is about getting from A to B. But what are the “A”s and “B”s, and why are they important?

This chapter focuses on demand for transit trips, and specifically the origins and destinations that affect this demand. In terms of origins – the “A”s – we focus on demographics that tend to correlate with increased transit use. In terms of destinations – the “B”s – we identify employment and other locations, such as major retail, that tend to attract transit trips.

The underlying demand for transit is driven by a number of factors. For resident-based travel, the following four factors are particularly important and are the major focus of this market analysis:

- **Population and Employment Density:** In places where larger numbers of people live and/or work in close proximity, transit demand is higher.
- **Socioeconomic Characteristics:** Different people have different “propensities” to use transit, with differences related to socio-economic characteristics. For example, people who live in households with one or more cars are less likely to use transit than those without any access to a car.
- **Major Activity Centers:** Major activity centers are places that attract many people and may generate demand for transit service. These include major employers, medical facilities, colleges and universities, and shopping centers.

These factors are the primary drivers of transit demand and, as such, provide strong indications of underlying transit demand. However, it should also be noted that other factors also influence transit demand, including:

- **Urban Form/Land Use:** While directly related to the population and employment densities of an area, the urban form or land use in an area should ideally go beyond providing density. Providing a diversity of uses at street-level, good connectivity of the multimodal network, major destinations along reasonably direct corridors, and comfortable and safe spaces for people all can influence transit demand.

- **Pedestrian Environment:** Nearly all transit riders are also pedestrians, and thus, walking environments strongly impact ridership. In general, people will walk one-quarter of a mile to access transit. However, in comfortable pedestrian environments, many transit riders will walk longer distances; in uncomfortable environments, many will walk less.

It's all about density

All demographic variables are described in terms of *density per acre*, because higher concentrations of people benefit transit in two ways: (1) density increases the likelihood of transit use, and (2) transit is able to serve dense areas much more efficiently than lower density areas.

Data sources and geographic units

Data used in this report is based on US Census 2018 American Community Survey (ACS) 5-Year Estimates for most variables and is presented at the block group level. The one exception is employment, which is based on Longitudinal Employer-Household Dynamics (LEHD) data from 2017, and collected at the block level but summarized at the block group level.

How this chapter is organized

Following the summary of key points, this chapter is organized into four sections:

- **Demographics.** This presents densities of population, employment, zero-vehicle households, low-income households, older adults, people with disabilities, and people identifying as a race/ethnicity other than white.
- **Demographic trends.** This section outlines recent demographic changes in the Tri-Valley area.
- **Major activity centers.** Major activity centers are important in understanding what the “B”s are in transit demand: where are transit riders mostly likely trying to go?
- **Transit propensity.** Transit propensity combines several demographic characteristics to identify locations that have a higher combined likelihood – or “propensity” – of transit usage.

KEY POINTS

- LAVTA serves higher-density areas well. However, the service provided may not necessarily connect to all destinations riders may want to go to. There are some gaps in service coverage in three key areas: Livermore, south of Stanley Boulevard and in Pleasanton, north of Valley Avenue. Steep topography, barriers created by freeways, and irregular arterial roadway connectivity makes providing efficient fixed-route service to some of these areas challenging.
- LAVTA serves nearly all major activity centers within a five-minute walk (one-quarter mile). Exceptions include the Lucky Supermarkets shopping center at 1951 Holmes Street in Livermore, William Mendenhall Middle School, and several areas in west Dublin east of San Ramon Blvd and north of Amador Valley Blvd. Each are more than one mile from the nearest stop.
- LAVTA cannot serve the interior of limited-access campuses, including the Lawrence Livermore and Sandia National Laboratories and U.S. Army Camp Parks.
- Three affordable housing communities are located more than a five-minute walk from the nearest stop, including the following:
 - Arroyo Commons, 1140 Mocho Street, Livermore
 - The Springs, 7100 San Ramon Road, Dublin
 - Arbor Vista, 1300 South Livermore Avenue, Livermore
- The overall population grew by 9% between 2013 and 2018.
- The number of older adults and residents who identify as a race/ethnicity other than white grew 25% and 23%, respectively, during that same time period.
- Employment grew 15% from 2013 to 2018.

DEMOGRAPHICS

Figure 3 provides a summary of various demographic indicators in the Tri-Valley. For each indicator, the table lists the citywide total number of people, areas with higher densities, and potential gaps in transit service provision. Maps of each indicator are available on subsequent pages.

Figure 3 Demographic Details

Indicator	Total within LAVTA Service Area	High Density Areas	Potential Service Gaps
Population <small>Figure 5</small>	269,066 <small>Population, 2014-2018 ACS</small>	<ul style="list-style-type: none"> ▪ Downtown Livermore, between Portola Avenue and the ACE corridor ▪ Dublin between Central Parkway and I-580 ▪ Alamo Creek Villas, immediately west of Camp Parks on Dougherty Road 	<ul style="list-style-type: none"> ▪ Holmes Street corridor in Livermore

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Indicator	Total within LAVTA Service Area	High Density Areas	Potential Service Gaps
Employment <small>Figure 7</small>	151,957 <small>Employment, 2017 LEHD</small>	<ul style="list-style-type: none"> West Pleasanton, in and around the Stoneridge shopping center Central Pleasanton, between Las Positas Boulevard and I-580 Central Dublin, between Amador Valley Boulevard and I-580 Lawrence Livermore and Sandia National Laboratories Downtown Livermore, between 4th Street and the ACE corridor 	<ul style="list-style-type: none"> Lawrence Livermore and Sandia National Laboratories U.S. Army Camp Parks
Zero-vehicle households <small>Figure 11</small>	7,626 <small>People living in households without access to a vehicle, 2014-2018 ACS</small>	<ul style="list-style-type: none"> Alamo Creek Villas, immediately west of Camp Parks on Dougherty Road Central Livermore, within one mile of the Livermore ACE station 	<ul style="list-style-type: none"> No notable gaps
Low-income households <small>Figure 12</small>	42,472 <small>People living in households with incomes below \$50,000, 2014-2018 ACS</small>	<ul style="list-style-type: none"> Downtown Livermore, within one mile of the Livermore ACE station Vineyard Avenue corridor in Pleasanton Alamo Creek Villas, immediately west of Camp Parks on Dougherty Road 	<ul style="list-style-type: none"> No notable gaps

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Indicator	Total within LAVTA Service Area	High Density Areas	Potential Service Gaps
Older adults (65+) Figure 13	34,187 People aged 65+, 2014-2018 ACS	<ul style="list-style-type: none"> Central and South Livermore, south of Portola Avenue and west of Wente Street Central Pleasanton, south of Stoneridge Drive and west of Iron Horse Trail Alamo Creek Villas, immediately west of Camp Parks on Dougherty Road East Pleasanton, east of Santa Rita Road and between Stoneridge Drive and I-580 	<ul style="list-style-type: none"> South Livermore, south of 4th Street and Stanley Boulevard
People with disabilities Figure 14	8,033 People with a disability; 2014-2018 ACS	<ul style="list-style-type: none"> East Avenue corridor in Livermore Central Pleasanton, near the intersection of Hopyard Road & Stoneridge Drive 	<ul style="list-style-type: none"> South Livermore, south of 4th Street and Stanley Boulevard
People identifying as a race/ethnicity other than White Figure 15	136,733 People identifying as a race/ethnicity other than White; 2014-2018 ACS	<ul style="list-style-type: none"> Central Pleasanton, near the intersection of Las Positas Boulevard and Santa Rita Road Downtown Livermore, south of Portola Avenue Alamo Creek Villas, immediately west of Camp Parks on Dougherty Road 	<ul style="list-style-type: none"> South Livermore, south of 4th Street and Stanley Boulevard Ruby Hill gated community West Dublin

POPULATION AND EMPLOYMENT

For scheduled transit to be successful, it must be direct, frequent, easy to access, and available when people need it. For non-school routes, more than any other factors, population and employment density determines whether this is possible:

- Transit needs to serve sufficiently high volumes of travelers to be cost-effective, and the density of development in an area determines the overall size of the travel market. The reach of transit is generally limited to within one-quarter to one-half mile of the transit line or station; thus, the size of the travel market is directly related to the density of development in that area
- To attract travelers who have other options, such as automobiles, transit must be relatively frequent—at least every 30 minutes. Below that, transit can be expected to serve only those who do not or cannot drive
- Suggested transit service frequency in relation to population and employment densities is shown in Figure 4

Population-Based Demand




























Demand for transit service is derived in part from having a population base to support that demand for transit service. The population density of a place can indicate what kind of transit service may be appropriate and how frequently it should operate; an area with higher population density can support more frequent transit service. Overall population densities are relatively low (below 10 residents per acre) in many areas of the Tri-Valley, and few areas are able to support high-frequency transit service, with headways of 15 minutes or less, based on population density alone. Population density is highest in the following areas, which may support transit service frequencies of 15 minutes or better:

- Downtown Livermore, within roughly one mile of the Livermore ACE station
- North Central Pleasanton, within roughly one mile north or south of Las Positas Boulevard
- Isolated multi-family residential communities of Alamo Creek Villas, just west of U.S. Army Camp Parks and Stoney Creek/Livermore Gardens, just west of Lawrence Livermore National Laboratory

In other areas of the Tri-Valley, current population densities are more likely to support transit service frequencies of between 15 and 60 minutes. However, some portions of the Tri-Valley have low population densities of fewer than 2 residents per acre, and these areas may not support fixed-route transit service based on population density alone. In addition to low population densities, these areas typically feature challenging topography, circuitous roadway networks, limited pedestrian facilities, or other features that make operating fixed-route transit service difficult. Such low-density areas unlikely to support fixed-route service include:

- Schaefer Ranch
- Hillside communities of Pleasanton west of Foothill Road
- Hagemann Ranch neighborhood of Livermore, between Jack London Boulevard and Stanley Boulevard, Isabel Avenue, and Murrieta Boulevard
- Other residential areas of Livermore generally south of Concannon Boulevard and east of Holmes Street

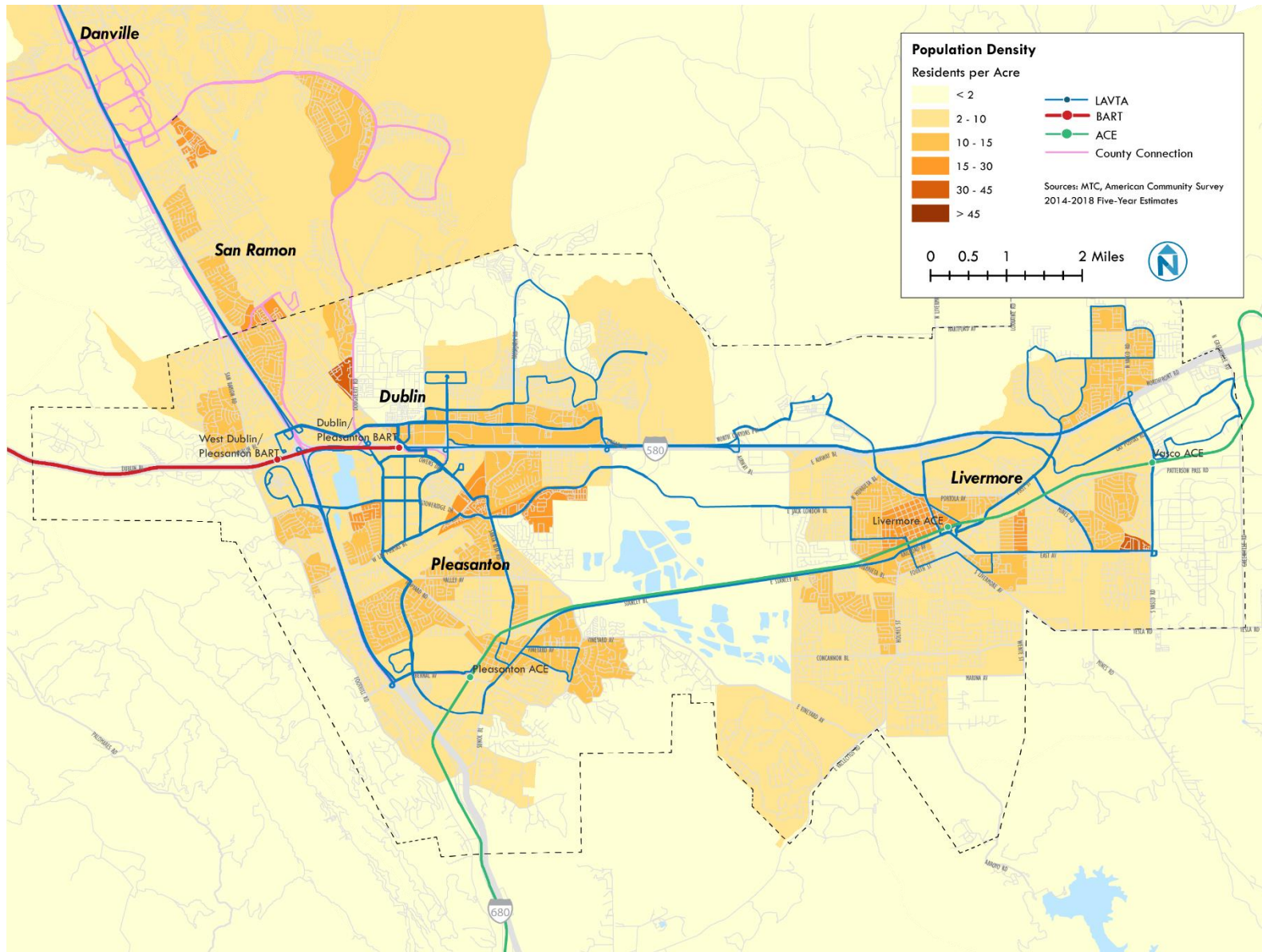
Figure 4 Land Use and Transit Demand

LAND USE			TRANSIT	
Land Use Type	Residents per Acre	Jobs per Acre	Appropriate Types of Transit	Frequency of Service
 Downtowns & High Density Corridors	>45	>25	 Light Rail  BRT  Rapid Bus  Local Bus	 10 mins or better
 Urban Mixed-Use	30-45	15-25	 BRT  Rapid Bus  Local Bus	 10-15 minutes
 Neighborhood & Suburban Mixed-Use	15-30	10-15	 Local Bus	 15-30 minutes
 Mixed Neighborhoods	10-15	5-10	 Local Bus  Micro-transit	 30-60 minutes
 Low Density	2-10	2-5	 Micro-transit  Rideshare  Volunteer Driver Pgm	 60 mins or less or On Demand
 Rural	<2	<2	 Rideshare  Volunteer Driver Pgm	 On Demand

Source: Thresholds based on research by Nelson\Nygaard.

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Figure 5 Population Density



Employment-Based Demand

The concentration of jobs is also an indication of the level of transit service that may be useful and productive. Like population density, the underlying demand for transit generally grows with an increase in employment density. In general, an area with two to five jobs per acre can support hourly transit service while an area with five to 10 jobs per acre can support service every thirty minutes. Understanding where there is a concentration of jobs and when people need to be commuting is important when thinking about transit service because in many places, transit services are largely supporting trips to and from work. The employment density map for the Tri-Valley is included in Figure 7.

Major employment centers of the Tri-Valley are generally distinct from the areas with highest population density identified in the preceding section. Some of the most significant employment centers in the LAVTA service area include:

- Lawrence Livermore and Sandia National Laboratories;
- Stoneridge Mall;
- Central Livermore, between 4th Street and the ACE corridor;
- Central Pleasanton, between Las Positas Boulevard and I-580;

Some of the largest employers associated with each of these areas are shown in Figure 6.

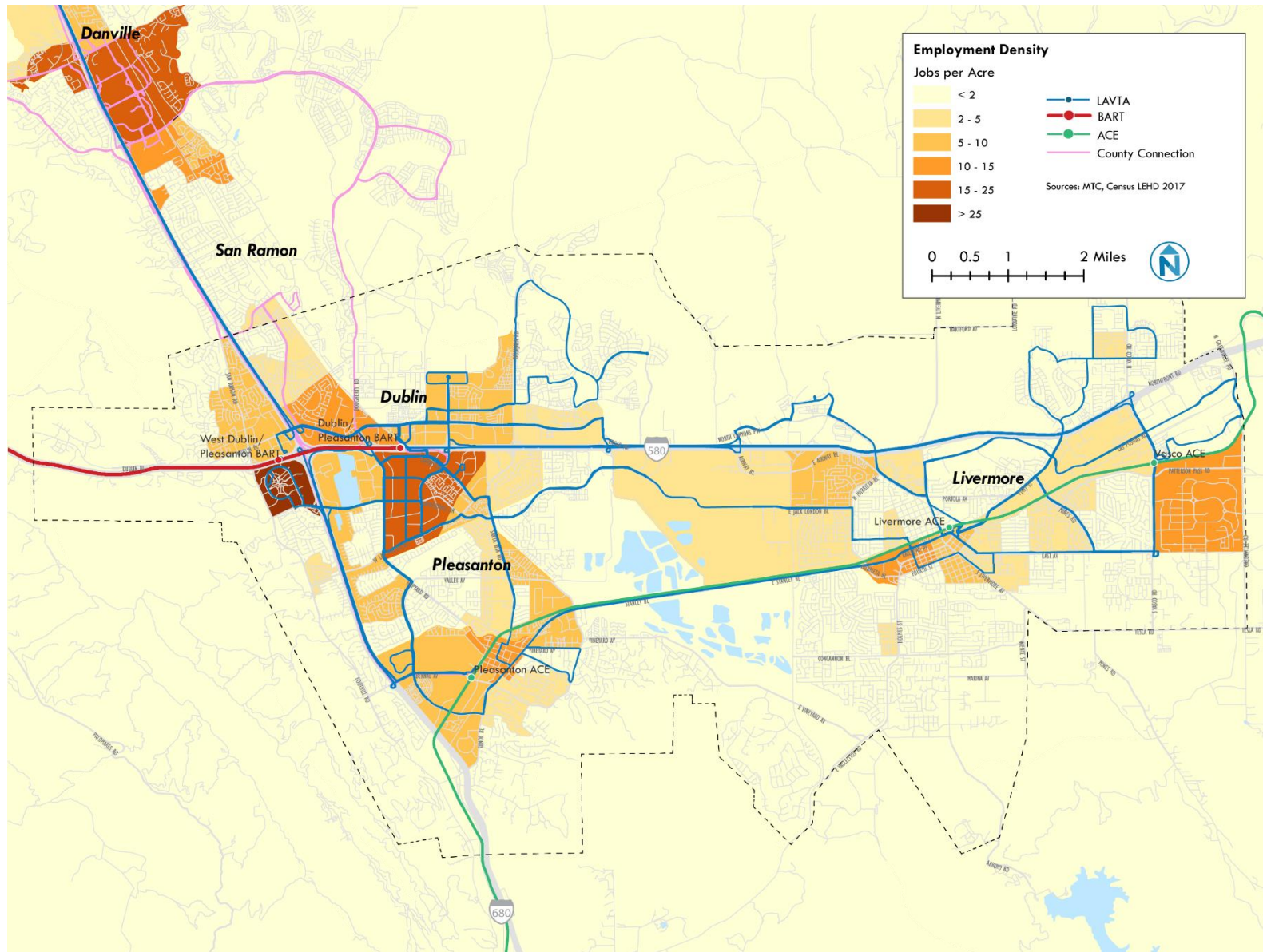
Figure 6 Selected Large Tri-Valley Employers

Employment Center	Largest Employers
Dublin	Alameda County's Santa Rita Jail and the Federal Correctional Institute (FCI), Ross Stores HQ
Stoneridge Mall	Safeway HQ, Workday, Macy's
Hacienda Business Park (Pleasanton)	Oracle, Kaiser Permanente, State Fund - Compensation Insurance, Stanford Healthcare ValleyCare, Clorox
Lawrence Livermore/Sandia National Laboratories	
Central Livermore	Stanford Healthcare ValleyCare

Sources: City of San Ramon; City of Dublin Comprehensive Annual Financial Report FY 2018, p. 208; City of Pleasanton; City of Livermore

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Figure 7 Employment Density



Composite Density of Population and Employment

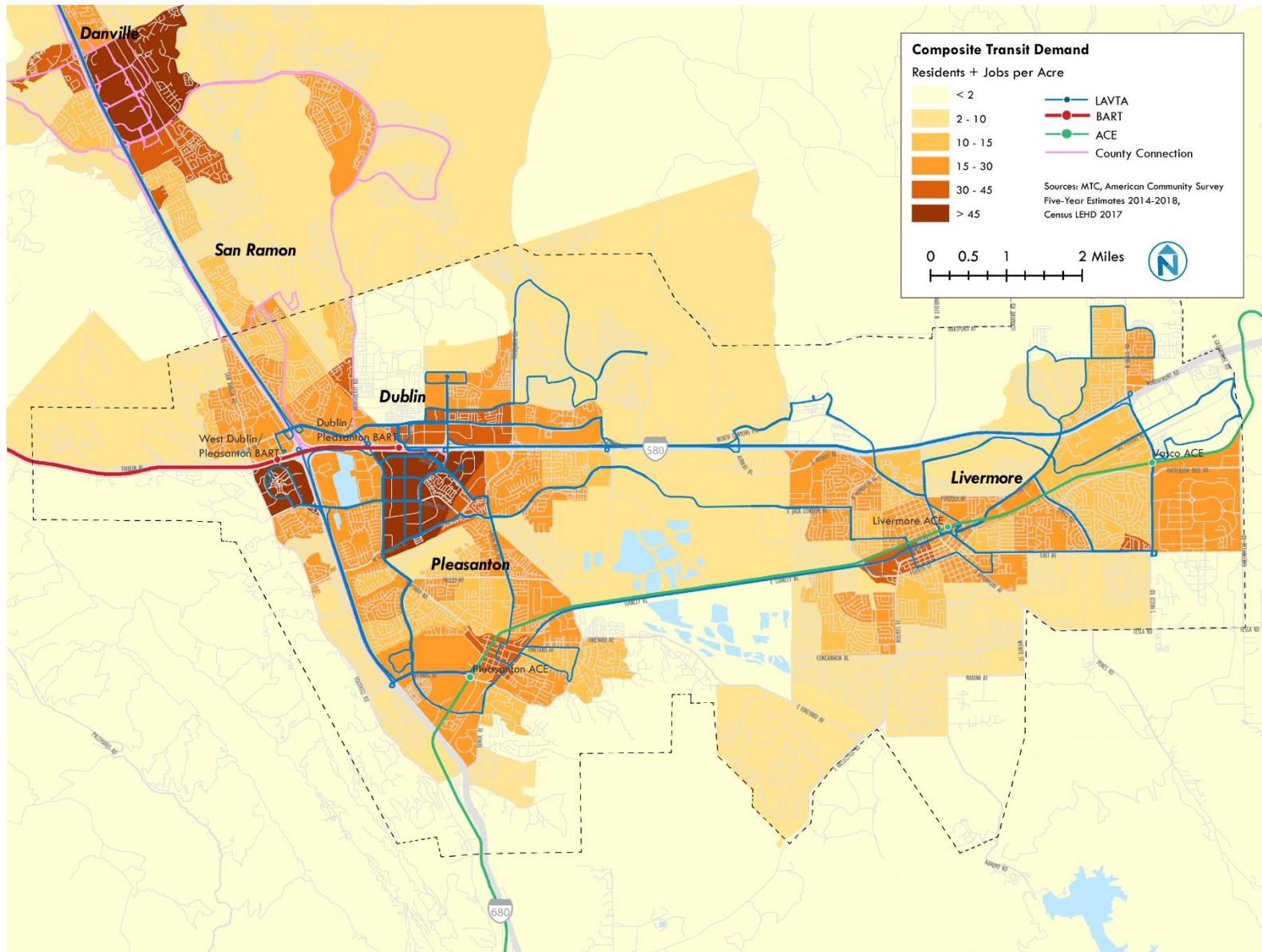
Combining the employment density and adjusted population density maps allows us to layer the potential demand for transit based on population, employment, and socioeconomic characteristics in one value and one map. The formula for calculating composite population/employment density is given by “composite density = [population] + (2 * [employment]),” because employment typically generates twice as much transit demand, per job, as every additional resident. This is because in most communities people are more likely to use transit for commuting than for other, non-commute trips. The composite transit demand based on population and employment, combined, is shown on Figure 8.

Composite Density based on Land Use Mix

Understanding the mix of population and employment density can highlight areas of mixed use versus single use. This is helpful in understanding whether transit demand in each area is derived more from residents or workers. Composite density based on land use mix is shown in Figure 9.

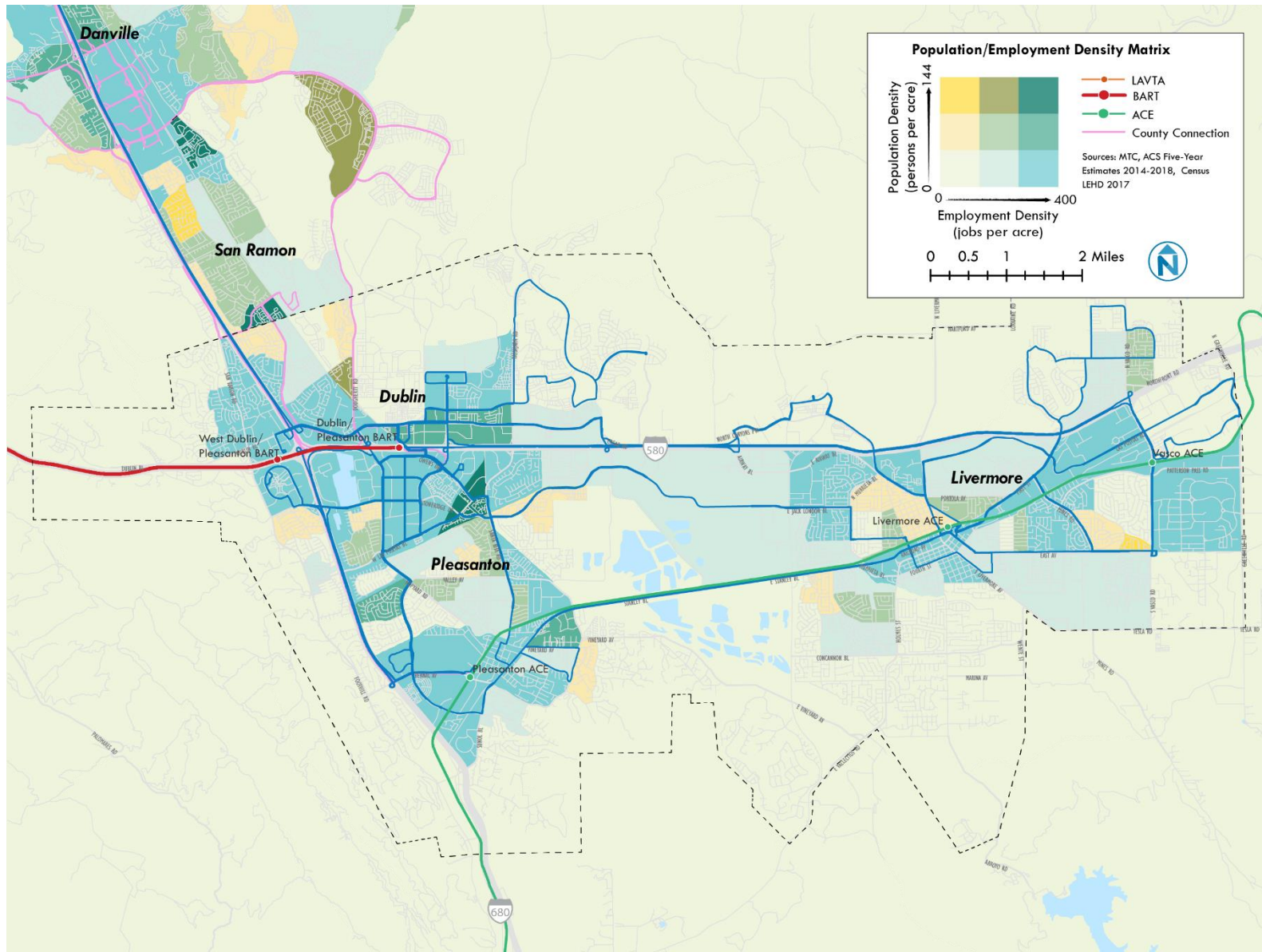
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Figure 8 Composite Transit Demand



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Figure 9 Population/Employment Density Matrix



DEMOGRAPHIC TRENDS

Trends in demographic indicators help to understand changes over time, and changes to anticipate in the future. Figure 10 lists each of the demographic indicators found within the LAVTA service zone, with values from 2013 and 2018. All indicators except low-income households and zero-vehicle households have increased over the five-year period.

The indicators that increased the most, and at rates higher than the growth in population, are: older adults (65+), people who identify as a race/ethnicity other than white, employment, and people with disabilities. Populations of low-income households and zero-vehicle households each declined slightly, likely the result of the Bay Area's affordable housing crisis pushing these communities to lower-cost regions as higher income households, also displaced by the housing crisis, continue to move further out.

Figure 10 Change in Demographic Indicators

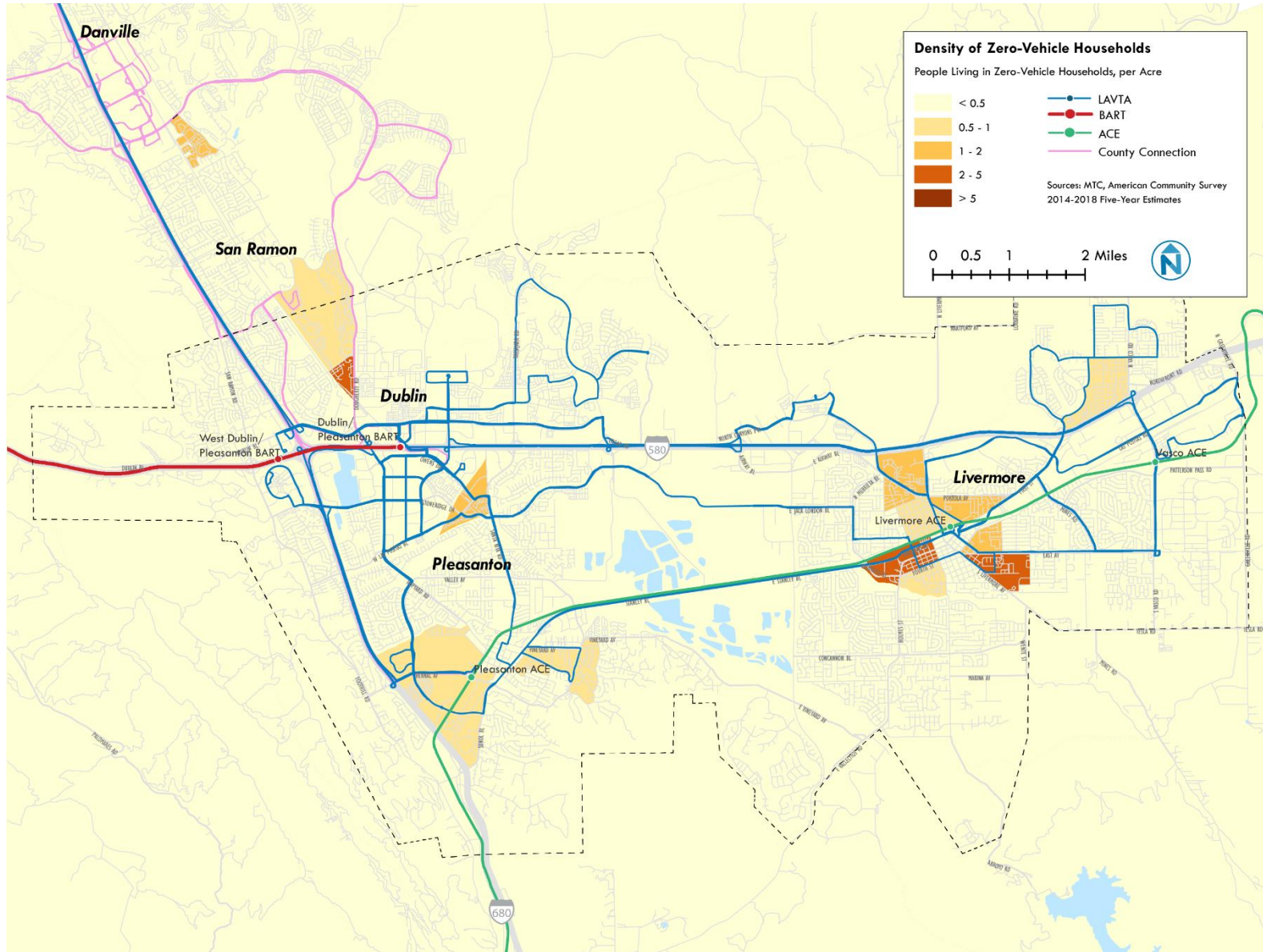
Indicator	2013	2018	Change	Percent Change	Average Annual Change
Population	245,608	269,066	23,458	9%	2%
Employment	129,402	151,957	22,555	15%	3%
Zero-vehicle households	7,696	7,626	(70)	-1%	0%
Low-income households	44,599	42,472	(2,127)	-5%	-1%
Older adults (65+)	25,687	34,187	8,500	25%	5%
People with disabilities	6,702	8,033	1,331	17%	3%
People identifying as a race/ethnicity other than White	105,268	136,733	31,465	23%	4%

Note: [A] Employment for 2018 is based on 2017 values. No data from 2018 or 2019 are available.

Source: 2009-13 and 2014-18 ACS 5-Year Estimates; 2017 LEHD

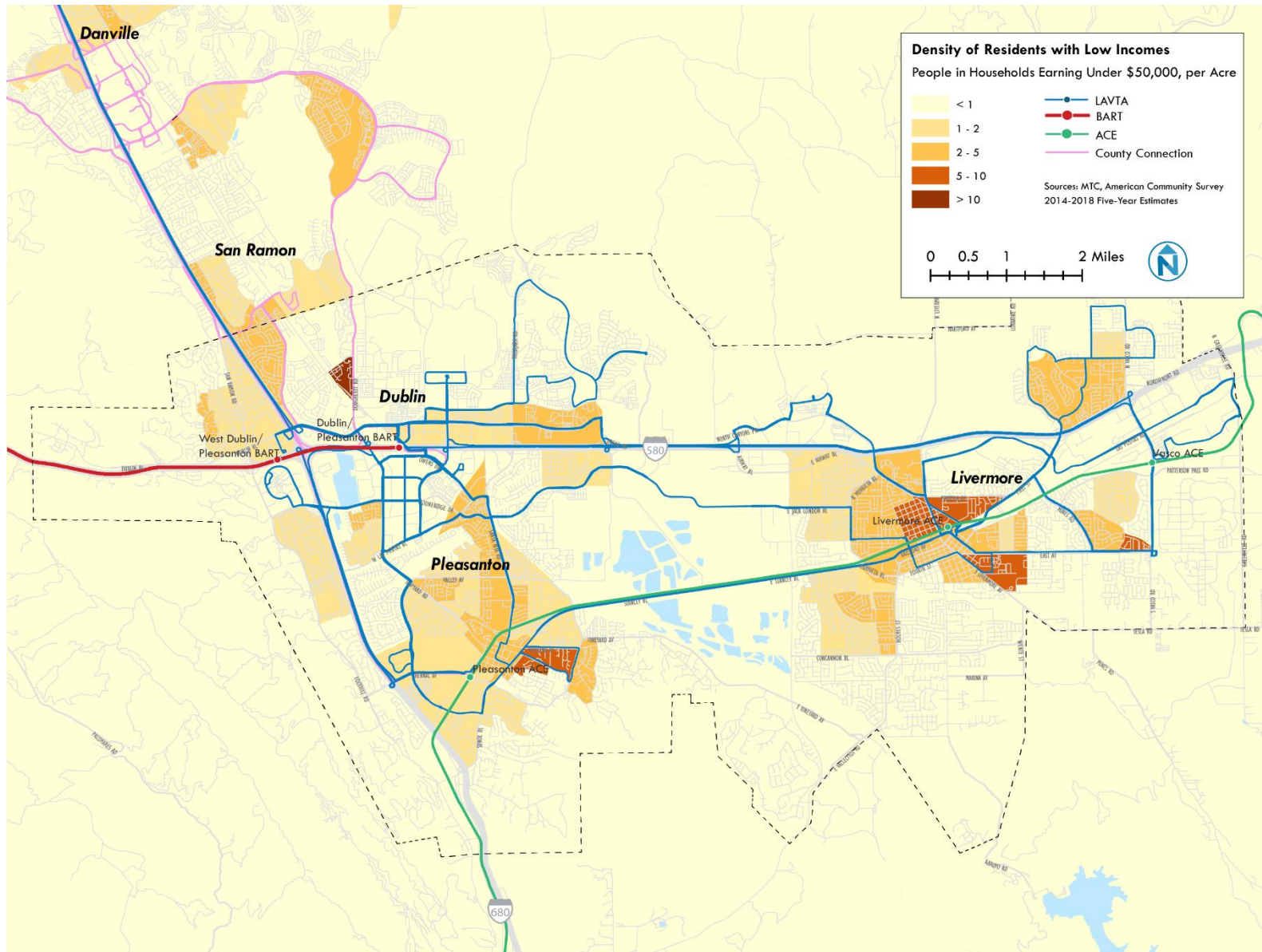
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Figure 11 Density of Zero Vehicle Households



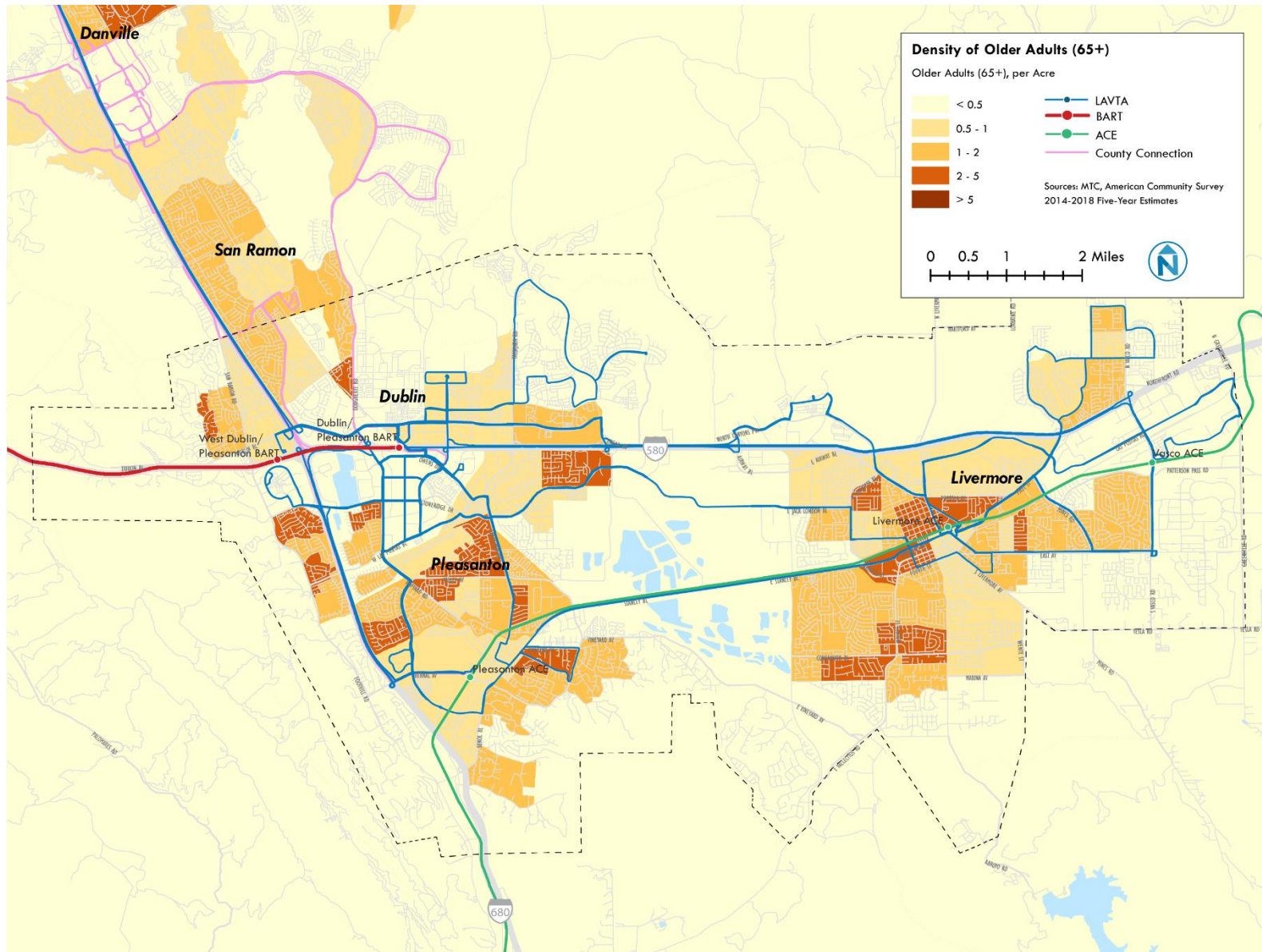
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Figure 12 Density of People with Low Incomes



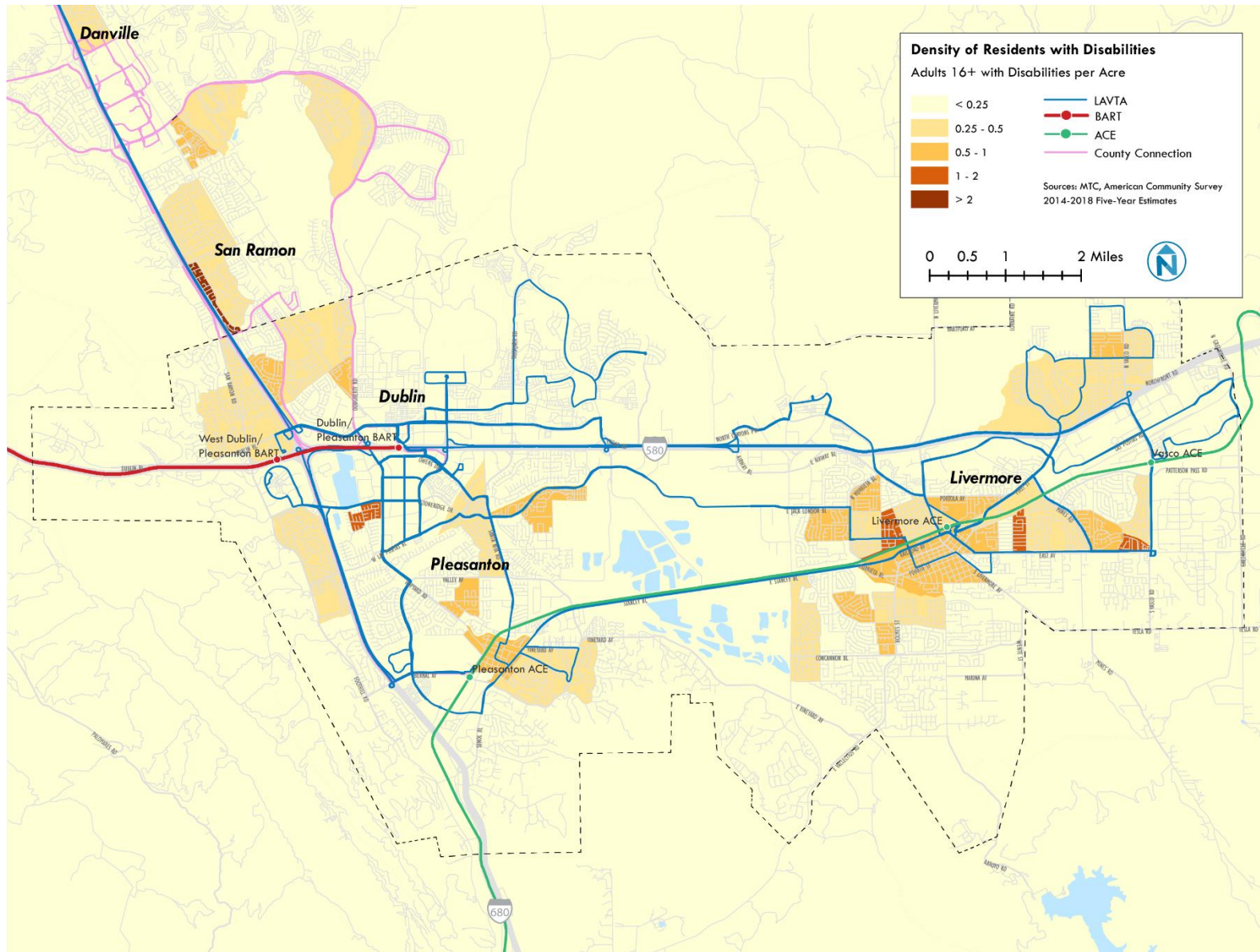
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Figure 13 Density of Seniors (Age 65+)



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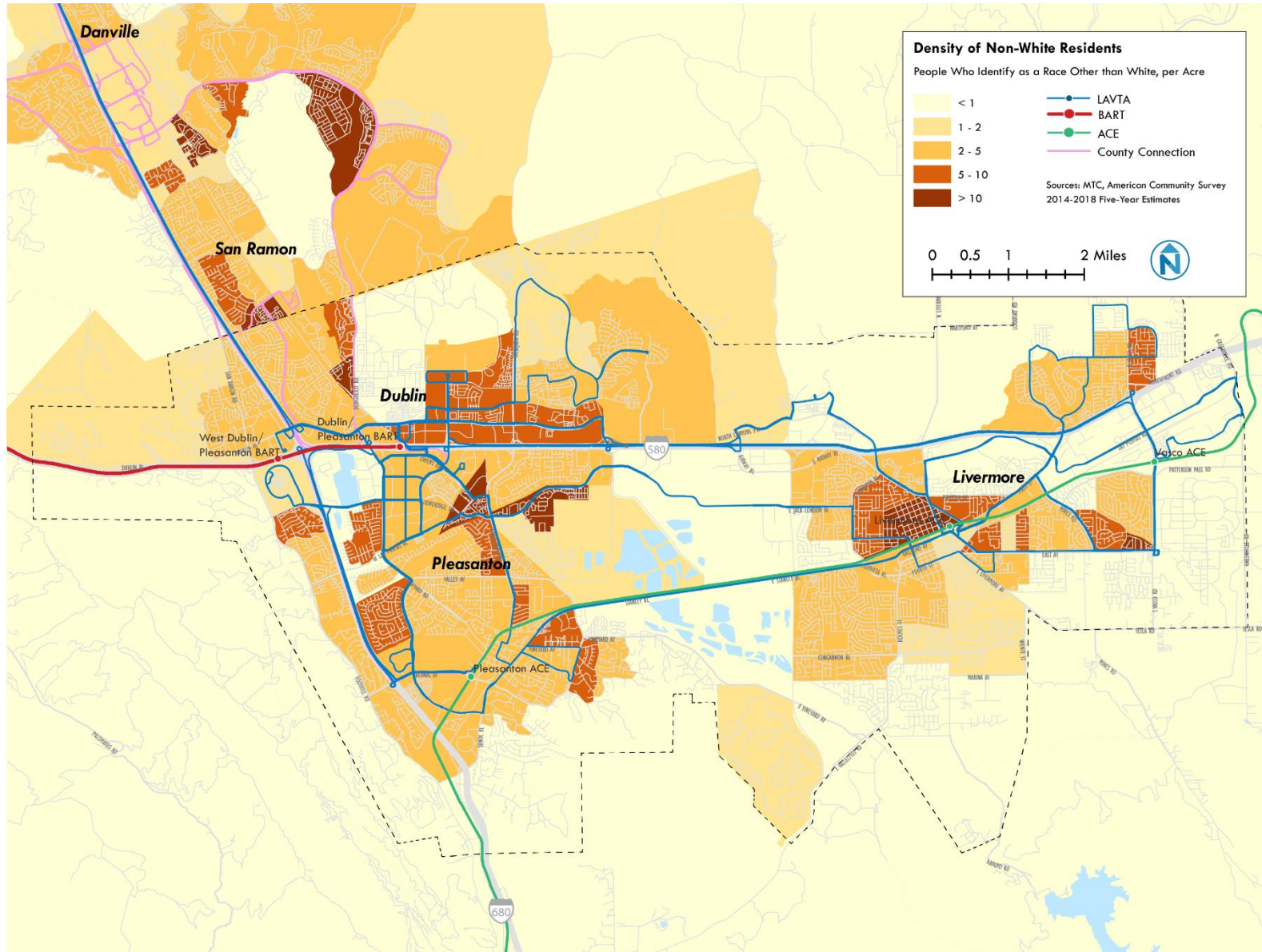
Figure 14 Density of People with Disabilities



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Figure 15 Density of People Who Identify as a Race/Ethnicity Other than White



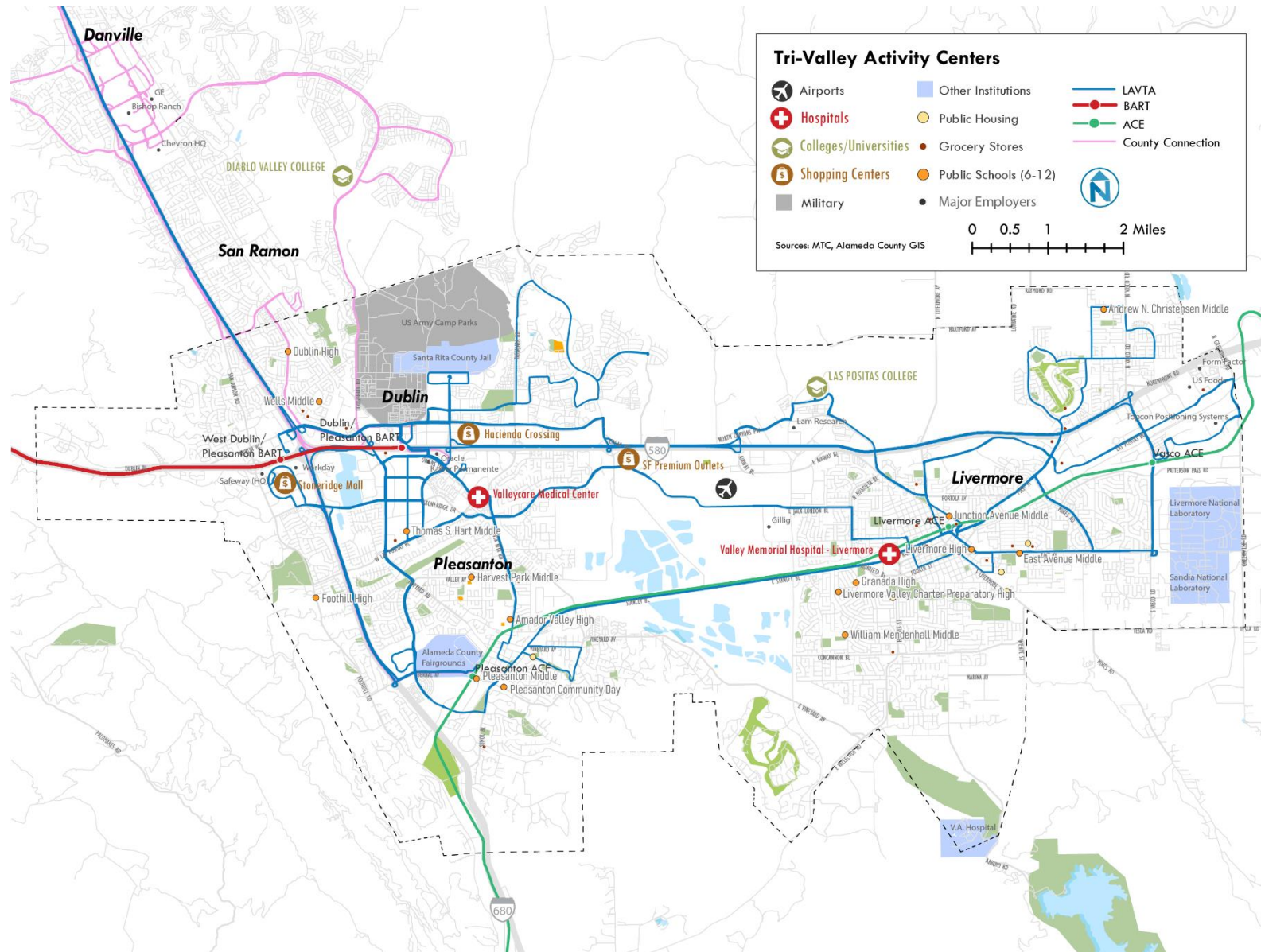
MAJOR ACTIVITY CENTERS

Transit serves as a means for people to access job sites, commercial centers, medical facilities, schools, recreational sites, and to meet with friends or family. These destinations are distributed throughout the Tri-Valley area, yet some individual destinations have high levels of demand and tend to be near some of the busiest transit stops in the region.

Some of these major destinations include educational facilities like Las Positas College, Foothill High School, Amador Valley High School, Dublin High School, Granada High School, and Livermore High School. Other popular activity centers are commercial and shopping centers like Stoneridge Mall, Hacienda Crossings, or San Francisco Premium Outlets. Major employers like Kaiser Permanente, Safeway Headquarters, or Oracle generate significant transit demand. The Dublin/Pleasanton and West Dublin/Pleasanton BART stations are also popular destinations. LAVTA serves all of these major activity centers (see Figure 16).

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Figure 16 Tri-Valley Activity Centers



TRANSIT PROPENSITY INDEX

The combination of the demographic variables presented previously indicate locations where transit demand is expected to be highest. When just identifying where there is population dense enough to support transit use, it is possible to overlook areas with perhaps lower population density, but a higher likelihood of using transit, and focus on areas that may have greater population density but people living there who are less likely to use transit.

Certain factors may play a more dominant role in an individual's decision to use transit, though the variables are all weighted equally in this analysis for simplicity.¹ Transit propensity in LAVTA's service zone was evaluated by the density of people with the following attributes:

- **Vehicle Ownership:** People living in households without a vehicle, either by choice or due to limited resources, are more likely to use transit than those with access to a car.
- **Household Income:** Owning and operating a car is expensive. People living in households with low incomes, earning less than \$50,000 per year, are more likely to use **local bus service** more regularly than other groups due to limited access to a vehicle, and they may rely on transit as their primary mode of transportation.
- **Race and Ethnicity:** Residents who identify as a race/ethnicity other than white generally have higher rates of transit use, and the provision of effective transit service to minority populations is also particularly important to the Federal Transit Administration and is a requirement under Title VI of the Civil Rights Act of 1964.
- **Age:** Older adults (ages 65+) often become increasingly transit-dependent as they age. Many older adults cannot drive for legal or health-related reasons, or because they are living on fixed incomes in their retirement.

¹ Another approach for estimating transit propensity was considered but ultimately rejected. This approach adjusts for the propensity of different demographics groups to use transit by using "transit propensity factors." Transit propensity factors indicate how much more or less likely specific groups of people are to use transit for commuting compared to the overall population in the study area. According to the American Community Survey, Alameda County's transit mode share among commute trips is about 15%, and Contra Costa County's transit mode share is about 10%. However, this Census dataset consolidates all "transit", including BART and commuter rail, and ignores the commonly observed demographic differences between rail and bus ridership. Using county-level transit propensity factors, the demographic groups with the highest transit propensity – defined as all forms of public transit, including BART and commuter rail – include people in white-collar occupations and people living in households earning more than \$75,000. These characteristics reflect BART's higher share of total transit commutes in the East Bay, and are less reflective of smaller, locally-oriented bus systems like LAVTA.

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- **Disability Status:** People with disabilities² may be more likely to rely upon public transit and paratransit services to get around, particularly if the nature of their disability prevents them from driving.

Figure 17 shows the areas with highest transit propensity/demand. The figure also shows transit demand outside of LAVTA's service area, such as San Ramon and Danville, to compare transit demand with neighboring municipalities. The figure indicates the areas with the highest transit demand are:

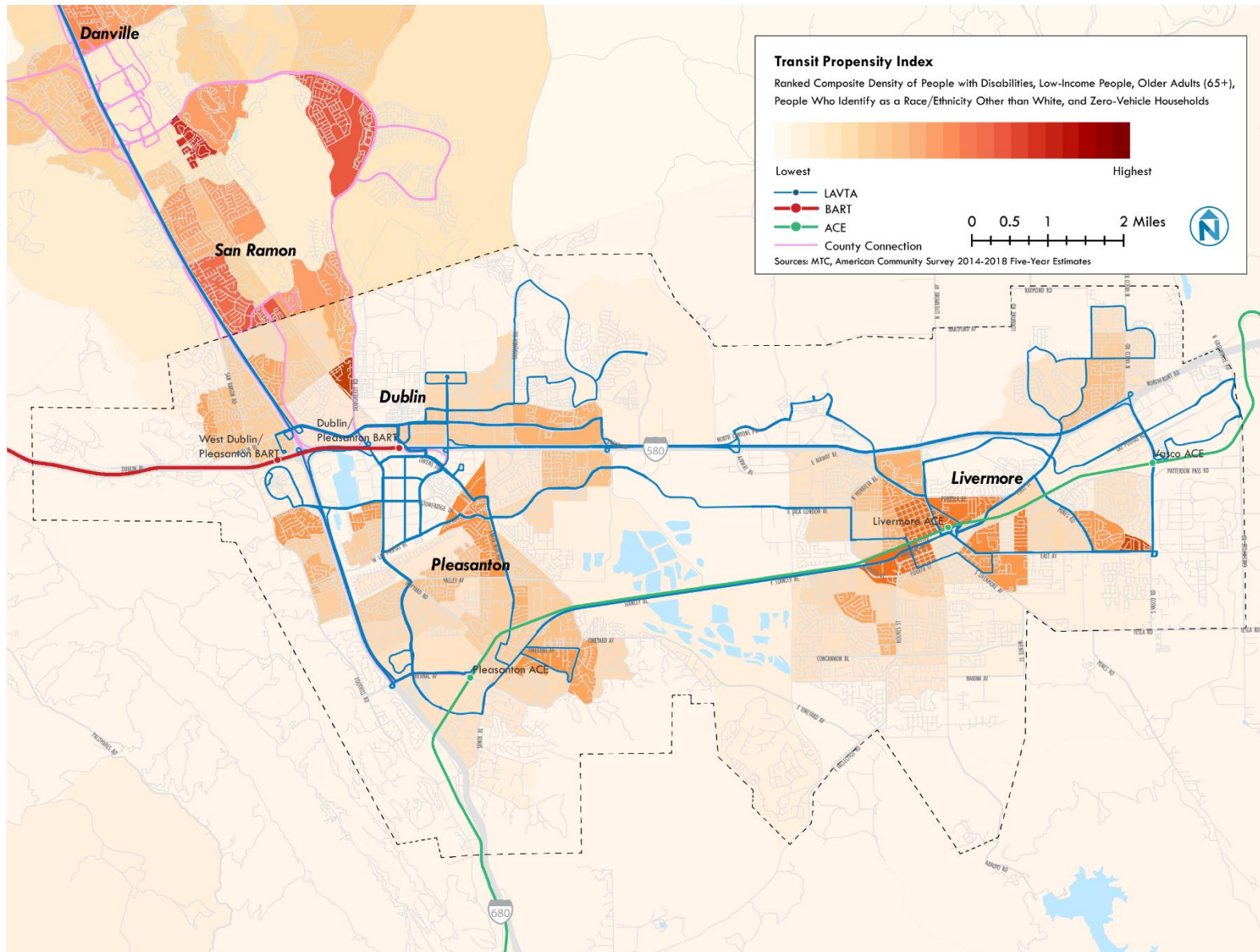
- In Livermore, within roughly one mile of the Livermore Transit station;
- The East Avenue corridor in Livermore;
- The Vineyard Avenue corridor
- The multi-family apartment communities in central Pleasanton, near the intersection of Las Positas Boulevard and Santa Rita Road.

These areas are all served by transit. One notable area with moderate levels of transit demand but no transit access is in Livermore south of 4th Street.

² This analysis analyzes disability status among the population ages 20 to 64, per the universe defined by the American Community Survey's Table B23024.

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Figure 17 Transit Propensity Index



4 FIXED-ROUTE SERVICE EVALUATION

This chapter takes a deep dive into LAVTA's fixed-route service. How does it operate and how is it used?

Fixed-route service operates on consistent schedules and alignments. This chapter is organized into four sections:

- **Overview of System:** Provides a basic overview of the LAVTA fixed route system, including its routes and fare structure/programs.
- **Fleet Information:** Provides a fleet roster of LAVTA fixed route vehicles and upcoming fleet replacement plans.
- **Service Standards Evaluation:** Presents the service standards adopted by LAVTA and then evaluates them against five to ten years of historical data. Standards are broken into systemwide and route-level standards and encompass a variety of metrics including ridership, productivity, and cost.
- **On-Time Performance:** While not a service standard, on-time performance was also evaluated to assess the extent to which LAVTA vehicles stay on schedule.

KEY POINTS

Topic	Key Points
Systemwide Standards	<ul style="list-style-type: none"> ▪ Systemwide Ridership: Ridership had been gradually declining prior to FY2017 but increased in both FY2018 and FY2019. Because of the impact of the pandemic, ridership dropped in both FY2020 and FY2021. Standard: Increase from prior year Achieved in FY 2019: Yes ▪ Passengers per Revenue Hour: Had been declining over the last ten years but appears to have stabilized. Standard: At least 15 passengers per revenue hour Achieved in FY 2019: No ▪ Passengers per Revenue Mile: Has been declining over the last ten years but appears to have stabilized. Standard: At least 1 passenger per revenue mile Achieved in FY 2019: No ▪ Farebox Recovery Ratio: Has hovered between 15 to 20% in the last five years. Standard: At least 20% Achieved in FY 2019: No ▪ Change in Operating Cost per Hour: Between 2015 and 2018, operating costs rose less than 5% above the Bay Area CPI. In 2019, costs increased more than 5% of the CPI. Standard: Less than 5% above the Bay Area CPI Achieved in FY 2019: Yes
Route Standards	<ul style="list-style-type: none"> ▪ Routes are organized into one of four categories: Rapid, Local, Express, and School Tripper. ▪ Rapid and Local route productivity is measured by boardings per revenue hour. Standard: 15 boardings per revenue hour for Rapid routes, 10 boardings per hour on Local routes,. - Rapid: The two Rapid routes <u>did not meet</u> the standard. - Local: Five of the nine routes <u>met</u> the standard. ▪ Express and School Tripper route productivity is measured by boardings per trip. Standard: 15 boardings per trip. - Express: All three routes <u>did not meet</u> the standard. - School Tripper: 11 of 15 routes <u>met</u> the standard ▪ About half of LAVTA's routes (15 of 29) met their respective standard.

Topic	Key Points
On-Time Performance	<ul style="list-style-type: none"> There is no systemwide on-time performance standard On-time performance among most routes are within the 80 to 90 percent range.

OVERVIEW OF SYSTEM

LAVTA's 29 fixed routes can be divided into four main categories, as follows:

Rapid: Routes 10R and 30R, branded as Rapid Routes by LAVTA, are the system's two rapid routes. Rapid routes operate between the municipalities in the service area. Rapid routes generally operate all day with regular frequencies, usually every 15 minutes, and have a relatively long service span.

Local: Routes 1, 2, 3, 8, 11, 14, 15, 53, and 54. Local routes serve smaller geographic areas with about half of the routes operating during peak hours only and the other half operating all day. Local routes are designed to "feed" rapid routes, intercity express bus services, and BART and ACE trains. They often cover shorter distances and have longer headways (30 to 60 minutes).

Express: Routes 20X, 70X, and 580X. Express service operates at 30 to 60-minute headways during peak periods, focusing on linking people in cities or neighborhoods to a specific employment area or a major transit hub. Route 20X and 580X provide peak-hour service from East Dublin/Pleasanton BART to locations in Livermore. Route 70X provides peak hours-only service connecting East Dublin/Pleasanton BART to Pleasant Hill BART and Walnut Creek BART.

School Trippers: Routes 501, 502, 503, 504, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, and 611. School trippers operate Monday through Friday and are intended to help area students get to and from school. Service is always open to the general public.

Fixed-Route Services

Figure 18 shows LAVTA's routes, while Figure 19 shows the transit network with connecting agency routes. Service is strongly oriented towards providing connections to BART service, with focal points at the East and West Dublin/Pleasanton BART stations. Several routes also serve stations of the Altamont Corridor Express (ACE), providing rail connections between San Jose to the south and Stockton to the northeast. County Connection also serves the

LAVTA service area in Dublin and Pleasanton, while LAVTA Route 70X serves Walnut Creek BART and Pleasant Hill BART in Contra Costa County.

Figure 20 illustrates the average 2019 weekday boarding activity at every fixed-route stop in the LAVTA bus system. Service frequencies and spans for each route are shown in Figure 21. Eight routes operate on Saturdays, and six on Sundays.

LAVTA is funded by a combination of passenger fares and funding from federal, state, and local sources, including the following agencies:

- Alameda County Transportation Commission
- Metropolitan Transportation Commission
- Bay Area Air Quality Management District
- Caltrans
- CalOES
- Federal Transit Administration

Figure 18 LAVTA System Map

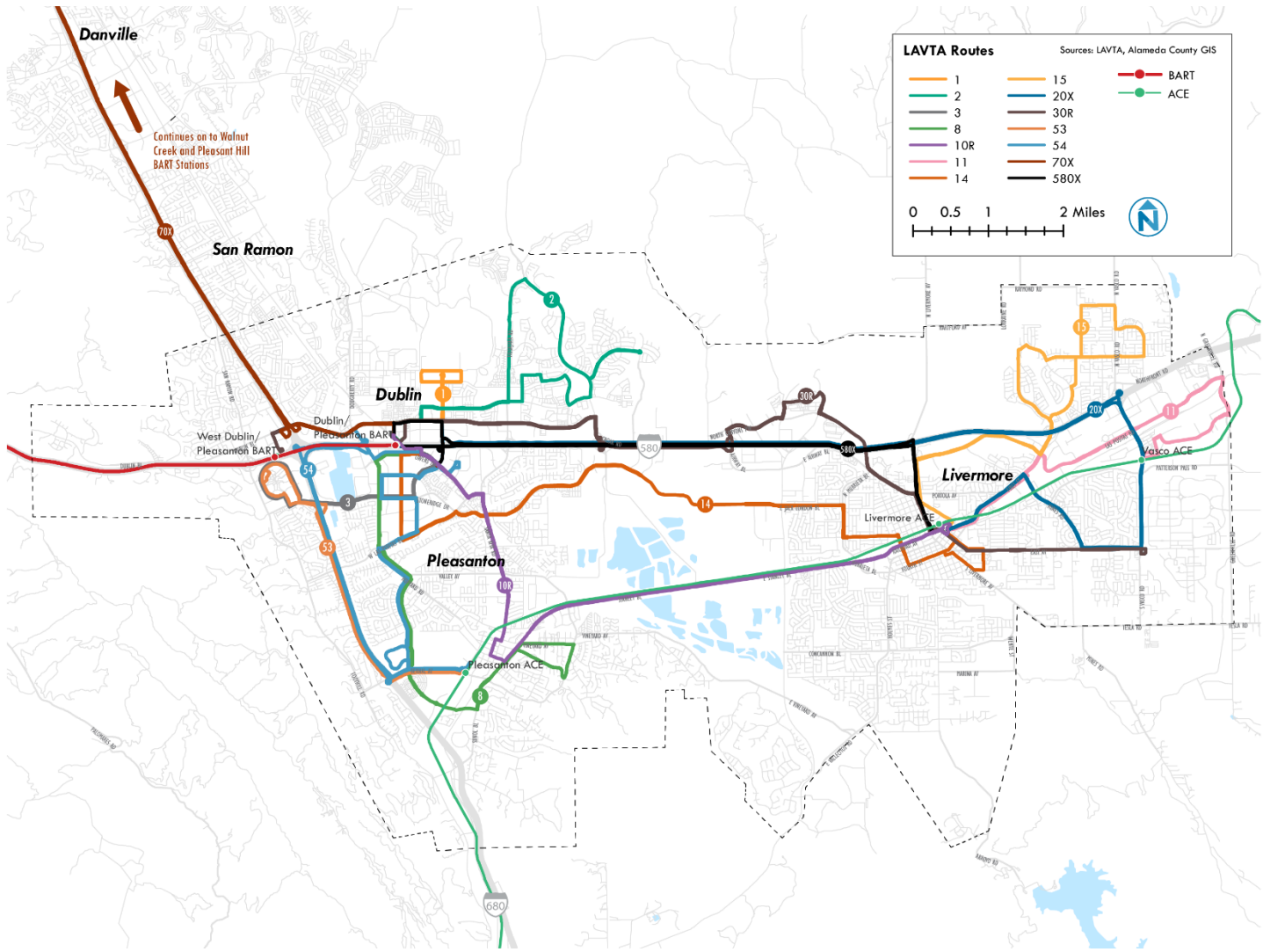


Figure 19 Connecting Transit Service in the LAVTA Service Area

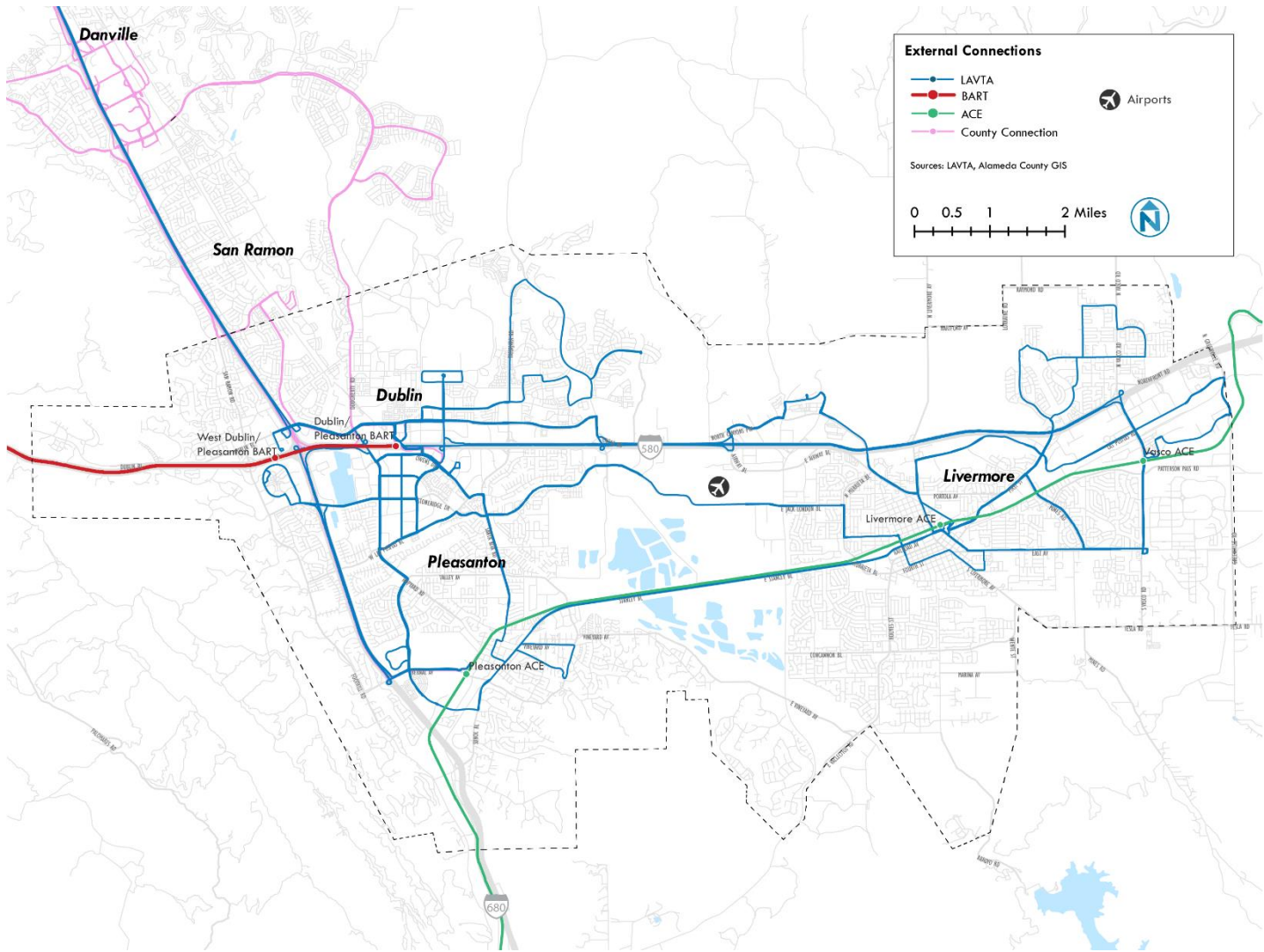
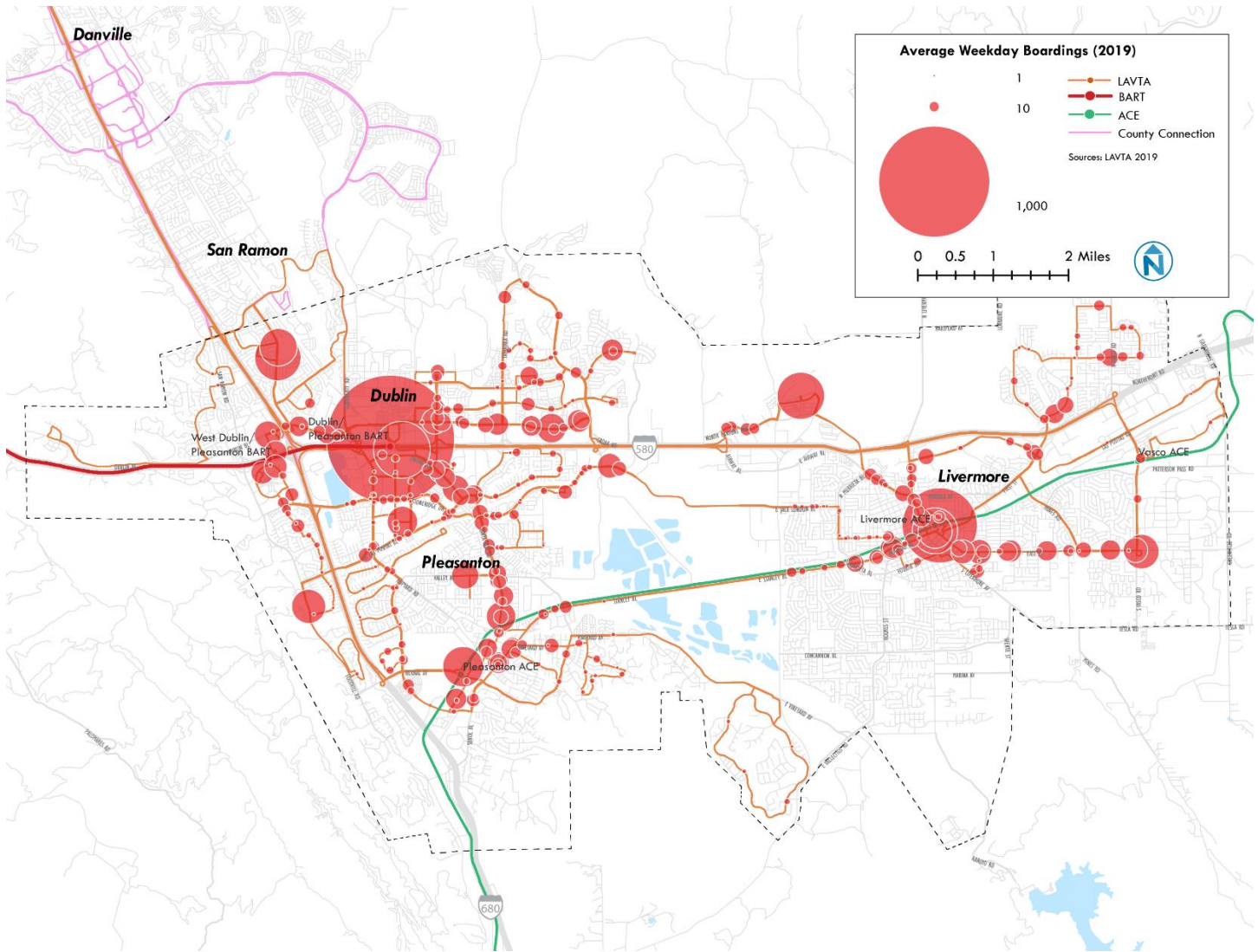


Figure 20 LAVTA Average Daily Weekday Boardings by Stop (2019)



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Figure 21 2020 (Pre-COVID) Frequency and Span of Service by Route (Non-School Routes)

Route	Frequency of Service						Span of Service			
	Early AM	AM	Midday	PM	Evening	Saturday	Sunday	Weekday	Saturday	Sunday
Rapid Routes										
Rapid 10R	15	15	15	15	30-60	30 (most of the day), 40-60 mins (early morning/late evening)	30 (most of the day), 40-60 mins (early morning/late evening)	4:31 AM – 1:38 AM	5:23 AM – 1:38 AM	5:23 AM – 1:38 AM
Rapid 30R	15-30	15	15	15	30-60	60	60	5:00 AM – 12:45 AM	5:09 AM – 12:42 AM	5:09 AM – 12:42 AM
Local Routes										
Route 1	-	30	30	30	30	60	60	6:03 AM – 8:50 PM	7:40 AM – 8:54 PM	7:40 AM – 8:54 PM
Route 2	-	60	-	60	-	-	-	6:33 AM – 9:16 AM 3:21 PM – 6:51 PM	-	-
Route 3	-	30	30	30	60	40	40	6:18 AM – 12:53 AM	8:22 AM – 12:53 AM	8:22 AM – 12:53 AM
Route 8	-	30	30	30	60	60	60	6:03 AM – 8:52 PM	8:02 AM – 8:50 PM	8:02 AM – 8:50 PM
Route 11	-	60	-	60	-	-	-	6:08 AM – 8:54 AM 4:08 PM – 6:54 PM	-	-
Route 14	-	30-45	45-60	30-45	45-60	60	60	6:21 AM – 10:02 PM	7:51 AM – 9:43 PM	7:51 AM – 9:43 PM
Route 15	30	30	30	30	30-60	60	60	5:08 AM – 11:31 PM	5:49 AM – 9:32 PM	5:49 AM – 9:32 PM
Route 53	-	30-75	-	60	-	75	-	5:36 AM – 8:39 AM 3:57 PM – 7:18 PM	8:41 AM – 10:09 AM 4:10 PM – 5:41 PM	-
Route 54	-	60	-	60	-	-	-	6:51 AM – 8:20 AM 3:48 PM – 6:17 PM	-	-
Express Routes										
Route 20X	-	60	-	60	-	-	-	7:33 AM – 9:09 AM 4:41 PM – 6:20 PM	-	-
Route 70X	-	30	-	30	-	-	-	5:43 AM – 8:51 AM 4:03 PM – 7:13 PM	-	-
Route 580X	-	30	-	30	-	-	-	5:57 AM – 8:26 AM 4:29 PM – 7:28 PM	-	-

System-Level Comparison

In order to analyze the productivity of routes, LAVTA's 2016 - 2025 Short Range Transit Plan (SRTTP) proposed route categories so that routes with a similar purpose were compared against each other. The categories of routes as they exist today are as follows:

- **Rapid:** Routes 10R and 30R
- **Express:** Routes 20X, 70X, and 580X
- **Local:** Routes 1, 2, 3, 8, 11, 14, 15, 53, and 54
- **School:** 501, 502, 503, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611

Rapid routes operate between municipalities in the service area and generally operate all day with service every 15 minutes during most of the day. Express service operates at 30-minute headways during peak periods. This is specifically a peak hours-only service to connect people to multiple BART stations. Local routes serve smaller geographic areas and may operate with limited spans of service, with the exception of Route 15, which operates regularly throughout the day. School routes operate Mondays through Fridays, and are intended to help area students get to and from school, although the service is always open to the general public.

Due to the special nature of school-based services, these routes will not be evaluated at the same level of detail as the other routes in this document. School-based services are an important part of any transit system because they provide coverage to a transit-dependent cohort. They can be very expensive due to the fact that they usually only have one or two trips but require a vehicle and driver at peak times, but are also the most productive routes in the LAVTA system in terms of boardings per revenue hour.

Figure 22 FY2019 Annual Revenue Hours, Boardings, Boardings per Revenue Hour, and On-Time Performance by Route

Route	Annual Boardings	Annual Revenue Hours	Annual Boardings per Revenue Hour	On-Time Performance
1	26,172	4,277	6.1	91.6%
2	16,531	1,604	10.3	86.5%
3	39,858	6,608	6.0	82.6%
8	52,974	8,066	6.6	86.1%
10R	409,363	30,198	13.6	81.2%
11	7,872	1,378	5.7	91.8%
14	108,571	11,631	9.3	85.3%
15	116,425	9,963	11.7	87.7%
20X	8,677	714	12.2	84.3%
30R	505,755	38,032	13.3	85.0%
53	34,209	1,619	21.1	82.0%
54	19,514	996	19.6	63.3%
70X	30,940	3,366	9.2	60.9%
580X	14,646	1,967	7.4	95.2%
501	62,255	1,022	60.9	50.0%
502	24,882	510	48.7	55.8%
503	7,541	345	21.8	68.0%
504	28,437	519	54.8	52.8%
601	4,766	209	22.8	57.2%
602	19,715	468	42.2	53.9%
603	9,405	90	105.1	85.6%
604	27,792	483	57.5	51.0%
605	19,540	344	56.8	55.6%
606	11,560	185	62.5	80.1%
607	3,855	122	31.5	62.7%
608	19,634	158	124.2	82.9%

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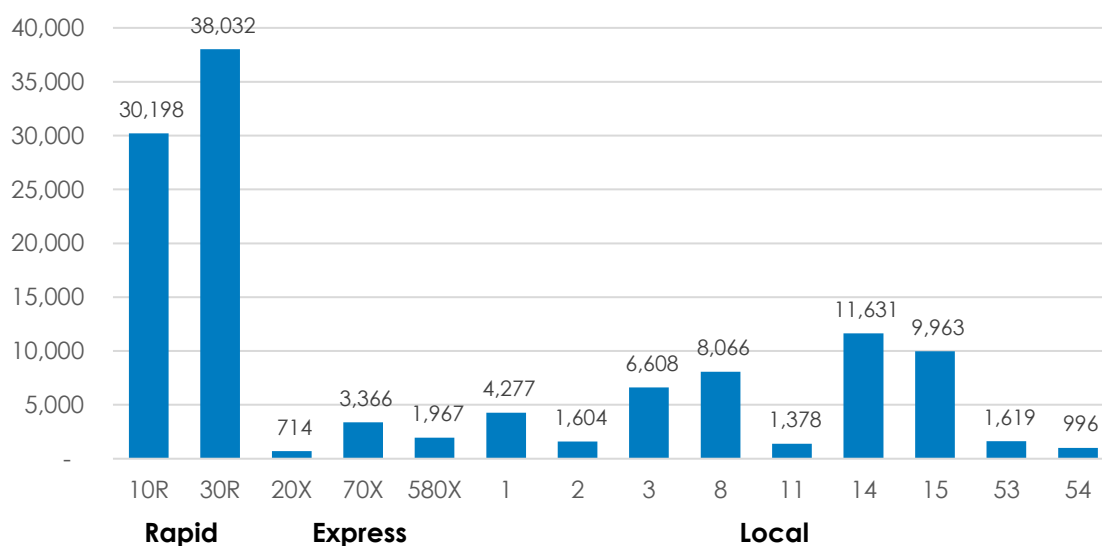
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Route	Annual Boardings	Annual Revenue Hours	Annual Boardings per Revenue Hour	On-Time Performance
609	3,590	137	26.2	58.8%
610	10,937	110	99.1	72.6%
611	12,151	309	39.4	67.1%

The following charts illustrate levels of service, ridership, and productivity by route and route category. Figure 23 shows the annual revenue hours by route, and Figure 24 illustrates the annual ridership by route.

Boardings per revenue hour is one of the most commonly used measures to identify the efficiency of a route. This metric helps account for differences in levels of service provided, and Figure 25 illustrates this measure by category.

Figure 23 FY2019 Annual Revenue Hours by Route



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Figure 24 FY2019 Annual Boardings by Route

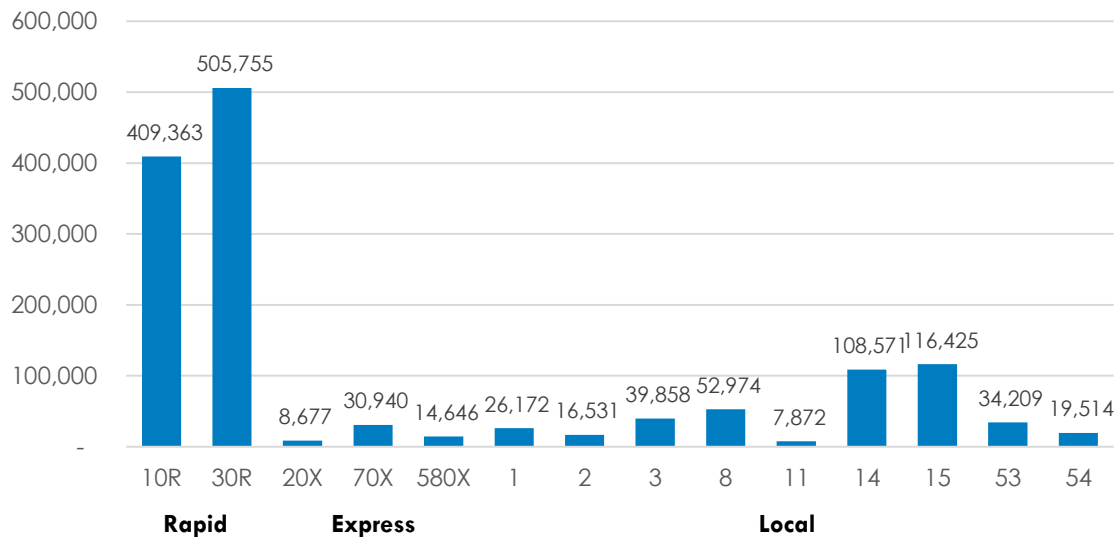
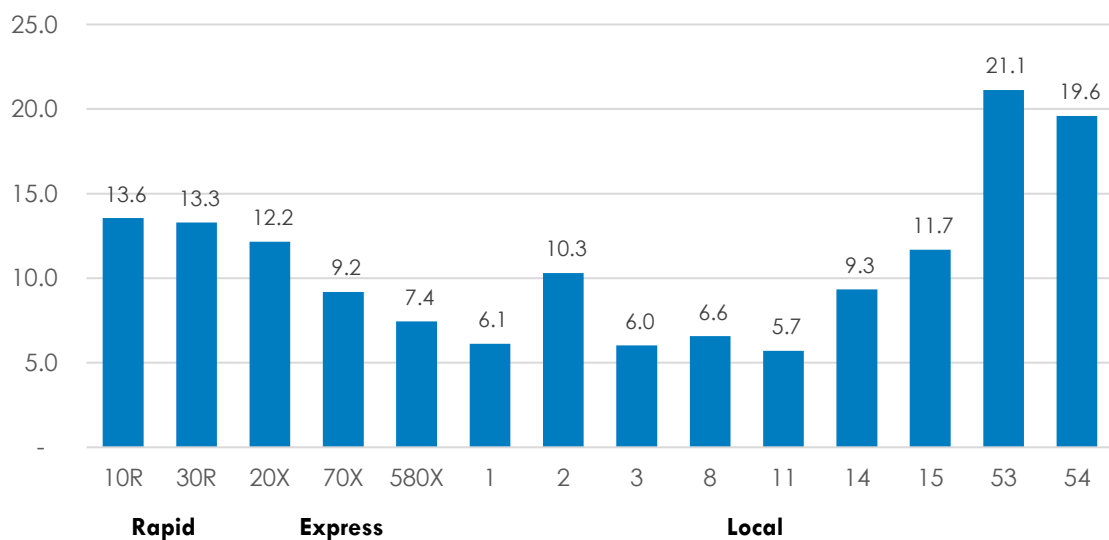


Figure 25 FY2019 Average Boardings per Revenue Hour by Route



Route by Route Evaluation

This section describes performance on a route-by-route basis for Local, Express, and Rapid non-school services. Ridership data comes from multiple sources. Overall daily ridership and productivity comes from farebox data, while ridership at the stop level and by time period (e.g. AM peak, midday) comes from weekday automatic passenger counter (APC) data. All information below is from pre-COVID levels of operation.

Route 1 – Gleason/Hacienda

Route 1 is a local route operating between the East Dublin/Pleasanton BART station, the East County Hall of Justice, and Santa Rita Jail. The route operates along Dublin Blvd, Hacienda Dr, and operates a counterclockwise terminal loop along Madigan Rd, Broder Blvd, Arnold Rd, and Gleason Dr. The route provides service every 30 minutes between 6:00 a.m. and 8:00 p.m. on weekdays and between 7:00 a.m. and 8:00 p.m. on weekends.

Productivity on Route 1 is 5.9 boardings per revenue hour, which is well below the performance standard of 10 boardings per revenue hour. However, productivity on Route 1 is higher on Saturdays and Sundays, 8.3 and 7.0 boardings per revenue hour, respectively. Ridership is highest in the morning with an average of 37 boardings per day between 8:00 a.m. and 9:00 a.m.

Route 1 has above average on-time performance, with 87% of trips arriving on time to scheduled time points.

Route 2 – East Dublin

Route 2 is a local connector providing hourly service during peak times on weekdays only between the East Dublin/Pleasanton BART station, Hacienda Crossings, Dublin Ranch, Silvera Ranch, Positano, and Central Pkwy. From the BART station, Route 2 operates along Dublin Blvd, Arnold Rd, and Central Pkwy before completing a one-way clockwise loop along Tassajara Rd, Fallon Rd, Positano Pkwy, Central Pkwy, Lockhart St, Gleason Dr, Grafton St, Kohnen Way, and Brannigan St.

Productivity on Route 2 is 10.3 boardings per revenue hour, increasing over previous years. Hourly service only during peak periods decreases the attractiveness of this route and is only useful for typical work commutes. Improvements to service frequency and off-peak service may further improve

ridership and productivity on the route. The majority of daily ridership on this route occurs on trips that serve the start and dismissal times at Fallon Middle School. Other trips carry very few passengers.

Route 2 has above average on-time performance systemwide, with 86% of trips arriving on time to scheduled time points.

Route 3 – Stoneridge

Route 3 provides all day service in Pleasanton between the East Dublin/Pleasanton BART and the Stoneridge Mall. Route 3 provides service in Hacienda, as well as to the residential and medical buildings in the Stoneridge Mall area. Route 3 operates along Owens Dr, Hacienda Dr, and Johnson Drive before serving Stoneridge Mall. Ridership on Route 3 is highest during weekday afternoons, averaging 31 passengers between 1:00 p.m. and 2:00 p.m. and 20-30 passengers between 3:00 p.m. and 6:00 p.m.

Route 3 has low productivity at 6.9 boardings per revenue hour and below average on-time performance, with 79% of trips arriving on time to scheduled time points, 20% late, and 1% of trips arriving early. Productivity may be low on this route due because it provides a connection between an employment hub at Stoneridge Mall with the East Dublin/Pleasanton BART station, effectively requiring a transfer for the majority of riders to complete their trip. Reliability improvements to reduce late trips should be explored to further improve this route, though on-time performance appears to be improving.

Route 8 – Hopyard

Route 8 operates as a bi-directional route between BART and South Pleasanton along Hopyard and Valley, providing a connection to downtown Pleasanton. Route 8 provides service to the Pleasanton Senior Center, downtown Pleasanton, Kottinger Park, and Vineyard. Route 8 operates every 30 minutes during peak periods and every 60 minutes midday and on weekends.

Route 8 operates along Owens Dr, Hopyard Rd, Valley Ave, and Sunol Blvd before operating a clockwise terminal loop around Vineyard Ave, Bernal Ave, and Kottinger Dr.

Route 8 averages 7.0 boardings per revenue hour, making it a below average productivity route. Ridership fluctuates throughout the morning peak period and is highest during the afternoon peak period, averaging 45 boardings between 4:00 p.m. and 5:00 p.m.

Route 8 is an average on-time performance route, with 85% of trips arriving on-time, 14% late, and 3% early. Additionally, layover times at the midpoint of the route (Bernal & Palomino) vary throughout the day between no layover and five minutes. This was done to optimize inbound connections at the BART hub, but may make it confusing for passengers waiting on the bus for service to the rest of the loop. There may be opportunities to layover at the end of the line instead of mid-alignment to reduce confusion.

Route 11 – ACE/Vasco

Route 11 is a weekday peak period only, bi-directional route operating between the Livermore Transit Center and the Vasco Rd ACE Station, serving the industrial area in between. In the morning, the route connects to two ACE trains at Vasco Rd and another ACE train at the Transit Center. In the afternoon, it connects with three ACE trains at Vasco Rd. The route operates along First St, Las Positas Rd, Greenville Rd, National Dr, Brisa St, and Vasco Rd. Route 11 provides hourly service on weekdays only between 6:00 a.m. and 9:00 a.m. and between 4:00 p.m. and 7:00 p.m.

Route 11 is a low productivity route, averaging 5.7 boardings per revenue hour. Productivity is highest in the first trip of the morning, averaging 10 passengers. The route has high on-time performance, averaging 90% of trips on-time, 6% of trips late, and 3% of trips early.

Due to changes in demand for transit related to the Covid-19 Pandemic, service on Route 11 has been suspended since April 2020.

Route 14 – Pleasanton – Livermore

Route 14 operates 7 days per week and provides connections between Livermore, Pleasanton, and the Dublin/Pleasanton BART station. Route 14 also provides service to the Livermore Transit Center, the Livermore Civic Center complex, central Livermore/Olivina, Jack London, San Francisco Premium Outlets, Stoneridge Creek senior living community, and Hacienda. The route operates along Owens Dr, Willow Rd, Las Positas Blvd, Stoneridge Dr, Jack London Blvd, Murrieta Blvd, Olivina Ave, P St, Fourth St, Livermore Ave, Pacific Ave, Dolores St, East Ave, and Maple St.

Route 14 is a slightly below average productivity route, averaging 9.7 boardings per revenue hour and 350 boardings per weekday. Ridership fluctuates throughout the day and is highest between 4:00 p.m. and 5:00 p.m. averaging 73

boardings. Among local routes, Route 14 has the second highest average weekday ridership and the highest average Saturday and Sunday ridership, due in part to the crosstown connectivity it provides between Pleasanton and Livermore. The route is also an above average on-time performance route, with 87% of trips on-time, 9% late, and 4% early.

Route 15 – Springtown

Route 15 is a local route providing service to the Livermore Transit Center, Walmart, Kaiser Medical Offices, Plaza 580, Junction Ave K-8, and Christensen Middle School in Livermore. The route operates along Junction Ave, Livermore Ave, Las Positas Rd, and First St, before operating a terminal loop in a figure-eight pattern along, Bluebell Dr, Heather Ln, Broadmoor St, Dalton Ave, Vasco Rd, Garaventa Ranch Rd, Herman Ave, Scenic Ave, Bluebell Dr, Galloway St, and Springtown Blvd.

Route 15 is an above average productivity route, averaging 12.1 boardings per revenue hour and 395 boardings per weekday. Route 15 has the highest average weekday ridership among local routes and the second highest Saturday and Sunday ridership.

The route is a slightly above average on-time performance route, averaging 85% of trips on-time, 13% late, and 2% early.

Route 53 – ACE – W BART

Route 53 is a local route that operates in Pleasanton, connecting the ACE Pleasanton Station with the Stoneridge Mall and West Dublin/Pleasanton BART Station. The route operates along Bernal Ave, I-680, and Stoneridge Dr. Route 53 operates 8 trips per weekday from 5:30 a.m. to 8:30 a.m. and from 4:00 p.m. to 7:30 p.m. as well as 4 trips per Saturday between 8:30 a.m. and 10:00 a.m. and between 4:00 p.m. and 6:00 p.m.

Route 53 averages 21.1 boardings per revenue hour, making it the highest productivity local route in the system. This route was designed for ACE connections and will hold as necessary to accommodate late ACE trains.

Operating along I-680 reduces travel times and provides faster, more convenient service with fewer stops along the route's alignment. However, variable traffic congestion along the freeway throughout the day make impact service reliability, contributing to the route's below average on-time performance, with 76% of trips

on-time, 23% late, and 1% early. The majority of late trips are attributable to late ACE train arrivals.

Route 54 – ACE – Hacienda – W BART

Route 54 is a local route that operates in Pleasanton and connects the ACE Pleasanton Station with the East Dublin/Pleasanton BART Station. The route operates with different alignments in the morning and the afternoon. In the morning, Route 54 operates along Bernal Ave, Valley Rd, Koll Center Pkwy, and Hopyard Rd, deviates out of direction onto Las Positas Blvd, Hacienda Dr, and Stoneridge Dr, returns to Hopyard Rd, Gibraltar Dr, and Hacienda Dr. The route deviates again to serve Rosewood commons along Owens Dr and Rosewood Dr before continue on Owens Dr to the East Dublin/Pleasanton BART station. Route 54 then operates along I-580, I-680, and Bernal Ave to serve the Pleasanton ACE Station. In the afternoon, this pattern is reversed, providing direct service from the Pleasanton ACE station to the East Dublin/Pleasanton BART station via Bernal Ave, I-680, and I-580 before providing local connections in the southbound direction.

Route 54 has the second highest productivity of all local routes, averaging 19.6 boardings per revenue hour and 78 boardings per weekday. The route operates five trips per weekday and has the highest ridership on the first trip in the morning, averaging 27 passengers.

Despite the high productivity, the route suffers from low on-time performance with only 67% of trips on-time and 33% of trips late. This route was designed for ACE connections and will hold as necessary to accommodate late ACE trains. The majority of late trips are attributable to late ACE train arrivals.

Route 20X – Vasco

Route 20X is an express route that operates two trips in the morning and two trips in the evening serving the East Dublin/Pleasanton BART Station, Lawrence Livermore National Laboratory (LLNL) and the Livermore Transit Center. The route operates along Owens Dr, Hacienda Dr, I-580, Vasco Rd, East Ave, Mines Rd, and First St. The route provides direct express service between BART and major employers in Livermore, including connectivity to the ACE train and direct service to the east side of Livermore.

Route 20X averages 35 passengers per day and 9 passengers per trip. Ridership is relatively evenly split throughout the four daily trips. This productivity is

relatively low for express like service and is below the established performance standard of 15 passengers per trip. There is also no bi-directional service provided on the route, only one-way peak period service, which may limit the potential usefulness of the route.

Due to changes in demand for transit related to the Covid-19 Pandemic, service on Route 20X has been temporarily suspended.

Route 70X – Pleasant Hill

Route 70X is an express route that operates six trips in the morning and six trips in the evening between the East Dublin/Pleasanton BART Station, the Walnut Creek BART Station, and the Pleasant Hill BART Station. The route operates along DeMarcus Blvd, Dublin Blvd, I-680, Ygnacio Valley Rd, Civic Dr, Oak Rd, Treat Blvd, and Main St. The route averages 10 passengers per trip and 124 passengers per day, making it the highest productivity express route in the system, but still performs below the 15 passengers per trip performance standard for express routes.

Ridership is highest in the afternoon, with an average of 13 passengers on the 3:56 p.m. trip and 24 passengers on the 5:10 p.m. trip. The route also has low on-time performance, averaging 49% of trips on-time, 43% of trips late, and 8% of trips early. Variable levels of traffic congestion on I-680 may be contributing to these reliability and on-time performance issues.

Due to changes in demand for transit related to the Covid-19 Pandemic, service on Route 70X has been temporarily suspended.

Route 580X – 580 Pleasanton BART

Route 580X is an express route that operates eight trips in the morning and eight trips in the evening serving the East Dublin/Pleasanton BART Station and the Livermore Transit Center. The route operates along Owens Dr, Hacienda Dr, I-580, Livermore Dr, and First St. The route averages 4 passengers per trip and 59 passengers per weekday, making it the lowest ridership and productivity express route in the system. Ridership fluctuates throughout the day, averaging between 2 and 9 boardings per trip. Ridership may be lower because this route doesn't have a local catchment area and riders are typically have to make a transfer at some point in their journey.

Route 580X is a high on-time performance route, with 95% of trips on-time and 5% of trips late.

Due to changes in demand for transit related to the Covid-19 Pandemic, service on Route 580X has been temporarily suspended.

Route 10R – Pleasanton – Livermore

Route 10R is a high frequency rapid route that connects Pleasanton to Livermore, serving the East Dublin/Pleasanton BART Station and the Livermore Transit Center. The route operates along Owens Dr, Las Positas Blvd, Santa Rita Rd, St John St, Peters Ave, Rose Ave, First St, Stanley Blvd, and Railroad Ave. Route 10R typically operates every 15 minutes in the peak period and every 15-60 minutes in the off-peak period between 4:30 a.m. and 1:30 a.m. on weekdays, but is currently operating a reduced frequency schedule due to shifts in demand and operator availability related to the Covid-19 Pandemic.

The route averages 13.7 boardings per revenue hour and 1,390 boardings per weekday. Route 10R is an above average productivity route and has the second highest ridership of any route in the system. Additionally, Saturday ridership is almost as productive as weekday service, indicating potential latent demand for more frequent service.

The route has slightly below average on-time performance, with 81% of trips on-time, 17% late, and 2% early.

Route 30R – Dublin – Livermore via Las Positas College

Route 30R is a high frequency rapid route that provides service to the East and West Dublin/Pleasanton BART Stations, Las Positas College, the Livermore Transit Center, Livermore High School, East Avenue Middle School, and Sandia National Laboratories. The route operates along Golden Gate Dr, Dublin Blvd, DeMarcus Blvd, Iron Horse Pkwy, Dublin Blvd, Fallon Rd, I-580, Airway Blvd, Canyons Pkwy, Collier Canyon Rd, Campus Hill Dr, Portola Ave, Livermore Ave, Railroad Ave, Maple St, East Ave, and Vasco Rd.

Route 30R typically operates every 15 minutes in the peak period and every 15-60 minutes in the off-peak period between 5:00 a.m. and 12:45 a.m. on weekdays, but is currently operating a reduced frequency schedule due to shifts in demand and operator availability related to the Covid-19 Pandemic. The route averages 13.9 boardings per revenue hour and 1,841 boardings per weekday, making it an above average ridership route and the highest ridership route in the system. Similar to Route 10R, Saturday ridership is almost as productive as

weekday service, indicating potential latent demand for more frequent service on weekends.

The route is above average in terms of on-time performance, averaging 87% of trips on-time, 12% of trips late, and 1% of trips early.

School Trippers

LAVTA also operates supplemental services to schools as part of its fixed-route system. Services geared toward schools are considered “trippers,” because they are needed for such short spans of the day, and often require buses pull out from the bus yard, operate one or two trips, and then return to the yard.

School trippers are open to the general public but provide specific coverage and capacity to serve middle and high school students at times that correspond with school hours and days.

Figure 26 below shows the school trippers and the schools they serve.

Figure 26 School Tripper Route Descriptions

City	Route Number	Route Description	Schools Served
Dublin	501 A/B/C	Positano Hill to Dublin High School	Dublin High School
	502	Emerald Glen to Dublin High School	Dublin High School, Wells Middle School
	503	Schaefer Ranch to Wells Middle School	Dublin High School, Wells Middle School
	504	Dublin Ranch to Dublin High School	Dublin High School
Pleasanton	601	Ruby Hill to Pleasanton Middle School	Pleasanton Middle School
	602	Del Prado Park to Foothill High School	Pleasanton Middle School, Foothill High School
	603	Muirwood Park to Hart Middle School	Hart Middle School
	604	Fairlands to Foothill High School	Foothill High School

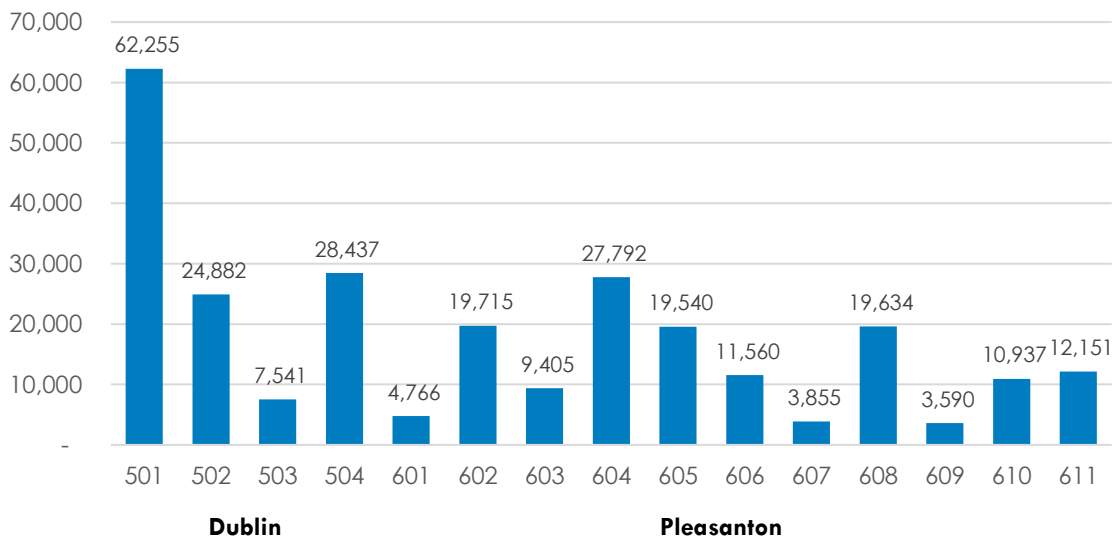
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City	Route Number	Route Description	Schools Served
	605	Fairlands to Amador Valley High School	Amador Valley High School
	606	Vintage Hills to Pleasanton Middle School	Pleasanton Middle School
	607	Laguna Oaks to Hart Middle School	Foothill High School, Hart Middle School
	608	Amaral Park to Harvest Park Middle School	Harvest Park Middle School
	609	Del Prado Park to Hart Middle School	Hart Middle School
	610	Fairlands to Hart Middle School	Hart Middle School
	611	Ruby Hill to Amador Valley High School	Amador Valley High School

The following charts illustrate levels of ridership and productivity by school route and city. Figure 27 illustrates the annual ridership by route.

Figure 27 FY2019 School Route Annual Boardings

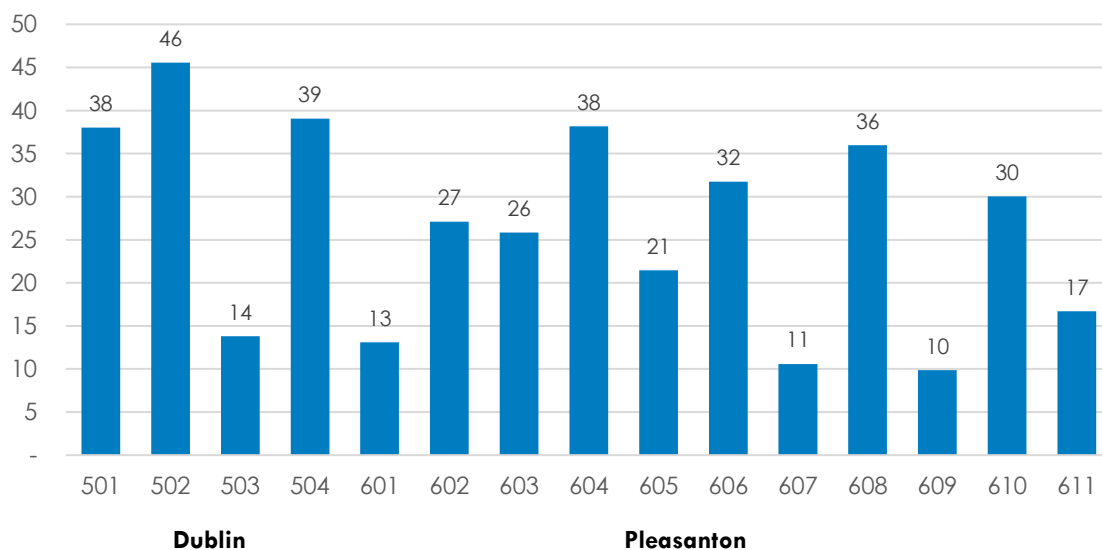


Boardings per trip is the most appropriate measure of service productivity for school routes, as the number of trips is limited and a trip should have a sufficient number of riders to justify operating it. Figure 28 illustrates this measure by city.

In Dublin, Routes 501, 502, and 504 carry students from East Dublin to Dublin High School. Due to high demand on these routes, additional vehicles have been added to provide sufficient capacity. Routes 501, 502, and 504 in Dublin have high productivity, at least 38 boardings per trip.

Seven of the eleven Pleasanton school trippers average at least 17 boardings per trip or higher. Several trips, including afternoons on Routes 602, 604, 605, and 608 require more than one vehicle to accommodate passenger loads.

Figure 28 School Route Boardings per Trip



FARES STRUCTURE AND POLICIES

Fare Categories

There are five main categories for Wheels fare products: adult, youth, children, senior citizens and disabled persons, and Americans with Disabilities Act (ADA) certified persons for paratransit. Each is described below.

Adult

Adult fares are a full-fare category and do not require any additional identification beyond valid fare payment.

Youth & Children

While LAVTA lists a youth fare for youth between the ages of 6 and 18 as part of the overall fare structure, the cash fare is the same as the fare for adults and

does not require additional identification beyond valid payment. There is a reduced fare for using a Youth Clipper card, which requires an application verifying eligibility. Children under the age of 6 ride free with a paying adult.

Senior Citizens/Disabled Persons

Discounted fares are available to seniors (ages 65 and older), disabled persons, and Medicare recipients. To qualify for the Senior/Disabled fare, passengers must present one of the following:

- Valid Medicare card. Photo identification must be shown.
- DMV disabled license plate registration
- DMV disabled parking placard printout
- Regional Transit Connection (RTC) discount card, which allows reduced fare rides across all Bay Area transport systems (available only to persons with disabilities). Individuals must apply to a central office for review. If eligible and application is approved, participants receive an RTC photo ID card within 21 days. The Bay Area Partnership Transit Coordination Committee (PTCC) administers the program.
- Senior Clipper Card

Fare Products

Single Rides

Single-ride fares vary depending on if cash or a Clipper card is used. Figure 29 summarizes single ride fares for fixed-route service. It should be noted that the only fare product that provides a discount when using a Clipper Card is the Youth fare, which was enacted in January 2019.

Figure 29 Single Ride Fares

Single Ride Products	Cash Fare	Clipper Fare
Adults	\$2.00	\$2.00
Youths between ages 6 and 18	\$2.00	\$1.60
Senior Citizens age 65 and over	\$1.00	\$1.00
Disabled Persons or Americans with Disabilities Act (ADA) Certified persons (with RTC Card)	\$1.00	\$1.00

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Single Ride Products	Cash Fare	Clipper Fare
Children under age 6 when accompanied by a fare paying passenger	FREE	FREE
Eligible employees and family members/dependents with applicable ID	FREE	FREE

Source: LAVTA (2020)

Transfers

On January 1, 2019, LAVTA implemented a new transfer policy. The new transfer policy:

- Eliminated issuance of paper transfers with cash fare payment
- Eliminated acceptance of paper transfers from other agencies
- Required use of a Clipper Card to obtain a single, free transfer within 120 minutes of fare payment
- Allowed for a fare credit on LAVTA buses when transferring from BART using a Clipper Card (\$1.00 credit for adults, \$0.80 credit for youth, and \$0.50 credit for seniors/RTC cardholders)
- Allowed ACE passengers to present a valid ticket to allow free transfers to/from LAVTA buses

Passes

LAVTA offers several transit pass options including monthly and daily pass products. Figure 30 summarizes current paper pass products as well as pass products available with the integration of Clipper. Figure 31 provides additional details on the current paper pass offerings.

Effective January 1, 2019, the following changes to passes took effect:

- An increase in the senior and disabled monthly pass from \$18 to \$22
- New cash day pass for regular and senior/disabled

Figure 30 Pass Products Summary

Pass Products		Fare
Paper Passes	Regular Monthly Pass (or East Bay Value Pass) (Regular Monthly (Calendar) Unlimited Rides Pass)	\$60.00

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Pass Products		Fare
	Senior Monthly Pass (Senior Citizens Monthly (Calendar) Unlimited Rides Pass)	\$22.00
	Disabled Monthly Pass (Disabled Persons Monthly (Calendar) Unlimited Rides Pass)	\$22.00
	Day Pass Regular	\$3.75
	Day Pass Senior/Disabled	\$1.75
Clipper Card Passes	Regular Monthly (Rolling 31 Day) Unlimited Rides Pass (or East Bay Value Pass)	\$60.00
	Senior Citizens Monthly (Rolling 31 Day) Unlimited Rides Pass	\$22.00
	Disabled Persons Monthly (Rolling 31 Day) Unlimited Rides Pass	\$22.00
	Day Pass Accumulator Regular	\$3.75
	Day Pass Accumulator Senior/Disabled	\$1.75

Source: LAVTA (2020)

Figure 31 Paper Passes – Monthly Unlimited Ride Passes

East Bay Monthly Pass	Senior Monthly Pass	Disabled Monthly Pass
<ul style="list-style-type: none"> ▪ \$60 ▪ Pass is used for general fare. ▪ Pass can be used on all East Bay group agencies – Wheels, County Connection, Tri Delta Transit, and WestCat. ▪ Pass must have the correct month and year punched, and is invalid if punched more than twice. ▪ Pass is valid from 1st of the current month until end of month 	<ul style="list-style-type: none"> ▪ \$22 ▪ Must be 65 years or older ▪ Pass must have the correct month and year punched, and is invalid if punched more than twice. ▪ Pass is valid from 1st of the current month until end of month 	<ul style="list-style-type: none"> ▪ \$22 ▪ Must show proof of disability to use (Dial-A-Ride ID card, RTC card, physician's letter, DMV placard, etc.) ▪ Pass must have the correct month and year punched, and is invalid if punched more than twice. ▪ Pass is valid from 1st of the current month until end of month

Source: LAVTA (2020)

Annual Unlimited Ride Pass

LAVTA offers complementary annual passes that allow for free rides to eligible employees and family members. This include LAVTA and its operating

contractor, MV Transportation. Eligible riders show the driver a picture identification card and annual sticker showing eligibility. Picture IDs are issued upon date of hire for the current fiscal year. Annual stickers are issued to each employee and eligible dependents on July 1st at the beginning of each fiscal year. Contractor dependents are not eligible for an ID until 90 days after the employee's hire date. Retirees of the agency are not eligible for the ID.³

An eligible family member or dependent is defined as a person who is claimed by the employee on their tax return, or a person who is covered on the employee's health benefits. If no tax return is filed and the employee does not elect health benefits, then a notarized statement documenting a dependent would be required.

Dial-A-Ride trips are free for LAVTA and contracted employees who are also eligible for participation in the ADA Paratransit program. These trips must be work related, and dependents are not eligible for complementary Dial-A-Ride trips.

Board Members and their dependents are also eligible for an ID. Additionally, members of the Tri-Valley Accessible Advisory Committee (TAAC) receive a pass.

Clipper Card Implementation

Supporting more than two dozen unique transit agencies in the Bay Area, Clipper is the all-in-one transit smart card that allows ease of payment and supports transfers across multiple Bay Area agencies. Clipper is overseen and sponsored by Metropolitan Transportation Commission (MTC), the Bay Area's metropolitan planning organization. First introduced as Translink in 2002, Clipper was rebranded to its current form in 2010. Implementation rolled out beginning with the largest Bay Area transit agencies—BART, Muni, AC Transit, SamTrans, Caltrain, Golden Gate Transit, and VTA.

The implementation of Clipper on Wheels in 2015 accounts for the most significant fare change in recent history. Most notably, LAVTA introduced the day pass accumulator, a new fare media that is only available through the use of the Clipper card. At time of implementation, LAVTA did not have a day pass, unlike its peers WestCat and Tri Delta.

³ Resolution No. 27-2015, "A Resolution for the Board of Directors of the Livermore Amador Valley Transit Authority Updating the Consolidated Fare Schedules and Transfer Agreements for Passengers."

The Clipper Day Pass Accumulator acts as an unlimited day pass, where riders pay a maximum of \$3.75 per day. For example, riders who ride on Wheels and use Clipper would get \$2 deducted on their first trip. On their return trip, they would get \$1.75 deducted instead of \$2 regular fare due to the maximum of \$3.75 being reached. In other words, adult and youth passengers may make unlimited local bus trips for \$3.75 per day; seniors and disabled passengers pay a maximum of \$1.75 per day. More than 50% of Wheels riders now use Clipper for their fare payment.

Figure 32 Clipper Card



Fare Programs and Promotions

ECO Pass⁴

An ECO Pass is offered to employees within the Hacienda Business Park, or residents who live in one of the Hacienda residential communities (Andares, Anton Hacienda, Avana Stoneridge, Avila, The Galloway, Park Hacienda, Siena, or Verona). The ECO Pass is issued as an annual flash pass and is valid for unlimited rides on LAVTA buses. Photo identification for verification is required.

⁴ Details about the Hacienda Business Park and ECO Pass program eligibility available online: <http://www.hacienda.org/form/details/wheels%20eco%20pass>; accessed February 25, 2020.

Established in 1989 and funded by Hacienda, the ECO Pass represents a longstanding public-private partnership. Hacienda subsidizes the service based on the number of revenue hours serving the Hacienda Business Park.

Las Positas College Student Transit Pass Program⁵

In November 2017, the students of Las Positas College approved the Student Mobility Initiative to provide an ongoing funding source for the Las Positas Student Transit Pass Program. In 2018, both the LAVTA Board and the Board of Trustees of the Chabot-Las Positas Community College District approved entering into a Memorandum of Understanding (MOU) to implement the program.

Under the terms of the Student Mobility Initiative, full time students pay \$9.00 per term and part time students pay \$8.00 per term as part of their student fees.

Under the terms of the current MOU, Las Positas collects and remits those fees to LAVTA within 60 days following the start of each term. It is anticipated that the fee will generate approximately \$175,000 per year but is dependent on full and part time enrollment.

Class Pass Program⁶

LAVTA offers a class pass program, which offers a free bus ride for up to 25 passengers, including students, teachers, and adult supervisors from a school to any Tri-Valley destination that LAVTA currently serves. Teachers may request up to two (2) class passes per school year.

Try Transit to School Promotion⁷

Since 2000, Wheels has offered a special two-week promotion during the beginning of the school year to encourage middle and high school students to ride transit. The most recent “Try Transit to School” promotion ran from August 19 to September 1 in 2019 (including weekends) and allowed students to ride Wheels to and from school and other destinations for free.

⁵ Details about the Las Positas College Student Transit Pass Program are available here: <https://www.wheelsbus.com/las-positas-college-student-transit-pass-program/>; accessed April 13, 2022

⁶ Resolution No. 27-2015, “A Resolution for the Board of Directors of the Livermore Amador Valley Transit Authority Updating the Consolidated Fare Schedules and Transfer Agreements for Passengers.”

⁷ Try Transit to School Promotion information available online: <https://www.wheelsbus.com/wp-content/uploads/2019/08/Try-Transit-to-School-Flyer-2019-web.pdf>; accessed March 16, 2020.

FLEET INFORMATION

The LAVTA fleet consists of a mixed fleet of 40-foot, 35-foot, and 29-foot diesel and hybrid fixed-route buses. As shown in Figure 33, there are currently 60 fixed-route standard buses in the active fleet. LAVTA also has six buses in its contingency fleet.

All fixed-route vehicles are equipped with bike racks. Each bike rack holds at least two bikes, with space available on a first-come, first-served basis. LAVTA's policy also allows riders to bring bikes onboard buses if the rack is full, at the driver's discretion.

LAVTA is expecting to receive delivery of 16 hybrid buses in FY 2023 to replace the 2007 and 2009 buses shown in Figure 33. LAVTA is planning to seek funding in 2023 for a bus purchase in 2024 for up to 12 buses. This purchase would replace the four buses that comprise the 2011 fleet and possibly include additional buses to expand the LAVTA fleet. Additional bus purchases to replace the existing fleet are planned in 2028 (20 buses) and 2029 (20 buses).

Figure 33 LAVTA's Fixed-Route Revenue Vehicle Fleet

Year	Manufacturer	Fuel	Type of Vehicle	Number in Fleet	Seated Capacity
2007	Gillig	Hybrid (diesel/ electric)	29-ft bus	2	22
2009	Gillig	Hybrid (diesel/ electric)	40-ft bus	14	39
2011	Gillig	Hybrid (diesel/ electric)	29-ft bus	4	22
2016	Gillig	Hybrid (diesel/ electric)	35-ft bus	10	28
			40-ft bus	4	34
			40-ft bus	6	37
2017	Gillig	Hybrid (diesel/ electric)	40-ft bus	11	34
			29-ft bus	9	22

5 PARATRANSIT SERVICE EVALUATION

Wheels Dial-A-Ride is a demand-response service provided by LAVTA. It provides trips for people who are unable to use the fixed-route system, and for other individuals who meet eligibility requirements.

This chapter is organized into three sections:

- **Overview of the System:** Provides a basic overview of the LAVTA paratransit system, including its eligibility criteria, service area coverage, service availability, and fare structure.
- **Service Standards:** Presents the service standards adopted by LAVTA and then evaluates them against four years of historical data. Standards encompass four metrics centering around the customer experience and safety.
- **Operating Performance:** Covers the operational aspects of paratransit service, including ridership, service provided, and operating cost.

KEY POINTS

Topic	Key Points
Service Standards	<ul style="list-style-type: none">▪ Valid Complaints per 1,000 Passengers: Has been trending upward in the last five years but 2019 saw the complaint rate dip slightly. Standard: Less than 1 complaint per 1,000 passengers Achieved in FY 2019: No▪ On-Time Performance: Had been steady until 2018 when it dipped. Standard: 95% on-time Achieved in FY 2019: No▪ Phone Calls Answered within 60 Seconds: Has generally been steady since 2015 Standard: 95% or more of calls are answered within 60 seconds Achieved in FY 2019: No

Topic	Key Points
	<ul style="list-style-type: none"> ▪ Preventable Accidents per 100,000 Miles: 2015 data was below the standard but all years since have met standard and held steady Standard: Less than 1 preventable accident per 100,000 miles Achieved in FY 2019: Yes
Operating Performance	<ul style="list-style-type: none"> ▪ Total trips have decreased annually since FY 2016. ▪ Revenue hours have increased. ▪ Operating costs per trip have increased. ▪ Passenger trips per revenue hour have decreased.

OVERVIEW OF SYSTEM

Complementary door-to-door ADA paratransit service in the Tri-Valley area is provided by Wheels Dial-A-Ride service. It is open to those who cannot use LAVTA's fixed-route transit service. It operates as an on-demand service within a designated service area and provides service at the same times as LAVTA's fixed-route service. As an exception, service is also provided to and from the San Ramon Medical Center and to the V.A. Hospital in Livermore if one end of the trip is in Livermore, Dublin, or Pleasanton. The V.A. Hospital is south of the Livermore city limits and outside of the LAVTA service area.

In February, 2021 LAVTA Board authorized the Executive Director to enter into MOU with Central Contra Costa Transit Authority (CCCTA) to establish a 12-month pilot program for sharing one paratransit contractor. The pilot program commenced on April 1, 2021 with Transdev as the operator. On January 10, 2022 LAVTA Board approved the release of a joint RFP for a four-year contract with one option year. The winning contractor will start service on July 1, 2022.

In addition to the provision of ADA paratransit service, LAVTA operates the Wheels Para-Taxi program. This program is a premium, same day service available to ADA paratransit registrants that provides a subsidy for using taxis and Transportation Network Companies (TNCs) such as Uber and Lyft.

The various aspects of the system are described in further detail in their respective subsection.

Eligibility

Dial-A-Ride users must have a disability or health-related condition that prevents them from using regular fixed-route service.

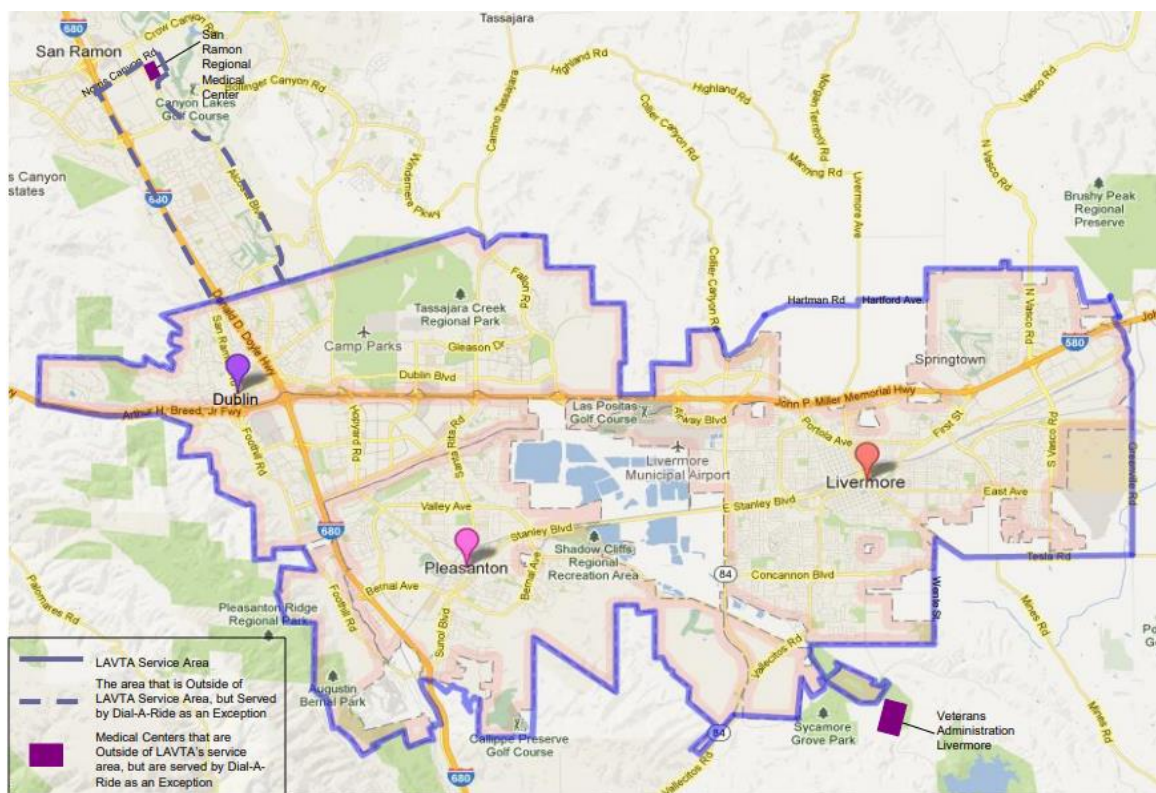
Potential riders must apply to LAVTA before they can be certified to use Dial-A-Ride service. The application process requires a doctor's verification and may require an in-person assessment. Depending on the outcome of the assessment, potential riders may be conditionally certified.

Applications are processed within 21 days of receipt and applicants are broadly assessed against whether they can independently use the fixed-route transit service. If applicants disagree with a denial of paratransit eligibility, they may submit written appeals within 60 days of the decision.

Service Area

LAVTA's Dial-A-Ride ADA paratransit services exceed the minimum Federal Transit Administration requirements by providing service beyond three-quarters of a mile of fixed-routes. Riders can also request service to two locations outside the Wheels service area: San Ramon Regional Medical Center and the V.A. Hospital in Livermore, as shown in Figure 34.

Figure 34 Wheels Dial-A-Ride Paratransit Service Area



Source: LAVTA

Service Availability

Wheels Dial-A-Ride service area includes the cities of Livermore, Dublin and Pleasanton. As an exception, service is also provided to/from the San Ramon Medical Center given that one end of the trip is in Livermore, Dublin or Pleasanton.

Wheels Dial-A-Ride operates during the same days and hours as the Wheels fixed route service:

- Weekdays: From 4:30am to 1:30am the next morning
- Saturdays and Sundays: From 5am to 1:30am the next morning

Reservations are taken seven days a week from 8:30 AM to 5:00 PM. Rides must be scheduled by phone at least the day before the trip is needed by 5:00 PM. Reservations can be made up to one-week in advance.

Passengers are given a 30-minute pick-up window that starts at the scheduled pick-up time. As an example, a 3:00 PM pick-up time results in a pick-up window from 3:00 PM to 3:30 PM. For repeat trips, passengers may set a standing order, which is an ongoing reservation for a trip that has the same starting and ending location and the same pick-up day and time.

Wheels Dial-A-Ride coordinates trips with East Bay Paratransit and County Connection LINK. The designated transfer point between Dial-A-Ride and neighboring paratransit services is the East Dublin/Pleasanton BART station.

Fare Structure

Fares for Dial-A-Ride paratransit are shown in Figure 35. Fares were increased from \$3.50 to \$3.75 on January 1, 2019. Interagency transfers from County Connection LINK or East Bay Paratransit are free (riders are not charged for the transfer). Riders are charged for outbound trips involving a transfer to East Bay Paratransit, but not to County Connection.

For the Wheels Para-Taxi program, riders receive an 85% subsidy of the total taxi trip (fare plus up to 15% tip), up to \$20 per trip, and up to \$200 per month. This subsidy can be used for traditional taxi services or Transportation Network Companies (e.g., Uber, Lyft).

Figure 35 Wheels Dial-A-Ride Paratransit Fares

Wheels Dial-A-Ride Paratransit	Fare
Cash fare	\$3.75
Companions accompanying passenger	\$3.75
Dial-A-Ride 10 tickets	\$37.50
Inbound (Wheels receiving) interagency transfers from County Connection Links or East Bay Paratransit	FREE
Personal Care Attendants (PCA) traveling with fare paying passenger	FREE

Source: LAVTA (2020)

Operating Performance

This section summarizes the operating performance for LAVTA's paratransit service. The operating data from the last four fiscal years (Figure 36) shows ridership declining and operating costs also falling. Passenger trips per hour have declined significantly between FY 2016 and FY 2019.

Figure 36 Paratransit Operating Characteristics

	FY 2016	FY 2017	FY 2018	FY 2019
Total Dial-A-Ride Trips	54,975	50,433	48,872	46,123
Total Dial-A-Ride Passengers (includes PCAs and Companions)	58,798	54,121	50,967	48,141
Revenue Hours	29,859	29,474	32,471	38,684
Total Hours	32,221	30,512	36,320	39,915
Total Fare Revenue	\$196,223	\$180,063	\$168,648	\$162,931
Total Operating Costs	\$1,976,967	\$1,856,394	\$1,860,251	\$1,818,430
Operating Costs per Trip	\$35.96	\$36.81	\$38.06	\$39.43
Passenger Trips per Revenue Hour	1.84	1.71	1.51	1.19

Source: 2015 to 2019 Comprehensive Annual Financial Reports

6 SERVICE STANDARDS EVALUATION

This section summarizes the existing board adopted mission, vision, values, goals, and strategies for LAVTA. It also summarizes the results from the service standards evaluation. The fixed route service standards are broken up into systemwide standards and route-level standards, each of which are presented in their own separate sections. Collectively, this section analyzes the LAVTA fixed route network on several different metrics, including ridership, productivity, and efficiency.

The results of this evaluation, along with the on-time performance data presented in the next section, are included in individual route profiles, which can be found in Appendix A.

MISSION, VISION, VALUES, GOALS, AND STRATEGIES

In 2012, the Board of Directors for the Livermore Amador Valley Transit Authority adopted a new LAVTA Strategic Plan. The Strategic Plan—developed from interviews and workshops with policy makers and management staff—provides a set of guiding principles, beginning with the overall mission of the agency and ending with a set of goals and strategies. There are no recommended changes to LAVTA’s mission, vision, values, goals, or strategies included in this SRTP. However, each of these may be evaluated for potential updates in the forthcoming LRTP.

Mission

The Mission of the Livermore Amador Valley Transit Authority is to provide equal access to a variety of safe, affordable, and reliable public transportation choices, increasing the mobility and improving the quality of life of those who live or work in and visit the Tri-Valley area.

Vision

An essential link in the regional transportation system, Wheels strives to be a well-recognized highly respected, integrated public agency utilizing appropriate tools and technologies to provide cost-effective, exceptional transit service in response to the needs and priorities of those who live or work in or visit the Tri-Valley area.

Values

We value...

- **Integrity** We act ethically and with integrity in all we do.
- **Accountability** We are accountable and responsible for our actions.
- **Service Quality** We do high quality work and maintain high standards in order to exceed customer expectations by providing friendly, personable and equal opportunity service.
- **Community** We are a viable part of the community we serve and seek community involvement in developing and fostering transit service as an essential aspect of community quality of life.
- **Cooperation** We partner with other regional and local agencies to ensure full access to a comprehensive range of community mobility options.
- **Environment** We view public transit as a means of improving air quality and conserving our natural resources.
- **Respect** We treat all persons with dignity, respecting life, property, and the environment; capitalizing on the wealth of viewpoints that reside in our multi-faceted community; all contributions are valued.
- **Stewardship** We are prudent and resourceful stewards of the public dollars with which we have been entrusted.

Goals and Strategies

The following are goals identified by the LAVTA Board of Directors:

- A. **Service Development:** Provide effective transit services that increase accessibility to community, services, and jobs.
- B. **Marketing and Public Awareness:** Improve visibility, image and awareness of Wheels.

- C. **Community and Economic Development:** Utilize transit as an essential community and economic development tool for local communities.
- D. **Regional Leadership:** Strengthen Wheels' leadership position within the region to enhance opportunities for development and maintenance of quality transit service.
- E. **Organizational Effectiveness:** Strengthen organization wide capabilities and resources to improve overall performance and customer satisfaction.
- F. **Financial Management:** Maintain fiscal responsibility to ensure the financial sustainability of existing and new transit services.

The following are strategies designed to help meet the goals outlined above.

Figure 37 Goals and Strategies

Goals	Strategies	
A. Service Development	A1	Provide routes and services to meet current and future demand for timely and reliable transit service subject to fiscal restraints
	A2	Increase accessibility to community, services, senior centers, medical facilities, and jobs
	A3	Optimize existing routes and services to increase productivity and respond to MTC's Transit Sustainability Project and MTC's TriCity/Tri Valley Transit Study
	A4	Improve connectivity with regional transit systems and participate in the activities of projects like BART to Livermore and Altamont Commuter Express to ensure future connectivity
	A5	Explore innovative fare policies and pricing options
	A6	Provide routes and services to promote mode shift from personal car to public transit
B. Marketing and Public Awareness	B1	Continue to build the Wheels brand image, identity and value for customers
	B2	Improve the public image and awareness of Wheels
	B3	Increase two-way communication between Wheels and its customers
	B4	Increase ridership, particularly on the Rapid, to fully attain community benefits achieved through optimum utilization of our transit system
	B5	Promote Wheels to new businesses and residents

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Goals	Strategies	
C. Community and Economic Development	C1	Integrate transit into local economic development plans
	C2	Advocate for increased transit friendly and transit oriented developments in the Cities' planning departments and in the site development processes, MTC's Regional Transportation Plan and Sustainable Communities Strategy, and ACTC's Countywide Transportation Plan, all of which respond to the climate change issue of SB375
	C3	Partner with employers in the use of transit to meet transportation demand management goals or requirements
D. Regional Leadership	D1	Advocate for local, regional, state, and federal policies that support Wheels' goals
	D2	Support Staff involvement in leadership roles representing the agency at regional, state, and federal forums
	D3	Promote transit priority and improvements initiatives with city and county governments
	D4	Develop regional initiatives, for example the Clipper Card, that support riders mobility through more seamless passenger use, in coordination with MTC and nearby CATS operators, in response to what has emerged as regional policy in the Transit Sustainability Project
E. Organizational Effectiveness	E1	Promote system wide continuous quality improvement initiatives
	E2	Continue to expand the partnership with contract staff to strengthen teamwork and morale and enhance the quality of service
	E3	Establish performance based metrics with action plans for improvement; monitor, improve, and periodically report on on-time performance and productivity
	E4	Strengthen human resources through staff development and a focus on employee quality of life and strengthen technical resources throughout the organization
	E5	Enhance and improve organizational structures, processes and procedures to increase system effectiveness

Goals	Strategies	
	E6	Develop policies that hold Board and Staff accountable, providing clear direction through sound policy making decisions
F. Financial Management	F1	Develop budget in accordance with the Strategic Plan, integrating fiscal review processes into all decisions
	F2	Explore and develop revenue generating opportunities
	F3	Maintain fiscally responsible long range capital and operating plans

PERFORMANCE STANDARDS

Goals of Standards

Service standards provide a consistent framework for the effective management, evaluation, and planning of public transit services. At the system level, an agency can see big picture operational and financial trends. At the route level, performance can be compared to the system averages, and can give transit planners information to justify service decisions. Service standards should:

- Reflect and support community goals and strategies for transit, program objectives and service policies. Goals and strategies serve as guidance for the transit agency to best serve riders in the community, whereas standards provide a formal, quantifiable structure for how the service should perform and be implemented.
- Provide a clear rationale for service increases, expansion, and reductions. Service standards help management justify critical decisions affecting service delivery.
- Provide benchmark measures that should strike a balance between setting realistic goals and aspiring for a level of service that will ensure a quality of service for riders.
- Ensure compliance with all applicable federal, California, and local regulatory requirements.
- Provide criteria for the design and operation of safe and effective transit service.

Systemwide Standards

This subsection presents the systemwide service standards and corresponding results. The first half of this subsection focuses on the systemwide performance standards, while the second half of the subsection focuses on systemwide quality of service standards.

Systemwide Performance Standards

The service standards and results are summarized in Figure 38, with charts showing historical trends immediately following the table. As shown in the table, using the most recent year of pre-pandemic data, LAVTA has met only one out of the five service standards.

Figure 38 Systemwide Service Standards and Results

Category/Measure	Systemwide Service Standards	Figure to Reference	Results for FY 2019	Trend
Ridership	Increase from prior year	Figure 39	MET	Ridership was trending downward prior to FY2017, then increased in both FY 2018 and FY2019
Passengers per Revenue Hour	At least 15.0	Figure 40	NOT MET	The system last met the standard in 2011.
Passengers per Revenue Mile	At least 1.0	Figure 41	NOT MET	The system last met the standard in 2011.
Farebox Recovery Ratio	At least 20%	Figure 42	NOT MET	The system has not met the 20% farebox recovery ratio in the last five years.
Change in Operating Cost per Hour	Growth less than five percentage points above change in Bay Area CPI	Figure 43	NOT MET	The trend had been positive from FY2015 to FY2018 with a large increase in FY 2019.

Figure 39 Annual Ridership

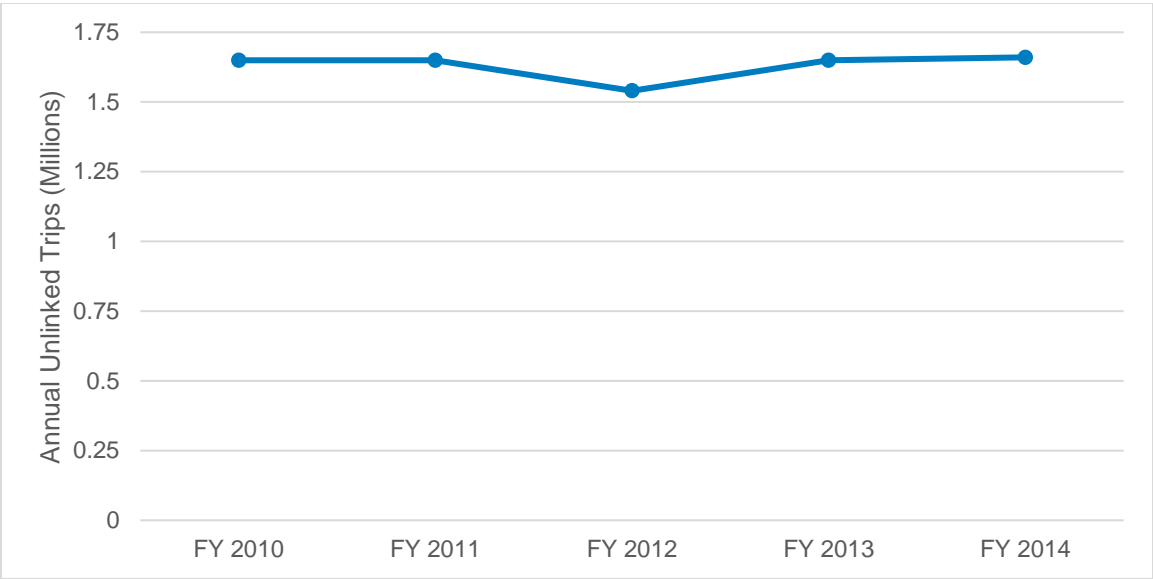


Figure 40 Annual Passengers per Revenue Hour

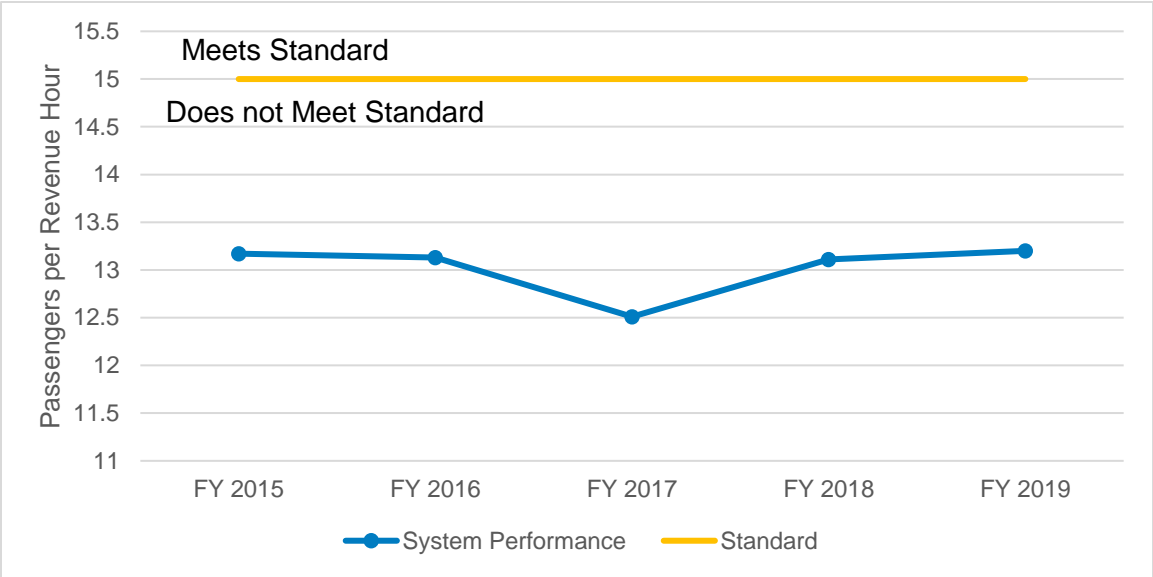


Figure 41 Annual Passengers per Revenue Mile

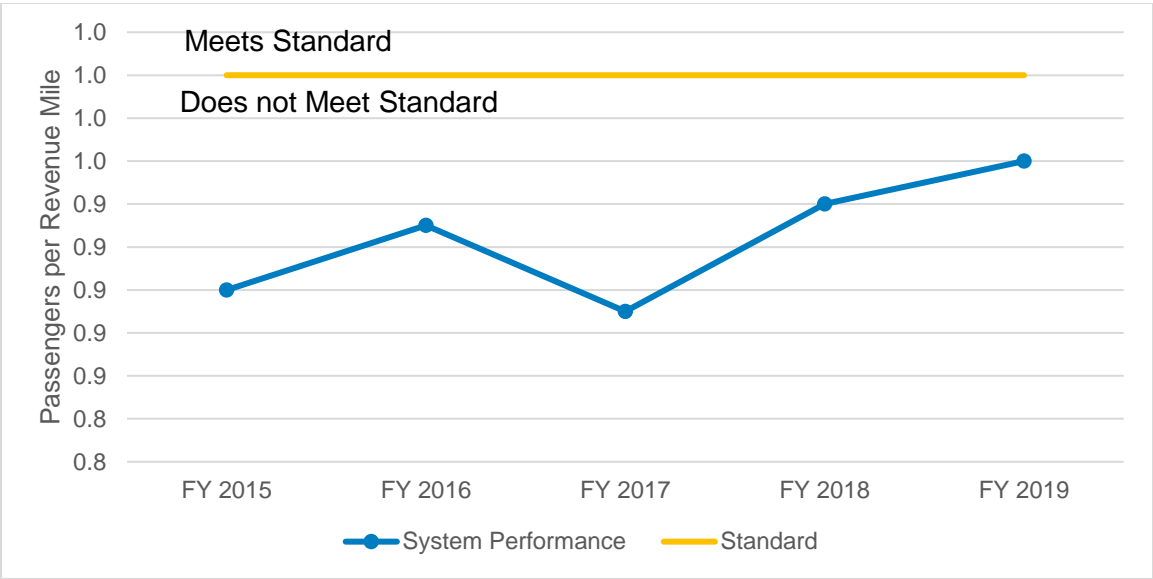


Figure 42 Farebox Recovery Ratio

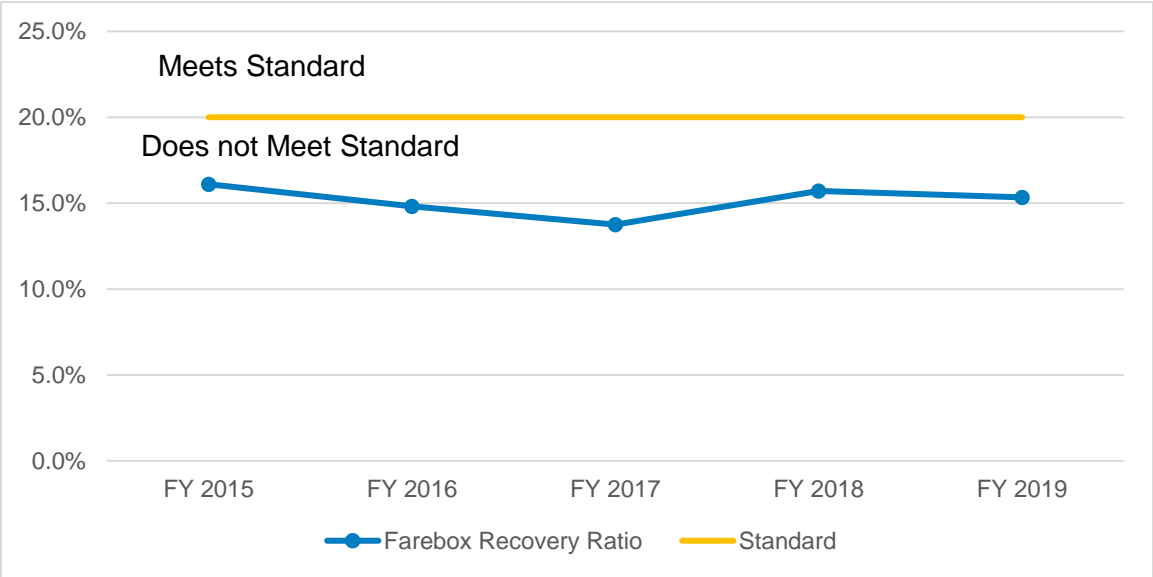
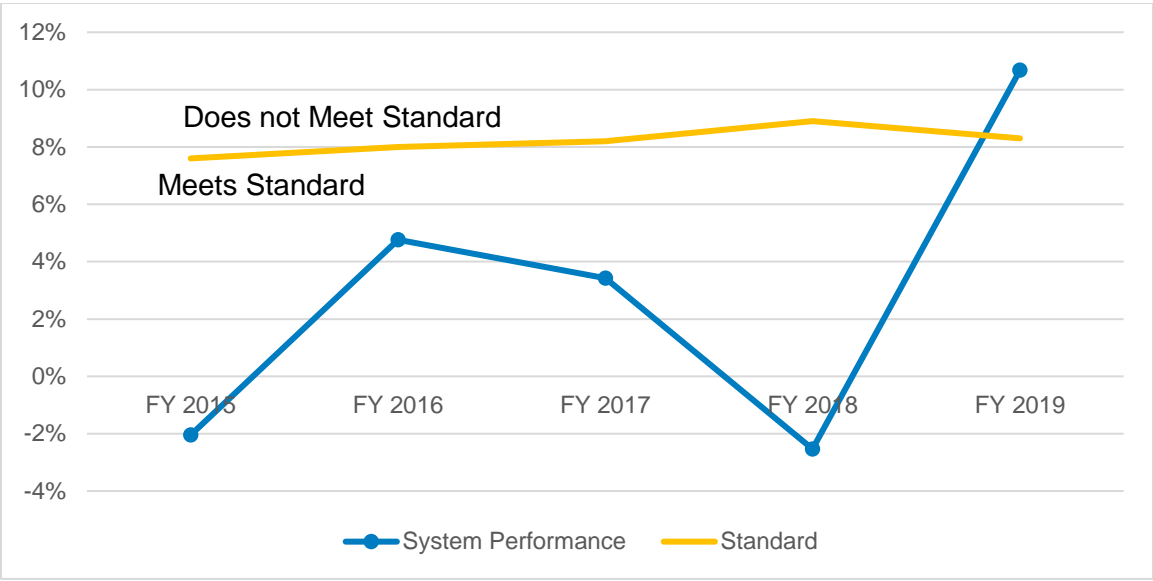


Figure 43 Change in Operating Cost per Hour



Route-Level Standards

This subsection presents the route-level service standards and corresponding results.

Service Standards and Results

The route-level standards differ depending on the classification of the route. Infrequent routes, comprised of routes falling in the Express and School Tripper categories, were evaluated using boardings per trip, while the more frequent routes were evaluated using boardings per hour.

The fixed-route service standards and results are summarized in Figure 44, with charts showing historical trends immediately following the table. As shown in the table, using the most recent year of data, about half of LAVTA's routes (14 of 29) did not meet the standard.

It is recommended that routes that do not meet the service standards be evaluated further to identify possible improvements or elimination.

Figure 44 Route-Level Service Standards and Results

Category	Route-Level Service Standard	Figure to Reference	Results
Rapid	Greater than 15 boardings per revenue hour	Figure 45	Both Rapid routes fell slightly below the standard
Local	Greater than 10 boardings per revenue hour	Figure 46	Four of the nine local routes met the standard
Express	Greater than 15 boardings per trip	Figure 47	All three express routes fell below the standard
School Tripper	Greater than 15 boardings per trip	Figure 48	The majority (11 of 15) of the school tripper routes met or exceeded the standard

Figure 45 Rapid Routes Results

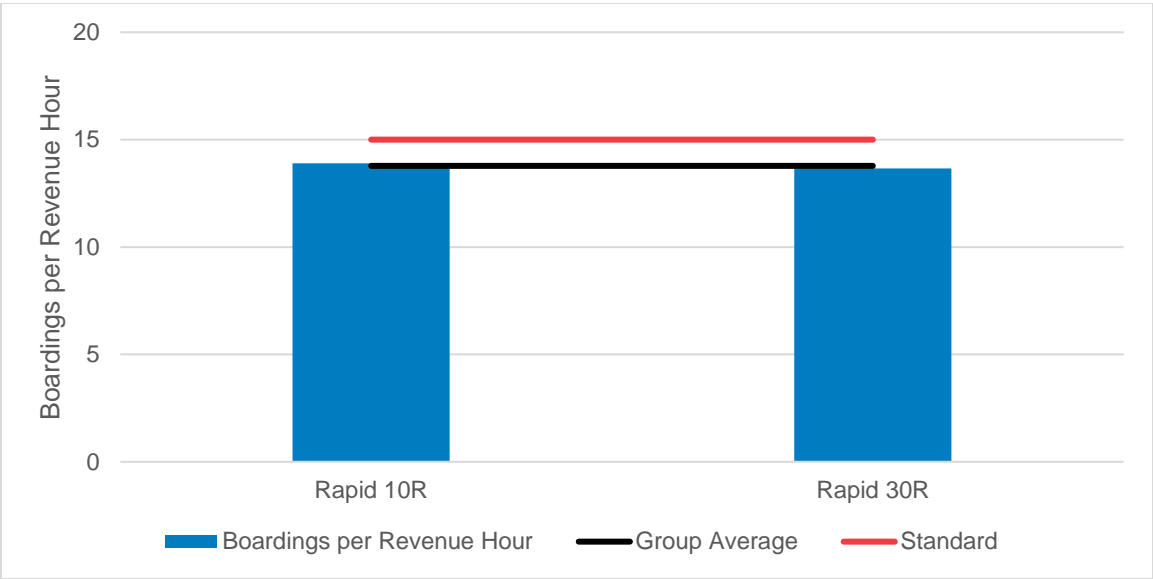


Figure 46 Local Routes Results

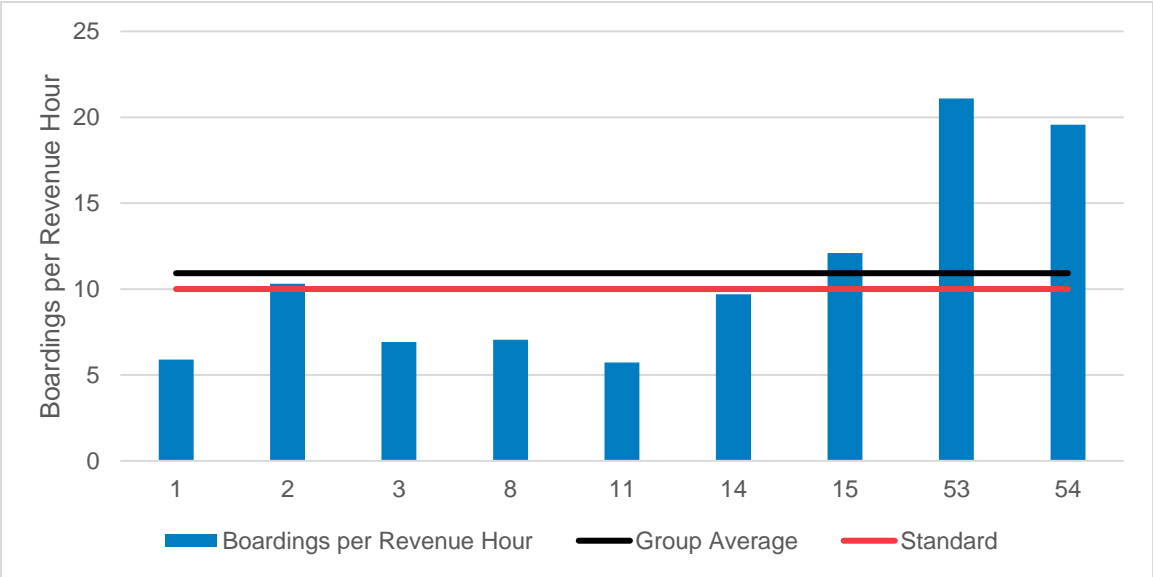


Figure 47 Express Routes Results

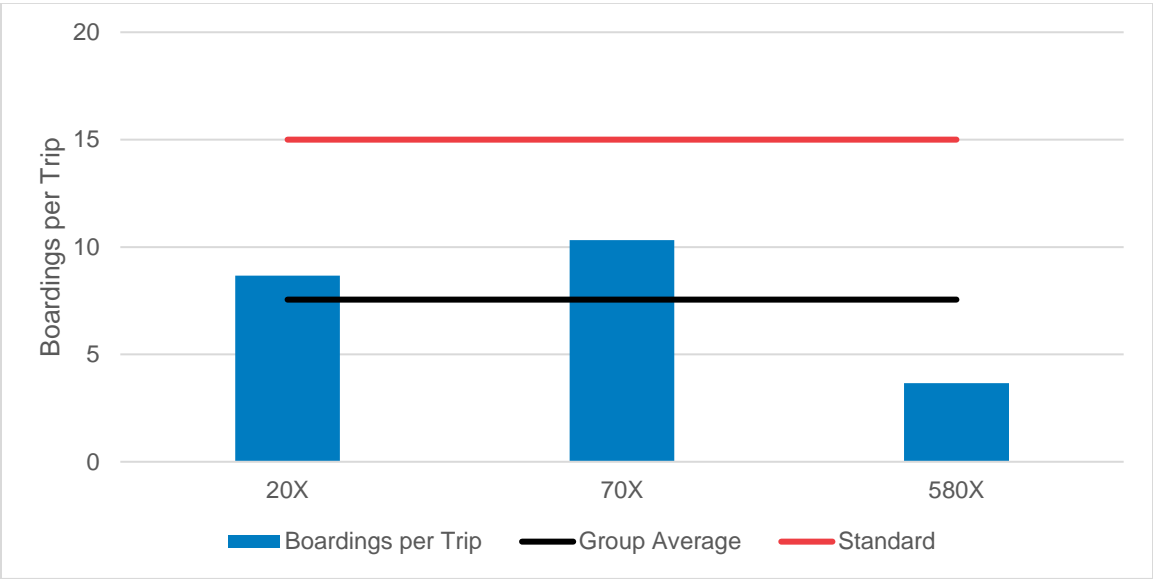
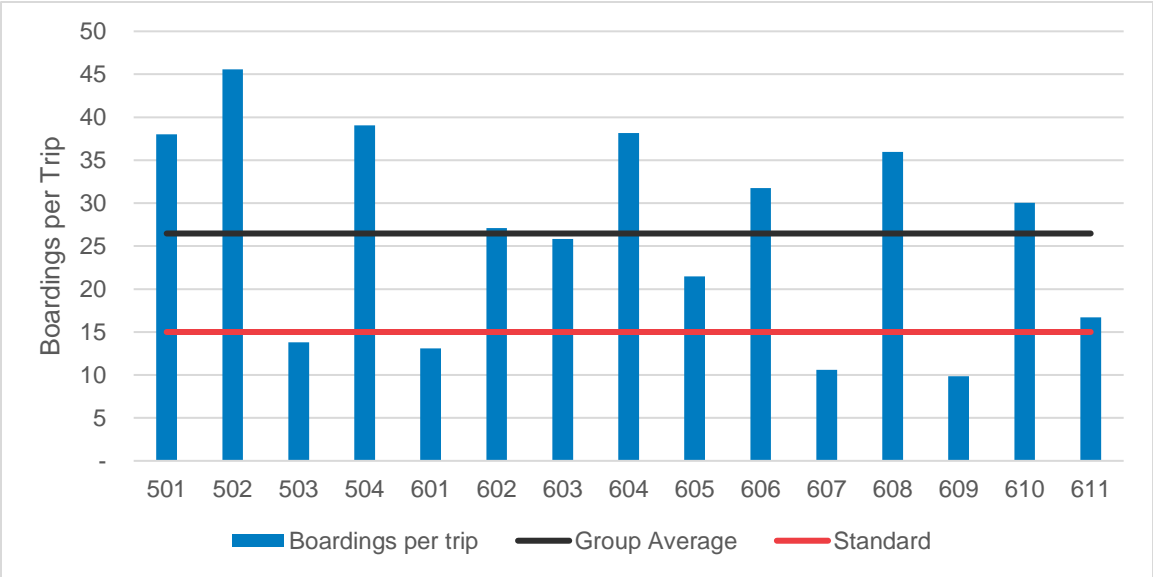


Figure 48 School Tripper Routes Results



Paratransit Standards

This section summarizes the results from the service standards evaluation. The paratransit service standards and results are summarized in Figure 49, with charts showing historical trends immediately following the table. For FY2019, the paratransit service has met two of the four metrics.

Figure 49 Paratransit Service Standards and Results

Measure	Service Standard	Figure to Reference	Results for FY 2019	Trend
Valid Complaints per 1,000 Passengers	Less than 1.0	Figure 50	MET	Trending upward in the last five years but 2019 saw the complaint rate dip
On-Time Performance	Greater than 95%	Figure 51	NOT MET	On-time performance had been good up until 2018, when it fell below the standard
Phone Calls Answered within 60 seconds	Greater than 95% of the time	Figure 52	NOT MET	For the last five years, this metric has not been met
Preventable Accidents per 100,000 Miles	Less than 1.0	Figure 53	MET	For the last four years, this metric has met the standard, down from a high in 2015

Figure 50 Paratransit Valid Complaints per 1,000 Passengers

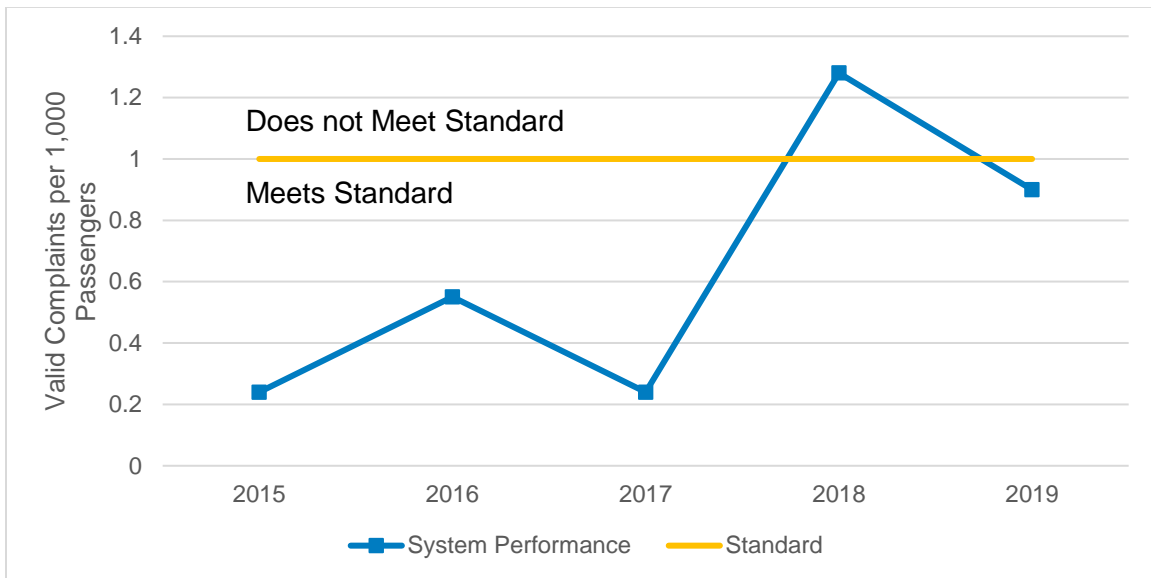


Figure 51 Paratransit On-Time Performance

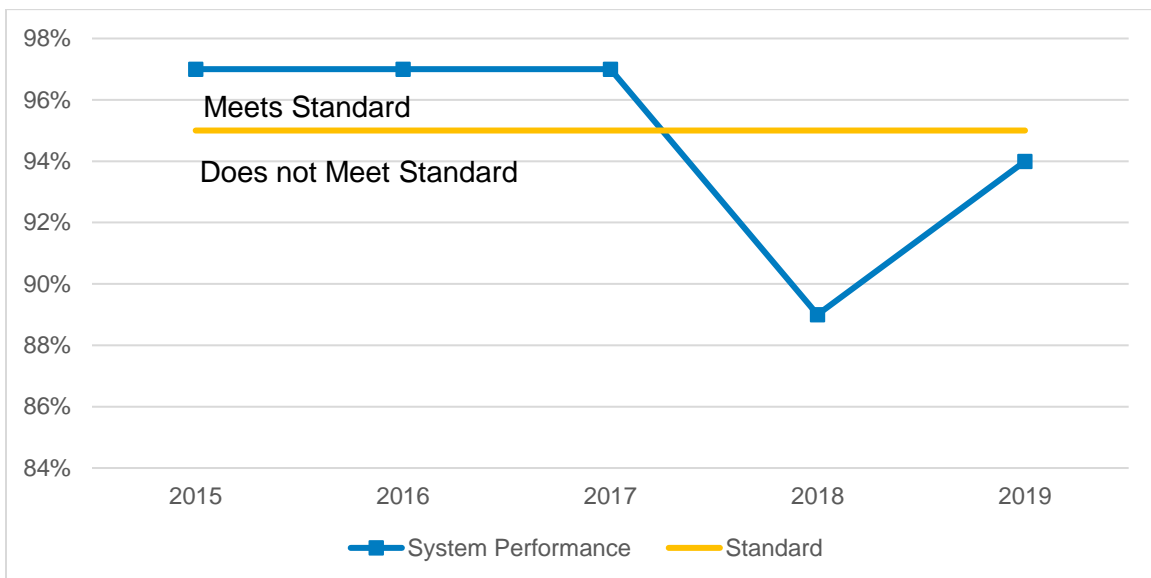


Figure 52 Phone Calls Answered within 60 Seconds

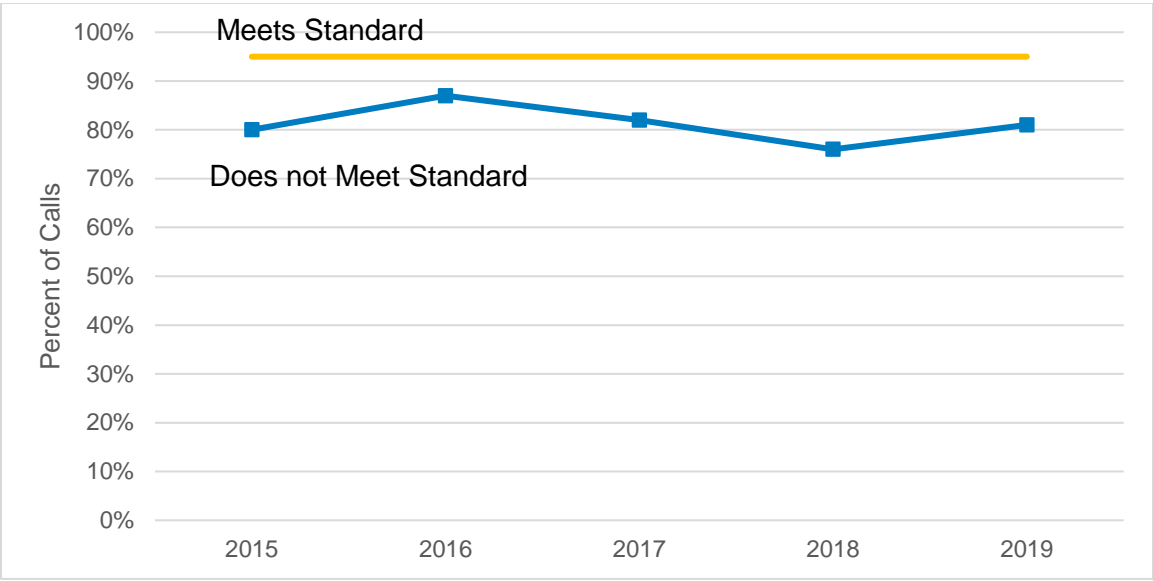
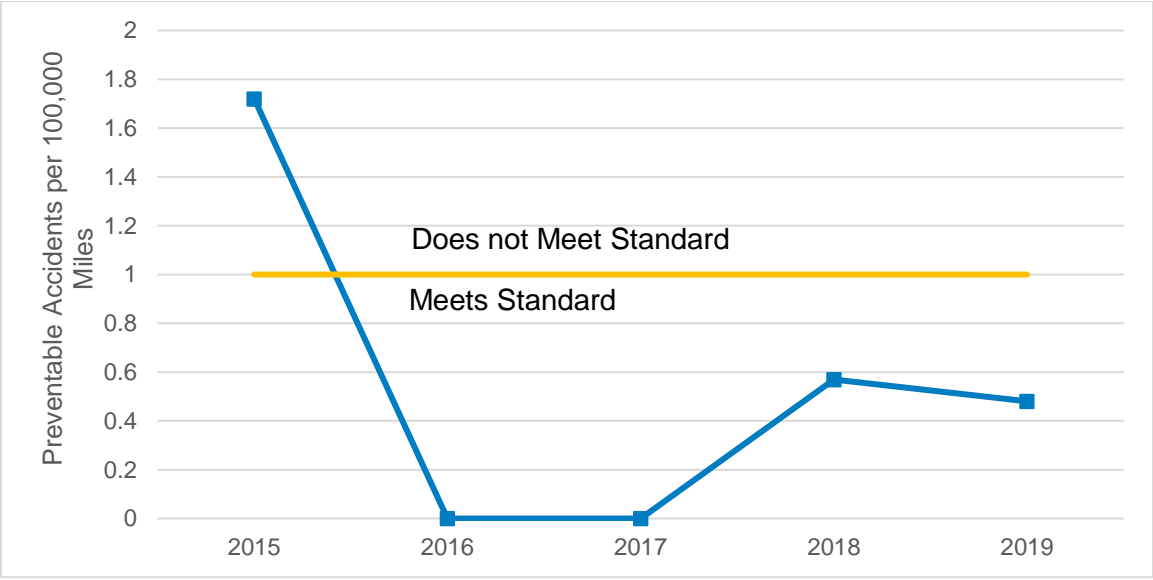


Figure 53 Preventable Accidents per 100,000 Miles



ON-TIME PERFORMANCE

On-time performance is a metric that helps gauge how dependable a service is to its users and is analyzed here at the route level. LAVTA does not have a systemwide standard for on-time performance. The results, summarized in this section, are broken up into the same four categories of routes used in the service standards evaluation. These results are also included in the individual route profiles, which can be found in Appendix A.

The results, shown in Figure 54, show that as a category, the rapid routes have the most reliable service. For the purpose of this analysis, on-time is defined as any departure from a timepoint between one minute early and five minutes late. School trippers likely have lower on-time performance because of heavy ridership loads, vehicular traffic in the vicinity of the schools served and because on morning trips drivers are instructed to continue to the school after passing their final timepoint. As a result, school trippers have a higher percentage of early arrivals than other services.

Figure 54 On-Time Performance by Route

Service Category	Route	Percent of Trips Early	Percent of Trips Late	Percent of Trips On-Time	Group On-Time Average
Rapid Routes	Rapid 10R	2%	17%	81%	84%
	Rapid 30R	1%	12%	87%	
Local	1	0%	13%	87%	82%
	2	1%	12%	86%	
	3	1%	20%	79%	
	8	3%	14%	83%	
	11	4%	6%	90%	
	14	4%	9%	87%	
	15	2%	13%	85%	
	53	1%	23%	76%	
	54	0%	33%	67%	
Express	20X	0%	14%	86%	77%
	70X	7%	43%	49%	
	580X	0%	5%	95%	
School Tripper	501 A/B/C	29%	19%	51%	67%
	502	10%	31%	60%	
	503	4%	30%	67%	
	504	14%	27%	59%	
	601	9%	26%	64%	

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Service Category	Route	Percent of Trips Early	Percent of Trips Late	Percent of Trips On-Time	Group On-Time Average
	602	13%	25%	62%	
	603	10%	10%	80%	
	604	21%	17%	62%	
	605	20%	23%	57%	
	606	5%	20%	75%	
	607	20%	14%	66%	
	608	4%	13%	83%	
	609	8%	23%	68%	
	610	12%	18%	70%	
	611	7%	12%	81%	

7 OPERATIONS PLAN & BUDGET

OPERATIONS PLAN

Introduction

The primary goal of the LAVTA SRTP is to improve transit service in the Tri-Valley area. Convenient and cost-effective transit service requires an appropriate balance of coverage, frequency, and service span.

The COVID-19 pandemic introduced multiple challenges for LAVTA. Transit demand dropped precipitously, as work commutes for many workers ceased. In addition, operator shortages become acute, making it difficult to operate service.

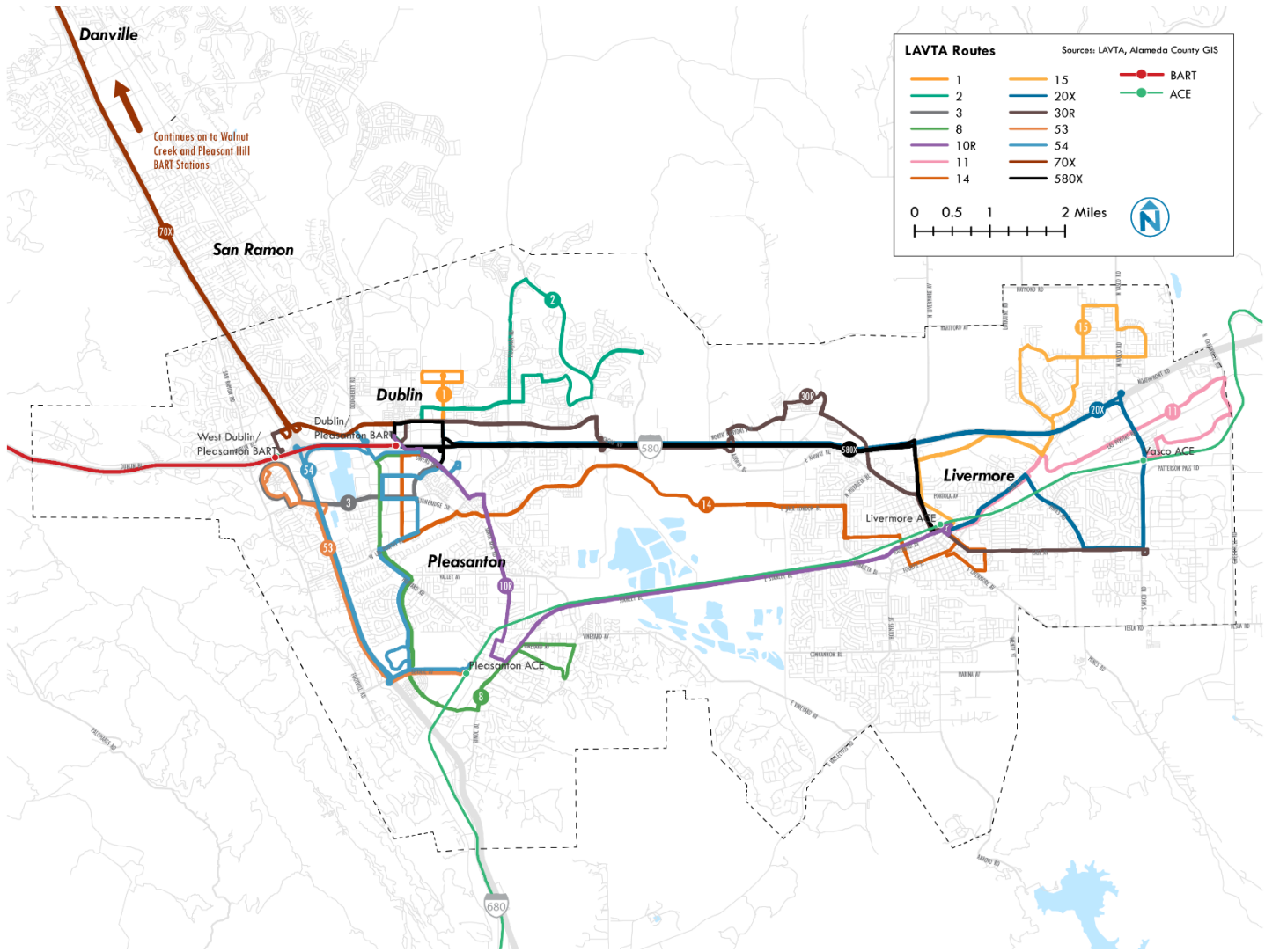
Key factors for consideration regarding temporary service reductions and reinstatement include:

- **Route Performance** – Some routes were underperforming before the Covid-19 pandemic. As travel patterns continue to shift throughout the pandemic recovery, it may be necessary to evaluate how or if underperforming services should be reimplemented.
- **Operator Shortage** – Operator shortages across the country are impacting the level of service that can be provided and can limit the availability to match demand or projected demand. Services may need to be prioritized for reimplementation based on the agency's ability to operate service with limited staff availability.

During the pandemic, LAVTA has reduced services as a result of smaller ridership demand. At the time of publication, it has been determined that the best path forward is to recommend operating the current level of service, with measures in place to trigger when a route that is currently suspended during COVID should be reinstated.

A map of the 2019 service network is shown on the following page, and route-by-route changes are described in the following section.

Figure 55 Route Network in 2019



TEMPORARY SERVICE REDUCTIONS

Impacts from the Covid-19 pandemic have been significant for transit agencies across the country. Between the rise of remote work and decreased demand for commute-oriented services, shift to remote learning for schools, increasing importance of serving essential workers during the midday and on weekends, and an ongoing operator shortage, temporary service reductions have been a common approach for many agencies, including LAVTA.

On March 16, 2020, the Alameda County Public Health Department announced that as of the following day all residents were to shelter at home limiting activity, travel, and business functions to only the most essential needs. In anticipation of declining resources, ridership, and this public health mandate, LAVTA staff developed a five-level service reduction process to provide passengers with an easy way to find out what services were still available.

Service Level 1 was implemented on March 17, 2020. All regular service was still operational, except school routes since in classroom instruction was halted effective March 16. Ridership on remaining LAVTA fixed routes dropped dramatically following the shelter at home order, from a high of 7,404 passengers on March 2 to a low of 786 on March 26.

Service Level 1: Regular service, no disruptions

- All Wheels and Rapid buses operating on regular schedules
- Dial-a-Ride Paratransit, Para-taxi and GoDublin still available
- Supplemental school routes discontinued until school resumes

Because of the nearly 90 percent ridership loss, Service Level 2 was implemented on Monday March 30, 2020. Additional cuts were implemented on Monday April 6, as LAVTA began operating at Service Level 3, which included discontinued service on three express routes as well as the Routes 2 and 11, all of which were either performing poorly prior to the pandemic or served areas where alternate service was available. The remaining routes were reduced to a weekend level of service and service after 11 pm was discontinued.

Service Level 2: Frequency reductions on Rapid Routes, other reductions

- Rapid Routes 10R and 30R will operate on a 30-minute frequency during hours when 15-minute frequency was previously offered
- Routes 20X and 580X will not operate due to extremely low ridership; alternate service available using Route 30R
- Route 2 will not operate due to extremely low ridership; alternate service available using LAVTA's GoDublin program
- Routes 53 and 54 continue to operate subject to continuation of ACE service
- Dial-a-Ride Paratransit, Para-taxi and GoDublin still available

Service Level 3: Weekend service schedules except for Rapid routes

- Rapid Routes 10R and 30R will continue to operate at the Service Level 2 frequencies
- Routes 1, 3, 8, 14 and 15 will operate on weekend schedules
- Routes 53 and 54 continue to operate subject to continuation of ACE service
- Route 2, 11, 20X, 70X and 580X will not operate
- All service after 11pm discontinued
- Dial-a-Ride Paratransit, Para-taxi and GoDublin still available

SERVICE RESTORATION

In March 2021, area school districts started to resume in classroom instruction. As a result, LAVTA restored school services concurrently with the resumption of classes. The next phase of service restoration was done in conjunction with the State of California announcing plans to fully reopen the economy in June 2021. Effective Monday June 14, weekday service was reinstated to pre-COVID levels from approximately 6:00-9:00 am and 3:00-6:00 pm on Routes 1, 3, 8, 10R, 14, and 30R. Route 15 returned to full weekday pre-COVID service levels. Service continued to end at 11 pm. The service resumptions were possible because drivers were available during the summer when school services were not operating.

LAVTA intended to continue hiring drivers so that when school services started back in August 2021, there would be sufficient drivers for the restored regular route service and the school services. Like many agencies across the country, LAVTA continued to experience staffing issues and was unable to sufficiently hire enough drivers to achieve this goal. As a result, LAVTA reduced peak hour service on the Rapid Routes 10R and 30R from every 15 minutes back to every 30 minutes, resulting in all regular services having the same 30-minute frequency during weekday peak hours. This represents present service levels. Figure 56 below compares the weekday revenue service hours for each regular route at three points in time: pre-COVID; the pandemic low point; and the current service level.

Figure 56 Weekday Revenue Hours by Route During Pandemic Related Service Changes

Route	Weekday Revenue Hours – Pre-Covid	Weekday Revenue Hours – Pandemic Low	Weekday Revenue Hours - Current
1	14.78	5.13	9.82
2	6.23	0	1.17
3	19.52	13.87	17.77
8	26.62	12.80	26.67
10R	100.27	53.43	49.90
11	5.53	0	0
14	36.12	22.60	31.37
15	32.65	15.80	30.87
30R	135.27	77.90	77.95
20X	2.87	0	0
70X	13.52	0	0
580X	8.00	0	0

FUTURE SERVICE RESTORATION

With extra service hours that will become available at the end of the current school year, LAVTA staff anticipates bringing back approximately one-third of the pre-COVID service on the Route 70X serving the East Dublin/Pleasanton, Walnut Creek and Pleasant Hill BART Stations and both trips on the Route 20X service

between the East Dublin/Pleasanton BART Station and LLNL via Vasco Road. Several requests have been received regarding the resumption of these routes. Additionally, during the summer, LAVTA runs service to Dublin High School summer school and the Alameda County Fair.

Bringing back 15-minute peak hour service to the two RAPID routes is the next priority since these routes serve both BART Stations, the Livermore ACE Station, Las Positas College, employment centers, medical facilities, and multiple middle and high schools. These, and any additional service restorations to move service back to pre-COVID levels, will be predicated on the successful recruitment of additional operators.

Because the ongoing, nationwide operator shortage is the key factor limiting service restoration, the order in which services are restored must be prioritized in order to make the most effective use of limited resources. Figure 57 prioritizes services which have yet to be fully restored following the initial pandemic related service reductions. While this attempts to prioritize restoring existing services, future studies included in the forthcoming Long Range Transit Plan may explore the future of transit services for LAVTA and may result in additional service changes to better reflect the post-pandemic demand for transit in the region.

Figure 57 Service Resumption Priorities

Priority	Route	Service Restoration
1	10R and 30R	Reimplement 15-minute service in the peak period.
2	20X and 70X	Restore express service in conjunction with the return of the commuter market and as operator availability allows.
3	Remaining Local, Rapid, and Express Services	Restore remaining Local, Rapid, and Express services to pre-pandemic service levels as resources and operator availability allow.

OPERATIONS BUDGET

This section summarizes the operating budget for the SRTP period. Fixed-route and paratransit budgets are presented separately.

Fixed-Route Budget

Figure 58, Figure 59, and Figure 60 display the budgeted fixed-route expenses, operating characteristics, and revenues from FY 2022 through 2027. TDA 4.0 funds are assumed to balance the budget over the course of the SRTP period. Three-year retrospectives are shown in Figure 61 and Figure 62 on the pages following the budget.

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Figure 58 Fixed-Route Expense Budget for SRTP Period (FY 2022-2027)

Category	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
Labor (b)	\$1,603,751	\$1,726,695	\$1,813,030	\$1,903,681	\$1,998,865	\$2,098,809
Fringe Benefits (c)	\$1,133,024	\$1,413,343	\$1,484,010	\$1,558,211	\$1,636,121	\$1,717,927
Services (d)	\$1,198,631	\$1,007,618	\$1,037,847	\$1,068,982	\$1,101,051	\$1,134,083
Fuel and Lube	\$887,067	\$2,164,000	\$2,380,400	\$2,618,440	\$2,880,284	\$3,168,312
Utilities (e)	\$359,220	\$365,442	\$383,714	\$402,900	\$423,045	\$444,197
Insurance	\$430,425	\$643,654	\$675,837	\$709,629	\$745,110	\$782,365
Purchased Transportation (a)	\$9,040,669	\$11,207,472	\$12,552,369	\$12,866,178	\$13,187,832	\$13,517,528
LAVTA Administration and Legal (b)	\$440,563	\$1,356,165	\$462,591	\$1,423,973	\$485,721	\$1,495,172
Total	\$15,093,349	\$19,884,389	\$20,789,797	\$22,551,993	\$22,458,030	\$24,358,394

Notes:

- (a) Current contract escalators through end of option years- remaining years are calculated using the last year's escalator
- (b) Based on current and historical trends
- (c) Based on analysis of prior benefit trends
- (d) Assumed to increase by 3% a year after FY21-22
- (e) Assumed to increase by 5% a year after FY21-22

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Figure 59 Fixed-Route Operating Characteristics

Category	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
Revenue Hours	91,031	107,146	125,706	125,706	125,706	125,706
Deadhead hours	9,855	9,643	11,314	11,314	11,314	11,314
Ridership (a)	829,376	995,251	1,194,301	1,313,732	1,445,105	1,589,615
% Ridership Increase	97%	20%	20%	10%	10%	10%
Average Fare Per Passenger	\$1.41	\$1.47	\$1.39	\$1.36	\$1.34	\$1.31
Passenger per Revenue Hour	9.11	9.29	9.50	10.45	11.50	12.65
Farebox Recovery Ratio	8%	7%	8%	8%	9%	9%
Cost per Hour	\$165.80	\$185.58	\$165.38	\$179.40	\$178.66	\$193.77

Notes:

(a) Ridership forecast to increase by 20% in FY23 due to COVID recovery and return of the workforce, 10% each year after

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Figure 60 Fixed-Route Revenue Budget for SRTP Period (FY 2022-2027)

Category	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
Passenger Fares (a)	\$660,457	\$935,909	\$1,123,091	\$1,235,400	\$1,358,940	\$1,494,834
Business Parks (b)	\$206,224	\$212,410	\$218,783	\$225,346	\$232,106	\$239,070
Special Contract Fares (b)	\$304,180	\$313,305	\$322,704	\$332,385	\$342,357	\$352,628
Interest (c)	\$166,748	\$184,190	\$187,874	\$191,631	\$195,464	\$199,373
Concessions (b)	\$25,814	\$26,588	\$27,386	\$28,208	\$29,054	\$29,925
Advertising (d)	\$90,000	\$180,000	\$185,400	\$190,962	\$196,691	\$202,592
STA (e)	\$1,552,923	\$1,845,644	\$1,901,013	\$1,958,044	\$2,016,785	\$2,077,289
STA Lifeline	\$0	\$0	\$0	\$0	\$0	\$0
BART Subsidy (e)	\$661,131	\$300,792	\$0	\$0	\$0	\$0
Measure B Express Bus (f)	\$0	\$0	\$0	\$0	\$0	\$0
Measure B and BB (g)	\$1,591,187	\$1,603,800	\$1,651,914	\$1,701,471	\$1,752,516	\$1,805,091
JARC and New Freedom/5310	\$0	\$0	\$0	\$0	\$0	\$0
RM2	\$409,489	\$409,489	\$409,489	\$409,489	\$409,489	\$409,489
TFCA	\$245,000	\$245,000	\$252,350	\$259,921	\$267,718	\$275,750
FTA	\$1,636,697	\$5,730,074	\$4,355,371	\$0	\$0	\$0
TDA 4.0 Funds needed to balance budget	7,543,500	7,897,188	10,154,423	16,019,137	15,656,910	17,272,354
Total Revenues	\$15,093,349	\$19,884,389	\$20,789,797	\$22,551,993	\$22,458,030	\$24,358,394
Total Expenditures	\$15,093,349	\$19,884,389	\$20,789,797	\$22,551,993	\$22,458,030	\$24,358,394
Difference	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

- (a) Assumes no fare increase
- (b) Increases based on CPI
- (c) Based on trends
- (d) Based on current contract
- (e) BART's payments to LAVTA for providing feeder bus service to BART. BART intends to discontinue this.
- (f) Forecasts based on ACTC estimates of amounts available and historical receipts.
- (g) Forecasts based on FY23 projections and escalated at CPI

Figure 61 Three-Year Retrospective of Fixed-Route Expenses

Category	ACTUAL FY 16-17	ACTUAL FY 17-18	ACTUAL FY 18-19	3-Year % Growth
Labor	\$1,252,115	\$1,138,090	\$1,245,013	-0.6%
Fringe Benefits	\$568,893	\$528,672	\$815,235	43.3%
Services	\$1,024,471	\$825,589	\$950,334	-7.2%
Purchased Transportation	\$8,714,347	\$9,021,116	\$10,101,677	15.9%
Fuel, Parts, Supplies, and Other Operation Costs	\$2,086,934	\$6,519,351	\$2,141,637	2.6%
Total	\$13,646,760	\$18,032,818	\$15,253,896	11.8%

Over the three most recent pre-pandemic years, many of LAVTA's expense categories increased, leading to an 11.8% increase over the three-year period. Reductions in the expense categories of services were not enough to offset significant increases in fringe benefits, purchased transportation, and fuels, parts, supplies, and other operation costs. LAVTA will continue to work toward additional reductions in expenses and/or increasing revenue sources for the SRTP period to ensure the budget remains balanced.

Figure 62 Three-Year Retrospective of Fixed-Route Revenue

	ACTUAL	ACTUAL	ACTUAL	3-Year
Category	FY 16-17	FY 17-18	FY 18-19	% Growth
Fare Revenue	\$1,876,618	\$2,141,469	\$2,340,243	19.8%
Auxiliary, Non-Transportation, and Other Revenue	\$336,887	\$156,751	\$365,846	7.9%
General Operating Assistance	\$718,336	\$580,836	\$580,836	-23.7%
Local Transportation Fund	\$6,868,132	\$7,144,536	\$5,713,380	-20.2%
Local Sales Tax	\$1,592,428	\$1,721,957	\$1,866,950	14.7%
State Transit Assistance	\$1,663,237	\$1,357,662	\$3,760,282	55.8%
FTA Section 5307	\$591,122	\$540,583	\$463,360	-27.6%
Total	\$13,646,760	\$13,643,794	\$15,090,897	9.6%

LAVTA has maintained appropriate revenue levels in the past several pre-pandemic years, ensuring that expenses have been balanced. LAVTA will need to find solutions to attain additional revenue as sources diminish or become unavailable. From FY 2017 to FY 2019, certain revenue sources declined, including FTA funds, auxiliary, non-transportation, and other revenue, and general operating assistance funds.

Paratransit Budget

Figure 63, Figure 64, and Figure 65 display paratransit expenses, operating characteristics, and revenue from FY 2016 through 2025. Three-year retrospectives are shown in Figure 66 and Figure 67.

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Figure 63 Paratransit Expense Budget for SRTP Period (FY 2022-2027)

Category	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
Labor (a)	\$100,958	\$185,930	\$195,227	\$204,988	\$215,237	\$225,999
Fringe Benefits (b)	\$38,727	\$58,095	\$61,000	\$64,050	\$67,252	\$70,615
Services (d)	\$25,773	\$43,109	\$45,264	\$47,528	\$49,904	\$52,399
Utilities (c)	\$7,596	\$7,957	\$8,196	\$8,442	\$8,695	\$8,956
Insurance (d)	\$6,391	\$6,502	\$6,567	\$6,633	\$6,699	\$6,766
Purchased Transportation (e)	\$1,067,529	\$3,231,200	\$3,360,448	\$3,494,866	\$3,634,661	\$3,780,047
LAVTA Administration and Legal (a)	\$19,500	\$45,039	\$30,403	\$31,315	\$32,255	\$33,222
Total	\$1,266,473	\$3,577,832	\$3,707,104	\$3,857,821	\$4,014,702	\$4,178,004

Notes:

- (a) Increase based on current trends
- (b) Increase based on current trends
- (c) Increased 3% after FY21-22
- (d) Increase based on current trends
- (e) Increase based on new contract and increases in trips

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Figure 64 Paratransit Operating Characteristics

Category	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
Revenue Hours	14,384	21,575	25,890	28,479	31,327	34,460
Passenger Trips (a)	82,988	87,137	91,494	96,069	100,872	105,916
Ridership	23,558	35,336	42,403	46,644	51,308	56,439
% Ridership Increase	36.50%	33.33%	16.67%	9.09%	9.09%	9.09%
Average Fare Per Passenger	\$3.24	\$2.61	\$4.22	\$4.17	\$4.13	\$4.09
Passenger per Revenue Hour	1.6	1.6	1.6	1.6	1.6	1.6
Farebox Recovery Ratio (W/ Special Contract)	6%	3%	5%	5%	5%	6%
Cost per Hour	\$88.05	\$165.83	\$143.19	\$135.46	\$128.16	\$121.24

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Figure 65 Paratransit Revenue Budget for SRTP Period (FY 2022-2027)

Category	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
Passenger Fares	\$52,644	\$62,655	\$148,411	\$163,252	\$179,578	\$197,535
Special Contract Fares	\$23,696	\$29,600	\$30,488	\$31,403	\$32,345	\$33,315
TDA 4.5	\$159,119	\$296,348	\$305,238	\$314,396	\$323,827	\$333,542
Measure B and BB Paratransit	\$600,020	\$1,019,168	\$1,049,743	\$1,081,235	\$1,113,672	\$1,147,083
FTA		\$422,316	\$434,985	\$448,035	\$461,476	\$475,320
TDA 4.0 Funds	\$424,602	\$1,747,745	\$1,738,238	\$1,819,500	\$1,903,804	\$1,991,208
Funding Not Secured	-	-	-	-	-	-
Total Revenues	\$1,260,081	\$3,577,832	\$3,707,104	\$3,857,821	\$4,014,702	\$4,178,004
Total Expenditures	\$1,266,473	\$3,577,832	\$3,707,104	\$3,857,821	\$4,014,702	\$4,178,004
Difference	(\$6,392)	\$0	\$0	\$0	\$0	\$0

Figure 66 Three-Year Retrospective of Paratransit Expenses

Category	ACTUAL FY 16-17	ACTUAL FY 17-18	ACTUAL FY 18-19	3-Year % Growth
Labor	\$104,784	\$106,112	\$133,458	27.4%
Fringe Benefits	\$28,686	\$36,325	\$37,318	30.1%
Services	\$94,088	\$77,178	\$55,452	-41.1%
Purchased Transportation	\$1,617,401	\$1,631,607	\$1,579,648	-2.3%
Fuel, Parts, Supplies, and Other Operation Costs	\$11,435	\$12,140	\$12,554	9.8%
Total	\$1,856,394	\$1,863,362	\$1,818,430	-2.0%

Paratransit expenses have decreased over the three most recent pre-pandemic years. Labor and fringe benefits expenses increased significantly, but were offset by reductions in services and purchased transportation costs, contributing to a total decrease in expenses of 2.0%.

Figure 67 Three-Year Retrospective of Paratransit Revenue

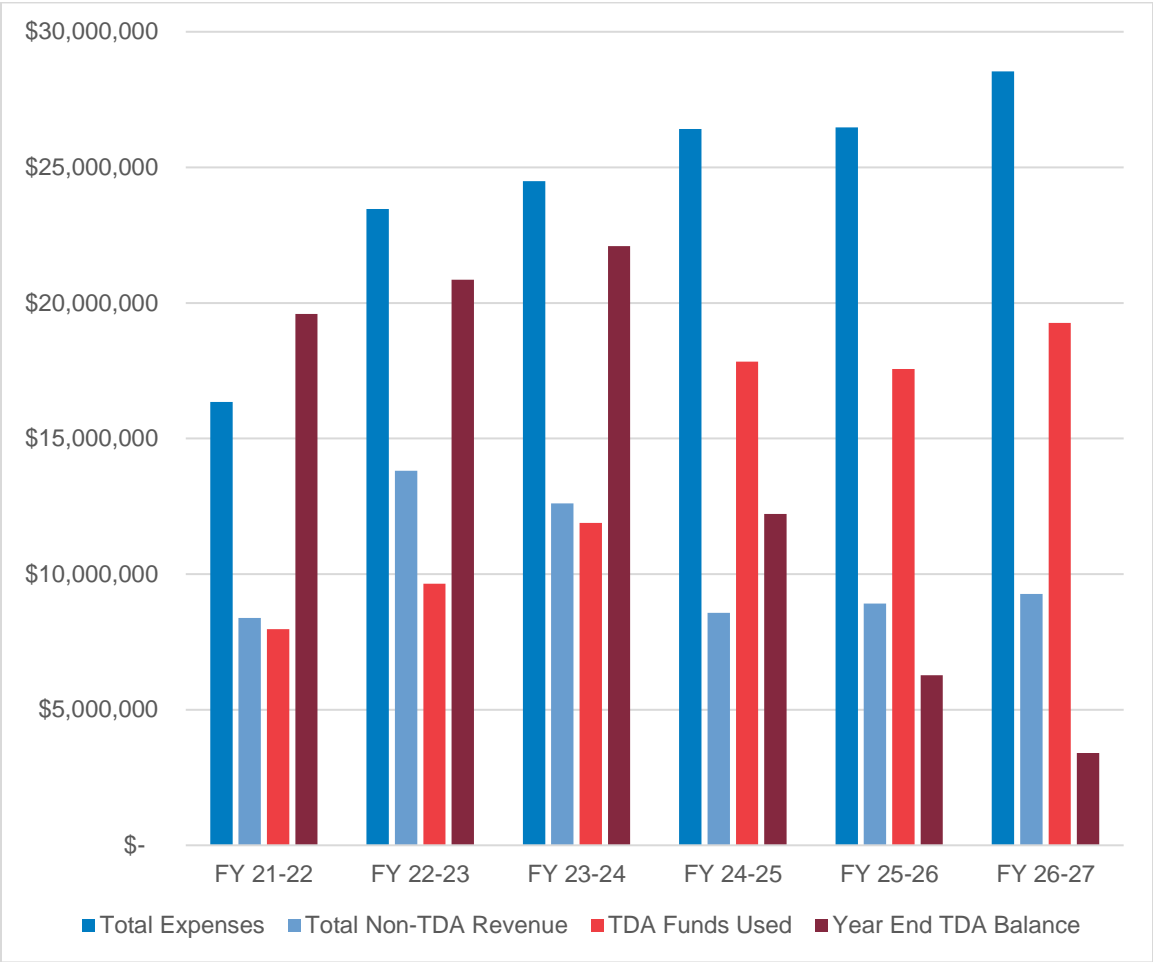
	ACTUAL	ACTUAL	ACTUAL	3-Year
Category	FY 16-17	FY 17-18	FY 18-19	% Growth
Fare Revenue	\$224,023	\$217,184	\$195,367	-12.8%
Local Transportation Fund	\$784,276	\$727,417	\$620,301	-20.9%
Local Sales Tax	\$462,914	\$509,291	\$572,180	23.6%
State Transit Assistance	\$34,738	\$56,773	\$23,813	-31.4%
Federal Operating Assistance	\$350,443	\$349,586	\$406,769	16.1%
Total	\$1,856,394	\$1,860,251	\$1,818,430	-2.0%

Summary

Projected expenses, revenues, and reserves for the SRTP are illustrated in Figure 68 and Figure 69. As shown below, expenses are projected to be greater than revenues from TDA 4.0 and other sources in each of the years, leading to declining reserves after FY 23-24 Funding provided through the CARES Act allowed LAVTA to replenish reserves during 2020 and 2021. Reserves are projected to be sufficient to offset the difference between revenues and expenses through the horizon of this SRTP. However, as reserves begin to decline, LAVTA should pursue strategies to achieve a balanced budget. These strategies may include:

- Reduce expenses/costs (e.g. paratransit)
- Increase current revenue sources (e.g. fares, advertising, contract services)
- Pursue other revenue sources (e.g. new local taxes, grants, etc.)

Figure 68 Total Revenues versus Expenses with Cumulative Reserve Balances



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Figure 69 TDA 4.0 Reserve Balance

Category	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
Prior Year TDA Carryover	\$4,950,887	\$12,871,606	\$14,468,380	\$9,703,701	\$8,821,799	\$1,869,358
TDA 4.0 Interest earned on reserves (Alameda Cty)	\$194,569	\$104,123	\$109,329	\$114,796	\$120,535	\$126,562
TDA 4.0 Revenue Forecast	\$10,823,468	\$12,938,264	\$13,611,054	\$14,155,496	\$14,721,716	\$15,310,584
Due to LTF	\$16,277,964	\$11,277,964	\$12,277,964	\$8,277,964	\$6,277,964	\$6,277,964
TDA 4.0 Usage:						
Operations	\$7,968,102	\$9,644,933	\$11,892,661	\$17,838,637	\$17,560,714	\$19,263,562
Capital (excludes prior year allocations)	\$4,686,907	\$6,691,351	\$6,477,606	\$2,193,021	\$6,107,416	\$923,327
Reserve Balance	\$19,591,879	\$20,855,673	\$22,096,460	\$12,220,298	\$6,273,884	\$3,397,579

8 CAPITAL IMPROVEMENT PROGRAM

This chapter provides a ten-year budget for fiscal years 2022-2031 that is based on historical data, policies, guidelines, and vehicle prices set by MTC. The largest expenses in capital within the next ten years are expected to come from the design and construction of the Atlantis facility, revenue fleet purchases, followed by major components rehab. FTA Sections 5307, and 5339, and TDA Article 4.0 are two of the major revenue sources that LAVTA is dependent on in balancing the ten-year capital improvement program budget.

Expenses within LAVTA's capital improvement program include the replacement, maintenance, and repair of: revenue and non-revenue vehicles (though significantly less often than years before), non-vehicle items (including equipment, furniture, IT, security, etc.), and facilities (Rutan, Atlantis, bus stops, etc.).

Assumptions for the ten-year capital improvement program include:

- Fiscal years where revenue vehicles are expected to be procured are: 2022, 2023, 2028 and 2029 although with funding delays the vehicles will be received on a year lag.
- Fiscal years where non-revenue vehicles are expected to be procured are: 2023, 2024, 2025, 2028 and 2029.
- Costs for many facility and major component capital needs for each increase CIP year are based on an inflation rate of 3%.

CAPITAL BUDGET

Figure 70 below presents the capital improvement program over the ten-year period. The total amount of funding needed for the capital improvement program over the period will be \$175,851,877.

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Figure 70 Capital Improvement Program for SRTP Period FY 2022-2031

Expenses	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
Fixed Route Vehicle Program	\$13,552,000	\$15,168,000	\$0	\$0	\$0	\$0	\$29,800,243	\$30,992,253	\$0	\$0	\$89,512,496
# of Vehicles	16	12	0	0	0	0	20	20	0	0	68
Support Vehicle Replacement	\$0	\$50,000	\$85,000	\$217,583	\$0	\$0	\$265,500	\$629,200	\$0	\$0	\$1,247,283
# of Vehicles	0	1	2	3	0	0	3	6	0	0	15
SAV Vehicle Project	\$0	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000
Components for Bus Purchases	\$917,296	\$722,184	\$0	\$0	\$0	\$0	\$1,261,282	\$1,318,613	\$0	\$0	\$4,219,375
Major Components	\$850,265	\$952,204	\$980,770	\$640,415	\$659,627	\$679,416	\$761,292	\$784,131	\$707,839	\$626,265	\$7,642,224
Miscellaneous Needs	\$741,766	\$6,524,759	\$1,262,409	\$361,024	\$333,389	\$130,911	\$138,448	\$226,002	\$135,572	\$209,159	\$10,063,437
Facility	\$1,241,900	\$34,365,500	\$18,258,263	\$426,000	\$5,114,400	\$113,000	\$125,400	\$123,000	\$293,600	\$106,000	\$60,167,063
Total Capital Expenses	\$17,303,227	\$57,782,647	\$23,586,442	\$1,645,021	\$6,107,416	\$923,327	\$32,352,165	\$34,073,198	\$1,137,011	\$941,424	\$175,851,877

Revenues	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
FTA	\$11,781,437	\$17,664,327	\$218,545	\$0	\$0	\$0	\$24,849,220	\$25,848,693	\$0	\$0	\$80,362,222
RM2	\$0	\$250,000	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,750,000
Other Local Funds	\$51,500	\$2,654,968	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,206,468
TDA Article 4.0	\$4,770,290	\$6,691,351	\$6,477,606	\$2,193,021	\$6,107,416	\$923,327	\$7,502,945	\$8,224,505	\$1,137,011	\$941,424	\$44,420,896
Funding Not Secured	\$700,000	\$30,522,000	\$13,890,290	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,112,290
Total Capital Revenues	\$17,303,227	\$57,782,647	\$23,586,442	\$1,645,021	\$6,107,416	\$923,327	\$32,352,165	\$34,073,198	\$1,137,011	\$941,424	\$175,851,877

Vehicle replacement program costs are based on MTC's price list as show in the next section

REVENUE VEHICLES

The existing LAVTA revenue fleet is shown below in Figure 71. The current fleet size is 66 vehicles (including six 2003 buses in LAVTA's contingency fleet).

There were 54 vehicles used at maximum pullout just prior to the pandemic, and the spare ratio at that time was 21%, including the contingency fleet. In 2018 LAVTA retired and sold all but six of the buses purchased in 2003. Those six were put in the "contingency fleet" and brought back out and put in the active fleet to accommodate the unprecedented ridership growth LAVTA was experiencing in late 2019 and early 2020. Vehicles that are removed from the fleet are typically sold. The vehicle replacement schedule is shown in Figure 76.

Figure 71 Current Revenue Fleet

Manufacturer	Year of Manufacture	VIN	Size	Seating Capacity	Wheelchair capacity	Mode of Power	Major Rehab	Year of Retire
Gillig Hybrid	2009	15GGD301891078670	40	39	2	Diesel Electric	No	2023
Gillig Hybrid	2009	15GGD301X91078671	40	39	2	Diesel Electric	No	2023
Gillig Hybrid	2009	15GGD301191078672	40	39	2	Diesel Electric	No	2023
Gillig Hybrid	2009	15GGD301391078673	40	39	2	Diesel Electric	No	2023
Gillig Hybrid	2009	15GGD301591078674	40	39	2	Diesel Electric	No	2023
Gillig Hybrid	2009	15GGD301791078675	40	39	2	Diesel Electric	No	2023
Gillig Hybrid	2009	15GGD301991078676	40	39	2	Diesel Electric	No	2024
Gillig Hybrid	2009	15GGD301091078677	40	39	2	Diesel Electric	No	2024
Gillig Hybrid	2009	15GGD301291078678	40	39	2	Diesel Electric	No	2024
Gillig Hybrid	2009	15GGD301491078679	40	39	2	Diesel Electric	No	2024
Gillig Hybrid	2009	15GGD301091078680	40	39	2	Diesel Electric	No	2024
Gillig Hybrid	2009	15GGD301291078681	40	39	2	Diesel Electric	No	2024
Gillig	2003	15GGD201531073704	40	39	2	Diesel	No	2023
Gillig	2003	15GGD201431073712	40	39	2	Diesel	No	2023
Gillig	2003	15GGD201631073713	40	39	2	Diesel	No	2023
Gillig	2003	15GGD201831073714	40	39	2	Diesel	No	2023
Gillig	2003	15GGD201531073717	40	39	2	Diesel	No	2023
Gillig	2003	15GGD201031073724	40	39	2	Diesel	No	2023
Gillig Hybrid	2007	15GGE191871091288	29	22	2	Diesel Electric	No	2023
Gillig Hybrid	2007	15GGE191X71091289	29	22	2	Diesel Electric	No	2023
Gillig Hybrid	2009	15GGE301491091784	29	22	2	Diesel Electric	No	2023
Gillig Hybrid	2009	15GGE301691091785	29	22	2	Diesel Electric	No	2023
Gillig Hybrid	2011	15GGE3019B1092287	29	22	2	Diesel Electric	No	2024
Gillig Hybrid	2011	15GGE3010B1092288	29	22	2	Diesel Electric	No	2024

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Manufacturer	Year of Manufacture	VIN	Size	Seating Capacity	Wheelchair capacity	Mode of Power	Major Rehab	Year of Retire
Gillig Hybrid	2011	15GGE3012B1092289	29	22	2	Diesel Electric	No	2024
Gillig Hybrid	2011	15GGE3012B1092289	29	22	2	Diesel Electric	No	2024
Gillig BAE Hybrid	2016	15GGB301XG1187554	35	28	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGB3011G1187555	35	28	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGB3013G1187556	35	28	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGB3015G1187557	35	28	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGB3017G1187558	35	28	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGB3019G1187559	35	28	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGB3015G1187560	35	28	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGB3017G1187561	35	28	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGB3019G1187562	35	28	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGB3010G1187563	35	28	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGD301XG1187564	40	34	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGD3011G1187565	40	34	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGD3013G1187566	40	34	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGD3015G1187567	40	34	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGD3017G1187568	40	37	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGD3019G1187569	40	37	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGD3015G1187570	40	37	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGD3017G1187571	40	37	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGD3019G1187572	40	37	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2016	15GGD3010G1187573	40	37	2	Diesel Electric	No	2029
Gillig BAE Hybrid	2017	15GGD3019H3189358	40	34	2	Diesel Electric	No	2030
Gillig BAE Hybrid	2017	15GGD3010H3189359	40	34	2	Diesel Electric	No	2030
Gillig BAE Hybrid	2017	15GGD3017H3189360	40	34	2	Diesel Electric	No	2030
Gillig BAE Hybrid	2017	15GGD3019H3189361	40	34	2	Diesel Electric	No	2030
Gillig BAE Hybrid	2017	15GGD3010H3189362	40	34	2	Diesel Electric	No	2030
Gillig BAE Hybrid	2017	15GGD3012H3189363	40	34	2	Diesel Electric	No	2030
Gillig BAE Hybrid	2017	15GGD3014H3189364	40	34	2	Diesel Electric	No	2030
Gillig BAE Hybrid	2017	15GGD3016H3189365	40	34	2	Diesel Electric	No	2030
Gillig BAE Hybrid	2017	15GGD3018H3189366	40	34	2	Diesel Electric	No	2030
Gillig BAE Hybrid	2017	15GGD301XH3189367	40	34	2	Diesel Electric	No	2030
Gillig BAE Hybrid	2017	15GGD3011H3189368	40	35	2	Diesel Electric	No	2030
Gillig Hybrid	2017	15GGE3015H3093305	29	22	2	Diesel Electric	No	2030
Gillig Hybrid	2017	15GGE3017H3093306	29	22	2	Diesel Electric	No	2030
Gillig Hybrid	2017	15GGE3019H3093307	29	22	2	Diesel Electric	No	2030
Gillig Hybrid	2017	15GGE3010H3093308	29	22	2	Diesel Electric	No	2030

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Manufacturer	Year of Manufacture	VIN	Size	Seating Capacity	Wheelchair capacity	Mode of Power	Major Rehab	Year of Retire
Gillig Hybrid	2017	15GGE3012H3093309	29	22	2	Diesel Electric	No	2030
Gillig Hybrid	2017	15GGE3010H3093311	29	22	2	Diesel Electric	No	2030
Gillig Hybrid	2017	15GGE3012H3093312	29	22	2	Diesel Electric	No	2030
Gillig Hybrid	2017	15GGE3014H3093313	29	22	2	Diesel Electric	No	2030
Gillig Hybrid	2017	15GGE3019H3093310	29	22	2	Diesel Electric	No	2030

Based on MTC vehicle price guidelines (see Figure 72), LAVTA will require \$89,512,500 to replace 68 revenue vehicles over the ten-year period. These vehicles will be replaced, because they will be at the end of their life cycles. In 2011, LAVTA was experiencing a ridership decline and 12 vehicles were retired, but only 4 were replaced. LAVTA took a “full life deferral” credit. However, in 2023 LAVTA is eligible to replace those vehicles and, plans to purchase the additional 8 vehicles.

Additionally, to accommodate capacity issues on trippers, LAVTA will be replacing the 29’ vehicles with 40’ vehicles. LAVTA is eligible to replace some paratransit “cutaway” vehicles, but with the current paratransit service delivery model these vehicles are not needed because the contractor provides the vehicles. Therefore, the seating capacity of these “deferred” vehicles are added to the seating capacity of the 29’ vehicles to allow for the purchase of 40’ vehicles.

Figure 75 lists the breakdown of revenue vehicles to be purchased, the costs associated, and the revenue sources that will be used to purchase the vehicles for the ten-year period. Fleet replacement is expected to occur in FY 2022, 2023, 2028 and 2029 with buses in service in FY 2023, 2024, 2028 and 2029. Sixteen of the sixty-eight planned purchases are diesel-electric hybrid vehicles. The remaining four will be Hydrogen Powered-Zero Emission Buses.

Figure 74 lists the additional components needed for the revenue vehicles. These are the Automatic Vehicle Locator (AVL) system, the fareboxes, and the radios.

In addition to the regular Fixed Route Fleet LAVTA is looking to establish a fleet of Shared Autonomous Vehicles to provide “last mile” service. Figure 73 shows the expenses and revenues for these purchases.

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Figure 72 MTC Vehicle Price List

	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
40' bus Hybrid										
Federal	\$677,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local	\$169,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$847,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40' bus Fuel Cell										
Federal	\$992,800	\$1,011,200	\$1,030,400	\$1,049,600	\$1,102,080	\$1,146,163	\$1,192,010	\$1,239,690	\$1,289,278	\$1,340,849
Local	\$248,200	\$252,800	\$257,600	\$262,400	\$275,520	\$286,541	\$298,002	\$309,923	\$322,319	\$335,212
Total	\$1,241,000	\$1,264,000	\$1,288,000	\$1,312,000	\$1,377,600	\$1,432,704	\$1,490,012	\$1,549,613	\$1,611,597	\$1,676,061

Notes: LAVTA is increasing its fleet size due to increased ridership.

LAVTA took a full life deferral on 8 vehicles in 2011 which will be replaced in the 2023 purchase.

Only purchased 4 replacement vehicles in 2011.

Deferred replacement of 8 of the 12 vehicles in 2011 for the full 12 years. All 12 will be replaced in FY 2023.

Figure 73 SAV Revenue Vehicle Procurement Program for SRTP Period

Expenditures	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
Vehicles	\$0	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000
Total Capital Expenses	\$0	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000

Revenues	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
FTA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TDA	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
RM2	\$0	\$0	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
Total Capital Revenues	\$0	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000

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Figure 74 Summary of Additional Components for Bus Purchases

Components for Bus Purchases	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
AVL	\$522,240	\$415,536	\$0	\$0	\$0	\$0	\$718,080	\$750,720	\$0	\$0	\$2,406,576
Fareboxes	\$332,016	\$256,488	\$0	\$0	\$0	\$0	\$456,522	\$477,273	\$0	\$0	\$1,522,299
Radios	\$63,040	\$50,160	\$0	\$0	\$0	\$0	\$86,680	\$90,620	\$0	\$0	\$290,500
Total Bus Purchase Components	\$917,296	\$722,184	\$0	\$0	\$0	\$0	\$1,261,282	\$1,318,613	\$0	\$0	\$4,219,375
# of vehicles	16	12	0	0	0	0	20	20	0	0	68

Revenues	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
FTA	\$733,837	\$577,747	\$0	\$0	\$0	\$0	\$1,009,026	\$1,054,890	\$0	\$0	\$3,375,500
Other local funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TDA Article 4.0	\$183,459	\$144,437	\$0	\$0	\$0	\$0	\$252,256	\$263,723	\$0	\$0	\$843,875
Funding Not Secured	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Capital Revenues	\$917,296	\$722,184	\$0	\$0	\$0	\$0	\$1,261,282	\$1,318,613	\$0	\$0	\$4,219,375

SHORT RANGE TRANSIT PLAN FY 2022 - 2027

Livermore Amador Valley Transportation Authority

Figure 75 Planned Fixed-Route Revenue Vehicle Procurement Program for SRTP Period

Expenditures	Replacement Vehicles	# of Vehicles	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
2007 Gillig Coaches (29 ft)	40 ft standard hybrid coaches	2	\$1,694,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,694,000
2009 Gillig Rapid Coaches (29 & 40 ft)	40 ft standard hybrid coaches	14	\$11,858,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,858,000
2011 Gillig Hybrid Coaches (29')	40 ft standard Zero Emission coaches	4	\$0	\$5,056,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,056,000
2011 Gillig Hybrid Coaches previously deferred	40 ft standard Zero Emission coaches	8	\$0	\$10,112,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,112,000
2016 Gillig Rapid Coaches (35 & 40 ft)	40 ft standard Zero Emission coaches	20	\$0	\$0	\$0	\$0	\$0	\$0	\$29,800,243	\$0	\$0	\$0	\$29,800,243
2017 Gillig Rapid Coaches (29 & 40 ft)	40 ft standard Zero Emission coaches	20	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,992,253	\$0	\$0	\$30,992,253
Total Capital Expenses		68	\$13,552,000	\$15,168,000	\$0	\$0	\$0	\$0	\$29,800,243	\$30,992,253	\$0	\$0	\$89,512,496
# of vehicles			16 40'	12 40'					20 40'	20 40'			

Revenues			FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
FTA Section 5307/5339			\$10,841,600	\$12,134,400	\$0	\$0	\$0	\$0	\$23,840,195	\$24,793,802	\$0	\$0	\$71,609,997
TDA Article 4.0			\$2,710,400	\$2,088,624	\$0	\$0	\$0	\$0	\$5,960,049	\$6,198,451	\$0	\$0	\$16,957,523
LCTOP			\$0	\$944,976	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$944,976
Funding Not Secured			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Capital Revenues			\$13,552,000	\$15,168,000	\$0	\$0	\$0	\$0	\$29,800,243	\$30,992,253	\$0	\$0	\$89,512,496
Additional Local Match Needed			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes: 5307 and 5339 Funding assumed for replacement purchases. TDA additional local match may be required when purchasing replacements as shown in table. Fleet needs subject to change based on future service plan.

SHORT RANGE TRANSIT PLAN FY 2022 - 2027

Livermore Amador Valley Transportation Authority

Figure 76 Summary of Fleet and Vehicle Replacement Schedule

In or Out of Service	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out
Year & Manufacturer	2022		2023		2024		2025		2026		2027		2028		2029		2030		2031	
40' 2003 Gillig Low-Floor	0	6																		
29' 2007 Gillig Hybrid	0	1																		
29' 2009 Gillig Hybrid	0	2																		
40' 2009 Gillig Hybrid	6	6	6		6		0	6												
29' 2011 Gillig Hybrid	4		4		4		0	4												
35' 2016 Fixed Route Replacement	10		10		10		10		10		10			10						
40' 2016 Fixed Route Replacement	10		10		10		10		10		10			10						
29' 2017 Fixed Route Replacement	5		5		5		5		5		5		5		0	5				
40' 2017 Fixed Route Replacement	15		15		15		15		15		15		15		0	15				
40' 2022 Fixed Route Replacement	16		16		16		16		16		16		16		16		16		16	
40' 2025 Fixed Route Replacement <i>b</i>							12		12		12		12		12		12		12	
40' 2028 Fixed Route Replacement <i>b</i>													20		20		20		20	
40' 2029 Fixed Route Replacement <i>b</i>															20		20		20	
40' 2034 Fixed Route Replacement <i>b</i>																				

SHORT RANGE TRANSIT PLAN FY 2022 - 2027
 Livermore Amador Valley Transportation Authority

40' 2037 Fixed Route Replacement <i>b</i>																			
Buses Retired	15	0	0	10	0	0	20	20	0	0									
Replacement buses purchased	16	0	0	12	0	0	20	20	0	0									
FTA Reported Fleet Size	66	66	66	68	68	68	68	68	68	68									
Spare Ratio <i>a</i>	22%	22%	22%	21%	21%	21%	21%	21%	21%	21%									

a Assumes no change to fleet size
b Spare ratio assumes a 49 bus pull out

NON-REVENUE VEHICLES

Existing non-revenue vehicle details are shown in Figure 77 below. There are currently a total of fourteen vehicles, although an additional one is scheduled to be purchased in FY 2025. Non-revenue vehicles have a variety of uses, including supervision, operator shift changes, marketing, maintenance department use, and other uses.

Figure 77 Current Non-Revenue Vehicles

Make	Model	Year	Estimated Replacement Year	Estimated Replacement Cost	Vehicle Type	Mode of Power
Chrysler	Town and Country	2008	2025	\$35,000	Mini Van	Gas
Ford	F 550	2003	2023*	\$50,000	Truck	Diesel
Chevrolet	3500 HD	2008	2024*	\$50,000	Truck	Diesel
Dodge	Ram 150	2015	2025	\$100,000	Truck	Diesel
Toyota	Prius	2005	2024	\$35,000	Car	Gas
Ford	Fusion Hybrid	2018	2028	\$88,500	Car	Gas
Ford	Fusion Hybrid	2018	2028	\$88,500	Car	Gas
Ford	Fusion Hybrid	2018	2028	\$88,500	Car	Gas
Ford	Transit 150	2019	2029	\$90,750	Van w/wheel chair ramp	Gas
Ford	Transit 150	2019	2029	\$90,750	Van w/wheel chair ramp	Gas
Ford	Transit Connect	2019	2029	\$90,750	Van	Gas
Ford	Transit Connect	2019	2029	\$90,750	Van	Gas

SHORT RANGE TRANSIT PLAN FY 2022 - 2027

Livermore Amador Valley Transportation Authority

Make	Model	Year	Estimated Replacement Year	Estimated Replacement Cost	Vehicle Type	Mode of Power
Ford	F 550	2019	2029	\$133,100	Truck	Diesel
Ford	F 350	2019	2029	\$133,100	Truck	Diesel

*Previously replaced but kept in the fleet for other uses

These vehicles will be replaced as needed. Figure 78 lists the breakdown of non-revenue vehicles to be purchased, the costs associated, and the revenue sources that will be used to purchase the vehicles over the CIP period. Non-revenue vehicles are expected to be replaced in FY 2023, 2024, 2025, 2028, 2029. The total cost for non-revenue vehicle replacements will be \$1,247,283.

SHORT RANGE TRANSIT PLAN FY 2022 - 2027

Livermore Amador Valley Transportation Authority

Figure 78 Non-Revenue Vehicle Procurement Program for SRTP Period

Expenditures	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
2015 Dodge Ram	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
2018 Ford Fusion Hybrid	\$0	\$0	\$0	\$0	\$0	\$0	\$88,500	\$0	\$0	\$0	\$88,500
2018 Ford Fusion Hybrid	\$0	\$0	\$0	\$0	\$0	\$0	\$88,500	\$0	\$0	\$0	\$88,500
2018 Ford Fusion Hybrid	\$0	\$0	\$0	\$0	\$0	\$0	\$88,500	\$0	\$0	\$0	\$88,500
2019 Transit 150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,750	\$0	\$0	\$90,750
2019 Transit 150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,750	\$0	\$0	\$90,750
2019 Transit Connect	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,750	\$0	\$0	\$90,750
2019 Transit Connect	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,750	\$0	\$0	\$90,750
2019 Ford 550	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$133,100	\$0	\$0	\$133,100
2019 Ford 350	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$133,100	\$0	\$0	\$133,100
2003 Ford F 550	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
2008 3500 HD	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Additional vehicle for increase service	\$0	\$0	\$0	\$82,583	\$0	\$0	\$0	\$0	\$0	\$0	\$82,583
2008 Town and Country	\$0	\$0	\$0	\$35,000	\$0	\$0	\$0	\$0	\$0	\$0	\$35,000
2005 Prius Hybrid (6420)	\$0	\$0	\$35,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,000
Total Vehicle Expenses	\$0	\$50,000	\$85,000	\$217,583	\$0	\$0	\$265,500	\$629,200	\$0	\$0	\$1,247,283
# of vehicles	0	1	2	3	0	0	3	6	0	0	15

SHORT RANGE TRANSIT PLAN FY 2022 - 2027

Livermore Amador Valley Transportation Authority

Expenditures	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
TDA Article 4.0	\$0	\$50,000	\$85,000	\$217,583	\$0	\$0	\$265,500	\$629,200	\$0	\$0	\$1,247,283
Funding Not Secured	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Capital Revenues	\$0	\$50,000	\$85,000	\$217,583	\$0	\$0	\$265,500	\$629,200	\$0	\$0	\$1,247,283

FACILITIES & NON-VEHICLES

Figure 79 shows facility costs over the CIP period. Maintenance facility expenses are expected to be most significant in FY 2025. Funding sources are expected to be limited to PTMISEA, TDA Article 4.0 and FTA. Maintenance facility costs include any equipment, and tree maintenance at owned facilities.

Other miscellaneous categories not categorized as revenue vehicles, non-revenue vehicles, or maintenance are shown in Figure 80 and Figure 81 on the following pages.

SHORT RANGE TRANSIT PLAN FY 2022 - 2027

Livermore Amador Valley Transportation Authority

Figure 79 Facility Costs for SRTP Period

Facility	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
Administration, Operations	\$100,000	\$375,000	\$100,000	\$355,000	\$100,000	\$100,000	\$100,000	\$100,000	\$279,200	\$100,000	\$1,709,200
Maintenance Facility	\$141,900	\$235,500	\$237,400	\$65,000	\$5,014,400	\$8,000	\$19,400	\$23,000	\$9,400	\$0	\$5,754,000
Transit Center	\$0	\$570,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$570,000
Atlantis	\$1,000,000	\$33,185,000	\$17,920,863	\$6,000	\$0	\$5,000	\$6,000	\$0	\$5,000	\$6,000	\$52,133,863
Total Facility	\$1,241,900	\$34,365,500	\$18,258,263	\$426,000	\$5,114,400	\$113,000	\$125,400	\$123,000	\$293,600	\$106,000	\$60,167,063

Revenues	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
FTA	\$0	\$440,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$440,000
PTMISEA	\$0	\$94,102	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$94,102
Bridge Tolls	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TDA Article 4.0	\$541,900	\$3,309,398	\$4,367,973	\$426,000	\$5,114,400	\$113,000	\$125,400	\$123,000	\$293,600	\$106,000	\$14,520,671
Other local funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding Not Secured	\$700,000	\$30,522,000	\$13,890,290	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,112,290
Total Capital Revenues	\$1,241,900	\$34,365,500	\$18,258,263	\$426,000	\$5,114,400	\$113,000	\$125,400	\$123,000	\$293,600	\$106,000	\$60,167,063

Budget does not include the purchase of additional land or sale of existing facility

SHORT RANGE TRANSIT PLAN FY 2022 - 2027

Livermore Amador Valley Transportation Authority

Figure 80 Miscellaneous Capital Improvement Program for SRTP Period

Facilities Needs	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
Miscellaneous Facility/Office Equipment	\$6,000	\$3,000	\$10,000	\$5,000	\$6,000	\$3,000	\$10,000	\$5,000	\$6,000	\$3,000	\$57,000
Other Facility Needs	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$100,000
Mobility Hubs (2)	\$0	\$1,550,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,550,000
SAV Mobility Hubs	\$0	\$1,275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,275,000
Traffic Signal Communications (3)	\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$225,000
Bike/Scooter Program	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Computers	\$15,450	\$15,914	\$16,391	\$16,883	\$17,389	\$17,911	\$18,448	\$19,002	\$19,572	\$20,159	\$177,117
Servers, Server Software	\$75,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$105,000
Windows and Office Upgrade	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$12,000	\$0	\$0	\$22,000
Server Operating System Upgrade	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000
Exchange Server Migration	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$30,000
VM Host upgrade	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$90,000
SAN Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$76,000	\$76,000
Atlantis Network upgrade	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Switch, router, network upgrades	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
SQL Software Upgrade	\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
Secure facility access	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Shelter upgrades (HBP)	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
SAV Street improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Bus Stop Improvements	\$425,000	\$2,000,000	\$600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$3,725,000
Total Facility Needs	\$546,450	\$5,318,914	\$1,046,391	\$131,883	\$333,389	\$130,911	\$138,448	\$226,002	\$135,572	\$209,159	\$8,217,117

SHORT RANGE TRANSIT PLAN FY 2022 - 2027

Livermore Amador Valley Transportation Authority

Vehicle Needs	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
Trapeze Upgrade	\$195,316	\$1,205,845	\$216,018	\$229,141	\$0	\$0	\$0	\$0	\$0	\$0	\$1,846,320
Total Vehicle Needs	\$195,316	\$1,205,845	\$216,018	\$229,141	\$0	\$0	\$0	\$0	\$0	\$0	\$1,846,320

Total Miscellaneous Needs	\$741,766	\$6,524,759	\$1,262,409	\$361,024	\$333,389	\$130,911	\$138,448	\$226,002	\$135,572	\$209,159	\$10,063,437
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Revenues	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
FTA	\$0	\$4,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,300,000
Other Local Funds	\$0	\$1,562,845	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,062,845
RM2	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
TDA Article 4.0	\$741,766	\$411,914	\$762,409	\$361,024	\$333,389	\$130,911	\$138,448	\$226,002	\$135,572	\$209,159	\$3,450,592
Funding Not Secured	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Capital Revenues	\$741,766	\$6,524,759	\$1,262,409	\$361,024	\$333,389	\$130,911	\$138,448	\$226,002	\$135,572	\$209,159	\$10,063,437

SHORT RANGE TRANSIT PLAN FY 2022 - 2027

Livermore Amador Valley Transportation Authority

Figure 81 Major Components Rehab Plan for SRTP Period

Engines	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
2009 Gillig BRT Coaches Engine Repower per CARB	\$157,590	\$157,590	\$162,318	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$477,498
Battery Refresh (2009 40' Fleet [8] done in conjunction with above repower)	\$185,400	\$190,962	\$196,691	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$573,053
2016 Mid-life rebuild	\$78,795	\$81,159	\$83,594	\$86,101	\$88,684	\$91,345	\$94,085	\$96,908	\$0	\$0	\$700,672
2017 Mid-life rebuild	\$0	\$81,159	\$83,594	\$86,101	\$88,684	\$91,345	\$94,085	\$96,908	\$99,815	\$0	\$721,692
2022 Mid-Life rebuild	\$0	\$0	\$0	\$0	\$0	\$0	\$61,494	\$63,339	\$65,239	\$67,196	\$257,267
Total Engines Expenses	\$421,785	\$510,870	\$526,196	\$172,203	\$177,369	\$182,690	\$249,664	\$257,154	\$165,054	\$67,196	\$2,730,181

Other Major Components	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
Transmissions - Allison	\$92,700	\$95,481	\$98,345	\$101,296	\$104,335	\$107,465	\$110,689	\$114,009	\$117,430	\$120,952	\$1,062,702
Quantity	2	2	2	2	2	2	2	2	2	2	20
Transmissions - BAE	\$51,500	\$53,045	\$54,636	\$56,275	\$57,964	\$59,703	\$61,494	\$63,339	\$65,239	\$67,196	\$590,390
Quantity	2	2	2	2	2	2	2	2	2	2	20
Batteries for Hybrids - Allison	\$92,700	\$95,481	\$98,345	\$101,296	\$104,335	\$107,465	\$110,689	\$114,009	\$117,430	\$120,952	\$1,062,702
Quantity	2	2	2	2	2	2	2	2	2	2	20
Batteries for Hybrids - BAE	\$164,800	\$169,744	\$174,836	\$180,081	\$185,484	\$191,048	\$196,780	\$202,683	\$208,764	\$215,027	\$1,889,247

SHORT RANGE TRANSIT PLAN FY 2022 - 2027

Livermore Amador Valley Transportation Authority

Other Major Components	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
Quantity	2	2	2	2	2	2	2	2	2	2	20
Engine, transmission for Service Vehicles - Cars	\$16,480	\$16,974	\$17,484	\$18,008	\$18,548	\$19,105	\$19,678	\$20,268	\$20,876	\$21,503	\$188,925
Quantity	2	2	2	2	2	2	2	2	2	2	20
Engine, transmission for Service Vehicles - Trucks	\$10,300	\$10,609	\$10,927	\$11,255	\$11,593	\$11,941	\$12,299	\$12,668	\$13,048	\$13,439	\$118,078
Quantity	1	1	1	1	1	1	1	1	1	1	10
Total Other Expenses	\$428,480	\$441,334	\$454,573	\$468,212	\$482,258	\$496,726	\$511,628	\$526,976	\$542,786	\$559,069	\$4,912,043
Total Major Components	\$850,265	\$952,204	\$980,770	\$640,415	\$659,627	\$679,416	\$761,292	\$784,131	\$707,839	\$626,265	\$7,642,224

Revenues	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	10 Year Total
FTA	\$206,000	\$212,180	\$218,545	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$636,725
SGR	\$51,500	\$53,045	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$104,545
Bridge Tolls	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TDA Article 4.0	\$592,765	\$686,979	\$762,225	\$640,415	\$659,627	\$679,416	\$761,292	\$784,131	\$707,839	\$626,265	\$6,900,954
Funding Not Secured	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Capital Revenues	\$850,265	\$952,204	\$980,770	\$640,415	\$659,627	\$679,416	\$761,292	\$784,131	\$707,839	\$626,265	\$7,642,224

RESOLUTION 22-2022

**A RESOLUTION OF THE LIVERMORE AMADOR VALLEY TRANSIT
AUTHORITY ADOPTING THE FY 2022-2027 SHORT RANGE TRANSIT PLAN**

WHEREAS, the Metropolitan Transportation Commission (MTC) requires transit operators in the nine-county region including LAVTA to complete a short range transit plan (SRTP) in compliance with MTC guidelines and financial projections; and

WHEREAS, LAVTA staff and our consultant Nelson\Nygaard have completed a short range transit plan; and

WHEREAS, the LAVTA Board must approve the plan before the plan can be finalized and provided to MTC.

NOW, THEREFORE, BE IT RESOLVED by the Board of the Livermore Amador Valley Transit Authority that the FY 2022- 2027 LAVTA SRTP is adopted and may be delivered in its final format to MTC.

PASSED AND ADOPTED this 6th day of June 2022.

Karla Brown, Chair

ATTEST:

Tamara Edwards, Interim Executive
Director

Approved as to form:

Michael Conneran, Legal Counsel

AGENDA

ITEM 5E

STAFF REPORT

SUBJECT: TAAC Appointments for Terms Starting July 2022

FROM: Kadri Külm, Paratransit Planner

DATE: June 6, 2022

Action Requested

The Projects and Services Committee forwarded the recommendation to the Board of Directors to ratify the Tri-Valley Accessible Advisory Committee (TAAC) appointments with a request that the term end dates for the members are more staggered.

Background

The Tri-Valley Accessible Advisory Committee consists of community members who are appointed to represent their respective cities and Alameda County on accessibility issues facing senior and disabled residents on Wheels fixed route and Dial-A-Ride services. The TAAC also includes individuals representing public social service agencies. The TAAC is comprised of ten (10) representatives, five (5) alternates, and one (1) Alameda CTC Paratransit Advisory and Planning Committee (PAPCO) representative. The term for three of the 15 seats will expire on June 30, 2023 while the term of the other 12 seats (including two vacancies) will expire on June 30, 2022. These individuals include:

- Connie Mack – Dublin Representative
- Donna Singer – Dublin Alternate
- Judith LaMarre – Livermore Representative
- David Weir – Livermore Representative
- Michael Balero – Livermore Alternate
- Jeffrey Jacobsen – Pleasanton Representative
- Herb Hastings – Alameda County Representative
- Kulwant Singh – Alameda County Alternate
- Diana Houghtaling – Social Services Representative
- Amy Mauldin – Social Services Representative
- Shay Roberson – Social Services Representative

There are total of 13 representative and alternate seats available for terms starting on July 1, 2022 since the Pleasanton alternate and Social Services alternate seats are currently vacant.

Discussion

At the May Project & Services Committee meeting, Chair Josey and Director Haubert inquired about the timing of the reappointments and suggested staggering the rotation of openings to help with future recruitments. Under Section 3.3 of the TAAC Bylaws, it states, “the term of appointment of each committee member and alternate shall generally be for two (2) fiscal years, unless a one (1) year term is necessary to ensure continuity of membership

and avoid all appointments expiring at the same time.” Given that 13 of the total 15 seats are up for appointments, this is an ideal time to stagger the term end dates.

LAVTA received 12 applications for the 13 open seats:

Dublin Representation – Two applications received for two open seats

- Connie Mack – Current Dublin member
- Donna Singer – Current Dublin alternate

Staff recommends that Ms. Mack continues as the Dublin representative with term expiring on June 2024 and Ms. Singer as the Dublin alternate with term expiring on June 2023.

Livermore Representation – Three applications received for three open seats

- Judith LaMarre – Current Livermore representative
- David Weir – Current Livermore representative
- Susan O’Neill – New applicant and a Dial-A-Ride rider

Staff recommends that Ms. LaMarre and Mr. Weir continue as the Livermore representatives with term expiring on June 2024 and Ms. O’Neill becomes the Livermore alternate with term expiring on June 2023.

Pleasanton Representation – One application received for two open seats

- Sue Tuite – Sue used to be a TAAC member in the past

Staff recommends that Ms. Tuite become Pleasanton representative with term expiring on June 2024. Pleasanton alternate seat will remain vacant as not enough applications were received.

Alameda County Representation – Two applications received for two open seats

- Herb Hastings – Current Alameda County member
- Kulwant Singh – Current Alameda County alternate

Staff recommends that Mr. Hastings continues as the Alameda County representative with term expiring on June 2024 and Mr. Singh as the Alameda County alternate with term expiring on June 2023.

Social Services Representation – Four applications for four open seats

- Diana Houghtaling – Current Social Services member
- Amy Mauldin – Current Social Services member
- Shay Roberson – Current Social Services member
- Zack Silva – New applicant, City of Pleasanton Recreation Supervisor

Because Ms. Houghtaling preferred serving as an alternate, staff recommends reappointing Ms. Mauldin and Ms. Roberson and appointing Mr. Silva for the Social Services representative seats with term expiring on June 2024 and appointing Ms. Houghtaling for the Social Services alternate seat with term expiring on June 2023.

With the term of the alternates being reduced to one year, 7 of the 15 seats (excluding PAPCO representative) will be up for reappointments in 2023 while the remaining 8 seats will be up for reappointments in 2024 (see Attachment 1).

Recommendation

Staff recommends the Board of Directors ratify the TAAC appointments for terms starting on July 1, 2022.

Attachments:

1. TAAC Membership Directory
2. TAAC Applications

Approved: _____

**Tri-Valley Accessible Advisory Committee (TAAC)
Membership Directory As of June 6, 2022**

Dublin Representation

<i>Committee Seat</i>	<i>Current Term Start</i>	<i>Current Term Conclusion</i>	<i>New Term Conclusion</i>
Shawn Costello	July 2021	June 2023	June 2023
Connie Mack	July 2020	June 2022	June 2024
Donna Singer (Alternate)	July 2020	June 2022	June 2023

Livermore Representation

<i>Committee Seat</i>	<i>Current Term Start</i>	<i>Current Term Conclusion</i>	<i>New Term Conclusion</i>
Judith LaMarre	July 2020	June 2022	June 2024
David Weir	July 2020	June 2022	June 2024
Susan O'Neill (Alternate)	July 2020	June 2022	June 2023

Pleasanton Representation

<i>Committee Seat</i>	<i>Current Term Start</i>	<i>Current Term Conclusion</i>	<i>New Term Conclusion</i>
Carmen Rivera-Hendrickson	July 2021	July 2023	June 2023
Sue Tuite	New	New	June 2024
VACANT (Alternate)	N/A	N/A	June 2023

Alameda County Representation

<i>Committee Seat</i>	<i>Current Term Start</i>	<i>Current Term Conclusion</i>	<i>New Term Conclusion</i>
Herb Hastings	July 2020	July 2022	June 2024
Kulwant Singh (Alternate)	July 2020	July 2022	June 2023

Social Services Representation

<i>Committee Seat</i>	<i>Current Term Start</i>	<i>Current Term Conclusion</i>	<i>New Term Conclusion</i>
Zack Silva	New	New	June 2024
Amy Mauldin	July 2020	July 2022	June 2024
Shay Roberson	July 2020	July 2022	June 2024
Diana Houghtaling (Alternate)	July 2020	July 2022	June 2023

PAPCO Representative

<i>Committee Seat</i>	<i>Current Term Start</i>	<i>Current Term Conclusion</i>	<i>New Term Conclusion</i>
Esther Waltz	N/A	NA	N/A

Livermore Amador Valley Transit Authority
Tri-Valley Accessible Advisory Committee (TAAC)

Application
Page 1 of 2

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name CONNIE MACK

Agency (if applicable) _____

Address [REDACTED]

City DUBLIN Zip 94568

Home # [REDACTED] Work # _____ Mobile # [REDACTED]

Email address: [REDACTED]

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

City of Dublin	<input checked="" type="checkbox"/>
City of Pleasanton	<input type="checkbox"/>
City of Livermore	<input type="checkbox"/>
Alameda County	<input type="checkbox"/>
Social Services Agency	<input type="checkbox"/>

You are eligible for your position because you are

A resident of the City or County and are

Elderly ☒

Disabled ☐

A Caretaker for a Disabled person ☐

Or

Employed in Social Services in the Tri Valley ☐

1. Do you or your clients use Dial-A-Ride? If yes, how often?

YES - PRE PANDEMIC - MULTIPLE TIMES
A MONTH

2. Do you or your clients use Fixed Route service? If yes, how often?

YES - PRE - PANDEMIC - MULTIPLE TIMES
A WEEK AND MONTH

3. In a single statement, why do you want to be on this committee?

HOPEFULLY - I CAN BE AN INFORMATION
LINK TO THOSE I INTERACT WITH

4. What skills and knowledge do you feel you bring to this committee?

HOPEFULLY I CAN RECEIVE TRANSPORTATION
INFORMATION FROM THE COMMITTEE
AND PASS IT ON TO MY CIRCLE.

5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?

YES I CAN ATTEND MEETINGS. MY
SCHEDULE IS VERY FLEXIBLE.

6. Please include any additional information that may assist the decision-making process.

I ENJOY WORKING WITH THIS
COMMITTEE.

END OF APPLICATION

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

RECEIVED
MAR 10 2022
Livermore Amador Valley
Transit Authority

Name DONNA L. SINGER

Agency (if applicable) _____

Address _____

City Dublin Zip 94568

Home # _____ Work # _____ Mobile # _____

Email address: _____

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

City of Dublin X

City of Pleasanton _____

City of Livermore _____

Alameda County _____

Social Services Agency _____

You are eligible for your position because you are

A resident of the City or County and are

Elderly X

Disabled X

A Caretaker for a Disabled person _____

Or

Employed in Social Services in the Tri Valley _____

1. Do you or your clients use Dial-A-Ride? If yes, how often?

I ride 2-3 times a month

2. Do you or your clients use Fixed Route service? If yes, how often?

NO

3. In a single statement, why do you want to be on this committee?

*To help disabled persons be aware
of dial a ride services.*

4. What skills and knowledge do you feel you bring to this committee?

*I have been on several Boards of
Directors. I have great organizational skills*

5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?

Yes I can attend meetings. Flexible

6. Please include any additional information that may assist the decision making process.

END OF APPLICATION

RECEIVED

APR 13 2022

Livermore Amador Valley
Transit Authority

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name Judy LaMarre

Agency (if applicable) _____

Address _____

City Livermore Zip 94550

Home # _____ Work # _____ Mobile # _____

Email address: _____

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

City of Dublin _____

City of Pleasanton _____

City of Livermore ☒ _____

Alameda County _____

Social Services Agency _____

You are eligible for your position because you are

A resident of the City or County and are

Elderly ☒ _____

Disabled ☒ _____

A Caretaker for a Disabled person _____

Or

Employed in Social Services in the Tri Valley _____

1. Do you or your clients use Dial-A-Ride? If yes, how often? *yes
once a week, when I go to church.
When it was free, I rode every day.*

2. Do you or your clients use Fixed Route service? If yes, how often? *yes,
almost every day. It is my only
transportation*

3. In a single statement, why do you want to be on this committee?

*I want to be on this committee because
I hope that I can contribute my
knowledge to help this committee to
make the best decisions possible.*

4. What skills and knowledge do you feel you bring to this committee?

*I am
a senior citizen, and I feel I have much to
offer this committee, since I ride the bus so often,
and come in contact with many ~~old~~ senior citizens.
I have been on this committee for 5 1/2 yrs - since 2016.
I have learned much from this committee, and
from riding both Dial-A-Ride and the Fixed Route ^{service}.*

5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?

*I will be able to attend the
meetings because I ~~have~~ have a
very flexible schedule.*

6. Please include any additional information that may assist the decision making process.

*In the early 1980's, I lived in
San Ramon. I remember when WHEELS first
started. I lived on the County line, so I
was able to catch the WHEELS Bus, when my
car was not working.*

END OF APPLICATION

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name David Weir

Agency (if applicable) _____

Address [REDACTED]

City Livermore Zip 94551

Home # [REDACTED] Work # [REDACTED] Mobile # [REDACTED]

Email address: [REDACTED]

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

- | | |
|------------------------|-------------------------------------|
| City of Dublin | <input type="checkbox"/> |
| City of Pleasanton | <input type="checkbox"/> |
| City of Livermore | <input checked="" type="checkbox"/> |
| Alameda County | <input type="checkbox"/> |
| Social Services Agency | <input type="checkbox"/> |

You are eligible for your position because you are

A resident of the City or County and are

Elderly ☐

Disabled ☒

A Caretaker for a Disabled person ☐

Or

Employed in Social Services in the Tri Valley ☐

1. Do you or your clients use Dial-A-Ride? If yes, how often?
no.
2. Do you or your clients use Fixed Route service? If yes, how often?
occasionally, yes
3. In a single statement, why do you want to be on this committee?
I have been on the committee for 4 years now, since becoming physically disabled due to a stroke. I enjoy serving. I believe the TAAC plays a vital role in advising on the needs and desires of the elderly and disabled of the Tri-Valley area, and LAVTA's efforts to serve them.
4. What skills and knowledge do you feel you bring to this committee?
I work for the Metropolitan Transportation Commission on the Clipper team. I believe I contribute to the TAAC the knowledge of fare payment operations and fare policy gained from my "day job" working on Clipper.
5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?
yes, I have been able to regularly attend TAAC meetings, and expect I will continue to be able to.
6. Please include any additional information that may assist the decision-making process.

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name Susan O'Neill

Agency (if applicable) _____

Address _____

City Livermore, CA Zip 94550

Home # _____ Work # _____ Mobile # _____

Email address: _____

RECEIVED

MAR 28 2022

Livermore Amador Valley
Transit Authority

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

- | | |
|------------------------|-------------------------------------|
| City of Dublin | <input type="checkbox"/> |
| City of Pleasanton | <input type="checkbox"/> |
| City of Livermore | <input checked="" type="checkbox"/> |
| Alameda County | <input type="checkbox"/> |
| Social Services Agency | <input type="checkbox"/> |

You are eligible for your position because you are

A resident of the City or County and are

Elderly ☒

Disabled ☒

A Caretaker for a Disabled person ☐

Or

Employed in Social Services in the Tri Valley ☐

1. Do you or your clients use Dial-A-Ride? If yes, how often?

Yes. I have used it for years but it depends on the places I need to go. Sometimes often, and sometimes not so often.

2. Do you or your clients use Fixed Route service? If yes, how often?

I have a few times, but the way it is set up now, it is not a very good choice for me.

3. In a single statement, why do you want to be on this committee?

I would like to offer my help in improving this transit service for those who need to use it, and to be able to share information about these services to those who need to use it.

4. What skills and knowledge do you feel you bring to this committee?

I have good communication skills, and am a retired school teacher. I also have experience using these services as an elderly and handicapped person myself.

5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?

Yes, and my schedule is mostly open.

6. Please include any additional information that may assist the decision-making process.

I already have many ideas on how to improve this service.

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name Sue Tuite

Agency (if applicable) _____

Address _____

City Pleasanton

Zip 94566

Home # _____

Work # _____

Mobile # _____

Email address _____

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

City of Dublin

☐

City of Pleasanton

☒

City of Livermore

☐

Alameda County

☐

Social Services Agency

☐

You are eligible for your position because you are

A resident of the City or County and are

Elderly

☐

Disabled

☒

A Caretaker for a Disabled person

☐

Or

Employed in Social Services in the Tri Valley

☐

RECEIVED

MAR 21 2022

Livermore Amador Valley
Transit Authority

1. Do you or your clients use Dial-A-Ride? If yes, how often?

yes I use dial-A-Ride very much

2. Do you or your clients use Fixed Route service? If yes, how often?

yes Once in a while if I need to get
Some where .

3. In a single statement, why do you want to be on this committee?

I love to be helpful with people & help
with bus stops .

4. What skills and knowledge do you feel you bring to this committee?

I have a lot of skills with things
Like bus stops & things .

5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?

yes I will be able to
attend the meetings .

6. Please include any additional information that may assist the decision-making process.

I am very outgoing & friendly & helpful

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name HERB HASTINGS

Agency (if applicable) _____

Address _____

City DUBLIN Zip 94568

Home # _____ Work # _____ Mobile # _____

Email address: _____

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

City of Dublin _____

City of Pleasanton _____

City of Livermore _____

Alameda County _____

Social Services Agency _____

~~_____~~ CURRENT

You are eligible for your position because you are

A resident of the City or County and are

Elderly _____

Disabled _____

A Caretaker for a Disabled person _____

Or

Employed in Social Services in the Tri Valley _____

RECEIVED

MAR 03 2022

Livermore Amador Valley
Transit Authority

1. Do you or your clients use Dial-A-Ride? If yes, how often?

YES
CASUAL Riding

2. Do you or your clients use Fixed Route service? If yes, how often?

YES, REGULARLY

3. In a single statement, why do you want to be on this committee?

TO ADVOCATE FOR BOTH
DISABLED AND
SENIORS IN TRI VALLEY

4. What skills and knowledge do you feel you bring to this committee?

PUBLIC TRANSIT ADVOCATE
MEMBER OF SEVERAL AGENCIES
AS BART

5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?

YES

6. Please include any additional information that may assist the decision making process.

MEMBER OF
PAPCO, BART, IWL

END OF APPLICATION

ADVISORY

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name Kulwant Singh

Agency (if applicable) _____

Address [REDACTED]

City Dublin Zip 94568

Home # [REDACTED] Work # _____ Mobile # _____

Email address: [REDACTED]

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

- | | |
|------------------------|-------------------------------------|
| City of Dublin | <input checked="" type="checkbox"/> |
| City of Pleasanton | <input type="checkbox"/> |
| City of Livermore | <input type="checkbox"/> |
| Alameda County | <input checked="" type="checkbox"/> |
| Social Services Agency | <input type="checkbox"/> |

You are eligible for your position because you are

A resident of the City or County and are

- | | |
|----------|-------------------------------------|
| Elderly | <input checked="" type="checkbox"/> |
| Disabled | <input type="checkbox"/> |

A Caretaker for a Disabled person ☐

Or

Employed in Social Services in the Tri Valley ☐

1. Do you or your clients use Dial-A-Ride? If yes, how often?
No
2. Do you or your clients use Fixed Route service? If yes, how often?
While working for State, I used BART both ways to go & come from Office.
3. In a single statement, why do you want to be on this committee?
To help TAAC to provide more better service to City residents. By providing better services, hope to reduce car-travel, reduce congestion on the roads and reduce carbon foot prints.
4. What skills and knowledge do you feel you bring to this committee?
 1. Past Member Alameda County Grand Jury
 2. 5 years as Commissioner in Alameda County Library Fremont
 3. 5 years as Judge in Alameda County Science & Engineering fair
 4. Working as Volunteer in Alameda county Superior court, Dublin Office
 5. President of Home Owners Association for last 7 years
5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?
Being retired, I can attend meetings anytime, but with notice.
6. Please include any additional information that may assist the decision-making process.
Have a good experience in looking at projects and analysing them.

RECEIVED

APR 18 2022

Livermore Amador Valley
Transit Authority

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name Diana Houghtaling

Agency (if applicable) Senior Support of the Tri Valley

Address [REDACTED]

City Pleasanton Zip 94566

Home # [REDACTED] Work # [REDACTED] Mobile # [REDACTED]

Email address: [REDACTED]

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

- | | |
|------------------------|-------------------------------------|
| City of Dublin | <input type="checkbox"/> |
| City of Pleasanton | <input type="checkbox"/> |
| City of Livermore | <input type="checkbox"/> |
| Alameda County | <input type="checkbox"/> |
| Social Services Agency | <input checked="" type="checkbox"/> |

You are eligible for your position because you are

A resident of the City or County and are

Elderly ☒

Disabled ☐

A Caretaker for a Disabled person ☐

Or

Employed in Social Services in the Tri Valley ☒

1. Do you or your clients use Dial-A-Ride? If yes, how often?
Yes, however I do not know how often.

2. Do you or your clients use Fixed Route service? If yes, how often?
Yes, however I do not know how often.

3. In a single statement, why do you want to be on this committee?
I feel it will help our clientell to understand the transportation system throughout the Tri-valley

4. What skills and knowledge do you feel you bring to this committee?
Understanding how difficult it can be getting to and from various locations.

5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?
Somewhat

6. Please include any additional information that may assist the decision-making process.

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name Amy Mauldin

Agency (if applicable) RCEB

Address [REDACTED]

City San Leandro Zip 94577

Home # [REDACTED] Work # [REDACTED] Mobile # [REDACTED]

Email address: [REDACTED]

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

- | | |
|------------------------|-------------------------------------|
| City of Dublin | <input type="checkbox"/> |
| City of Pleasanton | <input type="checkbox"/> |
| City of Livermore | <input type="checkbox"/> |
| Alameda County | <input type="checkbox"/> |
| Social Services Agency | <input checked="" type="checkbox"/> |

You are eligible for your position because you are

A resident of the City or County and are

Elderly ☐

Disabled ☐

A Caretaker for a Disabled person ☐

Or

Employed in Social Services in the Tri Valley ☒

1. Do you or your clients use Dial-A-Ride? If yes, how often?

Yes I have transitional clients who use Dial a Ride services. Since they are in the school district it's not as often as adults out of the school district. I do give information to my clients as I do have them up to age 22.

2. Do you or your clients use Fixed Route service? If yes, how often?

Some may use the fixed route service when traveling with their special day classes

3. In a single statement, why do you want to be on this committee?

I was a travel trainer in the past and joined the board 9 years ago, and have been working in social services with the disabled community for over 10 years.

4. What skills and knowledge do you feel you bring to this committee?

I have knowledge working within the disabled community and many RCEB clients use public transportation and dial a ride service.

5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?

Yes I've been able to.

6. Please include any additional information that may assist the decision-making process.

I've been attending meetings TAAC meetings for 9 years, and the board is familiar with me.

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name L. Shay Roberson

Agency (if applicable) CRIL

Address [REDACTED]

City Livermore Zip 94550

Home # [REDACTED] Work # [REDACTED] Mobile # [REDACTED]

Email address: [REDACTED]

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

- | | |
|------------------------|-------------------------------------|
| City of Dublin | <input type="checkbox"/> |
| City of Pleasanton | <input type="checkbox"/> |
| City of Livermore | <input checked="" type="checkbox"/> |
| Alameda County | <input type="checkbox"/> |
| Social Services Agency | <input checked="" type="checkbox"/> |

You are eligible for your position because you are

A resident of the City or County and are

Elderly ☐

Disabled ☒

A Caretaker for a Disabled person ☐

Or

Employed in Social Services in the Tri Valley ☒

1. Do you or your clients use Dial-A-Ride? If yes, how often?

Yes. I use this service about 2-3 times per week, and more often during the rainy season. I am wheelchair dependent.

Our Consumers use this service as well. The most frequent users are seniors or those dependent on mobility devices.

2. Do you or your clients use Fixed Route service? If yes, how often?

Yes, I use Fixed Route. I use it when servicing the disability and senior communities. For me, whenever it's not raining, I use Fixed Route service. It is my mode of transportation to and from work. Quite a few of our Consumers use it as well.

3. In a single statement, why do you want to be on this committee?

I would be an asset to this committee because I have first-hand knowledge of the transportation system. I am able am motivated and skilled at transferring this knowledge to my community. My goal is to help the disabled community find and/or further their independence.

4. What skills and knowledge do you feel you bring to this committee?

I have lived in the Bay Area my entire life, and for over twenty years, I have successfully navigated this region by using public transportation. My knowledge of Fixed Route service is vast, and as someone who is disabled, I am able to pass that knowledge on easily. I am skilled in problem solving, especially when situations call for an immediate solution.

5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?

My schedule is very flexible. My supervisor is very supportive of my pursuit to become part of this committee, so he has assured me that I can take time and add it to my schedule to attend meetings during regular business hours.

6. Please include any additional information that may assist the decision-making process.

I have been attaining knowledge about public transportation for more than half of my life. I would love the opportunity to use my knowledge, experience, and problem solving skills to improve local transportation for the disabled and elderly. My supervisor, Michael Galvan has served on this committee for several years, and with his knowledge of the goals of this committee, he has chosen me as the best representative for CRIL.

APPLICATION FOR TAAC MEMBERSHIP

GENERAL INFORMATION

Name Zack Silva

Agency (if applicable) City of Pleasanton

Address [REDACTED]

City Pleasanton Zip 94566

Home # [REDACTED] Work # [REDACTED] Mobile # [REDACTED]

Email address: [REDACTED]

Which of the following open positions are you applying for?
(May check more than one, if applicable.)

City of Dublin	<input type="checkbox"/>
City of Pleasanton	<input type="checkbox"/>
City of Livermore	<input type="checkbox"/>
Alameda County	<input type="checkbox"/>
Social Services Agency	<input checked="" type="checkbox"/>

You are eligible for your position because you are

A resident of the City or County and are

Elderly ☐

Disabled ☐

A Caretaker for a Disabled person ☐

Or

Employed in Social Services in the Tri Valley ☒

1. Do you or your clients use Dial-A-Ride? If yes, how often?
Yes, weekly.

2. Do you or your clients use Fixed Route service? If yes, how often?
No.

3. In a single statement, why do you want to be on this committee?
As a City of Pleasanton staff involved in the Pleasanton Rides program, this is an opportunity to understand and assist with other transportation options for local riders.

4. What skills and knowledge do you feel you bring to this committee?
Supervising the Pleasanton Senior Center puts me in a place to connect riders with TAAC and provide information and resources for riders and TAAC.

5. Will you be able to attend meetings during regular business hours? How flexible is your schedule?
Yes, schedule is flexible to attend regularly.

6. Please include any additional information that may assist the decision-making process.

AGENDA

ITEM 5F

STAFF REPORT

SUBJECT: Exercise the Second Option Year of the Contract with MV Transportation

FROM: Toan Tran, Director of Operations and Innovation

DATE: June 6, 2022

Action Requested

Exercise the second option year with MV Transportation, Inc (MV) for the fixed route operations and maintenance services contract through FY2023.

Background

In 2018, the Board of Directors awarded a contract to MV to provide fixed route operations and maintenance services for LAVTA. The agreement was awarded for a base term of July 1, 2018 to June 30, 2021 with the right to extend the agreement for four one-year periods, of which the first option year was exercised.

Discussion

MV has continued to provide quality fixed route operations and maintenance services since being awarded a new contract in 2018. During that time MV has partnered with LAVTA staff to improve service and ridership as well as driver retention, especially during the COVID-19 pandemic and service reductions. Most recently MV and LAVTA worked to revise and increase the wages of operations staff to be more locally competitive in the effort to recruit and retain drivers and with the understanding that these changes would be reflected through any future option years exercised under the existing contract.

Recommendation

The Finance and Administration Committee recommends to the Board of Directors to approve Modification 3 to contract with MV, authorizing the Interim Executive Director to exercise the second option year and extend the fixed route operations and maintenance services contract from July 1, 2022 through June 30, 2023.

Attachment

1. Modification 3 to Agreement with MV Transportation, Inc.

Approved: _____

**MODIFICATION NO. 3
TO AGREEMENT BETWEEN LIVERMORE AMADOR VALLEY TRANSIT
AUTHORITY AND MV TRANSPORTATION, INC.**

THIS MODIFICATION to the Agreement is made and entered into on July 1, 2022 by and between the LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY, a joint exercise of powers agency established pursuant to California law, hereinafter referred to as "LAVTA," and MV Transportation, Inc., a California corporation, hereinafter referred to as "Contractor."

WITNESSETH

WHEREAS, on May 3, 2018, LAVTA and the Contractor entered into that certain Agreement for the management and operation of LAVTA's transit operations;

NOW THEREFORE, the parties hereto do agree as follows:

- Commencing July 1, 2022 through June 30, 2023 (FY 2022-23) LAVTA agrees to pay the Contractor for performance of the service set forth in this Agreement as follows:

Due to the Contractor wage increases authorized by the Board of Directors of the Livermore Amador Valley Transit Authority in Modification No. 2, LAVTA agrees to pay Contractor for total hours (revenue and deadhead) according to the following revised variable cost per hour and monthly fixed cost, based the corresponding service level:

**Budget Proposal
Option Year 2 FY22/23**

	60% service level	70% service level	80% service level	90% service level	Base Year 100% service level	110% service level	120% service level	130% service level	140% service level
A Total Hours	82,097	95,780	109,463	123,146	136,829	150,512	164,195	177,878	191,561
B Cost Per Hour	\$ 60.49	\$ 59.86	\$ 57.99	\$ 56.51	\$ 55.44	\$ 54.44	\$ 53.60	\$ 52.90	\$ 52.38
C Subtotal Annual Hourly cost AXB	\$4,966,478	\$5,733,669	\$6,348,180	\$6,958,848	\$7,585,939	\$8,193,261	\$8,801,471	\$9,410,357	\$10,033,150
D Subtotal Annual Fixed Cost	3,570,006	3,655,399	3,829,719	4,124,631	\$4,282,772	148,386	141,999	132,219	123,696
E Subtotal Monthly Fixed	297,501	304,617	319,143	343,719	356,898	12,365	11,833	11,018	10,308
F Grand Total Costs C plus D	8,536,484	9,389,068	10,177,899	11,083,480	11,868,711	8,341,647	8,943,470	9,542,576	10,156,846

*Annual escalator included

The rates outlined above cover all of Contractor's costs expenses for providing service including at LAVTA's Atlantis Fuel and Wash facility located at 875 Atlantis Court, Livermore CA.

WITNESS WHEREOF, the parties hereto have caused this Modification to the Agreement to be executed by and through their respective officers on the day written below.

BY LAVTA this _____ day of June, 2022.

BY CONTRACTOR this _____ day of June, 2022.

MV TRANSPORTATION, INC.:

LAVTA:

By: _____
Marie Gaul, EVP and Chief Financial Officer

By: _____
Tamara Edwards, Interim Executive Director

APPROVED AS TO FORM:

By: _____
LAVTA Legal Counsel

AGENDA

ITEM 5G

STAFF REPORT

SUBJECT: Contract Award for LAVTA On-Call ZEB Consulting Services

FROM: Toan Tran, Director of Operations and Innovation

DATE: June 6, 2022

Action Requested

The Projects & Services Committee recommends that the Board of Directors award contracts for on-call zero-emission bus (ZEB) services to Center for Transportation and the Environment (CTE) and Zen Clean Energy Solutions (Zen).

Background

With the approval of the ZEB Rollout Plan at the April 2022 board meeting, LAVTA is moving towards a fleet of fuel cell electric buses (FCEB). LAVTA does not have personnel on staff with the expertise in the areas associated with these types of projects. Since 2016, LAVTA has utilized an On-Call ZEB Consulting Agreement with CTE, in order to more efficiently use staff resources and speed up project timelines as needs arise. With the existing five-year agreements expiring at the end of 2021, LAVTA released a request for proposals (RFP) for on-call ZEB consulting services. RFP #2022-05 solicited interested firms that could provide a range of services including:

- Grant writing
- Technical Support
- Project Support & Oversight

The initial term of the on-call contract(s) is three years, with two additional one-year options available to exercise at LAVTA's sole discretion.

The RFP was released on March 18, 2022, and proposals were due on April 18, 2022, at 2:00 p.m. The solicitation was conducted electronically via the Bid Express service, enabling a broad reach to prospective proposers, and also advertised in the Valley Times on March 23 and March 28. A virtual pre-proposal conference with 23 participants was held April 1, and one addendum was issued on April 11, responding to questions received. LAVTA received four (4) proposals from the following firms:

- Center for Transportation and the Environment, Atlanta, GA
- Lockwood, Andrews & Newman, San Jose, CA
- Parsons, Oakland, CA
- Zen Clean Energy Solutions, Vancouver, BC

Discussion

Initial Technical Evaluation

In order to select a qualified firm for on-call ZEB consulting services, proposals were rated in four categories and assigned points (100% total) as noted below.

Evaluation Criteria - % Weight (100% Best)	Scoring
Complete and thorough conformance with the terms and requirements of this RFP	Pass/Fail
Proposer's qualifications and experience: Firm's ability to provide zero-emission bus consulting and support services in accordance with the RFP requirements.	30 points
Staffing and Project Organization: Strengths, experience and qualifications of key personnel, particularly the Project Manager. Previous public transportation experience including on-call contract work.	30 points
Work Approach to Scope of Services: Firm's approach to quality control, project management and product delivery.	20 points
Cost and Price Analysis based on Proposer's Cost Proposal	20 points
Total Points	100 points

The evaluation committee consisted of both LAVTA staff as well as AC Transit staff familiar with the range of projects LAVTA will undertake. The committee reviewed the technical proposals to determine the relative strengths of each firm. All firms provided an excellent range of services and staff in their proposals. Following evaluation of the written proposals and interviews, the reviewers indicated overall consensus that LAVTA would be best served by two companies, whose technical proposals were scored overall as follows:

Firm	Total Points (Avg/ 100 points max)
CTE	91
Zen	80

All two proposers were deemed both responsive and responsible, capable of carrying out the contracts. CTE has extensive experience with the agency's goals, needs, and LAVTA staff, as well as, key stakeholders at each city and in the community. Zen proposed a very strong management team that has a broad range of relevant experience to LAVTA's needs, including FCEB and fueling station projects.

Detailed Technical Evaluation

After analyzing the qualifications of the top two qualified firms overall, the evaluation committee evaluated the firms with respect to each discipline listed in the RFP, in order to determine whether it might be more advantageous for LAVTA to award a single contract or multiple contracts to meet its potential variety of needs during the contract term. After ranking each firm's proposal within each discipline, the following firms were deemed most qualified in each.

Discipline	Most Qualified Firm
Grant Writing	CTE
Technical Support	Zen
Project Support & Oversight	CTE

Firms will receive task-order requests associated with the discipline for which they scored highest. If the highest-scoring firm cannot complete the assigned task order or their work plan is deemed inadequate, LAVTA will use the second-highest scoring firm.

Evaluation of Cost Proposals

Following ranking of the technical proposals for each firm and determining that all were most-qualified in at least one discipline to perform some part of the project scope needed, LAVTA staff evaluated each firm's cost proposals and determined the costs associated with the firms' proposals were fair and reasonable. Future task orders will be issued on either a firm-fixed-price or cost-plus-fixed-fee with ceiling compensation basis, depending on the needs and circumstances of the project.

Fiscal Impact

There is no fiscal impact outside the Board-adopted budget. The contract does not stipulate a value amount, as the work is task-order-based, subject to Board-approved funding contained in the annual budget. Proposers were informed that there is no guarantee of work associated with this contract.

Recommendation

The Project and Services Committee recommends that the LAVTA Board of Director authorize the Interim Executive Director to execute three-year contracts with two one-year options with CTE and Zen for on-call ZEB consulting services. Task orders will be awarded based on the most-qualified firm for each scope or work.

Attachment:

1. Resolution 23-2022

Approved: _____

RESOLUTION 23-2022

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
AWARDING ON-CALL ZEB CONSULTING SERVICES CONTRACTS**

WHEREAS, LAVTA requires the services of qualified firms to provide on-call zero-emission bus (ZEB) services on an as-needed basis; and

WHEREAS, the agency issued Request for Proposals (RFP) for On-Call Engineering Consulting Services RFP 2022-05; and

WHEREAS, LAVTA utilized the “Best Value” method for procurement, in conformance with applicable procurement guidelines, and the evaluation committee determined Center for Transportation and the Environment (CTE) and Zen Clean Energy Solutions (Zen) as the most responsive and responsible proposers; and

WHEREAS, LAVTA intends to enter into contracts with CTE and Zen to provide a range of ZEB consulting services related to grant application, technical support, and project support & oversight among other tasks requested in the RFP; and

WHEREAS, work shall be issued on a task order basis to the most-qualified firm as outlined in the On-Call ZEB Consultant staff report dated June 6, 2022, and the consultants shall complete the services within the time frame and budget specified in each task order; and

WHEREAS, funds for these contracts shall be within the annual Budget authority adopted by the Board of Directors;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Livermore Amador Valley Transit Authority that the LAVTA Board authorizes the Interim Executive Director to enter contracts with CTE and Zen for on-call ZEB consulting services, for three years from the effective date of the contract, in a form approved by Legal Counsel; and

BE IT FURTHER RESOLVED that the Board authorizes the Executive Director to execute two optional extension years exercisable at LAVTA’s sole discretion for on-call engineering services.

PASSED AND ADOPTED this 6th day of June 2022.

Karla Brown, Chair

Attest:

Tamara Edwards, Interim Executive
Director

AGENDA

ITEM 5H

STAFF REPORT

SUBJECT: LAVTA Rutan Landscaping Construction Project

FROM: Tamara Edwards, Director of Finance

DATE: June 6, 2022

Action Requested

The Finance and Administration Committee recommends that the Board of Directors approve Resolution 26-2022, authorizing the Interim Executive Director to execute a change order with Westside Landscape and Concrete, Inc. for the Rutan Landscaping Construction project.

Background

In April the Board of Directors issued an award on IFB 2021-08 LAVTA Rutan Landscaping construction project for the amount of \$247,151 which included a contingency of 15%. In the bid documents a number of items were called out as “as needed”. These were items that we had no way of knowing if they were needed, or what the quantities would be until the project began. These items included the quantity of soil that would need to be imported, underground irrigation repairs, irrigation mainline repairs or replacement, the irrigation backflow (which it turns out needs a complete replacement) and control valve wire. Additionally, there were two sections added to the project that involved additional demolition, soil improvements, and additional replacement plants. The first area added involved large shrubs that provided a barrier between the outdoor break area and the street. The desire was to keep these shrubs however, between the time the plans were drawn by the architect and work began the shrubs had continued to deteriorate, and it was decided to remove them and replace them with healthier shrubs, that will continue to provide a “privacy barrier”. The second area was left off of the plans because the architect believed that portion of the land did not belong to LAVTA, however, further research shows that it does and thus should match the rest of the landscaping. Now that these items and amounts are known, and the need for additional work was discovered the contingency that was approved will not cover them. Staff is requesting an additional \$95,048 to cover these additional items.

Discussion

The original project budget was \$247,151, the new project budget would be \$342,199, which includes a 5% contingency on the change order this amount is only \$12,210 more than the next lowest bid which also did not include this additional work. This new amount includes all areas that were named as possible “as needed” items and now encompasses all removal and replacement of all unhealthy shrubs on the property.

Recommendation

The Finance and Administration Committee recommends that the Board of Directors approve Resolution 26-2022, authorizing the Interim Executive Director to execute a change order with Westside Landscape and Concrete, Inc. for the Rutan Landscaping Construction project.

Attachments

1. Resolution 26-2022
2. Westside Landscape and Concrete proposal

Submitted: _____

RESOLUTION NO. 26-2022

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
AWARDING THE CONTRACT FOR THE RUTAN LANDSCAPING
CONSTRUCTION PROJECT TO WESTSIDE LANDSCAPING AND
CONCRETE, INC.**

WHEREAS, the Livermore Amador Valley Transit Authority (LAVTA) requires the services of a third-party contractor to perform construction services necessary to carry out the Rutan Landscaping Construction Project as described in LAVTA Invitation for Bids (IFB) #2021-08; and

WHEREAS, the IFB was awarded to Westside Landscape and Concrete, Inc. was determined to be the lowest responsive and responsible bidder based on their submitted bid in the amount of \$214,914.00; and

WHEREAS, the IFB was awarded to Westside Landscape and Concrete, Inc. was determined to be the lowest responsive and responsible bidder based on their submitted bid in the amount of \$214,914.00; and

WHEREAS, the IFB called out six items that involved unknown quantities and need, to be costed at a later date and contracted through a change order; and

WHEREAS, once the work was started additional demolition, and replacement work was identified; and

WHEREAS, the Board approved a contingency amount of \$32,237.00, however the cost for the additional work is above that amount; and

WHEREAS, staff recommends that the Board of Directors approve the change order for the additional six items, and the additional demolition and replacement items, in the amount of \$121,223.75, plus an additional 5% contingency of \$6,061.00;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors hereby approves change order number one for the contract for the Rutan Landscaping Project with Westside Landscape and Concrete, Inc., in the not-to-exceed amount of \$121,223.75; and

BE IT FURTHER RESOLVED that the Interim Executive Director is authorized to execute a change order with Westside Landscape and Concrete, Inc., in a form approved by LAVTA's Legal Counsel; and

BE IT FURTHER RESOLVED that the Board of Directors authorizes the Interim Executive Director to expend a 5% contingency amount not to exceed \$6,061.00 for a total contract amount not to exceed \$342,199.00

PASSED AND ADOPTED this 6th day of June 2022.

Karla Brown, Chair

ATTEST:

Tamara Edwards, Interim Executive Director

APPROVED AS TO FORM:

Michael Conneran, Legal Counsel



CSLB License No. 825160

Proposal & Acceptance Form

Owner Information

Name LAVTA/Tamara Edwards

Address 1362 Rutan Ct

City, State ZIP Livermore, CA 94551

Phone (209) 914-7119

Email tedwards@lavta.org

Project name & Address

Extra Work at LAVTA
(Extra Shrub Removal not on plans , Extra Shrub removal and Valve 28 install at Firelane not on plans , Soil Import, Tree Protection, Irrigation Maintenance, Mainline 20' with Trenching and Backfill, Irrigation Backflow, and Control Valve Wire

Contractor Information

Company Westside Landscape & Concrete, Inc.

Name Jaime Alvarado

Address 27107 State Highway 33

City, State ZIP Newman, CA 95360

Phone (209) 427-5778

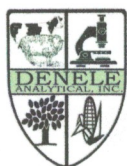
Fax (209) 862-3608

Email jalvarado@westsidelandscape.net

Scope of Work

We hereby submit specifications and estimates for: **Extra Work at LAVTA** for the following scope of work: from Drawings L1-L11

1. Mobilization/Site Visits/Meetings with Tamara/Scope of Work Layout
2. Tree Protection for all Tress on site prior to Demolition (3 stakes per tree 15 LF of Orange Mesh Netting)
Approved and Installed on 5/2/2022
3. Remove all Deep Rooted Shrubs with included Green waste Hauling that were not originally scheduled for removal. (Break Area and Firelane)
Approved on 5/3/2022.
4. Ground Preperation and Soil Amendments needed in future planting area including pre emergent to ensure vigorous growth Based off my **Denele Analytical, Inc.** Soil Analysis Which I will provide a copy with this Proposal, and the Soil Amendment mixture call out on page **L6 (Recommendations for Mass Planting)** We could not bid this until soil analysis was complete. **Line item 1 on "B-3 Bid Form "Attachment 1" in Bid Package.**
5. Replacement Plants & or Trees (Project Director Tamara Edwards to Determine Variety with Westside Landscape & Concrete, Inc. at planting time. **This accounts for both areas we took out additional shrubs not scheduled for removal (Break area, and Firelane)**
6. Plant Establishment **90 days**
7. Zebco 2" Back Flow Installed with Concrete Pad, Thermal Blanket, and Security Cage. **Approved based off of Failed Backflow Test Performed in April 2022 (Copy of Back Flow Report will be attached with this proposal)**



Denele Analytical, Inc.

Agricultural and Environmental Analysis

Soil Analysis

Certified By:

ELAP Certificate No. 2714

Manure Analysis Proficiency (MAP)

North American Proficiency Testing (NAPT)

National Forage Testing Association (NFTA)

Family Farms Alliance (FFA)

Date Received: 5/3/2022

Submitted By: Armando Garcia

Lab ID: T2123036A

Sample ID: LAVTA #1

Crop: Garden

Variety:

Present Yield:

Proposed Yield: 9 Ton(s)/acre

PCA:

Purchase Order:

Report Date: 5/6/2022

Approved By: Luis Alvarez

Order Number: T2123036

Grower:

Westside Landscape
27107 State Highway
Newman, CA 95360

Analyte	Result	Units	Optimal	Very Low	Low	Normal	High	Very High
pH (Water)	7.8	Units	6.45					
pH (Soil)	6.9	Units	6.45					
Electrical Conductivity	2.38	mmhos/cm	1.15					
Soluble Salts	1520	mg/L	736					
Nitrate Nitrogen	2.00	ppm	27.5					
Phosphorus (Olsen Method)	24.0	ppm	26					
MicroNutrients								
Boron	0.877	ppm	0.6					
Zinc	1.66	ppm	12.5					
Iron	7.34	ppm	60					
Copper	1.66	ppm	8.5					
Manganese	16.5	ppm	22					
Sulfate	125	ppm	38.5					

Exchangeable Cations		Base Saturation Acetate Extraction			Water Extraction		
	Result	Your %	Optimal %	Low	Normal	High	Extraction Ratio
Potassium	624 ppm	5.6 %	3 - 7				10.21 %
Calcium	3410 ppm	59.1 %	64 - 78				5.6 %
Magnesium	1100 ppm	31.9 %	12 - 20				10.61 %
Sodium	221 ppm	3.4 %	< 3				64.28 %

Plant Nutrient Recommendations

Nitrogen	112 Lbs/Acre	Sulfur *	
Phosphorus		Boron	
Potassium		Zinc	3.4 Lbs/Acre
Copper		Manganese	

* If fertilizer recommendation exceeds 600 lbs (0.3 tons), multiple applications recommended
Note: All Results are on a Dry Basis
To convert ppm to lbs / acre (6 in. of surface soil weighing 2,000,000 lbs.), multiply by 2

Total Nitrogen	ESP	SAR	C:N	Ca:Mg
Bray Phosphorus	3.4	2		3.1
Ammonia Nitrogen		CEC	28.4 meq/100g	
Free Lime		Carbonates	None	
Nitrogen Holding Capacity	273.9 Lbs/Acre	Percolation	High	

Denele Integrated Ratios	Sodium	NO3	Potassium	Phosphorus
	37	-146.5	37.8	23.1
Boron	Zinc	Iron	Copper	Manganese
46.8	-74.8	-82.4	-46.2	14.3
Sulfate				
119.1				

Soil Amendment Recommendations

Gypsum (18%) Calcium Supplement	
Gypsum (18%) Sodium Reduction	0.2 Tons/Acre

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4. Research has shown that optimum yields are obtained with nitrogen split into 2 to 4 applications. Recommended nitrogen is based on 90% efficiency of application. Highest losses of nitrogen occur with winter applications. Early spring to late summer is the optimum time to apply nitrogen.

If QC is required for this sample, please contact lab.

Liability Limits: The warranty of Denele Analytical is limited to the accuracy of the analyses of the samples as received. Denele Analytical assumes no responsibility for which the customer uses our test results, nor liability for any other warranties, expressed or implied. These terms and conditions shall supercede any conflicting terms and conditions submitted on customer purchase orders or other forms submitted for work.

Turlock, CA
Ph: (209) 634-9055

Woodland, CA
Ph: (530) 666-9056

www.denelelabs.com
Fax: (209) 634-9057

Backflow Prevention Assembly Test Report



Service Address

CT1675112

Location: 1338 RUTAN CT. / IRRIGATION

Verify Assembly Information, Note Any Corrections

LAVTA
1338 Rutan Ct
Livermore, CA 94551-7318

Serial #: AA6935

Manufacturer: FEBCO

Model: 825Y

Type: RP

Size: 2

Orientation: H

Protection: Service

(Service, Internal)

Mailing Address

LAVTA
1362 RUTAN CT. #100
Livermore, CA N/A

Asset ID: 1002729

Meter #: 62119245

Mailing Phone:

SPID: 7629655713

Test Due No Later Than 6/15/2022	Existing New <input checked="" type="checkbox"/>	Removed Replaced <input type="checkbox"/>	Commercial Industrial <input checked="" type="checkbox"/>	Residential <input type="checkbox"/>	Construction <input type="checkbox"/>	Domestic <input type="checkbox"/>	Irrigation <input checked="" type="checkbox"/>	Fire <input type="checkbox"/>
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ATTENTION Refer To Cover Letter For Certification Requirements	Reduced Pressure Principle Assembly			Air Gap Required Separation Yes <input type="checkbox"/> No <input type="checkbox"/>	
	Double Check Valve Assembly			PVB/SVB	PVB/SVB/TYPE 2
	Check Valve #1	Check Valve #2	Relief Valve	Air Inlet	Check Valve
INITIAL TEST Line Pressure 75 PSI Meter Read 15712.70 Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	Leaked <input type="checkbox"/> Closed Tight <input checked="" type="checkbox"/> Held at 7.8 PSID	Leaked <input type="checkbox"/> Closed Tight <input checked="" type="checkbox"/> Held at _____ PSID	Did Not Open <input type="checkbox"/> Opened at 2.8 PSID	Did Not Open <input type="checkbox"/> Opened at _____ PSID Observed Fully Open <input type="checkbox"/>	Leaked <input type="checkbox"/> Held at _____ PSID

****NOTIFY UTILITY IF FAILED ASSEMBLIES CANNOT BE REPAIRED WITHIN 3 DAYS- CALL PRIOR TO REPAIRING A PVB/SVB OR NON-FIRE DC****

REPAIRS Date _____ Time _____ Repaired By: _____	Cleaned <input type="checkbox"/> Repaired <input type="checkbox"/> Parts Replaced: _____	Cleaned <input type="checkbox"/> Repaired <input type="checkbox"/> Parts Replaced: _____	Cleaned <input type="checkbox"/> Repaired <input type="checkbox"/> Parts Replaced: _____	Cleaned <input type="checkbox"/> Repaired <input type="checkbox"/> Parts Replaced: _____	Cleaned <input type="checkbox"/> Repaired <input type="checkbox"/> Parts Replaced: _____
	FINAL TEST				
	Line Pressure _____ Water Read _____ Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Leaked <input type="checkbox"/> Closed Tight <input type="checkbox"/> Held at _____ PSID	Leaked <input type="checkbox"/> Closed Tight <input type="checkbox"/> Held at _____ PSID	Did Not Open <input type="checkbox"/> Opened at _____ PSID	Did Not Open <input type="checkbox"/> Opened at _____ PSID Observed Fully Open <input type="checkbox"/>

Initial Tester: Renny Woods
Test Kit Serial No: 01221240
Date: 4/21/22
Signature: [Signature]

INITIAL TEST
Tester Certification No. 18125
Calibration Date 3/7/22
Time 8:10 AM
Phone (925) 967-1814

Proper Installation	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
RV Exercised Before Test	<input type="checkbox"/>	<input checked="" type="checkbox"/>
S.O.V. Closed On Arrival	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Service Restored	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I certify all information on this report is true and accurate, acknowledging incomplete reports will not be accepted.

FINAL TEST Final Tester: _____ Test Kit Serial No: _____ Date: _____ Signature: _____	FINAL TEST *Tester Certification No. _____ *Calibration Date _____ Time _____ *Phone _____
--	---

S.O.V. Closed On Arrival	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Service Restored	<input type="checkbox"/>	<input type="checkbox"/>

I certify all information on this report is true and accurate, acknowledging incomplete reports will not be accepted.

Comments:

END



Return Completed
Test Report To:

CALIFORNIA WATER SERVICE
1505 E Sonoma Street Stockton CA 95205
livermorebackflow@calwater.com (209) 547-7913

006290-003-003-011009-111111 629F320E PAW

AGENDA

ITEM 5I

STAFF REPORT

SUBJECT: LAVTA Annual Salary Band Review

FROM: Tamara Edwards, Director of Finance

DATE: June 6, 2022

Action Requested

Approve the proposed Resolution 25-2022 resulting from the annual review of the LAVTA organization and of salary bands as required by the LAVTA Human Resources Policy.

Background

LAVTA's Human Resources Policy states that "As part of the annual budget approval process, salary ranges will be established in accordance with procedures in the Human Resources Manual, which includes adherence to the Executive Director Compensation Policy and an annual salary survey for all established positions within the Authority." LAVTA also reviews the organization for any changes that have occurred over the last fiscal year or that are recommended to the Board for the next fiscal year. Last year, LAVTA's Board approved an adjustment to the salary bands for FY2022 based on the update to the salary survey conducted by a third-party contractor.

Discussion

The Board of Directors approved a budget for Fiscal Year 2023 on May 2, 2022. That budget included a position of Senior Capital Projects Specialist which has been open for the last year. As part of the compensation study staff would like to move this position from salary band 4 to salary band 5.

Organization Chart

The FY2023 budget forecast includes the positions as reflected in the attached organization chart.

Salary Bands

A thorough compensation study conducted by the third-party contractor was completed in 2014, with an update to the survey, including any adjustments subsequent to the study, was completed each year since. The first four updates were made based on 11 comparator transit agencies. Beginning in the 2019 study staff asked that one of the comparator agencies, Foothill Transit be eliminated from comparison based on Board Discussion.

Based on the update this year, there is no indication that salaries in the transit agency labor market have fluctuated enough to warrant more than a CPI-based increase in the salary bands (Table A. San Francisco-Oakland-Hayward, CA CPI-U bi-monthly and annual percent changes).

Therefore, staff recommends a 5% CPI increase in the salary bands in order to ensure that the bands stay competitive in the labor market. The changes are summarized below.

Please note: Changes to the Salary Bands do not affect individual salaries which are increased based solely on performance and in accordance with the adopted budget.

Table of Proposed Monthly Salary Range Changes

Band	Current FY2022 Monthly Salary Range		Proposed FY2023 Monthly Salary Range	
1	\$3,882	\$5,436	\$4,076	\$5,708
2	\$4,801	\$6,795	\$5,041	\$7,135
3	\$5,826	\$8,156	\$6,117	\$8,564
4	\$6,990	\$9,786	\$7,340	\$10,275
5	\$8,387	\$11,743	\$8,806	\$12,330
6	\$10,067	\$14,090	\$10,517	\$14,795

Proposed Salary Band Ranges

Monthly Salary Ranges

Band 1 **\$4,076 - \$5,708**

Customer Service Representative

Band 2 **\$5,041 - \$7,135**

Executive Assistant

Customer Service Supervisor

Band 3 **\$6,117 - \$8,564**

Accounting Analyst

Marketing and Communications Specialist

Paratransit Specialist

Band 4 **\$7,340 - \$10,275**

Senior Transit Planner

Senior Fleet & Technology Management Specialist

Senior Grants, and Management Specialist

Senior Operations Specialist

Band 5 **\$8,806 - \$12,330**

Manager of Capital Projects

Band 6 **\$10,517 - \$14,795**

Director of Finance

Director of Planning and Marketing

Director of Operations and Innovation

Budget Impact

These Salary Band Ranges and the Organizational Chart are consistent with the proposed FY2023 operating budget.

Recommendation

The Finance and Administration Committee recommends approval of the attached Resolution 25-2022 adjusting the salary bands for LAVTA positions.

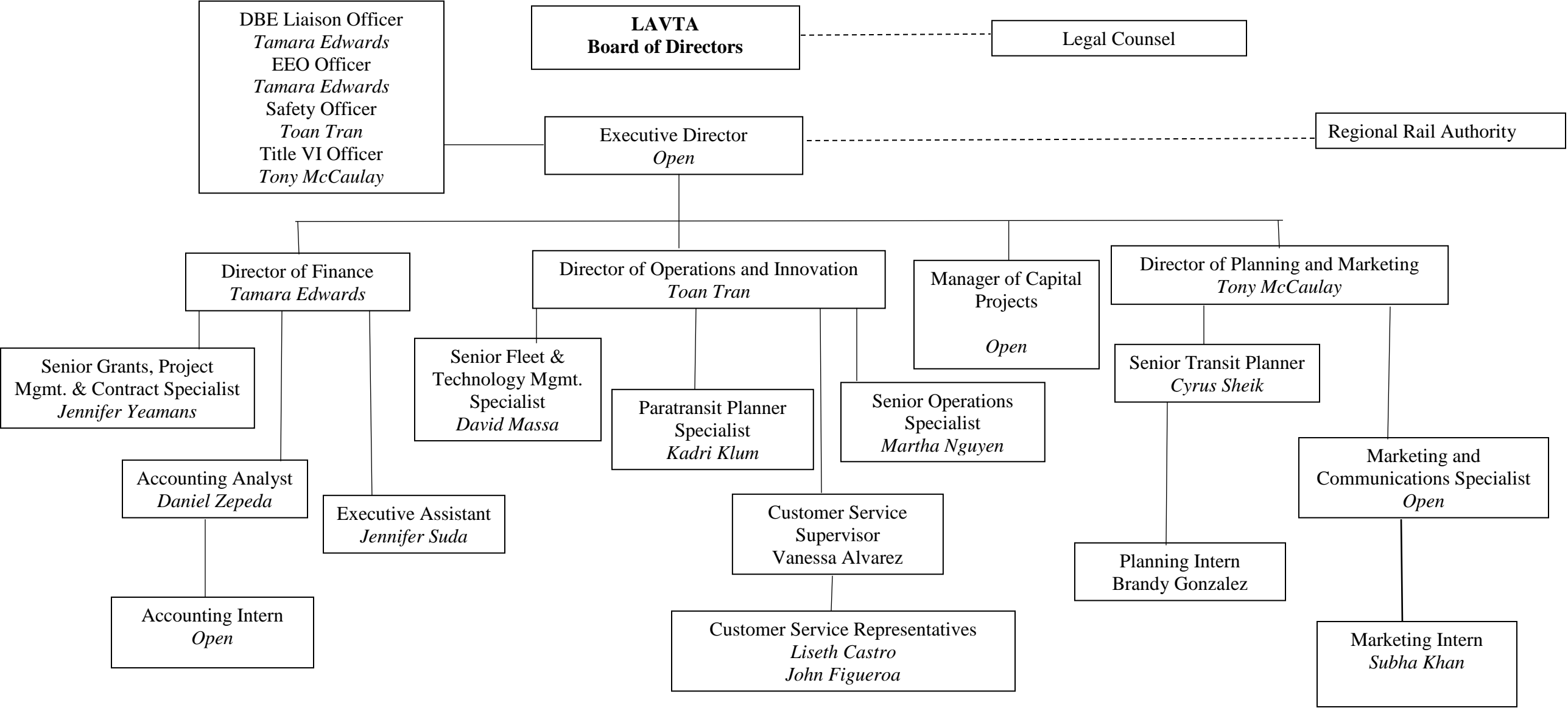
Attachments:

1. LAVTA Organization Chart
2. Resolution 25-2022 of the Board of Directors of the Livermore Amador Valley Transit Authority Establishing FY2023 Salary Bands
3. Annual Organizational Review Results Summary
4. Bureau of Labor Statistics

Submitted: _____

LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY

Organizational Chart



RESOLUTION NO. 25-2022**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
ESTABLISHING FY2023 SALARY BANDS**

WHEREAS, the Board of Directors of the Livermore Amador Valley Transit Authority adopted Resolution No. 03-2020 which established the current Human Resources Policy; and

WHEREAS, Section 4.2, Rates of Pay, of the Human Resources Policy requires an annual review of the Salary Ranges as part of the annual budget process; and

WHEREAS, it is desirable and necessary to revise the Salary Bands.

NOW, THEREFORE, BE IT RESOLVED that the Salary Bands for FY2023 are revised as follows:

Salary Bands

The following salary bands represent the categories of employment within the agency. Bands will be adjusted annually as part of the budget process. Periodically the Board of Directors may make additional one time adjustments to the bands based on market conditions, or other relevant factors indicating that the bands have become non-competitive. The Executive Director will have the authority to set salaries for positions within each band based on adopted budget constraints.

Monthly salary ranges as of July 1, 2023.

Monthly Salary Ranges

<u>Band 1</u>	<u>\$4,076 - \$5,708</u>
---------------	--------------------------

Customer Service Representative

<u>Band 2</u>	<u>\$5,041 - \$7,135</u>
---------------	--------------------------

Executive Assistant

Customer Service Supervisor

<u>Band 3</u>	<u>\$6,117 - \$8,564</u>
---------------	--------------------------

Accounting Analyst

Marketing and Communications Specialist

Paratransit Specialist

<u>Band 4</u>	<u>\$7,340 - \$10,275</u>
---------------	---------------------------

Senior Transit Planner

Senior Fleet & Technology Management Specialist

Senior Grants, and Management Specialist
Senior Operations Specialist

<u>Band 5</u>	<u>\$8,806 - \$12,330</u>
Manager of Capital Projects	

<u>Band 6</u>	<u>\$10,5175 - \$14,795</u>
Director of Finance	
Director of Planning and Marketing	
Director of Operations and Innovation	

PASSED AND ADOPTED this 6th day of June 2022.

Karla Brown, Chair

ATTEST:

Tamara Edwards, Interim Executive Director

Approved as to form:

Michael Conneran, Legal Counsel

**Livermore Amador Valley Transit Authority
Market Compensation Study - Results Summary
May 2022**

Attachment 3

Classification	# of Matches	Top Monthly Salary Data					Total Monthly Compensation Data						
		LAVTA	Average of Comparators	% above or below	Median of Comparators	% above or below	LAVTA	Average of Comparators	% above or below	Median of Comparators	% above or below		
Accounting Analyst	8	\$ 8,156	\$ 7,691	5.7%	\$ 7,278	10.8%	\$ 13,003	\$ 12,038	7.4%	\$ 11,365	12.6%		
Administrative Assistant	10	\$ 6,795	\$ 6,289	7.4%	\$ 6,364	6.3%	\$ 11,437	\$ 9,835	14.0%	\$ 10,062	12.0%		
Customer Service Representative	4	\$ 5,436	\$ 5,397	0.7%	\$ 5,139	5.5%	\$ 9,875	\$ 9,133	7.5%	\$ 8,742	11.5%		
Customer Service Supervisor	4	\$ 6,795	\$ 7,373	-8.5%	\$ 7,458	-9.8%	\$ 11,437	\$ 11,400	0.3%	\$ 11,323	1.0%		
Director of Finance	9	\$ 14,090	\$ 14,953	-6.1%	\$ 14,943	-6.1%	\$ 20,206	\$ 20,760	-2.7%	\$ 20,857	-3.2%		
Director of Operations and Innovation	7	\$ 14,090	\$ 14,145	-0.4%	\$ 13,541	3.9%	\$ 20,206	\$ 19,604	3.0%	\$ 19,020	5.9%		
Director of Planning and Marketing	8	\$ 14,090	\$ 14,215	-0.9%	\$ 14,242	-1.1%	\$ 20,206	\$ 19,724	2.4%	\$ 20,115	0.4%		
Marketing and Communications Specialist	5	\$ 8,156	\$ 7,640	6.3%	\$ 6,758	17.1%	\$ 13,003	\$ 11,837	9.0%	\$ 10,901	16.2%		
Operations Specialist	4	\$ 9,786	\$ 9,077	7.2%	\$ 9,314	4.8%	\$ 14,877	\$ 13,698	7.9%	\$ 13,758	7.5%		
Paratransit Planner	6	\$ 8,156	\$ 7,864	3.6%	\$ 7,671	5.9%	\$ 13,003	\$ 12,066	7.2%	\$ 11,881	8.6%		
Senior Capital Projects Specialist	4	\$ 9,786	\$ 10,271	-5.0%	\$ 10,283	-5.1%	\$ 14,877	\$ 15,476	-4.0%	\$ 15,447	-3.8%		
Senior Fleet and Technology Management Specialist	6	\$ 9,786	\$ 8,922	8.8%	\$ 9,305	4.9%	\$ 14,877	\$ 12,600	15.3%	\$ 12,867	13.5%		
Senior Grants, Project Management and Contract Specialist	4	\$ 9,786	\$ 9,350	4.5%	\$ 9,353	4.4%	\$ 14,877	\$ 13,786	7.3%	\$ 13,265	10.8%		
Senior Transit Planner	6	\$ 9,786	\$ 10,264	-4.9%	\$ 10,323	-5.5%	\$ 14,877	\$ 14,710	1.1%	\$ 14,836	0.3%		
		AVERAGE:		1.3%	AVERAGE:		2.6%	AVERAGE:		5.4%	AVERAGE:		6.7%

Consumer Price Index, San Francisco Area — April 2022

Area prices were up 1.5 percent over the past two months, up 5.0 percent from a year ago

Prices in the San Francisco area, as measured by the Consumer Price Index for All Urban Consumers (CPI-U), advanced 1.5 percent for the two months ending in April 2022, the U.S. Bureau of Labor Statistics reported today. (See [table A.](#)) Regional Commissioner Chris Rosenlund noted that the April increase was influenced by higher prices for gasoline. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect seasonal influences.)

Over the last 12 months, the CPI-U rose 5.0 percent. (See [chart 1](#) and [table A.](#)) Food prices moved up 10.2 percent. Energy prices jumped 31.1 percent, largely the result of an increase in the price of gasoline. The index for all items less food and energy increased 2.7 percent over the year. (See [table 1.](#))

News Release Information

22-872-SAN
Wednesday, May 11, 2022

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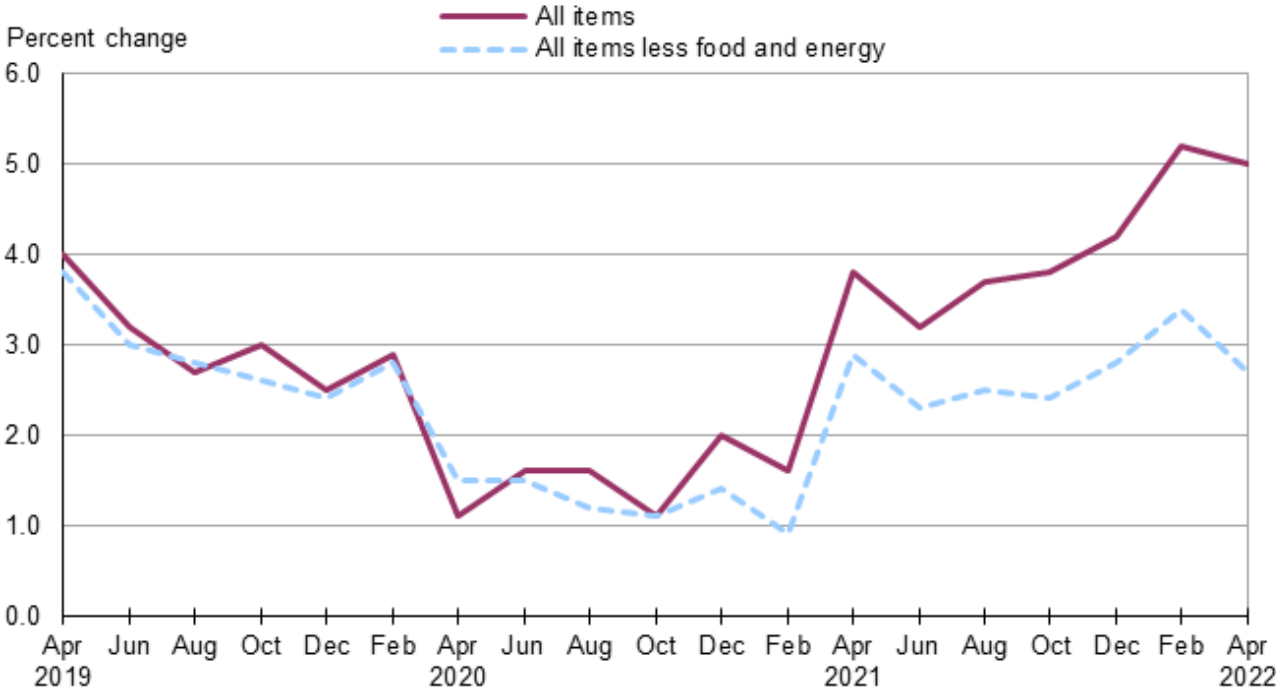
PDF

 [PDF version](#)

Related Links

[CPI historical databases](#)

Chart 1. Over-the-year percent change in CPI-U, San Francisco-Oakland-Hayward, CA, April 2019–April 2022



Source: U.S. Bureau of Labor Statistics.

[View Chart Data](#)

Food

Food prices rose 1.1 percent for the two months ending in April. (See [table 1.](#)) Prices for food at home advanced 1.7 percent, led by higher prices for meats, poultry, fish, and eggs (7.3 percent) and dairy and related products (6.3 percent). Prices for food away from home advanced 0.3 percent for the same period.

Over the year, food prices rose 10.2 percent. Prices for food at home jumped 13.9 percent since a year ago. Increases across food at home expenditure categories ranged from 6.8 percent for fruits and vegetables to 19.3 percent for meats, poultry, fish, and eggs. Prices for food away from home increased 6.0 percent.

Energy

The energy index jumped 13.5 percent for the two months ending in April. The increase was mainly due to higher prices for gasoline (20.4 percent). Prices for electricity increased 8.6 percent, but prices for natural gas service declined 1.8 percent for the same period.

Energy prices jumped 31.1 percent over the year, largely due to higher prices for gasoline (43.0 percent). Prices paid for natural gas service rose 23.4 percent, and prices for electricity increased 18.2 percent during the past year.

All items less food and energy

The index for all items less food and energy rose 0.7 percent in the latest two-month period. Higher prices for other goods and services (3.2 percent) and medical care (1.0 percent) were partially offset by lower prices for apparel (-2.4 percent), recreation (-2.1 percent), and used cars and trucks (-2.1 percent).

Over the year, the index for all items less food and energy increased 2.7 percent. Components contributing to the increase included used cars and trucks (22.3 percent), recreation (8.0 percent), and medical care (3.2 percent). Partly offsetting the increases was a price decrease in shelter (-0.1 percent).

Table A. San Francisco-Oakland-Hayward, CA, CPI-U 2-month and 12-month percent changes, all items index, not seasonally adjusted

Month	2018		2019		2020		2021		2022	
	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month
February	1.4	3.6	0.5	3.5	0.9	2.9	0.5	1.6	1.4	5.2
April	0.8	3.2	1.2	4.0	-0.5	1.1	1.7	3.8	1.5	5.0
June	0.9	3.9	0.2	3.2	0.7	1.6	0.0	3.2		
August	0.6	4.3	0.1	2.7	0.0	1.6	0.5	3.7		
October	0.7	4.4	1.0	3.0	0.5	1.1	0.7	3.8		

Month	2018		2019		2020		2021		2022	
	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month
December	0.1	4.5	-0.5	2.5	0.4	2.0	0.8	4.2		

The June 2022 Consumer Price Index for the San Francisco area is scheduled to be released on July 13, 2022.

Technical Note

The Consumer Price Index (CPI) is a measures of the average change in prices over time in a fixed market basket of goods and services. The Bureau of Labor Statistics publishes CPIs for two population groups: (1) a CPI for All Urban Consumers (CPI-U) which covers approximately 93 percent of the total U.S. population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers approximately 29 percent of the total U.S. population. The CPI-U includes, in addition to wage earners and clerical workers, groups such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPI is based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and the other goods and services that people buy for day-to-day living. Each month, prices are collected in 75 urban areas across the country from about 6,000 housing units and approximately 22,000 retail establishments—department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments. All taxes directly associated with the purchase and use of items are included in the index.

The index measures price changes from a designated reference date; for most of the CPI-U the reference base is 1982-84 equals 100. An increase of 7 percent from the reference base, for example, is shown as 107.000. Alternatively, that relationship can also be expressed as the price of a base period market basket of goods and services rising from \$100 to \$107. For further details see the CPI home page on the internet at www.bls.gov/cpi and the CPI section of the BLS Handbook of Methods available on the internet at www.bls.gov/opub/hom/cpi/.

In calculating the index, price changes for the various items in each location are averaged together with weights that represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. Because the sample size of a local area is smaller, the local area index is subject to substantially more sampling and other measurement error than the national index. In addition, local indexes are not adjusted for seasonal influences. As a result, local area indexes show greater volatility than the national index, although their long-term trends are quite similar. **NOTE: Area indexes do not measure differences in the level of prices between cities; they only measure the average change in prices for each area since the base period.**

The San Francisco-Oakland-Hayward, CA. metropolitan area covered in this release is comprised of Alameda, Contra Costa, Marin, San Francisco, San Mateo Counties in the State of California.

Information in this release will be made available to individuals with sensory impairments upon request. Voice phone: 202-691-5200; Telecommunications Relay Service: 7-1-1.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods

San Francisco-Oakland-Hayward, CA (1982-84=100 unless otherwise noted)

Item and Group	Indexes				Percent change from-		
	Historical data	Feb. 2022	Mar. 2022	Apr. 2022	Apr. 2021	Feb. 2022	Mar. 2022
Expenditure category							
All items		320.195	-	324.878	5.0	1.5	-
All items (1967=100)		984.369	-	998.766	-	-	-
Food and beverages		334.605	-	338.207	9.5	1.1	-
Food		336.402	-	340.217	10.2	1.1	-
Food at home		305.485	308.745	310.554	13.9	1.7	0.6
Cereals and bakery products		308.332	-	308.815	15.1	0.2	-
Meats, poultry, fish, and eggs		333.698	-	358.126	19.3	7.3	-
Dairy and related products		302.103	-	321.150	12.0	6.3	-
Fruits and vegetables		397.584	-	394.023	6.8	-0.9	-
Nonalcoholic beverages and beverage materials ⁽¹⁾		216.230	-	218.623	8.1	1.1	-
Other food at home		264.150	-	258.799	16.2	-2.0	-
Food away from home		370.023	-	371.272	6.0	0.3	-
Alcoholic beverages		315.737	-	316.572	1.4	0.3	-
Housing		370.763	-	372.662	1.2	0.5	-
Shelter		415.760	414.415	416.308	-0.1	0.1	0.5
Rent of primary residence ⁽²⁾		469.286	469.629	471.426	0.8	0.5	0.4
Owners' equiv. rent of residences ⁽²⁾⁽³⁾		444.617	444.852	444.585	1.4	0.0	-0.1

Footnotes

(1) Indexes on a December 1977=100 base.

(2) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

(3) Indexes on a December 1982=100 base.






























(4) Special index based on a substantially smaller sample.

(5) Indexes on a December 1993=100 base.

(6) Indexes on a December 1997=100 base.

- Data not available

NOTE: Index applies to a month as a whole, not to any specific date.

Item and Group	Indexes				Percent change from-		
	Historical data	Feb. 2022	Mar. 2022	Apr. 2022	Apr. 2021	Feb. 2022	Mar. 2022
Owners' equiv. rent of primary residence ⁽¹⁾⁽²⁾		444.617	444.852	444.585	1.4	0.0	-0.1
Fuels and utilities		514.971	-	535.078	13.9	3.9	-
Household energy		469.032	499.960	496.178	18.3	5.8	-0.8
Energy services ⁽²⁾		470.615	501.111	497.554	18.2	5.7	-0.7
Electricity ⁽²⁾		494.214	548.767	536.767	18.2	8.6	-2.2
Utility (piped) gas service ⁽²⁾		423.823	401.193	416.368	23.4	-1.8	3.8
Household furnishings and operations		160.063	-	162.568	4.0	1.6	-
Apparel		113.006	-	110.297	3.1	-2.4	-
Transportation		238.498	-	257.897	19.1	8.1	-
Private transportation		241.233	-	255.212	19.4	5.8	-
New and used motor vehicles ⁽⁴⁾		-	-	117.730	-	-	-
New vehicles ⁽¹⁾		-	-	189.443	-	-	-
Used cars and trucks ⁽¹⁾		376.607	-	368.593	22.3	-2.1	-
Motor fuel		343.538	408.338	414.030	43.2	20.5	1.4
Gasoline (all types)		342.218	406.871	411.914	43.0	20.4	1.2
Gasoline, unleaded regular ⁽⁴⁾		342.591	408.300	413.186	43.5	20.6	1.2
Gasoline, unleaded midgrade ⁽⁴⁾⁽⁵⁾		319.134	377.244	382.446	42.5	19.8	1.4
Gasoline, unleaded premium ⁽⁴⁾		322.988	380.191	385.567	40.8	19.4	1.4
Medical care		567.774	-	573.254	3.2	1.0	-
Recreation ⁽⁶⁾		137.237	-	134.314	8.0	-2.1	-
Education and communication ⁽⁶⁾		155.546	-	155.644	2.3	0.1	-
Tuition, other school fees, and child care ⁽¹⁾		-	-	-	-	-	-
Other goods and services		540.581	-	557.976	4.1	3.2	-
Commodity and service group							
All items		320.195	-	324.878	5.0	1.5	-
Commodities		222.186	-	227.995	12.5	2.6	-
Commodities less food & beverages		162.426	-	168.703	15.3	3.9	-
Nondurables less food & beverages		212.593	-	226.684	16.3	6.6	-
Durables		-	-	114.742	-	-	-
Services		402.721	-	406.485	2.0	0.9	-
Special aggregate indexes							
All items less medical care		309.967	-	314.604	5.1	1.5	-
All items less shelter		282.565	-	289.662	9.2	2.5	-
Commodities less food		169.355	-	175.590	14.4	3.7	-
Nondurables		275.005	-	283.926	12.1	3.2	-
Nondurables less food		220.811	-	234.134	14.7	6.0	-
Services less rent of shelter ⁽³⁾		405.976	-	415.532	5.8	2.4	-
Services less medical care services		391.232	-	394.977	2.0	1.0	-
Energy		395.621	447.197	449.124	31.1	13.5	0.4
All items less energy		320.537	-	323.112	3.7	0.8	-
All items less food and energy		318.955	-	321.347	2.7	0.7	-
Footnotes							
(1) Indexes on a December 1977=100 base.							
(2) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.							
(3) Indexes on a December 1982=100 base.							
(4) Special index based on a substantially smaller sample.							
(5) Indexes on a December 1993=100 base.							
(6) Indexes on a December 1997=100 base.							
- Data not available							
NOTE: Index applies to a month as a whole, not to any specific date.							

Last Modified Date: Wednesday, May 11, 2022

U.S. BUREAU OF LABOR STATISTICS Western Information Office Attn: EA & I, 90 Seventh Street Suite 14-100 San Francisco, CA 94103-6715

Telephone:1-415-625-2270_ www.bls.gov/regions/west [Contact Western Region](#)

AGENDA

ITEM 5J

STAFF REPORT

SUBJECT: One Year Extension to Legal Services Agreement with Hanson Bridgett LLP

FROM: Tamara Edwards, Interim Executive Director

DATE: June 6, 2022

Action Requested

Exercise the option to extend the contract with Hanson Bridgett through FY2023.

Background

In June 2013 the Board of Directors awarded a contract to Hanson Bridgett to serve as general legal counsel for the Authority. The agreement was awarded for a fixed three year term with the right to extend the agreement for seven one-year periods. The initial three year agreement expired on June 30, 2016 and has been extended through June 30, 2022. The final option year expires June 30, 2023. The terms specify that the extension price will be based on the CPI for the immediate prior calendar year.

Discussion

Michael Conneran and his colleagues at Hanson Bridgett have provided excellent legal service to this agency during the contract period. In addition to acting as legal counsel for all Board of Directors' activities, this past year, the firm has assisted staff with the preparation of numerous procurement and construction contracts, ensuring compliance with applicable funding requirements. Additionally, the firm has continued to provide guidance on general topics requiring legal compliance, such as ADA issues, employment matters and general federal procurement issues. Hanson Bridgett has monitored and will continue to monitor significant changes in federal transit policy, including revisions to charter service and school bus service regulations, and timely informed staff of proposed regulatory actions.

Recommendation

The Finance and Administration Committee recommend that the Board exercise an option year and extend the legal services agreement from July 1, 2022 through June 30, 2023.

Attachment

1. Letter to Hanson Bridgett Exercising Agreement Option
2. CPI Index (All Urban Consumers, All Items for the San Francisco Area)

Submitted: _____

Livermore Amador Valley
TRANSIT AUTHORITY



Attachment 1

June 6, 2022

Michael Conneran
Hanson Bridgett LLP
425 Market Street, 26th Floor
San Francisco, CA 94105

Dear Michael:

On July 1, 2013 LAVTA entered into an Agreement with your firm for the provision of legal services. In accordance with this Agreement, specifically, Attachment 1, Section II, 1.3, the initial period of the contract ended June 30, 2016, and LAVTA has sole discretion to extend the contract for seven (7) one-year periods. This will confirm LAVTA's intention to exercise that option for the sixth "option year" and extend this contract for the period of July 1, 2022 through June 30, 2023.

In addition, in accordance with Section 4 of this Agreement, this letter also confirms the change in hourly rate for FY23.

In the past, we have used the CPI as of February, and LAVTA accepts your proposal to do that as well moving forward. We have confirmed the calculations of the CPI for each category and rounded the amount up or down to the closes \$5 (keeping the actual number for the next calculation so the rounding doesn't affect the next year's number). The CPI (for All Urban Consumers All Items for the San Francisco-Oakland-San Jose area) changed 5.2% from February 2021 to February 2022. Here are the rates for FY23 starting July 1, 2022:

Attorney Category	2022 Rate	2022 Raw Rate	2023 Rate plus CPI (raw)	Rounded Rate for FY 2023
Partner	\$420	\$419.77	\$441.60	\$440
Senior Counsel	\$370	\$369.62	\$388.84	\$390
Associate	\$345	\$344.62	\$362.54	\$360

It is a pleasure working with you.

Sincerely,

Tamara Edwards
Interim Executive Director



Bureau of Labor Statistics > Geographic Information > Western > News Release

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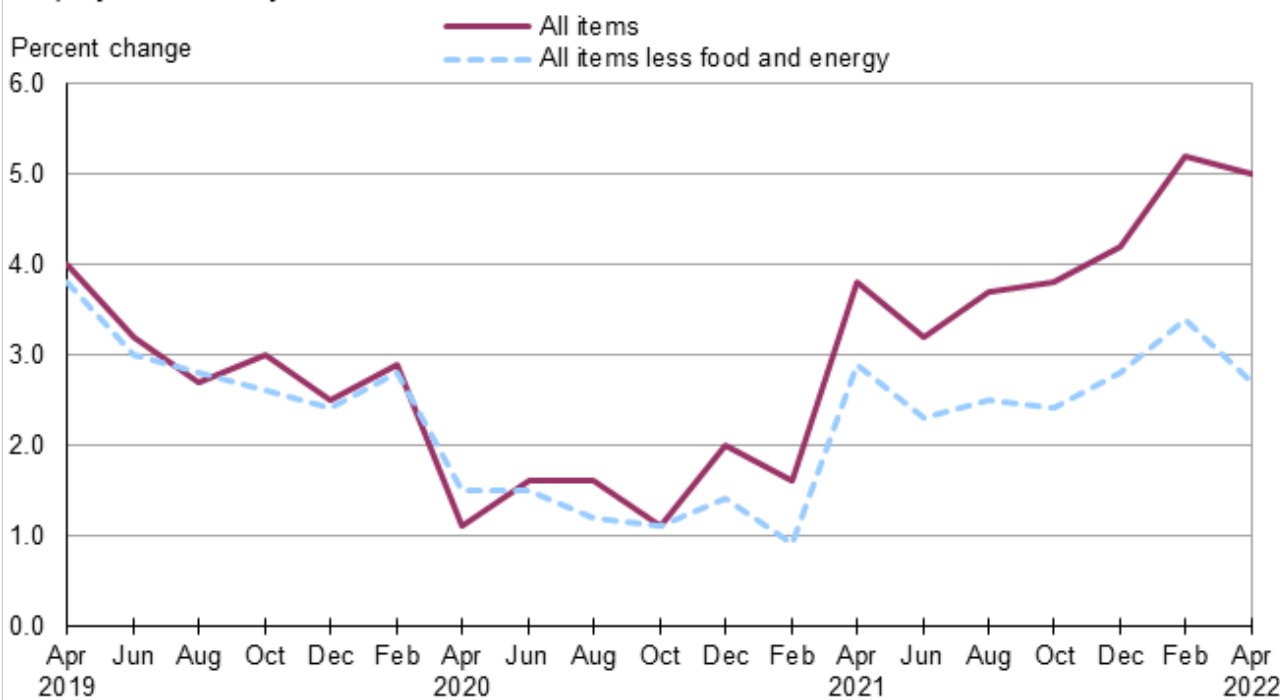
Consumer Price Index, San Francisco Area — April 2022

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Prices in the San Francisco area, as measured by the Consumer Price Index for All Urban Consumers (CPI-U), advanced 1.5 percent for the two months ending in April 2022, the U.S. Bureau of Labor Statistics reported today. (See [table A.](#)) Regional Commissioner Chris Rosenlund noted that the April increase was influenced by higher prices for gasoline. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect seasonal influences.)

Over the last 12 months, the CPI-U rose 5.0 percent. (See [chart 1](#) and [table A.](#)) Food prices moved up 10.2 percent. Energy prices jumped 31.1 percent, largely the result of an increase in the price of gasoline. The index for all items less food and energy increased 2.7 percent over the year. (See [table 1.](#))

Chart 1. Over-the-year percent change in CPI-U, San Francisco-Oakland-Hayward, CA, April 2019–April 2022



Source: U.S. Bureau of Labor Statistics.

[View Chart Data](#)

Food

Food prices rose 1.1 percent for the two months ending in April. (See [table 1.](#)) Prices for food at home advanced 1.7 percent, led by higher prices for meats, poultry, fish, and eggs (7.3 percent) and dairy and related products (6.3 percent). Prices for food away from home advanced 0.3 percent for the same period.

Over the year, food prices rose 10.2 percent. Prices for food at home jumped 13.9 percent since a year ago. Increases across food at home expenditure categories ranged from 6.8 percent for fruits and vegetables to 19.3 percent for meats, poultry, fish, and eggs. Prices for food away from home increased 6.0 percent.

Energy

The energy index jumped 13.5 percent for the two months ending in April. The increase was mainly due to higher prices for gasoline (20.4 percent). Prices for electricity increased 8.6 percent, but prices for natural gas service declined 1.8 percent for the same period.

Energy prices jumped 31.1 percent over the year, largely due to higher prices for gasoline (43.0 percent). Prices paid for natural gas service rose 23.4 percent, and prices for electricity increased 18.2 percent during the past year.

All items less food and energy

The index for all items less food and energy rose 0.7 percent in the latest two-month period. Higher prices for other goods and services (3.2 percent) and medical care (1.0 percent) were partially offset by lower prices for apparel (-2.4 percent), recreation (-2.1 percent), and used cars and trucks (-2.1 percent).

Over the year, the index for all items less food and energy increased 2.7 percent. Components contributing to the increase included used cars and trucks (22.3 percent), recreation (8.0 percent), and medical care (3.2 percent). Partly offsetting the increases was a price decrease in shelter (-0.1 percent).

Table A. San Francisco-Oakland-Hayward, CA, CPI-U 2-month and 12-month percent changes, all items index, not seasonally adjusted

Month	2018		2019		2020		2021		2022	
	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month
February	1.4	3.6	0.5	3.5	0.9	2.9	0.5	1.6	1.4	5.2
April	0.8	3.2	1.2	4.0	-0.5	1.1	1.7	3.8	1.5	5.0
June	0.9	3.9	0.2	3.2	0.7	1.6	0.0	3.2		
August	0.6	4.3	0.1	2.7	0.0	1.6	0.5	3.7		
October	0.7	4.4	1.0	3.0	0.5	1.1	0.7	3.8		

News Release Information

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Wednesday, May 11, 2022

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Related Links

[CPI historical databases](#)

Month	2018		2019		2020		2021		2022	
	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month
December	0.1	4.5	-0.5	2.5	0.4	2.0	0.8	4.2		

The June 2022 Consumer Price Index for the San Francisco area is scheduled to be released on July 13, 2022.

Technical Note

The Consumer Price Index (CPI) is a measures of the average change in prices over time in a fixed market basket of goods and services. The Bureau of Labor Statistics publishes CPIs for two population groups: (1) a CPI for All Urban Consumers (CPI-U) which covers approximately 93 percent of the total U.S. population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers approximately 29 percent of the total U.S. population. The CPI-U includes, in addition to wage earners and clerical workers, groups such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPI is based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and the other goods and services that people buy for day-to-day living. Each month, prices are collected in 75 urban areas across the country from about 6,000 housing units and approximately 22,000 retail establishments—department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments. All taxes directly associated with the purchase and use of items are included in the index.

The index measures price changes from a designated reference date; for most of the CPI-U the reference base is 1982-84 equals 100. An increase of 7 percent from the reference base, for example, is shown as 107.000. Alternatively, that relationship can also be expressed as the price of a base period market basket of goods and services rising from \$100 to \$107. For further details see the CPI home page on the internet at www.bls.gov/cpi and the CPI section of the BLS Handbook of Methods available on the internet at www.bls.gov/opub/hom/cpi/.

In calculating the index, price changes for the various items in each location are averaged together with weights that represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. Because the sample size of a local area is smaller, the local area index is subject to substantially more sampling and other measurement error than the national index. In addition, local indexes are not adjusted for seasonal influences. As a result, local area indexes show greater volatility than the national index, although their long-term trends are quite similar. **NOTE: Area indexes do not measure differences in the level of prices between cities; they only measure the average change in prices for each area since the base period.**

The San Francisco-Oakland-Hayward, CA. metropolitan area covered in this release is comprised of Alameda, Contra Costa, Marin, San Francisco, San Mateo Counties in the State of California.

Information in this release will be made available to individuals with sensory impairments upon request. Voice phone: 202-691-5200; Telecommunications Relay Service: 7-1-1.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods

San Francisco-Oakland-Hayward, CA (1982-84=100 unless otherwise noted)

Item and Group	Indexes				Percent change from-		
	Historical data	Feb. 2022	Mar. 2022	Apr. 2022	Apr. 2021	Feb. 2022	Mar. 2022
Expenditure category							
All items		320.195	-	324.878	5.0	1.5	-
All items (1967=100)		984.369	-	998.766	-	-	-
Food and beverages		334.605	-	338.207	9.5	1.1	-
Food		336.402	-	340.217	10.2	1.1	-
Food at home		305.485	308.745	310.554	13.9	1.7	0.6
Cereals and bakery products		308.332	-	308.815	15.1	0.2	-
Meats, poultry, fish, and eggs		333.698	-	358.126	19.3	7.3	-
Dairy and related products		302.103	-	321.150	12.0	6.3	-
Fruits and vegetables		397.584	-	394.023	6.8	-0.9	-
Nonalcoholic beverages and beverage materials ⁽¹⁾		216.230	-	218.623	8.1	1.1	-
Other food at home		264.150	-	258.799	16.2	-2.0	-
Food away from home		370.023	-	371.272	6.0	0.3	-
Alcoholic beverages		315.737	-	316.572	1.4	0.3	-
Housing		370.763	-	372.662	1.2	0.5	-
Shelter		415.760	414.415	416.308	-0.1	0.1	0.5
Rent of primary residence ⁽²⁾		469.286	469.629	471.426	0.8	0.5	0.4
Owners' equiv. rent of residences ⁽²⁾⁽³⁾		444.617	444.852	444.585	1.4	0.0	-0.1

Footnotes

(1) Indexes on a December 1977=100 base.

(2) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

(3) Indexes on a December 1982=100 base.


































(4) Special index based on a substantially smaller sample.

(5) Indexes on a December 1993=100 base.

(6) Indexes on a December 1997=100 base.

- Data not available

NOTE: Index applies to a month as a whole, not to any specific date.

Item and Group	Indexes				Percent change from-		
	Historical data	Feb. 2022	Mar. 2022	Apr. 2022	Apr. 2021	Feb. 2022	Mar. 2022
Owners' equiv. rent of primary residence ⁽¹⁾⁽²⁾		444.617	444.852	444.585	1.4	0.0	-0.1
Fuels and utilities		514.971	-	535.078	13.9	3.9	-
Household energy		469.032	499.960	496.178	18.3	5.8	-0.8
Energy services ⁽²⁾		470.615	501.111	497.554	18.2	5.7	-0.7
Electricity ⁽²⁾		494.214	548.767	536.767	18.2	8.6	-2.2
Utility (piped) gas service ⁽²⁾		423.823	401.193	416.368	23.4	-1.8	3.8
Household furnishings and operations		160.063	-	162.568	4.0	1.6	-
Apparel		113.006	-	110.297	3.1	-2.4	-
Transportation		238.498	-	257.897	19.1	8.1	-
Private transportation		241.233	-	255.212	19.4	5.8	-
New and used motor vehicles ⁽⁴⁾		-	-	117.730	-	-	-
New vehicles ⁽¹⁾		-	-	189.443	-	-	-
Used cars and trucks ⁽¹⁾		376.607	-	368.593	22.3	-2.1	-
Motor fuel		343.538	408.338	414.030	43.2	20.5	1.4
Gasoline (all types)		342.218	406.871	411.914	43.0	20.4	1.2
Gasoline, unleaded regular ⁽⁴⁾		342.591	408.300	413.186	43.5	20.6	1.2
Gasoline, unleaded midgrade ⁽⁴⁾⁽⁵⁾		319.134	377.244	382.446	42.5	19.8	1.4
Gasoline, unleaded premium ⁽⁴⁾		322.988	380.191	385.567	40.8	19.4	1.4
Medical care		567.774	-	573.254	3.2	1.0	-
Recreation ⁽⁶⁾		137.237	-	134.314	8.0	-2.1	-
Education and communication ⁽⁶⁾		155.546	-	155.644	2.3	0.1	-
Tuition, other school fees, and child care ⁽¹⁾		-	-	-	-	-	-
Other goods and services		540.581	-	557.976	4.1	3.2	-
Commodity and service group							
All items		320.195	-	324.878	5.0	1.5	-
Commodities		222.186	-	227.995	12.5	2.6	-
Commodities less food & beverages		162.426	-	168.703	15.3	3.9	-
Nondurables less food & beverages		212.593	-	226.684	16.3	6.6	-
Durables		-	-	114.742	-	-	-
Services		402.721	-	406.485	2.0	0.9	-
Special aggregate indexes							
All items less medical care		309.967	-	314.604	5.1	1.5	-
All items less shelter		282.565	-	289.662	9.2	2.5	-
Commodities less food		169.355	-	175.590	14.4	3.7	-
Nondurables		275.005	-	283.926	12.1	3.2	-
Nondurables less food		220.811	-	234.134	14.7	6.0	-
Services less rent of shelter ⁽³⁾		405.976	-	415.532	5.8	2.4	-
Services less medical care services		391.232	-	394.977	2.0	1.0	-
Energy		395.621	447.197	449.124	31.1	13.5	0.4
All items less energy		320.537	-	323.112	3.7	0.8	-
All items less food and energy		318.955	-	321.347	2.7	0.7	-
Footnotes							
(1) Indexes on a December 1977=100 base.							
(2) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.							
(3) Indexes on a December 1982=100 base.							
(4) Special index based on a substantially smaller sample.							
(5) Indexes on a December 1993=100 base.							
(6) Indexes on a December 1997=100 base.							
- Data not available							
NOTE: Index applies to a month as a whole, not to any specific date.							

Last Modified Date: Wednesday, May 11, 2022

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AGENDA

ITEM 5K

STAFF REPORT

SUBJECT: Approval of Updated Public Transportation Agency Safety Plan

FROM: Toan Tran, Director of Operations and Innovation

DATE: June 6, 2022

Actions Requested

Approve the updated PTASP document.

Background

The Federal Transit Administration (FTA) requires that public transportation systems receiving federal funds develop a Public Transportation Agency Safety Plan that includes the processes and procedures to implement a Safety Management System. An SMS is a comprehensive approach to bringing management and labor together to control risk better, detect and correct safety problems earlier, and measure safety performance more precisely. The rule (49 CFR Part 673) went into effect on July 19, 2019 with a compliance date of July 20, 2021.

In preparation for the deadline, LAVTA prepared a PTASP that underwent multiple FTA reviews to ensure compliance, and was approved by the LAVTA Board of Directors in December 2020. It formalizes and codifies LAVTA existing safety practices and contractor oversight related to safety in one comprehensive document as well as incorporates the safety plans of the fixed-route and paratransit contractors. The PTASP is not required to be updated unless there are major changes but it must be reviewed at least annually.

The Bipartisan Infrastructure Law (BIL) recently passed adds a few more requirements to the PTASP based on LAVTA's large urbanized area designation:

1. Safety Committee will consist of an equal number of frontline employee and management representatives.
2. Document strategies and mitigations to minimize exposure to infectious diseases consistent with guidelines of the Centers for Disease Control and Prevention (CDC).

The compliance deadline for these additions is July 31, 2022.

Discussion

LAVTA has done the annual review of the PTASP and made some updates both to address the change in paratransit contractors since the last approved iteration of the PTASP and the new requirements from the BIL. The SMS of the new paratransit contractor has been incorporated into the PTASP with no changes to LAVTA's oversight component for its contractors (Attach. 1, Exhibit 4). The annual safety performance targets were also updated to reflect a rolling average of the last 5 years of LAVTA's safety performance data, based on FTA's suggested methodology.

The Safety Committee component was already outlined in the PTASP as consisting of both frontline employees and management staff but has been updated to ensure an equal number of representatives from each party.

Throughout the COVID-19 pandemic, LAVTA implemented a number of strategies and initiatives to minimize exposure to infectious diseases that went above and beyond guidelines provided by CDC, California Division of Occupational Safety & Health (Cal/OSHA), and local health authorities. These strategies are now documented in the updated PTASP.

Per the new BIL requirement and as recommended by the Projects & Services Committee, the PTASP has been modified to include a clause that for any kind of infectious diseases, LAVTA and its contractors will adhere to the strictest of the guidelines published by either the CDC, Transportation Security Administration (TSA), Cal/OSHA, or Alameda County Public Health Department.

Recommendation

The Projects and Services Committee recommends the Board of Directors approve the updated PTASP document.

Attachments:

1. Updated PTASP
2. PTASP Resolution 24-2022

Approved: _____

Livermore Amador Valley **TRANSIT AUTHORITY**



Public Transportation Agency Safety Plan (PTASP)

Table of Contents

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1. Transit Agency Information

Transit Agency Name	Livermore Amador Valley Transit Authority			
Transit Agency Address	1362 Rutan Court, Livermore, California, 94551			
Name and Title of Accountable Executive	Tamara Edwards, Interim Executive Director			
Name of Chief Safety Officer or SMS Executive	Toan Tran, Director of Operations and Innovation			
Mode(s) of Service Covered by This Plan	Fixed Route Bus; Paratransit	List All FTA Funding Types (e.g., 5307, 5310, 5311)	5307, 5339, 5311	
Mode(s) of Service Provided by the Transit Agency (Directly operated or contracted service)	Fixed Route Bus (contracted); Paratransit (contracted)			
Does the agency provide transit services on behalf of another transit agency or entity?	Yes	No <input checked="" type="checkbox"/>	Description of Arrangement(s)	not applicable
Name and Address of Transit Agency(ies) or Entity(ies) for Which Service Is Provided	not applicable			

2. Plan Development, Approval, and Updates

Name of Person Who Drafted This Plan	Michael S. Tree, Executive Director (former)	
Signature by the Accountable Executive	Signature of Accountable Executive	Date of Signature
	Interim Executive Director	
Approval by the Board of Directors	LAVTA Board of Directors	Date of Approval
	Resolution 24-2022	
	Relevant Documentation	
	<p>A copy of LAVTA Resolution 32-2020, approving the PTASP, is maintained on file by the Director of Finance, LAVTA</p> <p>A copy of LAVTA Resolution 24-2022, approving PTASP updates, is maintained on file by the Director of Finance, LAVTA</p>	
Addresses FTA 49 CFR Part 670	This PTASP addresses all applicable requirements and standards as set forth in FTA's Public Transportation Safety Program, the National Public Transportation Safety Plan, and the Bipartisan Infrastructure Law	

Version Number and Updates <i>(History of successive versions of this plan)</i>			
Version Number	Section/Pages Affected	Reason for Change	Date Issued
1		New Document	12/7/2020
2	Section 3, Exhibit 4, Exhibit 11	Update Safety Performance Targets; new Bipartisan Infrastructure requirements	5/31/2022

Annual Review and Update of the Public Transportation Agency Safety Plan
<i>(The process and timeline for conducting an annual review and update of the PTASP)</i>
This plan will be jointly reviewed and updated by the Chief Safety Officer and Accountable Executive by July 1 of each year. The Accountable Executive will review and approve any changes, signing the new PTASP, then forward to the LAVTA Board of Directors for review and approval.

3. Safety Performance Targets

Safety Performance Targets							
<i>Annual safety performance targets below based on an average of the previous 5 years of LAVTA's safety performance data (2017 through 2021).</i>							
Mode of Transit Service	Fatalities (total)	Average Annual Fatalities (per 100 thousand VRM)	Injuries (total)	Average Annual Injuries (per 100 thousand VRM)	Safety Events (total)	Average Annual Safety Events (per 100 thousand VRM)	Average Annual System Reliability (VRM / failures)
Fixed Route Bus	0	0	2	0.01	3	0.06	22,983
ADA / Paratransit	0	0	0	0	0	0	54,386

Safety Performance Target Coordination		
<i>(How LAVTA coordinates with the State and Metropolitan Planning Organization(s) (MPO) in the selection of State and MPO safety performance targets)</i>		
LAVTA's Accountable Executive will share our PTASP, including safety performance targets, with the Metropolitan Planning Organization (MPO) in our service area each year after its formal adoption by the LAVTA Board of Directors. LAVTA's Accountable Executive will also provide a copy of our formally adopted plan to the California Department of Transportation. LAVTA personnel are available to coordinate with the California Department of Transportation and the MPO in the selection of California and MPO safety performance targets upon request.		
Targets Transmitted to the State	State Entity Name	Date Targets Transmitted
	California Department of Transportation	
Targets Transmitted to the Metropolitan Planning Organization(s)	MPO Name	Date Targets Transmitted
	Metropolitan Transportation Commission (MTC)	

4. Safety Management Policy

Safety is a core value at LAVTA, and managing safety is a core business function. We will develop, implement, maintain, and continuously improve processes to ensure the safety of our customers, employees, and the public.

Responsibility/Accountability:

LAVTA's Safety Management Policy applies to employees (including contracted) and to every aspect of LAVTA's activities. A positive safety culture includes ownership by all employees to identify and correct any deficiencies at all levels.

LAVTA is committed to the following safety objectives:

- Communicating the purpose and benefits of the Safety Management System (SMS) to all staff, managers, supervisors, employees, and service contractors.
- Providing a culture of open reporting of all safety concerns, ensuring that no action will be taken against any employee who discloses a safety concern through LAVTA's Employee Safety Reporting Program (ESRP), unless such disclosure indicates, beyond any reasonable doubt, an illegal act, gross negligence, or a deliberate or willful disregard of regulations or procedures.
- Providing appropriate management involvement and the necessary resources to establish an effective ESRP that will encourage employees to communicate and report any unsafe work conditions, hazards, or at-risk behavior to the management team.
- Identifying hazardous and unsafe work conditions and analyzing data from the ESRP. (After thoroughly analyzing provided data, the transit operations division will develop processes and procedures to mitigate safety risk to an acceptable level.)
- Establishing safety performance targets that are realistic, measurable, and data driven. Continually improving our safety performance through management processes that ensure appropriate safety management action is taken and is effective.

Working proactively towards identifying and reducing the existence of hazards and risks in the workplace and our system, LAVTA implemented a Safety Management System (SMS) to prevent accidents, reduce risk of injury, and minimize damage to property and equipment.

As the Accountable Executive for all operations and activities, I will ensure that resources are available to ensure our SMS is robust and successful. LAVTA executives, employees, and contractors will take steps to prevent workplace incidents and injuries, provide support of safety initiatives, and encourage employee communication in order to achieve a safer, healthier workplace. I hold executives, employees, and contractors accountable for safety performance.

The SMS is managed under my authority by the Chief Safety Officer who reports directly to me. All levels of management and employees are accountable for the delivery of the highest level of safety performance, starting with the Executive Director/CEO.



Michael Tree, LAVTA Executive Director and Accountable Executive

Safety Management Policy Communication

(How the safety management policy is communicated throughout LAVTA and to contractors)

The Chief Safety Officer, who leads LAVTA's SMS activities, distributes the Safety Management Policy Statement to employees and contractor staff. The policy is also posted on bulletin boards at headquarters and in the operations and maintenance break areas of the operating division (on-site contractor areas). LAVTA has incorporated distribution of the Safety Management Policy into new-hire orientation and all-staff annual safety refreshers, and into Safety Committee meetings with internal and contractor staff.

Authorities, Accountabilities, and Responsibilities

(For the development and management of the SMS)

Accountable Executive	<p>The Executive Director serves as LAVTA's Accountable Executive with the following authorities, accountabilities, and responsibilities under this plan:</p> <ul style="list-style-type: none">• Controls and directs human and capital resources needed to develop and maintain the PTASP and SMS.• Designates an adequately trained Chief Safety Officer who is a direct report.• Ensures that LAVTA's SMS is effectively implemented.• Ensures action is taken to address substandard performance in LAVTA's SMS.• Assumes ultimate responsibility for carrying out LAVTA's PTASP and SMS.• Maintains responsibility for carrying out the agency's Transit Asset Management Plan.
Chief Safety Officer or SMS Executive	<p>The Accountable Executive designates the Director of Operations and Innovation as LAVTA's Chief Safety Officer. The Chief Safety Officer has the following authorities, accountabilities, and responsibilities under this plan:</p> <ul style="list-style-type: none">• Develops LAVTA's PTASP and SMS policies and procedures.• Ensures and oversees day-to-day implementation and operation of LAVTA's SMS for both agency and contractors.• Manages LAVTA's ESRP.• Chairs the LAVTA Safety Committee and<ul style="list-style-type: none">○ Coordinates the activities of the committee;○ Establishes and maintains LAVTA's Safety Risk Register and Safety Event Log to monitor and analyze trends in hazards, occurrences, incidents, and accidents; and○ Maintains and distributes minutes of committee meetings.• Advises the Accountable Executive on SMS progress and status.• Identifies any substandard performance in LAVTA's SMS and develops action plans for approval by the Accountable Executive.• Ensures LAVTA policies are consistent with LAVTA's safety objectives.• Provides Safety Risk Management (SRM) expertise and support for other LAVTA personnel who conduct and oversee Safety Assurance activities.

<p>Agency Executive Leadership and Contractor Management Staff</p>	<p>LAVTA Executive Leadership and Contractor Management Staff also have authorities and responsibilities for day-to-day SMS implementation and operation of LAVTA's SMS under this plan. LAVTA Executive Leadership and Contractor Management Staff include:</p> <ul style="list-style-type: none"> • Director of Planning and Marketing (LAVTA), • Director of Finance, Human Resources and Procurement (LAVTA), • Operations/Safety/Maintenance managers and supervisors (contractor) <p>LAVTA Executive Leadership and Contractor Management personnel have the following authorities, accountabilities, and responsibilities:</p> <ul style="list-style-type: none"> • Participate as members of LAVTA's Safety Committee (operations and maintenance staff will be rotated through the Safety Committee while other positions are permanent members). • Complete training on SMS and LAVTA's PTASP elements. • Oversee day-to-day operations of the SMS in their departments. • Modify policies in their departments consistent with implementation of the SMS, as necessary. • Provide subject matter expertise to support implementation of the SMS as requested by the Accountable Executive or the Chief Safety Officer, including SRM activities, investigation of safety events, development of safety risk mitigations, and monitoring of mitigation effectiveness.
<p>Key Staff and Activities</p>	<p>LAVTA uses the Safety Committee, as well as the monthly Drivers' Meeting and monthly All-Staff Meeting, to support its SMS and safety programs, which includes active participation and compliance from contractors:</p> <ul style="list-style-type: none"> • Safety Committee (LAVTA/contractor): Any safety hazards reported will be jointly evaluated by the Safety Committee and the Chief Safety Officer during the bimonthly meeting. The Safety Committee members include the Chief Safety Officer (Director of Operations), Paratransit Planner, and contractor staff (General Manager, Safety Manager, Road Supervisor, Operator, and Mechanic), who will meet to review issues and make recommendations to improve safety. • Drivers' Meetings (contractor): A permanent agenda item in all monthly Drivers' Meetings is dedicated to safety. Safety issues are discussed and documented, and shared with the Safety Committee. • Monthly All-Staff Meetings (LAVTA): Hazard reports and mitigations will be shared, safety topics will be brought up for open discussion, further feedback solicited, and hazard self-reporting further encouraged. Information discussed in these meetings will be documented.

<p>Contracted Staff Responsibilities</p>	<p>Contractors, at a minimum, are required to provide an equivalent level of safety reporting program standards and objectives as outlined in this policy and also implement a process to allow employees to report safety conditions and concerns to management. They may also have their own enhanced safety protocols for risk mitigation beyond what is required from LAVTA. LAVTA provides regularly scheduled oversight of the contractor's SMS through the described <i>Key Staff and Activities</i> above.</p>
<p>Employee Safety Reporting Program <i>(These are the processes and protections for employees (including contract) to report safety conditions to management)</i></p>	
<p>Our front-line employees are our best source of information for identifying hazards. Nobody knows more about the actual safety performance of the transit system than the employees who deliver the service.</p> <p>The Employee Safety Reporting Program (ESRP) is intended to help the Accountable Executive and other senior managers get important safety information from across the transit agency. It can be an agency's most important source of safety data.</p> <p>There are two types of safety reporting programs: mandatory and voluntary.</p> <ul style="list-style-type: none"> • Mandatory: Employees must report hazards that are compliance-based and address regulatory issues. Employees are required to immediately report every incident and accident. An employee's failure to report or provide truthful information of an unsafe hazard or act could result in disciplinary action. • Voluntary: Employees are strongly encouraged to report hazards and can report anonymously. Every employee is empowered to report any unsafe hazard / risk to their supervisor or senior management without fear of retribution or penalty. <p>Employees will have the option to report anonymously to maintain confidentiality. The ESRP is non-punitive and employees will not be disciplined for the act of reporting the Hazard or Near Miss. However, employees must report hazards that are compliance-based and address regulatory issues. Record falsification, Drug & Alcohol violations, grossly negligent behavior, and failure to report accidents/incidents and serious safety hazards are examples of employee behaviors that may result in disciplinary action.</p> <p>Forms of reporting can include submitting a completed SMS Hazard/Risk Report Form (Exhibit 2) or utilizing a centrally located Safety Suggestion Box in the break room.</p> <p>The Hazard/Risk Report Form shall be completed immediately, so proactive measures can be taken as soon as possible. Depending on the perceived level of risk and severity, the report shall be submitted immediately or by the end of their shift.</p> <p>Input by employees into the ESRP can include safety concern reporting, operational system description, hazard identification, safety deficiencies, risk assessments, potential consequences of hazards, or recommended safety risk mitigations.</p> <p>Examples of reports may include the following:</p> <ul style="list-style-type: none"> • Safety hazards in the operating environment (for example, county road conditions) • Policies and procedures that aren't working as intended (for example, insufficient time to complete 	

pre-trip inspections)

- Events that senior managers might not otherwise know about (for example, near misses)
- Information about why a safety event occurred (for example, radio communication challenges contributed to an incident)

The information we receive through this source will help us resolve the reported hazard and notify the supervisor or senior management of changes that may need to be made to mitigate safety hazards in the future.

The Chief Safety Officer will lead the effort on collection, analysis, resolution, and monitoring of hazards and feedback entered through the ESRP. Safety reports collected by the contractor will be addressed in a timely matter, according to their severity, and shared with the Chief Safety Officer/Director of Operations in regularly scheduled meetings and as needed. The Chief Safety Officer will take the lead on the Safety Risk Management process, with inputs from subject-matter experts in operations and maintenance.

5. Safety Risk Management

Safety Risk Management (SRM) Process

(These are the methods/processes of identifying hazards and their consequences, associated safety risks, and mitigations/strategies to address these things once they've been assessed)

LAVTA uses the SRM process as a primary method to ensure the safety of our operations, passengers, employees, vehicles, and facilities. It is a process whereby hazards and their consequences are identified, assessed for potential safety risk, and resolved in a manner acceptable to LAVTA's leadership. LAVTA's SRM process allows us to carefully examine what could cause harm and determine whether we have taken sufficient precautions to minimize the harm, or if further mitigations are necessary. Our fixed route contractor's SRM process is documented in Exhibit 3. Our paratransit contractor's SRM process is documented in Exhibit 4.

LAVTA's Chief Safety Officer leads LAVTA's SRM process, working with LAVTA's Safety Committee (includes contractors; through regularly scheduled meetings listed in Section 4) to identify hazards and consequences, assess safety risk of potential consequences, and mitigate safety risk. The results of LAVTA's SRM process will be documented in our Safety Risk Register and referenced materials.

LAVTA's SRM process applies to all elements of our system including our operations, maintenance, facilities, vehicles, personnel recruitment, training, and supervision.

In carrying out the SRM process, LAVTA uses the following terms:

- **Event** – Any accident, incident, or occurrence.
- **Hazard** – Any real or potential condition that can cause injury, illness, or death; damage to or loss of the facilities, equipment, rolling stock, or infrastructure belonging to LAVTA; or damage to the environment.
- **Risk** – Composite of predicted severity and likelihood of the potential effect of a hazard.
- **Risk Mitigation** – Method(s) to eliminate or reduce the effects of hazards.
- **Consequence** – An effect of a hazard involving injury, illness, death, or damage to LAVTA property or the environment.

Safety Hazard Identification

The safety hazard identification process offers LAVTA and its contractors the ability to identify hazards and potential consequences in the operation and maintenance of our system. Hazards can be identified through a variety of sources, including:

- ESRP;
- Review of vehicle camera footage;
- Review of monthly performance data and safety performance targets;

- Observations from supervisors (contractor);
- Maintenance reports (contractor);
- Comments from customers, passengers, and third parties, including LAVTA's transit insurance pool and vendors;
- Safety Committee, Drivers', and All-Staff Meetings (LAVTA/contractor);
- Results of audits and inspections of vehicles and facilities;
- Results of training assessments;
- Investigations into safety events, incidents, and occurrences; and
- Federal Transit Administration (FTA) and other oversight authorities (mandatory information source).

When a safety concern is observed by LAVTA's management or supervisory personnel or contractor management staff, whatever the source, it is reported to LAVTA's Chief Safety Officer. Procedures for reporting hazards to LAVTA's Chief Safety Officer are reviewed during All-Staff Meetings and in the Safety Committee meetings. LAVTA's Chief Safety Officer also receives employee reports from the ESRP, customer comments related to safety, and the dispatch daily Operations Log. LAVTA's Chief Safety Officer reviews these sources for hazards and documents them in LAVTA's Safety Risk Register.

LAVTA's Chief Safety Officer also may enter hazards into the Safety Risk Register based on their review of LAVTA's operations and maintenance, the results of audits and observations, and information received from FTA and other oversight authorities, as well as the National Transportation Safety Board.

LAVTA's Chief Safety Officer may conduct further analyses of hazards and consequences entered into the Safety Risk Register to collect information and identify additional consequences and to inform which hazards should be prioritized for safety risk assessment. In following up on identified hazards, LAVTA's Chief Safety Officer may:

- Reach out to the reporting party, if available, to gather all known information about the reported hazard;
- Conduct a walkthrough of the affected area, assessing the possible hazardous condition, generating visual documentation (photographs and/or video), and taking any measurements deemed necessary;
- Conduct interviews with employees in the area to gather potentially relevant information on the reported hazard;
- Review any documentation associated with the hazard (records, reports, procedures, inspections, technical documents, etc.);
- Contact other departments that may have association with or technical knowledge relevant to the reported hazard;
- Review any past reported hazards of a similar nature; and
- Evaluate tasks and/or processes associated with the reported hazard.

LAVTA's Chief Safety Officer will then prepare an agenda to discuss identified hazards and consequences with the Safety Committee during bimonthly meetings. This agenda may include additional background on the hazards and consequences, such as the results of trend analyses, vehicle camera footage, vendor documentation, reports and observations, or information supplied by FTA or other oversight authorities.

Any identified hazard that poses a real and immediate threat to life, property, or the environment must immediately be brought to the attention of the Accountable Executive and addressed through the SRM

process (with or without the full Safety Committee) for safety risk assessment and mitigation. This means that the Chief Safety Officer believes immediate intervention is necessary to preserve life, prevent major property destruction, or avoid harm to the environment that would constitute a violation of Environmental Protection Agency or California environmental protection standards. Otherwise, the Safety Committee will prioritize hazards for further SRM activity.

Safety Risk Assessment

LAVTA assesses safety risk associated with identified safety hazards using its safety risk assessment process. This includes an assessment of the likelihood and severity of the consequences of hazards, including existing mitigations, and prioritizing hazards based on safety risk.

The Chief Safety Officer and Safety Committee (LAVTA/contractor) assess prioritized hazards using LAVTA's Safety Risk Matrix (Exhibit 5) and review the assessments and mitigation in the bimonthly meetings. This matrix expresses assessed risk as a combination of one severity category and one likelihood level, also referred to as a *hazard rating*. For example, a risk may be assessed as "1A" or the combination of a Catastrophic (1) severity category and a Frequent (A) probability level.

This matrix also categorizes combined risks into levels, High, Medium, or Low, based on the likelihood of occurrence and severity of the outcome. For purposes of accepting risk:

- "High" hazard ratings will be considered unacceptable and require action from LAVTA to mitigate the safety risk,
- "Medium" hazard ratings will be considered undesirable and require LAVTA's Safety Committee to make a decision regarding their acceptability, and
- "Low" hazard ratings may be accepted by the Chief Safety Officer without additional review.

Using a categorization of High, Medium, or Low allows for hazards to be prioritized for mitigation based on their associated safety risk.

The Chief Safety Officer schedules safety risk assessment activities on the Safety Committee agenda and prepares a Safety Risk Assessment Package. This package is distributed at least one week in advance of the Safety Committee meeting. During the meeting, the Chief Safety Officer reviews the hazard and its consequence(s) and reviews available information distributed in the Safety Risk Assessment Package on severity and likelihood. The Chief Safety Officer may request support from members of the Safety Committee in obtaining additional information to support the safety risk assessment.

Once sufficient information has been obtained, the Chief Safety Officer will facilitate completion of relevant sections of the Safety Risk Register, using the LAVTA Safety Risk Assessment Matrix, with the Safety Committee. The Chief Safety Officer will document the Safety Committee's safety risk assessment, including hazard rating and mitigation options for each assessed safety hazard in the Safety Risk Register. The Chief Safety Officer will maintain on file Safety Committee agendas, Safety Risk Assessment Packages, additional information collection, and completed Safety Risk Register sections for a period of three years from the date of generation.

Safety Risk Mitigation

LAVTA's Accountable Executive and Chief Safety Officer review current methods of safety risk mitigation and establish methods or procedures to mitigate or eliminate safety risk associated with specific hazards based on recommendations from the Safety Committee (after contractors have gone through their SRM processes documented in Exhibits 3 and 4). LAVTA can reduce safety risk by reducing the likelihood

and/or severity of potential consequences of hazards.

Prioritization of safety risk mitigations is based on the results of safety risk assessments. LAVTA's Chief Safety Officer tracks and updates safety risk mitigation information in the Safety Risk Register and makes the Register available to the Safety Committee and LAVTA staff upon request.

In the Safety Risk Register, LAVTA's Chief Safety Officer will also document any specific measures or activities, such as reviews, observations, or audits, that will be conducted to monitor the effectiveness of mitigations once implemented.

6. Safety Assurance

Through our Safety Assurance process, LAVTA and contractors:

- Evaluate our compliance with operations and maintenance procedures to determine whether our existing rules and procedures are sufficient to control our safety risk;
- Assess the effectiveness of safety risk mitigations to make sure the mitigations are appropriate and are implemented as intended;
- Investigate safety events to identify causal factors; and
- Analyze information from safety reporting, including data about safety failures, defects, or conditions.

Safety Performance Monitoring and Measurement

(Activities used to monitor the system for compliance with procedures for operations and maintenance)

LAVTA has many processes in place to monitor its entire transit system (including contractors) for compliance with operations and maintenance procedures on a quarterly and annual basis and as needed, including:

- Safety audits,
- Informal inspections,
- Regular review of onboard camera footage to assess drivers and specific incidents,
- Safety surveys,
- ESRP,
- Investigation of safety occurrences,
- Safety review prior to the launch or modification of any facet of service,
- Daily data gathering and monitoring of data related to the delivery of service, and
- Regular vehicle inspections and preventative maintenance.

These activities are mirrored by the contractors and outlined in Exhibits 3 and 4. Results from the above processes from both contractors and internal staff are compared against recent performance trends quarterly and annually by the Chief Safety Officer to determine where action needs to be taken. The Chief Safety Officer enters any identified non-compliant or ineffective activities, including mitigations, back into the SRM process for reevaluation by the Safety Committee (LAVTA/contractor).

(Activities used to monitor operations to identify any safety risk mitigations that may be ineffective, inappropriate, or were not implemented as intended).

LAVTA monitors safety risk mitigations to determine if they have been implemented and are effective, appropriate, and working as intended. Contractors will monitor these (per Exhibits 3 and 4) and report back to LAVTA and the Safety Committee (LAVTA/contractor). The Chief Safety Officer maintains a list of safety risk mitigations in the Safety Risk Register. The mechanism for monitoring safety risk mitigations varies depending on the mitigation.

The Chief Safety Officer establishes one or more mechanisms for monitoring safety risk mitigations as part of the mitigation implementation process and assigns monitoring activities to the appropriate director,

manager, or supervisor. These monitoring mechanisms may include tracking a specific metric on daily, weekly, or monthly logs or reports; conducting job performance observations; or other activities. The Chief Safety Officer will endeavor to make use of existing LAVTA processes and activities before assigning new information collection activities.

LAVTA's Chief Safety Officer and Safety Committee (LAVTA/contractor) review the performance of individual safety risk mitigations during bimonthly Safety Committee meetings, based on the reporting schedule determined for each mitigation, and determine if a specific safety risk mitigation is not implemented or performing as intended. If the mitigation is not implemented or performing as intended, the Safety Committee will propose a course of action to modify the mitigation or take other action to manage the safety risk. Additionally, the system itself is being evaluated to ensure its effectiveness. The Chief Safety Officer will approve or modify this proposed course of action and oversee its execution.

LAVTA's Chief Safety Officer and Safety Committee also monitor LAVTA's operations on a large scale to identify mitigations that may be ineffective, inappropriate, or not implemented as intended by:

- Reviewing results from accident, incident, and occurrence investigations;
- Monitoring employee safety reporting;
- Reviewing results of internal safety audits and inspections; and
- Analyzing operational and safety data to identify emerging safety concerns.

The Chief Safety Officer works with the Safety Committee and Accountable Executive to carry out and document all monitoring activities.

(Activities used to conduct investigations of safety events to identify causal and latent factors).

LAVTA maintains documented procedures for conducting safety investigations of events (accidents, incidents, and occurrences, as defined by FTA) to find causal and contributing factors and review the existing mitigations in place at the time of the event (see Safety Event Investigation Procedures Manual, Exhibit 6). These procedures also reflect all traffic safety reporting and investigation requirements established by California Department of Motor Vehicles.

The Chief Safety Officer maintains all documentation of LAVTA's and the contractors' investigation policies, processes, forms, checklists, activities, and results. Investigation reports are prepared and shared with the Safety Committee (LAVTA/contractor) for integration into their analysis of the event.

The Safety Committee determines whether:

- The accident was preventable or non-preventable;
- Personnel require discipline or retraining;
- Latent factor(s) (beyond human factors such as errors, violations, the condition of an individual, or lack of communication or coordination between individuals, equipment and infrastructure failures in vehicles or technological components, organizational or environmental elements, or elements outside of the agency's control) contributed to the safety event;
- The causal factor(s) indicate(s) that a safety hazard contributed to or was present during the event;
- There are larger factors outside the control of the agency; and
- The accident appears to involve underlying organizational causal factors beyond just individual employee behavior, such as management elements, and agency/contractor policies and procedures.

(Activities used to monitor information reported through internal safety reporting programs).

The Chief Safety Officer and Safety Committee (LAVTA/contractor) routinely (bimonthly meetings) review safety data captured in employee safety reports, safety meeting minutes, customer complaints, and other safety communication channels. When necessary, the Chief Safety Officer and Safety Committee ensure that the concerns are investigated or analyzed through LAVTA's SRM process.

The Chief Safety Officer and Safety Committee also review internal and external reviews, including audits and assessments, with findings concerning LAVTA's safety performance, compliance with operations and maintenance procedures, or the effectiveness of safety risk mitigations.

7. Safety Promotion

Competencies and Training

(The safety training program is relayed and promoted to all agency employees and contractors directly responsible for safety)

LAVTA's comprehensive safety training program applies to all LAVTA employees and contractors directly responsible for safety, including:

- Bus vehicle operators,
- Dispatchers,
- Maintenance technicians,
- Managers and supervisors,
- Agency Leadership and Executive Management, and
- Chief Safety Officer and Accountable Executive.

LAVTA dedicates resources to conduct a comprehensive safety training program, as well as training on SMS roles and responsibilities. The scope of the safety training, including annual refresher training, is appropriate to each employee's individual safety-related job responsibilities and their role in the SMS. Contractors are required to conduct trainings and report status updates to LAVTA's Chief Safety Officer.

Basic training requirements for any employee or contractor operating LAVTA services, including frequencies and refresher training, are documented in the LAVTA Employee Handbook (Exhibit 7), MV Employee Handbook (Exhibit 8), Operator Requirements and Training Program (Exhibit 9) and/or Maintenance Safety Handbook (Exhibit 10).

Operations safety-related skill training (contractor) includes the following:

- New-hire bus vehicle operator classroom and hands-on skill training,
- Bus vehicle operator refresher training,
- Bus vehicle operator retraining (recertification or return to work),
- Classroom and on-the-job training for dispatchers,
- Classroom and on-the-job training for operations supervisors and managers, and
- Accident investigation training for operations supervisors and managers.

Vehicle maintenance safety-related skill training (contractor) includes the following:

- Ongoing vehicle maintenance technician skill training,
- Ongoing skill training for vehicle maintenance supervisors,
- Accident investigation training for vehicle maintenance supervisors,
- Ongoing hazardous material training for vehicle maintenance technicians and supervisors, and
- Training provided by vendors.

LAVTA's Accountable Executive and Agency Leadership and Contractor Management staff must complete FTA's SMS Awareness online training and an executive session on safety management sponsored by LAVTA's transit insurance pool.

Safety Communication

(The processes and activities by which safety and safety performance information is communicated throughout the organization and to contractors)

LAVTA's Chief Safety Officer and Director of Finance (providing the human resources function) coordinate LAVTA's safety communication activities for the SMS. Contractors will, at a minimum, mirror LAVTA's frequency with which safety updates and performance information is communicated to employees and/or as required contractually at monthly meetings and report back to the Chief Safety Officer. LAVTA may also inquire and poll employee and contractor staff to ensure their awareness of the latest safety information shared. These activities focus on the three categories of communication activity established in 49 CFR Part 673:

- **Communicating safety and safety performance information throughout the agency:** LAVTA communicates information on safety and safety performance during monthly All-Staff Meetings. LAVTA also has a permanent agenda item in all monthly Drivers' Meetings (contractor) dedicated to safety. Information typically conveyed during these meetings includes safety performance statistics, lessons learned from recent occurrences, upcoming events that may impact LAVTA's service or safety performance, and updates regarding SMS implementation. LAVTA also requests information from drivers during these meetings, which is recorded in meeting minutes. Finally, LAVTA's Director of Finance, who oversees human resources, posts safety bulletins and flyers on the bulletin boards located in all bus operator and maintenance technician break rooms (contractor areas), advertising safety messages and promoting awareness of safety issues.
- **Communicating information on hazards and safety risks relevant to employees' roles and responsibilities throughout the agency:** As part of new-hire training, LAVTA distributes safety policies and procedures, included in the LAVTA Employee Handbook, to all employees. LAVTA and contractors provide training on these policies and procedures and discuss them during safety talks between supervisors and bus operators and vehicle technicians. Contractors will also communicate their own safety information and trainings as outlined in Exhibits 3, 4, 8, and 9 to staff. For newly emerging issues or safety events at the agency, LAVTA's Chief Safety Officer issues bulletins or messages to employees that are reinforced by supervisors in one-on-one or group discussions with employees. Contractors communicate this information to their employees, log, and report back to the Safety Committee (LAVTA/contractor).
- **Informing employees of safety actions taken in response to reports submitted through the ESRP:** LAVTA provides targeted communications to inform employees of safety actions taken in response to reports submitted through the ESRP, including handouts and flyers, safety talks, updates to bulletin boards, and one-on-one discussions between employees and supervisors. This information is also relayed to contractors so they can pass it on to their staff.

8. Additional Information

Supporting Documentation

(Used to implement and carry out the PTASP that are not included elsewhere in this document)

LAVTA will maintain documentation related to the implementation of its SMS; the programs, policies, and procedures used to carry out this PTASP; and the results from its SMS processes and activities for three years after creation. Please also see accompanying Exhibits. They will be available to the FTA or other Federal or oversight entity upon request.

9. Definitions of Terms Used in the Safety Plan

LAVTA incorporates all of FTA's definitions that are in 49 CFR § 673.5 of the Public Transportation Agency Safety Plan regulation.

- **Accident** means an Event that involves any of the following: A loss of life; a report of a serious injury to a person; a collision of public transportation vehicles; a runaway train; an evacuation for life safety reasons; or any derailment of a rail transit vehicle, at any location, at any time, whatever the cause.
- **Accountable Executive** means a single, identifiable person who has ultimate responsibility for carrying out the Public Transportation Agency Safety Plan of a public transportation agency; responsibility for carrying out the agency's Transit Asset Management Plan; and control or direction over the human and capital resources needed to develop and maintain both the agency's Public Transportation Agency Safety Plan, in accordance with 49 U.S.C. 5329(d), and the agency's Transit Asset Management Plan, in accordance with 49 U.S.C. 5326.
- **Equivalent Authority** means an entity that carries out duties similar to that of a Board of Directors for a recipient or subrecipient of FTA funds under 49 U.S.C. Chapter 53, including sufficient authority to review and approve a recipient or subrecipient's Public Transportation Agency Safety Plan.
- **Event** means any Accident, Incident, or Occurrence.
- **Hazard** means any real or potential condition that can cause injury, illness, or death; damage to or loss of the facilities, equipment, rolling stock, or infrastructure of a public transportation system; or damage to the environment.
- **Incident** means an event that involves any of the following: a personal injury that is not a serious injury; one or more injuries requiring medical transport; or damage to facilities, equipment, rolling stock, or infrastructure that disrupts the operations of a transit agency.
- **Investigation** means the process of determining the causal and contributing factors of an accident, incident, or hazard, for the purpose of preventing recurrence and mitigating risk.
- **National Public Transportation Safety Plan** means the plan to improve the safety of all public transportation systems that receive Federal financial assistance under 49 U.S.C. Chapter 53.
- **Occurrence** means an Event without any personal injury in which any damage to facilities, equipment, rolling stock, or infrastructure does not disrupt the operations of a transit agency.
- **Operator** of a public transportation system means a provider of public transportation as defined under 49 U.S.C. 5302.
- **Performance measure** means an expression based on a quantifiable indicator of performance or condition that is used to establish targets and to assess progress toward meeting the established targets.
- **Performance target** means a quantifiable level of performance or condition, expressed as a value for the measure, to be achieved within a time period required by

the FTA.

- **Public Transportation Agency Safety Plan** means the documented comprehensive Agency Safety Plan for a transit agency that is required by 49 U.S.C. 5329 and Part 673.
- **Risk** means the composite of predicted severity and likelihood of the potential effect of a hazard.
- **Risk mitigation** means a method or methods to eliminate or reduce the effects of hazards.
- **Safety Assurance** means processes within a transit agency's Safety Management System that function to ensure the implementation and effectiveness of safety risk mitigation, and to ensure that the transit agency meets or exceeds its safety objectives through the collection, analysis, and assessment of information.
- **Safety Management Policy** means a transit agency's documented commitment to safety, which defines the transit agency's safety objectives and the accountabilities and responsibilities of its employees in regard to safety.
- **Safety Management System** means the formal, top-down, organization-wide approach to managing safety risk and assuring the effectiveness of a transit agency's safety risk mitigation. SMS includes systematic procedures, practices, and policies for managing risks and hazards.
- **Safety performance target** means a performance target related to safety management activities.
- **Safety Promotion** means a combination of training and communication of safety information to support SMS as applied to the transit agency's public transportation system.
- **Safety risk assessment** means the formal activity whereby a transit agency determines Safety Risk Management priorities by establishing the significance or value of its safety risks.
- **Safety Risk Management** means a process within a transit agency's Agency Safety Plan for identifying hazards and analyzing, assessing, and mitigating safety risk.
- **Serious injury** means any injury which: (1) Requires hospitalization for more than 48 hours, commencing within 7 days from the date when the injury was received; (2) Results in a fracture of any bone (except simple fractures of fingers, toes, or noses); (3) Causes severe hemorrhages, nerve, muscle, or tendon damage; (4) Involves any internal organ; or (5) Involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.
- **Transit agency** means an operator of a public transportation system.
- **Transit Asset Management Plan** means the strategic and systematic practice of procuring, operating, inspecting, maintaining, rehabilitating, and replacing transit capital assets to manage their performance, risks, and costs over their life cycles, for the purpose of providing safe, cost- effective, and reliable public transportation, as required by 49 U.S.C. 5326 and 49 CFR Part 625.

10. Commonly Used Acronyms

Acronym	Word or Phase
ADA	American's with Disabilities Act of 1990
PTASP	Public Transportation Agency Safety Plan (Part 673)
CFR	Code of Federal Regulations
ESRP	Employee Safety Reporting Program
FTA	Federal Transit Administration
LAVTA	Livermore Amador Valley Transit Authority
MPO	Metropolitan Planning Organization
Part 673	49 CFR Part 673 (Public Transportation Agency Safety Plan)
SMS	Safety Management System
SRM	Safety Risk Management
U.S.C.	United States Code
VRM	Vehicle Revenue Miles

11. Commonly Used Acronyms

I acknowledge that I have received a copy of LAVTA's Safety Management Policy and that LAVTA's Public Transportation Agency Safety Plan and its purpose, benefits, procedures, and details of the Employee Safety Reporting Program (ESRP) have been relayed to me. I understand and agree that it is my responsibility to read and familiarize myself with the content contained in the Agency Safety Plan, and that any and all policies or practices can be changed at any time by LAVTA.

I understand that I may report hazards and safety concerns anonymously to maintain confidentiality, and that the ESRP is non-punitive and I will not be disciplined for the act of reporting a Hazard or Near Miss, unless such disclosure indicates, beyond any reasonable doubt, an illegal act, gross negligence, or a deliberate or willful disregard of regulations or procedures.

Employee's Signature _____

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Livermore Amador Valley **TRANSIT AUTHORITY**



Safety Management System (SMS) Plan

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1. Safety Management Policy

Safety is a core value at LAVTA, and managing safety is a core business function. We will develop, implement, maintain, and continuously improve processes to ensure the safety of our customers, employees, and the public.

Responsibility/Accountability:

LAVTA's Safety Management Policy applies to employees (including contracted) and to every aspect of LAVTA's activities. A positive safety culture includes ownership by all employees to identify and correct any deficiencies at all levels.

LAVTA is committed to the following safety objectives:

- Communicating the purpose and benefits of the Safety Management System (SMS) to all staff, managers, supervisors, employees, and service contractors.
- Providing a culture of open reporting of all safety concerns, ensuring that no action will be taken against any employee who discloses a safety concern through LAVTA's Employee Safety Reporting Program (ESRP), unless such disclosure indicates, beyond any reasonable doubt, an illegal act, gross negligence, or a deliberate or willful disregard of regulations or procedures.
- Providing appropriate management involvement and the necessary resources to establish an effective ESRP that will encourage employees to communicate and report any unsafe work conditions, hazards, or at-risk behavior to the management team.
- Identifying hazardous and unsafe work conditions and analyzing data from the ESRP. (After thoroughly analyzing provided data, the transit operations division will develop processes and procedures to mitigate safety risk to an acceptable level.)
- Establishing safety performance targets that are realistic, measurable, and data driven. Continually improving our safety performance through management processes that ensure appropriate safety management action is taken and is effective.

Working proactively towards identifying and reducing the existence of hazards and risks in the workplace and our system, LAVTA implemented a Safety Management System (SMS) to prevent accidents, reduce risk of injury, and minimize damage to property and equipment.

As the Accountable Executive for all operations and activities, I will ensure that resources are available to ensure our SMS is robust and successful. LAVTA executives, employees, and contractors will take steps to prevent workplace incidents and injuries, provide support of safety initiatives, and encourage employee communication in order to achieve a safer, healthier workplace. I hold executives, employees, and contractors accountable for safety performance.

The SMS is managed under my authority by the Chief Safety Officer who reports directly to me. All levels of management and employees are accountable for the delivery of the highest level of safety performance, starting with the Executive Director/CEO.



Michael Tree, LAVTA Executive Director and Accountable Executive

Safety Management Policy Communication*(How the safety management policy is communicated throughout LAVTA and to contractors)*

The Chief Safety Officer, who leads LAVTA's SMS activities, introduced staff to SMS principles in December 2020. The Safety Management Policy Statement was distributed to employees and contractor staff as well as posted on bulletin boards at headquarters and in the operations and maintenance break areas of the operating division (on-site contractor areas). LAVTA has incorporated review and distribution of the Safety Management Policy into new-hire and all-staff annual refresher trainings, and Safety Committee meetings with internal and contractor staff.

Authorities, Accountabilities, and Responsibilities*(For the development and management of the SMS)***Accountable Executive**

The Executive Director serves as LAVTA's Accountable Executive with the following authorities, accountabilities, and responsibilities under this plan:

- Controls and directs human and capital resources needed to develop and maintain the PTASP and SMS.
- Designates an adequately trained Chief Safety Officer who is a direct report.
- Ensures that LAVTA's SMS is effectively implemented.
- Ensures action is taken to address substandard performance in LAVTA's SMS.
- Assumes ultimate responsibility for carrying out LAVTA's PTASP and SMS.
- Maintains responsibility for carrying out the agency's Transit Asset Management Plan.

**Chief Safety Officer or
SMS Executive**

The Accountable Executive designates the Director of Operations and Innovation as LAVTA's Chief Safety Officer. The Chief Safety Officer has the following authorities, accountabilities, and responsibilities under this plan:

- Develops LAVTA's PTASP and SMS policies and procedures.
- Ensures and oversees day-to-day implementation and operation of LAVTA's SMS for both agency and contractors.
- Manages LAVTA's ESRP.
- Chairs the LAVTA Safety Committee and
 - Coordinates the activities of the committee;
 - Establishes and maintains LAVTA's Safety Risk Register and Safety Event Log to monitor and analyze trends in hazards, occurrences, incidents, and accidents; and
 - Maintains and distributes minutes of committee meetings.
- Advises the Accountable Executive on SMS progress and status.
- Identifies any substandard performance in LAVTA's SMS and develops action plans for approval by the Accountable Executive.
- Ensures LAVTA policies are consistent with LAVTA's safety objectives.
- Provides Safety Risk Management (SRM) expertise and support for other LAVTA personnel who conduct and oversee Safety Assurance activities.

<p>Agency Executive Leadership and Contractor Management Staff</p>	<p>LAVTA Executive Leadership and Contractor Management Staff also have authorities and responsibilities for day-to-day SMS implementation and operation of LAVTA's SMS under this plan. LAVTA Executive Leadership and Contractor Management Staff include:</p> <ul style="list-style-type: none"> • Director of Planning and Marketing (LAVTA), • Director of Finance, Human Resources and Procurement (LAVTA), • Operations/Safety/Maintenance managers and supervisors (contractor) <p>LAVTA Executive Leadership and Contractor Management personnel have the following authorities, accountabilities, and responsibilities:</p> <ul style="list-style-type: none"> • Participate as members of LAVTA's Safety Committee (operations and maintenance staff will be rotated through the Safety Committee while other positions are permanent members). • Complete training on SMS and LAVTA's PTASP elements. • Oversee day-to-day operations of the SMS in their departments. • Modify policies in their departments consistent with implementation of the SMS, as necessary. • Provide subject matter expertise to support implementation of the SMS as requested by the Accountable Executive or the Chief Safety Officer, including SRM activities, investigation of safety events, development of safety risk mitigations, and monitoring of mitigation effectiveness.
<p>Key Staff and Activities</p>	<p>LAVTA uses the Safety Committee, as well as the monthly Drivers' Meeting and quarterly All-Staff Meeting, to support its SMS and safety programs, which includes active participation and compliance from contractors:</p> <ul style="list-style-type: none"> • Safety Committee (LAVTA/contractor): Any safety hazards reported will be jointly evaluated by the Safety Committee and the Chief Safety Officer during the bimonthly meeting. The Safety Committee members include the Chief Safety Officer (Director of Operations), Paratransit Planner, and contractor staff (General Manager, Safety Manager, Road Supervisor, Operator, and Mechanic), who will meet to review issues and make recommendations to improve safety. • Drivers' Meetings (contractor): A permanent agenda item in all monthly Drivers' Meetings is dedicated to safety. Safety issues are discussed and documented, and shared with the Safety Committee. • Quarterly All-Staff Meetings (LAVTA): Hazard reports and mitigations will be shared, safety topics will be brought up for open discussion, further feedback solicited, and hazard self-reporting further encouraged. Information discussed in these meetings will be documented.

<p>Contracted Staff Responsibilities</p>	<p>Contractors, at a minimum, are required to provide an equivalent level of safety reporting program standards and objectives as outlined in this policy and also implement a process to allow employees to report safety conditions and concerns to management. They may also have their own enhanced safety protocols for risk mitigation beyond what is required from LAVTA. LAVTA provides regularly scheduled oversight of the contractor's SMS through the described <i>Key Staff and Activities</i> above.</p>
<p>Employee Safety Reporting Program <i>(These are the processes and protections for employees (including contract) to report safety conditions to management)</i></p>	
<p>Our front-line employees are our best source of information for identifying hazards. Nobody knows more about the actual safety performance of the transit system than the employees who deliver the service.</p> <p>The Employee Safety Reporting Program (ESRP) is intended to help the Accountable Executive and other senior managers get important safety information from across the transit agency. It can be an agency's most important source of safety data.</p> <p>There are two types of safety reporting programs: mandatory and voluntary.</p> <ul style="list-style-type: none"> • Mandatory: Employees must report hazards that are compliance-based and address regulatory issues. Employees are required to immediately report every incident and accident. An employee's failure to report or provide truthful information of an unsafe hazard or act could result in disciplinary action. • Voluntary: Employees are strongly encouraged to report hazards and can report anonymously. Every employee is empowered to report any unsafe hazard / risk to their supervisor or senior management without fear of retribution or penalty. <p>Employees will have the option to report anonymously to maintain confidentiality. The ESRP is non-punitive and employees will not be disciplined for the act of reporting the Hazard or Near Miss. However, employees must report hazards that are compliance-based and address regulatory issues. Record falsification, Drug & Alcohol violations, grossly negligent behavior, and failure to report accidents/incidents and serious safety hazards are examples of employee behaviors that may result in disciplinary action.</p> <p>Forms of reporting can include submitting a completed SMS Hazard/Risk Report Form (Exhibit 1) or utilizing a centrally located Safety Suggestion Box in the driver's break room.</p> <p>The Hazard/Risk Report Form shall be completed immediately, so proactive measures can be taken as soon as possible. Depending on the perceived level of risk and severity, the report shall be submitted immediately or by the end of their shift.</p> <p>Input by employees into the ESRP can include safety concern reporting, operational system description, hazard identification, safety deficiencies, risk assessments, potential consequences of hazards, or recommended safety risk mitigations.</p> <p>Examples of reports may include the following:</p> <ul style="list-style-type: none"> • Safety hazards in the operating environment (for example, county road conditions) • Policies and procedures that aren't working as intended (for example, insufficient time to complete 	

pre-trip inspections)

- Events that senior managers might not otherwise know about (for example, near misses)
- Information about why a safety event occurred (for example, radio communication challenges contributed to an incident)

The information we receive through this source will help us resolve the reported hazard and notify the supervisor or senior management of changes that may need to be made to mitigate safety hazards in the future.

The Chief Safety Officer will lead the effort on collection, analysis, resolution, and monitoring of hazards and feedback entered through the ESRP. Safety reports collected by the contractor will be addressed in a timely matter, according to their severity, and shared with the Chief Safety Officer/Director of Operations in regularly scheduled meetings and as needed. The Chief Safety Officer will take the lead on the Safety Risk Management process, with inputs from subject-matter experts in operations and maintenance.

2. Safety Risk Management

Safety Risk Management (SRM) Process

(These are the methods/processes of identifying hazards and their consequences, associated safety risks, and mitigations/strategies to address these things once they've been assessed)

LAVTA uses the SRM process as a primary method to ensure the safety of our operations, passengers, employees, vehicles, and facilities. It is a process whereby hazards and their consequences are identified, assessed for potential safety risk, and resolved in a manner acceptable to LAVTA's leadership. LAVTA's SRM process allows us to carefully examine what could cause harm and determine whether we have taken sufficient precautions to minimize the harm, or if further mitigations are necessary. Our fixed route contractor's SRM process is documented in Exhibit 2. Our paratransit contractor's SRM process is documented in Exhibit 3.

LAVTA's Chief Safety Officer leads LAVTA's SRM process, working with LAVTA's Safety Committee (includes contractors; through regularly scheduled meetings listed in Section 4) to identify hazards and consequences, assess safety risk of potential consequences, and mitigate safety risk. The results of LAVTA's SRM process will be documented in our Safety Risk Register and referenced materials.

LAVTA's SRM process applies to all elements of our system including our operations, maintenance, facilities, vehicles, personnel recruitment, training, and supervision.

In carrying out the SRM process, LAVTA uses the following terms:

- **Event** – Any accident, incident, or occurrence.
- **Hazard** – Any real or potential condition that can cause injury, illness, or death; damage to or loss of the facilities, equipment, rolling stock, or infrastructure belonging to LAVTA; or damage to the environment.
- **Risk** – Composite of predicted severity and likelihood of the potential effect of a hazard.
- **Risk Mitigation** – Method(s) to eliminate or reduce the effects of hazards.
- **Consequence** – An effect of a hazard involving injury, illness, death, or damage to LAVTA property or the environment.

Safety Hazard Identification

The safety hazard identification process offers LAVTA and its contractors the ability to identify hazards and potential consequences in the operation and maintenance of our system. Hazards can be identified through a variety of sources, including:

- ESRP;
- Review of vehicle camera footage;
- Review of monthly performance data and safety performance targets;

- Observations from supervisors (contractor);
- Maintenance reports (contractor);
- Comments from customers, passengers, and third parties, including LAVTA's transit insurance pool and vendors;
- Safety Committee, Drivers', and All-Staff Meetings (LAVTA/contractor);
- Results of audits and inspections of vehicles and facilities;
- Results of training assessments;
- Investigations into safety events, incidents, and occurrences; and
- Federal Transit Administration (FTA) and other oversight authorities (mandatory information source).

When a safety concern is observed by LAVTA's management or supervisory personnel or contractor management staff, whatever the source, it is reported to LAVTA's Chief Safety Officer. Procedures for reporting hazards to LAVTA's Chief Safety Officer are reviewed during All-Staff Meetings and in the Safety Committee meetings. LAVTA's Chief Safety Officer also receives employee reports from the ESRP, customer comments related to safety, and the dispatch daily Operations Log. LAVTA's Chief Safety Officer reviews these sources for hazards and documents them in LAVTA's Safety Risk Register.

LAVTA's Chief Safety Officer also may enter hazards into the Safety Risk Register based on their review of LAVTA's operations and maintenance, the results of audits and observations, and information received from FTA and other oversight authorities, as well as the National Transportation Safety Board.

LAVTA's Chief Safety Officer may conduct further analyses of hazards and consequences entered into the Safety Risk Register to collect information and identify additional consequences and to inform which hazards should be prioritized for safety risk assessment. In following up on identified hazards, LAVTA's Chief Safety Officer may:

- Reach out to the reporting party, if available, to gather all known information about the reported hazard;
- Conduct a walkthrough of the affected area, assessing the possible hazardous condition, generating visual documentation (photographs and/or video), and taking any measurements deemed necessary;
- Conduct interviews with employees in the area to gather potentially relevant information on the reported hazard;
- Review any documentation associated with the hazard (records, reports, procedures, inspections, technical documents, etc.);
- Contact other departments that may have association with or technical knowledge relevant to the reported hazard;
- Review any past reported hazards of a similar nature; and
- Evaluate tasks and/or processes associated with the reported hazard.

LAVTA's Chief Safety Officer will then prepare an agenda to discuss identified hazards and consequences with the Safety Committee during bimonthly meetings. This agenda may include additional background on the hazards and consequences, such as the results of trend analyses, vehicle camera footage, vendor documentation, reports and observations, or information supplied by FTA or other oversight authorities.

Any identified hazard that poses a real and immediate threat to life, property, or the environment must immediately be brought to the attention of the Accountable Executive and addressed through the SRM

process (with or without the full Safety Committee) for safety risk assessment and mitigation. This means that the Chief Safety Officer believes immediate intervention is necessary to preserve life, prevent major property destruction, or avoid harm to the environment that would constitute a violation of Environmental Protection Agency or California environmental protection standards. Otherwise, the Safety Committee will prioritize hazards for further SRM activity.

Safety Risk Assessment

LAVTA assesses safety risk associated with identified safety hazards using its safety risk assessment process. This includes an assessment of the likelihood and severity of the consequences of hazards, including existing mitigations, and prioritizing hazards based on safety risk.

The Chief Safety Officer and Safety Committee (LAVTA/contractor) assess prioritized hazards using LAVTA's Safety Risk Matrix (Exhibit 4) and review the assessments and mitigation in the monthly and quarterly meetings. This matrix expresses assessed risk as a combination of one severity category and one likelihood level, also referred to as a *hazard rating*. For example, a risk may be assessed as "1A" or the combination of a Catastrophic (1) severity category and a Frequent (A) probability level.

This matrix also categorizes combined risks into levels, High, Medium, or Low, based on the likelihood of occurrence and severity of the outcome. For purposes of accepting risk:

- "High" hazard ratings will be considered unacceptable and require action from LAVTA to mitigate the safety risk,
- "Medium" hazard ratings will be considered undesirable and require LAVTA's Safety Committee to make a decision regarding their acceptability, and
- "Low" hazard ratings may be accepted by the Chief Safety Officer without additional review.

Using a categorization of High, Medium, or Low allows for hazards to be prioritized for mitigation based on their associated safety risk.

The Chief Safety Officer schedules safety risk assessment activities on the Safety Committee agenda and prepares a Safety Risk Assessment Package. This package is distributed at least one week in advance of the Safety Committee meeting. During the meeting, the Chief Safety Officer reviews the hazard and its consequence(s) and reviews available information distributed in the Safety Risk Assessment Package on severity and likelihood. The Chief Safety Officer may request support from members of the Safety Committee in obtaining additional information to support the safety risk assessment.

Once sufficient information has been obtained, the Chief Safety Officer will facilitate completion of relevant sections of the Safety Risk Register, using the LAVTA Safety Risk Assessment Matrix, with the Safety Committee. The Chief Safety Officer will document the Safety Committee's safety risk assessment, including hazard rating and mitigation options for each assessed safety hazard in the Safety Risk Register. The Chief Safety Officer will maintain on file Safety Committee agendas, Safety Risk Assessment Packages, additional information collection, and completed Safety Risk Register sections for a period of three years from the date of generation.

Safety Risk Mitigation

LAVTA's Accountable Executive and Chief Safety Officer review current methods of safety risk mitigation and establish methods or procedures to mitigate or eliminate safety risk associated with specific hazards based on recommendations from the Safety Committee (after contractors have gone through their SRM processes documented in Exhibits 2 and 3). LAVTA can reduce safety risk by reducing the likelihood

and/or severity of potential consequences of hazards.

Prioritization of safety risk mitigations is based on the results of safety risk assessments. LAVTA's Chief Safety Officer tracks and updates safety risk mitigation information in the Safety Risk Register and makes the Register available to the Safety Committee during bimonthly meetings and to LAVTA staff upon request.

In the Safety Risk Register, LAVTA's Chief Safety Officer will also document any specific measures or activities, such as reviews, observations, or audits, that will be conducted to monitor the effectiveness of mitigations once implemented.

3. Safety Assurance

Through our Safety Assurance process, LAVTA and contractors:

- Evaluate our compliance with operations and maintenance procedures to determine whether our existing rules and procedures are sufficient to control our safety risk;
- Assess the effectiveness of safety risk mitigations to make sure the mitigations are appropriate and are implemented as intended;
- Investigate safety events to identify causal factors; and
- Analyze information from safety reporting, including data about safety failures, defects, or conditions.

Safety Performance Monitoring and Measurement

(Activities used to monitor the system for compliance with procedures for operations and maintenance)

LAVTA has many processes in place to monitor its entire transit system (including contractors) for compliance with operations and maintenance procedures on a quarterly and annual basis and as needed, including:

- Safety audits,
- Informal inspections,
- Regular review of onboard camera footage to assess drivers and specific incidents,
- Safety surveys,
- ESRP,
- Investigation of safety occurrences,
- Safety review prior to the launch or modification of any facet of service,
- Daily data gathering and monitoring of data related to the delivery of service, and
- Regular vehicle inspections and preventative maintenance.

These activities are mirrored by the contractors and outlined in Exhibits 2 and 3. Results from the above processes from both contractors and internal staff are compared against recent performance trends quarterly and annually by the Chief Safety Officer to determine where action needs to be taken. The Chief Safety Officer enters any identified non-compliant or ineffective activities, including mitigations, back into the SRM process for reevaluation by the Safety Committee (LAVTA/contractor).

(Activities used to monitor operations to identify any safety risk mitigations that may be ineffective, inappropriate, or were not implemented as intended).

LAVTA monitors safety risk mitigations to determine if they have been implemented and are effective, appropriate, and working as intended. Contractors will monitor these (per Exhibits 2 and 3) and report back to LAVTA and the Safety Committee (LAVTA/contractor). The Chief Safety Officer maintains a list of safety risk mitigations in the Safety Risk Register. The mechanism for monitoring safety risk mitigations varies depending on the mitigation.

The Chief Safety Officer establishes one or more mechanisms for monitoring safety risk mitigations as part of the mitigation implementation process and assigns monitoring activities to the appropriate director,

manager, or supervisor. These monitoring mechanisms may include tracking a specific metric on daily, weekly, or monthly logs or reports; conducting job performance observations; or other activities. The Chief Safety Officer will endeavor to make use of existing LAVTA processes and activities before assigning new information collection activities.

LAVTA's Chief Safety Officer and Safety Committee (LAVTA/contractor) review the performance of individual safety risk mitigations during bimonthly Safety Committee meetings, based on the reporting schedule determined for each mitigation, and determine if a specific safety risk mitigation is not implemented or performing as intended. If the mitigation is not implemented or performing as intended, the Safety Committee will propose a course of action to modify the mitigation or take other action to manage the safety risk. Additionally, the system itself is being evaluated to ensure its effectiveness. The Chief Safety Officer will approve or modify this proposed course of action and oversee its execution.

LAVTA's Chief Safety Officer and Safety Committee also monitor LAVTA's operations on a large scale to identify mitigations that may be ineffective, inappropriate, or not implemented as intended by:

- Reviewing results from accident, incident, and occurrence investigations;
- Monitoring employee safety reporting;
- Reviewing results of internal safety audits and inspections; and
- Analyzing operational and safety data to identify emerging safety concerns.

The Chief Safety Officer works with the Safety Committee and Accountable Executive to carry out and document all monitoring activities.

(Activities used to conduct investigations of safety events to identify causal and latent factors).

LAVTA maintains documented procedures for conducting safety investigations of events (accidents, incidents, and occurrences, as defined by FTA) to find causal and contributing factors and review the existing mitigations in place at the time of the event (see Safety Event Investigation Procedures Manual, Exhibit 5). These procedures also reflect all traffic safety reporting and investigation requirements established by California Department of Motor Vehicles.

The Chief Safety Officer maintains all documentation of LAVTA's and the contractors' investigation policies, processes, forms, checklists, activities, and results. Investigation reports are prepared and shared with the Safety Committee (LAVTA/contractor) for integration into their analysis of the event.

The Safety Committee determines whether:

- The accident was preventable or non-preventable;
- Personnel require discipline or retraining;
- Latent factor(s) (beyond human factors such as errors, violations, the condition of an individual, or lack of communication or coordination between individuals, equipment and infrastructure failures in vehicles or technological components, organizational or environmental elements, or elements outside of the agency's control) contributed to the safety event;
- The causal factor(s) indicate(s) that a safety hazard contributed to or was present during the event;
- There are larger factors outside the control of the agency; and
- The accident appears to involve underlying organizational causal factors beyond just individual employee behavior, such as management elements, and agency/contractor policies and procedures.

(Activities used to monitor information reported through internal safety reporting programs).

The Chief Safety Officer and Safety Committee (LAVTA/contractor) routinely (bimonthly meetings) review safety data captured in employee safety reports, safety meeting minutes, customer complaints, and other safety communication channels. When necessary, the Chief Safety Officer and Safety Committee ensure that the concerns are investigated or analyzed through LAVTA's SRM process.

The Chief Safety Officer and Safety Committee also review internal and external reviews, including audits and assessments, with findings concerning LAVTA's safety performance, compliance with operations and maintenance procedures, or the effectiveness of safety risk mitigations.

4. Safety Promotion

Competencies and Training

(The safety training program is relayed and promoted to all agency employees and contractors directly responsible for safety)

LAVTA's comprehensive safety training program applies to all LAVTA employees and contractors directly responsible for safety, including:

- Bus vehicle operators,
- Dispatchers,
- Maintenance technicians,
- Managers and supervisors,
- Agency Leadership and Executive Management, and
- Chief Safety Officer and Accountable Executive.

LAVTA dedicates resources to conduct a comprehensive safety training program, as well as training on SMS roles and responsibilities. The scope of the safety training, including annual refresher training, is appropriate to each employee's individual safety-related job responsibilities and their role in the SMS. Contractors are required to conduct trainings and report status updates to LAVTA's Chief Safety Officer.

Basic training requirements for any employee or contractor operating LAVTA services, including frequencies and refresher training, are documented in the LAVTA Employee Handbook (Exhibit 6), MV Employee Handbook (Exhibit 7), Operator Requirements and Training Program (Exhibit 8) and/or Maintenance Safety Handbook (Exhibit 9).

Operations safety-related skill training (contractor) includes the following:

- New-hire bus vehicle operator classroom and hands-on skill training,
- Bus vehicle operator refresher training,
- Bus vehicle operator retraining (recertification or return to work),
- Classroom and on-the-job training for dispatchers,
- Classroom and on-the-job training for operations supervisors and managers, and
- Accident investigation training for operations supervisors and managers.

Vehicle maintenance safety-related skill training (contractor) includes the following:

- Ongoing vehicle maintenance technician skill training,
- Ongoing skill training for vehicle maintenance supervisors,
- Accident investigation training for vehicle maintenance supervisors,
- Ongoing hazardous material training for vehicle maintenance technicians and supervisors, and
- Training provided by vendors.

LAVTA's Accountable Executive and Agency Leadership and Contractor Management staff must complete FTA's SMS Awareness online training and an executive session on safety management sponsored by LAVTA's transit insurance pool.


Safety Communication

(The processes and activities by which safety and safety performance information is communicated throughout the organization and to contractors)

LAVTA's Chief Safety Officer and Director of Finance (providing the human resources function) coordinate LAVTA's safety communication activities for the SMS. Contractors will, at a minimum, mirror LAVTA's frequency with which safety updates and performance information is communicated to employees and/or as required contractually at monthly meetings and report back to the Chief Safety Officer. LAVTA may also inquire and poll employee and contractor staff to ensure their awareness of the latest safety information shared. These activities focus on the three categories of communication activity established in 49 CFR Part 673:

- **Communicating safety and safety performance information throughout the agency:** LAVTA communicates information on safety and safety performance in its quarterly newsletter and during quarterly All-Staff Meetings. LAVTA also has a permanent agenda item in all monthly Drivers' Meetings (contractor) dedicated to safety. Information typically conveyed during these meetings includes safety performance statistics, lessons learned from recent occurrences, upcoming events that may impact LAVTA's service or safety performance, and updates regarding SMS implementation. LAVTA also requests information from drivers during these meetings, which is recorded in meeting minutes. Finally, LAVTA's Director of Finance, who oversees human resources, posts safety bulletins and flyers on the bulletin boards located in all bus operator and maintenance technician break rooms (contractor areas), advertising safety messages and promoting awareness of safety issues.
- **Communicating information on hazards and safety risks relevant to employees' roles and responsibilities throughout the agency:** As part of new-hire training, LAVTA distributes safety policies and procedures, included in the LAVTA Employee Handbook, to all employees. LAVTA and contractors provide training on these policies and procedures and discuss them during safety talks between supervisors and bus operators and vehicle technicians. Contractors will also communicate their own safety information and trainings as outlined in Exhibits 2, 3, 7, and 8 to staff. For newly emerging issues or safety events at the agency, LAVTA's Chief Safety Officer issues bulletins or messages to employees that are reinforced by supervisors in one-on-one or group discussions with employees. Contractors communicate this information to their employees, log, and report back to the Safety Committee (LAVTA/contractor).
- **Informing employees of safety actions taken in response to reports submitted through the ESRP:** LAVTA provides targeted communications to inform employees of safety actions taken in response to reports submitted through the ESRP, including handouts and flyers, safety talks, updates to bulletin boards, and one-on-one discussions between employees and supervisors. This information is also relayed to contractors so they can pass it on to their staff.

5. Plan Approval and Updates

Name of Person Who Drafted This Plan	Michael S. Tree, Executive Director	
Signature by the Accountable Executive	Signature of Accountable Executive	Date of Signature
	 Executive Director	10/20/2020
Approval by the Board of Directors	LAVTA Board of Directors	Date of Approval
	Resolution 32-2020	
	Relevant Documentation	
	A copy of LAVTA Resolution 32-2020, approving the Public Transportation Agency Safety Plan (PTASP) and LAVTA's SMS, is maintained on file by the Director of Finance, LAVTA	

Version Number and Updates <i>(History of successive versions of this plan)</i>			
Version Number	Section/Pages Affected	Reason for Change	Date Issued

Annual Review and Update of the Public Transportation Agency Safety Plan <i>(The process and timeline for conducting an annual review and update of the PTASP)</i>
This plan will be jointly reviewed and updated by the Chief Safety Officer and Accountable Executive by July 1 of each year. The Accountable Executive will review and approve any changes, signing the new PTASP, then forward to the LAVTA Board of Directors for review and approval.

6. Definitions of Terms Used in the Safety Plan

LAVTA incorporates all of FTA's definitions that are in 49 CFR § 673.5 of the Public Transportation Agency Safety Plan regulation.

- **Accident** means an Event that involves any of the following: A loss of life; a report of a serious injury to a person; a collision of public transportation vehicles; a runaway train; an evacuation for life safety reasons; or any derailment of a rail transit vehicle, at any location, at any time, whatever the cause.
- **Accountable Executive** means a single, identifiable person who has ultimate responsibility for carrying out the Public Transportation Agency Safety Plan of a public transportation agency; responsibility for carrying out the agency's Transit Asset Management Plan; and control or direction over the human and capital resources needed to develop and maintain both the agency's Public Transportation Agency Safety Plan, in accordance with 49 U.S.C. 5329(d), and the agency's Transit Asset Management Plan, in accordance with 49 U.S.C. 5326.
- **Equivalent Authority** means an entity that carries out duties similar to that of a Board of Directors for a recipient or subrecipient of FTA funds under 49 U.S.C. Chapter 53, including sufficient authority to review and approve a recipient or subrecipient's Public Transportation Agency Safety Plan.
- **Event** means any Accident, Incident, or Occurrence.
- **Hazard** means any real or potential condition that can cause injury, illness, or death; damage to or loss of the facilities, equipment, rolling stock, or infrastructure of a public transportation system; or damage to the environment.
- **Incident** means an event that involves any of the following: a personal injury that is not a serious injury; one or more injuries requiring medical transport; or damage to facilities, equipment, rolling stock, or infrastructure that disrupts the operations of a transit agency.
- **Investigation** means the process of determining the causal and contributing factors of an accident, incident, or hazard, for the purpose of preventing recurrence and mitigating risk.
- **National Public Transportation Safety Plan** means the plan to improve the safety of all public transportation systems that receive Federal financial assistance under 49 U.S.C. Chapter 53.
- **Occurrence** means an Event without any personal injury in which any damage to facilities, equipment, rolling stock, or infrastructure does not disrupt the operations of a transit agency.
- **Operator** of a public transportation system means a provider of public transportation as defined under 49 U.S.C. 5302.
- **Performance measure** means an expression based on a quantifiable indicator of performance or condition that is used to establish targets and to assess progress toward meeting the established targets.
- **Performance target** means a quantifiable level of performance or condition, expressed as a value for the measure, to be achieved within a time period required by the FTA.
- **Public Transportation Agency Safety Plan** means the documented comprehensive Agency Safety Plan for a transit agency that is required by 49 U.S.C. 5329 and Part 673.

- **Risk** means the composite of predicted severity and likelihood of the potential effect of a hazard.
- **Risk mitigation** means a method or methods to eliminate or reduce the effects of hazards.
- **Safety Assurance** means processes within a transit agency's Safety Management System that function to ensure the implementation and effectiveness of safety risk mitigation, and to ensure that the transit agency meets or exceeds its safety objectives through the collection, analysis, and assessment of information.
- **Safety Management Policy** means a transit agency's documented commitment to safety, which defines the transit agency's safety objectives and the accountabilities and responsibilities of its employees in regard to safety.
- **Safety Management System** means the formal, top-down, organization-wide approach to managing safety risk and assuring the effectiveness of a transit agency's safety risk mitigation. SMS includes systematic procedures, practices, and policies for managing risks and hazards.
- **Safety performance target** means a performance target related to safety management activities.
- **Safety Promotion** means a combination of training and communication of safety information to support SMS as applied to the transit agency's public transportation system.
- **Safety risk assessment** means the formal activity whereby a transit agency determines Safety Risk Management priorities by establishing the significance or value of its safety risks.
- **Safety Risk Management** means a process within a transit agency's Agency Safety Plan for identifying hazards and analyzing, assessing, and mitigating safety risk.
- **Serious injury** means any injury which: (1) Requires hospitalization for more than 48 hours, commencing within 7 days from the date when the injury was received; (2) Results in a fracture of any bone (except simple fractures of fingers, toes, or noses); (3) Causes severe hemorrhages, nerve, muscle, or tendon damage; (4) Involves any internal organ; or (5) Involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.
- **Transit agency** means an operator of a public transportation system.
- **Transit Asset Management Plan** means the strategic and systematic practice of procuring, operating, inspecting, maintaining, rehabilitating, and replacing transit capital assets to manage their performance, risks, and costs over their life cycles, for the purpose of providing safe, cost-effective, and reliable public transportation, as required by 49 U.S.C. 5326 and 49 CFR Part 625.

7. Commonly Used Acronyms

Acronym	Word or Phase
ADA	American's with Disabilities Act of 1990
PTASP	Public Transportation Agency Safety Plan (Part 673)
CFR	Code of Federal Regulations
ESRP	Employee Safety Reporting Program
FTA	Federal Transit Administration
LAVTA	Livermore Amador Valley Transit Authority
MPO	Metropolitan Planning Organization
Part 673	49 CFR Part 673 (Public Transportation Agency Safety Plan)
SMS	Safety Management System
SRM	Safety Risk Management
U.S.C.	United States Code
VRM	Vehicle Revenue Miles

Livermore Amador Valley
TRANSIT AUTHORITY



LAVTA SMS Hazard/Risk Report Form

This report concerns:	<input type="checkbox"/> Hazard <input type="checkbox"/> Risk <input type="checkbox"/> Near Miss <input type="checkbox"/> Other			
Hazard Type:	<input type="checkbox"/> Policy/Procedure <input type="checkbox"/> Operational <input type="checkbox"/> Environmental <input type="checkbox"/> Equipment/Design <input type="checkbox"/> Training			
REPORTED BY:	<input type="checkbox"/> Employee <input type="checkbox"/> Customer/Passenger <input type="checkbox"/> Other:		ie: PD or FD	
NAME:		LOCATION:		
Description of Safety Concern:				
PHOTOS:		<input type="checkbox"/> Yes <input type="checkbox"/> No		
Severity Analysis: According to Severity Matrix		<input type="checkbox"/> 1 Catastrophic <input type="checkbox"/> 2 Critical <input type="checkbox"/> 3 Marginal <input type="checkbox"/> 4 Negligible		
Recommended Safety Risk Mitigation:				
Supervisor/Safety Manager Comments/Actions:				
Supervisor/Safety Manager:				

HAZARD PROBABILITY TABLE

Probability Level	Description
A – Frequent	Likely to occur frequently. Continually experienced in the fleet/inventory.
B – Probable	Likely to occur several times in life of an item. Likely to occur frequently in the fleet/inventory.
C – Occasional	Likely to occur sometime in life of an item. Likely to occur several times in the fleet/inventory.
D – Remote	Unlikely, but possible to occur in the life of an item. Reasonably expected in the fleet/inventory.
E – Improbable	So unlikely, occurrence is not expected. Unlikely to occur, but possible in the fleet/inventory.

SEVERITY FACTOR

Severity	Risk Outcome
1 – Catastrophic	Accident: Death/permanent disability Facility: Major property damage, destruction of equipment
2 – Critical	Accident: Permanent partial disability Facility: Extensive equipment damage & supporting systems
3 – Marginal	Accident: Lost days due to injury/illness Facility: Minor damage to equipment
4 – Negligible	Accident: First aid usage or minor medical treatment Facility: Slight equipment or system damage

RISK ASSESSMENT FREQUENCY/
SEVERITY MATRIX

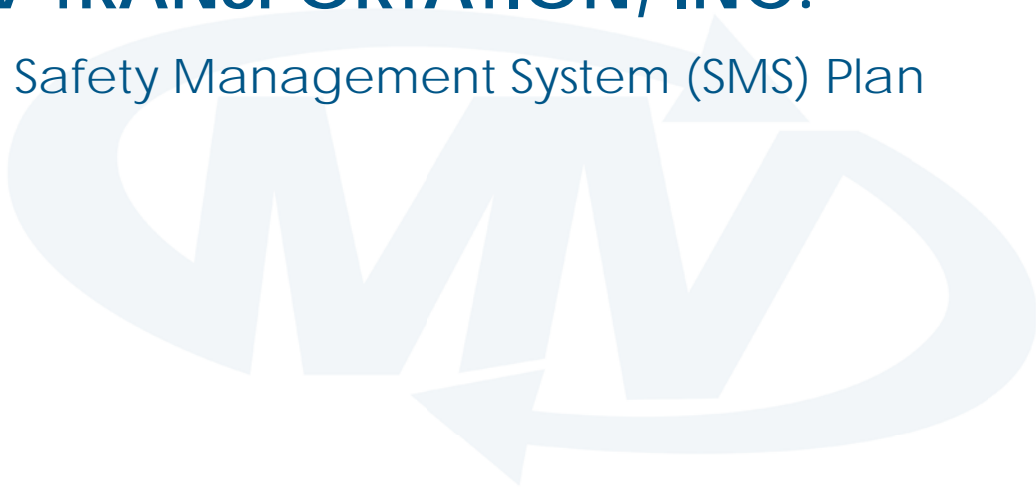
Frequency	Severity			
	1 Catastrophic	2 Critical	3 Marginal	4 Negligible
A – Frequent	1/A	2/A	3/A	4/A
B – Probable	1/B	2/B	3/B	4/B
C – Occasional	1/C	2/C	3/C	4/C
D – Remote	1/D	2/D	3/D	4/D
E – Improbable	1/E	2/E	3/E	4/E

HAZARD RESOLUTION TABLE

Severity / Frequency	Resolution
1/A 1/B 1/C 2/A 2/B 3/A	Unacceptable—correction required.
1/D 2/C 2/D 3/B 3/C	Unacceptable—correction may be required after review by CEO.
1/E 2/E 3/D 3/E 4/A 4/B	Acceptable—with review by CEO.
4/C 4/D 4/E	Acceptable—without review.

MV TRANSPORTATION, INC.

Safety Management System (SMS) Plan



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1. Safety Management Policy

Safety Management System (SMS) Policy Statement

MV Transportation, Inc. is committed to providing the highest level of safety for the public, our employees and contractors. Satisfying our customers' special needs with 100% regulatory compliance and the lowest possible risk is our first operational priority. We will never increase our risk of accident or injury to solve operational problems in the course of providing the *Best Customer Experience*.

To meet that commitment, MV Transportation has adopted the [Safety Management System \(SMS\)](#) and developed safety policies and activities in support of an effective SMS. This plan is based on the four components of SMS: Safety Management Policy, Safety Risk Management, Safety Assurance, and Safety Promotion.

Every employee and contractor are directed and empowered to administer the SMS and its specific activities for the prevention, control, and resolution of unsafe conditions and actions. The primary objectives of this SMS plan are to proactively identify and mitigate safety hazards and risks, promote a positive safety culture, and maintain regulatory compliance.

Our safety objectives are to:

- Ensure that effective safety management systems and processes are integrated into all of our activities.
- Designate an individual responsible for the safety function who reports directly to the Chief Executive Officer of the company and authorize that individual to develop and implement programs to promote safety.
- Ensure all employees and contractors are aware that safety is their primary responsibility and they are held accountable for delivering the highest level of safety in their daily work activities.
- Clearly define the safety accountabilities and responsibilities to all employees and contractors, including the responsibility of managers and supervisors to develop, implement, and enforce safety rules and procedures in their respective work areas.
- Provide all employees and contractors with appropriate safety information and skills training; ensure employee and contractor competence in all safety matters related to their position with the company.
- Develop and embrace a positive safety culture in all of our activities that recognizes the importance and value of effective safety management and acknowledges that safety is the number one operating value in everything we do.
- Ensure a culture of open reporting of all safety hazards, ensuring that no action will be taken against any employee who discloses a safety concern through the proper chain of command, unless such disclosure indicates, beyond any reasonable doubt, an illegal act, gross negligence, or a deliberate or willful disregard of regulations or procedures.

- Promote and maintain a positive safety culture with positive recognition and reinforcement of safe behaviors.
- Ensure that all equipment, systems and services meet our safety performance standards through periodic audits and inspections.
- Establish performance metrics and measures of our safety performance against our safety performance indicators and safety performance targets.
- Continually develop and improve our safety processes through actively monitoring, measuring, and reviewing our performance against our objectives and targets.
- Conduct safety and management reviews to improve our safety performance and ensure that relevant and corrective actions are taken.
- Comply with all state and federal regulatory requirements and standards.

Signed:



Thomas Egan, Chief Executive Officer

Date:

10-28-2019

1.1 Commitment to Safety Statement

Providing the highest level of safety for all MV Transportation employees, passengers, and the communities we serve is our core operating value. Safety is at the forefront of delivering the *Best Customer Experience* and is the first of our key components of successful performance.

Doing work safely must be the foundation of all operational activities. Safety standards will never be compromised, subordinated or diminished by any other goal. Safety is the process that drives all functions and activities and is at the center of everything we do at MV Transportation.

MV Transportation is committed to being the safest organization possible and is committed to an incident and injury free workplace and security excellence. We will review and continually improve our practices to continuously drive improvements in safety, health, environmental, and security performance.

Accountability is fundamental to our mission. Every individual at MV is responsible for working and acting safely and embracing safety as a lifestyle. Compliance with this Commitment, applicable laws, and other requirements is the responsibility of every employee and contractor acting on our behalf.

Safety leadership is a core responsibility of management and is the company's most important management value. Managers at all levels will set the standard in our industry, from the Chief Executive Officer to the first-level supervisor.

Every employee is responsible to:

- Promote and maintain a safe work environment for all personnel and our passengers.
- Act consistently to influence safe behaviors and eliminate unsafe behaviors, actions and decisions.
- Go above and beyond the minimum safety standards of his / her job.
- Directly participate in all aspects of our safety program.
- Abide by all applicable safety rules and regulations.
- Work with management to decrease our exposure to risk.
- Immediately report all incidents/accidents and hazards.
- Complete all assigned safety training programs to continuously enhance safety skillset.
- Intervene in an activity if it is observed that its being conducted with an unacceptable level of risk.
- Encourage and reinforce the safe behaviors of others.
- Resolve circumstances responsibly that require corrective action.
- Insist upon an unwavering commitment to safety.

MV leadership is committed to supporting this statement with the resources and accountability necessary to achieve safety excellence.



Tom Egan
Chief Executive Officer



Mark Collins
President and Chief Operating Officer

Contractor Management

It is the responsibility of MV Transportation to ensure that contractor work practices meet established safety standards of the agency and any and all federal, state, and local regulations and requirements. (Safety Policy S-10).

MV Transportation will monitor contractor compliance through scheduled and unscheduled safety audits of equipment, work sites and practices, regulatory compliance, and required records. Significant violations, especially in areas of safety, will be addressed by the appropriate management person, and may include termination of the contract or other legal action.

1.2 Safety Management System Development

This Safety Management System (SMS) plan was developed to outline our systematic procedures, practices, and policies for managing risks and hazards. Additional plan elements are available as references to support the information outlined in this document.

Key definitions of our process throughout our Safety Risk Management includes the following:

- A **hazard** is a condition or object with the potential of causing injuries to personnel, damage to equipment or structures, loss of material, or reduction of ability to perform a prescribed function. The potential for harm is defined as **safety risk**. It refers to the chance that people, equipment, or the environment could be harmed by the consequences of a hazard.
- What is done to address and reduce that risk is **mitigation**.
- **Consequence** means an effect of a hazard, involving injury, illness, or death; damage to or loss of the facilities, equipment, rolling stock, or infrastructure of a public transportation system; or damage to the environment.
- **Event** means any accident, incident, or occurrence.

This SMS plan will be reviewed periodically to continuously improve in our mitigation of safety risk. We will review and continuously improve our practices to drive continuous improvement. Effectiveness at the site level will be determined at least annually through the Safety Director audit. Reviews may occur more frequently.

This plan outlines the SMS activities for all employees and contractors employed by MV Transportation. Additional manuals and procedures should be referenced for more in-depth procedural detail. We will work with the transit agency at the site-location level to ensure these activities are also featured in their Agency Safety Plan.

1.3 Operations and Maintenance Procedures

It is the policy of MV Transportation that company operations and all personnel will comply with all applicable requirements federal and state safety regulations (Safety Policy S-10).

The system will be monitored for compliance with and sufficiency of operations and maintenance procedures. Non-compliance will be addressed through training, coaching, and management oversight, among other approaches. Non-compliance may result in disciplinary action, in

accordance with our policies and procedures. Insufficient procedures will be addressed through the Safety Risk Management process outlined in this plan. Any task that cannot be done safely should not be attempted until it can be done safely.

It is the responsibility of the operator to perform thorough Daily Vehicle Inspections (DVIs) and submit those reports to dispatch personnel. It is the responsibility of the mechanics to review and repair all defects before the vehicle goes back into service. The procedure is listed out in greater detail in our Maintenance Manual. Monthly audits of facilities including yard and surrounding areas will also be conducted to verify OSHA compliance and hazard identification, mitigation and resolution.

A vehicle with a safety defect is reported immediately by the operator. The vehicle shall be removed from service and not returned until repaired or replaced as soon as possible. In cases when the defect prevents the vehicle from being safely driven back to the garage, it is towed using a contracted service.

No operator or other authorized employee is asked, required, or permitted to drive a vehicle with a known major safety defect and is required to wear a safety vest as well as any other appropriate PPE.

As outlined in our Maintenance Manual, it is the responsibility of the maintenance manager to provide the general manager with a detailed account of the day's vehicle status and maintenance activities. The maintenance manager shall ensure the operations manager is kept up-to-date on all daily meetings and reports.

It is the policy of MV Transportation that maintenance managers are responsible to ensure all fleet vehicles are systematically inspected, maintained, and repaired. The preventative maintenance intervals shall conform to the OEM service specifications, FTA standards, and contractual requirements. (MP-03-02 – Preventative Maintenance). All reasonable maintenance services are to be conducted in accordance with OEM standards. (MP-03-10 – Seasonal Maintenance).

Please refer to the Maintenance Shop Safety Manual and Maintenance Manual for further detail outlining policies and procedures, as well as our Safety Vest Policy S-46 and Yard Safety Procedures.

Safety in Design, Acquisition and Procurement

Operational safety and passenger safety are the highest priorities when defining vehicle and facility design requirements. Design criteria are established to ensure the equipment meets or exceeds all safety, flammability and environmental requirements and meets all state and federal standards and regulations. MV Transportation's Procurement Department owns the procurement process and works closely with all impacted departments.

Conditions covered in the Contract Specifications include verification of compliance, commencing with the design phase and periodic inspections and testing during the construction phase performed by qualified consultants. A thorough inspection and system testing is performed before the equipment is conditionally accepted.

The Procurement Group works in conjunction with the maintenance, safety, and operations department when purchasing personal protective equipment for employees, controlling

chemicals and other hazards in the workplace, mandating safety requirements in specific contracts and requiring compliance from specific vendors and clients with MV Transportation's safety requirements.

1.4 Employment and Recruitment Selection

MV Transportation follows industry practices when hiring employees and contractors, including employment, criminal background, and MVR reports as required. Our hiring practices are compliant with FTA regulations on pre-employment / new hire testing and onboarding.

1.5 Drug and Alcohol Program

The Drug and Alcohol Program Manager is responsible for administering the corporate program. The location Designated Employer Representative (DER) are responsible for location program compliance. The policies and procedures conform to the drug and alcohol regulations of the United States Department of Transportation's (DOT), Federal Transit Administration (FTA) and/or the Federal Motor Carrier Safety Association (FMCSA), based on the service environment that the agency and contract operates under. The policy identifies that employees are subject to testing and includes the testing requirements, prohibited behavior, consequences of positive results and resources for employee assistance and rehabilitation.

MV Transportation is committed to a Drug and Alcohol free workplace through a Zero Tolerance policy. Participation by covered employees in MV Transportation's prohibited drug use and alcohol misuse program is a condition of employment. Supervisors must not permit a safety-sensitive employee to perform his/her job function if the employee has violated any provision of the Policy. Our Drug and Alcohol-Free policy extends to contractor personnel in safety-sensitive positions.

1.6 Workplace Violence Program

MV Transportation is firmly committed to providing a workplace free from acts of violence or threats of violence. In keeping with this commitment, the Company has established a policy strictly prohibiting any employee from threatening or committing an act of violence in the workplace, while on duty, while on company related business, or while operating any vehicle or equipment owned or leased by the Company.

Assistance is needed from all employees to achieve a workplace secure and free from violence. MV is committed to a "zero tolerance" policy and compliance with this policy in respect to workplace violence is every employee's responsibility. Any and all incidents involving an act or threat of violence must be reported immediately to the employee's supervisor or the Human Resources department. Any employee may do so without fear of retaliation of any kind. After the incident is reported to a supervisor, he/she will report the matter to the Human Resources department, who will conduct an investigation and take appropriate action.

Any employee who engages in or contributes to violent or threatening behavior may be subject to disciplinary action, up to and including termination.

1.7 Fitness for Duty

Fitness for duty is determined by Human Resources and Safety Management. It is the policy of MV Transportation that all drivers are professionals that manage fatigue and come to work well rested and prepared to provide a full measure of safe and reliable customer service (Safety Policy S-18).

All employees that take medical leave must provide a return to work release from his/her health care provider prior to returning to work. The return to work statement should be submitted to the Leaves Manager in the Benefits department.

Employees returning to work after 30 days or more break in service will be required to undergo a background check, return-to-work physical and drug test, as permitted or required by applicable federal or state law which includes but is not limited to regulations and requirements set forth by the DOT, FTA, FMCSA, OSHA and ADA.

1.8 Policies and Procedures Review

All policies and procedures require periodic reviews for applicability and accuracy. Policies and procedures include a revision date to ensure that all copies of the document are current. Specific policies and procedures are reviewed by department managers with the assistance of the Human Resources Department. Changes to policies and procedures will be made at the corporate level after a thorough review has been performed.

The contractor's safety policies and procedures will also be reviewed periodically for accuracy and compatibility with MV Transportation policies and procedures.

To submit a request for revision, individuals must complete a Change Request. Details of the request must include the policy or procedure, description of the requested process change, any known impact, and implementation efforts.

1.9 Employee Safety Reporting Program (ESRP)

Our front line employees are our best source of information for identifying hazards. Nobody knows more about the actual safety performance of the transit system than the employees who deliver the service.

The Employee Safety Reporting Program (ESRP) is intended to help the Accountable Executive and other senior managers get important safety information from across the transit agency. It can be an agency's most important source of safety data.

There are two types of safety reporting programs: mandatory and voluntary.

- **Mandatory:** Employees must report hazards that are compliance-based and address regulatory issues. Employees are required to immediately report every incident and accident. An employee's failure to report or provide false information of an unsafe hazard or act could result in disciplinary action.
- **Voluntary:** Employees are strongly encouraged to report hazards and can report anonymously. Every employee is empowered to report any unsafe hazard / risk to their supervisor or senior management without fear of retribution or penalty.

Employees will have the option to report anonymously to maintain confidentiality. The ESRP is non-punitive and employees will not be disciplined for the act of reporting the Hazard or Near Miss. However, employees must report hazards that are compliance-based and address regulatory issues. Record falsification, Drug & Alcohol violations, gross negligent behavior, and failure to report accidents/incidents and serious safety hazards are examples of employee behaviors that may result in disciplinary action.

Forms of reporting can include submitting a completed SMS Hazard/Risk Report Form (found in the Appendix) or utilizing a centrally located Safety Suggestion Box at the division location. The transit agency may also have an additional form of Employee Safety Reporting.

The Hazard/Risk Report Form shall be completed immediately, so proactive measures can be taken as soon as possible. Depending on the perceived level of risk and severity, the report shall be submitted immediately or by the end of their shift.

Input by employees into the ESRP can include safety concern reporting, operational system description, hazard identification, safety deficiencies, risk assessments, potential consequences of hazards, or recommended safety risk mitigations.

Examples of reports may include the following;

- Safety hazards in the operating environment (for example, county road conditions)
- Policies and procedures that aren't working as intended (for example, insufficient time to complete pre-trip inspections)
- Events that senior managers might not otherwise know about (for example, near misses)
- Information about why a safety event occurred (for example, radio communication challenges contributed to an incident)

The information we receive through this source will help us resolve the reported hazard and notify the supervisor or senior management of changes that may need to be made to mitigate safety hazards in the future.

The Safety Department will lead the effort on collection, analysis, resolution, and monitoring of hazards and feedback entered through the ESRP. The Safety Department will take the lead on the Safety Risk Management process, with inputs from subject-matter experts in operations and maintenance.

Information collected through our ESRP will feed into our hazard identification and analysis process. Please reference that section of the plan for further information on mitigation, resolution, and communication.

1.10 Authorities, Accountabilities & Responsibilities

Safety accountabilities and responsibilities span from corporate organizational roles to contract management and front-line employees. All employees are responsible for safe operations, as outlined in our Commitment to Safety statement.

The **CEO** provides strategic direction and has the responsibility for providing the leadership and resources to carry out the Safety Management System plan.

Agency Leadership and Executive Management are tasked and authorized with making sure that the organization safety policies and procedures are followed and communicated to their direct reports, general managers, managers and front-line supervisors. They will provide positive leadership and direction in maintaining the safety policy as a major priority in all operations. This group is responsible for providing resources to acquire and maintain safety and health equipment, devices and programs. They will support safety standards and behaviors ensuring that steps are made to identify and mitigate hazard and risk.

The **Safety Leadership team**, including the Chief Safety Officer, VP of Safety, or Director of Safety, has the authority and responsibility for making sure the safety policies and procedures are adhered by and promoted by senior management, department supervisors and managers, area safety directors and key safety team members. The Safety Leadership team will stay informed of law changes or updates concerning employee safety and record keeping and will amend safety policies as required. This group will conduct periodic reviews of safety standards to remain current with federal and state requirements. They will provide guidance in maintaining a high standard of safety training programs and assist in analyzing safety data to identify future mitigation strategies. The Directors of Safety will conduct an annual audit to ensure compliance with Federal, State and Local rules and regulations as well as company policies and procedures.

Key Staff, including Department Supervisors, Managers and all other employees, are tasked with following all company safety policies to include, but not limited to, FTA, FMCSA, USDOT, ADA safety regulations. Managers and Supervisors are responsible for staying current on all internal and external safety training. They are also responsible with reporting or responding to accidents, injuries, near misses, unsafe working conditions and potential hazards within their scope of influence. Supervisors and Managers will evaluate employee performance ensuring each employee's safe behavior and work methods and coach, retrain and discipline as required. They will conduct monthly facility audits to ensure compliance. They are also responsible for promoting the ESRP and reviewing and resolving all submissions responsibility.

In addition to the above overview of safety roles and responsibilities by group, the following highlights the site-specific roles and responsibilities. This is in addition to the responsibilities listed out in our Commitment to Safety (page 4) and SMS plan objectives (page 2).

General Manager: Ultimate responsibility for the safety performance of the location and authorizes activities to support an effective SMS.

Operations Manager: Responsible for promoting operational safety and adhering to our policies and procedures.

Safety and Training Manager: Responsible for the day-to-day implementation and operation of the SMS.

Maintenance Manager: Responsible for OSHA compliance and site-specific maintenance activities.

Trainers / Instructors: Responsible for ensuring that we are training every employee to proficiency in accordance with our performance standards.

Supervisors: Responsible for playing an active role in SMS activities, including sufficient road observations and identifying potential safety hazards with recommended solutions.

Location Safety Committee: Responsible for ensuring that reported safety items are reviewed and addressed, as well as discussing proactive measures to mitigate future risk.

1.11 Emergency Management Integration and Procedures

Every site location is to maintain an updated Emergency Action Plan (Safety Policy S-21). The purpose of the Emergency Action Plan is to assist employees and management in making quality decisions during times of crisis, and to comply with regulatory standards for Emergency Action Plans.

The Facility Emergency Action Plan will be reviewed and updated annually. Certain practice drills are to be planned and carried out for preparedness during emergency scenarios.

The Emergency Action Plan is available on our intranet site and should be printed and stored in the division.

1.12 SMS Documentation and Records

Processes that require documentation or forms to support an effective SMS are listed out in this plan within the corresponding section.

Site locations that are subject to the PTASP Final Rule will be required to maintain documentation and recordkeeping for a minimum of 3 years.

2. Safety Risk Management

The FTA defines Safety Risk Management as a process within the agency's Public Transportation Agency Plan for identifying hazards and analyzing, assessing, and mitigating the safety risk.

Through risk identification and assessment, a determination is made of the probability and severity of potential losses. Safety and loss control programs are developed to modify and eliminate or reduce the risks of these exposures.

2.1 Accident and Incident Reporting and Response

It is the policy of MV Transportation to minimize injury, damages, pain and suffering for people involved in vehicular mishaps involving MV vehicles, to promptly respond, report and to thoroughly investigate these occurrences. (Safety Policy S-32)

All incidents, including near misses and minor events, should be reported as soon as possible – whether or not the incident did or could have resulted in personnel injuries, illnesses, or property damage.

The incidents shall be immediately reported from the scene. Operator at scene shall immediately contact Dispatch and provide incident details.

When possible, it is the responsibility of the General Manager to make sure that a manager or supervisor responds to the accident to ensure care for our driver and equipment, secure the incident site, preserve evidence, review of accident investigation and proper review of company liability.

The initial accident/incident claim line information sheet should be completed with details to convey to our claims hotline.

Accident and incident response procedures will vary depending on the severity of an incident (“major” vs. “minor” definition thresholds outlined in Safety Policy S-32). All employees, supervisors and managers should be knowledgeable on response procedures outlined in Risk Management SAF-001 Accident Procedures guideline and High Priority Event notification procedures.

The General Manager and Safety Manager are responsible for ensuring a timely investigation and report is completed.

Reports are reviewed by the department manager, who determines preventability (Safety Policy S-1). Reports may also be reviewed by Risk Management and the Director of Safety. Additional actions and activities may be requested from the Risk Management department or Regional Director of Safety.

Copies of the accident/incident reports and a summary are kept for review and reporting as necessary.

Work Injuries

Work injuries include any injury, occupational disease, or disability that arises out of, or in the course of, any work-related activity and requires first aid or medical treatment. Worker’s compensation OSHA-related injuries are considered work injuries for the purpose of this policy.

Injuries should be reported by the injured employee or a witness to dispatch or his/her immediate supervisor as soon as possible. If the injured employee needs medical attention, the appropriate response by coworkers (dispatch, supervisor, manager) is to:

- Assess the injury.
- Call 911 if necessary.
- Begin emergency medical treatment, if willing and able.

- Continue treatment until emergency responders arrive.
- Inform Management or Director of Safety.
- Complete a written report as soon as possible.

The injured employee must complete an Employee Injury Report for the Human Resources and Safety department as soon as possible. In compliance with OSHA regulations, all reportable employee injuries will be recorded by a representative from the Safety department and a summary will be posted from February 1 to April each year for employee review.

The Supervisor will conduct an investigation to determine the root cause of the incident surrounding the injury (Safety Policy S-30). The Supervisor will issue a written report for review by Risk Management, Regional Manager - Maintenance, General Manager and Area Safety Director. Recommendations may be issued and will follow normal channels of communication. Investigative resources will include the Employee Injury Report, eyewitness accounts, employee interviews, equipment testing, and any other reasonable means to determine root causes. Injury reports will be kept on file for future analysis.

Accident and Incident Investigation

It is the policy of MV Transportation to investigate all incidents/injuries, to identify causes, and to correct deficiencies, if any (Safety Policy S-1). Effective incident investigation is an essential step towards making improvements in the system or process that can prevent future incidents from similar causes. It is the key to correcting and improving unsafe behavior in the workplace.

Identifying all factors that came into play to cause an incident, accident, or injury, and getting down to the root cause, is the only way to ensure proper steps will be taken to prevent a recurrence. This includes examining driving and work procedures and revising them if found faulty; and identifying violations of MV, OSHA, DOT, FTA, or other procedures, rules or regulations. (Safety Policy S-32)

After corrective actions have been identified and put in place, the management team or Regional Safety Director will follow-up to ensure that corrective actions remain in place and have effectively corrected incident causes.

2.2 Safety Hazard Identification and Analysis

Hazards identifications could be submitted directly, or could be derived from trends or other data analyses.

Hazards can be identified through a variety of sources, including;

1. Reviews
2. Observations
3. Investigations
4. ESRP
5. Passenger feedback

When a hazard has been identified, it will be tracked in a Safety Risk Register log, using the FTA template provided. This includes the description of the risk, rating of the risk, the action to address it, and how we are going to monitor that action for its effectiveness.

The hazard will be rated with an “as reported” risk assessment ranking, which will be followed up for a re-evaluation after a mitigation strategy has been implemented.

Reviews

- DriveCam scored or coachable events – driver specific or aggregated trends of at-risk behaviors
- Monthly performance or quarterly reviews of both leading and lagging indicators

Observations

- Road observations and ride checks
- Mystery rider program (if applicable at the site location)
- Customer/passenger comments
- Third-party notifications

Audits and Inspections

- Monthly facility inspection
- Daily walk-through
- Pull-out procedures
- New driver assessments (Safety Policy S-37)
- Refresher training (Safety Policy S-12)
- Annual safety director audit
- Maintenance audit

Investigations

- Accident and incident investigation
- Injury root cause investigation

Hazard Analysis

Once a hazard has been identified, it must then be analyzed. Analysis may include a description of the hazard, supporting results documents, photos, and/or suggestions for resolution. Unless a hazard can be eliminated, it's safety risk must then be managed. We analyze this in terms of how likely it is to happen (probability or frequency) and how bad it could be (severity). Hazard Probability Categories and Hazard Resolution Matrix, see [Attachment A](#), and then by determining the best method for remediation. Near Miss reporting will be collected through Dash Camera Systems, as well as encouraged through the ESRP. If not captured through a Dash Camera System, Near Miss reporting can be completed on the Hazard Risk Form and reported to the location Safety Manager or Supervisor.

2.3 Evaluation, Mitigation and Communication of Safety Risk

The last step is to develop possible mitigation strategies that address identified safety risks. In evaluating safety risks, identifying what is being done now vs. what can be done in the future is an important consideration.

The review must identify facts, establish root causes, and suggest methods for mitigating or preventing recurrence.

Statistics from accident and incidents are tracked and compared to performance measures and targets to identify where mitigations may or may not be effective.

The identified hazards are reviewed and assessed, and a priority is set based on severity of risk using the Hazard Resolution Matrix.

The Location Safety Committee plays an important part of hazard reduction and hazard resolution. The committee should provide inputs/ideas to ensure a safe work environment is established and maintained. (Safety Policy S-39).

Hazard Resolution and Communication

When the safety hazard and analysis has been completed, the location supervisor or manager who will then coordinate efforts with essential personnel to resolve the hazard in a timely manner. In cases where an immediate threat to safety exists, work will be immediately suspended by the location management while the hazard is addressed and mitigated.

Many hazards can be resolved through more than one means, but the general process for determining the best method should be by considering engineering controls, administrative work practices, or employee actions.

Communication of resolution and status of SMS activities is listed out in section 4 of this plan.

3. Safety Assurance

The FTA defines Safety Risk Management as a series of processes within a transit agency's Safety Management System that function to ensure the implementation and effectiveness of safety risk mitigation, and to ensure that the transit agency meets or exceeds its safety objectives through the collection, analysis, and assessment of information.

Safety Assurance subcomponents includes:

1. Safety Performance and Monitoring and Measurement
2. Management of Change
3. Continuous Improvement

3.1 Safety Performance and Monitoring and Measurement

Data is constantly collected through the transit agency's Safety Assurance activities. This will include both leading and lagging indicators.

Leading indicators are used to anticipate and prevent injuries and accidents. This data source can include information collected from road observations, ride checks, mobile blitzes, or the ESRP. Our behavior-based indicators, as measured by DriveCam or another safety monitoring technology, is one of our best indicators for future success, as it measures the unsafe behaviors present in our operation.

Our lagging indicators measures what has happened, including accidents and injuries. This metric allows you to analyze historical information, as well as view in real-time if your risk mitigation plans are reducing the accidents and injuries.

Safety performance indicators will help measure inputs, outputs, outcomes, or impacts. It is a signal or early warning sign.

Safety performance targets are quantifiable and is the expected change over a period of time.

Daily monitoring will be conducted through inspections, observations, and evaluations.

Safety Performance Targets are spelled out in the PTASP addendum of this plan.

Mitigation Monitoring

The Mitigation Monitoring plan helps ensure safety performance monitoring and measurement activities are performed to confirm that mitigations are effective, appropriate, and fully implemented.

A Mitigation Monitoring plan may include the selected safety risk mitigation, the indicators or targets, description of how it will be monitored, timeframe, responsibility, and updates.

While the Mitigation Monitoring plan addresses the mitigation and monitoring activities, the Corrective Action Plan documents the corrective action and helps address short-term defects or compliance issues. The Corrective Action Plan is intended to eliminate the behavior that caused the event, while Mitigation Monitoring is to continuously monitor the hazard.

The Mitigation Monitoring process is owned by the location's management team, with assistance from the Regional Safety Director. The Mitigation Monitoring process requires periodic reviews to ensure that the risk level is being mitigated and reduction of the frequency of the hazard is taking place.

A periodic audit of contractor safety plans, Safety Data Sheets, and Personal Protective Equipment requirements will be conducted by the Safety Team and the General Manager.

3.2 Management of Change

Our operating environment has many areas that can and will be subject to a change. Prior to implementation of a proposed change, an assessment will be performed by using the Hazard/Risk

Report form to determine if the change will impact safety performance or if there are any new hazards that will be present.

If a new hazard is identified, it is put through the SRM process and evaluated. A risk mitigation strategy will be created or modified to mitigate risk for that change. Once the change is made it will be monitored for effectiveness.

The size and scope of the change can vary from something small to something as large as new service or routes. Efforts will be made to assess if there is a possible impact to safety prior to operations taking place.

3.3 Continuous Improvement

The overall safety performance of the system and the performance of SMS activities will be continuously measured and evaluated to determine the effectiveness and appropriateness of risk mitigations.

The data and information that will be collected through Safety Assurance activities will tell us how we are doing and what areas we can improve on.

Insight through these sources may trigger more frequent reviews and a revised strategy to ensure that mitigations are effective.

Local management will work with the agency to determine frequency of meetings with the contractor management to review the SMS process.

4. Safety Promotion

4.1 Competencies & Training

It is the policy of MV Transportation that all employees will undergo new hire training based upon type of service and experience level. Mastery is verified through evaluations prior to being released to revenue service.

Job-specific training programs have been developed to enhance safety skills necessary for safe, secure, and reliable customer service. This includes training for operators, trainers, supervisors, maintenance staff, operations, and management personnel.

MV Transportation maintains a continuous safety communication campaign through the form of safety meetings (Safety Policy S-27). Every month, a fleet safety and injury prevention topic will be reviewed to refresh the fundamentals and key learning points. Annual refresher training on key areas will also be conducted along with periodic promotion of prevention activities.

Maintenance monthly training will focus on OSHA compliance for shop safety. The training complies with current state and federal standards and covers potential safety and health hazards as well as safe work practices and procedures to eliminate or minimize hazards.

Information concerning safety hazards or issues is provided to employees through new hire orientation, location safety committee meeting minutes, company-wide or departmental

meetings, Safety Team briefings, monthly safety meetings, bulletin board postings, memos, or other written communications.

All MV operators will receive refresher or remedial training, as necessary, throughout their employment with the Company (Safety Policy S-12). This can include, but is not limited to, defensive driving techniques, ADA and Wheelchair Securement activities, Fatigue Management, Pedestrian and Bicyclist awareness, as well as hands-on training. This training provides a procedure for evaluation job skills and determining subsequent retraining needs or employees who are returning to work after an extended leave, employees who have been involved in an accident and refresher skill training.

Training, retraining, proficiency checks, and safety meeting attendance will be recorded and documented.

Training records are kept by the department supervisors and managers and will include:

- Date of training
- Employee names
- Copies of training materials
- Training subject
- Location of training
- Name of trainer
- Signature of trainer and trainee

A training audit and training needs assessment will be conducted at least bi-annually, or as a result of activities that come out of the SRM process.

Safety Culture

Our Vision is to deliver the *Best Customer Experience* with industry-leading Safety, Reliability, and Innovation. Our fundamental safety belief is that Safety is a core business value and there is nothing more important than promoting and maintaining a safe operation.

Our Safety Culture Guide outlines the importance of implementing initiatives at the local level to promote a positive safety culture.

To foster a positive safety culture, supervisors and management should make every effort to demonstrate their commitment to safety, offering the highest level of respect and dignity and a genuine concern for the welfare of their workers. Supervisors and management will exhibit the behaviors they want to see as part of their location's safety culture.

Elements of our Safety Culture Guide include:

- Employee engagement and buy-in
- Accountability and ownership of employees
- Positive recognition
- Reinforcement of safe behaviors
- Safety award programs
- Administration of the Katherine McClary Safe Operator Award program
- Safety campaigns and blitzes
- Incentive and reward contests

Supervisors and managers will pay attention to, measure, and publicly acknowledge the desired behaviors and performance outcomes by workers. The purpose of this and other safety-related programs is to focus our employees on working safely, and then reward them for their success.

4.2 Safety Communication

Communication of the SMS

A variety of methods may be used to communicate the SMS plan, including updates or memos. Communication can include updates related to SMS concerns/issues, lessons learned, analysis, new requirements or tracking mechanisms, and/or roles and responsibilities.

It is the responsibility of the location management to train employees on how to identify and report hazards. Management and supervisors will encourage employees to report their safety concerns or hazards.

Safety actions that are taken in response to reports submitted through the ESRP will be communicated to employees during the safety meetings or posted in a common area.

Our Policy and Commitment to Safety statement will be distributed to all managers to be reviewed with all employees during initial onboarding. This will be reviewed at least annually to continuously promote a safe work environment and communicate our commitment to an incident and injury free workplace.

Our policies, procedures, written statements, and formalized plans that support our SMS activities are available to all managers through our intranet site.

Continuous Awareness and Safety Communication

Management and supervisors will facilitate in daily safety communication and planning engagement blitzes and campaigns accordingly.

Dispatchers will play an active role in this process by delivering safety radio announcements.

The Daily Safety Message will be printed and posted throughout the facility.

Material that supports the monthly fleet safety topic and/or injury prevention topic that is distributed from corporate will be displayed throughout the facility.

Additional means of communication includes:

<ul style="list-style-type: none">• New Hire Orientation Training• Operational Safety Calls• Safety Meetings• One-on-one dialogue between supervisors and employees• Safety Briefings/Toolbox Talks	<ul style="list-style-type: none">• Safety Bulletin Board• Safety Committees• Posters, Flyers, & Memos• E-mail Communications• Internal Websites• Video/TV Displays
---	--

5. Supporting Resources

Maintenance, Facility & Fleet	Operator Safety	General Procedures & Regulatory Compliance
Maintenance Shop Safety Handbook	Employee Handbook	Code of Federal Regulations (CFR)
Vehicle Maintenance Plan (PM)	Safety Manual	Crime Prevention Environmental Design (CPTED)
Aerial Platform Certification	New Hire Orientation	Emergency Action Plan
Powered Industrial Truck (Forklift) Certification	Fitness for Duty Evaluation	Fire Prevention Plan
Clean Air Act (608,609)	Operations Policies and Procedures Handbook	HAZCOM Plan
Noise Protection	Recruiting and Hiring Practices	Hearing Conservation Program
Lock Out/Tag Out	Incident Management and Investigation	Heat Illness Prevention
Personal Protective Equipment	Safety Audits/Inspections	Lockout Tagout Program
Respiratory Protection	Safety Reports and Forms	Safety and Security Program
Welding, Cutting and Brazing Safety	Safety Communication TV Displays	System Safety Program Plan
OSHA 10-Hour	Wheelchair Certifications	System security and Emergency Preparedness Plan
OSHA 30- Hour	Defensive Driving Program	KMA Safe Driver Award Program
Heat Stress	Operator Refresher Training	Monthly Safety Meetings
Housekeeping	Safety Committees	Customer Service Training
HAZCOM	Safety Calendar – Weekly & Monthly Topics	Continuity of Operations Plan
Bloodborne Pathogens	Bi-monthly Safety Stand-down	

6. Plan Development

6.1 Approval and Updates

Name of Entity That Drafted This Plan	MV Transportation	
Signature by the Accountable Executive	Signature of Accountable Executive	Date of Signature
Approval by the Board of Directors or an Equivalent Authority	Name of Individual/Entity That Approved This Plan	Date of Approval
	Relevant Documentation (title and location)	
Certification of Compliance	Name of Individual/Entity That Certified This Plan	Date of Certification
	Relevant Documentation (title and location)	

6.2 Version Updates

Version Number and Updates			
<i>Record the complete history of successive versions of this plan.</i>			
Version Number	Section/Pages Affected	Reason for Change	Date Issued
1		Creation	10/2019

6.3 Annual Audit and Review of Plan

Annual Audit & Review and Update of the Safety Management Systems Plan

Describe the process and timeline for conducting an annual review and update of the Safety Management Systems Plan.

During the final quarter the Safety Plan Committee will meet and review current SMS plan and make changes accordingly and update this SMS document. A communication will be sent out with an explanation of changes and a pdf copy of the updated plan will be made available via e-mail or web.



PTASP Addendum

Transit Agency Information

Transit Agency Name			
Transit Agency Address			
Name and Title of Accountable Executive			
Name of Chief Safety Officer or SMS Executive			
Mode(s) of Service Covered by This Plan		List All FTA Funding Types (e.g., 5307, 5310, 5311)	
Mode(s) of Service Provided by the Transit Agency (Directly operated or contracted service)			
Does the agency provide transit services on behalf of another transit agency or entity?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Description of Arrangement(s)
Name and Address of Transit Agency(ies) or Entity(ies) for Which Service Is Provided			

Safety Performance

Safety Performance Targets

Safety Performance Targets Specify performance targets and definitions based on the safety performance measures established under the National Public Transportation Safety Plan. The table below provides targets for fatality rate (reportable fatalities per revenue mile); injury rate (reportable injuries per revenue mile); safety event rate (reportable safety event per revenue mile); and system reliability (revenue miles between major mechanical failures).						
Mode of Transit Service	Preventable Accidents per 100K miles	Employee Injuries (Rate)	Fatalities (Rate)	Safety Events (Rate)	System Reliability (Rate)	

Safety Performance Target Coordination

Safety Performance Target Coordination		
MV Transportation will work with the agency to support them in their PTASP which includes analyzing historical trends to establish safety performance targets. Agency will coordinate directly with MPO and MV will help in this process as needed.		
Targets transmitted to stakeholders	Name	Date Targets Transmitted





Attachment A

1 HAZARD PROBABILITY TABLE

Probability Level	Description
A – Frequent	Likely to occur frequently. Continually experienced in the fleet/inventory.
B – Probable	Likely to occur several times in life of an item. Likely to occur frequently in the fleet/inventory.
C – Occasional	Likely to occur sometime in life of an item. Likely to occur several times in the fleet/inventory.
D – Remote	Unlikely, but possible to occur in the life of an item. Reasonably expected in the fleet/inventory.
E – Improbable	So unlikely, occurrence is not expected. Unlikely to occur, but possible in the fleet/inventory.

2 RISK ASSESSMENT FREQUENCY/SEVERITY MATRIX

Frequency	Severity			
	1 Catastrophic	2 Critical	3 Marginal	4 Negligible
A – Frequent	1/A	2/A	3/A	4/A
B – Probable	1/B	2/B	3/B	4/B
C – Occasional	1/C	2/C	3/C	4/C
D – Remote	1/D	2/D	3/D	4/D
E – Improbable	1/E	2/E	3/E	4/E

3 HAZARD RESOLUTION TABLE

Severity / Frequency	Resolution
1/A 1/B 1/C 2/A 2/B 3/A	Unacceptable—correction required.
1/D 2/C 2/D 3/B 3/C	Unacceptable—correction may be required after review by CEO.
1/E 2/E 3/D 3/E 4/A 4/B	Acceptable—with review by CEO.
4/C 4/D 4/E	Acceptable—without review.

Attachment B

MV Transportation SMS Hazard/Risk Report Form			
This report concerns:	<input type="checkbox"/> Hazard <input type="checkbox"/> Risk <input type="checkbox"/> Near Miss <input type="checkbox"/> Other		
Hazard Type:	<input type="checkbox"/> Policy/Procedure <input type="checkbox"/> Operational <input type="checkbox"/> Environmental <input type="checkbox"/> Equipment/Design <input type="checkbox"/> Training		
REPORTED BY:	<input type="checkbox"/> Employee <input type="checkbox"/> Customer/Passenger <input type="checkbox"/> Other:	ie: PD or FD	
NAME:		LOCATION:	
Description of Safety Concern:			
PHOTOS:		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Hazard Analysis: According to Hazard Severity Matrix		<input type="checkbox"/> 1 Catastrophic <input type="checkbox"/> 2 Critical <input type="checkbox"/> 3 Marginal <input type="checkbox"/> 4 Negligible	
Recommended Safety Risk Mitigation:			
Supervisor/Safety Manager Comments/Actions:			
Supervisor/Safety Manager:			

Hazard/Risk Resolution			
Is Hazard/Risk corrected "On the Spot"?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If the answer is "No" then proceed with the steps below:	
This report must be forwarded to the SAFETY DEPARTMENT; report is assigned to specific department(s) for hazard rectification; report is assigned a priority			
Priority:	<input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low		
Hazard/Risk/ Near Miss deficiency corrected?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date closed if "Yes"	Date
If answer is NO, notify Safety department to begin continuing action for resolution, and send to the Safety Team or Staff for recommendations.			
List how the Hazard/Risk/Near Miss was resolved			
Date Resolved		Date	



Appendix

Please add any relevant contract documentation specific to plan.

Transdev, CCCTA / LAVTA

Agency Safety Plan



Transit Agency Information

(AGENCY NAME)	CCCTA / LAVTA		
(AGENCY NAME) Address	1362 Rutan Ct. Livermore CA 94551		
Name and Title of Accountable Executive	Johanna Duran-General Manager		
Name of Chief Safety Officer or SMS Executive	Juana Lopez-Safety/operations Manager		
Mode(s) of Service Covered by This Plan	Subcontractor (Big Star)	List All FTA Funding Types (e.g., 5307, 5310, 5311)	5307, 5339

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Approvals

The individuals below, submitting and signing this Agency Safety Plan (ASP), verify it was prepared in accordance with the appropriate and applicable requirements and guidelines set forth by the Federal Transit Administration in 49 CFR Parts 625, 630, 670, 673 and others, that they are authorized representatives of the Transit Agency; that their signatures attest that all items and conditions contained in this plan are understood, accepted and approved; and that they are committed to implementing the Agency Safety Plan and achieving its safety goals and objectives.

APPROVED BY:

Chief Executive Officer, *Accountable Executive*

Date

Board Chairman/Designee

Date

RECOMMENDED BY:



General Manager, *SMS Executive*

4/06/2022

Date



Manager, Safety and Security

4/06/2022

Date

Revisions/Amendments

Revision No	Revision Date	Revised Sections	Purpose

Change Log

Number	Section/Pages	Change	Purpose

Executive Summary

Applicability

CCCTA / LAVTA is committed to comprehensive safety planning. As an operator of a public transportation system that receives Federal financial assistance under Title 49 of the United States Code (USC) Chapter 53, the Transit Agency is subject to 49 CFR Part 625, 630, 670, 673, and this Safety Plan is fully compliant with that Rule as well as with the requirements of the National Public Transportation Safety Plan (NSP) as promulgated through 49 CFR 670.

Policy

CCCTA / LAVTA and the Federal Transit Administration (FTA) have adopted the principles and methods of System Safety and of Safety Management Systems (SMS) as the basis for enhancing the safety of public transportation. All rules, regulations, policies, guidance, best practices, and technical assistance administered will, to the extent practical and consistent with legal and other applicable requirements, follow the principles and methods of SMS.

The Safety Plan, hereafter CCCTA / LAVTA referred to as the Transit Agency Safety Plan is an agency-wide safety plan that meets and is responsive to FTA's Public Transportation Safety Program (PTSP). The Transit Agency Safety Plan reflects the specific safety objectives, standards, and priorities of CCCTA / LAVTA. CCCTA / LAVTA has incorporated its System Safety compliance into SMS principles and methods tailored to the size, complexity, and scope of its own public transportation system and the environment in which it operates.

Definitions

The Terms and Abbreviations used in this document are consistent with federal regulations and guidance as shown in Chapter 1.

Safety Plan

General

CCCTA / LAVTA has established a Safety Plan that meets or exceeds the General Requirements of 49 CFR Part 625, 630, 670, 673, including the following required elements:

- The Safety Plan, and subsequent updates, will be signed by the *Accountable Executive*, and approved by the Transit Agency Board of Commissioners.
 - The Safety Plan documents the processes and activities related to SMS implementation.
 - The Safety Plan includes performance targets based on the safety performance criteria established under the National Public Transportation Safety Plan (NSP), and the state of good repair standards established in the regulations that implement the National Transit Asset Management System and are included in the NSP.
 - The Safety Plan addresses all applicable requirements and standards as set forth in the NSP.
 - The Safety Plan will comply with the minimum safety performance standards authorized through the National Public Transportation Safety Plan.
 - The Transit Agency will establish a process and timeline for conducting an annual review and update of the Safety Plan.
-
- The Safety Plan includes reference to an emergency preparedness and response plan and procedures that address the assignment of employee responsibilities during an emergency; and coordination with Federal, State, regional, and local officials with roles and responsibilities for emergency preparedness and response in the Transit Agency area.
 - The Safety Plan includes bus and demand response modes of service. The Transit Agency will maintain the Safety Plan in accordance with the recordkeeping requirements in subpart D of Part 673.

Certification of Compliance

CCCTA / LAVTA will certify it has established this Safety Plan meeting the requirements of Part 673 by one year after the effective date of the final rule.

On an annual basis, CCCTA / LAVTA will certify its compliance with Part 673.

Coordination with Planning Processes

To aid in the planning process, will make its safety CCCTA / LAVTA performance targets available to the Department of Transportation and the Metropolitan Planning Organization (MPO).

Safety Management System

CCCTA / LAVTA establishes and implements a Safety Management System (SMS) compliant with Part 673. The Transit Agency SMS is appropriately scaled to the size, scope and complexity of the Transit Agency, and includes four components as required by 49 CFR 673:

- a. Safety Management Policy (Part I)
- b. Safety Risk Management (Part II)
- c. Safety Assurance (Part III)
- d. Safety Promotion (Part IV)

Safety Management Policy

CCCTA / LAVTA has a written statement of safety management policy (Chapter 1) that includes the Transit Agency's safety objectives and safety performance targets. The CCCTA / LAVTA safety management policy will be communicated throughout the organization.

Responsibilities

As detailed in Chapter 2, CCCTA / LAVTA has also established the necessary authorities, accountabilities, and responsibilities for managing safety amongst the following individuals in the Transit Agency, as they relate to development and management of the Transit Agency SMS:

- (1) *Accountable Executive*. The Transit Agency has identified the Chief Executive Officer (CEO) as the Accountable Executive. The CEO is accountable for ensuring the agency's SMS is effectively implemented throughout the Transit Agency system; and ensuring action is taken, as necessary, to address substandard performance in the Transit Agency's SMS. The CEO may delegate specific responsibilities, but the ultimate accountability for the Transit Agency's safety performance cannot be delegated and always rests with the CEO.
- (2) *Chief Safety Officer (CSO) or Safety Management System Executive (SMSE)*. The Manager of Safety, who reports directly to the General Manager, or other designee assigned by the CEO, will serve as the CSO and the Accountable Executive when the CEO position is vacant or unavailable.
- (3) *CCCTA / LAVTA leadership and executive management Foothill Transit-Arcadia* has also identified other members of its leadership and executive management who have authorities or responsibilities for day-to-day implementation and operation of an agency's SMS.
- (4) *Key staff*. CCCTA / LAVTA has designated key staff, groups, or committees to support the CEO and the Chief Safety Officer in developing, implementing, and operating the agency's SMS.

CCCTA / LAVTA has also established a process that allows employees to report safety conditions to senior management with protections for employees who report adverse safety conditions to management.

Safety Risk Management

Safety Risk Management Process

CCCTA / LAVTA has developed and implemented a Safety Risk Management process for all elements of its public transportation system. The Safety Risk Management process is comprised of the following activities:

- Identification of safety hazards,
- Analysis of safety hazards,
- Safety risk evaluation, and
- Safety risk mitigation.

Safety Hazard Identification and Analysis

CCCTA / LAVTA has established a process for hazard identification and analysis (Chapter 4).

CCCTA / LAVTA includes, as a source for hazard identification and analysis, data as well as information provided by outside agencies.

Safety Risk Evaluation and Mitigation

CCCTA / LAVTA has established activities to evaluate and prioritize the safety risk associated with the potential consequences of safety hazards (Chapter 4). Safety risks are evaluated in terms of probability and severity and consider mitigations already in place to reduce the probability or severity of the potential consequence(s) analyzed. CCCTA / LAVTA has established criteria for the development of safety risk mitigations that are necessary based on the results of the agency's safety risk evaluation.

Safety Assurance

CCCTA / LAVTA has developed and implemented a safety assurance process, consistent with this subpart.

Safety Performance Monitoring and Measurement

CCCTA / LAVTA has established activities (described in Chapter 4) to:

- ✓ Monitor the Transit Agency system for compliance with, and sufficiency of, the agency's procedures for operations and maintenance;
- ✓ Monitor Transit Agency operations to identify hazards not identified through the Safety Risk Management process (per 49 CFR §673.25);
- ✓ Monitor Transit Agency operations to identify any safety risk mitigations that may be ineffective, inappropriate, or were not implemented as intended;
- ✓ Investigate safety events to identify causal factors; and monitor information reported through any internal safety reporting programs

Management of Change

CCCTA / LAVTA has established a process for identifying and assessing changes that may introduce new hazards or impact safety performance. If CCCTA / LAVTA determines a change may impact its safety performance, then CCCTA / LAVTA will evaluate the proposed change through its Safety Risk Management process. (See Chapter 5.)

Continuous Improvement

CCCTA / LAVTA has established a process to assess its safety performance (Chapter 5). If identifies any CCCTA / LAVTA deficiencies as part of its safety performance assessment, then will develop and carry out, CCCTA / LAVTA under the authority of the CEO, a plan to address the identified safety deficiencies.

Safety Promotion

Safety Communications

CCCTA / LAVTA fosters open and robust communication regarding safety between all levels of the agency (Chapter 6). This starts with fully promulgating the safety policy to all employees CCCTA / LAVTA. CCCTA / LAVTA uses notices, posters and bulletins to ensure all employees are aware of the agency's and their own safety commitments and requirements.

In addition, the Safety Department supports all other departments in ensuring safety messaging and awareness are communicated effectively within each department. Employees are required and encouraged to report hazards, take responsibility for safety in their tasks and work areas, educate themselves on safety in addition to formal training, and attend safety briefings, trainings, activities and events.

Finally, all levels of the agency are required, through formal and informal communications, to ensure safety information is disseminated throughout the agency. This Plan sets forth the requirements for both the formal and informal reporting that supports our SMS.

Competencies and Training

CCCTA / LAVTA has established a comprehensive safety training program for all agency employees and contractors directly responsible for the management of safety in the Transit Agency's system (Chapter 6). The training program includes refresher training, as necessary.

Safety Plan Documentation and Recordkeeping

Safety Plan Documentation

At all times, CCCTA / LAVTA maintains documents that set forth and support its Safety Plan, including those related to the implementation of *Foothill Transit-Arcadia* 's SMS, and results from SMS processes and activities. CCCTA / LAVTA maintains documents included in whole, or by reference, that describe the programs, policies, and procedures CCCTA / LAVTA uses to carry out the Safety Plan. These documents are available upon request by the FTA, other Federal entities as required. CCCTA / LAVTA maintains these documents for a minimum of three years.

Safety Plan Records

In addition to any documents or records required elsewhere by Part 673, CCCTA / LAVTA maintains in perpetuity records of:

- (a) Safety risk mitigations developed in accordance with § 673.25;
- (b) Results from CCCTA / LAVTA performance assessments as required under § 673.27; and
- (c) Employee safety training taken for purposes of compliance with this part and the Public Transportation Agency Safety Program.

Part I -- Safety Management Policy

Chapter 1 – Safety Policy Statement

1.0 General Safety Policy

It is the policy of CCCTA / LAVTA to provide safe and reliable transportation service for the general public, to provide safe and healthful working conditions for our employees, and to comply with applicable occupational and environmental laws and regulations.

Operational and safety training, accident investigation, Standard Operating Procedures, and audit/inspection programs are documented and referenced in the Transit Agency's Safety Plan. The purpose of this plan, among others, is to recognize and correct unsafe acts and conditions, to promote safety awareness, and to assist in the prevention of injuries and illness as well as incidents that are harmful to the environment.

Every CCCTA / LAVTA employee and any outside contractor who serves CCCTA / LAVTA has the duty to adhere to the Safety Plan; to recognize, report and correct hazards; to work in a safe manner; to promote safety awareness; and to actively assist in accident prevention.

The General Manager accepts overall responsibility for safety at CCCTA / LAVTA. The Operations Manager, the Maintenance Manager, and the Safety Manager are responsible and accountable for implementation of the Safety Plan in their respective areas.

All CCCTA / LAVTA employees must carry out their assigned duties in a safe and efficient manner. The Safety and Security Review Committee is responsible for taking a proactive position in assisting CCCTA / LAVTA management to implement SMS and identify and control hazards to ensure the highest practical degree of safety for CCCTA / LAVTA riders and employees. As Chairman of the Safety Committee, the Chief Safety Officer bears the primary responsibility for coordinating implementation of the Safety Plan and monitoring compliance.

The signatures of the Chief Executive Officer, General Manager, and the Chief Safety Officer included in the Approvals section of this plan attest that this plan is understood, accepted and approved; and management is committed to implementing SMS through the Safety Plan and achieving its safety goals and objectives.

1.1 Safety Management Policy Statement

CCCTA / LAVTA is furthermore committed to comprehensive safety planning, and as an operator of a public transportation system that receives Federal financial assistance under Title 49 USC Chapter 53, also complies with 49 CFR Part 673.

CCCTA / LAVTA has adopted the principles and methods of Safety Management Systems (SMS) as the basis for enhancing the safety of public transportation. All rules, regulations, policies, guidance, best practices, and technical assistance administered will, to the extent practical and consistent with legal and other applicable requirements, follow the principles and methods of SMS.

CCCTA / LAVTA has a written statement of safety management policy that includes the safety objectives and safety performance targets. Safety Management Policy Statement

Subject: Safety

Scope: This policy applies to all employees of *Transdev* North America, Foothill Transit-Arcadia.

At CCCTA / LAVTA, safety is first — our core belief, our deepest conviction and our highest priority. Our responsibility and accountability for safety extends to all *Transdev* North America, CCCTA / LAVTA employees as we care for our customers, passengers, the general public such as motorists, cyclists and pedestrians, and each other.

Operational safety shall always serve as the guiding principle and paramount priority when developing any *Transdev* North America, CCCTA / LAVTA operational policies, practices and procedures. All decisions need to be viewed through the lens of safety.

The prevention of accidents, injuries, unsafe incidents and illness is the responsibility of every CCCTA / LAVTA North America employee. All employees, from the Chief Executive Officer to the frontline employee, are expected to lead by example and:

- ✓ Provide a safe and healthy working environment;
- ✓ Abide by all safety policies, rules and regulations;
- ✓ Expect and insist upon a total commitment to safety from fellow employees; and
- ✓ Immediately raise any safety concerns to his or her supervisor or safety representative.

1.1.2 Communication

CCCTA / LAVTAs' safety management policy will be communicated throughout the organization through:

- Training in SMS for all employees;
- Notice to All Personnel from the GM;
- Email to all management and office personnel with electronic access;
- Signed receipt from all employees and new hires;
- Inclusion in employee Safety Briefings; and
- Posted on all general bulletin boards.

The Safety Plan will always be available to all employees. It will be maintained in an accessible electronic file and in hard copy(s) by all key SMS personnel in locations accessible to employees under their supervision and management.

1.2 Authority – Appendix I

1.2.1 Transit Agency – Appendix II

1.2.2 Vehicle Description – Appendix III

1.2.3 Maintenance Facility – Appendix IV

1.2.4 Safety Performance Indicators – Appendix V

1.2.5 Federal

Statutory mandates in the Moving Ahead for Progress in the 21st Century Act (Pub. L. 112–141; July 6, 2012) (MAP–21), reauthorized by the Fixing America's Surface Transportation Act (Pub. L. 114–94; December 4, 2015) and codified at 49 U.S.C. 5329(d), are in place to strengthen the safety of public transportation systems that receive Federal financial assistance under Chapter 53. This legislation defines requirements for the adoption of Safety Management Systems (SMS) principles and methods; the development, certification, and update of Public Transportation Agency Safety Plans; and the coordination of Public Transportation Agency Safety Plan elements with other FTA programs and proposed rules, as specified in 49 U.S.C. 5329.

In Section 20021 of MAP–21, Congress directed FTA to establish a comprehensive Public Transportation Safety Program, one element of which is the requirement for Public Transportation Agency Safety Plans. Pursuant to 49 U.S.C. 5329(d), FTA must issue a final rule requiring operators of public transportation systems that receive financial assistance under Chapter 53 to develop and certify Public Transportation Agency Safety Plans. FTA also is required to issue a rule designating certain Urbanized Area Formula Program recipients.

1.3 Terms and Abbreviations

The following definitions used in this document are consistent with 49 CFR Parts 625, 630, 670, 673, and 674 as of September 2016. The source of each is noted in brackets, including the recent “SMS Glossary of Terms: FTA’s Guide to Relevant Terms for SMS Development” of September 2016 shown as “[SMS]”

1. **Accident:** Any event involving a transit vehicle or taking place on transit-controlled property where one or more of the following occurs:
 - A loss of life;
 - A report of a serious injury to a person;
 - A collision of a transit vehicles;
 - A runaway of transit vehicle
 - An evacuation for life safety reasons; or
 - Any transit vehicle, at any location, at any time, whatever the cause
 - An accident must be reported in accordance with the thresholds for notification and reporting set forth in Part 674.
2. **Administrator:** The Federal Transit Administrator or the Administrator’s designee
3. **Advisory:** a notice from FTA to recipients regarding an existing or potential hazard or risk in public transportation that recommends recipients take a particular action to mitigate the hazard or risk. [670]
4. **Agency Safety Plan (ASP):** a document adopted by a Transit Agency detailing its safety policies, objectives, responsibilities, and procedures.
5. **Audit:** an examination of records and related materials, including, but not limited to, those related to financial accounts. [670]
6. **BTW:** Behind-The-Wheel, a type of required Operator training
7. **CEL:** Certifiable Elements List
8. **CEO:** Chief Executive Officer of the Transit Agency
9. **Chief Safety Officer (CSO):** an adequately trained individual who has responsibility for safety and reports directly to an chief executive officer, Chief Executive Officer, president, or equivalent officer. The CSO does not serve in other operational or maintenance capacities, [unless Transit Agency is a small public transportation provider as defined in Part 673, or a public transportation provider that does not operate a rail fixed guideway public transportation system]. [673, SMS]
10. **CM:** Construction Manager.
11. **Consequence:** the potential outcome(s) of a hazard. [SMS]
12. **Continuous Improvement:** a process by which a transit agency examines safety performance to identify safety deficiencies and carry out a plan to address the identified safety deficiencies. [SMS]
13. **Contractor:** An entity that performs tasks on behalf of FTA, a State Safety Oversight Agency, or a Transit Agency, through contract or other agreement
14. **Corrective Action Plan (CAP):** A plan developed by a Transit Agency that describes the actions the Transit Agency will take to minimize, control, correct, or eliminate risks and hazards, and the schedule for taking those actions. Either a State Safety Oversight Agency or FTA may require a Transit Agency to develop and carry out a Corrective Action Plan

- 15. Direct recipient:** an entity that receives funds directly from the Federal Transit Administration. [625]
- 16. Event:** An Accident, Incident, or Occurrence
- 17. Facility:** a building or structure that is used in the provision of public transportation. [625]
- 18. FMLA:** Family Medical Leave Act
- 19. FRA:** The Federal Railroad Administration is an agency within the United States Department of Transportation
- 20. FTA:** The Federal Transit Administration is an agency within the United States Department of Transportation
- 21. Grade Crossing** (as defined in the National Transit Database glossary): an intersection of roadways, railroad tracks, or dedicated transit rail tracks that run across mixed traffic situations with motor vehicles, streetcar, light rail, commuter rail, heavy rail or pedestrian traffic; either in mixed traffic or semi-exclusive situations.
- 22. Hazard:** Any real or potential condition that can cause injury, illness, or death; damage to or loss of the facilities, equipment, rolling stock, or infrastructure of a rail's fixed guideway public transportation system; or damage to the environment
- 23. Hazard Analysis:** The method by which hazards are identified and analyzed as to their possible effects upon the safe operation of the entire system (i.e.: Failure Mode and Effect Analysis, Fault Tree Analysis, Stress Analysis, etc.)
- 24. Hazard Identification:** formal activities to analyze potential consequences of hazards during operations related to provisions of service
- 25. Hazardous Condition:** An immediate condition that could cause an accident involving personal injuries or death
- 26. Incident:** An unforeseen event or occurrence that does not necessarily result in death, injury, contact, or property damage. As defined by the FTA, and Incident is:
- A personal injury that is not a serious injury;
 - One or more injuries requiring medical transport; or
 - Damage to facilities, equipment, rolling stock, or infrastructure that disrupts the operations of a transit agency
- 27. Individual:** Any person at the property of a transportation system
- 28. Injury:** Any physical damage or harm to persons because of an incident that requires immediate medical attention away from the scene
- 29. Investigation:** The process of determining the causal and contributing factors of an accident, incident, or hazard, for preventing recurrence and mitigating risks
- 30. Lagging Indicators:** provide evidence, through monitoring, that intended safety management outcomes have failed or have not been achieved. [SMS]
- 31. Leading Indicators:** provide evidence, through monitoring, that key safety management actions are undertaken as planned. [SMS]
- 32. Management of Change:** a process for identifying and assessing changes that may introduce new hazards or impact the transit agency's safety performance. If a transit agency determines a change may impact its safety performance, then the transit agency must evaluate the proposed change through its Safety Risk Management process. [SMS]
- 33. National Public Transportation Safety Plan:** The plan to improve the safety of all public transportation systems that receives Federal Financial Assistance under 49 U.S.C. Chapter 53
- 34. Near miss:** a safety event where conditions with potential to generate an accident, incident, or occurrence existed, but where an accident, incident, or occurrence did not occur because the conditions were contained by chance or by existing safety risk mitigations. [SMS]
- 35. NTSB:** National Transportation Safety Board, an independent federal agency

36. **Occurrence:** An Event without any personal injury in which any damage to facilities, equipment, rolling stock, or infrastructure and does not disrupt the operations of the transit agency
37. **Person:** A passenger, employee, contractor, pedestrian, trespasser, or any individual on the property of a public transportation system
38. **Performance criteria:** categories of measures indicating the level of safe performance within a Transit Agency. [673, SMS]
39. **Performance measure:** a parameter used to assess performance outcomes. [625]
40. **Performance target:** a specific level of performance for a given performance measure over a specified timeframe. [625, 673]
41. **PHA:** Preliminary Hazard Analysis.
42. **PPE:** Personal Protective Equipment
43. **Practical Drift:** the slow and inconspicuous, yet steady uncoupling between written procedures and actual practices during the provision of services [SMS]
44. **Program Standard:** is a written document developed and adopted by a State that describes the policies, objectives, responsibilities, and procedures used to provide safety and security oversight of a transit agency
45. **Public Transportation Agency Safety Plan (PTASP):** The comprehensive agency safety plan for a transit agency that is required by [49 U.S.C. 5329\(d\)](#) and based on a Safety Management System. Until one year after the effective date of FTA's PTASP Final Rule, a System Safety Program Plan (SSPP) developed pursuant to comply with [49 CFR part 659](#) will serve as the transit agency's safety plan.
46. **Public Transportation Safety Certification Training Program:** Either the certification training program for Federal and State employees, or other designated personnel, who conduct safety audits and examinations of public transportation systems, and employees of public transportation agencies directly responsible for safety oversight, established through interim provisions in accordance with [49 U.S.C. 5329\(c\)\(2\)](#), or the program authorized by [49 U.S.C. 5329\(c\)\(1\)](#)
47. **Risk:** The composite of predicted severity and likelihood of the potential effect of a hazard
48. **Risk mitigation:** A method or methods to eliminate or reduce the effects of hazards
49. **Sabotage:** The deliberate destruction of transit property or the slowing down of public transit operations by employees with the intention of damaging business or the economic condition of the transit agency
50. **Safety:** the state in which potential of harm to persons or property damage during operations related to provision of reduced to and maintained at acceptable level through continuous hazard identification and safety risk management activities
51. **Safety Certification:** The process used to verify the system meets criteria, codes, regulations, and contract requirements as they relate to safety, fire/life safety, and security
52. **Safety Performance:** an organization's safety effectiveness and efficiency, as defined by safety performance indicators and safety performance targets, measured against the organization's safety objectives. [SMS]
53. **Safety Performance Indicator:** a data-driven, quantifiable parameter used for monitoring and assessing safety performance. [SMS]
54. **Safety Performance Measurement:** the assessment of non-consequential safety-related events and activities that provide ongoing assurance that safety risk mitigations work as intended. [SMS]
55. **Safety Performance Monitoring:** the activities aimed at the quantification of an organization's safety effectiveness and efficiency during service delivery operations, through a combination of safety performance indicators and safety performance targets. [SMS]

56. Safety Performance Monitoring and Measurement: activities a transit agency must:

- 1) Monitor its system for compliance with, and sufficiency of, the agency's procedures for operations and maintenance;
- 2) Monitor its operations to identify hazards not identified through the Safety Risk Management process;
- 3) Monitor its operations to identify any safety risk mitigations that may be ineffective, inappropriate, or were not implemented as intended;
- 4) Investigate safety events to identify causal factors

57. Safety Performance Target: a specific level of performance for a given performance measure over a specified timeframe related to safety management activities. [SMS]

58. Safety Reporting Program: a process that allows employees to report safety conditions to senior management, protections for employees who report safety conditions to senior management, and a description of employee behaviors that may result in disciplinary action. [SMS]

59. Safety Review: a formal, comprehensive, on-site review by DOT or FTA of the transit agency's safety practices to determine whether the agency complies with the policies and procedures required under the Safety Plan.

60. Safety risk management: A process within a Transit Agency's Safety Plan for identifying hazards and analyzing, assessing, and mitigating safety risks

61. Security and Emergency Preparedness Plan (SEPP): is defined as a document developed and adopted by the transit agency describing the application of operating, technical, and management techniques and principles to the security aspects of the system throughout its life to reduce threats and vulnerabilities and describing the emergency preparedness policies and procedures for mobilizing the system and other public safety resources to assure rapid, controlled, and predictable responses to various types of transportation and community emergencies.

62. Serious injury: Any injury which:

- 1) Requires hospitalization for more than 48 hours, commencing within 7 days from the date of the injury was received;
- 2) Results in a fracture of any bone (except simple fractures of fingers, toes, or nose);
- 3) Causes severe hemorrhages, nerve, muscle, or tendon damage;
- 4) Involves any internal organ; or
- 5) Involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface

63. SMS Executive: A Safety Officer or an equivalent. [673]

64. SSOC: Safety & Security Operations Committee

65. State: A State of the United States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, Guam, American Samoa, and the Virgin Islands

- 66. **State Safety Oversight Agency (SSO):** An agency established by a State that meets the requirements and performs the functions specified by [49 U.S.C. 5329\(e\)](#) and the regulations set forth in this part
- 67. **Subsystem:** An element of a system that may constitute a system
- 68. **System Safety Program Plan (SSPP):** It is a document developed and adopted by the transit agency, describing its safety policies, objectives, responsibilities, and procedures. Until one year after the effective date of FTA's PTASP Final Rule, an SSPP developed pursuant to comply with [49 CFR part 659](#) will serve as the rail transit agency's safety plan.
- 69. **System Security Plan (SSP):** A document developed and adopted by the transit agency describing its security policies, objectives, responsibilities, and procedures
- 70. **Vehicle:** Any rolling stock used on a public transportation system, including, but not limited to, passenger and maintenance vehicles

1.4 Objectives and Performance Targets

CCCTA / LAVTA has established Safety Objectives, performance targets, and performance measures in compliance with the National Public Transportation Safety Plan. These are delineated in Part III: Safety Assurance.

1.5 Scope

CCCTA / LAVTA has adopted the practices and methods of SMS as described in the National Transportation Safety Plan (NSP). The purpose of this Safety Plan is to systematically implement CCCTA / LAVTA System Safety Policy and introduce safety processes where they are necessary to achieve assurance. The Safety Plan is reviewed annually to ensure all systems, equipment, facilities, plans, procedures, manuals, and training programs are compliant with established safety requirements; and that the Safety Plan reflects current SMS configuration at the Transit Agency. Specifically, the Safety Plan:

- Establishes the safety program on a company-wide basis.
- Provides a framework for implementing CCCTA / LAVTA safety management system, policy, goals and objectives.
- Identifies the relationships and responsibilities of each CCCTA / LAVTA department relative to achieving safety goals and objectives.
- Identifies the relationships and responsibilities of CCCTA / LAVTA with municipal, parish, and state governing bodies and other organizations and agencies that impact transit system safety.
- Provides a mechanism whereby CCCTA / LAVTA can demonstrate its commitment to safety, foster a positive safety culture and meet safety performance goals.
- Provides requirements that, as appropriate, contractors and suppliers meet the CCCTA / LAVTAs' safety requirements prior to commencing work while on the premises.
- Satisfies federal, state, and local requirements.
- Ensures that the system meets or exceeds accepted industry safety standards.
- Facilitates FTA safety inspections, reporting, corrective actions and general and special directives and requirements.
- Implements NSP performance criteria, state of good repair, vehicle safety standards, meet training criteria and all other safety management requirements and goals.

Chapter 2 - Safety Accountability and Responsibility

2.0 Safety and Security Operations Committee

The Safety Committee will be assigned to facilitate the incorporation of the System Safety Program into all aspects of transit operations and services. The General Manager acts as a resource for the operations, maintenance, and administrative staff, and is responsible for the administration of the System Safety Program, with assistance from management as required.

The General Manager has the authority and responsibility to:

- Perform accident/incident investigations
- Ensure all major accidents/incidents, hazards, and internal safety issues are reviewed and resolved
- Ensure internal safety reviews and inspections are conducted
- Report unacceptable hazardous conditions to the CCCTA / LAVTA executive management as soon as possible
- Work with operations and maintenance staff daily to ensure all System Safety Program requirements are implemented and Program goals and objectives are achieved
- Develop Corrective Action Plans (CAP) that result from accident/incident investigations, hazard analyses, and safety reviews and audits, as well as tracking corrective actions through completion to ensure all identified deficiencies are adequately eliminated or mitigated
- Ensure the Regional VP and Regional Safety Director are immediately notified of hazards of imminent danger or as other problems are identified or arise
- Ensure recommendations are followed upon and corrected
- Review findings and comprehensive reports with recommendations, findings, and actions that cannot be resolved by staff. Develop action plans and monitor the implementation of any corrective action plan pursuant to any reports and recommendations
- Review, approve, or recommend changes to the reports and corrective action plans, submitted to the Safety Committee for safety hazards, and threat and vulnerabilities audit findings and corrective actions, prior to submittal of the final reports to the responsible parties for implementation
- Review, approve, or recommend changes to corrective action plans developed in response to recommendations of the DOT
- Review, approve, or recommend changes to the annual reports of the internal safety review process required for submission to the DOT
- Review, approve, or recommend changes to transit safety rules and procedures established to implement the requirements and programs defined in the ASP

2.1 Contractors

Contractors are responsible for executing certain requirements outlined in the Agency Safety Plan. This responsibility includes determining and implementing countermeasures required to neutralize safety hazards and problems. The contractor is accountable and responsible for the safety performance of all personnel and equipment and for administering activities along the physical system and for reporting all accidents and incidents. All contractor employees are responsible for performing their work safely and in accordance with requirements for the

protection of themselves, co-workers, customers, and the public, considering the proper use of facilities and equipment.

The following are the management positions

- **General Manager**
- **Manager of Operations**
- **Safety Manager**
- **Maintenance Manager**

2.2 General Manager

The General Manager acts as the **direct point of contact** for the day-to-day management of the transit system. The position directs and manages all staff and contractors to ensure compliance with established bus system policies, directives, regulations and ordinances (city, state, and federal) and both the Standard Operating Procedures (SOP) and Standard Maintenance Procedures (SMP) in all phases of operation and maintenance, as well as the direct supervision of all operational, safety and maintenance staff to provide a safe, dependable, timely, and fixed transit service.

Among the assigned duties are:

- Direct and coordinate all operational personnel by establishing and monitoring program and project objectives. The Systems Operations General Manager will supervise the development and implementation of the processes and procedures, reviewing performance, completing required status changes and timekeeping documents, implementing and monitoring training. This position will oversee the safety programs, manage budgets, compiling and reporting data, supervising the hiring process, developing goals and objectives, and implementing team-building processes.
- Maintain reliable and high-quality bus service by ensuring the scheduling of personnel, facilities, and training; monitoring of ridership trends, analyzing data, verifying compliance with all regulations, and following manufacturers' instructions. Verify the correct implementation of the processes for operations, evaluating staff performance, recommending, and completing service upgrades and modifications; monitoring workflow, monitoring expenditures, coordinating operational requirements with the maintenance staff, reporting equipment failures, establishing and monitoring service standards, and developing short- and long-range plans.
- Complete administrative-related tasks by reviewing and analyzing data and statistics, coordinating and managing the budget process, addressing, and resolving labor relations issues; monitoring training and safety, developing and presenting information, writing papers, memos, and other correspondence, as well as investigating accidents and promoting safety in general.
- Administer contractual agreements with contractors and their personnel as assigned to the bus project, including supervisory, operations, and maintenance personnel. Oversee day-to-day issues, working with the contractor's manager, including safety, service quality, training, development, scheduling, discipline, and similar functions. Literally, to provide the highest level of customer service possible.
- Develop, refine, and ensure implementation of the operations and maintenance plan, and related standards and documents, such as rules and procedures. This position oversees job and position expectations for supervisory, operations, and maintenance personnel. Coordinate and oversee data and reports regarding operations and maintenance,

including key performance indicators, accident/incident reports, personnel measurements, and statistics related to any contractor's contract compliance.

- The position is responsible for identifying solutions for deviations from the Service Plan and related agreements, within the parameters of the Inter-Governmental Agreement.
- Take every reasonable precaution given the circumstances to ensure the protection of employees, patrons, and members of the public. Identify and inform employees of hazards in the workplace. Determine safe work methods and ensure employees are notified of new and modified methods. Ensure employees are trained on safety policies and procedures. Ensure employees to follow procedures. Respond to employee health and safety concerns in a timely manner.

2.3 Maintenance Manager

Under the supervision of the General Manager, the Maintenance Manager oversees:

- The maintenance and repair of equipment and facilities;
- Coordination of duties for all transit maintenance personnel and contractors as required for the safe and efficient operation of the fleet.
- Management of warranties and vendor interaction in support of all bus and facility-related equipment;
- Inspection of buildings and surrounding areas and recommended modifications or repairs;
- Planning and implementation of preventive maintenance (PM) programs for all bus equipment;
- Inspection of work in progress and recommendations regarding adjustments of personnel assigned to work, ensuring timely completion of work orders;
- Allocation of personnel, materials, and other resources to balance workflow and ensure availability of equipment;
- Servicing and daily cleaning activities of all bus equipment;
- Development and implementation of processes and procedures within the bus maintenance division to ensure the safe and efficient operation of all transit, maintenance support equipment, and bus facility equipment;
- Implementation of transit system maintenance and management programs, industrial hazard identification, accident, and security incident notification, internal maintenance, and safety audits, emergency preparedness, and response;
- Training sessions with maintenance and equipment support personnel on a regular basis;
- Regulatory compliance and implementation of training materials in coordination with Safety personnel;
- Completion of all maintenance tasks, monitoring of vehicle performance trends, analysis of data, ensuring compliance with all regulations and establishment of Original Equipment Manufacturer processes;
- Development and execution of comprehensive plans to consistently improve safety performance across all areas.
- Safe work methods and communications with personnel to ensure they are notified about new and modified maintenance methods consistent with procedures and policies;
- Ensure personnel are trained, and that safety policies and procedures are continuously reviewed;
- Supervision of assigned staff;
- Scheduling, assigning, instruction, guidance, and follow-up on work;

- Appraisal of employee performance;
- Training and development;
- Personnel rules and regulations and work behavior standards are enforced in an impartial manner
- Interview applicants, hiring, discipline, merit pay, and/or other employee status changes, while counseling, motivating, and maintaining harmony in the workforce.

2.4 Operations Manager

Under the supervision of the General Manager he/she is responsible for the following responsibilities:

- Assist in planning, organizing, coordinating, and directing transit on fixed route and/or demand response operations through subordinate supervisors, ensuring timely, efficient, and safe customer service.
- Provide guidance and direction to subordinate supervisors in route and shift coverage to ensure timeliness of service, customer satisfaction, and compliance with safety requirements set forth by Federal Transit Administration (FTA) regulations and motor carrier requirements.
- Monitor daily operations, meet with route supervisors on service-related issues, such as road closures or special assignments; maintain and analyze complaint files for service improvement.
- Issue written and/or oral instructions to transit supervisors and dispatchers.
- Monitor overtime and other operating expenses.
- Oversee and monitor fixed route and demand response to ensure enough staffing to facilitate orderly movement of passengers.
- Investigate and respond to complaints from public officials, other departments, and/or the public.
- Provide accurate information to inquiries and respond to complaints, including complaints from individuals who may be irate.
- Ensure accidents / complaints are properly investigated.
- Interact with other departments, supervisors, co-workers, and the public.
- Assign, schedule, and monitor work.
- Appraise employee performance and review subordinates' appraisals.
- Provide for training and development.
- Counsel, motivate, and maintain supervisor-subordinate harmony.
- Identify and resolve staff differences, conflicts, and deficiencies.
- Investigate grievances, take statements, and make recommendations.
- Interview applicants.
- Recommend hiring, discipline, termination, merit pay or other employee status changes.
- Enforce personnel rules and regulations; work behavior standards firmly and impartially.
- Monitor and ensure equitable distribution of overtime.
- Promote the observation of safe work practices.
- Monitor sick leave abuse and oversee vacation sign-up.
- Ensure all accidents or emergencies are properly investigated

2.5 Safety Manager

CCCTA / LAVTAs' safety compliance falls under the responsibility of the Safety Manager. Under the supervision of the General Manager, the Safety Manager verifies and assesses the daily operations of CCCTA / LAVTA. The Safety Manager has the authority to stop any work or operation if it represents an imminent hazard.

The Safety Manager has among their duties, the following:

- Assists in accident investigation;
- Performs investigation of security breaches;
- Conducts unannounced, random inspections;
- Performs annual safety audits;
- Manages hazard analysis;
- Provides safety & security training;
- Conducts threat and vulnerability assessments; and
- Answers as responsible party for all System Safety regulatory reporting requirements.

The Safety Manager's responsibilities in the day-to-day activities may include, but are not limited to:

- Directing/overseeing the overall safety operations of jobsites and on-board systems including reporting and conducting safety meetings;
- Directing/overseeing the development and implementation of training programs (operator, safety policy courses, passenger/assistance service sensitivity classes, etc.);
- Directing/overseeing the security program for all facilities (including on-road), remote surveillance, and on-board camera systems;
- Training of staff;
- Developing and monitoring contents of classroom training to ensure compliance;
- Investigating incidents, accidents, hazardous conditions, and work-related injuries, including accident reports, accident files, accident register, and follow up with the claims' office and adjusters as necessary;
- Planning, scheduling, and conducting monthly safety meetings based on safety and security training goals and objectives;
- Setting up regular accident review committees to determine preventability of accidents;
- Addressing employees' safety complaints;
- Developing and maintaining the Operational Hazard Analysis Log;
- Assists the Chief Safety Officer with the Corrective Action Plans (CAPs) implementation and follow-up.
- Maintain the OSHA 300 Log

Chapter 3 - Emergency Management & Public Safety Liaison (EMPSL)

3.0 Emergency Management

Beginning in pre-revenue operations period and continuing into revenue service, this position is responsible for coordinating emergency response planning and drills among various law enforcement and other first responder groups. These include, but are not limited to, the US Department of Homeland Security, police and fire departments, private security organizations, emergency medical units, public health resources, and other police units including state, city, and contracted security. The EMPSL serves as the liaison to the local Emergency Operations Center (EOC) whenever it is activated due to an incident involving or affecting service or property.

3.1 Integration with Public Safety & Emergency Management

As required by CCCTA / LAVTA, the Manager of Safety or designee, will coordinate, conduct, and/or participate in safety / security related drills and exercises with Homeland Security, and other agencies, such as local Fire and Police. The purpose of participation is to ensure all potential emergency responders are familiar with equipment and property. Participation may include hands-on training, demonstrations, video demonstrations, handouts, or any other media. Minimally, emergency responder training will include basics of vehicle and system operation, familiarization with operations and routing, and emergency entry methods into vehicles.

The contractor will implement new findings from emergency drills and exercises and ensure appropriate and timely employee training occurs, as necessary. Furthermore, to ensure personnel are trained to perform satisfactorily during emergency conditions, annual recertification will incorporate discussion and refresher training regarding procedures, practices, actions, and responsibilities during emergency situations. After action reports are developed following emergency drills and exercises, those reports will be documented and maintained

Training for employees and local public safety organizations, along with more extensive discussion is contained in the SSEPP.

3.2 Documentation & Record Keeping

All safety activities are formally documented. The type of document used will vary depending on the type of activity. The following is a list of activities and the type of document used for documentation.

Activity	Type of Document
Inspections	Checklist Photos Evidence that finding have been corrected
Audits	Notification letters Auditing Checklist Auditing report with supportive documentation Corrective Actions generated by the audit
Safety Meetings	Agendas Attendant Sheet
Training	Agenda Attendant sheet Training material

For record keeping, CCCTA / LAVTA uses a combination of paper and digital files are kept in the Safety Manager's office, as the current recordkeeping storage service. All official documentation generated on the project must be saved on the cloud for record keeping. Documents kept on the drive include, but are not limited to, letters to DOT, audit reports, Corrective Action Plans, and Hazard Log(s).

Maintenance work orders, pre-trip inspections, etc. generated in hard copy will be kept on record by the department manager. Those documents must be kept in an organized form, in a location that prevents deterioration and keeps them secure.

Official documents must be kept for a period of no less than 3 calendar years. The process for destroying official documentation will follow AGENCY guidelines.

Part II - Hazard Management Process

Chapter 4 – Safety Risk Management

4.0 Safety Risk Management

The objective is to identify hazardous conditions and/or behaviors, document them, develop and apply mitigation strategies, and assess if they can be eliminated or minimized to an acceptable risk status.

CCCTA / LAVTA defines a hazard as any real or potential condition/behaviors that can cause injury, illness, or death; damage or loss of the facilities, equipment, rolling stock, or infrastructure of a transit system; or damage to the environment. The Safety Manager is directly responsible for the implementation and ongoing management of the Hazard Management process. This includes:

- Developing, updating, and auditing the program;
- Training all designated transit employees and contractors on the hazard management process; and
- Documenting and tracking all identified hazards up to resolution.

The hazard resolution process is from ‘cradle to grave’ and can be applied throughout the 5 phases of the system life cycle, which are:

1. Planning
2. Design
3. Construction
4. Operations
5. Decommissioning

Hazard analysis attempts to determine the set of primary events in the hazard generation process. Upon identification of these events, CCCTA / LAVTA will undertake measures to mitigate, control, or eliminate the generation of hazards in ways that can reduce their risk to an acceptable level. Hazard resolution is the corrective action taken in response to the hazard identification and assessment process, but time and resource restrictions may determine the level of resolution that can be accomplished.

The following are actions addressed in hazard resolution:

- Eliminate the hazard, if possible
- Implement training, procedural strategies, or technology approaches, as appropriate, to reduce the hazard
- Provide training to educate the workforce on possible hazards
- If hazard cannot be eliminated, reduce exposure to the hazard identified.

Monitor the Hazard Mitigation to determine if the risk has been managed to an acceptable level, to ensure it does not re-occur. Refer to SOP titled “*Hazard Management Plan*” for details.

4.1 Safety Hazard Identification

Hazard identification encompasses a set of methodologies that first searches throughout the system for anything with the potential to do harm. Identification of hazards is the responsibility of all divisions and is the key to system safety. Identified hazards are analyzed for severity, occurrence frequency, and cost feasibility of remedial action required to eliminate or reduce the hazard to the lowest practical level. The Safety Manager shall review all hazards identified. Hazards can be identified in several ways such as:

- Design Review
- Daily walk-throughs
- Monthly facility self-inspections
- On board in cab cameras (e.g.: Event Vehicle Recorders)
- Accidents, Incidents, and System Reliability, and Failure Reports
- Ride Checks and Proficiency Checks
- System Inspections, Audits, and Regulatory Inspections
- Customer, Contractor, and Employee Complaints
- Safety Committee
- Transit Industry Experience
- Employee Safety Reporting

CCCTA / LAVTA will use a hazard identification and analysis process before purchasing and accepting new equipment and/or modifications of existing facilities, systems or rolling stock, and infrastructure elements.

4.1.1 Hazard Analysis Methods

Analysis of a hazard is based on both the probability of occurrence and the severity of an event. Hazards with greatest potential to cause serious injury will take highest priority for immediate resolution. Hazard analysis also attempts to reduce the severity of events by introducing protective devices and equipment, procedures and/or forms, or system modifications that reduce the amount of human and property damage resulting from an accident.

While identifying every hazard is virtually impossible, there are two methods for orderly identification of hazards: inductive and deductive analysis.

- **The inductive hazard** identification process consists of an analysis of system components to identify their respective failure modes and the effects they may have on the total system. This process assumes the failure of single elements or events and, through analysis, determines the potential consequential effects on the system or subsystem.
- **The deductive hazard** identification process involves defining an undesired effect (e.g. collision, fire) and then deducing the possible conditions or system component faults (or combinations of them) necessary to cause the undesired effect.

The Safety Manager will continually evaluate the project using the methods described above to identify new hazards. This will be documented as described in this document.

For existing infrastructure elements, vehicles, procedures/processes management should consider using audits – either ad hoc or structured - based on identified safety issues to identify existing hazards and hazard potentials.

In addition, the Safety Manager utilizes a variety of software and technologies (e.g.: Incident database, data visualization software, EVRs) to assist in his/her analysis efforts.

4.2 Safety Hazard Assessment

Hazard Risk Assessment is a quantitative calculation based on largely subjective judgments used to determine the risk associated with each hazard and thus the urgency for implementing corrective measures to eliminate or reduce risks to a level of acceptability. Risk Assessment is comprised of evaluating hazard severity (categorizing the hazard) and evaluating hazard probability. The factors considered in this analysis include system safety, schedule, and the impact on the public's perception of safety on the system in the community where the system operates.

4.2.1 Hazard Severity

Hazard severity is a subjective determination. As data is accumulated over time, an objective determination applicable specifically to AGENCY can be derived. The determination reflects a credible mishap that could be anticipated to result from human error, procedural deficiencies, design inadequacies, component failure, or malfunction. Hazard Severity is based on the U.S. Department of Defense Military Standard for Systems Engineering (MIL-STD-882-E) as follows:

Table 1: Definition of Severity

SEVERITY CATEGORIES		
Description	Severity Category	Criteria
Catastrophic	1	Could result in one or more of the following: Death, permanent total disability, irreversible significant environmental impact, or monetary loss equal to or exceeding \$10M.
Critical	2	Could result in one or more of the following: Permanent or partial disability, injuries, or occupational illness that may result in hospitalization of at least three personnel, reversible significant environmental impact, or monetary loss equal to or exceeding \$1M but less than \$10M.
Marginal	3	Could result in one or more of the following: Injury or occupational illness resulting in one or more lost workday(s), reversible moderate environmental impact, or monetary loss equal to or exceeding \$100K but less than \$1M.
Negligible	4	Could result in one or more of the following: Injury or occupational illness not resulting in a lost workday, minimal environmental impact, or monetary loss less than \$100K.

The categorization of hazards is consistent with risk-based criteria for severity; it reflects the principle not all hazards pose an equal amount of risk to personal or system safety. During the performance of hazard analyses, CCCTA / LAVTA will identify any Category 1 Catastrophic and Category 2 Critical hazards. These hazards will be addressed immediately. These issues will be monitored using the Hazard and CAP logs.

4.2.2 Hazard Probability

The probability of an event or hazard occurring may be defined as a ratio of the number of times a specific event occurs to the total number of trials in which this event may occur during the planned life expectancy of a system. Generally, hazard probability is described qualitatively in potential occurrences per units of time, miles, trips/runs or passengers carried. Table 2 identifies the probability thresholds used by the CCCTA / LAVTA for hazard assessment. A hazard probability may be derived from the analysis of transit system operating experience, evaluation of safety data or from historical safety data from other passenger bus systems and/or demand response.

Table 2: Definition of Exposure

PROBABILITY LEVELS			
Description	Level	Specific Individual Item	Fleet or Inventory
Frequent	A	Likely to occur often in the life of an item	Continuously experienced
Probable	B	Will occur several times in the life of an item	Will occur frequently
Occasional	C	Likely to occur sometime in the life of an item	Will occur several times
Remote	D	Unlikely, but possible to occur in the life of an item	Unlikely, but can
Improbable	E	So unlikely, it can be assumed occurrence may not be experienced in the life of an item	Unlikely to occur, but possible
Eliminated	F	Incapable of occurrence. This level is used when potential hazards are identified and later eliminated	Incapable of occurrence. This level is used when potential hazards are identified and later

Table 3: Risk Assessment Value

RISK ASSESSMENT MATRIX				
SEVERITY PROBABILITY	Catastrophic (1)	Critical (2)	Marginal (3)	Negligible (4)
Frequent (A)	High	High	Serious	Medium
Probable (B)	High	High	Serious	Medium
Occasional (C)	High	Serious	Medium	Low
Remote (D)	Serious	Medium	Medium	Low
Improbable (E)	Medium	Medium	Medium	Low
Eliminated (D)	Eliminated			

4.3 Safety/Risk Hazard Mitigation

Resolution of hazards utilizes the results of the Risk Assessment Process. The objectives of the hazard resolution process are to:

1. Identify areas where hazard resolution requires a change in the system design, installation of safety devices, or development of special procedures;
2. Verify hazards involving interfaces between two or more systems have been resolved; and
3. Verify the resolution of a hazard in one system does not create a new hazard in another system.

The following methodology to ensure system safety and security objectives to eliminate or control hazards. These controls are implemented throughout design, construction, procurement, and operations:

1. Design out hazards or design to minimize hazard severity to the extent permitted by cost and practicality. Identified hazards are eliminated or controlled by the design of equipment, systems, and facilities.
2. Develop mitigating provisions for hazards that cannot reasonably be eliminated or controlled through design which are controlled to an acceptable level using fixed, automatic, or other protective safety design features or devices. Provisions are made

for periodic performance of functional checks of safety devices and employee training to meet system safety objectives.

3. When design, training, and safety devices cannot reasonably nor effectively eliminate or control an identified hazard, safety warning devices are used (to the extent practicable) to alert persons of the hazard.
4. Where it is impossible to reasonably eliminate or adequately control a hazard through design or the use of safety and warning devices, procedures and training are used to control the hazard. Cautionary notations are standardized for use by all persons involved and safety-critical issues will require certification of authorized personnel.

The Initial Risk Index defines the magnitude of any specific hazard item without implementation of design, construction, procurement, or operational measures to control or mitigate the risk.

The Safety Manager will identify sets of proposed mitigation actions to eliminate or control each identified risk and evaluate the Residual Risk Index, based on those mitigating actions, to assess the potential effectiveness, and inform the GM of the determination of whether the hazard is adequately controlled or mitigated.

Part III - Safety Assurance

Chapter 5 - Safety Assurance

5.1 Performance Monitoring and Measurement

5.1.1 Accident Investigation

All employees and contractors are expected to comply with CCCTA / LAVTAs' accident and incident reporting procedures and use the forms prescribed. Roles, responsibilities, and accident reporting thresholds are outlined in the procedure, including accident notification, reporting, and investigation throughout the organization. The level of investigation required is dependent on the seriousness of the event.

Each accident/incident is investigated as specified in the CCCTA / LAVTA Accident Investigation Plan (AIP). The AIP complies with 49 CFR Part 672 and 673, State Safety Oversight Rule for bus incidents/accidents.

5.1.1.1 Accident / Incident Investigation and Reporting Criteria

CCCTA / LAVTA must make reports available to DOT and the MPO regarding accidents/incidents. The Safety Manager conducts internal accident investigations on its behalf, unless otherwise notified.

All investigations conducted by CCCTA / LAVTA will follow the Accident Investigation Plan.

DOT/MPO may participate in the investigation process when it is conducting the investigation on DOT's behalf. If DOT elects to address an investigation of accidents or incidents, CCCTA / LAVTA may also conduct an independent investigation.

5.1.1.2 Internal Notification of Accidents/Incidents and Unacceptable Hazards

In the instance where an accident or incident occurs, the Supervisor or frontline employee will notify the established contact personnel included in the Emergency Notification list that an accident/incident has occurred. The Supervisor will provide the time of the occurrence, the location, and any other important details. The Emergency Notification Group includes the notification to the established appointed contacts at the location.

5.1.1.3 Notification of Accidents and Incidents to External Agencies

Recordable accidents tracked by CCCTA / LAVTA and made available to DOT, MPO and FTA

1. Fatality (occurring at the scene or within 30 days following the accident):
2. One or more persons requiring immediate medical treatment away from the scene of the accident
3. One or more vehicles incurring disabling damage and needing to be towed from the scene of the accident as result of the accident.

Job related employee fatalities shall be reported to OSHA within 8 hours of occurrence. In-patient hospitalization, amputation, or eye loss shall be reported within 24 hours.

Pursuant to the NTD Safety and Security Reporting Manual, **substantial damage** is defined as damage to any involved vehicles, facilities, equipment, rolling stock, or infrastructure that:

1. Disrupts the operations of the transit agency
2. Adversely affects the structural strength, performance, or operating characteristics of the vehicle, facility, equipment, rolling stock, or infrastructure, requires towing, rescue, on-site maintenance, or immediate removal prior to safe operation.

Substantial damage excludes damage limited to:

1. Cracked windows;
2. Dents, bends, or small puncture holes in the body

5.1.1.4 Accident/Incident Reporting and Documentation

Each bus investigation conducted on behalf of DOT must be documented in a final report that includes a description of investigation activities, findings, identified causal factors, and a corrective action plan, if applicable. All accident reports must follow the requirements established in the Accident Investigation Plan. At its discretion, and as specified in its accident investigation plan, CCCTA / LAVTA may separate its investigation report into two parts:

1. Description of investigation activities, investigation findings, and determination of the most probable cause and additional contributing causes; and
2. Recommendations to prevent recurrence, including a corrective action plan which implements the recommendations.

CCCTA / LAVTA prepares written accident and unacceptable hazardous condition reports on standard forms. Such written reports are maintained. Reports contain the most probable cause, other contributing causes, corrective action plans, and a schedule for implementing corrective actions.

The status investigation reports at a minimum shall include:

1. Minutes of any meeting held by a local safety ad hoc reportable event investigation committee or contractor;
2. Disclosure of any immediate corrective actions of planned or completed principal issues or items currently being evaluated; and
3. Overall progress and status of the investigation.

Written reports are filed for all occurrences that fall into the category of an accident, incident, or injury. The Safety Manager files a monthly statement of all accidents, incidents, unacceptable hazardous conditions, and tracks open corrective action items through completion.

In addition, CCCTA / LAVTA maintains a file of the annual safety performance report in a format available for review by DOT at any time during an investigation. The report shall be prepared and a full briefing on the known circumstances of the event, status of CCCTA / LAVTA's investigation and investigation activities.

Reports and records of accident investigations submitted to DOT by CCCTA / LAVTA as well as related reports and records produced by both DOT and CCCTA / LAVTA will be treated as

confidential information, and will not be released without concurrence by both DOT and CCCTA / LAVTA

5.1.2 Safety Data Acquisition

CCCTA / LAVTA has the responsibility to monitor the safety performance of operations. The Safety Manager is responsible for compiling and analyzing all safety data to determine if safety performance meets established safety goals. This data includes injuries to passengers, contractor personnel, public; potentially hazardous equipment failures; unacceptable hazardous conditions, and rules as well as procedure violations. A closed-loop reporting system for identifying and monitoring safety-related items has been established. To close out each incident, safety verification activities and results are reviewed and audited by the General Manager and reviewed by the Safety Manager. The Safety Manager is responsible for providing safety data to the General Manager for review. The Safety Manager monitors Safety Key Performance Indicators utilizing several tools and provides monthly progress updates to the GM.

Tracking of hazard related- data is used to identify trends. These trends are further analyzed and/or investigated to determine causal factors. Tools available to the Safety Manager include Risk-Based Analysis, Monthly Performance reviews, EVR data, and data analysis and trends.

The Safety Manager is responsible for information regarding accidents, incidents, hazardous conditions, and operations which are obtained from different reporting mechanisms. These include but are not limited to: Accident/Injury Reports and Investigations, Incident Reports, Daily Operations Summaries, Operator, and Supervisor Reports; Employee/Occupational Injury reports, mining of maintenance data, analysis of vehicle records, and procurement contracts.

5.1.3 Internal Audits

The purpose of internal system safety audits is to perform an official evaluation of accomplishments, problems, and trends related to safety and to evaluate the effectiveness of the implementation of the Agency Safety Plan. The Safety Manager is responsible for the direction of the safety reviews and audits of its contractors to determine performance related to the Safety goals and objectives.

Organizational functions subject to the safety audit process include:

- Facility inspections
- Maintenance audits/inspections
- Review of rules, standard operating procedures, special bulletins, and orders
- Review of training/re-certification programs
- Emergency response planning, coordination, training
- Configuration Management
- Systems modifications (review and approval)
- Safety data analysis
- Employee safety programs
- Hazardous materials program
- Interdepartmental safety goals and objectives
- Occupational safety and health programs
- Contractor safety
- Procurement and specification engineering
- Drug and Alcohol Testing Program

- Any aspect or responsibility as outlined in this document

CCCTA / LAVTA and contractors are subject to safety audits. The critical nature of certain operations requires rigorous development of reviews and audits. These include training, maintenance, and operations activities. Both periodic and no-notice inspections are undertaken to address all aspects of the activity including documentation, practices, and compliance with the Agency Safety Plan and other requirements. The Safety Manager reviews training, practices, and procedures to correct deficiencies identified during the performance of audits or other safety activities, including inspections and emergency drills.

5.1.3.1 Safety Audit Process

The Safety Manager is responsible for the management of the Internal Safety Audit Program. All CCCTA / LAVTA employees and contractors are required to cooperate fully with Safety and Security personnel. Executive and senior managers ensure their areas participate fully in the safety audit process.

5.1.3.2 Integrity of the Process

To maintain the integrity of the review process, an external audit team is used to conduct safety audits. The Safety Manager does not perform audits/reviews of those functions and elements for which it is directly responsible to implement. No team member shall audit a function or activity for which they are responsible.

5.1.3.3 Auditing Cycle

The Internal Safety Audit Process is intended to be an ongoing, continuous safety review process.

Over a three-year period, all elements of the ASP must be audited at least once. The Internal Safety Audit Process is intended to be an ongoing, continuous safety review process. It is intended that at least 2 components of the ASP will be audited per year. The schedule is revised as necessary to accommodate schedules for auditors and the audited divisions.

The Audit Schedule presented in this section is as follows:

•• Year 1

1. Full SSPP (expected to be the last SSPP Audit)

•• Year 2

1. Safety Promotion:

- a. Training Program
- b. Safety Communication

2. General Requirements

3. Safety Policy

- a. Safety Management Policy
- b. Employee Safety Reporting
- c. Key Management & Responsibilities

•• Year 3

1. Risk Management

- a. Risk Management
- b. Safety Hazard Identification Safety Risk Assessment
- c. Safety Mitigation
- d. Safety Assurance:
- e. Performance Monitoring and Measurement
- f. Management of Change
- g. Continuous Improvement

An annual audit schedule must be developed, reviewed, maintained and updated to ensure all elements are reviewed during the three (3) year audit cycle.

The Safety Manager notifies the division/organization a minimum of 30 days in advance of a scheduled safety audit.

5.1.3.4 Checklists and Performance of Safety Audits

The checklists include the elements on which the department will be audited. Checklists are prepared during the review of the Agency Safety Plan section, documents referenced in the Agency Safety Plan section, previous audits, and corrective actions.

Pre-audit and post-audit conferences are held by the audit team with the entity being audited. The safety audits are comprised of record reviews, interviews, field observations, and inspections and measurements to verify the accuracy of documentation and spot inspections of facilities and equipment to verify compliance with the Agency Safety Plan, procedures, codes, and regulations.

5.1.4 Rule Compliance

All CCCTA / LAVTA employees and its contractors are responsible for the prevention of accidents, identification of hazards, and resolution of such hazards. Reports of all accidents, incidents, occurrences, deficiencies, near misses and defects will be maintained by the Manager of the appropriate department.

CCCTA / LAVTA is assigned the responsibility for the safe operation of vehicles. Responsibilities include:

- Preparation and implementation of safe operating policies, plans, rules and procedures.
- Development of safety policies, plans, rules, and procedures for safe operation and maintenance.
- Personnel are annually re-trained in the proper performance of all applicable safety-related rules and procedures that cover their specific job function.
- Ensure the number of hours worked during a seven-day period does not exceed DOT limits;
- Ensure the number of consecutive days worked does not exceed DOT limits;

- Employees are provided copies of safety and emergency rules, procedures, and policies that affect them;
- Monitoring adherence to safety-related operating and maintenance policies, plans, rules and procedures through periodic in-service evaluations using the “Observation Report Form” by CCCTA / LAVTA Supervisors or a Manager. All deficiencies are reported, in written form, for review, re-instruction, or re-training. Supervisor Driver Evaluations, and rule conformance frequency shall follow the requirements outlined in Employee Qualifications & Rule Book;
- When necessary, performance coaching or re-instruction training for Supervisors is performed by CCCTA / LAVTA. Supervisors are expected to comply with all rules and enforcement thereof, as they apply to the management of bus service and the management of personnel. Additionally, Supervisor skills are assessed annually from participation in the driver Recertification Program;
- Personnel, whose safety record requires follow-up, additional training or discipline, including discharge, are identified through maintenance of records
- CCCTA / LAVTA will be required to develop a preventive maintenance schedule, for each system hardware element, which is designed to maintain system safety. Reported deficiencies and defects in equipment and facilities are corrected and monitored to assure satisfactory resolution. Only equipment known to be free of safety-related defects are placed into service.

5.1.5 Inspections

CCCTA / LAVTA must be effective to ensure all systems, equipment and facilities operate as required, or in the event of failure or degradation of functionality, operational safety is not compromised. This aspect of maintenance directly pertains to the safety of transit customers, emergency response agencies, the public, employees and subcontractors of transit.

5.1.5.1 Safety Inspections

Safety inspections will be conducted by the Safety Manager and/or the department heads. The inspections will be unannounced and documented with checklists and photos. Safety inspections perform by the contractor will be done in accordance to their company guidelines and procedures.

5.1.5.2 Facilities Inspections

All operating, and maintenance facilities will undergo a complete inspection by the Contractor at least once a year to ensure the safety and health of employees. Individual maintenance shops within the maintenance facilities are inspected monthly. Inspection reports are issued which list the hazards and the safety and health problems found during the inspection. Hazards identified during the inspection process are subject to the hazard management process. Follow-up inspections and reports are completed within 30 days. If the findings of the inspection can't be resolve within 24 hours, a work order will be opened and tracked until the finding is resolved.

5.1.5.3 Equipment Inspections

Inspections of facility equipment are made in accordance with appropriate maintenance manuals and procedures. The Maintenance Manager will ensure equipment and facilities are maintained at an optimum level of safety. Hazards identified during inspections are entered the Hazard Tracking Log as appropriate and tracked until closure is achieved.

5.1.5.4 Vehicles

All vehicles are maintained at a minimum in accordance with manufacturer recommendations. Most of the maintenance is time driven based maintenance. Maintenance is tracked and coordinated through time schedules, which are maintained by the contractor. All records are currently maintained in a manual database under completed maintenance for each vehicle. All hard copies are kept and in independent books for each vehicle for 1 year. All work completed for each vehicle is tracked through assigned repair order numbers for all repairs, or, designated maintenance inspection intervals. CCCTA / LAVTA is responsible for document control.

Maintenance schedules will follow a progressive preventative maintenance cycle starting with the lowest mileage (routine inspection) through mid-level and major inspections. All vehicle inspections cover the equipment progressing at higher levels of detail for each inspection. Once the highest level of inspection is reached, the cycle starts again. In conjunction with the inspection cycle, mid-level and major overhauls are scheduled. These are time-based overhauls and rebuilds of major equipment per the manufacturer requirements.

The maintenance criteria described above is strictly followed. If a bus is at the mileage or time requirement and the scheduled maintenance is not complete, the bus must be removed from service until the required maintenance is complete. No vehicles can carry passengers in service with any DOT Out OF Service violations/criteria.

5.1.5.5 Resolution of Review/ Inspection Findings

Each facility inspection report is sent to create the appropriate work orders, if applicable It identifies specific areas and targets specific recommendations for corrective action. Unacceptable hazards identified are reported to the Safety Manager.

Work Orders are generated for defects identified during Fleet Maintenance, Facilities Management and Systems Maintenance inspections.

5.1.6 Hazardous Material & Local, State & Federal Regulations

The Occupational Safety and Health program is directed towards achieving a safe working environment for employees and minimizing the likelihood of accidents. The program emphasizes the recognition, evaluation, and control of hazards arising in and from the occupational environment.

5.1.6.1 Facilities Inspections

CCCTA / LAVTA operating, and maintenance facilities undergo a complete inspection by the contractor at least once a month to ensure the safety and health of employees. Individual maintenance shops within the maintenance facilities are inspected monthly. Inspection reports are issued which list the hazards and the safety and health problems found during the inspection. Follow-up inspections and reports are completed within 30 days.

5.1.6.2 Hazardous Materials Control

CCCTA / LAVTA is fully aware of the importance of employee chemical safety programs and the duty to comply with legally mandated hazardous materials rules and regulations.

CCCTA / LAVTAs' Hazard Communication Programs complies with Title 29 Code of Federal Regulations Part 1910.1200, Hazard Communication Program. The Hazard Communication

Program covers the procurement, receipt, storage, and disposal of hazardous materials. It also documents the maintenance of Safety Data Sheet (SDS) binders and employee training.

Hazardous waste/chemical safety inspections are included in the responsibilities for safety inspections. When necessary, consultants may be hired for special projects such as indoor air quality, chemical vapor and particulate sampling.

The Safety Manager reserves the right to reject a product if it is deemed either too hazardous for employee use or is unable to provide adequate safeguards or protection.

The SDS review/request procedure, which requires SDS review and approval by the Safety Manager or designee is included in the Hazard Communication Program. These programs are the responsibility of the affected division and the Safety Manager. Program effectiveness is reviewed via the Internal Safety Audit Process. Safety Data Sheets (SDS) for all hazardous materials considered for purchase and use are reviewed by the contractor for approval. The user furnishes the manufacturer's SDS for hazardous products and information on the planned use and application methods. Follow-up is conducted on the field use of approved products to ensure safe/proper handling methods are utilized. The Maintenance Manager is responsible for keeping current files of all SDS.

5.1.6.3 Personal Protective Equipment

All personal protective equipment used by CCCTA / LAVTA personnel is reviewed and approved by the Safety Manager in accordance with respiratory, hearing conservation, electrical gloves and other applicable safety standards.

5.1.6.4 Safety/Industrial Hygiene Training and Education

CCCTA / LAVTA provides training to employees in basic, safe work practices and hazard identification. Employees exposed to chemicals and/or potentially overexposed to physical agents receive training in industrial hygiene principles, use and care of personal protective equipment and hazards and safe handling methods of chemicals.

5.1.7 Drug & Alcohol Program

CCCTA / LAVTA is certified as a drug-free workplace and complies with all provisions of the U.S. Department of Transportation, Federal Transit Administration, 49 CFR Part 655, Prevention of Alcohol Misuse in Transit Operations and 49 CFR Part 40 Procedures for Transportation Workplace Drug and Alcohol Testing Programs.

Covered employees receive a minimum of 60 minutes of training on the effects and consequences of prohibited drug use and additional training on the effects of alcohol on personal health, safety, the work environment, and on the signs and symptoms that may indicate prohibited drug use. Supervisors will, in addition to the covered employee training, receive an additional 60 minutes of training on the physical, behavioral, speech and performance indicators of probable drug use.

CCCTA / LAVTA is responsible for administering the Drug and Alcohol-Free Workplace regulations. CCCTA / LAVTA managers are responsible for administering the Substance Abuse Policy.

Drug and alcohol testing are required under the following circumstances:

- Drug testing shall comply with DOT regulations and test for the following substances:
 - Marijuana
 - Cocaine
 - Phencyclidine (PCP)
 - Amphetamines (e.g. racemic amphetamine, dextroamphetamine, and methamphetamine)
 - Opioids (e.g. heroin, morphine, codeine)
- Pre-Employment, including placement of an existing employee in a safety sensitive position (drug test only)
- Reasonable suspicion that an employee has used a prohibited drug or misused alcohol
- Post-accident following certain types of accidents
- Random testing for safety sensitive personnel
- Return to duty following completion of drug/alcohol rehabilitation program
- Follow-up testing for employees who have sought and completed a treatment program. Under the FTA drug testing regulations for employees in safety sensitive positions, laboratory tests on urine specimens are conducted for five types of drugs or their metabolites.

5.1.8 Employee Safety Reporting

Safety reporting is an essential part of SMS. CCCTA / LAVTA management must foster an atmosphere of trust that encourages and rewards employees for providing safety-essential information, even if it is self-incriminating, without fear of reprisal. An effective SMS empowers employees with the confidence to raise concerns that may lead to serious safety/quality error and assures them someone will listen to them and investigate their issues or concerns in a professional manner — all without fear they will face unduly harsh penalties for admitting to genuine mistakes.

A robust employee safety reporting system will provide:

- Unique – Information you can't get any other way
- Authentic – Individuals who know best are directly providing the information
- Timely – Direct reporting overcomes time lag of mandatory reporting processes
- Diverse – Information from different individuals with different experiences and perspectives
- Comprehensive – Multiple reports over time reveal patterns, trends, and the scope of an issue

Foothill Transit-Arcadia will implement an Employee Self Reporting program that will:

- Incentives employees to report any safety related situation
- Emphasize benefits for safety, not safety record
- Establishes clear guidelines for unacceptable behavior
- Balance learning and accountability
- Establishes several methods for employees to report safety issues.

As we know self-reporting is not a get out of jail free card. It is a process that if what happened was a real mistake, the focus will be on re-education and not on the punitive action.

The following table presents a guideline in cases of safety events:

Human Error	At-Risk Behavior	Reckless Behavior
An inadvertent action – slip, lapse, mistake	A choice – risk not recognized or believed justified	Conscious disregard of unreasonable risk
Manage through: <ul style="list-style-type: none"> > Processes & procedures > Checklists > Training > Design 	Manage through: <ul style="list-style-type: none"> > Increase situational awareness > Remove incentives for at-risk behavior > Create incentives for safe behavior 	Manage through: <ul style="list-style-type: none"> > Remedial action > Punitive action

What is important to emphasize is any cultural change in the organization will take time to be fully implemented and see the results of these changes.

5.2 Management of Change

Configuration Management requirements will be included in all contracts to ensure changes to the design of equipment and facilities, after design reviews, are adequately documented and approved. The configuration management process uses baseline management to ensure the technical baseline is defined and controlled throughout the maintenance and operation phase, and the end products satisfy the technical and operational requirements derived from the system needs.

Selected documentation, such as as-built drawings, manuals, procedures, and other documents, are formally designated and approved as part of the technical baseline and are under CCCTA / LAVTA for future capital projects, all documents related to the segment/phase that are under the control of a contractor will be turned over for control and maintenance following completion of said phase.

For future capital or Maintenance improvement projects, the designated contractor shall be responsible for quality control testing and inspections if required in accordance with an approved Quality Control Plan.

Additions or modifications to Bus Operations Standard Operating Procedures (SOP), and to the existing configuration of presently operating system fixed facilities, rolling stock, and equipment directly related to operation of rolling stock, are approved by the Regional Vice President of Operations. These reviews are established to ensure system and operational changes are approved prior to implementation, and drawings, manuals, and other related documents, including training programs, are updated to reflect these changes, which are also reflected in the Maintenance Management Plan.

Upon the approval of any system or operations change CCCTA / LAVTA will create a Special Instruction or create and/or revise current Standard Operating Procedure to advise affected employees. Supervisors will distribute, individually to each employee, the new control document,

ensuring each employee understands the operational change as it applies to their job. Each employee is required to sign for their copy and place the updated material into their SOP book.

5.3 Continuous Improvement

Continuous improvement is measured through monitoring safety performance indicators. Progress is related to the maturity and effectiveness of the SMS. Safety assurance processes support improvements to the SMS through continual verification and follow-up actions.

These objectives are achieved through the application of internal evaluations and independent audits of the SMS. Compliance of this requirement is indicated when:

- The Safety Committee has the necessary authority to make decisions related to the improvement and effectiveness of the SMS; or
- The SMS is periodically reviewed for improvements in safety performance.

This element is satisfied when the organization routinely monitors the SMS performance to identify potential areas of improvement and the outcomes of this process lead to improvements to the safety management system.

Best Practices

- There is evidence of lessons learned being incorporated into the policy and procedures;
- The organization benchmarks its SMS against other organizations and is an active promoter of SMS within the transportation industry;
- Best practice is sought and embraced;
- Surveys and assessments of organizational culture are carried out regularly and acted upon;
- For safety related services the organization requires contracted organizations not required by regulations to have an SMS; and
- Contractors can participate and share information in the SMS

5.3.1 Agency Safety Plan Annual Review Process

CCCTA / LAVTA shall be the authority for the development, implementation, and management of the ASP. It also has the primary responsibility of implementing the ASP with oversight and review by the General Manager. Annual review of the ASP is mandatory and *Foothill Transit-Arcadia* specific responsibilities within the ASP framework include, but are not limited to:

- a. By September of each year notify the Safety Manager of any recommended changes to the ASP for review and approval by the General Manager
- b. Revisiting the ASP annually to reflect changes in organizational structure and new systems that require significant changes in operation
- c. Review progress on goals and objectives
- d. Refine and improve on the current goals and objectives of the SMS program
- e. Identify new tasks or objectives to respond to system growth or any new regulations that effect safety and security
- f. Identify any additional or emerging safety or fire/life safety-related tasks and responsibilities.

On-going review and revision of the ASP ensures the document remains currently

Part IV - Safety Promotion

Chapter 6 – Safety Promotion

6.1 - Competency & Training Program

6.1.1 Overview

Safety training is conducted on facilities, equipment, and vehicles. Operating rules and standard operating procedures (SOPs) will be prepared by CCCTA / LAVTA and provided to all personnel. The Safety Manager oversees the formulation of training programs and records. The General Manager and Manager of Operations maintain SOPs and Rules and maintains all records, which are kept at the facility.

CCCTA / LAVTA periodically completes reviews and oversight activities associated with the training program. Activities or functions judged to be safety-critical may require special training and/or certification. This ongoing training is included in regular safety meetings and all documentation is also kept at the facility.

Refresher training is accomplished at least annually for operations and maintenance employees and when situations related to employee performance warrant it. Emergency responders are also trained during the pre-revenue period and during drills that occur at least annually. These are also documented, and records retained at the facility.

6.1.2 Employee Safety

6.1.2.1 Operations Personnel Training

All bus operators will be required to successfully have completed the *Foothill Transit-Arcadia* bus operation training program (Operator Development Program). This course covers Standard Operating Procedures and Operator Rules that govern the operation. New Operators are also provided Behind The Wheel training by a certified Instructor.

New Bus Operators are also evaluated by established Operators and Supervisors using an Observation Report Form. New Operators must meet all criteria satisfactorily or they receive additional training. The Safety Manager, on a separate occasion prior to certification, will determine whether each Operator demonstrates safe control of the revenue vehicle or needs additional training. Each Operator is certified with both written and practical testing to validate operational readiness.

Annually, each operator is given a refresher course on the rules and procedures and will recertify with written and practical testing. The re-certification may consist of one or more of the following: a quiz, a checklist, a test, and a demonstration of troubleshooting techniques. Any person who fails the annual examination is given special retraining.

Updated training materials will be developed under coordination by the Manager of Operations / Safety personnel and Supervisors prior to the opening of any new bus extension or major

modification to the existing routes or introduction of new vehicles. Operations personnel will be certified by either written or practical testing.

CCCTA / LAVTA operators are subject to periodic in-service evaluation of Operators by Route Supervisors who monitor their compliance to rules and procedures outlined in the Rule Book and SOPs. Route Supervisors shall complete a Driver Evaluation Form after completion of the in-service evaluation and will review the information in the report with the Operator. Positive reinforcement is given as warranted. Operators observed violating rules or procedures may be subject to progressive discipline.

CCCTA / LAVTA will maintain a Rule Violation Log that chronicles violations each month and administers all disciplinary actions, retraining, re-instructions, and determines the consequence of any rule violations.

Supervisors are provided training periodically and also receive Operational Safety Leadership courses on-line through a *Foothill Transit-Arcadia* E-Learning portal.

6.1.2.2 Maintenance Personnel Training

Maintenance requirements, methods, and procedures for the facility equipment and systems will be described in manuals, handbooks, and other documentation developed for the training and certification of maintenance personnel. Use of personal protective equipment, emergency equipment, and safety instructions are included within the training program.

Maintenance personnel are required to operate buses, heavy equipment, or other specialized vehicles/equipment/apparatus and will be certified by both written and practical testing to document the employee's knowledge of safety and operating procedures and skill in the proper and safe operation and procedures. Annually, each employee will re-certify in the proper and safe use of the equipment/vehicles with written and practical testing. Any person who fails the annual examination will be given special retraining.

6.1.2.3 Safety Training

Safety information on approved methods and procedures are used in manuals, handbooks, and other documentation developed for the training and certification of operators and maintenance personnel. Identification of protective devices and emergency equipment are included in the training documentation and instruction. In addition, safety posters and notices are used, as appropriate, to enhance awareness during all phases of system operations. Proficiency demonstrations and certifications are required of all operators and maintenance personnel. Safety concerns are incorporated in briefings given to personnel prior to their working with hardware or facilities. The Safety Manager will make reviews of the safety training program every six months to ensure training materials and programs remain consistent with employee needs.

6.1.2.4 Emergency Response Personnel Training

Training to familiarize fire, police, and emergency service personnel with facility requirements is coordinated through and conducted by CCCTA / LAVTA. Emergency preparedness and response drills are developed by CCCTA / LAVTA. Training classes, drills, and after-action reviews are then conducted with emergency service personnel and *Foothill Transit-Arcadia* personnel to:

- Ensure the adequacy of emergency plans and procedures
- Ensure readiness of the CCCTA / LAVTA personnel to perform under emergency conditions
- Ensure effective coordination between the CCCTA / LAVTA and emergency response personnel and outside agencies.

6.1.3 Contractor Safety

Contractors, not part of operations activities associated with the facility must seek approval, in writing, from CCCTA / LAVTA to perform work on property and infrastructure. CCCTA / LAVTA must ensure the requesting party abides by CCCTA / LAVTA safety requirements. Requirements include but are not limited to: reflective safety vests, safety signaling to operators, and an understanding of all unsafe conditions. CCCTA / LAVTA may require contractors to attend safety classes prior to approval and issuance of an Access Permit; this requirement depends on the work request. CCCTA / LAVTA will determine which contractors shall attend such classes and receive certification prior to the approval and issuance of an Access Permit when necessary.

6.1.4 Record Keeping

Personnel records of all training activity by employees are maintained by CCCTA / LAVTA.

6.1.5 Compliance with Training Requirements

The internal audit process includes the means of determining that all necessary training is conducted and documented including the proper qualification of operating and maintenance personnel. Training materials, testing, and grading processes are reviewed and evaluated for completeness and accuracy.

The audit process is guided by the following criteria related to training compliance:

- Identify training requirements for all personnel related to safety. This encompasses initial and refresher training of procedures, equipment uses, and manufacturers' training. Also reviewed is retraining requirements identified due to accident or incident investigations.
- Review all training programs identified for safety adequacy.
- Assess the effectiveness of the training programs and on-the-job experience by the conducting emergency scenarios, drills, audits, and evaluations. These job evaluations are based on job performance, statistical trends, and public feedback.
- Review employee performance, including employee records and conduct in-person interviews to confirm technical knowledge and issues.
- Evaluate training provided to operations personnel and emergency response personnel when substantive operational changes are made, or with the introduction of new equipment, facilities, or specialty vehicles

6.2 Safety Communication

CCCTA / LAVTA has a robust Safety Communications program consisting of:

- Monthly Safety Meetings Initiative
- Topic-specific videos, posters, bulletins addressing risk-prioritized defensive driving and injury prevention topics
- Safety Campaigns
- Local management communications
- Intranet Communications
- Safety Posters and Bulletins

Appendix V

1. Total number of Fatalities: _____
2. Total number of Fatalities per vehicle revenue mile, by mode: _____
3. Total number of reportable injuries: _____
4. Total number of reportable injuries per vehicle revenue miles, by mode: _____
5. Total number of reportable events: _____
6. Total number of reportable events per vehicle revenue mile, by mode: _____
7. Mean Distance between Failures (breakdowns): _____

Reportable injury

An injury resulting from a Reportable Event, which requires immediate off-site medical attention.

Reportable Event

A safety or security event occurring on transit right-of-way or infrastructure, at a transit revenue facility, at a transit maintenance facility or rail yard, during a transit related maintenance activity or involving a transit revenue vehicle that results in one or more of the following conditions:

Non-Rail Modes:

- A fatality confirmed within 30 days of the event
- An injury requiring immediate medical attention away from the scene for one or more person
- Property damage equal to or exceeding \$25,000
- Collisions involving transit revenue vehicles that require towing away from the scene for a transit roadway vehicle or other non-transit roadway vehicle
- An evacuation for life safety reasons

HAZARD PROBABILITY TABLE

Probability Level	Description
A – Frequent	Likely to occur frequently. Continually experienced in the fleet/inventory.
B – Probable	Likely to occur several times in life of an item. Likely to occur frequently in the fleet/inventory.
C – Occasional	Likely to occur sometime in life of an item. Likely to occur several times in the fleet/inventory.
D – Remote	Unlikely, but possible to occur in the life of an item. Reasonably expected in the fleet/inventory.
E – Improbable	So unlikely, occurrence is not expected. Unlikely to occur, but possible in the fleet/inventory.

RISK ASSESSMENT FREQUENCY/SEVERITY MATRIX

Frequency	Severity			
	1 Catastrophic	2 Critical	3 Marginal	4 Negligible
A – Frequent	1/A	2/A	3/A	4/A
B – Probable	1/B	2/B	3/B	4/B
C – Occasional	1/C	2/C	3/C	4/C
D – Remote	1/D	2/D	3/D	4/D
E – Improbable	1/E	2/E	3/E	4/E

HAZARD RESOLUTION TABLE

Severity / Frequency	Resolution
1/A 1/B 1/C 2/A 2/B 3/A	Unacceptable—correction required.
1/D 2/C 2/D 3/B 3/C	Unacceptable—correction may be required after review by CEO.
1/E 2/E 3/D 3/E 4/A 4/B	Acceptable—with review by CEO.
4/C 4/D 4/E	Acceptable—without review.

SAFETY EVENT INVESTIGATION/REPORTING PROCEDURES MANUAL

Revised November 1, 2020

This SOP establishes procedures for the investigation and documentation of all safety event involving LAVTA services. This document complies with the requirements of Title 49, Code of Federal Regulations Section 673 and National Transit Database reporting criteria, which require Safety to investigate bus safety-events including collisions, fires, evacuations, and other safety occurrences otherwise not classified.

RESPONSIBILITY

These procedures apply to employees (including contracted) that are involved in the investigation of safety events, including but not limited to the Chief Safety Officer and SMS administrators (such as System Safety Manager). For the purpose of this manual, the principal incident investigators will be referred to as Transportation Safety Specialists (TSS).

DEFINITIONS

Reportable Safety-event: Any collision, derailment, or explosion involving a LAVTA bus or any other loss-causing event that results in a fatality or injury to a passenger or employee, or the emergency evacuation of persons (Ref. NTSB 49CFR540, modified)

Safety-Event Classification: The type of safety event is identified as the first reportable event in sequence.

Classification protocol: If a bus collides with another vehicle and then catches on fire, for example, the safety-event is classified as a collision. On the other hand, if a bus catches on fire then collides with another object, the safety-event is classified as a fire. In other words, the safety event will be classified according to the first event that occurred.

First Knowledge: An official notification from the employee, police, paramedics, hospital, or employee's family of the seriousness of an injury.

Fatality: Anyone involved in a safety event, as defined by this SOP, who dies within 30 days of incident-related injuries shall be considered a "fatality." If an incident is evaluated to be suicide/attempted suicide, the TSS shall note that on the final report. Any such classification of fatality as suicide/attempted suicide will be made in conjunction with the Medical Examiner and Police Department (Police Department - only classify homicide).

Collision: A safety event involving undesired/unplanned contact between an LAVTA vehicle and another vehicle, person, object, or animal.

High-Visibility Safety Event: A safety event, regardless of type and/or severity that generates widespread publicity and may warrant a formal investigation.

Injury Safety Event (not serious): A safety event that causes any person involved in the safety event to require either medical treatment at the scene of the accident or to be transported to a medical facility for treatment.

Injury Safety Event (serious): All safety-events in which (1) a pedestrian, customer on the LAVTA vehicle, or occupant(s) of another vehicle sustains serious or potentially life-threatening injuries, as determined by on-site Emergency Medical Services (EMS) personnel, and (2) is subsequently transported and admitted to a medical

facility.

Intersection: A place where two roads or highways meet. The space which is bounded by the far limit lines of each road.

NTD – National Transit Database.

NTD Reportable Accident: A safety event which meets the reporting requirements of the National Transit Database Reporting Manual

PROCEDURES

NOTIFICATION OF SYSTEM SAFETY

Whenever there is a safety event involving a LAVTA motor coach, Operators and other employees shall immediately notify dispatch and Operations Management. If a TSS is unavailable, dispatch shall attempt to contact the System Safety Manager and then the Chief Safety Officer.

The TSS or System Safety Manager shall assume responsibility for the investigation.

INVESTIGATION PROCESS

REQUIRED REPORTING TO THE SCENE

The TSS shall report mandatorily to any major safety event such as:

1. Fatality;
2. Person under a bus;
3. Multiple serious injuries involving transport to the hospital;
4. Catastrophic damage to a LAVTA vehicle;
5. Collision involving multiple non-LAVTA vehicles and major damage or injuries.

DOES NOT REQUIRE REPORTING TO THE SCENE

The TSS may elect not to report to a safety event, which may be NTD reportable but do not involve any of the criteria necessary for reporting to the scene. Clearing of a scene depends on the type and seriousness of the Safety Event. For example:

6. If fatality, the Medical Examiner will clear the scene
7. If a serious injury or crime, law enforcement having jurisdiction, usually local PD, will clear the scene.
8. If a fire on the surface right-of-way or subway station, local FD will clear the scene.
9. If minor Safety Event, such as a non-injury hit-and-run collision with no police response, the Road Supervisor may clear the scene

From time to time, for minor bus Safety Events, the Road Supervisor should be able to clear the scene before the arrival of Safety personnel provided that he or she takes photographs and marks the vehicle locations with chalk or crayon allowing Safety personnel to complete their required investigation at a later time.

WHEN REPORTING TO THE SCENE

When reporting to a major, high-visible accident scene, the TSS should collect the following information:

- a. Names, addresses, and phone numbers of witnesses;
- b. The number of injuries including fatalities (Injuries are defined as those requiring immediate transport to a medical facility.);
- c. Names, age, sex, addresses, and phone numbers, if possible, of injured parties, including fatalities;
- d. Driver's license and insurance information from drivers of other involved vehicles;
- e. License plate numbers from other involved vehicles and their description;
- f. Names and agencies of emergency personnel on scene;
- g. Witness statements;
- h. Statement of operator(s), if possible;
- i. If the operator is available for interview, ask questions about the operator's level of fatigue, sleeping patterns, use of prescription and nonprescription medication, and use of alcohol;
- j. Photograph the safety event scene and involved vehicles, in accordance with the attached checklist (See Appendix, B);
- k. Develop a safety-event scene sketch, which identifies by measurement the location of important items, including but not limited to vehicles, road marks, rail marks, debris, and victims;
- l. Contact Ops to request on-board video surveillance retrieval;
- m. Verify that video surveillance retrieval has occurred;
- n. Arrange for appropriate storage of any evidence obtained at the scene;
- o. Notify Bus Vehicle Maintenance to secure the vehicle pending inspection by police and System Safety personnel.

OFF-SCENE INVESTIGATION

When collecting information off scene and throughout the investigation, the TSS shall collect and review the following:

- Obtain copies of Police Department, Fire Department, and/or Medical Examiner report(s);
- Obtain copies of Operator and Inspector's accident reports;
- Obtain Vehicle Condition Reports from Vehicle;
- Obtain Vehicle Repair Estimates;
- Determine if FTA post-accident substance testing was completed;
- During the post-safety event interview, enquire about the Operator's use of drugs, including illegal, prescription, over the counter, and/or alcohol;
- Based upon the operator's responses to interview questions and his/her appearance, determine whether the operator may have been impaired by fatigue, illness, medication, or alcohol;
- Obtain information on condition of injured person(s), if possible;
- Review of applicable rules, procedures, and training material to determine if the Operator's performance was within established rules and practices;
- Review field sketches, diagrams, and safety-event scene photos, with specific attention to road marks, skids, marks on rails, evidence of derailment location, evidence of emergency brake application;
- Check track gauge in case of derailment;
- Consult with other TSS's and the System Safety Manager concerning skid-speed analysis for rubber-tire vehicles;
- Consult with Fleet Engineering concerning emergency-brake application and stopping distances;
- Obtain reports of brake-efficiency testing from Bus Maintenance;
- Using safety database software, review accidents previously occurring at the same location and determine what corrective actions LAVTA may have implemented.
- Determine the most probable and contributory causes, including, but not limited to, fatigue, work schedule, hours of service, drug/alcohol use, mechanical failure, rule or regulatory violation, and procedural

violation

MAJOR REPORT CONTENTS

System Safety Manager shall develop a comprehensive report for the Chief Safety Officer and Accountable Executive:

- Transit Safe (or Intalex and NTD Report Numbers on the cover sheet
- Description of the Incident;
- Safety event Scene Sketch;
- Safety event Scene Photographs and Vehicle Photographs;
- Number and severity of injuries/fatalities;
- Estimates of Property Damage;
- Relevant Investigation Steps taken by System Safety;
- Results and Findings of System Safety's Investigation;
- Identification of Most Probable Cause;
- Identification of Contributory Causes;
- Recommendations, if any, to prevent re-occurrence;
- Statement of Confidentiality and Attorney-Client Privilege.

DRAFT REPORTS

Within thirty (30) calendar days, the investigating TSS will forward a draft of the final report along with the complete hard-copy file to the System Safety Manager. The System Safety Manager will review and make any appropriate changes, within five calendar days, and return the draft, with comments, to the TSS for revision. As soon as the revisions are made, the TSS will submit the revised report to the System Safety Manager. Once the System Safety Manager is satisfied with the report, he/she will submit it to the Chief Safety Officer, who will, in turn, submit the report to the Accountable Executive.

NATIONAL TRANSIT DATABASE

As soon as possible and no later than 30 days after a reportable safety event, the System Safety Manager or designee will make an entry into NTD for a safety event meeting the NTD reporting criteria (NTD Safety & Security Reporting Manual). The System Safety Manager or designee will save a PDF copy of the NTD S&S 40 report and provide that PDF to the TSS for safety event investigation file. The TSS will include the NTD report in the investigation file and the NTD number on the title of the major minor-event report.

APPENDICES & REFERENCES

Title 49 CFR 673 (PTASP and SMS)

NTD Safety and Security Reporting Manual

Employee Handbook

Livermore Amador Valley Transit Authority

Revised 01/06/2020

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Required Policies

Introductory Statement

Welcome! As an employee of Livermore Amador Valley Transit Authority (the Authority), you are an important member of a team effort. We hope that you will find your position with the Authority rewarding, challenging, and productive.

Because our success depends upon the dedication of our employees, we look to you and the other employees to contribute to the success of the Authority.

This employee handbook is intended to explain the terms and conditions of employment of all full- and part-time employees and supervisors. Written employment contracts between Livermore Amador Valley Transit Authority and some individuals may supersede some of the provisions of this handbook.

This handbook summarizes the policies and practices in effect at the time of publication. This handbook supersedes all previously issued handbooks and any policy or benefit statements or memoranda that are inconsistent with the policies described here. Any conflict between this Handbook and Board adopted Policies will be governed by Board adopted policies. Your supervisor or manager will be happy to answer any questions you may have or you may contact the Director of Finance, who is responsible for Human Resources/Personnel functions for the Authority.

Equal Employment Opportunity

Livermore Amador Valley Transit Authority is an equal opportunity employer and makes employment decisions on the basis of merit. We want to have the best available persons in every job. Authority policy prohibits unlawful discrimination based on race, color, creed, sex (including pregnancy, childbirth, breastfeeding, and related medical conditions), sex stereotyping, gender, religion (including religious dress and grooming practices), marital status, registered domestic partner status, age, national origin or ancestry (including language use restrictions and possession of a driver's license issued to persons unable to prove their presence in the United States is authorized under federal law [Vehicle Code section 12801.9]), physical or mental disability, medical condition including genetic characteristics, sexual orientation, gender identity (including transgender identity and transitioning), gender expression, family care or medical leave status, military or veteran status, marital status, domestic partner status, or any other consideration made unlawful by federal, state, or local laws. It also prohibits unlawful discrimination based on the perception that anyone has any of those characteristics, or is associated with a person who has or is perceived as having any of those characteristics. All such discrimination is **unlawful**.

The Authority is committed to compliance with all applicable laws providing equal employment opportunities. This commitment applies to **all** persons involved in Authority operations and prohibits unlawful discrimination by any employee of the Authority, including supervisors and coworkers.

To comply with applicable laws ensuring equal employment opportunities to qualified individuals with a disability, the Authority will make reasonable accommodations for the known physical or mental limitations of an otherwise qualified individual with a disability who is an applicant or an employee unless undue hardship would result.

Any applicant or employee who requires an accommodation in order to perform the essential functions of the job should contact the Director of Finance and request such an accommodation. The individual with the disability should specify what accommodation he or she needs to perform the job. The Authority then will conduct an interactive process to identify the barriers that interfere with the equal opportunity of the applicant or employee to perform his or her job. The Authority will identify possible accommodations, if any, that will help eliminate the limitation. If the accommodation is reasonable and will not impose an undue hardship, the Authority will make the accommodation.

If you believe you have been subjected to any form of unlawful discrimination, submit a complaint to your supervisor or the Director of Finance. Your complaint should be specific and should include the names of the individuals involved and the names of any witnesses. If you need assistance with your complaint, or if you prefer to make a complaint in person, contact the Director of Finance. The Authority will immediately undertake an effective, thorough, and objective investigation and attempt to resolve the situation.

If the Authority determines that unlawful discrimination has occurred, effective remedial action will be taken commensurate with the severity of the offense. Appropriate action also will be taken to deter any future discrimination. The Authority will not retaliate against you for filing a complaint and will not knowingly permit retaliation by management employees or your coworkers.

Right to Revise

This employee handbook contains the employment policies and practices of Livermore Amador Valley Transit Authority in effect at the time of publication. All previously issued handbooks and any inconsistent policy statements or memoranda are superseded.

Livermore Amador Valley Transit Authority reserves the right to revise, modify, delete, or add to any and all policies, procedures, work rules, or benefits stated in this handbook or in any other document. However, any such changes must be in writing and must be signed by the Executive Director of Livermore Amador Valley Transit Authority.

Any written changes to this handbook will be distributed to all employees so that employees will be aware of the new policies or procedures. No oral statements or representations can in any way alter the provisions of this handbook.

This handbook represents the Board adopted policies and LAVTA's best practices and may be revised from time to time.

Harassment, Discrimination, and Retaliation Policy & Complaint Procedure (adopted by BOD 04/06/09)

I. PURPOSE OF POLICY

This policy establishes a strong commitment by the Livermore Amador Valley Transit Authority (hereinafter referred to as "LAVTA") to:

- (i) Prohibit harassment in employment;
- (ii) Inform all employees, officers and officials of LAVTA that harassment is illegal;
- (iii) Ensure that unprofessional behavior that creates a hostile work environment will not be tolerated;
- (iv) Set forth a procedure for investigating and resolving internal complaints of harassment.

II. POLICY

It is LAVTA's policy to provide a workplace free of unlawful and improper harassment, discrimination, and retaliation. LAVTA's policy prohibiting harassment applies to all persons involved in the operation of LAVTA. LAVTA prohibits harassment, disrespectful or unprofessional conduct by any employee of LAVTA, including supervisors, managers and co-workers. LAVTA's anti-harassment policy also applies to vendors, customers, independent contractors, unpaid interns, volunteers, persons providing services pursuant to a contract and other persons with whom you come into contact while working. Harassment or discrimination on the basis of race, religious creed (including religious dress and grooming practices), color, national origin (including language use restrictions and possession of a driver's license issued to persons unable to prove their presence in the United States is authorized under federal law [Vehicle Code section 12801.9]), ancestry, physical or mental disability, medical condition, genetic information/characteristics, marital status, sex (including pregnancy, childbirth, breastfeeding, and related medical conditions), gender, gender identity/gender expression/transgender (including whether or not you are transitioning or have transitioned), sexual orientation, age, military or veteran status, or any other basis protected by federal, state, or local law will not be tolerated.

III. DISCIPLINARY ACTION

- (i) Appropriate disciplinary action up to and including termination, will be instituted for violation of this policy;
- (ii) Any retaliation against a person for filing a harassment charge or making a harassment complaint will be cause for appropriate disciplinary action, up to and including termination.

IV. DEFINITION OF "HARASSMENT"

A. "Harassment" includes, but is not limited to:

- (1) Verbal Harassment: For example, epithets, derogatory jokes or comments, or slurs or unwanted sexual advances, invitations, comments, posts or messages on the basis of any status protected by law. This shall include inappropriate sex oriented comments and stories, or appearance, including dress or physical features, or race oriented stories.
- (2) Physical Harassment: For example, assault, unwanted touching, intentionally impeding or blocking normal movement, or any physical interference with normal work or movement because of sex, race or any other protected basis.. This could include conduct in the form of pinching, grabbing, patting, propositioning, leering or making explicit or implied job threats or promises in return for submission to physical acts.
- (3) Visual Forms of Harassment: For example, derogatory and/or sexually-oriented posters, photography, notices, bulletins, cartoons, or drawings on the basis of any status protected by law.
- (4) Sexual Favors: Threats and demands to submit to sexual requests or sexual advances as a condition of continued employment, or to avoid some other loss and offers of employment benefits in return for sexual favors

Sexual harassment does not need to be motivated by sexual desire to be unlawful or to violate this policy. For example, hostile acts toward an employee because of his/her gender can amount to sexual harassment, regardless of whether the treatment is motivated by sexual desire.

Prohibited harassment is not just sexual harassment but harassment based on any protected category.

V. RESPONSIBILITIES

Each employee is responsible to ensure that his/her conduct or actions do not violate the law or this policy, and that he/she does not actively or passively condone any form of harassment.

Supervisors must refer all complaints involving harassment, discrimination, retaliation or other prohibited conduct to LAVTA's **Executive Director** so LAVTA can try to resolve the complaint.

VI. COMPLAINT PROCESS

A. Filing of Complaint

An employee or job applicant who believes he or she has been harassed,

discriminated, or retaliated against shall make a complaint to his or her supervisor or LAVTA's Executive Director or designee. If an employee believes he or she is being harassed by the Executive Director, he or she may make his or her complaint to the Director of Finance. If an employee believes he or she is being harassed by a Boardmember, he or she may make his or her complaint to the Chair of the Board. If an employee believes he or she is being harassed by the Chair of the Board, he or she may make his or her complaint to the Vice-Chair of the Board.

B. Investigation of Complaint

1. When LAVTA receives allegations of misconduct, it will immediately undertake a fair, timely, thorough and objective investigation of the allegations in accordance with all legal requirements. LAVTA will reach reasonable conclusions based on the evidence collected.

Complaints will be:

- Responded to in a timely manner
- Kept confidential to the extent possible
- Investigated impartially by qualified personnel in a timely manner
- Documented and tracked for reasonable progress
- Given appropriate options for remedial action and resolution
- Closed in a timely manner

(i)

2. Upon receipt of the complaint, the Executive Director or designee, or Director of Finance, or Chair of the Board, or Vice Chair of the Board shall carry out a confidential investigation of the complaint. The investigation may include interviews with:
 - a. The complainant;
 - b. The accused harasser;
 - c. Any other persons the investigator has reason to believe have relevant knowledge concerning the complaint.
3. Review factual information gathered during the investigation to determine whether the alleged conduct constitutes harassment; giving consideration to all factual information, the totality of the circumstances, including the nature of verbal, physical, visual or sexual conduct and the context in which the alleged incident occurred.
4. Report the results of the investigation and the determination as to whether harassment occurred to appropriate persons including the complainant, and to the Department Director.
5. If harassment occurred, appropriate and effective corrective and remedial action will be taken in accordance with the circumstances involved. LAVTA also will take appropriate action to deter future misconduct. The action will be commensurate with the severity of the offense. If the harasser is the Executive Director or Legal Counsel,

take a recommendation to the LAVTA Board of Directors for prompt and effective remedial action. If the harasser is a member of the Board, the Board will take prompt and effective remedial action.

6. Any employee determined by LAVTA to be responsible for harassment, discrimination, retaliation or other prohibited conduct will be subject to appropriate disciplinary action, up to, and including termination. Employees should also know that if they engage in unlawful harassment, they can be held personally liable for the misconduct.
7. Take reasonable steps to protect the victim and other potential victims from further harassment.
8. Take reasonable steps to protect the victim from any retaliation as a result of filing of the complaint.
9. Employees also should be aware that the Federal Equal Employment Opportunity Commission and the California Department of Fair Employment and Housing investigate and prosecute complaints of prohibited harassment, discrimination and retaliation in employment. If an employee thinks he or she may have been harassed or discriminated against or that he or she has been retaliated against for resisting, complaining or participating in an investigation, the employee may file a complaint with the appropriate agency. The nearest office can be found by visiting the agency websites at www.dfeh.ca.gov and www.eeoc.gov.

VII. CONFIDENTIALITY

LAVTA will maintain confidentiality to the extent possible. However, LAVTA cannot promise complete confidentiality. LAVTA's duty to investigate and take corrective action may require the disclosure of information to individuals with a need to know. Every effort will be made to protect the privacy of the parties involved in the complaint. None of the documents and files pertaining to the complaint will be made available to the general public.

VIII. DISSEMINATION OF POLICY

All employees, officers and officials should be given copies of this policy, and this policy shall be posted in appropriate places.

Hiring

New Hires

The first six months of continuous employment at Livermore Amador Valley Transit Authority is considered an introductory period. During this time you will learn your responsibilities, get acquainted with fellow employees, and determine whether or not you are happy with your job. Your supervisor will closely monitor your performance.

Upon completion of the introductory period, Livermore Amador Valley Transit Authority will review your performance. If the Authority finds your performance satisfactory and decides to continue your employment, it will advise you of any improvements expected from you. At that time, you may express suggestions to improve the Authority's efficiency and operations.

Regular Employees

Regular employees are those who are hired to work on a regular schedule. Regular employees may be classified as full-time or part-time.

Full-Time Employees

Full-time employees are those who are scheduled for and do work 40 hours per week (2080 hours per year). Full-time employees are eligible for most employee benefits described in this handbook effective on the date of hire or the first of the month following hire date.

Part-Time Employees

Part-time employees are those who are scheduled for and do work fewer than 40 hours per week, but not fewer than 20 hours (1040 hours per year). Part-time employees are eligible for the Authority benefits as defined in the LAVTA Personnel Policy.

Temporary Employees

Temporary employees are those employed for short-term assignments. Short-term assignments generally are periods of three months or fewer; however, such assignments may be extended. Temporary employees are not eligible for employee benefits except those mandated by applicable law.

Job Duties

During the introductory period, your supervisor will explain your job responsibilities and the performance standards expected of you. Be aware that your job responsibilities may change at any time during your employment. From time to time, you may be asked to work on special projects, or to assist with other work necessary or important to the operation of your department or Livermore Amador Valley Transit Authority. Your cooperation and assistance in performing such additional work is expected.

Livermore Amador Valley Transit Authority reserves the right, at any time, with or without notice, to alter or change job responsibilities, reassign or transfer job positions, or assign additional job responsibilities.

Leaves of Absence

Paid Time Off (PTO)

All regular full time and part time employees are entitled to paid time off based upon their years of active service. Active service commences with an employee's first day of work and continues thereafter unless broken by an absence without pay, a leave of absence, or termination of employment. Temporary employees do not accrue paid time off.

Employees may carry over accrued PTO from one year to the next. Paid time off can accrue to a maximum of 346 hours. Once this cap is reached, all accrual of additional PTO shall cease until the balance falls below the maximum accrual limit. PTO accrual will recommence after the employee has used his or her PTO and the accrued PTO hours have dropped below the maximum balance.

Employees become eligible to take paid time off any time after the employee's first day of employment, as work schedules permit and subject to supervisory approval.

Employees may use accrued paid time off for any reason, including paid vacation leave, paid sick leave, medical and dental appointments, or any other type of paid time off. Employees will need to schedule time off with their supervisors.

On termination of employment, employees are paid all accrued but unused vacation through their last day worked at their base rate of pay at the time of termination.

Employees on unpaid leave do not accrue paid time off.

Paid time off will be accrued on the following basis for full-time employees:

Length of Service	PTO Accrued Each Pay Period
Beginning with the first day of service through the fifth year anniversary (without a break in service)	6.77 Hours
Following the fifth year	8.31Hours

Part-time employees accrue PTO on a pro-rata basis.

An employee may not use paid time off before its accrual. Employees will not be paid for any time in excess of accrued paid time off.

Required Use of PTO before Unpaid Leave

You are required to take accrued and unused Paid Time Off (PTO) before taking unpaid leave or having unpaid absences. Family and Medical Leave (under both state and federal law) is included in this requirement as permitted by law, unless the absence is pregnancy-related.

Employees who are absent because of their own disability may be eligible for State Disability Insurance (SDI) benefits. SDI payments do not begin until after you have been absent from work for 7 calendar days. If you have accrued PTO, PTO will be used for the first 7 days before SDI payments begin.

SDI benefits do not replace all of your usual wages. Your SDI benefits will be supplemented with any accrued and unused PTO.

If you are absent for a reason that qualifies you for Paid Family Leave (PFL) payments, you are required to first use any accrued and unused PTO, up to a maximum of two weeks in a 12-month period.

PFL benefits do not replace all of your usual wages. Your PFL benefits will be supplemented with any accrued and unused PTO.

Paid Sick Leave (Temporary Employees Only)

Temporary employees qualify to accrue paid sick leave upon the start of the temporary employee's employment. Temporary employees may take paid sick leave accrued under this policy if they have worked for the Livermore Amador Valley Transit Authority for at least 90 days.

Temporary employees accrue one hour of paid sick leave for every 30 hours of work performed. Employees may not accrue more than 48 hours or six regularly-scheduled workdays of paid sick leave, whichever is greater, at any given time. Employees who reach the applicable cap will cease to accrue further paid sick leave hours until paid sick leave is used, at which point the employee will continue to accrue additional paid sick leave up to the cap. Paid sick leave not used in a year otherwise carries over from year to year.

Temporary employees may take the greater of 24 hours or three regularly-scheduled workdays' worth of paid sick leave per year for any qualifying reason. Employees using paid sick leave must do so in minimum increments of two hours.

Paid sick leave may be used for the diagnosis, care (including preventative care), or treatment of an existing health condition of a temporary employee and certain family members of the employee. Employees who are the victim of domestic violence, sexual assault, or stalking also may use paid sick leave for treatment, assistance, and other purposes authorized by law.

If the need for sick leave is foreseeable, the employee must provide reasonable advance notice. If the leave is not foreseeable, the employee must provide notice of the leave as soon as practicable.

Accrued unused paid sick leave is not paid out upon termination. However, temporary employees separating from employment who are rehired within one year from the date of separation will have their previously accrued and unused paid sick days reinstated.

Personal Leave

A personal leave of absence without pay may be granted at the discretion of Livermore Amador Valley Transit Authority in accordance with the LAVTA HR Policy. Requests for personal leave should be limited to unusual circumstances requiring an absence of longer than two weeks. Approved personal absences of shorter duration are not normally treated as leaves, but rather as excused absences without pay.

Temporary Disability Leave

A medical leave of absence may be granted as an accommodation for non-work-related temporary medical disabilities with a doctor's written certificate of disability under the ADA or FEHA. Any disability leave will run concurrently with any medical leave to which the employee is entitled.

Employees should request any leave in writing as far in advance as possible. If you are granted a medical leave, Livermore Amador Valley Transit Authority will pay you PTO pay for the period of time equivalent to your accumulated PTO pay earned.

A medical leave begins on the first day your doctor certifies that you are unable to work, and the duration shall be consistent with applicable law, but in no event shall the leave extend past the date on which you become capable of performing the essential functions of your position, with or without accommodation. Your doctor must certify that you are able to return to work. Your supervisor will supply you with a form for your doctor to complete, showing the date you were disabled and the estimated date you will be able to return to work. An employee returning from a medical disability leave must present a doctor's certificate declaring fitness to return to work.

If returning from a non-work-related medical leave, you will be offered the same position you held at the time your leave began, if available. If your former position is not available, a comparable position will be offered. If neither the same nor a comparable position is available, your return to work will depend on job openings existing at the time of your scheduled return.

California workers' compensation laws govern work-related injuries and illnesses. California pregnancy disability laws govern leaves taken because of pregnancy, childbirth, and related medical conditions.

Pregnancy Disability Leave

An employee who is disabled by pregnancy, childbirth, or related conditions may take a pregnancy disability leave for the period of the actual disability of up to four months. An employee also is entitled to a reasonable accommodation for pregnancy, childbirth, or related

medical conditions if she so requests and provides LATVA with medical certification from her health care provider. Pregnancy disability leave may be taken intermittently, or on a reduced-hours schedule, as medically necessary. Pregnancy, childbirth, or related medical conditions will be treated like any other disability, and an employee on leave will be eligible for temporary disability benefits in the same amount and degree as any other employee on leave.

Any female employee planning to take pregnancy disability leave should advise her supervisor as early as possible. The individual should make an appointment with the Director of Finance to discuss the following conditions:

- Employees who need to take pregnancy disability must notify LAVTA of their request for leave as soon as they are aware of the need for leave. If the need for a pregnancy disability leave or transfer is foreseeable, employees must provide notification at least 30 days before the pregnancy disability leave or transfer is to begin. Employees must consult with the personnel manager regarding the scheduling of any planned medical treatment or supervision in order to minimize disruption to the operations of the Authority. Any such scheduling is subject to the approval of the employee's health care provider;
- If 30 days' advance notice is not possible, notice must be given as soon as practical;
- Requests for temporary transfers to a less strenuous or hazardous position or to less hazardous or strenuous job duties will be reasonably accommodated if the employee so requests, the transfer request is supported by proper medical certification, and the transfer can be reasonably accommodated;
- Pregnancy leave usually begins when ordered by the employee's physician. The employee must provide Livermore Amador Valley Transit Authority with a certification from a health care provider. The certification indicating disability should contain:
 - The date on which the employee became disabled due to pregnancy;
 - The probable duration of the period or periods of disability; and
 - A statement that, due to the disability, the employee is unable to perform one or more of the essential functions of her position without undue risk to herself, the successful completion of her pregnancy, or to other persons.
- Leave returns will be allowed only when the employee's physician sends a release;
- An employee may, at her option, substitute accrued PTO (if otherwise eligible to take the time) during a pregnancy disability leave; and
- Duration of the leave will be determined by the advice of the employee's physician, but employees disabled by pregnancy may take up to four months. Part-time employees are entitled to leave on a pro rata basis. The four months of leave includes any period of time for actual disability caused by the employee's pregnancy, childbirth, or related medical condition. This includes leave for severe morning sickness and for prenatal care. Pregnant women may be entitled to additional leave beyond four (4) months to accommodate a pregnancy-related disability if reasonable under the circumstances and not an undue hardship.
- Employees on pregnancy disability leave will be allowed to continue to participate in group health insurance coverage for up to a maximum of four months of disability leave (if such insurance was provided before the leave was taken) at the level and

under the conditions that coverage would have been provided if the employee had continued in employment continuously for the duration of the leave.

Leave does not need to be taken in one continuous period of time and may be taken intermittently, as needed. Leave may be taken in increments of one (1) hour.

Under most circumstances, upon submission of a medical certification that an employee is able to return to work from a pregnancy disability leave, an employee will be reinstated to her same position held at the time the leave began or to an equivalent position, if available. An employee returning from a pregnancy disability leave has no greater right to reinstatement than if the employee had been continuously employed.

Family Medical Leave

a. Leave Policy

Under the federal Family and Medical Leave Act ("FMLA") and the California Family Rights Act ("CFRA"), employees may take time off as provided in this policy, so long as (1) the employee has worked for the Authority for at least 12 months, and for at least 1,250 hours in the last 12 months.

b. Reasons for Leave

Eligible employees may take up to 12 weeks of unpaid Family and Medical Leave within any rolling 12-month period (measured backward from the date of the commencement of any Family and Medical Leave) and be restored to the same or a comparable position upon the employee's return from leave for any of the following reasons:

- (1) the birth of a child and to bond with or to care for such child;
- (2) the placement of a child with the employee for adoption or foster care and to bond with or to care for the newly-placed child;
- (3) to care for a spouse, domestic partner, child, or parent ("covered relation") with a serious health condition;
- (4) the employee's own serious health condition that renders him/her unable to perform an essential function of his/her position;
- (5) "qualifying exigency leave," where the employee's spouse, child, or parent is on active duty or call to active duty status in the National Guard or Reserves in support of a contingency operation, and leave is needed for certain qualifying exigencies, such as attending certain military events, addressing certain legal or financial arrangements, arranging for alternative childcare, attending post-deployment reintegration briefings or attending certain counseling sessions (qualifying exigency leave is not covered under the CFRA).

In addition, an eligible employee who is the spouse, parent, child, or next of kin of a covered servicemember may take up to 26 weeks of unpaid, job-protected FMLA

leave during a single 12-month period to care for a covered servicemember. A covered servicemember is a current member of the Armed Forces, including the National Guard or Reserves, who is undergoing medical treatment, recuperation, or therapy, is otherwise in an outpatient status, or is otherwise on the temporary disability retired list, for a serious injury or illness incurred in the line of duty on active duty that may render the servicemember medically unfit to perform his or her duties. This leave is called “military caregiver leave” and is not covered under the CFRA.

Military caregiver leave is a one-time benefit allowing 26 weeks of leave during a single 12-month period (although an employee may be entitled to more than one period of military caregiver leave if the leave is to care for a different covered servicemember or to care for the same servicemember with a subsequent serious injury or illness, except that no more than 26 workweeks of leave may be taken within any single 12-month period). The Authority will begin counting the 12-month period on the first day of leave taken to care for the injured or ill servicemember. During the 12-month period when military caregiver leave is used, an employee is limited to a combined total of 26 weeks of FMLA leave for any reason. If both spouses work for the Authority and are both eligible for FMLA leave, they are limited to a combined total of 26 workweeks of FMLA leave during a single 12-month period for military caregiver leave or a combination of qualifying exigency leave and military caregiver leave.

c. Time Off from Work Due to Employee’s Disability Due to Pregnancy/
Childbirth/Adoption

Time off from work because of disability due to pregnancy, childbirth, or adoption is counted as time used for FMLA leave, but is not counted as time used for CFRA leave. Pregnant employees may have the right to take up to four (4) months of Pregnancy Disability Leave (PDL) in addition to CFRA leave. Pregnant employees may be entitled to additional leave beyond four (4) months to accommodate a pregnancy-related disability if reasonable under the circumstances and not an undue hardship. Pregnant employees should consult with Human Resources regarding their individual situation. See policy on Pregnancy Disability Leave, above.

d. Notice of Leave

If the need for Family and Medical Leave is foreseeable, employee must give the Authority at least 30 days prior notice of the need for leave, preferably in writing. If this is not possible, employee must at least give notice as soon as practicable (generally within one (1) to two (2) business days of learning of the need for leave), and employee must comply with the Authority’s usual and customary notice and procedural requirements for requesting leave absent unusual circumstances. Failure to provide such notice may be grounds for delay of leave. Additionally, if the employee is planning a medical treatment, the employee must consult with the Authority first regarding the dates of such treatment. For foreseeable leave due to a qualifying exigency, notice must be provided as soon as practicable. Where the need for leave is not foreseeable, employee should notify the Authority as soon as possible and practical.

The employee’s notice must include sufficient information for the Authority to

determine if the leave qualifies for FMLA/CFRA protection and for the Authority to determine the expected timing and duration of the leave.

e. Certification of a Serious Health Condition

If the employee is requesting leave because of the employee's own or a covered relation's serious health condition, employee must provide appropriate medical certification from the relevant health care provider within 15 calendar days after employee requests leave, if practicable. If employee provides at least 30 days notice the medical certification should be provided before leave begins. Failure to provide requested medical certification in a timely manner may be grounds for delay of leave. The certification must include the name, address, phone and fax numbers of the health care provider and the type of medical practice, the approximate date on which the serious health condition began and its probable duration, a statement documenting the need for leave, and confirmation that, if the employee is the patient, employee is unable to perform one or more of the essential functions of the employee's job due to the serious health condition or, if a family member is the patient, confirmation that the family member is in need of care.

The Authority, at its expense, may require an examination by a second health care provider designated by the Authority, if it reasonably doubts the medical certification initially provided by the employee for the employee's own serious health condition. If the second health care provider's opinion conflicts with the original medical certification, the Authority, at its expense, may retain a third, mutually agreeable, health care provider to conduct an examination and provide a final and binding opinion.

The Authority may require subsequent medical recertification at the expiration of the employee's previous certification. Failure to provide requested recertification within 15 days, if such is practicable, may result in delay of further leave until it is provided.

f. Certification for a Qualifying Exigency

If the employee is requesting qualifying exigency leave, employee must provide appropriate certification within 15 calendar days after employee requests leave, if practicable. Failure to provide requested certification in a timely manner may be grounds for delay of leave. Employee must provide a copy of the military member's active duty orders or other documentation issued by the military that indicates that the military member is on active duty or call to active duty status in support of a contingency operation, and the dates of the member's active duty service.

Employee must also provide a signed statement of the facts regarding the qualifying exigency for which FMLA is requested, and provide the approximate date on which the qualifying exigency began or will begin, the beginning and end dates for the absence that is a single continuous period of leave (or, for intermittent or reduced schedule basis leave, an estimate of the frequency and duration of the qualifying exigency), and if the qualifying exigency involves meeting with a third party, provide appropriate contact information for any third party with whom you are meeting and a brief description of the purpose of the meeting.

g. Certification for Military Caregiver Leave

If employee is requesting leave to care for a covered service member with a serious injury or illness, employee must provide medical certification that the serious injury or illness was incurred in the line of duty on active duty in the Armed Forces.

h. Reporting While on Leave

If employee takes leave because of the employee's own serious health condition or to care for a covered family relation, employee must contact the Authority as directed regarding the status of the condition and the employee's intention to return to work. In addition, employee must give notice as soon as practicable (within two (2) business days if feasible) if the dates of leave change, are extended, or initially were unknown.

i. Leave is Unpaid

Family and Medical Leave is unpaid leave, although employee may be eligible for short-term or disability payments, paid family leave and/or workers' compensation benefits under those insurance plans. Employee may elect to substitute any accrued paid time off (e.g., PTO, administrative, etc.) for unpaid Family and Medical Leave. The use of paid leave is subject to the terms of the Authority's usual policies, procedures and restrictions applicable to that type of paid leave.

j. Medical and Other Benefits

For the first 12 weeks of an approved Family and Medical Leave, the Authority will maintain the employee's health benefits as if the employee continues to be actively employed. If paid leave is substituted for unpaid Family and Medical Leave, the Authority will deduct the employee's portion of the health plan premium as a regular payroll deduction. If the employee's leave is unpaid, employee must pay the employee's portion of the premium as directed by the Authority. Employee's health care coverage will cease if the employee's premium payment is more than 30 days late. If employee's payment is more than 30 days late, the Authority will send the employee a letter to this effect. If the Authority does not receive the Authority's co-payment within 15 days of that letter, the employee's coverage may cease. If employee elects not to return to work for at least 30 calendar days at the end of the leave period, the employee may be required to reimburse the Authority for the cost of the health benefit premiums paid by the Authority for maintaining coverage during the employee's unpaid leave.

During the unpaid portion of a family medical leave, PTO accrual will cease.

a. Intermittent and Reduced Schedule Leave

Leave because of a serious health condition, including pregnancy-related disabilities, or military caregiver leave, may be taken intermittently (in separate blocks of time due to a single health condition) or on a reduced-leave schedule (reducing the usual number of hours you work per workweek) if medically necessary. Qualifying exigency

leave may also be taken intermittently or on a reduced-leave schedule. Any leave taken for birth or placement of a child must be taken in blocks of at least two weeks (but employee is allowed two exceptions), and must be taken within one year of the birth or placement of the child with the employee.

If leave is unpaid, the Authority will reduce the employee's salary based on the amount of time actually worked. In addition, while the employee is on an intermittent or reduced leave schedule, the Authority may temporarily transfer the employee to an available alternative position that better accommodates employee's recurring leave and has equivalent pay and benefits.

b. Returning from Leave

If employee takes leave because of the employee's own serious health condition, (except if the employee is taking intermittent leave) employee is required to provide medical certification from employee's health care provider that states that employee is able to resume work and that addresses the employee's ability to perform the essential functions of the employee's job. Employees failing to provide the return-to-work medical certification form will not be permitted to resume work until it is provided.

Under most circumstances, an employee who returns from a Family and Medical Leave will be reinstated to his or her original job or to an equivalent job with equivalent pay, benefits, and other employment terms and conditions. However, an employee has no greater right to reinstatement than if she or he had been continuously employed rather than on leave. In addition, employees who do not return to work are not entitled to an accrual of seniority or employment benefits that may have occurred during a leave period.

c. Employer Requirements

The Authority must inform employees requesting leave whether they are eligible for Family and Medical leave. If they are, the notice must outline any additional information that is required and outline the employees' rights and responsibilities. If they are not eligible, the notice must give a reason for the ineligibility. It is unlawful for any employer to interfere with, restrain, or deny the existence of any right provided under the FMLA/CFRA, to discharge or discriminate against any person for opposing any practice made unlawful by the FMLA/CFRA or for involvement in any proceeding under or relating to the FMLA/CFRA. Employees may file a complaint with the U.S. Department of Labor or the California Department of Fair Employment and Housing, or employees may bring a private lawsuit to enforce the FMLA and the CFRA.

Jury Duty

Leave of absence with pay shall be granted to an employee who is called or required to serve as a juror. The employee must return to work on any day that they are excused from service. The employee shall be paid the difference between his/her full salary and any payment received for such duty, except travel pay.

Witnesses

Leave of absence with pay shall be granted to an employee while going to and from court and answering a subpoena as a witness. The employee shall be paid the difference between his/her full salary and any payment received for such duty except travel pay.

Military Leave

Military leave shall be granted in accordance with provisions of law. Employees entitled to military leave shall give the Executive Director an opportunity, within the limits of military regulations, to determine when such leave shall be taken.

Funeral Leave

When an employee participates in a funeral ceremony he/she may use Paid Time Off (PTO) to perform such duty. Time not worked because of such absence shall not affect general leave accrued.

Management Administrative Leave

Administrative Leave - In recognition that management employees in positions classified as exempt are required to work hours beyond their regular hours of work to fulfill their management responsibilities, each exempt management employee shall be credited with seven (7) days of administrative leave per year.

The seven (7) days of administrative leave will be credited to each exempt management employee during the first pay period in July of each succeeding year.

All managers with unused administrative leave as of June 30 will be paid for said leave in the final pay period of the fiscal year.

Exempt management employees hired during the year preceding July 1 shall receive a prorated administrative leave. Management employees leaving LAVTA prior to June 30 and who have unused Administrative Leave, will be credited on a prorated basis from July 1 to the termination date. If employee has used more than the prorated share, the final paycheck will be adjusted.

Exempt management employees are limited to the Executive Director and all employees in the Director Classification band.

Benefits

External Employee Education

Some employees may need to attend training programs, seminars, conferences, lectures, meetings, or other outside activities for the benefit of Livermore Amador Valley Transit Authority or the individual employees. Attendance at such activities, whether required by the Authority or requested by individual employees, requires the written approval of the Executive Director or designee. To obtain approval, any employee wishing to attend an activity must submit a written request to their supervisor detailing all relevant information, including date, hours, location, cost, expenses, and the nature, purpose, and justification for attendance. Attendance at any such event is subject to the following policies on reimbursement and compensation.

For attendance at events required or authorized by the Authority, customary and reasonable expenses will be reimbursed based on the Authority's Reimbursement Policy. Acceptable expenses generally include registration fees, materials, meals, transportation, and parking. Reimbursement policies regarding these expenses should be discussed with your supervisor in advance.

Employee attendance at authorized outside activities will be considered hours worked for non-exempt employees and will be compensated in accordance with normal payroll practices.

This policy does not apply to an employee's voluntary attendance, outside of normal working hours, at formal or informal educational sessions, even if such sessions generally may lead to improved job performance. While the Authority generally encourages all employees to improve their knowledge, job skills, and promotional qualifications, such activities do not qualify for reimbursement or compensation under this policy unless prior written approval is obtained as described previously.

Holidays

During each calendar year, Livermore Amador Valley Transit Authority observes the following paid holidays:

- January 1 (New Year's Day)
- Martin Luther King Jr.'s Birthday
- Presidents' Day
- Memorial Day
- July 4th (Independence Day)
- Labor Day
- Veterans' Day
- Thanksgiving Day

- Day After Thanksgiving
- Christmas Eve
- Christmas Day
- New Years Eve

When a holiday falls on a Saturday or Sunday, it is usually observed on the preceding Friday or the following Monday. However, Livermore Amador Valley Transit Authority may grant another day off in lieu of closing. Holiday observance will be announced in advance.

Each non-exempt employee's eligibility for holiday pay begins on date of hire. To be eligible for holiday pay, you must be regularly scheduled to work on the day on which the holiday is observed and must work your regularly scheduled working days immediately preceding and immediately following the holiday, unless an absence on either day is approved in advance by your supervisor. If you are required to work on a paid scheduled holiday you will receive straight time pay for the holiday hours in addition to the hours worked.

Insurance Benefits

Medical, Dental and Vision Insurance

Livermore Amador Valley Transit Authority provides a comprehensive medical, dental and vision insurance plan for eligible employees and their dependents. Regular full-time and part-time employees are eligible for medical insurance the first day of the month after date of hire. If an employee is hired on the first of the month, medical insurance is effective on date of hire. In the event of an increase in insurance premium rates, all employees may be required to contribute to the cost of increased premiums to retain coverage. Details about medical, dental and vision insurance coverage are available in separate publications available from the Finance Department. Payment for medical insurance is in accordance with the Authority's Personnel Policy.

Disability Insurance

Each employee contributes through payroll tax to California's state disability insurance programs. Disability insurance is mandated by the California Unemployment Insurance Code and administered by the Employment Development Department. Disability insurance is payable when you cannot work because of illness or injury not caused by employment at the Authority. An additional tax funds the state's Paid Family Leave program, and provides partial wage replacement for absences related to care of a family member, or bonding with a new child. Specific rules and regulations governing disability are available from the personnel manager.

Unemployment Compensation

Livermore Amador Valley Transit Authority contributes thousands of dollars each year to the

California Unemployment Insurance Fund on behalf of its employees.

Workers' Compensation

Livermore Amador Valley Transit Authority, in accordance with state law, provides insurance coverage for employees in case of work-related injury. The workers' compensation benefits provided to injured employees may include:

- Medical care;
- Cash benefits, tax free, to replace lost wages; and
- Assistance to help qualified injured employees return to suitable employment.

To ensure that you receive any workers' compensation benefits to which you may be entitled, you will need to:

- Immediately report any work-related injury to your supervisor;
- Seek medical treatment and follow-up care if required;
- Complete a written *Employee's Claim for Workers Compensation Benefits* (DWC Form 1) and return it to the Director of Finance; and
- Provide the Authority with a certification from your health care provider regarding the need for workers' compensation disability leave, as well as your eventual ability to return to work from the leave.

Upon submission of a medical certification that an employee is able to return to work after a workers' compensation leave, the employee under most circumstances will be reinstated to his or her same position held at the time the leave began, or to an equivalent position, if available. An employee returning from a workers' compensation leave has no greater right to reinstatement than if the employee had been continuously employed rather than on leave. For example, if the employee on workers' compensation leave would have been laid off had he or she not gone on leave, or if the employee's position has been eliminated or filled in order to avoid undermining the Authority's ability to operate safely and efficiently during the leave, and no equivalent or comparable positions are available, then the employee would not be entitled to reinstatement.

An employee's return depends on his or her qualifications for any existing openings. If, after returning from a workers' compensation disability leave, an employee is unable to perform the essential functions of his or her job because of a physical or mental disability, the Authority's obligations to the employee may include reasonable accommodation, as governed by the Americans with Disabilities Act.

Workers' Compensation and FMLA/CFRA

Employees who are ill or injured as a result of a work-related incident, and who are eligible for family and medical leave under state and federal law (Family Medical Leave Act (FMLA) and the California Family Rights Act (CFRA)), will be placed on FMLA/CFRA during the time they are disabled and not released to return to work. The leave under these laws runs

concurrently, and eligible employees will be on FMLA/CFRA for a maximum of 12 weeks in a 12-month period.

Retirement Plan

Livermore Amador Valley Transit Authority provides a comprehensive retirement plan under the California Public Employees Retirement System (CalPERS) plan for eligible employees in order to assist in planning for their retirement. For information regarding eligibility, contributions, benefits, and tax status, contact the Director of Finance. All eligible participants will receive an orientation to the CalPERS website which contains comprehensive data regarding the benefits available.

An optional 457 plan is also available for regular employees. The CalPERS Supplemental Income 457 Plan is an optional benefit in which employees may elect to participate. It is a voluntary savings program that allows you to defer any amount, up to the annual established limit, from your paycheck before you pay taxes on it. Please see the Director of Finance for details regarding the benefits of this plan.

Social Security

Social Security can be an important part of an employee's retirement benefit. Livermore Amador Valley Transit Authority pays a matching contribution to each employee's Social Security taxes for temporary employees or employees not eligible for CalPERS. Regular Authority employees eligible for the CalPERS plan should be aware that the earnings from this job are not covered under Social Security. Upon entry on duty, CalPERS covered employees will be provided with a Form SSA-1945 Statement Concerning Your Employment in a Job Not Covered by Social Security.

Management

Employee Property

An employee's personal property, including but not limited to packages, purses, and backpacks, may be inspected upon reasonable suspicion of unauthorized possession of Livermore Amador Valley Transit Authority property.

Employment of Relatives

General

Relatives of employees may be eligible for employment with Livermore Amador Valley Transit Authority only if individuals involved do not work in a direct supervisory relationship, or in job positions in which a conflict of interest could arise. The Authority defines "relatives" as spouses, registered domestic partners, children, siblings, parents, in-laws, and step-relatives. Present employees who marry or become registered domestic partners will be permitted to continue working in the job position held only if they do not work in a direct supervisory relationship with one another or in job positions involving conflict of interest.

Names and Addresses

Livermore Amador Valley Transit Authority is required by law to keep current all employees' names and addresses. Employees are responsible for notifying the Authority in the event of a name or address change.

Open-Door Policy

Suggestions for improving Livermore Amador Valley Transit Authority are always welcome. At some time, you may have a complaint, suggestion, or question about your job, your working conditions, or the treatment you are receiving. Your good-faith complaints, questions, and suggestions also are of concern to the Authority.

The Open-Door Policy, which we believe is important for both you and the Authority, cannot guarantee that every problem will be resolved to your satisfaction. However, Livermore Amador Valley Transit Authority values your observations and you should feel free to raise issues of concern, in good faith, without the fear of retaliation.

Performance Evaluations

Each employee will receive periodic performance reviews conducted by his or her supervisor. Your first performance evaluation will take place within the first six months upon completion of your introductory period. Subsequent performance evaluations will be conducted annually in June when merit increases are considered. The frequency of performance evaluations may vary depending upon length of service, job position, past performance, changes in job duties, or recurring performance problems.

Your performance evaluations may review factors such as your ability to meet scope, schedule and budget and the quality and quantity of the projects, assignments and work you perform, your knowledge of the job, your initiative, your work attitude, and your attitude toward others. The performance evaluations are intended to make you aware of your progress, areas for improvement, and objectives or goals for future work performance. Favorable performance evaluations do not guarantee increases in salary or promotions. Salary increases and promotions are solely within the discretion of Livermore Amador Valley Transit Authority and depend upon many factors in addition to performance. After the review, you will be required to sign the evaluation report simply to acknowledge that it has been presented to you, that you have discussed it with your supervisor, and that you are aware of its contents. Your signature does not indicate concurrence and you can add comments or documentation to the evaluation.

Personnel Records

You have a right to inspect certain documents in your personnel file, as provided by law, in the presence of an Authority representative at a mutually convenient time. No copies of documents in your file may be made, with the exception of documents that you have previously signed. You may add your comments to any disputed item in the file.

Livermore Amador Valley Transit Authority will restrict disclosure of your personnel file to authorized individuals within the Authority. Any request for information contained in personnel files must be directed to the Director of Finance. Only the Director of Finance is authorized to release information about current or former employees. Disclosure of personnel information to outside sources will be limited. However, Livermore Amador Valley Transit Authority will cooperate with requests from authorized law enforcement or local, state, or federal agencies conducting official investigations and as otherwise legally required.

Telecommuting

Telecommuting provides employees with an opportunity to work from an alternative work environment instead of in the primary location of the Authority. Livermore Amador Valley

Transit Authority retains the right in its sole discretion to designate positions that are appropriate for telecommuting and approve employees for telecommuting. Telecommuting must be pre-approved by an employee's supervisor. Telecommuting does not change the conditions of employment or required compliance with all Authority policies and procedures. The Authority reserves the right to change or terminate this policy at any time, without cause or advance notice. Telecommuting is a privilege and may not be appropriate for all employees. If an employee wishes to request the ability to Telecommute, s/he should contact his or her supervisor.

Telecommuting Safety

The Telecommuter is solely responsible for ensuring the safety of his or her alternative work environment. However, because the Authority is legally obligated to provide its employees with a workplace that is free from hazards that might cause serious harm or injury,

The Telecommuter shall be liable for any injuries that occur to third parties at or around the Telecommuter's alternative work environment.

Telecommuting Plan

All Telecommuters will be required to have an agreement in place with their supervisor that outlines the days and work hours (as applicable) of the Telecommuter; equipment the Telecommuter will need; how the Telecommuter will communicate with the Authority; use of support or administrative staff; and other appropriate information.

Hours of Work

Unless otherwise agreed, hours and days of work will not change. Employees agree to apply themselves during work hours. Telecommuting is not intended as a substitute for child care or care for another adult. If a child or adult needs care during work time, another responsible individual is expected to be present.

Attendance at Meetings

Telecommuters are expected to attend all required meetings.

Costs Associated with Telecommuting

The Authority shall not incur additional costs due to Telecommuting. The agreement with your supervisor will specify any costs the Authority will cover. All other expenses are the responsibility of the Telecommuter.

Use of Electronic Media

Livermore Amador Valley Transit Authority uses various forms of electronic communication including, but not limited to computers, e-mail, telephones, internet, cell phones, PDAs, etc. All electronic communications, including all software, databases, hardware, and digital files, remain the sole property of Livermore Amador Valley Transit Authority and are to be used for Authority business and only for occasional, incidental or rare personal use.

Electronic communication and media may not be used in any manner that would be discriminatory, harassing, or obscene, or for any other purpose that is illegal, against Authority policy, or not in the best interest of the Authority.

Employees who misuse electronic communications and engage in defamation, copyright or trademark infringement, misappropriation of trade secrets, discrimination, harassment, or related actions will be subject to discipline and/or immediate termination.

Employees may not install personal, pirated or unlicensed software on Authority computer systems; or any software not supported by the Authority's IT Analyst.

All electronic information created by any employee using any means of electronic communication is the property of Livermore Amador Valley Transit Authority and remains the property of Livermore Amador Valley Transit Authority. Personal passwords may be used for purposes of security, but the use of a personal password does not affect the Authority's ownership of the electronic information.

Livermore Amador Valley Transit Authority will override all personal passwords if necessary for any reason.

Livermore Amador Valley Transit Authority reserves the right to access and review electronic files, messages, mail, and other digital archives, and to monitor the use of electronic communications as necessary to ensure that no misuse or violation of Authority policy or any law occurs. Employees should understand that they have no right of privacy with respect to any messages or information created, collected, or maintained on the Authority's electronic communications, including personal information or messages.

Employees are not permitted to access the electronic communications of other employees or third parties unless directed to do so by Authority management.

No employee may install or use anonymous e-mail transmission programs or encryption of e-mail communications, except as specifically authorized by the Authority's IT Analyst.

Employees who use devices on which information may be received and/or stored, including but not limited to cell phones, cordless phones, portable computers, fax machines, and voice mail communications are required to use these methods in strict compliance with the trade secrets and confidential communication policy established by the Authority. These communications tools should not be used for communicating confidential or sensitive information or any trade secrets.

Access to the Internet, websites, and other types of Authority-paid computer access are to be used for Authority-related business. Any information about Livermore Amador Valley Transit Authority, its products or services, or other types of information that will appear in the electronic media about the Authority must be approved by the Director of Planning and Communications before the information is placed on an electronic information resource that is accessible to others.

Questions about access to electronic communications or issues relating to security should be addressed to the Authority's IT Analyst.

Authority Property

Bulletin Boards

Livermore Amador Valley Transit Authority maintains bulletin boards located the Administrative Office Break Room and at the Transit Center.

Bulletin boards are used to provide information to employees concerning official Authority business and legal notices. There will also be one bulletin board (or portion thereof) provided for informal staff use.

Employees may not post items on Authority bulletin boards unless the following conditions are met:

- Postings may be made by Authority employees only;
- Posted items will be dated and will be removed after expiration or within three months, whichever is later.

Cell Phone Usage

If an employee needs to make or receive a business phone call while driving, the employee should make sure the vehicle is stopped and that he or she is parked in a proper parking area for the call.

Employees who use hands-free telephones must keep business conversations brief while driving, and must stop the vehicle and park in a proper parking area if the conversation becomes involved, traffic is heavy, or road conditions are poor.

Writing, sending, or reading text-based communication – including text messaging, instant messaging, and e-mail – on a wireless device or cell phone while driving is also prohibited under this policy. Violating this policy is a violation of law beginning January 1, 2009.

Authority provided cellular telephones are for business purposes. They are not to be use for non-work related communications except when circumstances arise as described below.

Employees whose work necessitates a cell phone plan purchased by the Authority should restrict use to business. If an Authority provided cell phone is used for any personal use, the employee will be required on a monthly basis to review the detailed usage reports for phones and identify personal use (including calls and text messages) and to reimburse the Authority for a percentage of the monthly service charges plus any additional charges for minutes or message usage. If LAVTA requires you to travel on business, you are allowed one personal call per day.

Employees in possession of Authority cellular phones are required to take appropriate precautions to prevent theft and vandalism of all Authority equipment. Willful damage to Authority property is subject to replacement of the property at the employee's expense.

PERSONAL CELL PHONE USE:

Employees should obtain written departmental approval prior to using personal cellular phones for business purposes. Personal cell phone use for business should be limited to necessary and immediate business needs. It is the responsibility of the employee's department head to monitor cell phone use and approve the expense report for reimbursement. If the employee seeks reimbursement, Department Heads have the right to review, question, and limit reimbursement requests of employee's cell phone bills.

Employer Property

Desks, computers, vehicles, and other Authority-owned items are Livermore Amador Valley Transit Authority property and must be maintained according to Authority rules and regulations. They must be kept clean and are to be used only for work-related purposes. Livermore Amador Valley Transit Authority reserves the right to inspect all Authority property to ensure compliance with its rules and regulations, without notice to the employee and at any time, not necessarily in the employee's presence.

Authority voice mail and/or electronic mail (e-mail) are to be used for business purposes. Livermore Amador Valley Transit Authority reserves the right to monitor voice mail messages and e-mail messages to ensure compliance with this rule, without notice to the employee and at any time, not necessarily in the employee's presence.

Livermore Amador Valley Transit Authority may periodically need to assign and/or change "passwords" and personal codes for computer, e-mail, voicemail, etc. These communication technologies and related storage media and databases are to be used for Authority business and they remain the property of Livermore Amador Valley Transit Authority. Livermore Amador Valley Transit Authority reserves the right to keep a record of all passwords and codes used and/or may be able to override any such password system.

Prior authorization must be obtained before any Authority property may be removed from the premises.

For security reasons, employees should not leave personal belongings of value in the workplace. Suspicious personal items are subject to inspection and search, with or without notice, with or without the employee's prior consent.

Terminated employees should remove any personal items at the time they leave Livermore Amador Valley Transit Authority. Personal items left in the workplace are subject to disposal if not claimed at the time of an employee's termination.

Guests and Visitors

Visits from friends and family are to be kept to a minimum, in order to preserve an appropriate

work environment. It is extremely important that the impression left with Livermore Amador Valley Transit Authority visitors is that of a professional organization with the highest standards of conduct.

Emergencies in which children must be in the office for an extended length of time are to be kept to an absolute minimum – the Authority may not be used as a substitute for regular child care of employees' children. On those occasions when children are present, they should not be allowed to disrupt others in the office.

A child on the premises is the employee's responsibility and must be under employee's direct supervision at all times. If an employee's child is ill and on premises, the employee must present a doctor's note to their immediate supervisor indicating the child is not contagious. Only service animals will be allowed at work.

The Authority reserves its right in its sole discretion to deny such a request to have guests and visitors for reasons including, but not limited to, the requested guest or visitor has been disruptive in the past, there is a special event scheduled on the date(s) requested, or the work environment is not appropriate for the visitor or guest due to safety or other reasons.

Housekeeping

All employees are expected to keep their work areas clean and organized. People using common areas such as lunch rooms, locker rooms, and restrooms are expected to keep them sanitary. Please clean up after meals and dispose of trash properly.

Off-Duty Use of Facilities

Employees are prohibited from remaining on Livermore Amador Valley Transit Authority premises or making use of Authority facilities while not on duty.

Parking

Employees may park their vehicles in designated areas, if space permits. If space is unavailable, employees must park in permissible public areas in the vicinity of Livermore Amador Valley Transit Authority property. Employees may not use parking areas specifically designated for visitors or Authority vehicles. Livermore Amador Valley Transit Authority is not responsible for any loss or damage to employee vehicles or contents while parked on Authority property.

Surveillance Monitoring

Parking areas may be monitored with video or other surveillance for purposes of protecting Authority property only. This surveillance system is in no way intended to provide employees with personal security.

Smoking

Smoking is not allowed in any enclosed area of the facility. Smoking is not permitted within 20 feet of any entryway.

Employee Conduct

Business Conduct and Ethics

No employee may accept a substantial gift, meal, or gratuity from any customer, vendor, supplier, or other person doing business with Livermore Amador Valley Transit Authority because doing so may give the appearance of influencing business decisions, transactions or service. Non-substantial gifts (such as branded pens, etc.) may be accepted. If LAVTA is in a procurement process, no gift of any kind may be accepted from a potential vendor. A LAVTA employee who is designated in the Authority's conflict of interest code must report any gifts over \$50 (cumulative over the calendar year) from any single source, and may not accept gifts from any single source totaling more than \$420 in a calendar year if you are required to report receiving income or gifts from that source on your statement of economic interests. All other employees may not accept any gifts over \$50 cumulative over the calendar year from any single source.

Conducting Personal Business

Employees are to conduct only Livermore Amador Valley Transit Authority business while at work. Employees may not conduct personal business or business for another employer during their scheduled working hours.

Confidentiality

Each employee is responsible for safeguarding the confidential information obtained during employment.

In the course of your work, you may have access to confidential information regarding Livermore Amador Valley Transit Authority, its suppliers, its customers, or perhaps even fellow employees. Confidential information means all information, not generally known, belonging to, or otherwise relating to the business of the Authority or its clients, customers, vendors, affiliates or partners, regardless of the media or manner in which it is stored or conveyed, that the Authority has taken reasonable steps to protect from unauthorized use or disclosure. Confidential information includes but is not limited to trade secrets as well as other knowledge, information, and know-how; non-public intellectual property rights, including business plans and strategies; formulae; processes; designs; drawings; discoveries; improvements; ideas; conceptions; test data; compilations of data; and developments, whether or not patentable and whether or not copyrightable. You have a responsibility to prevent revealing or divulging any such information unless it is necessary for you to do so in the performance of your duties. Access to confidential information should be on a "need-to-know" basis and must be authorized by your supervisor. Any breach of this policy will not be tolerated and legal action may be taken by the Authority.

Nothing in this policy is intended to limit employees' right to discuss wages, terms or

conditions of employment with co-workers or with people outside of the organization.

Conflicts of Interest

All employees must avoid situations involving actual, potential or perceived conflict of interest. Personal or romantic involvement with a competitor, supplier, or subordinate employee of Livermore Amador Valley Transit Authority, which impairs an employee's ability to exercise good judgment on behalf of the Authority, creates an actual, potential, or perceived conflict of interest. Supervisor-subordinate romantic or personal relationships also can lead to supervisory problems, possible claims of sexual harassment, and morale problems.

Notice

An employee involved in any of the types of relationships or situations described in this policy should immediately and fully disclose the relevant circumstances to his or her immediate supervisor, for a determination about whether a potential or actual conflict exists. If an actual or potential conflict is determined, Livermore Amador Valley Transit Authority may take whatever corrective action appears appropriate according to the circumstances. Failure to disclose facts shall constitute grounds for disciplinary action.

Customer Relations

Employees are expected to be polite, courteous, prompt, and attentive to every customer. When an employee encounters an uncomfortable situation that he or she does not feel capable of handling, a supervisor should be called immediately.

Ours is a service business and all of us must remember that the customer always comes first. Our customers ultimately pay all of our wages. Remember, while the customer is not always right, the customer is never wrong.

Customers are to be treated courteously and given proper attention at all times. Never regard a customer's question or concern as an interruption or an annoyance. You must respond to inquiries from customers, whether in person or by telephone, promptly and professionally.

Never place a telephone caller on hold for an extended period. Direct incoming calls to the appropriate person and make sure the call is received.

Through your conduct, show your desire to assist the customer in obtaining the help he or she needs. If you are unable to help a customer, find someone who can.

All correspondence and documents, whether to customers or others, must be neatly prepared and error-free. Attention to accuracy and detail in all paperwork demonstrates your commitment to those with whom we do business.

Never argue with a customer. If a problem develops or if a customer remains dissatisfied, ask your supervisor or the Executive Director to intervene.

Dress Code and Other Personal Standards

Because each employee is a representative of the Authority in the eyes of the public, each employee must report to work properly groomed and wearing appropriate attire. Employees are expected every day to dress in the proper attire of business wear or business casual. On days when Board or Committee meetings are taking place, or where staff is meeting with VIP's, staff should be in business wear, not business casual.

Acceptable attire excludes ripped/torn clothing, T-shirts, tennis shoes, shorts, tank or halter tops, flip flops, and revealing attire. Employees who report to work inappropriately dressed may be asked to clock out and return in acceptable attire.

Drug and Alcohol Abuse

Livermore Amador Valley Transit Authority is concerned about the use of alcohol, illegal drugs, or controlled substances without a prescription as it affects the workplace. Use of these substances, whether on or off the job can detract from an employee's work performance, efficiency, safety, and health, and therefore seriously impair the employee's value to the Authority. In addition, the use or possession of these substances on the job constitutes a potential danger to the welfare and safety of other employees and exposes the Authority to the risks of property loss or damage, or injury to other persons.

Furthermore, the use of prescription drugs and/or over-the-counter drugs also may affect an employee's job performance and may seriously impair the employee's value to the Authority.

The following rules and standards of conduct apply to all employees either on Authority property or during the workday (including meals and rest periods). Behavior that violates Authority policy includes:

- Possession or use of an illegal drug or controlled substance without a prescription, or being under the influence of an illegal drug or controlled substance without a prescription while on the job;
- Driving a Authority vehicle while under the influence of alcohol; and
- Distribution, sale, or purchase of an illegal or controlled substance while on the job.

Violation of these rules and standards of conduct will not be tolerated. Livermore Amador Valley Transit Authority also may bring the matter to the attention of appropriate law enforcement authorities.

In order to enforce this policy, Livermore Amador Valley Transit Authority reserves the right to conduct searches of Authority property or employees and/or their personal property, and to implement other measures necessary to deter and detect abuse of this policy.

Any employee who is using prescription or over-the-counter drugs that may impair the employee's ability to safely perform the job, or affect the safety or well-being of others, must notify a supervisor of such use immediately before starting or resuming work. Employees are not required to tell their supervisors what drug they are using; they simply must inform their supervisors that they are using a prescription or over-the-counter drug covered by this policy.

Livermore Amador Valley Transit Authority will encourage and reasonably accommodate employees with alcohol or drug dependencies to seek treatment and/or rehabilitation. Employees desiring such assistance should request a treatment or rehabilitation leave. The Authority is not obligated, however, to continue to employ any person whose performance of essential job duties is impaired because of drug or alcohol use, nor is the Authority obligated to re-employ any person who has participated in treatment and/or rehabilitation if that person's job performance remains impaired as a result of dependency. Additionally, employees who are given the opportunity to seek treatment and/or rehabilitation, but fail to successfully overcome their dependency or problem, will not automatically be given a second opportunity to seek treatment and/or rehabilitation. This policy on treatment and rehabilitation is not intended to affect the Authority's treatment of employees who violate the regulations described previously. Rather, rehabilitation is an option for an employee who acknowledges a chemical dependency and voluntarily seeks treatment to end that dependency.

Please refer to the adopted Authority Drug and Alcohol Policy for additional details.

News Media Contacts

Employees may be approached for interviews or comments by the news media. Only contact people designated by the Executive Director may comment to news reporters on behalf of Livermore Amador Valley Transit Authority regarding Livermore Amador Valley Transit Authority policy or events relevant to Livermore Amador Valley Transit Authority. The Director of Planning and Communication must be notified of any interviews or comments made.

Off-Duty Conduct

While Livermore Amador Valley Transit Authority does not seek to interfere with the off-duty and personal conduct of its employees, certain types of off-duty conduct may interfere with the Authority's legitimate business interests. For this reason, employees are expected to conduct their personal affairs in a manner that does not adversely affect the Authority's or their own integrity, reputation or credibility. Illegal or immoral off-duty conduct by an employee that adversely affects the Authority's legitimate business interests or the employee's ability to perform his or her job will not be tolerated.

While employed by Livermore Amador Valley Transit Authority, employees are expected to devote their energies to their jobs with the Authority. The following types of employment elsewhere are strictly prohibited:

- Additional employment that conflicts with an employee's work schedule, duties, and responsibilities at the Authority;
- Additional employment that creates a conflict of interest or is incompatible with the employee's position with the Authority;
- Additional employment that impairs or has a detrimental effect on the employee's work performance with the Authority;
- Additional employment that requires the employee to conduct work or related activities on Authority property during the employer's working hours or using Authority facilities and/or equipment; and
- Additional employment that directly or indirectly competes with the business or the interests of the Authority.

Employees who wish to engage in additional employment that may create a real or apparent conflict of interest must submit a written request to Livermore Amador Valley Transit Authority explaining the details of the additional employment. If the additional employment is authorized, Livermore Amador Valley Transit Authority assumes no responsibility for it. Livermore Amador Valley Transit Authority shall not provide workers' compensation coverage or any other benefit for injuries occurring from or arising out of additional employment. Authorization to engage in additional employment can be revoked at any time.

Prohibited Conduct

The following conduct is prohibited and will not be tolerated by Livermore Amador Valley Transit Authority. This list of prohibited conduct is illustrative only; other types of conduct that threaten security, personal safety, employee welfare and Authority operations also may be prohibited.

- Falsifying employment records, employment information, or other Authority records;
- Recording the work time of another employee or allowing any other employee to record your work time, or falsifying any time sheet, either your own or another employee's;
- Theft and deliberate or careless damage or destruction of any Authority property, or the property of any employee or customer;
- Removing or borrowing Authority property without prior authorization;
- Unauthorized use of Authority equipment, time, materials, or facilities;
- Carrying firearms or any other dangerous weapons on Authority premises at any time;
- Engaging in criminal conduct during working time;
- Insubordination, including but not limited to failure or refusal to obey the lawful orders or instructions of a supervisor or member of management;
- Using abusive language toward a customer or client;

- Failing to notify a supervisor as soon as practicable when unable to report to work;
- Unreported absence of three consecutive scheduled workdays;
- Failing to obtain permission to leave work for any reason during normal working hours;
- Failing to observe working schedules, including rest and lunch periods;
- Failing to provide a physician's certificate when requested or required to do so;
- Sleeping or malingering on the job;
- Working overtime without authorization or refusing to work assigned overtime;
- Wearing disturbing, unprofessional or inappropriate styles of dress or hair while working;
- Violating any safety, health, security or Authority policy, rule, or procedure;
- Committing a fraudulent act or a breach of trust under any circumstances; and
- Committing or involvement in any act of unlawful harassment or discrimination of another individual.

Punctuality and Attendance

As an employee of Livermore Amador Valley Transit Authority, you are expected to be punctual and regular in attendance. Any tardiness or absence causes problems for your fellow employees and your supervisor. When you are absent or late, your assigned work must be performed by others.

Employees are expected to report to work as scheduled, on time, and prepared to start work. Employees also are expected to remain at work for their entire work schedule, except for meal periods, rest periods, or when required to leave on authorized Authority business. Late arrival, early departure, or other unanticipated and unapproved absences from scheduled hours are disruptive and must be avoided.

If you are unable to report for work on any particular day, you must under all but the most extenuating circumstances call your supervisor as soon as practicable, generally at least one hour before the time you are scheduled to begin working for that day. If you call less than one hour before your scheduled time to begin work and do not arrive in time for your assigned shift, you will be considered tardy for that day. In all cases of absence or tardiness, employees must provide their supervisor with an honest reason or explanation. Employees also must inform their supervisor of the expected duration of any absence. Excessive absenteeism or tardiness, whether excused or not, will not be tolerated.

If you fail to report for work without any notification to your supervisor and your absence continues for a period of three days Livermore Amador Valley Transit Authority will consider that you have voluntarily abandoned or quit your employment.

Wages

Advances

Livermore Amador Valley Transit Authority does not permit advances against paychecks or against unaccrued Paid Time Off (PTO).

Deductions for Exempt Employees

Employees paid on a “salary basis” regularly receive a predetermined amount of compensation each pay period. Subject to the exceptions listed below, exempt employees will receive full salary for any workweek in which they perform any work, regardless of the number of days or hours worked. Exempt employees may not be paid for any workweek in which they perform no work, subject to Livermore Amador Valley Transit Authority benefits programs and policies.

No deductions from salary may be made for time when work is not available, provided the exempt employee is ready, willing, and able to work. Deductions from pay are permissible when an exempt employee:

- Is absent from work for one or more full days for personal reasons other than sickness or disability;
- Is absent for one or more full days due to sickness or disability if the deduction is made in accordance with a bona fide plan, policy, or practice of providing compensation for salary lost due to illness; or
- Works less than a full week during the initial or final week of employment.

It is Authority policy to comply with these salary basis requirements. Therefore, Livermore Amador Valley Transit Authority prohibits all Authority managers from making any improper deductions from the salaries of exempt employees. The Authority wants employees to be aware of this policy and know that the Authority does not allow deductions that violate federal or state law.

If you believe that an improper deduction from your salary has been made, you should immediately report this information to your direct supervisor, or to the payroll department.

Reports of improper deductions will be investigated promptly. If it is determined that an improper deduction has occurred, you will be promptly reimbursed for any improper deduction made.

Reimbursement of Expenses

Livermore Amador Valley Transit Authority reimburses employees for business expenses in

accordance with the Authority's Expense Reimbursement Policy. Employees who have incurred business expenses must submit required receipts and the Expense Claim Form to the Finance Department within 60 days of the date the expenses were incurred. If you have any questions about the Authority's expense reimbursement policy, contact the Director of Finance.

Personal and/or vacation travel may be combined with business travel provided there is no additional cost to Livermore Amador Valley Transit Authority, and it meets with the approval of the Executive Director. Livermore Amador Valley Transit Authority credit cards are not to be used for personal expenses.

Makeup Time

Livermore Amador Valley Transit Authority allows the use of makeup time when non-exempt employees need time off to tend to personal obligations. Makeup time worked will not be paid at an overtime rate unless the employee works more than 11 hours in a workday or more than 40 hours in the workweek.

Employees may take time off and then make up the time later in the same workweek, or may work extra hours earlier in the same workweek to make up for time that will be taken off later in the workweek.

Makeup time requests must be signed and written and approved by your supervisor. Requests will be considered for approval based on the legitimate business needs of the Authority at the time the request is made.

All makeup time must be worked in the same workweek as the time taken off. The Authority's seven-day workweek is Saturday through Friday. Employees may not work more than 11 hours in a day or 40 hours in a workweek as a result of making up time that was or would be lost due to a personal obligation.

If you take time off and are unable to work the scheduled makeup time for any reason, the hours missed will be taken as PTO. During a pay period, if you work makeup time in advance of time you plan to take off, you must take that time off, even if you no longer need the time off for any reason.

An employee's use of makeup time is completely voluntary. Livermore Amador Valley Transit Authority does not encourage, discourage, or solicit the use of makeup time.

Overtime for Non-Exempt Employees

Employees may be required to work overtime as necessary. Only actual hours worked in a given workday or workweek can apply in calculating overtime. Livermore Amador Valley Transit Authority will attempt to distribute overtime evenly and accommodate individual

schedules. All overtime work must be previously authorized by a supervisor. Livermore Amador Valley Transit Authority provides compensation for all overtime hours worked by non-exempt employees in accordance with federal law as follows:

- All hours physically worked in excess of 40 hours in one workweek will be treated as overtime. A workday begins at 12:01 a.m. and ends at midnight 24 hours later. Workweeks begin each Saturday at 12:01 a.m;
- Compensation for hours in excess of 40 for the workweek shall be paid at a rate one and one-half times the employee's regular rate of pay;
-
- Exempt employees may have to work hours beyond their normal schedules as work demands require. No overtime compensation will be paid to exempt employees.

Pay for Mandatory Meetings/Training

Livermore Amador Valley Transit Authority will pay non-exempt employees for their attendance at meetings, lectures, and training programs under the following conditions:

- Attendance is mandatory;
- The meeting, course, or lecture is directly related to the employee's job; and
- The employee who is required to attend such meetings, lectures, or training programs will be notified of the necessity for such attendance by his or her supervisor.

Payment of Wages

Biweekly Payments

All employees of Livermore Amador Valley Transit Authority are paid every other Friday for work performed during the previous two-week pay period. If a regular payday falls on a holiday, employees will be paid on the last day worked before the holiday. Paychecks are normally available by 5:00 p.m. every other Friday at the Administration Offices located at 1362 Rutan Court, Suite 100, Livermore, CA. If you observe an error on your check, please report it immediately to your supervisor.

Automatic Deposit

Livermore Amador Valley Transit Authority offers automatic payroll deposit for employees. You may begin and stop automatic payroll deposit at any time. To begin automatic payroll deposit, you must complete a form (available from the payroll department) and return it to payroll at least 10 days before the pay period for which you would like the service to begin. You should carefully monitor your payroll deposit statements for the first two pay periods after the service begins.

To stop automatic payroll deposit, complete the form available from the payroll department and return it to payroll at least 10 days before the pay period for which you would like the service to end. You will receive a regular payroll check on the first pay period after the receipt of the form, provided it is received no later than 10 days before the end of the pay period.

Timekeeping Requirements

All non-exempt employees, with the exception of Interns and Customer Service Representatives, are required to use time sheets to record time worked for payroll purposes. Employees must record their own time at the start and at the end of each work period, including before and after the lunch break. Employees also must check out at the front desk whenever they leave the building. Any errors on your timesheet should be reported immediately to your supervisor. Time sheets must be signed by employee and supervisor and submitted to payroll by 5:00 p.m. on the Friday that marks the end of the pay period.

Interns and Customer Service Representatives are required to use a computer desk top time clock to record time worked for payroll purposes. Time sheets are printed and distributed on the Monday following the end of the pay period and must be signed by employee and supervisor and submitted to payroll with 24 hours.

Work Schedules

Livermore Amador Valley Transit Authority Administrative Offices are normally open for business between the hours of 8:30 a.m. and 5:00 p.m. Monday through Friday. Your supervisor will assign your individual work schedule. All employees are expected to be at their desks or workstations at the start of their scheduled shifts, ready to work.

The Authority also operates a Transit Center in Livermore, which provides customer service for passengers and the Community. The Transit Center is normally open for business between the hours of 5:00 a.m. and 7:00 p.m. Monday through Friday. Customer Service Representatives are assigned work schedules and exchanging work schedules with other employees is discouraged. However, if you need to exchange schedules, notify your supervisor, who may authorize an exchange if possible. Work schedule exchanges will not be approved for the mere convenience of an employee or if the exchange interferes with normal operations or results in excessive overtime.

The workweek begins at 12:01 a.m. Saturday and ends at midnight on the following Friday.

Safety and Health

Employees Who Are Requested to Drive

Employees who are required to drive an Authority vehicle or their own vehicles on Authority business will be required to show proof of current valid driving licenses and current effective insurance coverage before the first day of employment.

Livermore Amador Valley Transit Authority participates in a system that regularly checks state Department of Motor Vehicles (DMV) records of all employees who drive as part of their job.

Livermore Amador Valley Transit Authority retains the right to transfer to an alternative position, suspend, or terminate an employee whose license is revoked, or who fails to maintain personal automobile insurance coverage or who is uninsurable under the Authority's policy.

Employees who drive their own vehicles on Authority business will be reimbursed per mile at the current rate established by the Internal Revenue Service.

Ergonomics

Livermore Amador Valley Transit Authority is subject to Cal/OSHA ergonomics standards for minimizing workplace repetitive motion injuries. The Authority will make necessary adjustments to reduce exposure to ergonomic hazards through modifications to equipment and processes and employee training. The Authority encourages safe and proper work procedures and requires all employees to follow safety instructions and guidelines.

Livermore Amador Valley Transit Authority believes that reduction of ergonomic risk is instrumental in maintaining an environment of personal safety and well-being, and is essential to our business. We intend to provide appropriate resources to create a risk-free environment.

If you have any questions about ergonomics, please contact the Director of Finance.

Health and Safety

All employees are responsible for their own safety, as well as that of others in the workplace. To help us maintain a safe workplace, everyone must be safety-conscious at all times. Report all work-related injuries or illnesses immediately to your supervisor or to the human resources department. In compliance with California law, and to promote the concept of a safe workplace, Livermore Amador Valley Transit Authority maintains an Injury and Illness Prevention Program. The Injury and Illness Prevention Program is available for review by employees and/or employee representatives in the office of the Director of Finance.

In compliance with Proposition 65, Livermore Amador Valley Transit Authority will inform employees of any known exposure to a chemical known to cause cancer or reproductive toxicity.

Recreational Activities and Programs

Livermore Amador Valley Transit Authority or its insurer will not be liable for payment of workers' compensation benefits for any injury that arises out of an employee's voluntary participation in any off-duty recreational, social, or athletic activity that is not part of the employee's work-related duties.

Security

Livermore Amador Valley Transit Authority has developed guidelines to help maintain a secure workplace. Be aware of persons loitering for no apparent reason in parking areas, walkways, entrances and exits, and service areas. Report any suspicious persons or activities to security personnel. Secure your desk or office at the end of the day. When called away from your work area for an extended length of time, do not leave valuable and/or personal articles in or around your workstation that may be accessible. The security of facilities as well as the welfare of our employees depends upon the alertness and sensitivity of every individual to potential security risks. You should immediately notify your supervisor when unknown persons are acting in a suspicious manner in or around the facilities, or when keys, security passes, or identification badges are missing.

The Authority's workplace security program is described in detail in the Authority's System Safety Program Plan (SSPP).

Workplace Violence

Livermore Amador Valley Transit Authority has adopted the following workplace violence policy to ensure a safe working environment for all employees.

The Authority has a zero tolerance for acts of violence and threats of violence. Without exception, acts and threats of violence are not permitted. All such acts and threats, even those made in apparent jest, will be taken seriously, and will lead to discipline up to and including termination.

Possession of non-work related weapons on Authority premises and at Authority-sponsored events shall constitute a threat of violence.

It is every employee's responsibility to assist in establishing and maintaining a violence-free work environment. Therefore, each employee is expected and encouraged to report any incident which may be threatening to you or your co-workers or any event which you

reasonably believe is threatening or violent. You may report an incident to any supervisor or manager.

A threat includes, but is not limited to, any indication of intent to harm a person or damage Authority property. Threats may be direct or indirect, and they may be communicated verbally or nonverbally.

The Authority's workplace violence program is described in detail in the Authority's Injury and Illness Prevention Program (IIPP).

Allergies

1. Food Allergies.

A food allergy occurs when a person's immune system decides that a particular food is harmful. The person's immune system releases massive amounts of chemicals to protect the body. These chemicals trigger a cascade of allergic symptoms that can affect the respiratory system, gastrointestinal tract, skin, or cardiovascular system. Symptoms range from a tingling sensation in the mouth, swelling of the tongue and the throat, difficulty breathing, hives, vomiting, abdominal cramps, diarrhea, drop in blood pressure, to loss of consciousness and/or death. Symptoms typically appear within minutes after the person has eaten the food to which he or she is allergic, but may occur hours later.

Although a person can be allergic to any food, there are eight foods that account for 90% of all food allergy reactions. These are milk, eggs, peanuts, tree nuts, fish, shellfish, soy, and wheat. Currently, there are no medications that cure food allergies. **Strict avoidance of the allergy-causing food is the only way to avoid a reaction.**

A. Possible Accommodations

If a LAVTA employee suffers from such an allergy, he or she should **notify Human Resources immediately.** LAVTA will then implement accommodations to reduce the risk to the employee.

While implementing policies restricting certain foods is not fail-safe, it may help to reduce exposure. Accommodations *may* include:

- Posting signs at entrances to the building and in hallways, restrooms, waiting rooms and conference rooms. These signs will alert people that certain foods are restricted due to a severe food allergy.
- Sending memos to employees informing them that if a person has eaten the offending food, they must let others know so the proper precautions may be taken. Some allergic reactions have occurred when a person has contact with someone who has eaten an offending food.
- Sending occasional memos encouraging compliance with the policy.
- Enforcing the policy with consequences for violations.
- Allowing the employee to eat at his/her desk or in his/her office or allowing extra time during lunch so the employee may go home to eat.
- Permitting flexible scheduling so the employee with a food allergy may work when less people are present in the workplace to decrease possible exposure.

- Relocating the employee's workspace to reduce possibility of exposure to offending foods.
- Researching current airline policies regarding snacks served on the plane; some airlines do not serve peanut snacks.
- Allowing employees who travel for work to stay overnight in hotels with refrigerators in the rooms so they may bring their own food.
- Accommodating the need for recurrent medical intervention.
- Conduct a training session to educate employees on food allergies.
- Discuss the proper steps to take in an emergency situation, e.g., how to call 911.
- Discuss the signs and symptoms of an anaphylactic reaction, which may include a tingling sensation in the mouth, swelling of the tongue and the throat, difficulty breathing, hives, vomiting, abdominal cramps, diarrhea, dizziness, and loss of consciousness.
- Allow an employee to re-locate or re-schedule a meeting in a room that is inducing an allergy or sensitivity.
- Allow an employee the right to remove themselves from a harmful environment.
- Allow an employee to keep medication with him/her at all times.
- Note that an employee with a food allergy may wear a medical alert necklace or bracelet.

C. Procedure

Once the appropriate accommodations have been identified, employees will be notified as needed through signs posted in building, promotional materials and training.

Visitors will be informed of this policy through signs, and it will be explained to them by their host.

Employees who violate this policy may be subject to disciplinary action, up to and including termination.

2. Scent-free Workplace Policy.

A. Scented Products

Due to the health concerns arising from exposure to scented products, LAVTA has instituted a this policy to provide a scent-free environment for all employees and visitors.

Scented products can adversely affecting a person's health, causing some or all of the following symptoms:

- headaches
- dizziness, lightheadedness
- nausea
- fatigue
- weakness
- insomnia
- malaise
- confusion
- loss of appetite
- depression
- anxiety
- numbness

- upper respiratory symptoms
- shortness of breath
- watering eyes and runny nose
- difficulty with concentration
- skin irritation

Allergic and asthmatic patients, as well as those with other conditions, report that certain odors, even in the smallest amounts, can trigger an attack. The severity of these symptoms can vary. Some people report mild irritation while others are incapacitated and/or must give up many 'normal' activities in order to avoid exposure (such as going to public places). In addition, people suffering from food allergies may have an allergic reaction to non-food items that contain natural or food-based ingredients.

The use of scented products will not be allowed within the building at any time. In addition, all materials used for cleaning will be scent-free.

What types of products contain scents?

Scents are included in a very large range of products including:

- shampoo and conditioners
- hairsprays
- deodorants
- colognes and aftershaves
- fragrances and perfumes
- lotions and creams
- tissues and kleenex
- potpourri
- industrial and household chemicals
- soaps
- hand sanitizer
- cosmetics
- air fresheners and deodorizers
- oils
- candles
- diapers
- some types of garbage bags

It is important to remember some products which claim to be 'scent free' may have only masked the scent by use of an additional chemical.

A list of locally available scent-free products is available from Human Resources.

B. Natural Scents

Even natural scents can cause severe allergic reactions in people with environmental sensitivities or food allergies. Accordingly, employees are not permitted to bring flowers or flowering plants to the workplace. If an employee is sent flowers or a flowering plants at the workplace by someone else, he or she is to store them outside of the building or dispose of them immediately.

C. Procedure

Employees will be informed of this policy through signs posted in buildings, the policy manual, promotional materials and will receive orientation and training.

Visitors will be informed of this policy through signs and it will be explained to them by their host.

Employees who violate this policy may be subject to disciplinary action, up to and including termination.

Termination

Employee References

All requests for references must be directed to the Director of Finance. No other manager, supervisor, or employee is authorized to release references for current or former employees.

By policy, Livermore Amador Valley Transit Authority discloses only the dates of employment and the title of the last position held of former employees. If you authorize the disclosure in writing, Livermore Amador Valley Transit Authority also will inform prospective employers of other information as specifically designated in the disclosure authorization.

Reductions in Force

Under some circumstances, Livermore Amador Valley Transit Authority may need to restructure or reduce its workforce. If restructuring our operations or reducing the number of employees becomes necessary, the Authority will attempt to provide advance notice, if possible, to help prepare affected individuals. If possible, employees subject to layoff will be informed of the nature of the layoff and the foreseeable duration of the layoff, whether short-term or indefinite.

In determining which employees will be subject to layoff, Livermore Amador Valley Transit Authority will take into account, among other things, operation and requirements, the skill, productivity, ability, and past performance of those involved, and the employee's length of service.

Voluntary Resignation

Voluntary resignation results when an employee voluntarily quits his or her employment at Livermore Amador Valley Transit Authority by submitting a written and signed resignation letter, or fails to report to work for three consecutively scheduled workdays without notice to, or approval by, his or her supervisor. All Authority-owned property, including vehicles, keys, uniforms, identification badges, and credit cards, must be returned immediately upon termination of employment.

APPENDIX A

LAVTA Human Resources Policy (adopted by BOD 10/6/14)

1. GENERAL PROVISIONS

1.1 PURPOSE

The objective of these policies is to facilitate efficient service to the public and to provide a human resources management system within the Livermore Amador Valley Transit Authority (LAVTA) that deals with all employees in an equitable and uniform manner.

1.2 SCOPE

In cases where these policies conflict with agreements duly agreed upon between any employee and the Authority, the provisions of the agreement shall govern. In all other cases, these rules shall apply.

2. POLICIES AND PROCEDURES

2.1 APPLICATIONS FOR EMPLOYMENT

Application for employment shall be made in a manner prescribed by the Executive Director. Applications shall require information on specific job experience, education, and training, shall contain job-related information, and shall be signed and dated by the applicant.

2.1.1 No questions on any application or asked at an interview shall attempt to elicit information concerning race, age, color, creed, sex, sexual orientation, gender identity, genetic information, marital status, national origin, mental, physical or sensory disability, or religious affiliation for the purpose of discrimination.

2.1.2 All statements submitted on the application or attached resume may be subject to investigation and verification prior to appointment.

2.1.3 All job openings will be subject to a competitive process. The Executive Director or designee shall determine whether competition shall be limited to internal candidates or shall be opened to all qualified candidates. If competition includes outside candidates, the job opening will be advertised as appropriate to the position and in accordance with the LAVTA Human Resources Procedures Manual.

- 2.1.4 The Authority shall conform to all requirements under the Americans with Disability Act relating to application for employment and continued service with the Authority.

2.2 APPOINTMENT

- 2.2.1 All appointments to vacancies shall be made by the Executive Director or designee after considering the qualifications of the applicants.
- 2.2.2 Qualified Authority employees will be given due consideration for any available position upon application for the position.

2.3 ATTENDANCE

Employees shall be in attendance at their job in accordance with the rules regarding hours of work, holidays and leave of absence.

- 2.3.1 An employee shall not be absent from work for any reason other than those specified in this Human Resources Policy without making prior arrangements with the Executive Director or designee. Unless prior arrangements are made, an employee who, for any reason, fails to report to work, shall make a sincere effort to immediately notify the Executive Director or designee of the reason for being absent. If the absence continues beyond the first day, the employee shall notify the Executive Director or designee on a daily basis unless other arrangements have been made. *The Executive Director or designee may require a medical certificate from the employee's treating physician if the absence continues over three consecutive days.*
- 2.3.2 Any unauthorized absence of an employee may be cause for disciplinary action.

2.4 OVERTIME COMPENSATION

The payment of overtime compensation shall be in accordance with Federal Law. The Executive Director shall conduct a review of the responsibilities of each position and designate whether the position is exempt from overtime compensation provisions pursuant to the Code of Federal Regulations: Title 29: Part 541. Nonexempt employees who are required to work more than 40 hours in one week shall be entitled to overtime compensation for all hours so worked. Overtime is paid only for time worked, not time compensated. Therefore, overtime is not paid when time worked is less than 40 hours in the week but the employee receives PTO, holiday pay (as defined in paragraph 5.1.1), jury duty pay or similar pay for unworked hours and the paid time exceeds 40 hours. The overtime rate shall be computed at one and one-half times the employee's

regular rate of pay as calculated to the nearest one-tenth (1/10) of an hour. Employees shall be compensated for overtime worked by monetary payment, paid not later than the next payroll following the pay period in which the overtime was worked. All overtime shall be approved in writing by the Executive Director or designee.

2.5 HOURS OF WORK

The Administrative Office shall be open for the public between 8:30 a.m. and 5:00 p.m. each weekday, except on Authority holidays as per paragraph 5.1.1. The Transit Center shall be open for the public as determined by the Executive Director or designee in accordance with all agreements or other public considerations.

Employees will work per established full time (40 hours per week) or part-time schedule.

2.6 LAYOFF

The Executive Director may layoff employees for lack of work, budgetary restrictions, or due to other changes that take place. Layoffs will be made based on performance without regard for seniority. The employee will be given two (2) weeks notice, except in cases of emergency, before layoff takes place.

2.7 LEAVES OF ABSENCE

2.7.1 Personal Leaves:

2.7.2 The Executive Director or designee may grant a regular employee leave of absence without pay, not to exceed three (3) months, for personal leave.. No such leave shall be granted except in written form and upon written request of the employee setting forth the reason therefore. Upon expiration of a regularly approved leave of absence without pay, the employee shall be reinstated in the position held at the time leave was granted if such position is available; however, reinstatement is not guaranteed. Failure on the part of an employee on leave to report promptly at its expiration or within a reasonable time after notice to return to duty shall be cause for discipline. The Executive Director or designee may grant an employee in the introductory period,= leave of absence without pay for one (1) calendar week only.

a. Medical and Other Benefits

During an approved personal leave of absence without pay per paragraph 2.7.2, employee must pay the employee's portion of the premium as directed by the Authority. Employee's health care coverage will cease if the employee's

premium payment is more than 30 days late. If employee's payment is more than 30 days late, the Authority will send the employee a letter to this effect. If the Authority does not receive the Authority's co-payment within 15 days of that letter, the employee's coverage may cease. If employee elects not to return to work for at least 30 calendar days at the end of the leave period, the employee may be required to reimburse the Authority for the cost of the health benefit premiums paid by the Authority for maintaining coverage during the employee's unpaid leave.

During the unpaid leave, PTO accrual will cease.

2.7.3

Temporary Disability Leaves:

2.7.4

a. An unpaid medical leave of absence may be granted for temporary medical disabilities with a doctor's written certificate of disability if a leave is necessary to reasonably accommodate a workplace injury or a qualified disability under the Americans With Disabilities Act or the Fair Employment and Housing Act. Temporary disability leave runs concurrently with Family Medical Leave.

b. The duration of a disability leave under this section shall be consistent with applicable law, but in no event shall the leave extend past the date on which an employee becomes capable of performing the essential functions of his or her position, with or without reasonable accommodation.

c. If the disability leave is needed due to a work-related injury, all matters relating to an employee's leave rights, including compensation, benefits, substitution of paid leave, notice and certification requirements, and reinstatement shall be governed by the state workers' compensation laws.

d. Requests for leave should be made as far in advance as possible. Employees are required to use any unused accrued sick leave and vacation. Employees may also be eligible for State Disability Insurance (SDI) benefits. Use of sick leave, vacation leave or State Disability Insurance benefits does not extend the time period of the leave of absence.

2.7.5

Family Medical Leave Act

a. Leave Policy

Under the federal Family and Medical Leave Act (“FMLA”) and the California Family Rights Act (“CFRA”), employees may take time off as provided in this policy, so long as (1) the employee has worked for the Authority for at least 12 months, and for at least 1,250 hours in the last 12 months, (an employee returning from fulfilling his or her National Guard or Reserve military obligation will be credited with the hours of service that would have been performed but for the period of military service in determining the 1,250 hours of service).

b. Reasons for Leave

Eligible employees may take up to 12 weeks of unpaid Family and Medical Leave within any rolling 12-month period (measured backward from the date of the commencement of any Family and Medical Leave) and be restored to the same or a comparable position upon the employee’s return from leave for any of the following reasons:

- (1) the birth of a child and to bond with or to care for such child;
- (2) the placement of a child with the employee for adoption or foster care and to bond with or to care for the newly-placed child;
- (3) to care for a spouse, domestic partner, child, or parent (“covered relation”) with a serious health condition;
- (4) the employee’s own serious health condition that renders him/her unable to perform an essential function of his/her position;
- (5) “military exigency leave,” when there is a qualifying military exigency arising out of the fact that an employee’s spouse, domestic partner, child, or parent is on covered active duty (or has been notified of an impending call or order to covered active duty) in the National Guard, Reserves or regular Armed Forces. "Qualifying exigency" under the FMLA includes any activities listed in the applicable Department of Labor governing regulations. Qualifying exigencies include: (1) short-notice deployment; (2) military events and related activities; (3) childcare and school activities; (4) financial and legal arrangements; (5) counseling; (6) rest and recuperation; (7) post deployment activities; (8) parental leave; and (9) additional activities.

In addition, under the FMLA, “Military Caregiver Leave” may be requested to care for a spouse, domestic partner, son or daughter (of any age), parent, or next of kin who is a covered service member, and who has incurred a serious injury or illness in the line of duty while on active duty in the Armed Forces, including leave to care for covered veterans who are undergoing medical treatment, recuperation, or therapy for a serious injury or illness incurred or aggravated in the line of duty on active duty and that manifested before or after the veteran left active duty.

A “covered service member” under the FMLA Military Caregiver Leave is: a) a current member of the Armed Forces, including a member of the National Guard or Reserves, who is undergoing medical treatment, recuperation, or therapy, is otherwise in outpatient status, or is otherwise on the temporary disability retired list, for a serious injury or illness; or b) a covered veteran who is undergoing medical treatment, recuperation, or therapy for a serious injury or illness. “Covered veteran” means an individual who was a member of the Armed Forces (including a member of the National Guard or Reserves), and was discharged or released under conditions other than dishonorable at any time during the five-year period prior to the first date the eligible employee takes FMLA leave to care for the covered veteran

Provided all the conditions of this policy are met, an employee may take a maximum of 26 weeks of military caregiver leave in a single 12-month period, inclusive of the any leave the employee takes for family care, medical, or military exigency leave during that period. This 12-month period will be measured *forward* from the first day leave is taken, regardless of how the Company calculates the single 12-month period for other FMLA purposes.

Military Caregiver Leave may run concurrently with CFRA leave if the covered servicemember is a CFRA “covered relation” (i.e. your spouse, registered domestic partner, child (under age 18, unless incapable of self-care because of a mental or physical disability), or parent) and the covered servicemember suffers from a serious health condition under CFRA. If such conditions are not met, CFRA leave is not exhausted during military caregiver leave. In any event, CFRA leave lasts for a maximum of 12 weeks, and any military caregiver leave beyond that would be FMLA only.

Spouses who are both employed by the Company may take a maximum combined total of 26 weeks in the 12-month period for military caregiver leave and any other FMLA leave, including military exigency leave. However, no more than 12 weeks of this combined 26-week period may be taken for reasons other than to care for the service member.

c. Time Off from Work Due to Employee’s Disability Due to Pregnancy/Childbirth/Adoption

Time off from work because of disability due to pregnancy, childbirth, or adoption is counted as time used for FMLA leave, but is not counted as time used for CFRA leave. Pregnant employees may have the right to take up to four (4) months of Pregnancy Disability Leave (PDL) in addition to CFRA leave. Pregnant employees may be entitled to additional leave beyond four (4) months to accommodate a pregnancy-related disability if reasonable under the circumstances and not an undue hardship. Pregnant employees should consult with Human Resources regarding their individual situation.

d. Notice of Leave

If the need for Family and Medical Leave is foreseeable, employee must give the Authority at least 30 days prior notice of the need for leave, preferably in writing. If this is not possible, employee must at least give notice as soon as practicable (generally within one (1) to two (2) business days of learning of the need for leave), and employee must comply with the Authority's usual and customary notice and procedural requirements for requesting leave absent unusual circumstances. Failure to provide such notice may be grounds for delay of leave. Additionally, if the employee is planning a medical treatment, the employee must consult with the Authority first regarding the dates of such treatment. For foreseeable leave due to a qualifying exigency, notice must be provided as soon as practicable. Where the need for leave is not foreseeable, employee should notify the Authority as soon as possible and practical.

The employee's notice must include sufficient information for the Authority to determine if the leave qualifies for FMLA/CFRA protection and for the Authority to determine the expected timing and duration of the leave.

e. Certification of a Serious Health Condition

If the employee is requesting leave because of the employee's own or a covered relation's serious health condition, employee must provide appropriate medical certification from the relevant health care provider within 15 calendar days after employee requests leave, if practicable. If employee provides at least 30 days notice the medical certification should be provided before leave begins. Failure to provide requested medical certification in a timely manner may be grounds for delay of leave. The certification must include the name, address, phone and fax numbers of the health care provider and the type of medical practice, the approximate date on which the serious health condition began and its probable duration, a statement documenting the need for leave, and confirmation that, if the employee is the patient, employee is unable to perform one or more of the essential functions of the employee's job due to the serious health condition or, if a family member is the patient, confirmation that the family member is in need of care.

The Authority, at its expense, may require an examination by a second health care provider designated by the Authority, if it reasonably doubts the medical certification initially provided by the employee for the employee's own serious health condition. If the second health care provider's opinion conflicts with the original medical certification, the Authority, at its expense, may retain a third, mutually agreeable, health care provider to conduct an examination and provide a final and binding opinion.

The Authority may require subsequent medical recertification at the expiration of the employee's previous certification. Failure to provide requested recertification within 15 days, if such is practicable, may result in delay of

further leave until it is provided.

f. Certification for a Qualifying Exigency

If the employee is requesting military exigency leave, employee must provide appropriate certification within 15 calendar days after employee requests leave, if practicable. Failure to provide requested certification in a timely manner may be grounds for delay of leave. Employee must provide a copy of the military member's active duty orders or other documentation issued by the military that indicates that the military member is on active duty or call to active duty status in support of a contingency operation, and the dates of the member's active duty service.

Employee must also provide a signed statement of the facts regarding the qualifying exigency for which FMLA is requested, and provide the approximate date on which the qualifying exigency began or will begin, the beginning and end dates for the absence that is a single continuous period of leave (or, for intermittent or reduced schedule basis leave, an estimate of the frequency and duration of the qualifying exigency), and if the qualifying exigency involves meeting with a third party, provide appropriate contact information for any third party with whom you are meeting and a brief description of the purpose of the meeting.

g. Certification for Military Caregiver Leave

If employee is requesting leave to care for a covered service member with a serious injury or illness, employee must provide medical certification that the serious injury or illness was incurred in the line of duty on active duty in the Armed Forces.

h. Reporting While on Leave

If employee takes leave because of the employee's own serious health condition or to care for a covered family relation, employee must contact the Authority as directed regarding the status of the condition and the employee's intention to return to work. In addition, employee must give notice as soon as practicable (within two (2) business days if feasible) if the dates of leave change, are extended, or initially were unknown.

i. Leave is Unpaid

Family and Medical Leave is unpaid leave, although employee may be eligible for short-term or disability payments, paid family leave and/or workers' compensation benefits under those insurance plans. Employee may elect to substitute any accrued paid time off (e.g., PTO, administrative, etc.) for unpaid

Family and Medical Leave. The use of paid leave is subject to the terms of the Authority's usual policies, procedures and restrictions applicable to that type of paid leave.

j. Medical and Other Benefits

For the first 12 weeks of an approved Family and Medical Leave, the Authority will maintain the employee's health benefits as if the employee continues to be actively employed. If paid leave is substituted for unpaid Family and Medical Leave, the Authority will deduct the employee's portion of the health plan premium as a regular payroll deduction. If the employee's leave is unpaid, employee must pay the employee's portion of the premium as directed by the Authority. Employee's health care coverage will cease if the employee's premium payment is more than 30 days late. If employee's payment is more than 30 days late, the Authority will send the employee a letter to this effect. If the Authority does not receive the Authority's co-payment within 15 days of that letter, the employee's coverage may cease. If employee elects not to return to work for at least 30 calendar days at the end of the leave period, the employee may be required to reimburse the Authority for the cost of the health benefit premiums paid by the Authority for maintaining coverage during the employee's unpaid leave.

During the unpaid portion of a family medical leave, PTO accrual will cease.

k. Intermittent and Reduced Schedule Leave

Leave because of a serious health condition, including pregnancy-related disabilities, or military caregiver leave, may be taken intermittently (in separate blocks of time due to a single health condition) or on a reduced-leave schedule (reducing the usual number of hours you work per workweek) if medically necessary. Qualifying exigency leave may also be taken intermittently or on a reduced-leave schedule. Any leave taken for birth or placement of a child must be taken in blocks of at least two weeks (but employee is allowed two exceptions), and must be taken within one year of the birth or placement of the child with the employee.

If leave is unpaid, the Authority will reduce the employee's salary based on the amount of time actually worked. In addition, while the employee is on an intermittent or reduced leave schedule, the Authority may temporarily transfer the employee to an available alternative position that better accommodates employee's recurring leave and has equivalent pay and benefits.

l. Returning from Leave

If employee takes leave because of the employee's own serious health condition, (except if the employee is taking intermittent leave) employee is required to provide medical certification from employee's health care provider that states that employee is able to resume work and that addresses the employee's ability to perform the essential functions of the employee's job. Employees failing to provide the return-to-work medical certification form will not be permitted to resume work until it is provided.

Under most circumstances, an employee who returns from a Family and Medical Leave will be reinstated to his or her original job or to an equivalent job with equivalent pay, benefits, and other employment terms and conditions. However, an employee has no greater right to reinstatement than if she or he had been continuously employed rather than on leave. In addition, employees who do not return to work are not entitled to an accrual of seniority or employment benefits that may have occurred during a leave period.

m. Employer Requirements

The Authority must inform employees requesting leave whether they are eligible for Family and Medical leave. If they are, the notice must outline any additional information that is required and outline the employees' rights and responsibilities. If they are not eligible, the notice must give a reason for the ineligibility. It is unlawful for any employer to interfere with, restrain, or deny the existence of any right provided under the FMLA/CFRA, to discharge or discriminate against any person for opposing any practice made unlawful by the FMLA/CFRA or for involvement in any proceeding under or relating to the FMLA/CFRA. Employees may file a complaint with the U.S. Department of Labor or the California Department of Fair Employment and Housing, or employees may bring a private lawsuit to enforce the FMLA and the CFRA.

- 2.7.6 Leave of absence with pay shall be granted to an employee who is called or required to serve as a juror. The employee must return to work on any day that they are excused from service. The employee shall be paid the difference between his/her full salary and any payment received for such duty, except travel pay.
- 2.7.7 Leave of absence with pay shall be granted to an employee while going to and from court and answering a subpoena as a witness. The employee shall be paid the difference between his/her full salary and any payment received for such duty except travel pay.
- 2.7.8 Military leave shall be granted in accordance with provisions of law. Employees entitled to military leave shall give the Executive Director

an opportunity, within the limits of military regulations, to determine when such leave shall be taken.

- 2.7.9 When an employee participates in a funeral ceremony he/she may use Paid Time Off (PTO) to perform such duty. Time not worked because of such absence shall not affect general leave accrued.

- 2.7.10 *Administrative Leave* - In recognition that management employees in positions classified as exempt are required to work hours beyond their regular hours of work to fulfill their management responsibilities, each exempt management employee shall be credited with seven (7) days of administrative leave per year.

The seven (7) days of administrative leave will be credited to each exempt management employee during the first pay period in July of each succeeding year.

All managers with unused administrative leave as of June 30 will be paid for said leave in the final pay period of the fiscal year.

Exempt management employees hired during the year preceding July 1 shall receive a prorated administrative leave. Management employees leaving LAVTA prior to June 30 and who have unused Administrative Leave, will be credited on a prorated basis from July 1 to the termination date. If employee has used more than the prorated share, the final paycheck will be adjusted.

Exempt management employees are limited to the Executive Director and all employees in the Director Classification band.

2.8 OUTSIDE EMPLOYMENT

- 2.9.1 Employees who plan to participate in any gainful occupation other than Authority service during off-duty time must have written permission to do so from the Executive Director or designee. The Authority retains the right to refuse permission to any employee for such outside employment whenever it appears to the Authority that such outside employment would interfere with the proper performance of the Authority's service for which the employee has been hired, or that such outside employment may place the employee in a position of conflict of interest, or would result in a poor public image for the Authority as determined by the Executive Director or designee.

- 2.9.2 In the event of illness or injury incurred in outside employment by members so employed or arising out of such employment, the Authority will in no way be responsible for compensation or any other benefits.
- 2.9.3 Use of Authority equipment is permitted only in the performance of Authority duties.
- 2.9.4 No employee shall solicit outside employment while on duty for the Authority, or use his/her Authority position as an aid for leverage to gain outside employment.

2.10 INTRODUCTORY PERIOD

Original appointment shall be subject to an introductory period of six (6) months actual service.

- 2.10.1 New employees will be provided with an orientation to the Authority and their positions. Every month during the introductory period, new employees will meet with their supervisor to discuss the employee's performance to date. At the time of the discussion serious performance deficiencies shall be documented in writing and an action plan agreed to.
- 2.10.2 Upon completion of the introductory period, the employee shall be given a written evaluation. If this evaluation shows that the employee has satisfactorily demonstrated the qualifications for the position, the employee shall gain regular status, and shall be informed in writing.
- 2.10.3 Employees not meeting performance requirements during the introductory period shall be notified of such action in writing by the Executive Director or designee at any time during the introductory period.
- 2.10.4 The introductory period may be extended once by the Executive Director for a period not to exceed ninety days, in order to further evaluate the performance of the employee.

2.11 TEMPORARY APPOINTMENTS

Appointments to Authority employment on other than an acting or regular basis shall be considered temporary. Such temporary appointments shall be allowed only as follows:

Temporary appointees shall serve at the discretion of the Executive Director or designee.

2.12 PROFESSIONAL DEVELOPMENT

2.12.1 Budgeted Authority funds may be used for attendance at professional development conferences, as approved by the Executive Director or designee.

2.12.2 Budgeted Authority funds may be used to meet the cost of registration and books for training requested by employee, provided that the program has been approved by the Executive Director or designee as being a benefit to the Authority. The Executive Director or designee, in considering a proposed training program, will require the employee to submit a Request for Authorization to Attend Training form and documentation which may as a minimum include:

- (1) An outline of program scope and purpose
- (2) An outline of specifics of the program to be undertaken
- (3) Proof of qualification for acceptance to the program
- (4) An outline of any leave from work required
- (5) A program expense budget
- (6) A demonstration that the Authority will accrue benefits from the training program equal to the Authority direct and indirect expense incurred; and
- (7) Any other information deemed to be necessary.

The Executive Director or designee shall make the final decision as to the approval of a requested training program based on the above-required prospectus.

2.12.3 Expenditure of Authority funds for academic courses shall be made after prior approval of the course by the Executive Director or designee. Employees shall furnish proof of a passing grade in the course to receive tuition reimbursement by the Authority. Degree programs are excluded from this policy.

Leave from work may be granted for attendance at these programs if:

- (1) This is the only time the training is available
- (2) It can be scheduled so as not to unduly jeopardize operations of the Authority.

3. GENERAL CONDUCT, DISCIPLINE, TERMINATION, AND APPEAL

3.1 CONDUCT

It shall be the responsibility of all employees to represent the Authority in a courteous, efficient, and helpful manner. The purpose of the Authority's disciplinary procedure is to advise the employee of less than satisfactory behavior or conduct, and to act as a corrective measure for improvement.

3.2 CAUSES FOR DISCIPLINARY ACTION

Employees may be subjected to disciplinary action. The following, among others, are causes which, if shown to the satisfaction of the Executive Director or designee to be related to work performance, are sufficient for disciplinary action:

- 3.2.1 Being under the influence of alcohol or illegal drugs during working hours. Bringing or consuming alcoholic beverages on LAVTA premises. Selling, using or possessing an illegal drug or controlled substance while on duty without a prescription. (See "LAVTA Substance and Alcohol Abuse Policy" for further restrictions.)
- 3.2.2 Failure to perform work as required.
- 3.2.3 Insubordination. Insubordination shall mean that the employee, having the ability to do a reasonable act, which he/she is directed to do by the Executive Director or designee, willfully fails or neglects to perform the directed act.
- 3.2.4 Breach of written disciplinary action.
- 3.2.5 Absence without leave or failure to report to work after a leave of absence has expired or after such leave of absence has been disapproved or revoked.
- 3.2.6 Being habitually absent or tardy for any reason.
- 3.2.7 Conviction of a criminal offense excluding certain infractions such as minor traffic violations.
- 3.2.8 Repeated garnishment of wages.
- 3.2.9 Using religious, political, or fraternal influence during working time.
- 3.2.10 Fraud in securing employment.

- 3.2.11 Disrespectful or discourteous conduct.
- 3.2.12 Misuse of Authority position, time, or property, including conducting personal business on Authority time and improper use of Authority equipment or credit card.
- 3.2.13 Unauthorized soliciting during work time.
- 3.2.14 Falsification of Authority records.
- 3.2.15 Theft, dishonesty, sexual harassment, discrimination or any other action which reduces the ability of the employee or the Authority to provide proper services.
Failure to submit to a medical examination or failure to appear at the designated time and place for such examination.

3.3 TYPES OF DISCIPLINARY ACTIONS

In most cases, the Authority employs progressive steps in its disciplinary program. However, in all cases disciplinary measures shall be commensurate with the offense. Disciplinary measures may include verbal warnings, written warnings, suspensions, demotions, disciplinary probation, and terminations. Each disciplinary action, regardless of severity or position of employee, must be documented and state the grounds and reasons for the action.

3.3.1 Verbal Warnings

Verbal warnings are a discussion with the employee regarding infractions of Authority rules or policies, including the nature of the violation, the expected behavior, and the discipline that will result if the infraction is repeated.

3.3.2 Written Warnings

Written warnings are a formal notice to the employee of a violation of Authority rules or policies. The written warning should describe the violation, cite any previous verbal or written warnings, and describe the expected behavior and the discipline that will result if the infraction is repeated.

3.3.3 Suspensions

Suspensions are unpaid, involuntary absences from work. Suspensions of five (5) days or more must be approved by the Executive Director or his/her designee. Employees suspended from Authority service shall

forfeit all rights, privileges, and salary or other fringe benefits while on such suspension.

3.3.4 Demotions

Demotions are a change from one position to another having lesser duties, responsibilities and salary. Demotions must be approved by the Executive Director or his/her designee.

3.3.5 Disciplinary Probations

Employees may be placed into a probationary status because of unsatisfactory work performance and/or because of work rule violations. Employees have a specific timeframe within which to correct the problem behavior or performance. Immediate termination may occur during the disciplinary probation period if problems continue, new problems arise or if declines in performance occur.

3.3.6 Termination

Termination is the involuntary separation of the employee for cause. Any termination must be approved by the Executive Director or his/her designee.

3.4 NOTICE OF DISCIPLINARY ACTION

Any disciplinary action that may result in suspension of five (5) or more days, demotion, or termination must be set forth in writing and provided to the employee at least five (5) days before the proposed effective date. Notice of the proposed disciplinary action must include the following information:

- (i) A description of the proposed action, its effective date, and the rule or policy violated;
- (ii) A description of the acts or omissions forming the basis for the proposed action;
- (iii) A statement that a copy of any available materials upon which the action is based is attached to the notice.
- (iv) A statement that the employee has a right to respond orally, by requesting a conference with the supervisor imposing the discipline, or in writing prior to the effective date of the disciplinary action

3.5 GRIEVANCE PROCEDURE

Authority employees, except employees in their probationary period, who have been demoted, suspended for five (5) or more days, or terminated are entitled to appeal the decision and receive a hearing from a neutral decision-maker.

- 3.5.1 A formal grievance shall be filed by the employee within five (5) working days of the effective date of any demotion, suspension for five (5) or more days, or termination. The formal grievance shall be filed with the Executive Director on a form prescribed by the Authority.
- 3.5.2 The Executive Director shall schedule a fair and impartial hearing within thirty (30) calendar days of the filing of the grievance. At the hearing, the employee may answer the charges against him or her, present any mitigating evidence, or otherwise respond to the disciplinary action. The Executive Director will issue his/her decision within ten (10) working days of the hearing. The Executive Director may overturn, affirm or modify the disciplinary action.
- 3.5.3 If the employee is not satisfied with the Executive Director's decision, he/she may appeal the decision within five days to the Board of Directors. The appeal must be filed within five (5) working days of the date of the Executive Director's decision. The appeal shall include a copy of the original grievance, the decision rendered by the Executive Director, and a statement of reasons for the appeal.
- 3.5.4 The Board shall employ a neutral third party to hear the appeal and to recommend action to the Board.
- 3.5.5 The Board may adopt, reject, or modify the recommendation of the Board-appointed neutral third party. The decision of the Board is the final action of the Authority and shall be final and binding on the parties.

3.6 RESIGNATION

An employee wishing to leave the service of the Authority in good standing will file with the Executive Director or his/her designee a written resignation stating the effective date and reason for leaving. The written resignation must be submitted at least two (2) weeks in advance for the employee to be considered to have resigned in good standing.

Upon the submittal of a written or verbal notice of resignation, the action of the employee may not be rescinded without the approval of the Executive Director. The decision of the Executive Director on the request of an employee to withdraw a notice of resignation shall be final.

Failure of an employee to resign in good standing or give notice of resignation

shall be entered in the employee's service record and may be cause for denying future employment with the Authority.

4. PERFORMANCE EVALUATIONS AND RATES OF PAY

- 4.1.1 Each regular employee shall receive an annual written performance evaluation during the month of June. As part of the performance evaluation, an overall rating of clearly outstanding, exceeds expectations, meets expectations, needs improvement, or unsatisfactory will be given.
- 4.1.2 Regular employees receiving "needs improvement" or "unsatisfactory" performance evaluations will be provided with a written action plan to improve performance and be scheduled for a follow up evaluation in six months.
- 4.1.3 New employees will be evaluated as described in paragraph 2.10.1 and 2.10.2.

4.2 RATES OF PAY

4.2.1 Pay for Performance Compensation Plan The following is a description of the basic tenets of the Authority's performance pay plan for its employees. This plan underscores the Authority's commitment to achieving results and providing the best service with the finest employees.

Market Surveys – As part of the annual budget approval process, salary ranges will be established in accordance with procedures in the Human Resources Manual, which includes adherence to the Executive Director Compensation Policy and an annual salary survey for all established positions within the Authority. The Survey will establish a market range and midpoint for positions within the Authority.

Control Points – For each classification band in the pay plan a "control point" is established. The control point is considered the midpoint of the salary range. The midpoint represents the value of each position within the internal organizational structure. The plan provides an opportunity for individuals to earn up to 15% above their control point for continued exceptional performance. Conversely, salaries of employees not meeting the Authority's performance standards may drop to 15% less than the control point.

Performance Zones – Each salary range shall be divided into four performance zones as follows:

Zone One (85% through 95% of control point): This portion of the

range is typically considered to be that into which a new employee is hired. However, where circumstances warrant, employees may be hired up to the control point.

Zone Two (96% through 104% of the control point): This is the portion of the salary range to which an employee may normally expect to progress. Most employees will achieve and maintain a salary within this portion of the range.

Zone Three (105% through 111% of the control point): Only those employees whose performance, over time, exceeds expectations will achieve and maintain a salary that falls within this portion of the range.

Zone Four (111% through 115% of the control point): Only those employees whose performance, over time, far exceeds expectations will achieve and maintain a salary that falls within this portion of the range

Comp-Ratio – As part of the administration of the pay plan, a comp-ratio shall be computed for each employee. The comp-ratio represents the relationship of each employee's current salary to the control point of his/her salary range. The comp-ratio is calculated by dividing the employee's current salary by the control point of his/her salary grade.

Merit Salary Increase – Merit salary increases may be considered on an annual basis and distributed by the Executive Director based upon the recommendation of the supervisor and the following general guidelines

- Increase amounts should differ significantly as performance levels increase.
- All other considerations being equal, employees in the lower performance zones of the salary range (below the control point) may receive larger percentage increases than those in higher performance zones (above the control point).
- No salary increase shall be awarded in instances where a performance rating is "Needs Improvement" or "Unsatisfactory."

In the month of June each year, employees will be eligible for individual salary adjustments effective July 1. Said increases shall be made based solely upon performance and in accordance with the guidelines above. No salary increase shall be made unless a performance appraisal has been made of the employee.

Performance Bonus – The Executive Director may recognize an employee's specific accomplishments by authorizing a performance bonus. In the case of employees who do not report directly to the Executive Director the supervisor may recommend to the Executive Director that a bonus be given. The

performance bonus may be authorized for significant project accomplishments or significant cost savings beyond the normal high expectations of the staff. All bonuses granted shall be in the form of a one-time payment. The total of all bonuses granted shall not exceed 2% of the annual gross payroll.

4.2.2 Salary Bands

The positions, with the exception of Executive Director, shall all be properly classified with respect to Fair Labor Standards Act (FLSA), and all positions appropriately assigned to the following Salary Bands.

Band 1 – Hourly

Band 2 - Support

Band 3 - Professional

Band 4 – Senior Professional

Band 5 – Manager

Band 6 - Director

4.2.3 Employees shall be paid salaries on the Friday following the end of the bi-weekly pay period.

5. BENEFITS

5.1 HOLIDAYS

5.1.1 Each full-time employee shall be entitled to the following paid holidays which are hereby declared to be official holidays of the Authority:

- | | | |
|----|-----------------------------|-----------------------------------|
| a) | New Year's Day | January 1 |
| b) | Martin Luther King, Jr. Day | 3 rd Mon. in January |
| c) | Washington's Birthday | 3 rd Mon. in February |
| d) | Memorial Day | Last Mon. in May |
| e) | Independence Day | July 4 |
| f) | Labor Day | 1 st Mon. in September |

- g) Veteran's Day November 11
- h) Thanksgiving Day 4th Thursday in Nov.
- i) Friday following Thanksgiving Day
- j) Christmas Eve December 24
- k) Christmas Day December 25
- l) New Year's Eve December 31

- 5.1.2 Any holiday falling on a Saturday shall be observed the preceding Friday. Holidays falling on a Sunday shall be observed the following Monday, unless that is already a designated holiday, in which case the holiday falling on a Sunday shall be observed on Friday.

5.2 PAID TIME OFF (PTO)

A plan for paid time off (PTO) shall be established for all employees regularly scheduled to work more than 1,040 hours on an annual basis, in lieu of traditional vacation leave, sick leave, bereavement leave, etc. PTO may be used for any leave purpose; however, its use shall be governed by the following sections.

Employees off work due to a disability, or on approved leave of absence as defined in Section 2.8, shall be required to use all PTO accrued prior to taking a leave of absence without pay. If an employee is eligible to receive disability benefits, PTO benefits will be coordinated with disability benefits to make up the difference between the disability benefit and the employee's monthly salary, until PTO benefits are exhausted.

- 5.2.1 There shall be two categories of PTO as outlined below:
- a) Scheduled PTO: Any PTO which can be reasonably forecast or anticipated, i.e. vacation, scheduled medical/dental appointments, extended weekends, personal leave, etc.
 - b) Unscheduled PTO: Any leave that is genuinely of an unanticipated nature, i.e. sick leave, bereavement leave, etc.
- 5.2.2 Scheduled PTO requires the approval of the Executive Director or his/her designee prior to the absence. Scheduled leave exceeding three weeks requires the special approval of the Executive Director. The employee shall be given due regard in selecting a convenient time to take scheduled PTO, provided it is not in direct conflict with the best

interest of the Authority. A request for scheduled PTO should be submitted in accordance with established procedures. Every effort should be made to submit requests two weeks prior to the PTO.

The use of unscheduled PTO shall be reported on the employee's time card. Inappropriate or excessive use of unscheduled PTO may be grounds for disciplinary action.

5.2.3 "PTO Accrual": Depending on the status of the employee, the amount of PTO accrued shall be as follows:

- a) Full-Time Employees: Each full-time employee shall accrue PTO for each pay period of service, based on the years of service with the Authority. The accrual of PTO shall begin upon entry on duty at the Authority. The accrual shall be in accordance with the following schedule:

Length of Service	PTO Accrued Each Pay Period
-------------------	-----------------------------

Beginning with the first day of service through the fifth year anniversary (without a break in service)	6.77 Hours
---	------------

Following the fifth year	8.31 Hours
--------------------------	------------

- b) Employees scheduled to work 20-40 Hours Per Week: For employees scheduled to work between 20 and 40 hours per week, the pro-rata share to be accrued will be the percentage of a regular 40 hour work week which they are scheduled to work, multiplied by the PTO accrued per month, as shown in Subsection a. above.

5.2.4 No employee shall accrue more than 346 hours of PTO. When an employee's unused PTO balance reaches this limit, all accrual of additional PTO shall cease until the balance falls below the maximum accrual limit.

5.2.5 Any employee separating from the Authority service who has accrued PTO shall be entitled to termination pay in lieu of such PTO. When separation is caused by death, payment shall be made to the employee's spouse or estate or, in applicable cases, as provided by the Probate Code of the State. Termination pay will be paid at the employee's current hourly rate at the time of termination, for any unused PTO.

5.3 WORKERS' COMPENSATION

The employer shall observe the State law with regard to Workers' Compensation.

5.4 RETIREMENT PLAN

Effective January 1, 2013, LAVTA established two tiers of retirement plan benefits.

Tier 1 – Defined as members of the State of California Public Employees' Retirement System (PERS) or reciprocal system, on or before December 31, 2012. The employee shall be covered under the 2% at age 55 plan of the State of California Public Employee's Retirement System, including the third level of benefits under the 1959 Survivor Benefit and final year compensation. Employee shall pay the employee's PERS contribution as a before tax deduction.

Tier 2 – Defined as members of the State of California Public Employees' Retirement System (PERS) on or after January , 2013. The employee shall be covered under the 2% at age 62 PERS plan, including the third level of benefits under the 1959 Survivor Benefit, and three year final compensation. Employee shall pay 50% of the total normal cost rate or the current contribution rate of similarly situated employees, whichever is greater.

5.5 HEALTH, DENTAL AND VISION CARE INSURANCE

Full-time employees shall, at the option of the employer, be provided family medical, dental, and vision insurance as described herein. Annuitants shall be provided medical insurance as described herein:

- 5.5.1 Full-time employees and annuitants will be provided the option to select eligible plans administered under the California Public Employees' Retirement System, Public Employees' Medical and Hospital Care Act.
- 5.5.2 The Authority's contribution for each employee or annuitant shall be the amount necessary to pay the cost of his/her enrollment, including the enrollment of his/her family members, in a health benefit plan up to a maximum of the full premium contribution for the highest premium HMO (PERSCare is not an HMO).
- 5.5.3 Employees and their eligible dependents shall be provided with a dental care plan. The Authority shall pay the premium for this dental care plan for both the employee and eligible dependents. The premium paid by

the Authority for regular part-time employees shall be prorated as defined in section 5.10 of this policy.

- 5.5.4 Employees and their eligible dependents shall be enrolled in a vision care plan. The premium for the vision care plan for both the employee and eligible dependents shall be paid by the Authority. The premium paid by the Authority for regular part-time employees shall be prorated.
- 5.5.5 It is the employee's responsibility to notify the Authority regarding any changes in dependent status.

5.6 DISABILITY INSURANCE

- 5.6.1 The Authority will contribute on behalf of each full-time employee the cost of premiums associated with the provision of long-term disability insurance with an elimination period of not more than sixty days. The insurance plan shall be selected and approved by the Board of Directors of the Authority. Specific benefits shall be defined in the plan documents.
- 5.6.2 Full time employees off work due to a disability will continue to receive health care benefits, as defined in Section 5.5, for up to six months following complete exhaustion of their leave accrual. At the end of six months employees on disability leave may continue coverage by paying the premium payments themselves through LAVTA.

5.7 LIFE ACCIDENTAL DEATH & DISMEMBERMENT

The Authority shall contribute an amount necessary to provide life insurance in an amount equal to one and one-half times the employee's current annual salary. This insurance shall include accidental death and dismemberment coverage.

5.8 TRANSIT PASS

In accordance with the LAVTA Employee Free Ride Policy, all employees and eligible family members/dependents, as defined in the Policy, are eligible to ride Wheels Fixed Route transit service at no cost. In addition, employees riding Dial-A-Ride Paratransit must be certified eligible for participation in the ADA paratransit program, in which case free rides on Dial-A-Ride will be available only for work related trips.

5.9 AUTOMOBILE ALLOWANCE

Employees who use their personal automobile for authorized office

business shall receive reimbursement at the applicable rate as established by the Internal Revenue Service. Alternatively, employees may use a LAVTA staff vehicle. When doing so, employees must comply with the requirements outlined in the Use of LAVTA Service Vehicle Policy.

5.10 PART-TIME EMPLOYEES

Employees employed on a regular schedule of more than 1,040 hours and less than 2,080 hours on an annual basis, shall receive prorated benefits as determined by the Executive Director.

Confirmation of Receipt

Confirmation of Receipt

I have received my copy of LAVTA's employee handbook. I understand and agree that it is my responsibility to read and familiarize myself with the policies and procedures contained in the handbook.

I understand that any and all policies or practices can be changed at any time by LAVTA. LAVTA reserves the right to change my hours, wages, and working conditions at any time. I understand and agree this employee handbook supersedes all prior agreements, understandings, and representations concerning my employment with LAVTA. I understand that any conflict between this Handbook and Board adopted Policies will be governed by Board adopted policies.

Employee's Signature _____

Date _____



MV Transportation Employee Handbook

Issue Date

January 1, 2018

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WELCOME TO MV TRANSPORTATION

As you begin your employment with MV Transportation, we welcome you to our organization and invite you to read and become familiar with the contents of this handbook. We believe you will find it full of helpful and valuable information about our policies and procedures. This handbook is designed to guide and assist you in performing to the best of your abilities, as well as developing and realizing your potential as one of our valued employees.

For over four decades, MV Transportation has been a leading provider of reliable and safe transportation. With your help, we are looking forward to continuing growth and prosperity as we find new and better ways to serve our customers' needs.

Please read this handbook carefully and retain it for future use. Familiarize yourself with its contents as soon as possible because it should answer many of your initial and ongoing questions about your employment. This handbook has been developed by MV Transportation to promote understanding, cooperation, and good communication. You are responsible for being familiar with the information included in the handbook. If you have any questions about any of the information, please ask your supervisor or Human Resources for explanation or clarification.

THIS HANDBOOK GENERALLY DESCRIBES SOME OF MV TRANSPORTATION'S CURRENT POLICIES AND PROCEDURES. **THIS HANDBOOK DOES NOT CONSTITUTE A CONTRACT OF EMPLOYMENT.** NOTHING IN THIS HANDBOOK SHALL BE CONSTRUED TO CONSTITUTE A CONTRACT, AND THE COMPANY HAS THE RIGHT, AT ITS DISCRETION, TO MODIFY THIS HANDBOOK AT ANY TIME, UNLESS OTHERWISE PROVIDED UNDER THE TERMS OF AN APPLICABLE COLLECTIVE BARGAINING AGREEMENT, ARBITRATION AGREEMENT, OR OTHER VALID CONTRACT. THIS HANDBOOK SUPERSEDES AND REPLACES ALL PRIOR HANDBOOKS. HOWEVER, IF YOU ARE COVERED BY A COLLECTIVE BARGAINING AGREEMENT ("CBA"), TO THE EXTENT THERE ARE ANY DISCREPANCIES BETWEEN THIS HANDBOOK AND THE CBA, THE CBA WILL CONTROL.

Once again, we welcome you to our family and wish you success as we turn to face the numerous challenges, opportunities, and potential rewards ahead.

A handwritten signature in dark ink, appearing to read 'Kevin Jones', is positioned above the printed name and title.

Kevin Jones
Chief Executive Officer

Mission Statement and Values

Mission Statement

We deliver innovative transportation solutions that provide freedom of movement, safety and a customer experience that is second to none.

Our Values

We are a people business and the word “RESPECT” best describes our commitment to service. To our passengers, YOU are the Company. As a MV employee, it is your responsibility to always protect our values. You have joined a very special Company that provides a very important service to our clients and customers. We stand for:

R espect	Let courtesy, warmth, empathy and kindness drive your behaviors
E thics	Simply put, do the right thing
S afety	Nothing is more important than safety
P rofitable Growth	Positive financial performance of our Company
E xcellence	Quality and integrity are our backbone
C elebration & Collaboration	It is all about teamwork and recognizing each other and our accomplishments
T alent & Innovation	We are the best at what we do and the service we provide

Purpose of Employee Handbook

This employee handbook has been drafted as a guideline for our employees. It describes the Company’s general philosophy and some of its current policies and procedures, but it is not intended to be all-inclusive. Unless otherwise provided under the terms of an applicable Collective Bargaining Agreement, arbitration agreement, or other valid contract, the Company reserves the right to amend, withdraw, supplement, or modify any terms or conditions of employment, at any time and for any reason, without prior notice, whether stated in the handbook or established through employment practices or other employment policies, except for the Company policy regarding at-will employment which may only be modified as described below.

While the Company will generally follow the guidelines stated in this handbook, you should understand that it does not constitute a contract between you and the Company. The Company may deviate from these guidelines where federal, state

or local law has specific requirements which the Company must adhere to or follow. This Handbook contains some of the authorized employment policies of the Company and supersedes any other versions. Please see your manager for a copy of this policy which is also available on Portal or Sharepoint.

Nature of Our Business

MV is a private contractor operating passenger transportation services for public and private agencies nationwide. We operate in a very competitive business environment; hence, we must operate safely, control our costs and provide outstanding customer and client service. We welcome your suggestions on how we can make improvements at our Company. Every MV employee plays a critical role in our success.

At-Will Employment

MV is an at-will employer. That means that employment may be terminated at any time by either the employee or the Company, with or without notice, for any lawful reason. This also means your terms and conditions of employment, including but not limited to termination, demotion, promotion, transfer, compensation, benefits, duties, hours, and location of work may be changed with or without cause or notice at the Company's sole discretion. The at-will employment relationship cannot be changed, and no employee of the Company is employed for any specific time period, unless he or she has or is covered by a written agreement signed by the CEO, CHRO or if otherwise required by law. No person other than the CEO or CHRO is authorized to enter into any employment agreement for a specified term with any employee.

Some of our employees are covered by a collective bargaining agreement. If you are covered by a collective bargaining agreement, your employment relationship, including the terms and conditions of your employment, is governed by that Agreement.

Equal Employment Opportunity

As a government contractor, MV's employment policy is to provide equal opportunity to all persons and to require affirmative action to ensure equality of opportunity in all aspects of employment. In furtherance of this policy, employment decisions shall be based on merit, qualifications, and competence. Except where required or permitted by law, employment practices shall not be influenced or affected by virtue of an applicant's or employee's race, color, creed, religion, sex, national origin, age, pregnancy, disability, veteran status, marital status, sexual orientation, gender identification, or any other characteristic protected by law. This policy statement governs all aspects of employment including but not limited to recruitment, selection, promotions, terminations, transfers, layoffs, compensation, training, benefits, and other terms and conditions of employment.

MV prohibits retaliation against applicants or employees who file discrimination charges with federal, state or local fair employment practice agencies, participate in investigations of such charges or an OFCCP proceeding, oppose unlawful employment practices, or assert any other rights protected by law.

MV's Equal Opportunity Policy is an essential part of the Company's overall commitment to attract, hire and develop a strong, talented and diverse work force.

Accommodations for Disabilities, Work Restrictions and Religion

MV takes affirmative steps to employ and advance qualified individuals with disabilities at all levels of employment. MV Transportation will make a reasonable accommodation for the known physical or mental limitations of otherwise qualified individuals with a disability and/or who are otherwise physically restricted in the job duties they can perform, unless the accommodation would impose an undue hardship and/or a direct threat to the health and/or safety of the individual or others would result. Reasonable accommodation means any change or adjustment to a job or work environment that permits an otherwise qualified applicant or employee with a disability or work-related restrictions to participate in the job application process or to perform the essential functions of a job. Individuals seeking accommodations must make the request to their supervisor and to the Human Resources Department. Supervisors or managers who are notified of a request for accommodation must immediately forward the request to the Human Resources Department.

MV Transportation will also attempt to make reasonable accommodations for employee observance of sincerely held religious beliefs. All requests for a religious accommodation should also be directed to the supervisor and the Human Resources Department. Supervisors or managers who are notified of a request for an accommodation must forward all requests for a religious accommodation to the Human Resources Department.

Once a request for an accommodation is received, the request will be analyzed in order to aid in the determination of a reasonable accommodation. This interactive process may require additional documentation and/or communications with or between the employee, management, and/or the Human Resources Department, including obtaining more information regarding the requested accommodation and/or the reason for the accommodation and an assessment of any and all restrictions, in order to evaluate possible accommodations and the feasibility of proposed accommodations. All requests for accommodations will be considered and resolved on a case by case basis in accordance with applicable law.

Disabled, Recently Separated, Other Protected, & Armed Forces Service Medal Veterans

MV's employment policy prohibits job discrimination and requires affirmative action to employ and advance disabled veterans, recently separated veterans (within three years of discharge or release from active duty), other protected veterans (veterans who served during a war or in a campaign or expedition for which a campaign badge has been authorized) and Armed Forces service medal veterans (veterans who, while on active duty, participated in a U.S. military operation for which an Armed Forces service medal was awarded).

Anti-Harassment/Anti-Discrimination Policy

All Company employees have a right to work in an environment free from all forms of unlawful discrimination and harassment. Consistent with the Company's respect for the rights and dignity of each employee, discrimination and harassment based on race, color, creed, religion, sex, national origin, age, pregnancy, disability, veteran status, marital status, sexual orientation, gender identification, or any other characteristic protected by applicable law, will not be tolerated. This includes harassment and discrimination by any MV employee, or a contractor, agent or third parties with whom MV employees interact during the course of their employment. All employees should be aware of the following:

1. Sexual harassment is strictly prohibited. Sexual harassment includes unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when: (a) submission to such conduct is made as either an explicit or implicit term or condition of employment; (b) submission to or rejection of such conduct is used as a basis for an employment decision affecting the harassed employee; or (c) such conduct has the purpose or effect of interfering with an employee's work performance or creates an intimidating, hostile, or offensive work environment pursuant to applicable law. Sexual harassment can specifically include but is not limited to: unwelcome sexual flirtations, advances, or propositions; requests for sexual favors; verbal abuse of a sexual nature, obscene language, off-color jokes, verbal commentary about an individual's body, sexual innuendo, and gossip about sexual relations; the display of derogatory or sexually suggestive pictures, posters, cartoons, drawings, or objects, or suggestive notes or letters; visual conduct such as leering or making gestures; sexually suggestive comments about an individual's body or body parts, or sexual degrading words to describe an individual; unwelcome touching of a sexual nature such as patting, pinching or brushing against another's body; any other physical or verbal conduct of a sexual nature by supervisors, fellow coworkers, or others in the workplace; sending offensive e-mails to coworkers with sexually suggestive comments or sexually degrading words; and viewing inappropriate materials such as pornography in the workplace or during work hours.

2. Harassment on the basis of any protected characteristic is strictly prohibited. In general, statements or physical conduct relating to a person's race, color, creed, religion, sex, national origin, age, pregnancy, disability, veteran status, marital status, sexual orientation, gender identification, or any other status which is protected by applicable law constitutes harassment when it:
 - a. has the purpose or effect of creating an intimidating, hostile, or offensive work environment;
 - b. has the purpose or effect of unreasonably interfering with an individual's work performance; or
 - c. otherwise adversely affects an individual's employment pursuant to applicable law.
3. Harassing conduct includes, but is not limited to: epithets, slurs, or negative stereotyping; threatening, intimidating, or hostile acts; and written or graphic material that denigrates or shows hostility or aversion toward an individual or group and that is placed on walls or elsewhere on the employer's premises or circulated in the workplace.
4. All supervisors are responsible for assuring that no employee is unlawfully discriminated against or subjected to conduct that constitutes sexual or any other form of harassment.
5. An individual found to have engaged in inappropriate conduct, including discrimination, sexual harassment, or any other form of unlawful harassment, will be disciplined as appropriate, up to and including discharge.
6. Any employee who believes that he or she has been the subject of inappropriate conduct, including discrimination, sexual harassment, or any other form of harassment, or who has observed any such conduct should, and is strongly encouraged, to immediately bring the matter to the attention of any supervisor, any executive or any human resources employee. Alternatively, you may contact the Open Door Hotline, 877-687-2338.
7. Any complaint of harassment or discrimination should include details of the incident(s) or conduct, names of individuals involved, and the names of any witnesses. Supervisors and managers should immediately refer all harassment complaints to Human Resources.
8. If at any time an employee feels their report of discrimination and/or harassment is not being properly addressed, they are free, and strongly encouraged, to make an additional report to any of the individuals or the Open Door Hotline identified above.

9. A prompt and thorough investigation of the alleged discrimination and/or harassment will be conducted, and appropriate corrective and/or disciplinary action will be taken, if warranted. Complaints will be treated as confidential to the extent possible.
10. Refusal to cooperate in an investigation of harassment or discrimination or initiating a complaint in bad faith is also prohibited and may result in disciplinary action, including termination.
11. The Company will not in any way retaliate against an employee, applicant, or former employee who, in good faith, makes a complaint or report of discrimination or harassment, or participates in the investigation of such a complaint or report. Retaliation against any individual for reporting a claim of harassment or cooperating in the investigation of same will not be tolerated. Retaliation includes any adverse employment action because the employee complained about or resisted harassment, discrimination, or retaliation, or has cooperated in an investigation.
12. Any employee who believes that he or she has been retaliated against should immediately report it using the reporting procedure described above. Any report of retaliation by the one accused of discrimination or harassment, or by any other employee, including supervisors or managers, will also be promptly and thoroughly investigated in accordance with the procedures outlined above. If a complaint of retaliation is substantiated, appropriate corrective and/or disciplinary action will be taken.

The contact information for the federal and state agencies that enforce the laws against unlawful discrimination and harassment in the states of California, Maine, Massachusetts, Rhode Island, and Vermont and for government contractors are listed in Appendix 1 to this Handbook. Please understand utilizing the Company's reporting procedures set forth above does not prevent you from filing a complaint with a federal or state agency.

Immigration Law Compliance

MV complies with the applicable immigration laws where it does business, including with the Immigration Reform and Control Act of 1986. MV is committed to employing only United States citizens and aliens who are authorized to work in the United States.

As a condition of employment, each new employee must properly complete, date, and sign the first section of the United States Citizenship and Immigration Services Form I-9. Newly rehired employees must also complete the form if they have not previously filed an I-9 with this organization, if their previous I-9 is more than three years old, or if their previous I-9 is no longer valid.

Open Door Policy

As a MV employee, you've joined an organization that places high value on customer service. That same high value is placed on employees. You will find your supervisor values you as an employee and is there to help guide and assist you in performing your role.

We challenge ourselves to take the initiative and be part of the solution. Anytime you have a suggestion or idea to make things better or a concern or complaint about the way things are done, discuss it with your supervisor or any member of management. Your input is a valuable part of our success.

We are committed to addressing workplace concerns and issues important to you. If a situation arises with your job, another employee, or customer that makes you uncomfortable, MV asks that you immediately bring it to our attention. If, for any reason, you do not want to discuss the situation with your supervisor or if you feel issues remain unresolved, you can contact another member of management or you can call our Open Door Hotline at 877-687-2338 or email us at employee.relations@mvtransit.com. You can also write to us at MV Transportation, 2711 N. Haskell Avenue, Ste 1500, LB-2, Dallas, TX 75204. Address your letter to the Chief Human Resources Officer.

You can be assured that such complaints will be investigated and that you will not be subject to any adverse action as a result of making a good faith complaint.

Introductory Period

The first ninety (90) days of employment are an introductory period. The period is an essential part of the training and evaluation process and is used to ensure that each employee's performance meets the required standards. An introductory period may be extended at the discretion of the supervisor. However, because employment at MV Transportation is "at-will", both during and after the Introductory Period, the Company has no obligation to retain you either during or after you have completed your introductory period unless otherwise required by applicable bargaining agreement or by law.

Employment Categories

Full-time

Full-time employees are those who are regularly scheduled to work at least 30 hours or more per week. Generally, regular, full-time employees may be eligible for some or all of the Company's benefit plans, subject to the terms, conditions, and limitations of each benefit plan/program. For purposes of determining benefits eligibility, the definition or standard for full-time may be different.

Part-time

Part-time employees are those who are regularly scheduled to work less than 30 hours per week. This generally includes casual, occasional and on-call drivers and other staff. While part-time employees receive all legally mandated benefits (such as workers' compensation and Social Security benefits), they are generally ineligible for many of the Company's other benefit plans/programs.

Temporary

Temporary employees are those who are hired as interim replacements, to temporarily supplement the work force or to assist in the completion of a specific project. Employment assignments in this category are of a limited duration. Employment beyond any initially stated period does not imply a change in employment status. Temporary employees retain such status unless and until notified of a change. The temporary employment relationship is an "at-will" relationship, regardless of whether an estimated duration of assignment exists. While temporary employees receive all legally mandated benefits (such as workers' compensation insurance and Social Security) they are generally ineligible for the Company's other benefit plans/programs.

Safety Sensitive Functions

While all employees are responsible for strictly adhering to all rules and policies affecting the safety of the workplace, our customers and employees, the following functions are considered to be "safety sensitive":

- Operating a revenue service vehicle, including when not in revenue service;
- Operating a non-revenue service vehicle, when required to be operated by a holder of a Commercial Driver's License;
- Controlling dispatch or movement of a revenue service vehicle;
- Maintaining (including repairs, overhaul and rebuilding) a revenue service vehicle or equipment used in revenue service

Thus, the following positions are "safety sensitive":

- Driver
- Mechanic and other maintenance personnel
- Reservationist (if performing safety sensitive functions)
- Dispatcher
- Road Supervisor
- Assistant, Maintenance, Operations, Safety or General Manager

Compensation and Payroll Practices

Wages and Benefits

Each location of the Company has a wage and benefit structure, which is subject to change. A printed summary is posted at each location setting forth the current wage and benefit information for your location and will be made available to you upon request. If you are covered by a collective bargaining agreement, it will describe the wages and benefits for members of the bargaining unit. Contact your General Manager or the Human Resources Department if you have any specific questions about your wages or benefits.

Payroll Status

Hourly employees

A hourly employee (whether full or part time) is paid for actual hours worked and is entitled to overtime pay in accordance with applicable state and federal laws.

Salaried employees

Salaried employees are generally not eligible for overtime pay and receive a weekly salary, regardless of the amount of hours they work that is paid every pay period.

Payroll Period & Pay Dates

For payroll purposes, the workday is defined as 12:01 a.m. to midnight and the workweek is defined as 12:01 a.m. Saturday to midnight the following Friday. Any type of paid time off is not counted as time worked for computing overtime.

Generally, payday is every other Friday unless otherwise required by bargaining agreement or state law. The specific pay dates for each division or location are posted on the employee bulletin board at that division or location. If a payday falls on a holiday, you will receive your payment on the preceding Thursday or the last business day before the holiday. Each payment covers work performed during the 14-day period ending the Saturday before payday. Direct deposit is available to all employees.

Time Recording

If you are an hourly employee, you must record the time you start work, the times you leave for and return from meal breaks, and the time you leave at the end of your working day. All employees are required to record time-off.

Hourly employees must accurately record all time worked and should not work any time that is not authorized by their supervisors. Do not start work early, finish work late, work during a meal break, or perform any other extra or overtime work unless you are directed to do so. If you have any questions about when or how many hours you are expected to work, contact your supervisor.

It is a violation of our policy for anyone to instruct or encourage another employee to work “off the clock,” to incorrectly report hours worked, or to alter another employee’s time records. If anyone directs or encourages you to work “off the clock,” incorrectly report your hours, or to alter another employee’s time records, you should report the incident immediately to your supervisor, any member of management, the Human Resources Department, or the Open Door Hotline at 877-687-2338.

When your employment begins, you will receive instructions on how to record your time. Your immediate supervisor or manager must authorize your time record.

Overtime

Hourly employees will be paid overtime *pay (generally, time and one-half their regular rate of pay)* for all hours worked in excess of 40 **hours** in one workweek and as otherwise required by applicable state, federal, or local law (including without limitation daily overtime **and double time as** required by state or local law). **Hours for which you are paid pursuant to the Company’s PTO, Vacation, Holiday Pay, or other applicable policies will not be used for purposes of calculating overtime. The Company prohibits “comp time” as a replacement for overtime pay for hourly employees.** All overtime work must be authorized in advance. Although employees will be paid for all hours worked, including any overtime, working overtime without prior authorization may result in disciplinary action.

Salaried employees are expected to work as much of each workday as is necessary to complete their job responsibilities. No overtime is provided to **salaried** employees, **unless required by applicable law.**

Reporting Errors

MV Transportation takes all reasonable steps to ensure that employees are properly classified, paid for all hours worked, receive the correct amount of pay in each pay check, and paid promptly. If a mistake does occur and is called to the Company's attention, corrections will be made promptly. The Company has an internal complaint procedure for any employee who believes they have not been properly compensated. Employees who believe they have been erroneously compensated must immediately notify the Payroll or the Human Resources Department or utilize any other reporting procedure set forth in this handbook. The Human Resources department will share the results of its investigation with the employee and immediately take any necessary corrective action. Employees are free to utilize this reporting procedure without fear of reprisal or retaliation. An employee who believes they have been retaliated against for reporting a compensation error should immediately report such a belief to the Human Resources department or the Open Door Hotline at 877-687-2338.

Pay Adjustments

Operators and other division-based hourly jobs typically are considered for pay adjustments tied to an anniversary date or other due date and are effective on the first day of the pay period following the anniversary date and/or due date.

Operator Payroll Procedures

MV has adopted procedures that govern compensation for operators including rate of pay, hours of work, training time, non-revenue and revenue work. Please refer to the policy posted at your division for additional information.

Payroll Deductions

The law requires that the Company make certain deductions from every employee's compensation. Among these are applicable federal, state, and local income taxes. It is your responsibility to complete your W-4 form properly to ensure the proper amount of taxes are withheld.

The Company offers programs and benefits beyond those required by law. Eligible employees may voluntarily authorize deductions from their pay to cover the costs of participation in these plans/programs, such as health insurance or 401(k). Payroll deductions may also occur in other circumstances, such as court ordered garnishments, pre-authorized deductions for uniforms or voluntary written authorization.

Salaried employees' pay will not be "docked," or subject to deductions, in violation of salary pay rules issued by the United States Department of Labor and state government, as applicable; however, the Company may make deductions from employees' salaries in a way that is permitted under federal and state wage and hour rules. Employees will be reimbursed in full for any isolated, inadvertent, or improper deductions, as defined by law.

If concerns about any salary pay deductions arise, employees should discuss and resolve them with their supervisor or the Payroll Department or utilize any other reporting procedure set forth in this handbook.

Compensation for Meetings/Training/Drug Testing

Hourly employees will be paid their regular hourly rate for meetings, training and/or drug testing during regular work hours and a training rate for attendance occurring outside regular work hours. If an employee's job classification does not have a specified training rate, the training rate is the applicable minimum wage.

Travel Time

Unless applicable law provides otherwise, hourly employees are paid their regular hourly rate for travel that occurs during their regular work hours. For travel outside regular work hours, travel time is paid at the applicable minimum wage. The Company will follow all applicable state or federal laws in determining whether travel time is treated as hours worked.

Length of Service

An employee's start date, the date on which an employee began to receive wages, is considered their "date of hire". MV will bridge an employee's length of service if they voluntarily resigned, were in good standing when they resigned and return to the Company within 90 days of their resignation date.

What to Do If You Have Questions about Compensation and Payroll Practices

If you have any questions, concerns, comments, or complaints related to your compensation or the Company's payroll practices, please direct those comments to your supervisor, any executive, the Payroll department, or the Human Resources department. You may also contact the Open Door Hotline at 877-687-2338.

Hours of Work

Work Schedules

Work schedules for employees vary throughout the Company. Supervisors will advise employees of their individual work schedules. Staffing needs, operation demands, and client service requirements may require variations in the total hours that may be scheduled each day and week. The Company does not guarantee hours of work or schedules.

Rest and Meal Periods

The Company complies with federal and state legal requirements concerning meal and rest periods, and you will be provided with meal and rest periods in accordance with applicable law. If you have any questions concerning the meal and rest break requirements for the location at which you work, please contact the Human Resources Department.

Attendance and Punctuality

To maintain a productive work environment, the Company expects employees to be reliable and punctual in reporting for scheduled work. Absenteeism and tardiness place a burden on other employees and on the Company. All MV employees are required to report to work on time every day they are scheduled to work.

Salaried employees

If an employee is unable to report to work or will be reporting after a scheduled starting time for any reason, absent extenuating circumstances, the employee should personally call their supervisor. If their supervisor is unavailable a member of management or the Human Resources Department should be contacted. Messages should not be left with other employees. Absent extenuating circumstances, you must call in on any day you are scheduled to work and will not report to work.

Excessive absenteeism or tardiness may result in disciplinary action up to and including termination of employment. Each situation of absenteeism or tardiness will be evaluated on a case-by-case basis. Even one unexcused absence or tardiness may be considered excessive, depending upon the circumstances. Absent extenuating circumstances, an employee who fails to personally call their supervisor for two or more days to report absence will be considered to have abandoned and voluntarily terminated their employment.

Hourly Employees

The following applies to all non-introductory period employees and is based on a rolling twelve (12) month time period:

The policies outlined in this section do not limit the employee's and the Company's right to end the employment relationship at any time, for any reason not prohibited by law, with or without cause, and with or without notice unless otherwise required by the applicable bargaining agreement.

Excused Absence

Excused absences are approved requests for family medical leave (FMLA), kin care (if required by state law), personal leave, jury and/or witness duty, military, bereavement, pre-arranged vacation days or any other leave protected by law. Attendance points are not issued for excused absences.

Pre-arranged vacation days will be excused if:

- 1** - A MV "Request for Time Off" form is completed and approved by the Operations Manager, General Manager or Regional Vice President.
- 2** - These steps are completed per the division's advance notice policy.

Unexcused Absence

Absenteeism is measured in points. Employees are required to call in for each day of work missed. All employees who will be absent or tardy are required to notify their supervisor or dispatch at least one (1) hour prior to the start of their shift. Notwithstanding the situations described below, if an absence occurs, or an employee fails to call within the appropriate time, because of a FMLA qualified serious medical condition, the employee's absence will not count as a point.

- An unexcused absence, where the employee calls in at least one (1) hour prior to the start of his/her shift, is counted as one (1) point.
- Unexcused absences up to three (3) consecutive days are counted as one (1) point, provided proper notice is given. After day three (3), each day of absence is counted as one (1) point unless the employee provides a doctor's note excusing the absence for up to a total of ten (10) days. After ten (10) days, each day absent will be counted as one (1) point. Absences exceeding ten (10) days may be considered for a leave of absence.
- Calling in less than one (1) hour in advance of your start time to report an absence or tardy is counted as one and one-half (1 ½) points.
- Failure to call more than one (1) hour after the start of a scheduled shift for a scheduled shift (No Call/No Show) is counted as four (4) points.
- A failure to complete the entire shift is counted as one (1) point.
- Missing a required meeting is counted as one (1) point.

Tardiness

- Arriving to work up to 15 minutes after your scheduled reporting time either for shift start or returning from rest or meal breaks is one-half (1/2) point.
- Reporting to work more than 15 minutes after a scheduled reporting time either for shift start or returning from rest or meal breaks will be counted as one (1) point.
- If an employee is tardy for their shift, the shift may be re-assigned and the employee sent home.

Disciplinary Guidelines for Attendance

All non-exempt employees will be issued an Employee Attendance Report documenting each occurrence.

Violations of more than one component of the attendance policy, will receive a single point assessment of the highest value.

Employees are allowed a maximum of seven (7) points within a rolling 12-month period before a written warning is issued. Points are removed from the employee's record 12 months after they are issued. If an employee reaches ten (10) points within a rolling 12-month period, he/she will be terminated.

Clean Slate

If an employee goes "point free" for a consecutive six (6) month period, his/her attendance record will be wiped clean and any prior points will not be considered as a basis for disciplinary action.

Company Meeting Attendance

We require that all employees attend Company operations meetings, which include the monthly safety meetings. Failure to attend a mandatory Company meeting will result in one attendance point.

Attendance Policy for Non-Exempt Introductory Employees

MV expects new employees to demonstrate excellent attendance during their introductory period. Introductory period employees are permitted no more than one (1) point using the guidelines set above.

Attendance Policy for Exempt Employees

Due to the nature of exempt or salaried work, exempt employees are not subject to the Attendance/Tardiness Policy. Exempt employees are expected to maintain good attendance and complete all work assignments and meet the requirements of the position.

Job Abandonment

Unless otherwise prohibited by applicable law, an employee who does not report for three consecutive days' scheduled shifts and does not contact the Company during this time period will be considered to have voluntarily resigned his or her position.

Emergency Closings and Seasonal Work

Emergency conditions, such as severe weather, fire, flood, or earthquake, can disrupt Company operations and interfere with work schedules, as well as endanger employees' well-being. These extreme circumstances may require the closing down of operations partially, or business altogether. Time off due to emergency closings is generally unpaid.

Due to seasonal or holiday fluctuations of business, it is sometimes necessary to reduce hours below the normal level of hours worked. When this is necessary, such reductions will be based on certain factors, including but not limited to agency and client schedules, as well as driver seniority. Drivers should expect such slowdowns to include, but not be limited to, summers and seasonal holidays such as Thanksgiving or Christmas.

Employee Benefits

Health, Dental and Vision Insurance

Eligible, full-time employees are currently offered health, dental and vision insurance benefits as required by federal law and in accordance with the requirements of the plans. The details of those benefits, including eligibility requirements, are set forth in the plan documents themselves, and coverage and rates are subject to change periodically.

401(k)

Eligible, full-time employees may currently participate in the Company's 401(k) plan. The plan documents govern the terms of the plan. If you would like information concerning the Company's 401(k) plan, please contact the Human Resources Department.

Paid Time Off

Full-time employees are eligible to accrue Vacation or paid time off ("PTO"), subject to the applicable waiting period. Each location has its own accrual program for vacation or PTO. Please check with your manager or the division wage and benefit sheet for your vacation or PTO accrual rate and more specific information regarding the terms and conditions associated with the vacation or PTO program for your location. Vacation or PTO accrual is capped at 120 hours for hourly employees and 160 hours for salaried employees, unless otherwise regulated by state or other law. Unless prohibited by applicable law, vacation or PTO accrual will be suspended once the cap is reached, and accrual will begin again once vacation or PTO is used and the balance drops below the cap. Generally, employees should notify the division of the request to use vacation or PTO in accordance with the division's advance notice policy. In the absence of an advance notice policy, employees should provide as much notice as possible for planned absences and no less than one week's notice. In the event of unforeseeable circumstances, a shorter notice period may be acceptable. If a request for vacation or PTO is not approved and the employee is absent from work during that period, the employee is subject to discipline and may not be paid for that time off.

At the time of separation of employment, an employee will be paid all accrued and unused vacation or PTO, only if state or other applicable law requires that the Company pay the employee for accrued and unused vacation or PTO.

Vacation Cash-Out Policy

Drivers may cash out vacation pursuant to their division's cash out policy.

Paid Holidays

Full-time employees are eligible for paid holidays, subject to the applicable waiting period. The list of paid holidays and any applicable waiting period are posted at each facility. Holiday pay will only be paid to a non-exempt employee if the employee has worked his/her scheduled work day preceding the holiday and has worked his/her scheduled workday following the holiday.

If a paid holiday falls on an employee's day off or an employee is required to work on a holiday, the employee may receive an alternative day off or holiday pay, depending on the location's policy.

If a holiday falls during any unpaid time off (leave or vacation for example), the employee will not receive holiday pay.

Leave Policies

The Company provides all leaves required by applicable federal, state, or other applicable law, including the following types of employee leaves listed below. Any unpaid leave of absence in excess of 30 days may impact vacation accrual, healthcare benefits and length of service for seniority or bidding purposes. Please see your manager for a copy of this policy which is also available on Portal or Sharepoint.

In addition to the leaves listed below, many states have created other protected leaves. Please see your state addendum for information regarding additional leaves available under state law.

All applicable leaves run concurrently. For example, if an employee takes time off for a serious health condition that resulted from a work-related injury, the workers' compensation leave, state and federal family medical leave, if applicable, begin on the first day of absence.

Additional leaves of absence, other than those identified below, may be requested and will be considered on a case-by-case basis.

To the extent that any provision of this Leave Policy conflicts with any federal, state, or local law, the Company will follow all applicable laws irrespective of this policy and employees will be granted leave in accordance with all applicable laws. Where greater benefits than those described herein are required under applicable law, employees will receive those benefits.

IF YOU BELIEVE THAT YOU REQUIRE A LEAVE OF ABSENCE, PLEASE SEE YOUR STATE ADDENDUM AND CONTACT THE HUMAN RESOURCES DEPARTMENT AS SOON AS POSSIBLE FOR SPECIFIC INFORMATION REGARDING THE LEAVE POLICIES WHERE YOU ARE LOCATED. IF YOU BELIEVE YOU HAVE BEEN UNLAWFULLY DENIED LEAVE THAT YOU ARE ENTITLED TO UNDER APPLICABLE LAW, YOU MUST CONTACT THE

HUMAN RESOURCES DEPARTMENT OR UTILIZE ANY REPORTING PROCEDURE SET FORTH IN THIS HANDBOOK.

Workers' Compensation

MV purchases Workers' Compensation Insurance for employees who incur a work-related injury or illness. Any illness or injury to an employee, regardless of severity, that occurs while on the job must be reported. Any employee who has suffered a work related injury or illness has the right to make a workers' compensation claim. The employee may then be sent to a Company approved medical facility for treatment or examination, which may determine whether follow-up care is necessary. While on Workers' Compensation leave or while on a Temporary Modified Work assignment, employees shall conform to all applicable rules, policies and procedures. Employees will not be discriminated or retaliated against for presenting a Workers' Compensation claim, hiring a lawyer to represent the employee in the claim, commencing a proceeding before a worker's compensation board or commission, or testifying in such a proceeding.

Employees are required to fully cooperate with MV and MV's Workers' Compensation adjuster/administrator in the management of their claim. Failure to attend scheduled medical appointments without a reasonable basis may result in employee being sent home without pay pending an updated work status.

All employees who are involved in a workplace accident or incident resulting in property damage or any person being required to obtain medical attention will be subject to a drug and alcohol test (if allowable by state or other applicable law) and may be placed on unpaid "safety leave" until the results of the test are known.

Temporary modified work may be offered to those employees who have sustained a compensable workers' compensation injury and who have been released by an authorized health care provider to return to work with medical and/or physical restrictions. Temporary modified work may be assigned for up to 26 weeks per claim.

The Company may establish the temporary modified work day and work week based on the restrictions set forth by the authorized health care provider. Temporary modified work days shall not exceed 8 hours per day or 40 hours per week to ensure temporary modified duty employees do not work overtime.

Prior to acceptance of temporary modified work, the employee shall be furnished a written temporary modified work offer indicating the temporary modified work duties. Employees accepting this work shall receive their normal regular hourly rate of pay for the temporary modified work they perform. Please see your manager for a copy of this policy which is also available on Portal or Sharepoint.

Prior to returning to full-duty work, employees may, depending on circumstances or the nature of the injury, be subject to a return-to-work medical examination by a Company-approved doctor.

Reporting Employee Injuries or Illnesses

Employees are required to immediately report, as soon as possible, unless in the circumstances it would not be reasonable to do so, all on-the-job injuries and illnesses to their General Manager, Safety Manager, Dispatcher or immediate supervisor. Failure to timely report any incident, regardless of whether or not it results in injury or property damage, may result in disciplinary action up to and including termination. Please see our Safety Policy for more information on Incidents and Incident Reporting.

Family and Medical Leave

Employees have rights to family and medical leave under the Federal Family and Medical Leave Act of 1993. The Company provides Family and Medical Leave in accordance with both federal and any state or other applicable law.

Eligibility for Family and Medical Leave.

Employees who have worked at the Company for at least 12 months, who have worked at least 1,250 hours during the previous 12 months, and who work at a location where at least 50 employees are employed by the Company within 75 miles are eligible for Family and Medical Leave. Where the Company has assumed an existing contract, the time an employee has worked for a previous contractor is considered in this calculation.

Types of Family and Medical Leave Available.

State and federal laws allow Family and Medical Leave for various reasons. Because an employee's rights and obligations may vary depending upon the reason of the Family and Medical Leave, it is important to identify the reason for the leave. Family and Medical Leave is available for the following reasons:

- The birth, adoption, or foster care of an employee's child within 12 months following the birth or placement of the child ("Bonding Leave").
- To care for an immediate family member (spouse, registered domestic partner, child or domestic partner's child, or parent with a serious health condition) ("Family Care Leave").
- An employee's inability to work because of a serious health condition ("Serious Health Condition Leave"), as defined by law.
- A "qualifying exigency," as defined under the FMLA, for military operations arising out of a spouse's, child's or parent's Armed Forces (including the National Guard and Reserves) active duty or call to active duty in support of a "contingency operation" declared by the U.S. Secretary of Defense, President, or Congress, as required by law. ("Military Exigency Leave").

- To care for a spouse, child, parent, or next of kin (nearest blood relative) who is (a) an Armed Forces member (including the National Guard and Reserves) undergoing medical treatment, recuperation, or therapy, is otherwise in an outpatient status, or is otherwise on the temporary disability retired list with a serious injury or illness incurred or aggravated in the line of duty while on active duty that may render the individual medically unfit to perform his or her military duties, or (b) a person who, during the five (5) years prior to the treatment necessitating the leave, served in the active military, Naval, or Air Service, and who was discharged or released therefrom under conditions other than dishonorable (a "veteran" as defined by the Department of Veteran Affairs) and who has a serious injury or illness incurred or aggravated in the line of duty while on active duty that manifested itself before or after the member became a veteran ("Service Member Family Leave".)

How and When to Request Leave.

If you need Family and Medical Leave, you must provide the Company notice of the need for leave. To request foreseeable leave (such as following the birth of a child or for planned surgery), you should fill out an Application for Leave of Absence form, which is available from Human Resources at least 30 days in advance and submit the form to your Division Manager. When the need for leave is not foreseeable, you must give notice as soon as possible and, if possible, the notice should be in writing. Any request for leave should provide the Company with enough information to determine whether the leave qualifies as Family and Medical Leave.

Medical Certification Requirement.

If your leave is due to a serious health condition, either your own or a family member's, you will be required to furnish Medical Certification from a health care provider. Medical Certification forms are available from Human Resources. Failure to provide the required certification may result in the delay, denial, or cancellation of leave. If the certification shows that your absence does not qualify under the FMLA, the FMLA designation will be revoked retroactive to the first day of your leave and you may be subject to MV's attendance policy. The Company may require recertification during your leave.

At the Company's expense, the Company may also require a second or third medical opinion regarding your own serious health condition. Employees are expected to cooperate with the Company in obtaining additional medical opinions that the Company may require.

When leave is for planned medical treatment, you must try to schedule treatment so as not to unduly disrupt the Company's operation. Please contact the Human Resources department prior to scheduling planned medical treatment.

For *Military Exigency Leave*, employees are required to provide: (a) as much advance notice as is reasonable and practicable under the circumstances; (b) a copy of the covered military member's active duty orders when the employee requests leave; and (c) a completed Certification of Qualifying Exigency form within 15 calendar days, unless unusual circumstances exist to justify providing the form at a later date. Certification forms are available from the Human Resources department.

Absent unusual circumstances, failure to comply with these notice and certification requirements may result in a delay or denial of the leave. If you fail to return to work at your leave's expiration and have not obtained an extension of the leave, the Company may presume you do not plan to return to work and voluntarily terminate your employment.

Amount of Leave Available.

The maximum amount of FMLA Leave will be twelve (12) workweeks in any 12-month period when the leave is taken for: 1) Bonding Leave; 2) Family Care Leave; 3) Serious Health Condition Leave; and/or 4) Military Exigency Leave. However, if both spouses work for the Company and are eligible for leave under this policy, their leave may be limited to a combined total of 12 weeks if the leave is taken for Bonding Leave or Family Care Leave, under certain circumstances. A 12-month period begins on the date of your first use of FMLA Leave.

The maximum amount of Family and Medical Leave for an employee wishing to take Service Member Family Leave will be a combined leave total of twenty-six (26) workweeks in a 12-month period.

EXAMPLE: You take 12 workweeks off to bond with a newly adopted child. Later, in that same 12-month period, you wish to take time off from work to care for a spouse, child, parent or next of kin under the Service Member Family Leave provision of this policy. Because the law allows extra time off for Service Member Family Leave, you will be allowed to take this time off, so long and the total amount of leave does not exceed 26 workweeks.

If both spouses work for the Company and are eligible for leave under this policy, the spouses may be limited to a total of 26 workweeks off between the two when the leave is for Service Member Family Leave only or is for a combination of Service Member Family Leave, Bonding Leave and/or Family Care Leave.

Under some circumstances, you may take Family and Medical Leave intermittently – which means taking leave in blocks of time, or by reducing your normal weekly or daily work schedule.

How the Amount of Leave is Calculated.

The Company will calculate Family and Medical Leave on a "rolling 12-month basis." This means that the 12-month period is measured backwards from the date an employee uses any Family and Medical Leave. Each time an employee

takes Family and Medical leave, the remaining leave entitlement would be any balance of the 12-week annual entitlement (or 26 weeks, if applicable) that had not been used during the immediately preceding 12 months.

Benefit Continuation.

During Family and Medical Leave, your group health insurance will be maintained under the same conditions as if you were working. If you are on paid leave, your share of the premium, if any, will be deducted from your pay. If you are on unpaid leave, you must make the premium payments yourself on a monthly basis. If employee premium payments are more than 30 days late, insurance coverage may be terminated. You will be required to reimburse the Company for any premium payments you missed that the Company pays on your behalf.

You will not continue to accrue vacation or PTO while on unpaid Family and Medical Leave.

Reinstatement.

Under most circumstances, you will be reinstated to the same position held at the time of the leave or to an equivalent position with equivalent pay, benefits, and other employment terms and conditions. However, because the maximum entitlement under the FMLA is 12 weeks (or 26 weeks for Service Member Family Leave), this right to reinstatement will not apply to leaves that continue after the amount of leave you are entitled to is exhausted. Additionally, an employee has no greater right to reinstatement than if the employee had been continuously employed rather than on leave.

"Key employees," as defined by law, may be subject to reinstatement limitations in some circumstances. If you are a "key employee", you will be notified of the possible limitations on reinstatement at the time you request a leave.

Pay Status.

Family and Medical leave is generally unpaid leave. However, if you have any accrued PTO, you may be required to use that accrued time. Under these circumstances both the paid and unpaid leave count as Family and Medical Leave.

You may be eligible to receive benefits through State-sponsored, Company-sponsored, or some other wage-replacement benefit programs.

Fitness for Duty.

If you are taking medical leave due to your own serious health condition, you must provide a return to work release from your health care provider before you return to work. The return to work statement should be submitted to the Leaves Manager in the Benefits Department. Employees returning to work after 30 days or more break in service will be required to undergo a background check, return-

to-work physical and drug test, as permitted or required by applicable federal or state law which includes but is not limited to regulations and requirements set forth by the DOT, FTA, FMCA, OSHA and ADA.

Status Update.

While you are on leave, the Company may require you to periodically confirm your status and your intention to return to work. Any employee who decides while on leave that he or she will not be returning to work at the end of the leave should immediately inform the Company.

Fraudulent Use of Leave.

If the Company determines that an employee has obtained leave or continued to take leave under the state or federal family and medical leave laws based on fraudulent, dishonest or misleading conduct of any kind, the employee will be subject to immediate termination.

A Notice to Employees of Rights Under FMLA is attached to this policy, as Appendix 2.

Bereavement

If an employee wishes to take time off due to the death of an immediate family member, the employee should notify his or her supervisor immediately. Immediate family member is defined as spouse, domestic partner, child, domestic partner's child, sibling, parent (or person who raised you), grandparent or grandchild. Hourly employees may be granted unpaid time off of up to one week for bereavement leave. See your division or location for specific policies regarding bereavement leave. Salaried employees may take paid time off of up to three days (five days if air travel is required) for bereavement leave.

Jury Duty

A leave of absence will be granted if an employee is required to appear for jury duty. An employee must notify their supervisor immediately upon receipt of your selection notice. Exempt employees are entitled to full pay for each day of jury duty or service as a witness if they work anytime during the week of jury duty. If no work was performed during the week, the employee will not be compensated. Unless applicable law provides otherwise, non-exempt employees will not be compensated; however, the absence will be considered excused and the employee will continue to accrue other benefits, such as vacation or PTO. Employees may use any accrued vacation or PTO for the period of the jury duty leave. Employees are expected to report to work whenever the court schedule permits.

Administrative Leave

Unless prohibited by law, employees are required to report any life event that could potentially disqualify them from employment based on our Qualification standards. The employee may be placed on unpaid administrative leave until a final disposition has been provided by the appropriate authoritative agency.

Employee Performance and Conduct Policies

Performance Appraisals

Exempt employees and non-exempt staff employees will ordinarily be reviewed annually during a common review date of January 1. The appraisal will be discussed in a meeting between the employee and the supervisor. The supervisor and employee will review the job requirements, performance objectives, or other performance criteria. A performance rating will be assigned and an annual pay review may be provided.

Conflicts of Interest

Employees have an obligation to conduct business within guidelines that prohibit actual or potential conflicts of interest. Our Code of Conduct outlines our policies regarding conflicts of interest.

Reference Checks

No employee may provide a reference check, letter of reference, verification of employment or disclose any performance or employee information to any outside party at any time on either a current or past employee. All requests for reference checks or verifications of employment must be forwarded to Human Resources at the Support Center. The Company only provides confirmation of employment, dates of employment and position held. No performance or termination information may be disclosed.

Outside Employment

An employee may hold a job with another organization as long as he or she satisfactorily performs his or her job responsibilities with the Company. Employees should consider the impact that outside employment, whether paid or voluntary, may have on their health and physical endurance. All employees will be judged by the same performance standards and will be subjected to the scheduled needs of our clients, regardless of any existing outside work requirements. In some divisions, operators are required to report hours worked as a driver for another employer on a daily basis. Under certain circumstances a log may be required. Your General Manager has more information.

Hiring of Relatives

MV Transportation is a family oriented company and encourages family and friends of employees to consider making MV their company too. However, relatives in the same area of the company may not supervise each other or direct each other's work. Exceptions to this policy must be approved by the Chief Human Resources Officer.

Anti-Fraternization Policy

In order to promote the efficient operation of the Company's business and to avoid misunderstanding, complaints of favoritism, other problems of supervision, security, and morale, and possible claims of sexual harassment, members of management and supervisors are forbidden to date or pursue romantic or sexual relationships with employees whom they supervise, directly or indirectly. Employees who violate this guideline will be subject to discipline, up to and including termination of employment.

Confidentiality and Proprietary Information

During the course of employment, employees may receive and have access to confidential information. All employees are expected to respect and maintain the confidentiality of employee and customer records, business records, data and other information not otherwise available to the public. Upon separation of employment, an employee must return all documents, records, or any property that belongs to the Company or is related to Company business. Any programs, writings, or other material developed by an employee as part of his or her work at the Company is property of the Company.

The protection of confidential business information during and after your employment is important to the interests and the success of this Company. Such confidential information includes, but is not limited to the following examples:

- Technological Data
- Operations Data: customer lists, trip sheets, financial & billing information, schedules, dispatch logs, policy or program manuals
- Marketing plans and strategies, or project plans or proposals
- Personnel or labor information such as names, titles, employee phone numbers, medical and benefit information, training materials or labor relations strategies

Nothing in this policy, however, should be construed to prohibit employees from discussing their terms and conditions of employment amongst themselves.

Electronic Data Systems Policy

The Company maintains a computer system, a voice-mail system and an e-mail system to assist employees in conducting Company business. These systems, including the equipment and data stored in the systems, are the exclusive property of the Company. As such, all messages created, sent, received or stored in these systems are and remain the property of the Company.

The Company's e-mail and computer systems and resources are not to be used for any non-business purposes, entertainment, personal communications and other personal use or any illegal, harassing, inappropriate, pornographic, libelous or obscene purpose during or outside work hours. The only exception is for limited personal uses, subject to the limitations and guidelines set forth in this Handbook and of the Internet, Newsgroup and Electronic Mail Policy. This policy allows for reasonable personal use of the internet during an employee's own time (non-working time), for example at the beginning of the day, during the lunch break and again at the end of the working day, and so long as it does not interfere with your work and/or the work of other employees. The Company's electronic data systems may not be used to solicit or proselytize for commercial ventures, religious or political causes, outside organizations, or other non-job-related solicitation.

Because the computer systems and resources remain Company property, employees should have no expectation of privacy with regard to these systems and resources. All computers and Company equipment are subject to search at any time. Additionally, MV reserves the right to discontinue an employee's access to any computer systems and resources at any time.

The Company reserves the right to access, read, review, and monitor all messages, images, programs, files, and content on the Company's email, voicemail, computer and internet systems, and employees should have no expectation of privacy in this regard. You are advised that any incidences of inappropriate use may result in disciplinary action up to and including termination of employment.

Examples of 'inappropriate usage' would be:

- visiting sites with sexual or offensive context
- transmitting, receiving, viewing, or storing words or images of a discriminatory or harassing nature or that are obscene, vulgar, derogatory, or inflammatory
- excessive personal use of the internet during working hours
- any usage, including, streaming radio, music and video, with legal implications such as copyright and performing rights
- any use that would violate any Company policy or rule or any federal, state, or local law

The above are illustrative examples, and are not intended to be exhaustive.

Employees are prohibited from downloading or uploading “executable” files, music, videos, or any software without advance written approval by the Director of Information Technology. Additionally, employees are prohibited from copying software without advance written approval by the Director of Information Technology.

Please see the Internet, Newsgroup and Electronic Mail Policy for more detail.

Software Code of Ethics

Unauthorized duplication of copyrighted computer software violates the law and is contrary to our organization’s standards of conduct. The Company prohibits all copying or pirating of software, and the use, duplication, or dissemination of copyrighted materials in violation of copyright laws is prohibited. The Company recognizes the following principles as a basis for preventing its occurrences:

- Employees are prohibited from making or using unauthorized software copies under any circumstances.
- Employees must comply with all license or purchase terms regulating the use of any software we acquire or use.
- Employees must comply with, and enforce, MV’s internal controls to prevent the making or using of unauthorized software copies, including effective measures to verify compliance with these standards and appropriate disciplinary measures for violation of these standards.

Social Media Policy

The Company respects the legal rights of its employees and understands that employees' time outside of work is their own. However, employees should be mindful that their social media activity, even if done off premises and while off-duty, could affect the Company's legitimate business interests. For example, the information posted could be the Company's confidential business information. In addition, some readers may mistakenly view you as a spokesperson for the Company. Consequently, social media activity is a legitimate and proper focus of Company policy.

This Social Media Policy (the "Policy") provides guidance on responsible social media activity by employees. This Policy does not and cannot cover every possible social media activity. If you are unsure how this Policy may apply to your social media activity, the Human Resources Department is here to help you. For purposes of this Policy, "social media activity" includes all types of posts and other communications on the Internet, including but not limited to, posts on social networking or affinity sites (such as Facebook, LinkedIn, and Tumblr); blogs and other on-line journals and diaries; bulletin boards and chat rooms; microblogging, such as Twitter; and posts of video or audio on media-sharing sites, such as

YouTube or Flickr. "Social media activity" also includes permitting, or failing to remove, posts by others where the employee can control the content of posts, such as on a personal page or blog.

Application:

This Policy applies to social media activity that relates in any way to the Company's business, employees, customers, vendors, or competitors or that identifies an employee's affiliation with the Company (other than as an incidental mention of place of employment in personal social media activity unrelated to the Company). This Policy applies to social media activity when on or off duty, while using the Company's or personal electronic resources, and whether or not the employee posts anonymously or using a pseudonym.

Guidelines:

The Company values its established brand reputation and good will relationships. These are important corporate assets. When you engage in social media activity that identifies you as a Company employee, or in any way relates to the Company, you should bear that in mind. Unless you have received prior authorization in writing from an authorized Company representative, you should not represent or suggest in any social media content that you are authorized to speak on the Company's behalf, or that the Company has reviewed or approved your content.

You may use the Company's electronic resources to engage in social media activity for non-business purposes during your own time (non-working time), so long as it does not interfere with your or your co-workers' job responsibilities, and complies fully with all Company policies. You may not maintain an open connection to, or stream, any social media site. Such non-business use is a privilege that may be withdrawn if abused.

Your social media activity is subject to all pertinent Company's policies, including, but not limited to the Code of Conduct, Equal Employment Opportunity, Confidentiality, Anti-Discrimination/Anti-Harassment Policy, and Electronic Data Systems Policy.

The Federal Trade Commission requires that endorsements be truthful and not deceptive. If your social media activity endorses the Company's products or services, i.e., expresses opinions, beliefs, findings or experiences concerning the Company's products or services, you must disclose your name and position with the Company.

You should not post content about the Company, management, co-workers, vendors, or customers that is vulgar, obscene, physically threatening, intimidating, defamatory, harassing, or a violation of the Company's policies against discrimination or harassment. You should not unlawfully disparage the

Company's products or services, or the products or services of its customers, vendors or competitors.

You should not use the Company's logo, trademark or proprietary graphics (collectively, "IP") for any commercial purpose, such as selling or advertising any product or service, without the Company's prior written consent. You should not use the Company's IP in a way which suggests that you are representing the Company or while engaging in conduct that violates Company policy.

You should not disclose, or post images or video of, any of the Company's trade secrets or confidential business information or of any confidential business processes.

You should not post images or video of the Company's employees, customers, vendors or competitors without their prior permission.

To reduce the risk of identity theft, stalking, and similar criminal conduct, you should not disclose personally identifying information (such as personal telephone numbers, Social Security numbers, the date of birth, credit or debit card numbers or financial account numbers) of the Company's employees, customers, vendors or competitors.

Consistent with applicable law, members of management should not gain unauthorized access to the restricted social media page of a subordinate. Any employee may reject, without fear of retaliation, any request from any other employee that, if accepted, would permit access to a restricted social media page - such as a friend or connection request.

Employees may not use their Company e-mail address to register for any social media account or site, or as an identifier needed to participate in any social media activity, except to engage in social media activity authorized by the Company and for the Company's business purposes. Employees may reference the Company as their employer and include contact information on social and professional networking sites only, such as LinkedIn and Facebook.

If you need clarification of any aspect of this policy, contact the Human Resources Department. You should report all violations of this policy to the Human Resources Department or utilize any reporting mechanism set forth in this handbook.

The Company will, in its discretion, review social media activity to the fullest extent permitted by applicable law.

Employees are solely responsible for their social media activity and will be held accountable for violating this Policy. Failure to comply with this Policy may lead to discipline, up to and including termination of employment, and if appropriate, the Company will pursue all available legal remedies. The Company also may report suspected unlawful conduct to appropriate law enforcement authorities.

The Company will not construe or apply this Policy in a manner that improperly interferes with or limits employees' rights under the National Labor Relations Act.

Workplace Violence

MV Transportation is firmly committed to providing a workplace free from acts of violence or threats of violence. In keeping with this commitment, the Company has established a policy strictly prohibiting any employee from threatening or committing an act of violence in the workplace, while on duty, while on company related business, or while operating any vehicle or equipment owned or leased by the Company.

Assistance is needed from all employees to achieve a workplace secure and free from violence. MV is committed to a “zero tolerance” policy and compliance with this policy in respect to workplace violence is every employee’s responsibility. Any and all incidents involving an act or threat of violence must be reported immediately to the employee’s supervisor or the Human Resources department. Any employee may do so without fear of retaliation of any kind. After the incident is reported to a supervisor, he/she will report the matter to the Human Resources department, who will conduct an investigation and take appropriate action.

Any employee who engages in or contributes to violent or threatening behavior may be subject to disciplinary action, up to and including termination.

Weapons Policy

The Company is committed to ensuring the safety of our employees, customers, clients, contractors, and visitors. In furtherance of this commitment, the Company maintains a weapons-free workplace (except as otherwise provided by law) and strictly enforces the prohibition of the use, carrying, or possession of deadly weapons or destructive devices while on the Company’s property and/or while performing related work or duties for the Company. Employees are also prohibited from keeping or storing weapons or destructive devices in their vehicles in parking areas, unless state law requires that employees be allowed to store or transport certain types of firearms in their own locked vehicles in Company parking areas.

Examples of deadly weapons or destructive devices: firearms, including but not limited to, handguns, rifles, pellet guns, and similar devices; knives with the exception of pocket knives; instruments capable of inflicting a heavy blow, including, but not limited to, nightsticks, clubs and similar devices; explosive devices, including but not limited to bombs, grenades, and similar devices and other devices whose primary purpose is the infliction of bodily harm.

Although some states license individuals to carry concealed firearms, the Company prohibits them on Company property or while participating in work-related duties for the Company. A violation of this policy is considered gross misconduct and will result in immediate discipline and/or termination.

Customers, clients, contractors, or other visitors who violate this policy will be asked to immediately leave the Company's premises and may be subject to arrest and prosecution by law enforcement officials for any criminal acts.

Discipline

Any violation of MV Transportation policies or any inappropriate or improper behavior or conduct may warrant disciplinary action. Although the employment relationship may be terminated at will by the employee or the Company, without following any formal system of discipline or warnings, the Company may, in its discretion use progressive discipline. The progressive discipline system is intended to give the employee advance notice, whenever possible, of problems with their conduct or performance to provide the employee with an opportunity to correct their actions. Normally, progressive discipline involves verbal counseling and one or more written warnings, before an employee is terminated. However, deviations from progressive discipline may occur when serious offenses occur or circumstances warrant alternative measures in the Company's sole discretion. If your employment is governed by a valid collective bargaining agreement, discipline will be governed by that agreement.

Work rules are needed to ensure the safety and well-being of all employees. The purpose of Work Rules is not to punish employees; instead, it is intended to inform employees regarding expectations and provide a framework for coaching and counseling. The Company reserves the right to skip steps in the disciplinary process whenever it determines circumstances warrant. Work Rules are divided into two groups of offenses:

1. *Minor Violations* will usually be addressed in a four-step process (although the Company need not follow this sequence):
 - First violation – Counseling session/verbal warning
 - Second violation- written warning
 - Third violation – Final warning and/or unpaid suspension
 - Fourth violation – Termination
2. *Major Violations* will warrant disciplinary action up to a final warning and/or unpaid suspension, or termination.

Minor Violations

The Company need not follow any particular sequence of discipline and may impose immediate suspension or discharge where circumstances warrant. Violations may be personally observed or reported, or observed via DriveCam and Other Video Systems or Electronic Systems, including GPS and mobile data terminals. Examples of minor violations include, but are not limited to, the following types of workplace behavior.

1. Failure to follow work policies, procedures or duties
2. Failure to follow personal appearance standards
3. Use of abusive or profane language
4. Use of personal radios while operating a Company vehicle.
5. Eating or drinking while operating a Company vehicle.
6. Violation of the Internet, Newsgroup and Electronic Mail Policy, not considered to be a major violation

Major Violations

Major violations will result in termination or other serious discipline. Violations may be personally observed or reported, or observed via DriveCam and Other Video Systems or Electronic Systems, including GPS and mobile data terminals. Examples of major violations include, but are not limited to, the following types of workplace behavior:

1. Reporting to work or working under the influence, possessing alcohol or illegal drugs in the workplace, or any violation of MV's Drug and Alcohol Policy
2. Deliberately damaging or abusing property
3. Carelessness or horseplay resulting in property damage in excess of \$5,000 or personal injury
4. Insubordination, including the refusal and/or failure to follow a directive, to perform assigned work, or to encourage others to do either
5. Violation of confidentiality and proprietary information policy
6. Harassment prohibited by Company policies

7. Violations of State, Federal, County or Municipal laws, regulations or requirements that would disqualify you from employment under MV's hiring criteria, with the exception of moving violations while driving which are governed by the MV Safety Point System. Employees are required to report such arrests and/or convictions within 24 hours.
8. Additional violations of the MV Safety Policy, Attendance Policy, Substance Abuse Policy Violations, or misuse of Company vehicles and/or equipment, including but not limited to:
 - Operating without a valid license appropriate for that vehicle, equipment or service.
 - Driving on a suspended license
 - Driving a commercial vehicle without a valid medical card
 - Transporting school children without proper school bus certification as required by applicable law
 - Un-insurability as a vehicle operator
 - Negligent use of a Company owned or provided vehicle or equipment
 - Unauthorized use of a Company owned or provided vehicle or equipment including transporting unauthorized passengers
 - Use of a personal cell phone while operating a Company vehicle
9. Falsification of any records, such as medical forms, time records or employment applications, or making false statements
10. Unprofessional or disorderly verbal or physical conduct directed towards coworkers, passengers, clients or any third party while acting as a representative of the Company.
11. Engaging in a romantic or sexual relationship with a passenger who is unable to provide meaningful consent.
12. Entering a passenger's home while in service or in Company uniform without a legitimate business purpose
13. Possession of weapons or explosives on Company premises
14. Conviction of driving under the influence, reckless driving or hit-and-run driving whether on or off the job, in a Company or private vehicle, for employees performing safety sensitive functions

15. Use of Company property or Company garages for personal vehicle repair
16. Failing to pass initial, ongoing or changed qualification standards
17. Dishonesty, theft, or improper handling of company assets or cash
18. Gross negligence

Vehicle Citations

In addition to any potential safety point assessments, vehicle citations are the responsibility of the employee. MV will not pay for parking tickets or citations issued to Company vehicles or employees on Company time unless required by law. It is the responsibility of the employee to obey all traffic laws and to operate a vehicle in a safe and legal manner.

Personal Appearance

When at work, employees are expected to present a professional appearance and to dress according to the requirements of their position.

Every employee is expected to practice daily hygiene and good grooming. Scents – whether artificial or natural – should not be distracting to other employees or our passengers.

Where required, employees must come to work in a clean, pressed uniform. Those who report for work inappropriately dressed will be sent home unpaid and directed to return to work in proper attire. For safety reasons, the following appearance standards also apply for all operators and safety sensitive positions:

- Leather, rubber soled shoes must be worn
- Long hair extending past the shoulders must be tied back
- Fingernails cannot exceed 1/2" past the tip of the fingers
- Dangling jewelry, including earrings, is not permitted

If the employee's shift needs to be covered by another employee, the employee may forfeit his/her entire days shift at the manager's or supervisor's discretion. If sent home, the employee will be issued an attendance occurrence noted as an absence.

Smoking

Smoking (both cigarette and e-cigarette) is expressly forbidden in or near Company vehicles at all times. This rule applies to everyone - employees, passengers, clients and the general public. It is also prohibited for any employee to smoke in any MV facility or garage. Employees wishing to smoke must do so on their own time and a minimum of 20 feet from a facility or bus.

Solicitation

MV prohibits:

- Solicitation and distribution of goods, services, or literature by non-employees on Company premises
- Solicitation by employees on Company premises when the person soliciting or the person being solicited is on working time (Working time is the time employees are expected to be working and does not include your scheduled meal or other authorized breaks.)
- Distribution of goods and/or literature by employees on Company premises in non-working areas during working time, as defined above
- Distribution of goods and/or literature by employees on Company premises in working areas

Note: A “working area” is an area, usually inside production areas or offices, where work is performed. It includes halls and aisles used in the course of employees’ work. It also may include outside areas like the yard. “Working area” generally does not include break rooms, cafeterias, employee parking lots and Company grounds or recreation areas.

Confidentiality of Information

MV treats employee information as confidential. MV will only release employee information upon 1) written authorization, 2) court order, 3) as necessary in accordance with business needs and to administer benefits, or 4) to meet other contractual or legal requirements.

Security Inspections

Employees should not have an expectation of privacy in Company equipment such as desks, lockers, and computers. Desks, lockers, computer and communications systems are the property of the Company and therefore can be inspected by any agent or representative of the Company at any time, either with or without prior notice. The Company has the right to inspect packages and persons on, entering and/or leaving Company property. Any employee who wishes to avoid inspection of any articles or materials should not bring such items onto the Company's premises.

Employee Personnel Files

MV Transportation retains the right not to provide an employee with any duplications or copies of any paperwork within his/her personnel file, unless otherwise provided by applicable law. Access to and documents from an employee's personnel file will be provided to employees as required by applicable law. Employees who are interested in reviewing the contents of their personnel file should complete the Personnel File Review Form and submit it to their Manager of Human Resources to schedule a mutually convenient time for an appointment.

To ensure that MV's personnel files are up-to-date and contain accurate, complete information, employees are asked to notify their supervisor or Human Resources of any changes that need to be made in any of the following categories:

- Name
- Telephone number
- Home address
- Individual to notify in case of an emergency

Safety and Incident Policies

Safety Hotline

Since the safety, health and welfare of our employees, passengers and public is our number one priority at MV, we have established an Employee Safety Hotline to report any safety problems or concerns. Our safety hotline number is **1 - 877 – MVSAFE - T (687-2338)**. Concerns including vehicle maintenance issues, unreported incidents, failure to secure wheelchairs, office safety issues, etc. should be reported to the Employee Safety Hotline. You are also expected to report any instances to your supervisor so your concerns can be immediately addressed.

Incident

Any occurrence, event or action (regardless of how minor) which does not follow Company procedures or presents a threat or problem to MV, its passengers, public or its employees is considered an incident. Any occurrence involving a passenger while under the care, custody and control of MV and its employees is considered an incident. Any contact between your vehicle and another person, vehicle or object is considered an incident whether or not there was damage or injury.

Incident Reporting

All incidents, regardless of how minor, must be immediately reported per MV's 'Incident Reporting' procedure. Failure to timely report any incident, regardless of whether or not it results in injury or property damage, may result in disciplinary action up to and including termination. **For workplace injuries, please refer to our 'Workers' Compensation' policy.**

Major Safety Incidents

For incident reporting purposes, a major incident is one involving a transit vehicle or occurring on MV property. This includes, but is not limited to:

- Fatality
- Pedestrian or cyclist incident/injury
- Passenger incident or injury involving a lift
- Passenger incident or injury while entering or exiting a vehicle
- Passenger incident or injury involving improperly securing a passenger
- Preventable roll-away incident
- MV Operator is cited for a major/serious moving violation (reckless driving, DUI)
- Any injury (including to the MV Operator) requiring immediate medical attention away from the scene
- Property damage of at least \$5,000
- Environmental spills
- Vehicle roll-over/lay-over
- Vehicle fire
- Incidents with Operator allegation of equipment or maintenance failure
- Events with potential for negative public relations and/or news media coverage
- Incidents where Operator drug and/or alcohol use may be involved
- Incidents where fault is in question
- Any use of a cellular telephone or electronic device while operating a company vehicle

Minor Safety Incidents

All other incidents that do not meet the definition of a “major” incident.

Subrogation of Incident or Injury Claims

Every employee is expected to protect MV's rights to subrogate for reimbursement of vehicle damages, Workers' Compensation payments and related costs, Medical and Dental Insurance payments and related costs, and other payments/costs which result from the negligence of third-parties. Employees must obtain concurrence from MV (Risk Management for Workers' Compensation claims or Human Resources for Medical/Dental claims) prior to signing any "release of liability" from any responsible third-party or third-party insurer.

Safety Investigation Leave

Any employee involved in a major incident will be placed on administrative leave while the incident is being investigated to determine root causes and preventability. Administrative leave is unpaid unless the incident is determined to be non-preventable. Employees may perform other non-safety sensitive functions if available and/or appropriate until final determination is made.

Electronic Systems

The company employs numerous technologies, including DriveCam, video systems, GPS and mobile data terminals in order to help ensure the safety of the driver and passengers, compliance with Federal, State and Local driving laws as well as regulations for both the driver and the motoring or pedestrian public. Any recording resulting from these technologies may be used as evidence in the investigation and may result in the issuing of appropriate disciplinary action.

Safety Point System

MV safety results are directly related to the actions and behaviors of our employees. At-risk behaviors lead to incidents and injuries. Therefore all MV safety sensitive employees are subject to a Safety Point Program rating which assesses cumulative points for at risk safety behaviors or actions.

Any work related incident, which involves an employee at MV will be investigated and may result in Safety Points being assigned.

If the incident is determined to have been "preventable" by the MV employee, then it will be considered a preventable incident. While an incident may not be legally considered your "fault", it will be treated as preventable, regardless of the cost to MV. Even minor damage incidents cost the Company money in terms of repairs, lost vehicle or driver time, staff time, etc. Any damage to a Company vehicle will automatically be assessed to the most recent employee who drove that vehicle and who failed to report it on a daily vehicle inspection sheet.

Preventability of Incidents and Injuries

The determination as to whether an incident could have been "preventable" will be made by the Division Safety Manager and General Manager. It is subject to review by the Area Safety Director and/or the Region Vice President. If there is a disagreement it will be given to the Vice President of Safety. The Chief Safety Officer has the final determination of preventability on all incidents.

Disciplinary Action

Any employee who has a preventable incident will be subject to re-training and/or discipline up to and including termination based on the safety point system.

Although most situations will be addressed by issuing safety points, MV reserves the right to impose discipline, up to and including termination, for any unsafe act, failure to follow safe work practices and/or procedures, or negligent operation of a Company vehicle regardless of the point assessment under the Safety Point System. Unsafe behaviors are also subject to disciplinary action regardless of whether they lead to injury. Such discipline must be approved by the Chief Safety Officer or a Company President.

Accruing Safety Points

DriveCam and Other Video Systems events/incidents will be assessed safety points based on the current version of the DriveCam and Other Video Systems Points Policy. DriveCam and Other Video Systems Points may result from both coached and auto-resolved events/incidents. DriveCam and Other Video Systems Points are included and considered when applying the following Maximum Allowable Safety Points section. The good-faith filing of a workers' compensation claim shall not accrue safety points or discipline

All preventable incidents will be assigned points in the following manner:

Failure to cycle wheelchair lift	One (1) point
Failure to do a proper vehicle inspection (DVI)	One (1) point
Driver unbelted or improperly belted when legally required	One (1) point
Failure to stop at a Railroad Crossing.....	One (1) point
Unsafe maneuver(s) or act(s)	Two (2) points
Conviction of a minor traffic violation	Two (2) points
Backing incident or collision.....	Three (3) points
Rear-end collision	Three (3) points
Failure to provide door-to-door service, to include failure to properly load/unload a passenger via the lift.....	Three (3) points

Preventable incident and/or collision up to \$15,000 in injuries or property damage	Four (4) points
Preventable incident or collision up to \$20,000 in injuries and/or property damage	Five (5) points
Preventable incident or collision in excess of \$20,000 in injuries and/or property damage	Six (6) points
Any preventable roll-away incident or collision regardless of damage amount	Six (6) points
Failure to properly secure/transport a mobility device	Six (6) points
Failure to properly secure/transport a paratransit passenger	Six (6) points
Failure to immediately report a citation or incident in a Vehicle while in Company service	Six (6) points
Tampering with, disabling, obstructing, abusing, disconnecting, or otherwise interfering with Drive Cam or other monitoring equipment	Six (6) points
Any use of a cellular telephone or electronic device while operating a vehicle in Company Service	Six (6) points
Conviction of a major traffic violation *	Six (6) points

() A major traffic violation is any citation, in either a personal or company vehicle, that involves any item listed under Major Safety Incidents and/or: (1) Driving while intoxicated or under the influence of alcohol or drugs; (2) Failure to stop and immediately report an incident in which you are involved; (3) Homicide, manslaughter, or assault arising out of the operation of a motor vehicle; (4) Driving while your license is suspended or revoked; (5) Reckless driving; (6) Possession of open container or alcoholic beverages; and/or (7) Speed contests, drag racing, or attempts to flee from an officer of the law, (8) leaving the scene of an accident.*

To be clear, and notwithstanding any other language in the Safety and Incidents Policy, an employee will not receive safety points or be otherwise disciplined simply because an incident results in an injury or a worker's compensation claim.

Maximum Allowable Safety Points

For introductory employees:

The occurrence of a preventable incident during the introductory period will result in termination. Receipt of four (4) or more points during the introductory period, outside of preventable incidents, will result in termination. In addition, receipt of two (2) separate safety point assessments during the introductory period will result in termination, regardless of the employee's total point count.

For non-introductory period employees:

In any rolling 18 month period of employment, receipt of six (6) or more points will result in termination. Any infraction which occurred more than eighteen months prior would no longer be included in the safety point count. In addition, receipt of three (3) separate safety point assessments in any rolling one year period will result in termination, regardless of the employee's total point count.

Safety Point Hearing

If an employee feels that he/she has been issued safety points improperly, a point count hearing may be requested. Point count hearing requests must be made within five (5) business days of the point assessment to your supervisor. The supervisor will contact the Area Safety Director to conduct the hearing within ten (10) business days of the request.

The hearing panel will consist of three of the following people: Vice President of Safety, Area Safety Director, General Manager, Assistant General Manager and/or Safety and Training Manager. The hearing will be chaired by the Vice President of Safety or the Area Safety Director. Decisions by the panel must be signed-off and approved by the Regional Vice President and the Chief Safety Officer to be binding.

Retraining

MV reserves the right to require an employee to attend retraining in addition to any discipline imposed. Failure to attend mandated re-training courses may result in disciplinary action up to and including termination.

All customer service related incidents which do not result in termination are subject to retraining from the MV customer service program (Ergometrics START program) or other approved Customer Service Training Module using the applicable section of the training that will apply to the incident. This must be accomplished within one week of the incident date.

All vehicle-related incidents which do not result in termination are subject to retraining using the approved Defensive Driving Training Programs. This must be accomplished within one week of the incident date.

Retraining may also be required based on an unacceptable onboard or field inspection.

MVR Records

All employees in safety sensitive positions who will operate a vehicle in Company service (either on a regular or occasional basis) must provide a copy of their Motor Vehicle Record (MVR). MVR's may also be checked during employment. Such employees must report to their supervisor a citation received in either a vehicle in Company service or personal vehicle within 24 hours. Failure to report a citation will result in immediate termination.

MV retains the right to access your MVR during employment. If an operations employee in a position requiring a driver's license has his/her license suspended, restricted or revoked, as a result of a vehicle citation, his/her employment may be terminated at the sole discretion of the company.

Statements at the Scene of an Incident

Under no circumstances is a MV Operator to discuss the circumstances of a vehicular incident occurring while in the course of his/her duties for MV or make any statement about the incident with anyone other than with police, MV division/safety personnel, MV Risk Management personnel, MV attorneys, and/or MV Third Party Claims Administrator personnel. Drivers are to give their names, addresses, telephone numbers, vehicle insurance, and driver's license information. Any further information can be obtained by contacting the General Manager or the Area Safety Director.

Leaving the Scene of an Incident or Injury

Under no circumstances is a MV Operator to leave the scene of an incident without first doing each of the following:

1. Immediately reporting the incident to the division.
2. Providing any and all claimants or other parties in the incident the personal and Company information required by law and needed to make a claim.
3. Obtaining all information regarding other vehicles and parties involved.
4. Obtaining authorization from the dispatcher to leave the incident scene.
5. Taking pictures of the vehicles involved and the incident scene as well as sketching out the scene of the incident on the incident diagram form.

Safety Inspections

All employees are subject to inspections to ensure safe, quality service for our passengers. Inspections will be done at random as well as scheduled times. Types of inspections include field inspections, on-board evaluations, vehicle inspection audits and facility inspections.

Wheelchair Lift Deployment

Under no circumstances is a MV employee to leave a wheelchair lift partially or completely in the down position outside of the vehicle while not physically there and able to alert any pedestrians to the potential danger. Under no circumstances is the vehicle to be driven unless the wheelchair lift is safely and properly stowed in its secure folded position.

Safety Meetings

Safety meetings are a critical component of our safety program and assist MV in managing contractual and refresher training requirements. All operations employees are required to attend a minimum of one safety meeting per month.

Return of Property

Employees must return all Company property at the time of termination, resignation or layoff, or immediately upon request. Where permitted by law, the Company may withhold from the employee's pay or final pay the cost of any items that are not returned. The Company may also take all action deemed appropriate to recover or protect its property.

Use of Personal Cell Phones and other Electronic Devices

The use of cell phones for personal calls during your working hours is discouraged and should be limited to break or meal periods. Where a client contract prohibits drivers from carrying personal cell phones, the use of personal cells phones is prohibited. Any use of a personal cell phone or other non company-issued electronic device, hands-free or not, during the operation of a company vehicle is prohibited.

Preparedness for Work and Alertness Management

It is the Operator's responsibility to report for duty well rested, with proper equipment and uniform and in sufficient time as required to perform his/her duties.

Professional operators must get adequate rest – ideally a minimum of eight hours – before coming to work. Every operator is responsible for coming to work well rested, as there is a significant risk of fatigue-related incidents. If an operator is not properly rested or is fatigued, they must report their condition to a supervisor or manager immediately.

APPENDIX 1

Federal and State Agencies

Local, state and federal employment discrimination agencies that enforce the laws against sexual harassment and discrimination in California, Maine, Massachusetts, Rhode Island, and Vermont and for government contractors can be contacted at the phone numbers and addresses listed below.

Federal

The Office of Federal Contract Compliance Programs (OFCCP)

U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, D.C. 20210
Phone (800) 397-6251
TTY (202) 6936-1337
OFCCP-Public@dol.gov

California

Department of Fair Employment and Housing

Sacramento District Office
2000 O Street, Suite 120
Sacramento, CA 95814
Phone (800) 884-1684
Fax (916) 323-6092

Equal Employment Opportunity Commission

901 Market Street, Suite 500
San Francisco, CA 94103
Phone (415) 356-5100

Maine

Main Human Rights Commission

51 State House Station
Augusta, ME 04333
Phone (207) 624-6050
Fax (207) 624-6063
TTY/TTD (888) 577-6690

Equal Employment Opportunity Commission, Area Office

John F. Kennedy Federal Building
Government Center, Room 475
Boston, MA 02203
Phone (617) 565-3200

Massachusetts

Massachusetts Commission Against Discrimination

1 Ashburton Place, Room 601	436 Dwight Street
Boston, MA 02108	Springfield, MA 01103
Phone (617) 994-6000	Phone (413) 739-2145

Equal Employment Opportunity Commission, Area Office

John F. Kennedy Federal Building
Government Center, Room 475
Boston, MA 02203
Phone (617) 565-3200

Rhode Island

Rhode Island Commission for Human Rights

180 Westminster Street
Providence, RI 02903
Phone (401) 222-2661

Equal Employment Opportunity Commission, Area Office

John F. Kennedy Federal Building
Government Center, Room 475
Boston, MA 02203
Phone (617) 565-3200

Vermont

Vermont Attorney General's Office

Civil Rights Unit
109 State Street
Montpelier, VT 05602
Phone (802) 828-3171

Equal Employment Opportunity Commission, Area Office

John F. Kennedy Federal Building
Government Center, Room 475
Boston, MA 02203
Phone (617) 565-3200

APPENDIX 2

EMPLOYEE RIGHTS AND RESPONSIBILITIES UNDER THE FAMILY AND MEDICAL LEAVE ACT

Basic Leave Entitlement

FMLA requires covered employers to provide up to 12 weeks of unpaid, job-protected leave to eligible employees for the following reasons:

- For incapacity due to pregnancy, prenatal medical care or child birth;
- To care for the employee's child after birth, or placement for adoption or foster care;
- To care for the employee's spouse, son or daughter, or parent, who has a serious health condition; or
- For a serious health condition that makes the employee unable to perform the employee's job.

Military Family Leave Entitlements

Eligible employees with a spouse, son, daughter, or parent on active duty or call to active duty status in the National Guard or Reserves in support of a contingency operation may use their 12-week leave entitlement to address certain qualifying exigencies. Qualifying exigencies may include attending certain military events, arranging for alternative childcare, addressing certain financial and legal arrangements, attending certain counseling sessions, and attending post-deployment reintegration briefings.

FMLA also includes a special leave entitlement that permits eligible employees to take up to 26 weeks of leave to care for a covered servicemember during a single 12-month period. A covered servicemember is a current member of the Armed Forces, including a member of the National Guard or Reserves, who has a serious injury or illness incurred in the line of duty on active duty that may render the servicemember medically unfit to perform his or her duties for which the servicemember is undergoing medical treatment, recuperation, or therapy; or is in outpatient status; or is on the temporary disability retired list.

Benefits and Protections

During FMLA leave, the employer must maintain the employee's health coverage under any "group health plan" on the same terms as if the employee had continued to work. Upon return from FMLA leave, most employees must be restored to their original or equivalent positions with equivalent pay, benefits, and other employment terms.

Use of FMLA leave cannot result in the loss of any employment benefit that accrued prior to the start of an employee's leave.

Eligibility Requirements

Employees are eligible if they have worked for a covered employer for at least one year, for 1,250 hours over the previous 12 months, and if at least 50 employees are employed by the employer within 75 miles.

Definition of Serious Health Condition

A serious health condition is an illness, injury, impairment, or physical or mental condition that involves either an overnight stay in a medical care facility, or continuing treatment by a health care provider for a condition that either prevents the employee from performing the functions of the employee's job, or prevents the qualified family member from participating in school or other daily activities.

Subject to certain conditions, the continuing treatment requirement may be met by a period of incapacity of more than 3 consecutive calendar days combined with at least two visits to a health care provider or one visit and a regimen of continuing treatment, or incapacity due to pregnancy, or incapacity due to a chronic condition. Other conditions may meet the definition of continuing treatment.

Use of Leave

An employee does not need to use this leave entitlement in one block. Leave can be taken intermittently or on a reduced leave schedule when medically necessary. Employees must make reasonable efforts to schedule leave for planned medical treatment so as not to unduly disrupt the employer's operations. Leave due to qualifying exigencies may also be taken on an intermittent basis.

Substitution of Paid Leave for Unpaid Leave

Employees may choose or employers may require use of accrued paid leave while taking FMLA leave. In order to use paid leave for FMLA leave, employees must comply with the employer's normal paid leave policies.

Employee Responsibilities

Employees must provide 30 days advance notice of the need to take FMLA leave when the need is foreseeable. When 30 days notice is not possible, the employee must provide notice as soon as practicable and generally must comply with an employer's normal call-in procedures.

Employees must provide sufficient information for the employer to determine if the leave may qualify for FMLA protection and the anticipated timing and duration of the leave. Sufficient information may include that the employee is unable to perform job functions, the family member is unable to perform daily activities, the need for hospitalization or continuing treatment by a health care provider, or circumstances supporting the need for military family leave. Employees also must inform the employer if the requested leave is for a reason for which FMLA leave was previously taken or certified. Employees also may be required to provide a certification and periodic recertification supporting the need for leave.

Employer Responsibilities

Covered employers must inform employees requesting leave whether they are eligible under FMLA. If they are, the notice must specify any additional information required as well as the employees' rights and responsibilities. If they are not eligible, the employer must provide a reason for the ineligibility.

Covered employers must inform employees if leave will be designated as FMLA-protected and the amount of leave counted against the employee's leave entitlement. If the employer determines that the leave is not FMLA-protected, the employer must notify the employee.

Unlawful Acts by Employers

FMLA makes it unlawful for any employer to:

- Interfere with, restrain, or deny the exercise of any right provided under FMLA;
- Discharge or discriminate against any person for opposing any practice made unlawful by FMLA or for involvement in any proceeding under or relating to FMLA.

Enforcement

An employee may file a complaint with the U.S. Department of Labor or may bring a private lawsuit against an employer.

FMLA does not affect any Federal or State law prohibiting discrimination, or supersede any State or local law or collective bargaining agreement which provides greater family or medical leave rights.

FMLA section 109 (29 U.S.C. § 2619) requires FMLA covered employers to post the text of this notice. Regulations 29 C.F.R. § 825.300(a) may require additional disclosure



For additional information:
1-866-4US-WAGE (1-866-487-9243) TTY: 1-877-889-5627
WWW.WAGEHOUR.DOL.GOV



RECEIPT AND ACKNOWLEDGEMENT

EMPLOYEE HANDBOOK ACKNOWLEDGEMENT FORM

I have received a copy of the September 2016 MV Employee Handbook, and I have reviewed and understand its provisions. If at any time I do not understand a policy in this Handbook or any other Company policy, I will seek clarification from my supervisor or the Human Resources Department. Unless otherwise provided under the terms of an applicable Collective Bargaining Agreement or other valid contract, I understand the Company is an 'at will' employer and, as such, employment with the company is not for a fixed term or definite period and may be terminated at the will of either party, with or without cause and without prior notice.

I understand that the Handbook states certain of the Company's policies and practices in effect on the date of publication. I UNDERSTAND THIS HANDBOOK DOES NOT CONSTITUTE A CONTRACT OF EMPLOYMENT. I UNDERSTAND THAT NOTHING CONTAINED IN THIS HANDBOOK MAY BE CONSTRUED AS CREATING A PROMISE OF FUTURE BENEFITS OR A BINDING CONTRACT WITH THE COMPANY FOR BENEFITS OR FOR ANY OTHER PURPOSE. Unless otherwise provided under the terms of an applicable Collective Bargaining Agreement, arbitration agreement, or other valid contract, I also understand that the Company's policies and procedures may be amended, supplemented, modified or terminated at any time, with or without notice.

Employee Signature

Date

Employee Name (please print)



MV Transportation Drug and Alcohol Policy

Issue Date
April 2018

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Drug and Alcohol Testing Core Values

Drug and alcohol abuse are the two most preventable behavioral disorders facing our society today. Drug abuse literally costs hundreds of billions of dollars alone in lost productivity, increased healthcare costs, accidents and theft. It is estimated that drug and alcohol abuse costs over a trillion dollars worldwide and growing.

MV Transportation, Inc. and its Subsidiaries are dedicated to providing safe, dependable, and economical service to its clients. MV Transportation's employees are our most valuable resource. It is our policy (1) to take appropriate action to assure that employees are not impaired in their ability to perform assigned duties in a safe, productive, and healthy manner; (2) to foster and maintain a drug and alcohol - free environment for all employees and patrons; (3) to prohibit the unlawful manufacture, distribution, dispensing, possession, or use of controlled substances; and (4) to encourage employees to voluntarily seek professional assistance whenever personal problems, including alcohol or drug use, may adversely affect their ability to perform their assigned duties.

Drug testing not only saves businesses money, but it also saves lives. This is the backdrop that MV Transportation's Drug and Alcohol Compliance Department works in to promote a safe and ethical drug testing program that will be the standard of the industry. MV Transportation's Compliance Department is always looking for ways to improve the everyday challenges by using state of the art software and easy to follow testing instructions and forms, and a comprehensive collection site inspection tutorial for supervisors.

To achieve these goals and to comply with all applicable Federal regulations governing workplace anti-drug programs in the transit industry, MV Transportation incorporates three integrated components:

- **Prevention through education and training**
- **Detection, deterrence and enforcement**
- **Treatment and opportunities for rehabilitation**

MV's purpose is to assure worker fitness for duty and to protect our employees, passengers, and the public from the risks posed using alcohol and prohibited drugs. MV is surrounded by an extraordinary Board of Directors, Executive Committee and professional staff who support and promote a safe and drug free environment in which we all live and work.

In accordance with the U.S. Department of Transportation and the
Federal Transit Administration Regulations
(49 CFR Parts 40, 655, and 382)
MV TRANSPORTATION, INC.

SUBSTANCE ABUSE POLICY

1.0 Policy

MV Transportation, Inc. and its Subsidiaries (MV Transportation) are dedicated to providing safe, dependable, and economical service to its clients. MV Transportation's employees are our most valuable resource. It is our policy (1) to take appropriate action to assure that employees are not impaired in their ability to perform assigned duties in a safe, productive, and healthy manner; (2) to foster and maintain a drug and alcohol - free environment for all employees and patrons; (3) to prohibit the unlawful manufacture, distribution, dispensation, possession, or use of controlled substances; and (4) to encourage employees to voluntarily seek professional assistance whenever personal problems, including alcohol or drug use, may adversely affect their ability to perform their assigned duties.

To achieve the goal of a substance-free workplace, this policy incorporates three integrated components:

Prevention through education and training:

Education and training will communicate and clarify this policy to all employees, assist employees in recognizing substance abuse problems and in finding solutions to those problems.

Detection, deterrence and enforcement:

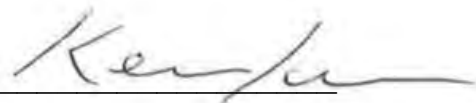
Federal regulations require that effective January 1, 1995, all safety - sensitive employees will be subject to reasonable suspicion, post accident, random, return to duty and follow up drug and alcohol testing. Applicants for safety sensitive positions will not be eligible for those positions unless they pass a pre-employment drug test.

As a "zero tolerance" employer, any positive drug or alcohol or refusal to tests will result in a termination of employment.

Treatment and opportunities for rehabilitation:

Alcohol and drug abuse are recognized as diseases that can be treated. MV Transportation promotes a voluntary rehabilitation program to encourage employees to seek professional assistance prior to testing positive for drugs or alcohol, without fear of discipline.

Approved: _____



Kevin Jones, CEO
MV Transportation, Inc. and its Subsidiaries

Date: April 1, 2018

2.0 Purpose

The purpose of this policy is to assure worker fitness for duty and to protect our employees, passengers, and the public from the risks posed by the use of alcohol and use of prohibited drugs (as defined below). This policy is also intended to comply with all applicable Federal regulations governing workplace anti-drug programs in the transportation industry.

The Federal Transit Administration (FTA) and the Federal Motor Carrier Safety Administration (FMCSA) of the U.S. Department of Transportation have enacted 49 CFR (Code of Federal Regulations) Parts 655 and 382, which mandate urine drug testing and breath alcohol testing for employees performing safety-sensitive functions. These regulations also prevent performance of safety-sensitive functions when there is a positive test result or a test refusal. The U.S. Department of Transportation (DOT) has also adopted the revised version of 49 CFR Part 40 as amended, which outlines procedures for transportation workplace drug and alcohol testing programs. This Policy incorporates these federal requirements for employees performing safety-sensitive functions, as well as other provisions.

In addition, DOT has published 49 CFR Part 29, implementing the Drug-Free Workplace Act of 1988, which requires the establishment of drug-free workplace policies and the reporting of certain drug-related offenses to the FTA. California passed a similar version of the federal law, the Drug-Free Workplace Act of 1990 (Gov't Code § 8350 et seq). This policy reiterates the requirements of the federal regulations; these requirements will be in *Italics*. Portions of this policy marked in **bold** are not necessarily FTA-mandated but reflect MV Transportation employment policy (this does not include policy headings).

If any provision of an existing MVT policy, rule or resolution is inconsistent or in conflict with any provision of this policy or the DOT/FTA rules, this policy and the DOT/ FTA rules shall take precedence; if any provision of this policy is inconsistent or in conflict with the DOT/ FTA rules the DOT/ FTA rules shall take precedence.

3.0 Applicability

3.1 Safety-Sensitive Employees

This policy applies to all safety-sensitive MV Transportation employees, including paid part time employees who perform or could be called upon to perform any transportation related safety-sensitive function, and this includes off-site lunch periods or breaks when an employee is scheduled to return to work.

A safety-sensitive function is any of the following duties:

- 1) The operation of a transportation revenue service vehicle even when the vehicle is not in revenue service.

- 2) The operation of a non-revenue service vehicle by an employee when the operation of such a vehicle requires the driver to hold a Commercial Drivers License (CDL).
- 3) Maintaining (including repairs, overhaul and rebuilding) a revenue service vehicle or equipment used in revenue service.
- 4) Controlling the movement of a revenue service vehicle and
- 5) Carrying a firearm for security purposes. (Not applicable to MVT)
- 6) Volunteers are considered a covered employee if; 1) they are required to hold a commercial driver's license to operate the vehicle; or 2) if the volunteer receives re-numeration in excess of their actual expenses incurred while engaged in the volunteer activity.

(For a description of job categories - See Exhibit B)

3.2 Contractors

Contractors who perform any of the safety-sensitive functions described in this policy for MVT will be subject to the same requirements as safety-sensitive MVT employees.

3.3 Non-Safety Sensitive Positions

All MVT employees are subject to the provisions of the Drug-Free Workplace Act of 1998. Visitors, vendors and contracted employees on MVT premises will not be permitted to conduct transportation business if found to be in violation of this policy.

4.0 Opportunities for Rehabilitation (MVT Policy)

To promote a drug and alcohol-free workplace, this policy includes a rehabilitation program that allows employees to voluntarily come forward to request rehabilitation.

4.1 Voluntary Rehabilitation (MVT Policy)

Any employee who has a drug and/or alcohol abuse problem and has not been selected for reasonable cause, random or post-accident testing or has not refused a drug or alcohol test may voluntarily refer her or himself to the General Manager or the Human Resource Department, who will refer the individual to the company's Employee Assistance Program and/or a Substance Abuse Counselor for a Non-DOT evaluation and treatment. Voluntary self-referral commits the employee to a therapeutic process. Confidentiality of the employee will be protected. The Counselor will evaluate the employee and make a specific recommendation regarding the appropriate treatment. When an employee voluntarily refers her or himself for treatment, the employee may be eligible for sick leave and disability benefits. Employees will be allowed to take accumulated vacation time or may be eligible for unpaid time off to participate in any prescribed rehabilitation program. Employees are encouraged to voluntarily seek professional substance abuse assistance before any substance use or dependence affects job performance.

4.2 While Undergoing Treatment (MVT Policy)

Any covered employee who admits to a drug and/or alcohol problem will immediately be removed from his/her safety-sensitive function and will not be allowed to perform such function until successful completion of a prescribed rehabilitation program is completed. The employee will be placed on an unpaid leave of absence for maximum of 30/60 days to allow time for completion of the treatment/rehabilitation program. Proof of completion must be provided in writing by a valid professional. The employee will be required to pass a Non-DOT drug and alcohol test before he/she can perform a safety-sensitive function.

*MV shall make every effort to place the employee back in his/her position upon returning to work. However, an employee's commitment to undergo rehabilitation treatment does not guarantee that the employee's job will be available upon return.

4.3 Cost of Rehabilitation (MVT Policy)

All associated costs for treatment are the sole responsibility of the employee.

4.4 Returning to Work after Treatment (MVT Policy)

All employees who successfully complete prescribed treatment and can return to work will be subject to unannounced Non-DOT follow-up testing as prescribed by doctor/counselor.

5.0 Prohibited Behavior and Conduct

"Prohibited substances" addressed by this policy include the following:

5.1 Prohibited Drug Use

FTA regulations specifically prohibit the use of the following illegal, prohibited substances and require testing for their presence under certain circumstances: Marijuana, Amphetamines, Opioids, Phencyclidine (PCP) and Cocaine ("Prohibited Drugs") - Safety-sensitive employees may be tested for prohibited drugs at any time while on duty or **on MVT property**.

5.2 Prohibited Alcohol Use

The consumption of beverages containing alcohol, or substances including any medication such that alcohol is present in the body while performing safety sensitive duties or transportation business, are prohibited. "Alcohol" means the intoxicating agent in beverage alcohol, ethyl alcohol or other low molecular weight alcohols including methyl or isopropyl alcohol. (The concentration of alcohol is expressed in terms of grams of alcohol per 210 liters of breath as measured by an evidential breath testing device.)

5.3 Legal Drugs (MVT Policy)

The appropriate use of legally prescribed drugs and non-prescription medications is not prohibited. However, the use of any substance which carries a warning label that indicates that mental functioning, motor skills, or judgment may be adversely affected **MUST** be reported to supervisory personnel. Medical advice should be sought, as appropriate, while taking such medication and before performing safety-sensitive duties.

Any time an employee comes forward about a medication that he/she is taking the information must be forwarded to the Director of the Compliance Department for clarification and review. The Compliance department will then consult with the Medical Review Officer (MRO) to determine if the medication is appropriate to take while performing a safety-sensitive function.

A legally prescribed drug means that the employee has a prescription or other written approval (in his/her name) from a physician for the use of a drug during medical treatment. The misuse of legal drugs while performing a safety-sensitive function is prohibited at all times.

If the MRO determines that the medication being taken is not appropriate to take while performing a safety-sensitive function the employee will remain off duty until the issue is cleared by the MRO.

To continue performing a safety-sensitive function the employee taking the medication will be required to provide the following:

A written letter from the prescribing physician stating the patient's name, the name of the substance, the period of authorization and a statement that the medication will not adversely affect the employee's performance to drive or perform his/her safety sensitive function and that the employee may continue to perform his/her safety-sensitive function while taking such medication. The letter must be signed and dated by the physician and the letter will be provided to the MRO for final approval.

6.0 Prohibited Conduct. Manufacture, Trafficking, Possession, and Use of Controlled Substances

The manufacture, distribution, dispensation, possession, or use of controlled substances in the workplace is prohibited. A "controlled substance" is any illegal drug or any substance identified in Schedules I through V of Section 202 of the Controlled Substances Act (21 U.S.C. § 812), and as further defined by 21 CFR 1300.11-1300.15. Any employee engaging in the manufacture, distribution, dispensation, possession or use of a controlled substance on MVT premises will be subject to disciplinary action, up to and including termination and/or will be required to complete a drug abuse assistance or rehabilitation program. Law enforcement shall be notified, as appropriate, where criminal activity is suspected.

6.1 Requirement to Submit to Drug and Alcohol Testing

MVT shall require every covered employee who performs a safety-sensitive function as described in the FTA regulations Part 655 and the FMCSA regulations Part 382 to submit to post-accident, random, and reasonable suspicion drug and alcohol test- and to a pre-employment drug test- as described in this policy. MVT shall not permit any employee who refuses to submit to such tests to perform or continue to perform any safety-sensitive functions.

6.2 Alcohol Use/Hours of Compliance

No safety-sensitive employee should report for duty or remain on duty when his or her ability to perform assigned functions is adversely affected by alcohol or when his or her breath alcohol concentration is 0.04 or greater. No employee shall use alcohol **while on duty** or while performing safety-sensitive functions. No employee shall have used alcohol within four hours prior to reporting for duty. After an accident, employees shall refrain from alcohol use for eight (8) hours or until an alcohol test has been administered, whichever occurs first.

No safety-sensitive employee shall use alcohol during the hours that they are on call. On call employees can acknowledge the use of alcohol at the time he/she is called to report to duty and the inability to perform his/her safety sensitive function.

6.3 Compliance with Testing Requirements

Any safety-sensitive employee who refuses to comply with a request for testing, who fails to remain readily available for post-accident testing, who provides false information in connection with a test, or who attempts to falsify test results through tampering, contamination, adulteration, or substitution, shall be removed from duty immediately. Refusal can include an inability to provide a specimen or breath alcohol sample without a valid medical explanation, as well as a verbal declaration, obstructive behavior, or physical absence resulting in the inability to conduct the test.

6.4 Refusal to Submit to a DOT Alcohol or Controlled Substance Test

As an employee, you have refused to take a drug or alcohol test if you:

- (1) Fail to appear for any test (excluding pre-employment) within a reasonable time, as determined by the employer, after being directed to do so by the employer.
- (2) Fail to remain at the testing site until the testing process is complete; Provided, that an employee who leaves the testing site before the testing process commences, for a pre-employment test it is not deemed to have refused to test; unless the testing cup was handed to the donor.
- (3) Fail to provide a urine or breath specimen for any drug or alcohol test required by Part 40 or DOT agency regulations.
- (4) In the case of a directly observed or monitored collection in a drug test, fail to permit the observation or monitoring of your provision of a specimen.
- (5) Fail to provide a sufficient amount of urine or breath when directed, and it has been determined, through a required medical evaluation, that there was no adequate medical explanation for the failure.

It is MVT's policy that any employee that does not provide a valid specimen during a collection for a test will remain off duty until the employee is cleared by the MRO that the employee had a valid medical reason.

- (6) Fail or declines to take a second test the employer or collector has directed you to take.
- (7) Fail to undergo a medical examination or evaluation, as directed by the MRO as part of the verification process, or as directed by the DER as part of the "shy bladder" or "shy lung" procedures.
- (8) Fail to cooperate with any part of the testing process (e.g., refuse to empty pockets or wash hands when so directed by the collector, behave in a confrontational way that disrupts the collection process).
- (9) If the MRO reports that there is verified adulterated or substituted test result.
- (10) Failure or refusal to sign Step 2 of the alcohol testing form.
- (11) Failure to follow the observer's instructions during an observed collection including instructions to raise your clothing above the waist, lower clothing and underpants, and to turn around to permit the observer to determine if you have any type of prosthetic or other device that could be used to interfere with the collection process.
- (12) Possess or wear a prosthetic or other device that could be used to interfere with the collection process.
- (13) Admit to the collector or MRO that you adulterated or substituted the specimen.

As an employee, if you refuse to take a drug and/or alcohol test, you incur the same consequences as testing positive and will be immediately removed from performing any safety-sensitive functions and referred to the Substance Abuse Professional.

6.5 Compliance with Treatment Requirements

All employees are encouraged to make use of the available resources for treatment for alcohol and substance abuse problems.

6.6 Notify MVT of Criminal Drug Conviction

Every employee must notify MVT of any criminal drug statute conviction for a violation occurring in the workplace within five days after such conviction. Failure to do so shall subject said employee to disciplinary action up to and including termination, or satisfactory participation in a rehabilitation program, at the employee's expense.

6.7 Improper Application of the Policy

MVT is dedicated to assuring fair and equitable application of this "Zero Tolerance" substance abuse policy. Therefore, supervisors and managers are required to use and apply all aspects of this policy in an unbiased and impartial manner.

7.0 Testing for Prohibited Substances

7.1 General

Testing shall be conducted in a manner to assure a high degree of accuracy and reliability and using techniques, equipment, and laboratory facilities which have been approved by the U.S. Department of Health and Human Services (DHHS). Testing for prohibited drugs and alcohol on safety-sensitive employees shall be conducted in accordance with the procedures set forth in 49 CFR Part 40 as amended. See attached Testing Procedures for detailed procedures on all required types of drug and alcohol testing.

Medical Review Officer (MRO)- All drug testing results shall be interpreted and evaluated by an MRO who meets all applicable requirements of Part 40, who shall be responsible for receiving laboratory results generated by an employer's drug testing program and has appropriate medical training to interpret and evaluate an individual confirmed positive test result. The MRO shall comply with the drug testing procedures set forth in 49 CFR Part 40. The MRO will not review alcohol test results. When a confirmed positive test is reported from the testing laboratory, it is the responsibility of the MRO to: (a) contact the employee and afford the employee the opportunity to discuss the test results with him/her; (b) review the individual's medical history, including any medical records and biomedical information provided; (c) determine whether there is a legitimate medical explanation for the result, including legally prescribed medication. The MRO shall not convey test results to MVT until the MRO has made a definite decision that the test result was positive or negative, or refusal to test. If the employee provides an adequate explanation, the MRO verifies the test as negative and no further action is taken. When the MRO reports the results of the verified positive test to MVT, the MRO will disclose the drug(s) for which there was a positive test. If the MRO declares a drug test to be invalid for any reason, the test is considered canceled, and neither positive nor negative. However, a re-collection under direct observation may be ordered by the MRO.

The Medical Review Officer conducting MRO services for MVT is Dr. Stephen Kracht, M.D., D.O. in Kansas City, MO.

7.2 Testing for Prohibited Drugs

MVT shall collect or have collected urine samples from safety-sensitive employees to test for Prohibited Drugs. An assigned Collection Site will split each urine sample collected into a primary and a split sample. (See testing procedures) The urine samples will be sent under seal, with required chain of custody forms, to a laboratory certified by the DHHS. Currently MV Transportation is under contract with Alere Toxicology in Gretna, LA for its initial testing and confirmation testing. An initial drug screen will be conducted on each primary specimen. For those specimens that are not negative, a confirmatory Gas Chromatography/Mass Spectrometry (GS/MS) test will be performed. The test will be considered positive if the amounts present are at or above the minimum thresholds established in 49 CFR Part 40 as amended, as set forth in the attached Exhibit A (Threshold Levels).

Split Specimen Testing- If the test result of the primary specimen is positive or a refusal to test due to adulteration or substitution, the employee may request the MRO to direct his/her split specimen be tested in a different DHHS-certified laboratory. The MRO shall honor such a request if it is made within 72 hours of the employee having been notified of a verified positive or refusal to test result. This does not delay MVT from taking any action consistent with this policy for positive tests and the employee will be removed immediately from any safety-sensitive functions regardless if he/she is having his/her split specimen tested by a different laboratory. However, if the split specimen (bottle B) produces a negative result, or for any reason the second portion is not available, the test is considered cancelled and no sanctions are imposed. However, a re-collection under direct observation may be ordered by the MRO.

Cancelled Test - A drug or alcohol test that has a problem identified that cannot be or has not been corrected, or which this part otherwise requires to be cancelled. A cancelled test is neither a positive nor a negative test.

7.3 Alcohol Testing

Tests for alcohol concentration on safety-sensitive employees will be conducted with a National Highway Traffic Safety Administration (NHTSA) -approved evidential breath testing device (EBT) operated by a trained breath alcohol technician (BAT). In order to maintain quality assurance, EBT's must be externally calibrated in accordance with the plan developed by the manufacturer of the device. If the initial test on an employee indicates an alcohol concentration of 0.02 or greater, a second test will be performed to confirm the results of the initial test. For summary of applicable alcohol threshold levels, see Exhibit A.

8.0 Types of Testing

49 CFR Parts 655 and 382 require the following types of testing for Prohibited Substances for safety-sensitive employees: Pre-employment or transfer, reasonable suspicion, post-accident, random.

8.1 Pre-employment, Transfer Testing or Return to Work Testing

All applicants for safety sensitive positions shall undergo urine drug testing prior to employment. Receipt by MVT of a verified negative test result from the MRO is required prior to performing ANY safety sensitive functions for the first time. If an applicant or employee's drug test is cancelled or negative-dilute the employee or applicant shall be required to immediately take another pre-employment drug test.

Existing employees who are being considered for transfer to a safety-sensitive position from a NON-safety-sensitive position will be required to undergo a DOT pre-employment drug test. Any existing safety-sensitive employee who is simply transferring to a different division for another safety-sensitive position is **NOT required** to undergo another DOT pre-employment drug test.

8.1.1 Non-Safety-Sensitive Positions

All applicants applying for non-safety-sensitive positions will have to take and pass a pre-employment NON-DOT urine drug test prior to being hired.

8.1.2 Return to Work after 30 Days (DOT-FMCSA Policy)

MVT has some contracts that are subject to the Federal Motor Carrier Safety Regulations and NOT FTA regulations. Therefore, if the employee has a commercial license and has been out for 30 days or more AND the employee has been taken out of the random testing pool, the covered employee will be required to take a DOT pre-employment drug test before he/she can perform his/her safety-sensitive position.

8.1.3 Return to Work after 90 Days (DOT-FTA Policy)

If a covered employee has not performed a safety-sensitive function for 90 consecutive calendar days regardless of the reason, AND the employee has been removed from random pool, the employee must take and pass a DOT Pre-Employment drug test (NOT a return-to-duty) before he/she can perform a safety-sensitive function.

8.1.4 Return to Work after 30 Days for Non-Regulated employees not subject to federal guidelines but perform driving duties that is considered sensitive work (MVT Policy)

It is MVT's policy that all non-covered drivers who drive an MV vehicle and has not performed his/her driving functions for 30 or more consecutive days (regardless of reason) the non-covered employee will be required to take and pass another Non-DOT Pre-Employment drug test before he/she can return to his/her driving position.

****For confirmation of regulation authority contact Drug & Alcohol Compliance Department****

8.1.5 Previous Employer Request Requirement

As an employer we are required to verify previous violations of DOT drug and alcohol regulations within the last two years of employment with a DOT regulated agency or employer.

An employer must obtain and review the information listed below from any DOT-regulated employer the employee performed safety-sensitive functions for in the previous two years. The information must be obtained and reviewed prior to the first time an employee performs safety-sensitive functions. If not feasible, the information should be obtained no later than thirty (30) days after the first time an employee performs safety-sensitive functions. The information obtained must include:

1. Information on the employee's alcohol test in which a breath alcohol concentration of 0.04 or greater was indicated.
2. Information on the employee's-controlled substance test in which a positive result was indicated.

3. Any refusal to submit to a required alcohol or controlled substance test. (including verified adulterated or substituted drug test results)
4. Other violations of DOT agency drug and alcohol testing regulations

As the applicant or employee if you have violated any of the DOT drug and alcohol regulations, you must also obtain documentation of your successful completion of the DOT return-to-duty requirements (including proof of follow-up tests administered).

Furthermore, all applicants will be asked whether he or she has tested positive, or refused to test, on any pre-employment drug or alcohol test administered by an employer to which the employee applied for but did not obtain safety-sensitive transportation work covered by DOT agency drug and alcohol testing rules during the past two years.

8.1.6 Pre-employment Breath Alcohol Testing

Although it is not MV Transportation's policy to test for alcohol on a pre-employment test, MVT does have contracts that require a breath alcohol test be conducted in addition to the required drug test. Divisions that are subject to this requirement will have to take a pre-employment breath alcohol test. Breath alcohol testing will be in accordance with DOT Part 40 and 655.42.

8.2 Reasonable Suspicion Testing

All safety-sensitive employees shall be subject to reasonable suspicion testing, to include appropriate urine and/or breath alcohol testing when there is reasonable suspicion to believe that a covered employee has used a prohibited drug and/or engaged in alcohol misuse. A reasonable suspicion referral for testing will be made based on specific, contemporaneous, articulable observations concerning the appearance, behavior, speech, or body odors of the covered employee. Reasonable suspicion tests for the presence of alcohol shall be authorized by observations made just prior, during or immediately after the period of the day in which the employee is required to be in compliance with the requirements of Part 655; and those alcohol tests shall only be conducted just before, during, or just after the performance of a safety-sensitive function. If an alcohol test is not administered within two hours following the determination to test the employee, the employer shall prepare and maintain on file a record stating the reasons the alcohol test was not promptly administered. If the alcohol test is not administered within eight hours following the determination, MVT shall cease attempts to administer an alcohol test and shall state in the record the reasons for not administering the test.

Reasonable suspicion determination will be made by a supervisor, or other company official who has had the required Reasonable Suspicion training to detect and document the signs and symptoms of probable drug use and alcohol use and who reasonably concludes that an employee may be impaired by of a prohibited substance.

Any employee who is required to take a Reasonable Suspicion test will remain off duty until a negative alcohol and drug test is received.

8.3 Post-Accident Testing

Fatal Accidents

As soon as practicable following an accident involving the loss of human life, MV Transportation will conduct drug and alcohol tests on each surviving covered employee operating the public transportation vehicle at the time of the accident. Post accident drug and alcohol testing of the operator is not required under this section if the covered employee is tested under the fatal accident testing requirements of the Federal Motor Carrier Safety Administration rule 49 CFR 382.303 (a)(1) or (b)(1). MV Transportation shall also test any other covered employee whose performance could have contributed to the accident as determined by investigating staff using the best information available at the time of the decision.

Non-Fatal Injury Accidents

As soon as practicable following an accident not involving the loss of human life in which a public transportation vehicle is involved, MV Transportation will drug and alcohol test each covered employee operating the public transportation vehicle at the time of the accident unless investigating staff determine, using the best information available at the time of the decision, that the covered employee's performance can be completely discounted as a contributing factor to the accident.

Accident means an occurrence associated with the operation of a vehicle, if as a result: (1) An individual dies; or (2) An individual suffers bodily injury and immediately receives medical treatment away from the scene of the accident; or (3) With respect to an occurrence in which the transit vehicle involved is a bus, electric bus, van, or automobile, one or more vehicles (including non-FTA funded vehicles) incurs disabling damage as the result of the occurrence and such vehicle or vehicles are transported away from the scene by a tow truck or other vehicle; or (4) With respect to an occurrence in which the public transportation vehicle involved is a rail car, trolley car, trolley bus, or vessel, the public transportation vehicle is removed from operation.

(For exact testing criteria -See Post Accident Testing Procedures Pg. 28)

MV Transportation shall also test any other covered employee whose performance could have contributed to the accident as determined by investigating staff using the best information available at the time of the decision.

MV Policy: When to conduct a NON-DOT Post accident/incident test

If the accident does not meet the FTA/FMCSA testing criteria, MVT will reserve the right to test any safety-sensitive employee after any accident/incident regardless of the severity of the accident/incident. Additionally, MVT will test any other safety-sensitive employee whose performance MVT determines could have contributed to the accident.

Under these circumstances it must be explained to the employee that the drug and alcohol tests will be done under M.V. Transportation authority and should be done on NON-DOT drug and alcohol chain of custody forms.

Any employee who takes a post accident test will remain off duty until a negative drug test and alcohol test result is received.

8.4 Random Testing

Employees performing safety-sensitive functions will be subject to unannounced, random drug and alcohol testing in accordance with FTA regulations. The random drug and alcohol testing rates will be, at a minimum, based on the current FTA and FMCSA requirements at all times. Each such employee shall have an equal chance at selection and shall remain in the pool even after being tested. The basis for random selection shall be by a scientifically valid random number generation method initiated by computer. The dates for administering unannounced testing of randomly-selected covered employees shall be spread reasonably throughout the calendar year, month, week, and all hours that safety-sensitive functions are performed. This ensures that employees would have a reasonable expectation that they might be called for a test on any day they are at work. A covered employee shall only be randomly tested for alcohol misuse while the employee is performing safety-sensitive functions; just before the employee is to perform safety-sensitive functions; or just after the employee has ceased performing such functions. A covered employee may be randomly tested for prohibited drug use anytime while on duty. The employee must proceed to the test site immediately after being notified that he or she has been selected for testing in the allotted time given.

9.0 Consequences

9.1 Positive Alcohol Test

- (a) A safety-sensitive employee who has a confirmed alcohol concentration of 0.02 or greater but less than 0.04 will be removed from his or her duties for eight hours unless a confirmation test results in a concentration measure of less than 0.02. (For a test result which is less than 0.04 no other action will be taken except that which is described in this paragraph.)
- (b) An alcohol concentration of 0.04 or greater or a test refusal will be considered a positive alcohol test. The employee will be immediately removed from duty and referred to a Substance Abuse Professional (SAP) **and terminated from employment.**

9.2 Positive Drug Test

The consequences of a positive drug test or a test refusal are as follows: the employee will immediately be removed from safety sensitive duties, referred to a Substance Abuse Professional **and terminated from employment.**

10.0 MRO Report of a Negative Dilute Specimen

If the MRO informs MVT that a negative drug test was dilute, the employee will be directed to take another test immediately. In some cases, the MRO may require the retest to be performed under "Direct Observation." Each employee directed to take another test, will be given the minimum possible advance notice that he or she must go to the collection site to take another test.

For any employee that is directed to take another test, the result of the second test – not that of the original test – becomes the test of record which MVT will rely on for purposes of this policy. Any employee who is directed to take another test and the employee declines to do so, shall be considered as a refusal to test for purposes of this policy and DOT agency regulations.

Dilute Specimen- A specimen with creatinine and specific gravity values that are lower than expected for human urine.

11.0 Substance Abuse Professional (SAP)

A SAP must meet all the credential, basic knowledge, qualification training, continuing education, and documentation requirements of 49 CFR Part 40, Subpart O, §40.281 (a-e). The SAP will evaluate the employee to determine what assistance the employee needs in resolving problems associated with prohibited substance abuse or alcohol misuse. The SAP will also determine whether an employee has successfully completed a program of rehabilitation.

MV Transportation uses:

American Substance Abuse Professionals, Inc. (ASAP)
Nationwide Network www.go2asap.com
1421 Clarkview Road, Suite 130, Baltimore, Maryland 21209
Contact: Nicole Hanratty, CEAP, SAP, C-DERT
888-792-2727 x177 Mention MV Transportation

This firm is a national company that contains a large network of qualified SAPs throughout the United States. Employees simply call the toll-free number and provide the SAP their city and zip code and the SAP will find them the qualified SAPs closest to their area.

12.0 Training and Education

All employees shall participate in a minimum one-hour training session designed to meet FTA requirements by learning about the effects and consequences of drug use on personal health, safety and the work environment. For those supervisors participating in reasonable suspicion determination testing, there will be at least two hours of training to explain the criteria for reasonable cause testing, including at least an hour on the physical, behavioral and performance indicators of probable drug use and another hour on the physical, behavioral, speech and performance indicators of probable alcohol misuse. Initial training sessions will be re-enforced with educational materials and meetings. Further, employees shall be provided with a community hot-line telephone number.

13.0 Employee Assistance Community Service Hot-Line

The Center for Substance Abuse Treatment maintains a toll-free Referral Helpline
800-662-HELP
National Mental Health Association
800-969-NMHA (6642)
National Domestic Violence Hotline
800-799-SAFE
National Suicide Hotline
800-SUICIDE (784-2433)
National Child Abuse Hotline
800-422-4453

14.0 Records, Confidentiality

A safety-sensitive employee is entitled, upon written request, to review and obtain copies of any records relating to the employee's drug and alcohol testing. MVT must maintain records of its substance abuse program in a secure location with controlled access.

15.0 System Contact

Any questions regarding this policy or any other aspect of MVT's Substance Abuse Management Program should be directed to the office of the following:

Name: Esther Avalos, Director of Drug & Alcohol Compliance
Address: 2711 N. Haskell Ave., Ste. 1500, LB-2, Dallas, TX 75204
Phone Number: 972-391-4616

16.0 Local Authority

Local Division General Managers and Safety Managers are the Designated Employer Representatives (DERs) and are authorized to receive test information from the MRO as well as confirmation test results from the qualified B.A.T.

17.0 Revisions to the Policy and Program

This policy and program are subject to revision in accordance with the Department of Transportation regulations, as amended.

18.0 Zero Tolerance Policy

MV Transportation's "Zero Tolerance" Policy means any covered employee that has a verified positive drug or alcohol test, or test refusal, will be immediately removed from his/her safety-sensitive position, referred to a Substance Abuse Professional (SAP), and **will be terminated.**

EXHIBIT A

Pursuant to the Federal Department of Transportation regulations, the following are the drugs to be tested for, and the threshold levels of each test which MV Transportation is required to accept:

Initial test analyte	Initial test cutoff 1	Confirmatory test analyte	Confirmatory test cutoff concentration
Marijuana metabolites (THCA) 2	50 ng/mL 3	THCA	15 ng/mL.
Cocaine metabolite (Benzoyllecgonine) ...	150 ng/mL 3	Benzoyllecgonine	100 ng/mL.
Codeine/	2000 ng/mL	Codeine	2000 ng/mL.
Morphine		Morphine	2000 ng/mL.
Hydrocodone/	300 ng/mL	Hydrocodone	100 ng/mL.
Hydromorphone		Hydromorphone	100 ng/mL.
Oxycodone/	100 ng/mL	Oxycodone	100 ng/mL.
Oxymorphone		Oxymorphone	100 ng/mL.
6-Acetylmorphine	10 ng/mL	6-Acetylmorphine	10 ng/mL.
Phencyclidine	25 ng/mL	Phencyclidine	25 ng/mL.
Amphetamine/	500 ng/mL	Amphetamine	250 ng/mL.
Methamphetamine		Methamphetamine	250 ng/mL.
MDMA 4/MDA 5	500 ng/mL	MDMA	250 ng/mL.
		MDA	250 ng/mL.

* (ng/mL) nanograms per milliliter

ALCOHOL

(Includes ethanol, methanol, isopropanol)

Breath Alcohol Concentration

(expressed in terms of grams of alcohol per 210 liters of breath)

Initial Screen

Under 0.02

Confirmatory

(given if 0.02 or greater on initial screen)

0.02 to less than .04 employee may not perform safety-sensitive function

EXHIBIT B

The following is a general list of safety-sensitive functions and the job categories of employees who are subject to the provisions of 49 CFR Par 655 and 382 at MV Transportation:

NOTE: This list is subject to change and revision.

49	Maintenance Training Manager	340	Lead Dispatcher	416	Safety Manager	550	Mechanic
87	Safety Assistant	345	Dispatcher	420	BTW Trainer	561	Mechanic A (specify Union Class)
112	Floating Class A Mechanic	346	Window Dispatcher	425	BTW Instructor	562	Mechanic B (specify Union Class)
113	Body Repairman	349	Scheduling Manager	450	Classroom Instructor	563	Mechanic C (specify Union Class)
300	General Manager	350	Scheduler	451	Classroom Trainer	564	Technician A Mechanic
301	General Manager 1	352	Scheduling Coordinator	470	Parts Manager	565	B Mechanic
302	General Manager 2	353	VA Coordinator	471	Assistant Parts Manager	566	Technician C Mechanic
303	General Manager 3	354	Operations Supervisor	475	Parts Clerk	567	Technician Apprentice
304	General Manager 4	355	Road Supervisor	500	Maintenance Manager	568	Technician
310	Division Manager	357	Where's My Ride Supervisor	510	Assistant Maintenance Manager	569	Mechanic Helper
315	Assistant Division Manager	359	Lead Supervisor	512	Maintenance Technician	570	Cleaners
320	Operations Manager	379	Lead Schedule/Dispatcher	514	Bus Stop Maintenance	571	Mechanic Helper
321	Shift Supervisor	399	Call Center Manager	515	Maintenance Clerk	572	Body Shop Technician
322	Assistant Operations Manager	400	Safety and Training Manager	516	Maintenance Supervisor	575	Service Worker
323	Operations supervisor	405	Training Manager	517	Service Employee	580	Utility Crew
330	Dispatch Manager	406	Training Supervisor	518	Advanced Service Employee	584	Station Supervisor
332	Reservations Manager	410	Safety Trainer	519	Entry Level Mechanic	590	Bus Aide
335	Dispatch Supervisor	411	Safety Training Supervisor	520	Shop Foreman	600	Driver Trainer
336	Drive Cam Supervisor	415	Assistant Safety Manager	530	Lead Mechanic	610	Driver

Any MVT employee who has a non-safety-sensitive position, but who may perform a safety sensitive function at any time while they are working will be subject to random testing and will be included in the DOT random testing pool.

Testing Procedures

Note: Testing and collection procedures will be conducted as set forth by 49 CFR Parts 40 (as amended) & 655 & 382. The information on the following pages is meant for general information only for MV Transportation employees. Any questions regarding reference to the regulations should be directed to the policy section of this handbook. A copy of 49 CFR Part 40 is available for review to each employee upon request to their local manager.

This is a “Zero Tolerance” policy and any reference to return to work after a positive test result does not apply to employees affected by this policy. The FTA does not mandate “Second Chance”.

Pre-Employment Testing

1. The FTA regulations require that all applicants for employment in safety-sensitive positions or individuals being transferred to safety-sensitive positions from NON-safety-sensitive positions must be given a pre-employment drug test.
2. Applicants may not be assigned to safety-sensitive functions unless they pass the drug test.
3. Applicants must be informed in writing of the testing requirements prior to conducting the test. **MVT will require applicant to sign a form acknowledging that they know that their urine will be tested for Cocaine, PCP, Amphetamines, Marijuana, and Opioids.**
4. Appropriate personnel at each location will schedule appointments for collection. The employee must be made aware that their placement into a safety sensitive position is contingent upon a negative test result.
5. It is the responsibility of the applicant to report to the collection site at the time and day scheduled.
6. Positive test results must be reviewed by the MRO.
7. Applicants are notified by the MRO of the laboratory results and are given an opportunity to discuss the results.
8. Applicants who test positive will not be hired into a safety-sensitive position.
9. An applicant whose pre-employment test results are negative will continue through the safety-sensitive hiring process.
10. Applicants will be asked whether he or she has tested positive or refused to test on a pre-employment drug or alcohol test while trying to obtain safety sensitive transportation work from an employer covered by DOT agency during the past two years. If applicant admits that he or she had a positive test or a refusal to test, MV will not allow the applicant to perform safety sensitive duties unless and until applicant provides documents showing the successful completion and release from a SAP.

Random Testing Procedures

The FTA regulations require random testing for prohibited drugs and alcohol for all safety-sensitive employees. Random testing identifies those who are using drugs or misusing alcohol but can use the predictability of other testing methods to escape detection. More importantly, it is widely believed that random testing serves as a strong deterrent against employees beginning or continuing prohibited drug use and misuse of alcohol at MVT. MV Transportation has developed procedures for notification and collection to best implement the requirements of the federal rules.

These procedures answer common questions regarding random testing: Who is tested? Why are only some individuals tested? When and how do the tests occur?

1. Random drug and alcohol testing applies only to safety-sensitive employees. Identification numbers for all safety-sensitive employees will be included in a selection pool.
2. Random drug and alcohol testing is accomplished by a scientifically valid, tamper-proof, computer-generated selection process. A random list for testing of employee numbers will be generated every month.
3. Employees are chosen in an unannounced, unpredictable manner. No employee will be removed from the random pool following the next selection, and every employee will continue to be subject to random selection throughout the year. Every employee in the random pool has an equal chance of being selected every time. Employees are only removed from the random pool when they are in rehabilitation programs, terminated or permanently transferred to a non-safety-sensitive position, or expected to be out for at least 90 days or more.
4. Random testing will be conducted on all shifts, all times of day, and all days of the week throughout the calendar year. No shift is exempt from testing.
5. Random drug testing may be conducted concurrently with random alcohol testing or at any time during an employee's shift. Random alcohol testing will be conducted just before the employee is scheduled to perform a safety-sensitive function, while the employee is performing safety-sensitive functions or just after the employee performs a safety-sensitive function. The employee must proceed to the test site immediately after being notified that he or she has been selected for testing in the allotted time given.
6. For both Maintenance and Operations (Drivers) the Divisional Manager in each location will be notified which employees have been selected for testing. Once an employee is notified of his/her selection, he/she must report immediately for the test. Failure to report after notification constitutes a refusal to test. (see procedures for random test notification)
7. Employees will be notified where to report for collection, when to stop work and report to the collection site and who will relieve them, if necessary.
8. The employee must submit to a drug and/or alcohol test. Failure to cooperate with the collection procedure in any way constitutes a refusal to test which has the same consequences as a positive test result.

9. The employee is in a paid status throughout the random testing procedure. Employees will be removed from duty if the results are positive **and employee will be terminated.**
10. If both alcohol and drug tests are being given, the breath alcohol test will be performed first. Immediately thereafter, the urine sample will be collected for the drug test.
11. If there is a confirmed breath alcohol test of between .02% and .039% (inclusive), the employee will be relieved from duty immediately for a minimum of eight (8) hours.
12. If there is a confirmed positive breath alcohol test (.04% or above), the employee will be given the name of a Substance Abuse Professional (SAP) **and terminated.**

Procedures for Random Test Notification

1. The Human Resource Department triggers the selection list of the month's safety-sensitive employees to be scheduled for testing.
2. The local manager will review work schedules, including planned absences when known, to develop a best available time to perform the tests. The local manager will coordinate the testing schedule with the collector.
3. In developing testing times, the goal will be to minimize the impact in service. Testing will be conducted using the following priority periods:
 - Before work,
 - During split time,
 - After work/shift is completed
 - During work, with standby personnel relief.
4. During work, without relief (if no other time is possible).
5. Notification of Employees- The Human Resources Department triggers notification to each location's designated employer representative (DER) via electronic mail. The DER will notify each safety-sensitive employee selected and thus notified. Each employee who is selected is to report to the test site immediately

The employee cannot "go off sick" or on vacation or leave of absence after notification.

6. Collection site personnel shall report "unreasonable delays" to the local DER as employees are required to immediately report to the collection site following notification. Failing to report to the collection site within a reasonable allotted time constitutes a refusal to test.
7. The DER shall confirm with the Regional, Divisional, or Operations Manager that the employee was notified.
8. The DER shall notify the proper management official if an employee fails to report for testing after notification.
9. An employee who fails to report for testing shall be removed from duty immediately. If employee is determined to have "refused to test" he/she face the

same consequences as testing “positive” for drugs/alcohol and will be given the name and number of a SAP and **terminated from employment**.

Collection Procedures for All Tests

All collection procedures shall be performed in accordance with Part 40. Upon notification of a test under this policy;

1. The employee must report to the collection site immediately after notification.
2. The employee shall provide photo identification to collection site personnel. Supervisors will verify the identification of employees without photo identification and may photograph the employee if necessary.
3. The employee must comply with all collection procedures.
4. The employee must follow the directions of the collection staff to ensure that an unadulterated urine specimen is collected, and/or the breath alcohol test is completed.
5. The employee will be in a private enclosure and unobserved unless a direct observed collection is determined to be needed by the MRO, the local DER, or the collector.
6. The employee must supply at least 45 ml of urine (approx. 1 ½ oz). If the employee gives an inadequate amount of urine or if the employee is unable to give a sufficient urine sample collection site staff shall provide the individual with no more than 40oz of fluid to drink during a period of up to 3 hours. The employee will attempt to provide a complete sample using a fresh container. If the required amount is provided, the collection staff will continue with collection process. If the employee is still unable to provide an adequate specimen within three hours of the first unsuccessful attempt to provide the specimen, the collection staff must discontinue the collection, note the facts on the “remarks” line of the CCF, and immediately notify the DER.

Shy Bladder - The term “shy bladder” refers to a situation when the employee does not provide a sufficient amount of urine (45 ml) for a DOT required drug test. If an employee tells the collector, upon arrival at the collection site, that he or she cannot provide a specimen, the collector must still begin the collection procedure regardless of the reason given and direct the employee to make the attempt to provide the specimen.

The employee must be monitored during this time. If the employee leaves the collection site or refuses to make the attempt to provide a sufficient urine specimen, this is considered a refusal to submit to a test.

Failure to produce a sample of urine will result in an immediate referral for an evaluation from a licensed physician within 5 days who can determine in his or her reasonable judgment the safety-sensitive employee’s inability to provide an adequate amount of urine. If no medical reason is found substantiating an inadequate sample, the incident will be treated as a “refusal to test” and will carry the same consequences as a positive test result.

It is MVT's policy that any employee who does not provide a valid specimen during a collection for a test will remain off duty until the employee is cleared from the MRO that the employee had a valid medical reason.

7. If the employee fails to provide an adequate amount of breath for the breath alcohol test, a second attempt will be made. If the Employee, after multiple attempts, fails to produce a sample, the Breath Alcohol Technician (BAT) shall so note in the "Remarks" section of the breath alcohol testing form and immediately inform the DER. The DER will instruct the employee to obtain, as soon as possible but within 5 days after the attempted provision of breath, an evaluation from a licensed physician who is acceptable to the employer concerning the employee's medical ability to provide an adequate amount of breath.
8. Whenever there is reason to believe that an individual has altered or substituted the urine specimen, a second specimen shall be obtained as soon as possible under direct observation of a same gender observer. Reasons may include; temperature of the specimen out of normal range, bluing agent in the specimen.

Substituted Specimen- A specimen with creatinine and specific gravity values that are so diminished that they are not consistent with human urine.

Adulterated Specimen- A specimen that contains a substance that is not expected to be present in human urine, or contains a substance expected to be present but is at a concentration so high that it is not consistent with human urine.

9. If the breath alcohol screening is 0.02 or greater, the breath alcohol technician will wait at least 15 minutes and a maximum of 30 minutes before administering the confirmation test. Even if more than 30 minutes have passed the BAT will still conduct the confirmation test.
10. To ensure that the test results are attributed to the correct covered employee; both specimen bottles must be sealed and labeled in the presence of the donor. The labels must be printed with the same specimen identification number as the custody control form and are attached to the specimen bottles. The donor initials the labels on the vials verifying that the specimen is his or hers.

Reasonable Suspicion Testing Procedures

1. Supervisors and managers receive training to identify behaviors that might be indicators of drug use and/or alcohol misuse. Training includes the procedures for how to deal with employees suspected of drug use and/ or alcohol misuse.
2. If a supervisor observes an appearance, behavior, speech pattern, or body odor of the covered employee that might be indicative of drug use and/or alcohol misuse, he/she directs the employee to stop work and escorts the employee to an area to be questioned and observed in private.
3. The supervisor completes the Reasonable Suspicion Incident Report. The

supervisor must ensure that the employee does not continue to operate in a safety-sensitive function after identified for reasonable suspicion testing.

4. If there is a decision to test based on observable symptoms, the employee is ordered to submit to a drug and alcohol test and is escorted to the collection site.
5. The employee is on paid status until the test collection is completed. **Employee will remain off duty until a negative drug and alcohol test is received.** To the greatest extent possible, arrangements shall be made to have him/her transported home and employee should not be allowed to leave on his/her own recognizance.
6. If there is a confirmed breath alcohol test of between .02% and .039% (inclusive), the employee will be relieved from safety-sensitive duty immediately for a minimum of eight (8) hours. If there is a confirmed positive breath alcohol test (.04% or greater) and/or confirmed positive drug test, or refusal to test, the employee shall be provided the name and number of a SAP and the employee **will be terminated**.
7. If the employee's drug test is confirmed negative by the MRO and/or the BAT test is below 0.02 the employee will be allowed to return to work and will be paid for any time missed.

Post-Accident Testing Procedures

The FTA regulations require testing for prohibited drugs and alcohol in the case of certain public transportation accidents. Post-accident testing is mandatory for accidents where there is a loss of life and for other non-fatal accidents.

1. The supervisor ensures that all injured people receive proper medical care. Nothing in this section shall be construed to require the delay of necessary medical attention for the injured following an accident or to prohibit a covered employee from leaving the scene of an accident for the period necessary to obtain assistance in responding to the accident or to obtain necessary emergency medical care.
2. The supervisor determines whether the accident meets FTA criteria using MVT's "Post Accident Decision Checklist Form".
3. If the accident meets the FTA/DOT criteria a DOT post accident drug and alcohol test will be conducted immediately. The employee will be taken to the collection site and tested as soon as practicable following the accident. The employee should remain readily available for alcohol testing up to 8 hours and for drug testing up to 32 hours after the accident, including notifying his/her supervisor of his/her location or he/she may be deemed to have refused to submit to testing if he/she does not make him/herself readily available for testing.
4. **Once the tests have been completed the employee will remain off duty until a negative drug and alcohol test is received.**
5. If the employee is not tested within two hours for alcohol, the supervisor must document the reason for the delay, and if test is not conducted in 8 hours, the DER shall cease all further attempts and update the records as to the reason(s)

why the test was not completed. If the 32 hours have passed the DER shall cease all further attempts to complete the drug test.

6. If the employee refuses to be tested, or the breath alcohol test is .04 or greater, or if the drug test is confirmed positive, the employee is immediately removed from duty, the Sap will find them the qualified SAPs closest to their area and **will be terminated**.

Post -Accident Testing Criteria

It should be noted that a post-accident test is given because the incident meets the criteria listed below. It is NOT a probable cause or reasonable suspicion test. An accident (§ 655.4) is defined as an occurrence associated with the operation of a vehicle in which:

1. An individual dies.
2. An individual suffers a bodily injury and immediately receives medical treatment away from the scene of the accident.
3. With respect to an occurrence in which the public transportation vehicle involved is a bus, van or automobile, one or more vehicles incurs disabling damage as the result of the occurrence and is transported away from the scene by a tow truck or other vehicle. For purposes of this definition, “disabling damage” means damage which precludes departure of any vehicle from the scene of the occurrence in its usual manner in daylight after simple repairs.

(Inclusions) Disabling damage includes damage to vehicles that could have been operated but would have been further damaged if so operated.

(Exclusions) damage which can be remedied temporarily at the scene of the occurrence without special tools or parts, tire disablement without other damage even if no spare tire is available, or damage to headlights, tail-lights, turn signals, horn, or windshield wipers that makes them inoperative.

4. With respect to an occurrence in which the public transportation vehicle involved is a rail car, trolley car, trolley bus, or vessel, the public transportation vehicle is removed from operation.
5. The FTA has determined that “**LIFTS**” constitute equipment used in revenue service and their operation is essential to the operation of the vehicle and protection of public safety, their operation shall now be included in the accident definition.

To determine if a test should be administered under this section, always use MV Transportation’s “Post Accident Decision Checklist”. This form should be used for all accidents in determining whether a test will be done under DOT authority.

Prohibited Drugs and Alcohol Misuse

MVT is required to ensure that all covered employees receive at least 60 minutes of training and discussion on the effects and consequences of prohibited drug use on personal health, safety, and the work environment, and on the signs and symptoms that may indicate prohibited drug use. The information below shall assist in providing statistics and examples of substance abuse in the work force and the signs and symptoms of such use.

A study conducted showed 75 percent of illicit drug users 18 and older are employed, which amounts to about 10 million U.S. workers. On a daily basis, based on 250 work days in a year, at least 42,000 Americans are coming to work stoned or are getting “high” while on the job.

Studies and statistics show that:

1. Every 23 minutes a death occurs as a result of a drug or alcohol related accident.
2. A typical abuser is:
 - a. Late to work 3 times more often
 - b. Requests twice as much time off
 - c. Is absent 2 1/2 times more than average
 - d. Uses 3 times as many sick benefits
 - e. Collects 5 times as much worker's comp
 - f. Has 300% higher medical costs/benefits

If these statistics haven't convinced you that the problem is serious, let's look at a few more.

A national survey once reported that:

1. 19% of all children over the age of 12 had used some type of illegal drug
2. 65% of 18 to 25-year olds had used some type of illegal drug
3. 30 to 40 million Americans stated they had used cocaine
4. By age 17, 70% of American teenagers had tried alcohol

As you can see, drug and alcohol abuse is a serious problem, having a major effect on all our lives. Even though you may not be abusing drugs or alcohol, you are affected by the results of drug and alcohol abuse in our society. You pay higher medical costs to help cover the costs for abusers who cannot afford the cost of treatment. You pay higher insurance costs to help fund the drug and alcohol abuse programs paid for by insurance companies. The material and services you buy cost more because of decreased worker productivity, as well as increased cost to employers.

This section is designed to provide you with a brief overview of the seriousness of using controlled substances and alcohol. It also provides education on the signs, symptoms and effects of the illicit drugs that you will be tested for. Your employer has taken great measures to assure you of a safe working environment. Please review this booklet in its entirety to educate yourself on drug and alcohol in the workplace. When you have completed reading this material, you will better understand the need for a drug-free workplace.

The drugs for which you will be subject to testing include:

- Amphetamine
- Cocaine
- Marijuana
- Opioids
- Phencyclidine (PCP)
- Alcohol (by evidential breath testing device only)

Facts about Amphetamines

Amphetamines (methamphetamine, MDMA-ecstasy) are central nervous system stimulants. They tend to make people “hyper” and “jumpy”. They can be taken either orally or injected. They are often used by people to stay awake and to counteract the effects of drowsiness. They are especially dangerous to take while performing safety-sensitive tasks or driving.

Ecstasy, MDMA (3,4 methylenedioxymethamphetamine), is a synthetic, psychoactive drug that is chemically similar to the stimulant methamphetamine and the hallucinogen mescaline. MDMA causes an increase in serotonin which plays an important role in the regulation of mood, sleep, pain, appetite, and other behaviors.

Some heavy MDMA users experience long lasting confusion, depression, and selective impairment of working memory and attention processes. Ecstasy users make extremely dangerous drivers. They can exhibit the same impairments as amphetamine, heroin, cocaine, and hallucinogen users.

Signs and Symptoms of Amphetamine Use

- ◆ Hypersensitivity
- ◆ Exhaustion
- ◆ Dilated Pupils
- ◆ Grinding teeth
- ◆ Loss of appetite and immediate weight loss
- ◆ Dry mouth
- ◆ Excessive talking

Effects on Person

- ◆ More likely to take risks
- ◆ Impaired judgement

Facts about Cocaine

Cocaine also stimulates the central nervous system. It gives the user an intense feeling of well-being, or euphoria, known as a “high”. The “high” will last for 10 to 60 minutes. A more potent form of the drug called “crack” cocaine is especially addicting and dangerous. Although it’s “high” lasts only about 5 to 8 minutes, “crack” cocaine can be addicting after only one use, and cause death the first time it is used. Cocaine can be injected, snorted, or free-based. Snorting is sniffing the drug up the nose, and free-basing is done by heating the drug and inhaling the vapors.

Signs and Symptoms of Cocaine Use

- ◆ Mood swings
- ◆ Weight Loss
- ◆ Restlessness: Difficulty sitting or standing in one place
- ◆ Depression
- ◆ Nose bleeds
- ◆ Irritable, angry, nervous, angers easily
- ◆ Bad breath
- ◆ Euphoric feeling
- ◆ Running nose, uncontrollable sniffing

Effects on Person

- ◆ Slowed reaction time
- ◆ Distorted vision and depth perception
- ◆ Slow to make decisions
- ◆ Unable to correctly measure time and distance

Facts about Marijuana

Marijuana is a depressant and mind-altering drug. Marijuana does not depress the central nervous system’s reaction, it works on the brain. Mind altering means it causes hallucinations. It can be eaten or smoked. Street names for marijuana are “dope”, “grass”, “joint”, “hash”, or “hooch”.

Tests have shown that people’s reflexes and thought processes are slower under the influence of marijuana. The effects of this drug are longer lasting than first thought. In fact, impairment can last more than 24 hours after using marijuana. The body actually stores the drug for days, weeks, and in some cases, months, depending on the frequency of use.

Signs and Symptoms of Marijuana Use

- ◆ Dilated pupils
- ◆ Slowed reflexes
- ◆ Giddiness
- ◆ Slowed thinking
- ◆ Moodiness
- ◆ Trance-like state
- ◆ Impaired vision
- ◆ Reduced feeling of pain
- ◆ Odor of burning
- ◆ Short-term memory loss
- ◆ Loss of concentration
- ◆ Unable to sleep after prolonged use

Signs To Look For

- ◆ Cigarette rolling paper
- ◆ Dried plant material, either crumbled or pressed
- ◆ Roach clip (device to hold joint)
- ◆ Hash pipe (very small pipe)

Facts about Opioids

Opioids are classified as a narcotic analgesic. They tend to have a sedating, calming effect, and act as a depressant to the central nervous system. Opioids are more commonly known as morphine, codeine, hydrocodone, hydromorphone, oxycodone, oxymorphone, and heroin. Street names for Opioids are “junk”, “smack”, “horse”, and “brown sugar”. Opioids are prescribed by doctors to relieve pain, they can either be taken orally, injected or smoked. Some common names for these semi-synthetic opioids include OxyContin®, Percodan®, Percocet®, Vicodin®, Lortab®, Norco®, Dilaudid®, Exalgo®.

When the drug is injected, the user feels an immediate “rush”, usually followed by a very relaxed and soothing feeling. However, some Opioids can cause very unpleasant side effects such as nervousness, nausea, and restlessness, and if taken in excess, may cause coma or death.

Signs and Symptoms of Opioid Use

- ◆ Mental confusion

- ◆ Slurred speech
- ◆ Unsteadiness
- ◆ Hostility
- ◆ Memory loss
- ◆ Drowsiness
- ◆ Excess talking
- ◆ Euphoria
- ◆ Depression
- ◆ Short attention span
- ◆ Cold, moist or bluish skin
- ◆ Reduced feeling of pain

Effects on Person

- ◆ Lack of concentration – Day dreaming
- ◆ Distorted sense of time and distance
- ◆ Distorted vision

Facts about Phencyclidine (PCP)

Phencyclidine, commonly called “Angel Dust”, is known as a dissociative anesthetic. Users of PCP may experience hallucinations and signs of intoxication. They may not be able to focus their attention or will experience confusion and lack of coordination.

Although PCP has immediate short-term effects, it is also known for its long-term effect of causing psychotic behavior often associated with violent acts. Other street names for PCP include “hog”, and “crystal”. PCP may be smoked, snorted or injected.

Signs and Symptoms of PCP Use

- ◆ Delusions
- ◆ Confusion
- ◆ Panic
- ◆ Increased blood pressure
- ◆ Anxiety
- ◆ Flashbacks

Effects on Person

- ◆ More likely to take risks
- ◆ Impaired coordination
- ◆ Aggressive actions

Facts about Alcohol

Alcohol is a socially acceptable drug that has been consumed throughout the world for centuries. It is considered a recreational beverage when consumed in moderation for enjoyment and relaxation during social gatherings. However, when consumed primarily for its physical and mood-altering effects, it is a substance of abuse. As a depressant, it slows down physical responses and progressively impairs mental functions.

Signs and Symptoms of Use

- ◆ Dulled mental processes
- ◆ Lack of coordination
- ◆ Odor of alcohol on breath
- ◆ Possible constricted pupils
- ◆ Sleepy or stuporous condition
- ◆ Slowed reaction rate
- ◆ Slurred speech

(Note: Except for the odor, these are general signs and symptoms of any depressant substance.)

Health Effects

The chronic consumption of alcohol (average of three servings per day of beer [12oz], whiskey [1oz], or wine [6oz glass] over time may result in the following health hazards:

- ◆ Decreased sexual functioning
- ◆ Dependency (up to 10% of all people who drink alcohol become physically and/or mentally dependent on alcohol and can be termed “alcoholic”)
- ◆ Fatal liver diseases
- ◆ Increased cancers of the mouth, tongue, pharynx, esophagus, rectum, breast, and malignant melanoma.
- ◆ Kidney disease, Pancreatitis, Ulcers
- ◆ Spontaneous abortion and neonatal mortality
- ◆ Birth defects (up to 54% of all birth defects are alcohol related).

Workplace Issues

- ◆ It takes one hour for the average person (150 pounds) to process one serving of an alcoholic beverage from the body.
- ◆ Impairment in coordination and judgment can be objectively measured with as little as two drinks in the body.
- ◆ A person who is legally intoxicated is 6 times more likely to have an accident than a sober person.



**ACKNOWLEDGEMENT
OF
EMPLOYER'S DRUG AND ALCOHOL TESTING POLICY**

I, _____, the undersigned, hereby
Print Full Name

acknowledge that I have received a copy of the anti-drug and alcohol misuse program policy mandated by the U.S. Department of Transportation, Federal Transit Administration for all covered employees who perform a safety-sensitive function. I understand this policy is required by 49 CFR Part 655, as amended, and has been duly adopted by the governing board of the employer. Any provisions contained herein which are not required by 49 CFR Part 655, as amended, that have been imposed solely on the authority of the employer are designated as such in the policy document.

I further understand that receipt of this policy constitutes a legal notification of the contents, and that it is my responsibility to become familiar with and adhere to all provisions contained therein. I will seek and get clarification for any compliance with all provisions contained in the policy. I also understand that compliance with all provisions contained in the policy is a condition of employment.

I further understand that the information contained in the approved policy dated April 1, 2018 is subject to change, and that any such changes, or addendum, shall be disseminated in a manner consistent with the provision of 49 CFR Part 655, as amended.

I hereby acknowledge that I have participated in and completed the required minimum 60 minutes of training on the effects and consequences of prohibited drug use on personal health, safety, and the work environment, and on the signs and symptoms that may indicate prohibited drug use in accordance with Part 655.14(b)(1) and in addition, to the training, this policy and handbook was reviewed.

I further acknowledge that I have been advised of the consequences for safety sensitive employees who violate the testing requirements.

Signature of Employee

Date

Print Name



Return to Work Less than 30 Days

Employee Name (Print): _____ Employee Number: _____

EE Job Title: _____ Division Name/#: _____

Safety Meetings Reviewed

Months Reviewed

Quiz Score %

April 2020

May 2020

June 2020

July 2020

Safety Meetings

_____ hours

Road Evaluation

_____ minutes (minimum of 30 minutes)

DriveCam 9+ Events Coaching and Counseling

_____ minutes

Total Time

_____ hours and _____ minutes

Driving Evaluation (must be a minimum of 30 minutes)

- Operator must watch videos and review applicable material for Safety Meetings which he/she has missed during their leave from MV Transportation.
- Operator must review and be coached on DC events with a score of 9+.
- Operator must demonstrate proficiency on all aspects of the road evaluation.

Note: Road Evaluation and all other applicable training documents to be attached to this record.

☐

As a MV Transportation Professional Operator Instructor/Supervisor, I recommend this student be release back into revenue service.

☐

This student has NOT satisfactorily demonstrated that he or she has mastered the required standards. As required this student must go through the 31-60 day training curriculum.

Trainee - By signing below, I acknowledge that I'm familiar with MV Transportation's safety programs and know what's expected of me in order to perform my job in a safe manner. I AM COMMITTED TO SAFETY!

Employee Signature

Date

Trainer - By signing below, I acknowledge that this employee has completed all required classroom training and passed a Road Evaluation.

Trainer Name (print)

Date

Trainer Signature



Return to Work 31-60 Days

Employee Name (Print): _____ Employee Number: _____

EE Job Title: _____ Division Name/#: _____

Classroom Training

Subject Matter	Time (Hours)	Module	Date Completed	Trainee Initials
Intersections	30 mins	16	_____	_____
Pedestrian & Bicyclists	30 min	25	_____	_____

Safety Meetings Reviewed	Months Reviewed	Quiz Score %
	April 2020	_____
	May 2020	_____
	June 2020	_____
	July 2020	_____

Total Classroom	_____ 1 _____	hour(s)
Safety Meetings	_____	hour(s)
DriveCam 9+ Events Coaching and Counseling	_____	minutes
Road Evaluation	_____	minutes (minimum of 30 mins)
Total Time	_____	hours and _____ minutes

Road Evaluation (must be a minimum of 30 minutes)

- Operator must complete classroom training.
- Operator must watch videos and review applicable material for Safety Meetings which he/she has missed during their leave from MV Transportation.
- Operator must review and be coached on DC events with a score of 9+.
- Students must demonstrate proficiency on all aspects of the road evaluation.

Note: Road Evaluation and all other applicable training documents to be attached to this record.

☐

As an MV Transportation Professional Operator Instructor/Supervisor, I recommend this student be released back into revenue service.

☐

This student has NOT satisfactorily demonstrated that he or she has mastered the required standards. As required this student must go through the 61-90 day training curriculum.

Trainee - By signing below, I acknowledge that I'm familiar with MV Transportation's Defensive Driving Program and prepared to go back into revenue service. I AM COMMITTED TO SAFETY!

Employee Signature

Date

Trainer - By signing below, I acknowledge that this employee has completed all required classroom training and passed a Road Evaluation.

Trainer Name (print)

Date

Trainer Signature



Return to Work 61-90 Days

Employee Name (Print): _____ Employee Number: _____

EE Job Title: _____ Division Name/#: _____

Classroom Training

Subject Matter	Time (Hours)	Module	Date Completed	Trainee Initials
LLC Defensive Driving	30 mins	15	_____	_____
Intersections	30 mins	16	_____	_____
Pedestrians & Bicyclists	30 mins	25	_____	_____
Mobility Device Securement	45 mins	31	_____	_____

Safety Meetings Reviewed

Months Reviewed

Quiz Score %

April 2020

May 2020

June 2020

July 2020

Total Classroom	_____ 2 _____	hour(s) and _____ 15 _____	minutes
Safety Meetings	_____	hour(s)	
DriveCam 9+ Events Coaching and Counseling	_____	minutes	
Road Evaluation (field)	_____	minutes (minimum of 30 minutes)	
Total Time	_____	hours and _____	minutes

Road Evaluation (must be a minimum of 30 minutes)

- Operator must complete classroom training.
- Operator must watch videos and review applicable material for Safety Meetings which he/she has missed during their leave from MV Transportation.
- Operator must review and be coached on DC events with a score of 9+.
- Operator must demonstrate proficiency on all aspects of the Road Evaluation.

Note: Road Evaluation and all other applicable training documents to be attached to this record.

☐

As an MV Transportation Professional Operator Instructor/Supervisor, I recommend this student be released back into revenue service.

☐

This student has NOT satisfactorily demonstrated that he or she has mastered the required standards. As required this student must go through the Like Service training curriculum.

Trainee - By signing below, I acknowledge that I'm familiar with MV Transportation's safety programs and know what's expected of me in order to perform my job in a safe manner. I AM COMMITED TO SAFETY!

Employee Signature

Date

Trainer - By signing below, I acknowledge that this employee has completed all required classroom training and passed a Road Evaluation.

Trainer Name (print)

Date

Trainer Signature



Return to Work - Safety Leadership – BTWs and Road Sups

Employee Name (Print): _____ Employee Number: _____

EE Job Title: _____ Division Name/#: _____

Classroom Training

Subject Matter	Time (Hours)	Module	Date Completed	Trainee Initials
LLC Defensive Driving	30 mins	15	_____	_____
Intersections	30 mins	16	_____	_____
Pedestrians & Bicyclists	30 mins	25	_____	_____
Road Supervisor Obs. Techs.	30 mins	pg. 8-11 & CD	_____	_____
Road Supervisor Obs. Techs.	15 mins	Test (pg. 11)	_____	_____

Safety Meetings Reviewed Months Reviewed Quiz Score %

April 2020	_____
May 2020	_____
June 2020	_____
July 2020	_____

Total Classroom	_____ hours and _____ minutes
Safety Meetings	_____ hour(s)
DriveCam Trend and Risky Driver Review	_____ minutes
Road Supervisor Observation Techniques – pg 8-11 & corresponding CD	_____ minutes
Road Supervisor Observation Techniques – Take Test (pg 11)	_____ minutes
Certificate Review (Reasonable Suspicion, BTW, Road Sup)	_____ minutes
Total Time	_____ hours and _____ minutes

- Employee must complete classroom training.
- Employee must watch videos and review applicable material for Safety Meetings which he/she has missed during their leave from MV Transportation.
- Employee must review DC trends and current priorities based off risky behaviors / risky operators.
- Employee must complete a refresh of performing a Road Evaluation, found in the Road Supervisor manual on pg 8 – 11.
- Employee must successfully pass test on performing a Road Evaluation, found in the Road Supervisor manual on pg 11.
- Employee must be up-to-date on certificates, including Reasonable Suspicion, Road Supervisor and BTW. If Road Sup or BTW certificate is more than 12 months old, schedule for retraining within 60 days of RTW.

Note: All other applicable training documents to be attached to this record.

- ☐ As an MV Transportation Professional Operator Supervisor/Manager, I recommend this student be released back into revenue service.
- ☐ This student has NOT satisfactorily demonstrated that he or she has mastered the required standards. As required this student must go through a more in-depth training curriculum with the Safety Manager and / or Safety Director.

Trainee - By signing below, I acknowledge that I'm familiar with MV Transportation's safety programs and know what's expected of me in order to perform my job in a safe manner. I AM COMMITTED TO SAFETY!

Employee Signature

Date

Manager - By signing below, I acknowledge that this employee has completed all required training and is up-to-date on certifications.

Manager Name (print)

Date

Manager Signature



Return to Work - Dispatchers

Employee Name (Print): _____ Employee Number: _____

EE Job Title: _____ Division Name/#: _____

Classroom Training

Subject Matter	Time	Date Completed	Trainee Initials
Technical Refresher Training (Dispatch Software, Forms, Scripts, etc.)	_____	_____	_____
Review Changes to Policies (Social Distancing, PPE, Fares, etc.)	_____	_____	_____
1 Hr of Customer Service Refresher Training	_____	_____	_____
Missed MVU Courses (Cybersecurity, etc.)	_____	_____	_____

Safety Meetings Reviewed	Months Reviewed	Quiz Score %
--------------------------	-----------------	--------------

April 2020	_____
May 2020	_____
June 2020	_____
July 2020	_____

Total Classroom	_____ hours and _____ minutes
Safety Meetings	_____ hour(s)
Total Time	_____ hours and _____ minutes

- Employee must watch videos and review applicable material for Safety Meetings which he/she has missed during their leave from MV Transportation.
- Employee must review and demonstrate proficiency in a technical refresher training, to include a refresher of dispatch software, review of forms and scripts, etc.
- Employee must review and be aware of all changes to policies, including but not limited to social distancing policies; number passengers per vehicle; PPE required by passengers or employees; fare collection; how to board a vehicle; any other changes that may have taken place.
- Employee must complete a 1-hour refresher of customer service training.
- Employee must be up-to-date on their Reasonable Suspicion certificate, if applicable.
- Employee must complete any missed courses in MV University, such as Cybersecurity training.

Note: All other applicable training documents to be attached to this record.

☐ As an MV Transportation Professional Operator Instructor/Supervisor/Manager, I recommend this student be released back to work.

☐ This student has NOT satisfactorily demonstrated that he or she has mastered the required standards. As required this student must go through more in-depth training curriculum with the manager.

Trainee - By signing below, I acknowledge that I'm familiar with MV Transportation's safety programs and know what's expected of me in order to perform my job in a safe manner. I AM COMMITTED TO SAFETY!

Employee Signature

Date

Manager - By signing below, I acknowledge that this employee has completed all required training and is up-to-date on certifications.

Manager Name (print)

Date

Manager Signature

Driver Name**POST ACCIDENT RETRAINING**

Classroom	Module #	Fixed Object	Pulled Out	Roll Away	Intersection	Pedestrian	Hit Other in Rear	Head On Collision	Cyclist	Sideswipe	Hit at RR Tracks	Hit in Rear	Backing	Hit While Stopped	Drowsy/Fatigue
The Katherine McClary Story	2		X		X	X			X						
MV Transportation Professional	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fatigue Management	6						X								X
On the Road	13	X	X	X	X	X	X	X	X	X	X	X		X	X
The Basics of Safety	14	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LLLC - Defensive Driving	15	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mirrors & Reference Points	18	X	X		X	X	X	X	X		X		X		
Following Distance	20						X		X						
Backing Basics	21	X			X		X			X				X	
Intersections	22				X	X	X	X	X		X		X		
Changing Lanes, Merging & Passing	23		X		X	X	X	X		X				X	
Railroad Crossings	24						X	X	X	X	X				
Pedestrians	25		X		X										
Special Conditions	26					X		X							
LLLC															
Slips Trips and Falls		X													X
Distracted Driving		X	X		X	X	X		X	X	X				
Pedestrians/Cyclists															
Avoiding Fixed Objects		X	X		X										
Left Turns/Pedestrians															
Right Turns/Pedestrians															
BTW															
➤ BTW															
➤ Road Test Eval															

NOTES:

Employee Signature

Trainer Signature

Employee Signature

Trainer Signature



#44 LIVERMORE ANNUAL DRIVER RECERTIFICATIONS
2019

Employee Name (print): _____

Employee Number: _____ Division #: _____

Drivers Initials:

Date completed:

Subject:

W/C Recertification

Mirror Station

Pre-Trip Inspection

Air Brake Test

Right/Left Turns

Ride/Road Check

****Note:** Drivers must demonstrate proficiency on all aspects of the recertification subjects above

_____ This Driver has satisfactorily demonstrated that he/she has mastered the subjects listed

_____ This Driver has not passed some/all subjects listed above. Needs retraining.

By signing below, we acknowledge that the Driver has been trained and is familiar with the above noted subjects and meets the minimal requirements for this locations annual recertification process.

Drivers Signature

Date

Safety Manager

Operator Requirements and Training Program

Prior to Proposer starting revenue service, training shall be given to each of the Proposer's employees or subcontractors, as appropriate. Training must be performed by a certified Operator trainer. Operators must meet minimum qualifications outlined below.

Certified Operator Trainer

Certified Operator Trainer must have either a State of California Department of Education Instructor's Certificate or a Department of Transportation Instructor's Certificate.

Operator/Operator's Licenses

Operators must have Department of Motor Vehicles Class B or C Operators' licenses, as appropriate, with passenger endorsements current medical certificate (DL-51), and hold a current Verification of Transit Training (VTT) certificate.

Pull Notice Program

All persons operating LAVTA equipment shall be on the DMV Pull Notice Program. Any "Notice of Action" on a Operator's record shall be reviewed by the certified Operator trainer. Review of operators' commercial license records is mandatory.

New Bus Operator/Operator Training For Commercial Class B or C License

Those bus Operators without prior transit coach or charter coach driving must complete a training program that results in qualifying for a Class B or C, as appropriate License and training verification.

All State of California, California Highway Patrol, Department of Motor Vehicles, and Department of Transportation requirements shall be included in the new bus Operator training program.

No prospective or present employee of Proposer who tests positive on the drug/alcohol screening test shall be assigned to LAVTA service.

Training for Existing Certified Operator/Operators

Operators with an existing Class B certified license that have at least three months experience with transit coaches shall have minimum of sixteen (16) hours of training on the specific vehicles used in all of LAVTA's services. Those Operators without at least three months transit coach experience should have at least forty (40) hours of behind the wheel training on the specific vehicles in LAVTA service. Minimum training hours required shall be in non-revenue service.

Supplemental Training for All Operators

- All Operators, regardless of prior experience, must be given route specific training. At least sixteen (16) hours of actual driving for each route must be included.

- A minimum of four (4) hours of classroom instruction on the following: vehicle code, radio procedures, accident procedures, Operator vehicle and schedule assignments, and employee rules and regulations.
- A minimum of four (4) hours of classroom instruction of the following: fares, monthly pass sales, transfer use and procedures, regional transit information and other pertinent customer operating procedures. Operators shall obtain through training a good working knowledge of the regional public transit system. Operators shall be informed on an ongoing basis of transit service changes.
- A minimum of four (4) hours of classroom instruction of the following: customer courtesy and safety procedures and techniques for handling customer complaints and handling of Operator-passenger confrontations and sensitivity training.
- A one (1) hour plus orientation to LAVTA policies and requirements for operating performance including completed trips, on-time performance, and liquidated damages/performance bonuses.
- All Operators must receive and pass the eight hour minimum National Safety Council Defensive Driving Courses or equivalent.
- An additional eight hours of training shall be devoted to the operations of lift equipment and sensitive and courteous treatment of persons with disabilities. The lift training shall include instruction on the operation of lifts and securements, experience boarding and alighting individuals in wheelchairs under various conditions and empathy training to help operators gain insight into the special needs and specific obstacles persons with disabilities may encounter using public transportation. Note that all Operators, fixed route, Dial-A-Ride, and Demand Area Responsive Transit, undergo this training.
- Red Cross First Aid Training is an option which may be completed within fifteen (15) days after start of Operator's service.

Operators' Rules and Regulations

Uniforms/Appearance. Uniforms must be worn at all times when on duty.

Proposer shall provide and maintain clean, identical uniforms for all Operators and shall enforce dress and appearance requirements, also subject to approval of LAVTA. At a minimum, dress requirements shall include:

- Clean, identical (currently blue and white striped) shirts for all Operators.
- Clean, identical, dark solid color jackets or sweaters for all Operators for use during cold or rainy weather.
- Clean, identical, professionally made identification tags, including WHEELS logo and Operator name.
- WHEELS patch on the right sleeve of the shirt and jackets.
- Clean, dark solid color full-length pants/trousers, clean, dark, matching socks and clean, dark solid shoes for all male Operators.
- Clean, dark solid color full-length pants/trousers (or clean, dark solid skirts), and clean dark color shoes for all female Operators.
- Proposer may propose alternative summer uniforms for Operators subject to LAVTA approval.
- All shirts/blouses tails must be tucked into the Operators' pants/trousers (or skirts).

- Operators must have neatly groomed hair and maintain neat appearance. For safety reasons Operators with hair longer than shoulder length will be required to have it pulled back and secured.
- Proposers may specify equivalent alternate dress and appearance codes, subject to LAVTA's prior approval.

Operator Rules

- While in uniform, a Operator will not purchase, consume or be under the influence of any narcotic, intoxicant or harmful drug.
- A Operator will be responsible for keeping the vehicle clean and sanitary during his/her shift.
- Operators are responsible for immediately reporting any defects their assigned vehicle may have to the supervisor.
- Operators must conduct themselves and operate their assigned run in a safe vehicle and courteous manner at all times.
- Operators may use vehicles only in accordance with their assigned duties.
- Operators are responsible for displaying proper destination signs while in service.
- Operators providing service must travel over the prescribed routes and must maintain time schedules. If it becomes necessary to go off route, the employee will first immediately notify his/her supervisor via radio or phone to receive direction. No run will be cut short.
- Operators will report to the dispatchers any unusual occurrences observed on the road and any vandalism or damage to LAVTA property.
- Operators shall not accept gratuities.
- Operators may not talk on cell phones while their vehicle is in service or in motion.
- Operators may not eat or drink while operating their vehicle. Beverages must be in an approved container.

In-Service Training

- Operators should receive at least one (1) hour of pure safety training each month by a certified trainer. Proposer should be prepared to submit to LAVTA safety meeting topics and attendance lists.
- Proposer trainer shall conduct a one (1) hour evaluation check ride with each Operator at least once every three months. This is a minimum. Additionally, random follow-ups should be performed on all Operators. LAVTA should be provided with certification that ride checks have been performed.
- Proposer shall conduct a one (1) hour refresher training in proper use of wheelchair lift procedures and use of all wheelchair securement devices with each LAVTA fixed route, Dial-A-Ride, and Demand Area Responsive Transit service bus Operator at least once every six (6) months. All Operators should receive refresher sensitivity training annually. These are minimum training goals.
- Operators are to receive refresher presentations on a regular basis on emergency procedures and emergency preparedness so that they will be prepared to respond in a major disaster.

- Proposer shall require operator's attendance at a Planning and Marketing/Public Outreach meeting no less than once per quarter. These meetings may be monthly at LAVTA's discretion.

Safety

Operators shall conduct themselves with the highest regard for passenger safety and comfort, including but not limited to:

- Yield even though they may not have the right-of-way.
- Follow National Safety Council Defensive Driving Course practices.
- All information regarding any system accident is confidential. Employees will only speak to police or supervisory personnel regarding any such accident.
- Operators shall report unsafe conditions to the dispatcher or supervisor for immediate attention

Intelligent Transportation Systems Training Requirement

LAVTA owns and operates several pieces of technology which are designed to provide excellent customer service information to patrons and assist staff with the daily management of the system. Operators are a critical piece of this puzzle and Contractor shall ensure that all operators are properly trained in all pieces of technology currently (and in the future) in use. These systems have been listed and described in previous citations within this solicitation. Contractor shall conduct mandatory retraining of operators if deficiencies with use of technology are noted. Contractor shall also provide periodic retraining classes to re-fresh operators who may not use technology as frequently as others. Proposers who elect to use "approved equal" technology must train Operators on their use and ensure the use is as intended by the Proposer.

Physical Examinations

Proposer shall provide Proposer's Operators' medical examinations at Proposer's expense at a certified medical facility, and Proposer shall not permit any Operator who has not successfully passed such examination to operate a vehicle in any service included in this Agreement. Medical examinations must be sufficient to meet the medical requirements to qualify for a Class B or C, as appropriate, certificate issued by the California Department of Motor Vehicles. Operators must have in their possession when operating a vehicle a valid Class B or C, as appropriate license, current medical card (DL-51) with current medical form on file with DMV.

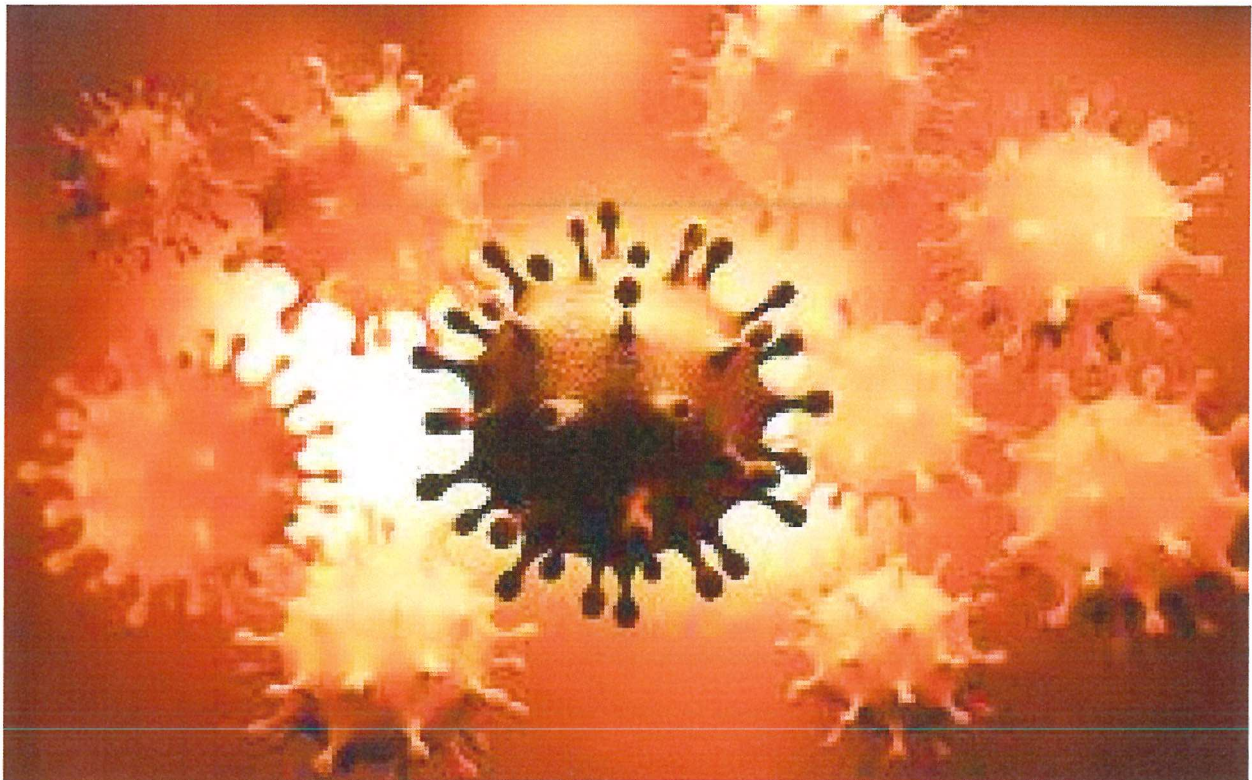
Additional Requirements

- LAVTA may revise operating procedures, fare policies, and employee's rules and regulations based on specific incidents or general policy development. LAVTA may request Proposer input, when necessary, to make changes to the operating procedures and rules and regulations included within this Agreement.
- Proposer shall supply LAVTA with a list of Operators who have completed the specified Operator training program for all LAVTA's routes. This list shall be updated at least monthly and as additional Operators are trained.
- A meeting of all affected personnel of the Proposer shall be held prior to system start-up or service changes when so requested by LAVTA. No more than four (4)

such meetings will be requested during any one (1) year period. LAVTA shall be permitted to attend these meetings if so requested by LAVTA.

- LAVTA shall be able to request that specific Operator(s) be replaced for failure to follow the Operator's Rules or LAVTA's Customer Service Policies: (Section 6 of this Attachment) or other reasonable cause.

**MV TRANSPORTATION
LIVERMORE DIV 44
CORONA VIRUS**



**HEALTH & SAFETY
PREPAREDNESS PLAN
UPDATED 11/18/2020**

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COVID-19 Health and Safety Preparedness Plan

MV Transportation is committed to providing a safe and healthy workplace for all employees, customers, clients, and business partners. To ensure we have a safe and healthy workplace, MV Transportation has developed the following COVID-19 Health and Safety Preparedness Plan in response to the COVID-19 pandemic. All employees are responsible for implementing this plan. Our goal is to mitigate the potential for transmission of COVID-19 in our workplaces and communities, and that requires full cooperation among our workforce. Only through this cooperative effort can we establish and maintain the safety and health of all persons in our workplaces.

MV's COVID-19 Health and Safety Preparedness Plan follows the guidance published by the Centers for Disease Control and Prevention (CDC), Occupational Safety and Health Administration (OSHA), as well as industry guidance applicable to our business from the Federal Transit Administration (FTA) and American Public Transportation Association (APTA). This plan addresses:

- Everyday preventative safety precautions;
- Ensuring sick employees stay home and prompt identification and isolation of sick persons;
- Physical distancing – Employees must be at least six-feet apart;
- Worker hygiene and source controls;
- Workplace cleaning and disinfection protocol and;
- Communications and training practices and protocol.

This plan provides guidance for personal hygiene skills and habits that should be followed at home and in the workplace. Remember, safety is everyone's job!

Maintain Safe Behavioral Practices

It is imperative that we all take self-responsibility during this pandemic. Everyone has a role in making sure our communities are as safe as possible – at work and at home. Training will be provided on the proper methods of wearing a mask as well donning and removing gloves.

1. Perform a Health Assessment self check prior to reporting for work. You should stay home if:
 - a. You have a temperature of 100° or more
 - b. You exhibit any of the COVID19 signs and symptoms as described by the CDC. Inform your supervisor if you have a sick family member at home with COVID-19.
2. Practice 6 feet physical distancing in every situation possible.
3. Avoid social gatherings outside of work where more than 10 people are gathered, including postponing travel plans.
4. Facial coverings or face masks are required. Follow protocols on proper way to wear and dispose of masks.
 - a. Facial coverings and masks should properly cover your nose and mouth.
 - b. Facial coverings should be worn in offices where 2 or more people are present.
 - c. Stay informed from the CDC on the importance of your facial coverings and masks.

5. When possible, use phone, email, or Microsoft Teams instead of face-to-face interactions.
6. Do not shake hands – consider the use of other noncontact methods of greeting.
7. Regularly wash your hands with soap and water for 20 seconds or apply hand sanitizer containing at least 60% alcohol immediately after coming into contact with another person.
8. If wearing gloves, wash your hands immediately after taking them off. Follow protocols on proper way to wear and dispose of gloves.
9. Avoid touching your nose, mouth, and eyes.
10. Cover coughs and sneezes with a tissue or elbow, and immediately wash hands or apply hand sanitizer.
 - a. Cough etiquette is a series of actions to take if you are coughing or sneezing, which are designed to reduce the spread of respiratory illness to others.
 - b. Sneeze, blow your nose, or cough into a disposable tissue, and discard the tissue immediately into a bin.
11. Practice routine cleaning and disinfection of frequently touched surfaces, following the directions on the cleaning product's label.
12. Limit the use of shared tools and schedule regular decontamination should sharing occur (i.e. tools in the shop, pens at check-in, etc.).
13. Avoid using other employees' phones, desks, offices, or other work tools and equipment, when possible. If necessary, clean and disinfect them before and after use.
14. Report any safety concerns or hazards to your supervisor or manager.

Please review the following sections for a more in-depth overview of precautions to take to maintain a safe and healthy workplace.

Sanitary Measures in the Workplace

Performing Cleaning and Disinfection

The virus that causes COVID-19 can be killed if you use the right products. EPA has compiled a list of disinfectant products that can be used against COVID-19, including ready-to-use sprays, concentrates, and wipes. Each product has been shown to be effective against viruses that are harder to kill than viruses like the one that causes COVID-19.

MV Transportation has procured Zep Spirit II, Triton, Lemonex III, and D-7 for cleaning and disinfecting. These are an EPA approved product against COVID-19. The current cleaning protocols have been enhanced to include deep cleaning on a more regular basis using the EPA approved products. Additionally, Lysol Disinfecting Wipes are included as an effective disinfecting measure in between the deeper cleans.

According to the CDC, "Cleaning refers to the removal of germs, dirt, and impurities from surfaces. It does not kill germs, but by removing them, it lowers their numbers and the risk of spreading infection. Disinfecting refers to using chemicals, for example, EPA-registered disinfectants, to kill germs on surfaces. This process does not necessarily clean dirty surfaces or remove germs, but by killing germs on a surface after cleaning, it can further lower the risk of spreading infection. If surfaces are dirty, they should be cleaned using a detergent or soap and water prior to disinfection."

- Consider the type of surface; is it a hard surface or a soft surface? Ensure the product instructions are followed and all surfaces are receiving cleaning / disinfecting. Prioritize disinfecting frequently touched surfaces.
- Wear disposable gloves to clean and disinfect. Additional PPE may be needed based on setting and product. Please read the product instructions and/or Safety Data Sheet (SDS) prior to using.
- First, perform routine cleaning with soap and water to remove germs and dirt from surfaces.
 - If surfaces are visibly dirty, they should be cleaned using a detergent or soap and water prior to disinfection.
- Then, disinfect using an EPA-approved disinfectant. Disinfectants will kill germs on surfaces.
 - Contact time with the surface or object should not be brief. Follow the instructions on the label, which will recommend keeping surface wet, for a period of time, to ensure sufficient time to kill the virus (i.e. at least 30 seconds prior to wiping dry).
- Frequently touched surfaces in the workplace will be disinfected using an EPA-approved product against COVID-19.
- When possible, avoid using other workers' phones, desks, offices, or other work tools and equipment. If necessary, clean and disinfect them before and after use.
- Store and use disinfectants in a responsible and appropriate manner according to the label. Do not mix bleach or other cleaning and disinfection products together.
- Gloves and other disposable PPE used during cleaning and disinfecting should be removed and thrown away.
 - After removing gloves, wash hands with soap and water for at least 20 seconds or use a hand sanitizer with at least 60% alcohol if soap and water are unavailable.

The CDC guidelines on cleaning and disinfecting are summarized above. More in-depth detail can be found on their website: <https://www.cdc.gov/coronavirus/2019-ncov/community/disinfecting-building-facility.html>

All locations will receive the enhanced cleaning protocol and will ensure accountability by recording cleaning on a schedule and log. Additionally, all employees should clean their area routinely throughout their shift, using sanitizing wipes.

Finally, MV Transportation has developed a set of protocols to decontaminate the workplace if an employee becomes ill with COVID-19, consistent with the CDC standards.

Using Sanitizing Wipes

Wipes will allow you to keep your workspaces clean in-between deeper cleanings.

- Read and follow the instructions on the label.
- Keep the following tips in mind:
 - Do not reuse wipes to wipe down multiple surfaces. This can transfer germs from the used wipe to other surfaces. To prevent this, use one wipe for each surface and then throw it out.
 - These wipes should not, under any circumstances, be thought of as a substitute for other hygienic practices like proper hand-washing.
 - Sanitize your hands after wiping down a surface.
 - Store sanitizing wipes at room temperature and securely close covers so they do not dry out.

Frequently Touched Surfaces

There are several high-touch areas in the facility or office that need to be frequently wiped down and cleaned. Prioritize disinfecting these frequently touched surfaces. Examples of frequently touched surfaces and objects that will need routine disinfection include, but are not limited to:

Tables	Countertops	Phones	Faucets and Sinks
Doorknobs	Handles / Handrails	Keyboards	Electronics
Light switches	Desks	Restroom Surfaces	Elevator Buttons
Steering Wheels			

Before and after a staff member changes shifts, wipe down the entire workstation, including the PC, keyboard, phone, desk, etc.

- Any shared tool or object should be wiped down before and after using it.
- Operators are encouraged to avoid touching surfaces often touched by passengers, but to disinfect before and after when needed, and then sanitize their hands.
- Operators will have access to disposable sanitizing wipes to use on any surface with which they have regular contact. Surfaces should be wiped regularly, after each stop if possible.
- Clean your frequently touched surfaces routinely throughout your day.

Everyone needs to take personal responsibility for helping disinfect and clean their work areas throughout the day.

Clean Desk Policy

In an effort to maintain optimal workplace cleanliness, all employees are to follow a clean desk policy.

- To avoid cross contamination, please limit the number of personal items brought into the workplace to the essential items needed to be productive for the workday. No bringing in pastries or other community food items.
- Limit the outside items brought into the workplace.
- Upon entering the workplace, disinfect your surface area and frequently touched objects.
- Plan first thing in the morning and keep just the things you need for your workday on your desk.
- Maintain a supply of PPE at your desk for personal use, including tissues, hand sanitizer, sanitizing wipes, and a facial covering.
- All sensitive and confidential paperwork must be removed from the desk and locked in a drawer or filing cabinet.
- Pick up at the end of the day and disinfect your workspace at the end of your shift.

Common Area Cleaning

MV's Maintenance crew has been equipped with the proper and necessary tools to facilitate the cleaning of all common areas within the facility. This includes the driver and mechanic break room, all rest rooms, shop area, and common hallways. This task is performed twice a day to ensure proper sanitation, disinfection, and sterilization.

Transit Vehicle Cleaning

MV has acquired fogging devices that have been approved by the CDC as an effective deterrent against the Coronavirus. As such, our fleet is fumigated once a day, at the end of the bus rotation or shift. This ensures that each day is started with a clean, sterile vehicle.

Hygiene and Infection Control

Feeling Sick or Symptomatic

Employees are to be informed of and encouraged to self-monitor for signs and symptoms of COVID-19. Employees who feel ill or are exhibiting symptoms of COVID-19 should not report to work. Symptoms of COVID-19 can be found on CDC at <https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>

If an employee begins feeling ill while in the workplace, they are to isolate from others, send a notification to their supervisor, and immediately leave the workplace. The employee is encouraged to immediately seek medical care. The employee will be contacted by their supervisor with further instructions.

MV Transportation has developed a set of protocols that includes contact tracing guidelines to communicate with others that may have been potentially exposed if they were in close contact with the sick employee, according to CDC guidelines.

If any employee has tested positive for COVID-19 or been diagnosed as COVID-19 positive by a healthcare provider within the last 14 days, they will not be permitted to enter the workplace and will be asked to isolate at home.

If an employee has been in close contact with anyone who has been diagnosed as infected with, or is being screened or monitored for, COVID-19, or who has been advised by a health care professional to quarantine within the last 14 days, they will not be permitted to enter the workplace and will be asked to self-quarantine.

MV Transportation will maintain confidentiality of screening information, which are designed only for COVID-19 related purposes while it remains a direct threat and/or we continue to be in a state of emergency. This is in an effort to maintain a safe environment as we focus on the health and well-being of our employees and the community.

Hand Hygiene

Proper hand hygiene is an important infection control measure. MV Transportation will ensure that handwashing and/or hand sanitizing stations are readily available and stocked.

Employees are to wash hands regularly with soap and water for at least 20 seconds. If soap and water are not readily available, use an alcohol-based hand sanitizer containing at least 60% alcohol.

Wash hands with soap and water or use hand sanitizer before and after wearing gloves. And whether you wear gloves or not, avoid touching your eyes, nose and mouth to limit possible exposure to germs.

Employees are instructed to wash their hands for at least 20 seconds with soap and water frequently throughout the day, but especially at the beginning and end of their shift, prior to any mealtimes, and after using the restroom. All employees and non-employees are required to wash or sanitize their hands prior to or immediately upon entering the workplace.

- Key times to clean / disinfect hands in general include:
 - Before, during, and after preparing food
 - Before eating food
 - After using the toilet
 - After blowing your nose, coughing, or sneezing
- Additional times to clean / disinfect hands on the job include:
 - Before and after work shifts
 - Before and after work breaks
 - After touching frequently touched surfaces
 - Before and after wearing gloves
 - Before and after providing care for another person who needs assistance
 - After putting on, touching, or removing cloth face coverings
- Avoid touching your eyes, nose, or mouth.

Practice good personal health hygiene, including washing your clothes and your safety vest.

Signs and posters are posted in the following areas to reinforce these safety precautions:

- At the office entrance
- In the bathrooms
- Near sinks or faucets
- In the breakrooms

Hand Sanitizer

There are important differences between washing hands with soap and water and using hand sanitizer. Soap and water work to remove all types of germs from hands, while sanitizer acts by killing certain germs on the skin.

- DO NOT use hand sanitizer if your hands are visibly dirty or greasy. If a handwashing station is available, wash your hands with soap and water instead.
- When using hand sanitizer, use an alcohol-based hand sanitizer that contains at least 60% alcohol.
- Put enough sanitizer on your hands to cover all surfaces.
- Rub your hands together until they feel dry (this should take around 20 seconds).
- Do NOT rinse or wipe off the hand sanitizer before it's dry; it may not work well against germs.

“Electronic Hygiene”

For electronics such as cell phones, tablets, MDTs, touch screens, remote controls, and keyboards, employees are to practice safety precautions and to wipe these down frequently to disinfect and sanitize.

Instructions:

- Follow the manufacturer’s instructions for all cleaning and disinfection products.
- If no manufacturer guidance is available, consider the use of alcohol-based wipes or sprays containing at least 70% alcohol to disinfect touch screens.
- Wipe the surfaces prior to use and when you are done using them at the end of the shift.
- Wipe the surfaces down after anyone else touches them.
- Dry the surfaces thoroughly to avoid pooling of liquids.
- Clean your hands as frequently as possible and sanitize your hands before and after touching new surfaces.
- If you have a timeclock, please reference the Coronavirus Response website for guideline on cleaning your timeclocks.

This includes the following:

- Your PC or laptop
- Your phone
- The printer
- Any other electronics

Use and Availability of PPE

Availability of PPE in the Workplace

MV Transportation will provide employees the recommended protective supplies and ensure the availability of hand sanitizer and approved cleaning products.

- Face masks, gloves, hand sanitizer, and sanitizing wipes will be available to employees and are to be used during employee shift
- Hand Sanitizer is strategically placed throughout facility and “Sanitary Stations” are available at high-touch areas
- Routine cleaning of frequently touched surfaces is to be practiced by all employees

If an employee is running low on PPE, they are to contact their supervisor.

Proper Use and Disposal of Gloves and Masks

If you are using gloves and masks for additional protection, please be sure to follow the proper usage and disposal of gloves and masks. Employees are to follow universal precautions, like what is taught through Bloodborne Pathogen training.

- Gloves
 - Wash and/or sanitize hands before and after using gloves
 - Ensure glove removal does not cause additional contamination of hands.

- Gloves can be removed using more than one technique (i.e. glove-in-glove or bird beak).
- Change gloves throughout the day to avoid cross-contamination.
- After removing PPE, wash your hands with soap and water for at least 20 seconds or use hand-sanitizer (with at least 60% alcohol).
- Masks
 - Facial coverings are to be worn in all areas of the business.
 - Wash and/or sanitize hands before and after using a facial covering.
 - Do not touch the front of the respirator, facemask, or facial covering.
 - Facial coverings should cover your nose and mouth and be snug against your face.
 - Carefully untie (or unhook from the ears) and pull away from face without touching the front.
 - For disposable masks, dispose of it in a safe and secure manner.
 - Cloth masks and gloves should be washed and dried as frequently as possible, with detergent and the warmest water possible, in accordance with CDC guidelines for cleaning and disinfecting soft (porous) surfaces.
 - After removing PPE, wash your hands with soap and water for at least 20 seconds or use hand-sanitizer (with at least 60% alcohol).

Work uniforms worn during cleaning and disinfecting should be laundered afterwards. Clean your hands after handling laundry by washing your hands with soap and water or using an alcohol-based hand sanitizer with at least 60% alcohol if soap and water are not available.

Reference the Coronavirus Response website for more in-depth safety procedures for both gloves and masks.

Physical Considerations and Office Layout

Physical distancing of at least six feet is to now be implemented and maintained throughout the workplace through both engineering and administrative controls. Per CDC recommendations, no congregating should occur. Therefore, there are practices that MV Transportation has adopted to promote a safe physical environment for employees.

The following actions have been implemented:

- Workspace seating adheres to 6 feet separation, including spacing out staff members into every other cubicle and installing barriers or partitions where possible or necessary
- Workspaces have been reconfigured that takes physical distancing into account, including all common areas
- Visual cues and signage are placed throughout the workplace to encourage proper physical distancing
- Tape markings showing acceptable physical distancing placed where lines might form
- Traffic patterns have been evaluated for physical distancing bottlenecks
 - Entrance and exit doors identified
 - Entrance and Exit doors identified and marked.
 - Capacity limits established or rooms / spaces closed when necessary
- Small conference rooms have been closed or a capacity limit has been established
- Desks, tables, and chairs in congregation-prone areas have been removed (including in the breakroom)

Breakrooms / Lounges

As previously stated, we need to limit the use of shared objects and avoid congregating. This includes the breakroom.

- Employees are encouraged to bring their own lunchbox with an ice-pack.
- Seats and/or tables are removed in the breakroom to help avoid congregating and to provide additional personal space to achieve 6 feet distance.
- Employees are to stagger their meal and rest breaks to avoid congregating.
- Limit surface contact by removing or shutting down (where possible) the following:
 - Microwaves, Coffee Pots, Popcorn Machines, Water Cooler, Refrigerators, Ice Machines, Sinks
 - Drinking fountains are closed until further notice; employees are encouraged to use bottle filling stations, sinks, or employees bringing water from home.
- A “sanitary station” is set up within the breakroom and employees are to clean / disinfect the frequently touched surfaces before and after use.
 - Exceptions for the refrigerator use includes medical purposes and split-shifts.
 - No food is to be stored in the fridge overnight.
 - Signage is posted on the refrigerator instructing on the sanitary protocol.
- If the breakroom needs to be accessed, capacity limits are established at no more than 1 or 2 people in breakroom at any given time (depending on square footage of space).

Restrooms

- Our workplaces follow our [Facility Cleaning policy](#) for thorough cleaning in areas where we perform the cleaning.
- Restrooms are receiving a more frequent cleaning protocol.
- Restrooms are checked regularly to ensure they are stocked with hand soap and paper towels.
- Capacity limits are established at no more than 1 or 2 people in restroom at any given time to allow for 6 feet physical distancing.
- A [hand hygiene awareness poster](#) is visible in the restrooms near the sinks.
- Employees are to wash their hands and re-sanitize prior to returning to their desk.

No Visitor Policy

Until further notice, employees are not to have visitors or business partners visit us at our workplace. The use of phone, email or Microsoft Teams should be leveraged instead of face-to-face interactions.

How can I achieve physical distancing in meetings, training, or conversations?

There are certain things that will still need to occur in our daily operations. To the extent possible, the use of phone, email or Microsoft Teams should be leveraged instead of face-to-face interactions. However, these are ways to achieve Physical Distancing during a mandatory interaction:

- [Post a sign on the door](#) to ask employees to knock and wait for directions rather than just walking into the office
- Find a larger space where you can talk and keep distance.
- Everyone is to wear a facial covering and have recently washed their hands.

- Stagger seating in conference and training rooms to maintain a 6 feet distance.
- Have individual writing utensils rather than using shared items.

Culture of Mental Health Safety

While it is not the responsibility of an employer or supervisor to diagnose mental health conditions, MV Transportation is committed to promoting a culture of mental health safety as we continue to navigate through this pandemic. Leadership, supervisors, and other managers have an essential role in promoting a culture of wellness.

Assess Internal Resources

MV Transportation is committed to communicate the “how” of navigating healthcare benefits and Employee Assistance Program (EAP) services – for employees in distress or employees who have not used these benefits before, not knowing how to navigate resources is a barrier to accessing them.

Employees are encouraged to take advantage of our EAP, LifeWorks. LifeWorks is a total well-being solution offering support for your mental, physical, social, and financial well-being. The invitation code is MVT-Employee ID, for example MVT-222333.

Employees are encouraged to contact their Human Resources representative if they have any questions about this program.

Connecting Employees to Mental Health Resources

An educated workforce can better protect themselves from the impacts of mental health and stress related to COVID-19. MV Transportation is committed to providing resources from the National Safety Council that includes tips on managing stress and taking care of mental health during a pandemic.

Here are a few tips to help promote positive mental health:

1. **Take care of your mental health and be aware of signs of stress.** Take deep breaths, stretch, or meditate. Try to eat healthy, well-balanced meals, exercise regularly and get plenty of sleep. Even 1 minute of practicing mindfulness will help you calm your mind.
2. **Utilize resources at your disposal.** Take advantage of the EAP, LifeWorks.
3. **Be aware of signs of stress in your family members.** Not all children and teens respond to stress in the same way. Talk to your child to reassure them, try to keep up with regular routines, and be a role model to them. The CDC has put together [other recommendations to help children cope](#).
4. **Kindness and patience go a long way.** We are all adjusting to this new normal and each person adjusts differently. Make time to talk and be supportive of your teammates, friends, and family current needs and concerns.

It is important to recognize how mental health can affect worker safety. Even if no actual illness is diagnosed, it's easy to imagine how a worker's mental state might affect his or her ability to make good decisions and recognize potential hazards.

COVID 19

SIGNS AND SYMPTOMS

People with COVID-19 have had a wide range of symptoms reported – ranging from mild symptoms to severe illness. Symptoms may appear **2-14 days after exposure to the virus**. People with these symptoms may have COVID-19:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

This list does not include all possible symptoms. CDC will continue to update this list as we learn more about COVID-19.

Look for **emergency warning signs*** for COVID-19. If someone is showing any of these signs, **seek emergency medical care immediately**:

- Trouble breathing
- Persistent pain or pressure in the chest
- New confusion
- Inability to wake or stay awake
- Bluish lips or face

*This list is not all possible symptoms. Please call your medical provider for any other symptoms that are severe or concerning to you.

Call 911 or call ahead to your local emergency facility: Notify the operator that you are seeking care for someone who has or may have COVID-19.

MV DIV.44 Sanitation cleaning for COVID-19

Walls, floors, windows, windowsills, ceilings, light fittings and covers, doors, including handles, toilets, wash hand basins, cupboards, shelving, refrigerator, sinks, tables, including underside and legs, work surfaces and chairs.

Dispatch/Driver Area Disinfecting Program		
Area/Item	Method	Frequency/Comments
Walls, floors, windows, windowsills, ceilings, light fittings and covers	Clean with ZEPP ii product. (Spray).	Twice Daily.
Cupboards, shelving, refrigerator, sinks, tables, including underside and legs, work surfaces and chairs.	Clean ZEPP ii product. (Spray).	Twice Daily.
Waste bins	Empty. Lysol spayed.	Twice Daily.

Toilet Area Disinfecting Program		
Area/Item	Method	Frequency / Comments
Wash hand basins, taps, surrounding counters, soap dispensers.	Clean ZEPP ii product. (Spray).	Twice Daily.
Both sides of toilet seat, toilet handles, doorknobs or cubicle handles.	Clean with ZEPP ii product. (Spray).	Twice Daily.

MV DIV.44 Sanitation cleaning for COVID-19

Continued...

Office Environment Disinfecting Program		
Area/Item	Method	Frequency/Comments
Walls, floors, windows, windowsills, ceilings, light fittings and covers, desks.	Clean with ZEPP ii product. (Spray).	Twice Daily.
Cupboards, shelving, refrigerator, tables, including underside and legs, work surfaces and chairs.	Clean ZEPP ii product. (Spray).	Twice Daily.
Waste bins	Empty. Lysol sprayed.	Twice Daily.

**** The cleaning of the facilities is performed twice daily, as indicated. The sign off sheet has been designed to be signed off once the Manager verifies that the cleaning has been done for that week.****

Disinfection Checklist

August – December 2020

Week #	Cleaning Frequency	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Managers signature
34	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
35	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
36	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
37	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
38	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
39	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
40	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
41	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
42	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
43	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
44	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
45	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
46	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	

47	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
48	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
49	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
50	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
51	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	
52	AM	✓	✓	✓	✓	✓	✓	✓	
	PM	✓	✓	✓	✓	✓	✓	✓	



*Maintenance / Shop Safety
Handbook*

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INTRODUCTION

The Company makes every effort to maintain pleasant, safe working conditions and to prevent accidents and injuries. Machines and equipment are fitted with mechanical safeguards, and safety instructions are given through job training, inspections and safety posters.

The safety of each employee is important to the Company. While the overall responsibility for safety lies with the supervisors, all employees are requested to help prevent accidents by assuming individual responsibility in the use of safety equipment and by following instructions carefully. Any condition which is believed to be unsafe should be reported to the employee's supervisor. All personnel are asked to become familiar with the exits and the location of fire extinguisher equipment nearest their area of work.

All injuries, regardless of how minor they may appear, should be reported immediately to the employee's supervisor.

Occupational safety is a serious matter. Adherence to the established safety rules and practices is an extremely important component of accident prevention.

Therefore, the following Rules and Guidelines have been developed to help each employee to maintain safe working conditions.

GENERAL SAFETY RULES

These safety rules have been established for the protection of each employee. All employees are required to cooperate in observing these rules, and to assist in making the Division a safe and orderly place to work.

1. Do not endanger yourself or others. Report any hazardous conditions or practices that may cause injury to people, property, or the environment.
2. Never operate any machine or equipment unless you are specifically authorized to do so by your supervisor.
3. Do not operate defective equipment of any kind that may be personally or company owned. Do not use broken hand tools. Report defective or hazardous equipment to your supervisor.
4. Obtain full instructions from your supervisor before operating a machine with which you are not familiar.
5. Never start on any hazardous job without being completely familiar with the safety techniques that apply to it. Check with your supervisor if in doubt.
6. Make sure all safety attachments are in place and properly adjusted before operating any machine.
7. Do not operate any machine or equipment at unsafe speeds. Shut off equipment that is not in use.
8. Wear all protective garments and equipment necessary to be safe on the job. Wear proper safety shoes. Sandals or other open-toed or thin-soled shoes are not permitted. PPE must be worn/used properly at all times.
9. Do not wear loose or flowing clothing. Employees with long hair must take appropriate measures to prevent their hair from coming into contact with moving equipment or machinery.
10. Never repair, modify or adjust any machine or equipment unless you are specifically authorized to do so by your supervisor.
11. Never oil, clean, repair, or adjust any machine while it is in motion.
12. Never repair or adjust any electrically or power driven machine without observing prescribed lock out/tag out procedures.
13. Put tools and equipment away when they are not in use.
14. Make sure you can safely lift something before you move it. Get help with heavy or oversize items and always use proper lifting techniques. Ask for assistance.
15. Keep all aisles, stairways, and exits clear of skids, boxes, air hoses, equipment, and spillage.
16. Do not place equipment and materials so as to block emergency exit routes, fire boxes, sprinkler shutoffs, machine or electrical control panels, or fire extinguishers.
17. Stack all materials neatly; make sure piles are stable.
18. Keep your work area, machinery, and all company facilities that you use clean and neat.
19. Do not participate in horseplay, or tease or otherwise distract fellow workers. Do not run on company premises—always walk.
20. Power-truck operators must safeguard other workers at all times; power-truck operators must yield the right of way to pedestrians.

- 21. Never take chances. If you're unsure, ask your supervisor. Let good common sense be your guide.
- 22. Report all injuries, collisions, incidents and near misses to your supervisor
- 23. Follow procedures, signs and instructions
- 24. If you have suggestions for safety improvements, tell your supervisor or team leader.

EMPLOYEE RESPONSIBILITIES

Attitude and work practices go a long way toward creating a safe work environment and avoiding injuries to yourself and others. You have a responsibility to yourself and your co-workers to perform every assigned task in a safe manner. You also have a responsibility to help all new employees understand the importance of working safely, and you have the responsibility to report and correct any hazard or unsafe conditions.

Safety is everybody's business, and our safety requires the active participation of management, supervisors, and workers. No one group can do the job alone.

If you don't hold up your end, then the company's safety procedures, equipment, and training don't get used and accidents happen.

If you don't stay alert to, and report, accidents, near-misses, and unsafe acts and conditions that you experience or notice on the job, we may not know about them and won't be able to correct them and improve the prospects for everyone's safety.

The following is to review just what your safety responsibilities are so that you'll be able to help us all stay safe, healthy, and in compliance with the law.

General Hazards

There are two types of general hazards on the job: unsafe acts and unsafe conditions.

They are just what they sound like.

- Unsafe acts are things people do that ignore safety procedures and risk their own, or other peoples, health and safety. Examples of an unsafe act might include not wearing protective clothing, mixing reactive chemicals, using a machine without a guard, or tossing sharp tools around the work area.
- Unsafe conditions are machines, tools, protective equipment, or work area situations that don't comply with safety rules and practices and have to be fixed or corrected in order to protect the people who work here. Examples of an unsafe condition may include frayed electric cords, tools that spark, leaking chemical containers, and inadequate ventilation.

Remember, accidents and injuries can be prevented if proper safety and environmental standards and procedures are followed.

PROTECTING AGAINST INJURY

Eye Protection

Injuries to the eye are one of the most common industrial accidents and can be extremely serious. Don't take chances with your eyesight.

Face Shields & Goggles

Face shields must be worn in designated areas and for all grinding and wire wheel and cutoff wheel operations, even though these machines are equipped with shields and guards. A face shield must be worn by anyone using compressed air or liquids to clean parts.

Welding Goggles and Helmets

- Welding goggles with proper lenses that filter out the injurious radiant energy that is produced by oxyacetylene welding and cutting must be worn by the welder, his/her helper, and anyone who may be watching the operation.
- Welding helmets must be used when doing any arc welding. For heavy gas cutting, use goggles.
- Do not watch any welding or cutting without the proper shaded goggles or helmet.

Foot Protection

Strong, well-soled shoes should be worn by all employees. You will not be permitted to work with shoes which have worn-out soles or are of such construction or material that they are not suited for the work being done.

Hand Protection

- Wear proper gloves when handling hot, jagged, or sharp materials, wood, or acid.
- It is not advisable to wear rings, watches, or other jewelry during the performance of mechanical and/or electrical work.
- Gloves around moving machinery are dangerous and forbidden.
- Rubber gloves should be used by employees cleaning parts with cleaning solvents. (Solvents wash the protective skin oils away).
- Gauntlet gloves will be worn by welders when arc welding or cutting.

Respiratory Protection

Employees will wear a cartridge-type respirator when spray painting, fine sanding, sandblasting or working in the same area of someone doing this work, and in any other designated area.

Clothing and Other Protection

- Employees shall be suitably clothed for their work. Loose or torn clothing, neckties, dangling sleeves, gloves, suspenders, or unbuttoned jumpers must not be worn

when working around moving parts. Sleeves of all clothing must be rolled up or kept buttoned. Shirt-tails must be tucked inside the trousers

- Grease or oil-soaked clothing should not be worn. This is not only for appearances, but also for safety. Exchange soiled uniforms as soon as possible.
- Shop employees must wear shirts, long pants and safety footwear.
- Avoid wearing jewelry while on the job. Chains, rings, watches, and bracelets can get caught in machinery
- When vehicle fuel, cleaning solvents, or chemicals are spilled on clothing, wipe off immediately and, if excessive, change clothing.

HOUSEKEEPING: Every Employee's Responsibility

- Walks, aisles, exit, and stairways shall be kept clean and clear of debris at all times. If it is necessary to obstruct a passageway, barricades shall be erected. Access to fire equipment and electrical panels must be kept clear.
- Pick up dropped items immediately; even a paper clip, thumb tack, penny, or a small screw can cause a very dangerous fall.
- Nails should never be left protruding from boards or walls where they may cause personal injury. They should be bent flat or removed entirely.
- Tools, pieces of equipment, scrap and refuse shall be removed from the floors **immediately after completion of work.**
- Keep tools in chests, drawers, cabinets, or on convenient racks when not in use. Hooks on racks or cabinets should be inspected frequently and replaced as they become unsafe.
- Stored material should be piled securely and equally so the piles are not top heavy. Material should not project into aisles. Floors and storage racks must not be overlooked.
- Employees **must** wipe up all spillage **immediately** to prevent fires, falls, and slips. Industrial towels/rags, and oil absorbent compound should be used to soak up and wipe oil, grease, or other slippery spillage from the floor. Dirty towels/rags must be deposited in metal containers provided.
- Scrap boxes shall be provided for broken glass, metal, scrap, etc. Lighting - poor vision can cause nasty accidents. Report all necessary bulb replacement immediately. *Stairways and aisle ways must be well lighted.*
- Each employee is responsible for the neatness and "Orderliness of his/her immediate work area.
- Report loose flooring, smooth step edges, loose handrails and holes to your supervisor as you notice them.

MACHINES

General Safety Rules

- Workers must wear safety goggles or face shields at all times when operating a machine.
- Never use hands to shift belts in motion.
- All shafting, wheels, gears, belts, and other moving parts of a machine for which guards have been provided must be kept guarded while the machine is operated. Never operate a machine from which the guard has been removed.
- Never start a machine until it is certain the piece to be worked on is firmly secured and everything is clear.
- Never leave a machine running unattended.
- A machine must never be operated by anyone except those who are properly authorized.
- Chucks are to be turned one full revolution by hand before power is applied. Make sure chuck wrench is removed.

Grinders and Buffers

- Clearance between wheel and work rest should not exceed 1/8". Do not try to change a work rest when wheel is in motion.
- Supervisors shall make periodic inspections of grinder Wheels, rests, guards, and glass shields.
- Never grind on the flat side of a wheel, and always take special care to avoid striking the side of the wheel with a heavy object.
- Never buff a piece of material from the lower half of the wheel because the piece may catch and pull your hands into the wheel.

Presses and Shearing Machines

- Press operators must use a stick or tool provided for the purpose of disengaging stuck work. Do not use fingers.
- Hammers and dies must be in good condition and properly fastened before using the machine.
- Always place a substantial timber under the hammer, shear, or punch when changing dies or making repairs. In all cases, block the treadle to prevent accidental tripping.

Drill Presses

- Oversized bits should not be ground down to fit smaller chucks. A proper adapter should be used.
- Small pieces of work must be clamped down to prevent their movement.

PORTABLE POWER TOOLS

General Rules

- Extension cords and air hoses must be kept clear of aisles and walkways as much as possible.
- All portable tools must have a safety switch on them which cuts off power if the tool is dropped.
- Ensure you only use appropriate attachments and accessories for the tool. All attachments, fittings, hoses and accessories must be properly rated for use on the tool (i.e.: sanding, cutting and grinding wheels).
- Do not remove manufacturer's guards.
- Use drill stops to prevent the drill from penetrating beyond the depth needed or into wires or conduit.
- All electrical tools must have a ground wire which must be connected to a ground when the tool is in use.
- Chuck keys or adjusting wrenches must not be attached to electrically or air operated power tools. They may be attached to the electrical cord or air hose 18" or more away from the tool. Power cord or air hose shall be disconnected when changing tools or bit.
- No fuses, automatic cutouts, switches, or other devices should be inserted in a grounding line.
- The continuity of the grounding circuit should be checked periodically.

Ladders

- Always make sure that both side rails of a ladder have secure footing. If there is danger of slipping, or if you have to climb fairly high, securely fasten the ladder or have someone hold it for you.
- Ladders should always be placed in position at the proper angle. The base of the ladder should be out 1/4" of the vertical distance to the point of support, unless braced, fastened, or held to prevent slipping.
- Do not place a ladder in front of a door which opens toward the ladder unless the door is opened, locked or guarded.
- Always face the ladder when ascending or descending. Take each step in order with both hands on the side rails. If material needs to be handled, use a rope.
- Do not use ladders with cracked rails or broken or missing rungs. Withdraw the ladder from service and mark as "Dangerous, Do Not Use", then send it to the shop for repair.
- Do not paint ladders except for the yearly inspection color code. Do not climb on shelving, supplies, or any other makeshift item to get into or up to something. Use a ladder!

Scaffolds

- Thoroughly inspect each scaffold component before using it to make certain there are not bad welds, boards, etc., which could impair its strength.
- Do not overload scaffolds.
- Make sure scaffold legs rest on a firm foundation. Use base plates when necessary. Keep scaffolding level.
- Planking should have at least 12" overlap. Cleats should be used to prevent planking from slipping. Toe boards and guardrails should be used to prevent materials and employees from falling.
- The area below scaffolding must be roped off and kept clear. Warning signs should be used.
- When a plank is used as a scaffold between two ladders or other elevated structures, the plank should be level and securely locked to prevent creeping.
- A rolling tower or scaffold must have brakes which lock the caster wheels as well as the swivel.
- When moving a rolling tower, make sure that sufficient help is used to assure proper direction and to prevent tipping. Each time a scaffold is moved, be sure that the wheels are reclamped.
- When the height of a scaffold exceeds three times the narrower base dimension, it should be guyed or fastened in some way to prevent tipping.
- Caution should be taken while working on the top of a bus. Care should be taken to watch footing.

MATERIAL HANDLING TOOLS

Hand Trucks

- Keep load as low and up front as possible.
- Make sure that the load is secure and does not obstruct vision.
- Never walk backwards with a hand truck.
- On an incline, keep the truck ahead of you when going down, and behind you when going up.

Forklift Operation

- All forklift operators must be properly trained and licensed/certified for the use of the forklift.
- Maintain safe speeds.
- Slow down at intersections, doorways, and blind corners. Use horn only when necessary.
- Never overload a truck so that the view is obstructed.
- Always have the truck in control so that an emergency stop can be made within the clear distance ahead.
- Always drive in the reverse position when going any great distance.
- The fork height should be at a safe position off the ground when in moving operation.
- Park the truck in designated areas only (never in aisles, doorways, or work areas) and lower forks to the ground.
- Never carry passengers.
- **Note:** See section on *Moving Vehicles* for additional information on operating moving vehicles.

Hoists*

- Defective ropes, chains, hooks, or any other defective part of the hoists must be promptly reported to the supervisor. Defective slings and hoisting appliances must not be used.
- Load limits shall be posted on each hoist.

Jacks*

- The use of jack stands is mandatory whenever a vehicle is off the ground.
- Defective jacks are not to be used. Unsafe jacks must be reported to the supervisor and sent in for repairs. At no time shall a jack be overloaded.
- When using a jack, always grip the handle firmly and keep your body and head clear of the handle.
- Remove all handles from jacks when not in use.

- When raising any part of a vehicle with jacks, secure the vehicle against movement with blocks and hand brake. When more than one jack is used, the lift should be even.
- Jacks, handles, crowbars, and blocking must be returned to their proper storage place as soon as they have served their purpose.
- Defective (splintered or rounded) blocking shall not be used.
- When maintaining a load in a raised position, relieve the strain on the jacks by lowering vehicle on jack stands.
- When- a man is working under a vehicle that is blocked up, men working on top of the bus must not work in a manner that may jar the vehicle off the blocks or jacks.
- **Caution:** No one should work under any vehicle unless supported by jack stands. Do not attempt to work under a vehicle without first blocking the wheels.

** Jacks, Hoists and Vehicle Lifts shall be inspected and recertified annually.*

Chains, Ropes, Cables, Slings, and Hooks

Particular care must be exercised when using these materials. Some precautions to be taken are:

- Never overload, twist, kink, or drag a chain, rope, cable, or sling.
- Never cross or fasten a chain or rope over sharp corners.
- Never apply sudden loads to any chain or rope.
- Never hammer a chain or hook into place.
- Never use a chain at small angles or allow a load to rest on a chain.
- Don't carry a load on the point of a hook.
- Don't tip or tumble loads with chains.
- Never use a chain with stretched or still links. Don't take chances when a chain or cable looks unsafe; notify the supervisor immediately.
- Never carry an unbalanced load.
- Chains shall be inspected annually and tagged showing maximum load capacity and date of last inspection.
- Bolts shall not be used to shorten or join chains. All chains shall have hooks and eyes.
- Wire rope should be lubricated at regular intervals to prevent rust and excessive wear.

HAND TOOLS

Employees should report all unsafe tools or lack of proper tools to their supervisor.

General Rules

- All tools should have proper sized, tight fitting handles which are free of splinters. Tools with cracked, missing, or loose handles should not be used. Taping or wiring of handles is not allowed.
- Pointed or sharp tools when in transit, or not in use, must be kept in toolboxes or holders which fully protect the edges or points.
- Do not use dull tools; keep them sharp.
- Never strike or pull sharp tools toward your body.
- Never apply excessive force in such a manner that would cause you injury if the resistance were suddenly released.

Shock Tools

Metal cold chisels, drifts, punches, hammers, wedges, and sledge hammers.

- If heads are mushroomed, do not use - have them redressed or safe-ended.
- Do not use a steel hammer on hardened metal surfaces.
- Do not attempt to re-temper or re-harden heat-treated tools - send them to the shop.
- When swinging a sledge hammer or axe, make sure you have a clear circle in which to swing. Warn nearby workers not to get in the way. Do not wear gloves when swinging a sledge hammer or an axe. A person holding a tool which is to be pounded on by other tools must use proper holding tongs or other devices to keep him/herself clear and safe.
- Copper or lead hammers must be used when striking tempered pins, castings, or tools. Never strike two hardened tools together.
- Whenever possible, hold a chisel in the hollow of the hand with the palm up. If the hammer glances, it will strike the soft palm instead of the knuckles.
- When chipping or shearing with a chisel, warn others in your area to wear their safety glasses.

Brittle Tools

Files and drills

- Must not be hammered on, bent, or used as a pry,
- Do not clean a file or a drill by striking it against a steel or hard object. Use a file card or wire brush to remove the metal shavings.

Pliers and Wrenches

- Use the correct wrench for the bolt or nut being worked on and make sure you have secure footing and a firm hold on the wrench before applying pressure. Pull wrench when possible, do not push.

- When using an adjustable wrench, pull when the adjustable jaw faces you. Push when fixed jaw faces you. This insures proper locking of the wrench onto the nut or pipe.
- Do not use wrenches or pliers as hammers. Do not use pliers as wrenches.
- Electricians must use properly insulated pliers.

Screwdrivers

- Do not use a screwdriver as a punch, wedge, pinch bar, or prybar.
- Do not use a screwdriver with rounded or bent tips.
- Electricians must use properly insulated screwdrivers.
- Do not apply a screwdriver to objects held in your hand.
- Always use the proper size screwdriver for the screw or bolt being used.

Proper Tool Maintenance

- Use a file instead of an abrasive wheel to repair a screwdriver tip. (The temper is maintained.)
- Shock tools - all edges of the striking heads of hammers and chisels and pins should be either dressed or safe-ended to prevent mushrooming or spalding.
- Employees should not use an unsafe tool at anytime. Employees are responsible for returning broken or damaged tools to the tool room for repairs.

SPECIFIC OPERATIONS

General Tire Work Rules

- Do not perform tire operations until you have been properly trained on the safe operating procedures
- Tires, rims, lock rings, and wheel nuts should be frequently inspected in service.
- Always store tires with the lock ringside of the wheel facing the wall.

Changing Tires

- Before attempting to loosen wheel nuts, note the wheel and lock ring condition. Remove the valve core to deflate any tire with a damaged rim or lock ring before taking the wheel nuts off.
- A damaged rim or lock ring may not be noticed on a rear tire until the tire is off the bus. In cases like this, turn the wheel so the lock ring faces away from you, then remove the valve core from the back side of the tire.
- There are many different types of wheels on our buses. Each wheel type has a different dish size or mounting. When changing a tire, take extreme care to make sure that the correct wheel and tire assembly is put back on.
- Vehicles must always be blocked or set so that they cannot be moved while a tire is changed.
- Never strain or fight a tire. Use only proper tire changing tools when repairing tires to avoid injury.
- Never inflate a tire that has run flat. Remove, inspect, and repair it if possible.
- Dual wheels - the inside tire must always be installed so the valve stem is easily accessible.
- Tires must only be inflated in an approved tire cage. When inflating tires, use a sufficient length of hose between the clip-on chuck and the inline valve to allow the employee to stand outside the trajectory.

Mounting and Dismounting Tires on Wheels

- NO mounting and/or dismounting of multi-piece rim wheels are to be performed by MV employees
- Do not attempt any tire repair work until you have read the wall chart on safe operating procedures for mounting and dismounting bus tires.
- Before assembly, wheels and lock rings should be thoroughly cleaned and inspected. Worn, cracked, or bent parts must not be used.
- Excessive pressure should not be exerted or unnecessary hammering done when removing or installing lock rings. Bent rims or lock rings will not fit properly.
- Never try to straighten or rebend a bent or distorted lock ring.
- When mounting tires, make sure that the lock ring is secure. Put the tire into the tire inflation cage or see that safety bar is securely fastened. Inflate until both bead rings make full contact with the rim; then allow the air to escape. Install valve core and fill

to proper pressure. Tap the lock ring as necessary to make it seat properly. **DO NOT** over inflate the tire.

Welding, Heating, or Cutting Operations

- No persons except those properly qualified shall use the gas or arc welding equipment.
- Approved welding goggles, gloves, and other safety equipment must be used. Clothing should be grease and oil free and be fastened at the neck, wrists, and ankles. Low cut shoes shall not be worn.
- All gas welding equipment must have safe hoses with "safety" valves located on the tank to prevent possible flashback. All hoses and regulators shall be free from grease and oil.
- Bystanders shall not be permitted to watch welding and cutting without protective equipment.
- Whenever welding at an elevated height, take precautions to prevent hot material or sparks from falling on people or on inflammable material.
- Whenever possible, barriers shall be used when arc welding is done to protect other workers from the ultra violet rays.
- Hot material must be marked "Hot" or allowed to cool before being left unguarded.
- Care must be taken when heating or burning pipes or tubes. The ends of the pipes must be directed away from fellow employees. Proper ventilation must be secured when brazing, soldering, cutting, or welding on any material metals which produce harmful gases. Fumes of hot metal or acid should be avoided as much as possible. Extreme caution must be exercised when electric welding to avoid accidental grounding of the electrode. When the arc welder is not in use, the main switch should be off.
- When welding is done in a confined place, an attendant shall be stationed at the arc welder switch.
- Welding shall be permitted only when proper precautions are taken.

Material Handling: Lifting and Carrying

- Do not attempt to lift a heavy load beyond your lifting capacity. Get help for heavy lifts and use hand trucks, cranes, jacks, drum dollies or other hoisting / material handling equipment whenever practicable or required.
- Lifting on a dare, testing strength, and similar horseplay are prohibited.

Proper methods of lifting heavy loads are:

- Consider the size, weight, and shape of the object to be carried. Never lift more than you can handle comfortably.
- Get the center of the weight as high as possible. If a sack, stand it up. If a box, stand it on a corner.
- Set your feet solidly for good balance and stability.
- Get as close to the object as possible. Bend the legs about 90 degrees at the knees. Do not fully squat; it will take twice as much effort to straighten up if you do.

- Keep the back as straight as possible. It does not have to be vertical, but it should not be bent.
- Get a firm grip on the object. Straighten the legs to lift the object, and at the same time, swing the back into a vertical position.
- If you have to turn, turn on your feet, not at your hips or shoulders.
- Never carry a load which obstructs the view ahead.
- Do not carry heavy loads in dark areas or where the footing is uncertain.
- Do not try to lift on oily or slippery floors. Use sand or other material to insure good footing, first.
- Always inspect materials for slivers, jagged edges, burrs, rough or slippery surfaces before handling.
- Keep fingers away from pinch points when setting materials down.
- Wear gloves when material is hazardous or rough.
- Handling Specific Shapes:
 - (1) Boxes, bags, and sacks - grasp at opposite top and bottom corners and draw a corner between the legs.
 - (2) Drums and barrels - two-man operation - make sure there is enough room to perform the upending or overturning operation. Working in cramped quarters can result in badly injured hands. Use a drum-dolly whenever possible.
 - (3) Long items such as pipes or ladders should be carried over the shoulder with the front end held as high as possible to prevent striking other employees. When necessary, two people should carry such items.

Material Handling: Hazardous Material

- Acids and Caustics
 - (1) Don't store acids or caustics in glass or other containers near heat or steam pipes, or in direct sunlight. Expansion in the containers due to the heat may cause a fire or explosion.
 - (2) Rubber gloves, aprons, boots, and a face shield shall be worn when handling acids or caustics.
 - (3) Drums or containers should be emptied by gravity only.
 - (4) Acid or caustic carboys should not be moved unless they are securely sealed and wired.
 - (5) Never pour water on top of acid. The acid should be added to water in small quantities.
 - (6) When acid gets on any part of the body, including the eyes, flush immediately with plenty of water.
- Gas Cylinders
 - (1) Compressed gas cylinders should be stored on end on a smooth floor and chained or fastened firmly against a wall post or other solid object.
 - (2) Do not store cylinders in or near heavy traffic areas.
 - (3) Gas cylinders must be rolled, not dragged, on the bottom edge when moved.
- Volatile Petroleum Products

- (1) The use of gasoline or diesel for cleaning parts is prohibited.
- (2) Smoking is prohibited in shops, around vehicles, near gas pumps, cans, tanks, or when near anyone pouring or working with gas or flammable material.
- (3) Never fill a tank on a vehicle when the motor is running.
- (4) Only approved safety cans are to be used for handling, storing, or transporting gasoline, kerosene, or diesel fuel.
- (5) Clean up spilled gasoline quickly. If gas gets into the drainage system, notify the Fire Dept. so sewers can be flushed. Gasoline vapors collect in low spots such as pits, sumps, and basements. Care should be taken to keep these areas ventilated when vapors are present.
- (6) Always keep alcohol, grease, gas, and oil in fireproof rooms except for a small working supply.
- (7) When dispensing flammable liquids with a transfer pump or faucet from a drum or a bus or car, use a ground wire and clamps to ground the drum to the vehicle being filled to prevent a static discharge from occurring.
- (8) Always keep the metal fuel nozzle of the hose in contact with tank while the fuel is flowing to prevent any static discharge from igniting vapors.

Moving Vehicles

- ONLY authorized personnel shall drive company vehicles.
- Do not carry passengers unless the conduct of the company's business demands it.
- When driving company owned vehicles on a street or highway, obey all rules of the road. Buses and miscellaneous vehicles are not to be moved except by those specifically authorized to do this work.
- No bus, van, or car shall be moved until it is determined that no one is working on the vehicle.
- Beep the horn loudly; then wait a few seconds before starting and moving the bus. Air pressure must be 100 PSI prior to moving vehicle equipped with air brakes.
- A complete safety stop must be made before a vehicle is moved by or through any door, post, wall or other objects which may obstruct your view. A warning signal shall be given before moving forward. Make sure garage doors are fully open before driving through.
- No buses are to be pushed with pickup trucks or trucks other than tow trucks. **At no time should you push a bus with another bus.** Always turn the ignition off when fueling.
- Whenever a driver leaves a vehicle, the engine must be stopped, the gears in neutral, the switches off, and the parking brake set. If it is necessary to leave the engine running to make repairs, the gears must be in neutral and the parking brake set.
- Before starting any vehicle, make sure the shift is in neutral and the parking brake is set.
- State law requires all buses to stop at all railroad crossings, unless the crossing is controlled by a traffic light or traffic officer.
- Obey all speed limits and drive according to the conditions of the road and weather.

Battery Safety

- Before attempting to lift a battery, make sure the battery handles are secure. If the battery is too bulky for one person to lift and carry, get help and/or use a battery cart.
- Do not wear rings or wrist watches when working around batteries. Safety glasses must be worn when working with batteries.
- Avoid getting battery corrosion or acid on the skin or in the eyes. Acid burns should be flushed immediately with water. After flushing, baking soda (sodium bicarbonate) should be placed on the affected skin.
- Open flames or smoking shall not be permitted in the battery area.
- Only the battery attendants or those assigned to work on batteries are allowed in the battery area. No one except authorized personnel shall be allowed to connect or disconnect a battery on charge.
- Batteries should only be charged in an area with proper ventilation. Batteries with loose or broken posts must not be used.
- When installing a battery, make sure all switches in the vehicle are off. Take care not to cross wires. **Disconnect ground cable first, and reconnect it last.**
- Never check a battery by arcing across posts with pliers or steel prods.
- When using jumper cables to start a vehicle, make sure of the polarity of both batteries (positive to positive, negative to vehicle frame) are matching when hooking up the cables.
- Batteries must be stored off the ground at all times (battery pallet is preferred)

Working In, On, Behind, or Under Vehicles

- Lock-out/Tag-Out steering wheel covers will be used at all times when working on a vehicle. No one shall work under a vehicle or on the motor of a vehicle without taking the necessary precautions to prevent the engine from being started and the vehicle from being accidentally moved.
- Disconnect the battery ground cables when working on the engine, transmission, starter, generator, or other parts where injury may occur if the engine is turned over.
- Engine exhaust pipes must be connected to the exhaust ventilating system when engine tune-ups or checks are made. No bus engine shall be run in the shops or garage for more than one minute without the exhaust system being connected, except when building air to move the bus out.
- Apply a battery cable guard (short piece of rubber hose over cable ends) when batteries are disconnected but not removed.
- Never use a torch or flame to thaw out frozen air tanks or lines.
- Use an electric heat gun or allow the bus to stand inside and thaw itself out.

Pressurized Fluids or Compressed Air

- When testing or working with diesel engine fuel injectors, keep fingers and hands away from oil stream and spray tip. The high velocity could penetrate the skin and cause blood poisoning.
- Compressed air shall never be directed toward the body or clothing. Forty pounds of pressure can kill.

- When blowing off dirt from material, always direct the force of air in such a manner as to avoid blowing the dirt on fellow workmen. If this is unavoidable, warn everyone away from the immediate vicinity.
- Air hose valves shall be turned off at the feeder line connection when air is not being used.
- Scuffling with compressed air is prohibited.
- If it is necessary to test tanks, cans, radiators, or other similar parts for leaks with compressed air, the pressure used must be of known, low, safe pressure with an air gauge and a properly adjusted reducer or safety valve in the air line.
- Proper air hose fittings should be used on all hose ends.
- Anyone cleaning engines, bus chassis, or parts with pressurized cleaning sprays must wear safety goggles, boots, and aprons. Use only OSHA approved gun with proper air pressure.

Painting

- Only use automotive paint products that allow the use of charcoal cartridge air respirators/purifiers and **do not** require “positive air flow / forced fresh air flow” respirators – information on proper PPE/respirator type is found on the product’s MSDS sheet.
- Painters shall wear properly rated cartridge type respirators when spray painting. Employees working in immediate vicinity shall wear them, also. There is to be no spraying during the movement of vehicles in and out of the spray room/areas.
- Paint limit – recommended 2 pints max (0.25gls) per day (approximately the quantity of 2 aerosol cans).
- Use only “Single Stage” paint (meaning the paint product does not require a separate clear coat application)
- Paint only in well ventilated areas or outdoors (if indoors, try to paint only at night or after-hours to limit exposure to other employees)
- Use only “low velocity” spray nozzles or aerosol cans
- Maximum paint area: Only perform in-house paint repairs if the area to be painted is not larger than 162 square inches (18” x 9”), or roughly the area that can be covered by two “adult male” hands.
- No painting shall be done on the inside of the bus while it is being sprayed on the outside.
- Electric wires are to be left alone by painter unless supervisor has determined that they are dead.
- Each worker must know the danger of lead poisoning existing in certain kinds of paint. The Industrial Commission recommends the following steps to be taken to avoid this danger.
 - Do not put fingers in the mouth or eat food while working.
 - Before eating and before leaving work, wash face, hands, and arms with soap, and thoroughly cleanse the nose and mouth: Do not eat lunch in the same room where lead paint is handled.
 - Do not go to work with an empty stomach.
 - Keep fingernails cut short and clean.

- Do not chew tobacco while at work.

Servicing and Cleaning Buses

- See "Moving Vehicles".
- Personnel who are servicing buses must wear shoes without metal cleats, so as not to damage the flooring.
- When checking water level, take extreme care when opening the filler spout, as follows:
 - Push pressure relief valve to release pressure.
 - Stand back and keep face away from opening when releasing filler cap. Report all caps and relief valves which do not work properly.
- When cleaning or servicing a bus, report all defects immediately to the supervisor.
- Use windshield wipers when driving a bus through a washer.
- Always wear proper PPE when cleaning/servicing buses (gloves / eye protection)

Electrical Equipment

- Only qualified workman shall work on live electrical lines. Never work on a live line unless absolutely necessary.
- When opening switches, cutouts, or clamps on a live line, use approved insulated tools.
- When connecting equipment to a live line, make the live connection last.

Light Bulbs

- When removing light bulbs which have become stuck in the socket, use bulb pliers, rag, or glove to avoid cuts if glass should break.
- Burned out bulbs must not be dropped or broken.,
- Burned out fluorescent tubes should only be replaced by authorized persons. The tubes should be put in the box provided so the trash man can easily dispose of them.

FIRE AND FIRE HAZARDS

Every ordinary fire depends upon three components for its existence: air, heat and fuel. Prevention of fires depends upon the elimination of one or more of these components.

Fire Fighting

When an employee discovers a fire, he/she should do the following two things:

- Turn in the alarm - regardless of the size of the fire. Do not attempt to fight a fire before turning in an alarm. The locations of city fire alarm boxes or other alarm equipment and/or telephone numbers should be memorized.
- Attempt to extinguish the fire after turning in the alarm by using the proper extinguisher.
 - Class A Extinguishers - use on wood, paper, rubber, and any ordinary combustibles of similar nature where a quench cooling effect is required.
 - Class B Extinguishers - flammable liquids, bases, and greases where an oxygen exclusion of flame interruption effect is essential.
 - Class C Extinguishers - electrical equipment and wiring where the di-electric conductivity of the extinguishing is of importance.
 - Class D Extinguishers -combustible metals.

In case of fire, all employees must:

- Stop work immediately upon hearing the fire signal.
- Listen for the location of the fire.
- Use proper fire extinguisher on the fire; don't use the wrong type of extinguisher on a fire.
- Avoid smoke inhalation.
- After a fire, return all firefighting equipment to its proper position or holder. If a seal on an extinguisher is broken, notify the supervisor. He will see that it is inspected and recharged.

General Fire Safety Rules

- Oil and oily waste rags shall be kept off the floor. Dirty rags and wiping towels shall be deposited in the approved self-closing metal containers.
- Flammable liquids shall be kept only in approved closed containers.
- Keep grease and oil and other flammable liquids in fireproof rooms except for small working supplies.
- Only vapor-proof lamps are to be used in the enclosures where volatile petroleum products are stored.
- Warning signs shall be posted at all entrances to fireproof rooms where flammable liquids are stored and all paint spray rooms.
- All vent and fill openings on gasoline storage tanks should be equipped with flameproof double screen fittings.
- Gasoline in a tank shall never be gauged by a metal stick. Always use wooden sticks.

- Gasoline must never be used as a cleaning solution for any reason. Never switch a flashlight on or off near a gasoline tank opening or whenever gasoline vapors are present.
- Open flames or hot objects are prohibited in the vicinity where oil or other flammable liquids are handled. "No Smoking" rules as applied to various divisions must be observed.
- Avoid static sparks when transferring gasoline or other volatile fluids from one container to another by bonding both containers.
- Fire doors and their mechanisms shall never be locked. Passageways to fire - fighting equipment must be kept open at all times.
- Employees shall familiarize themselves with the locations, types, and use of various fire extinguishers.
- After being used, fire extinguishers shall be checked, refilled, resealed and returned to their hangers promptly.
- Firefighting equipment must never be used for any other purposes. All possible fire hazards should be reported to the supervisor as soon as they are noticed.
- The nearest fire alarm station box and how to use it should be known by every worker.
- Lockers and tool chests shall be kept clean and free of flammable material. Oily clothes must be **hung** in ventilated lockers, **NOT** thrown on the bottom.
- Fire extinguishers shall be hydrostatically tested periodically (every five years).

BUS SECURITY

Bus security begins with you – your knowledge and your best judgment. Being able to define and identify security threats and incidents will help you distinguish between a prank and an actual emergency, and help you determine the appropriate course of action. Maintain a high level of awareness at all times. Monitor and observe people, events, activities and items around you and take careful note of irregular and/or suspicious behaviors or happenings. If it looks out of place, question it...

Look for people who:

- Are not where they are supposed to be (restricted or employee-only areas)
- Look lost and /or wandering around – especially at the bus yard, parking and maintenance areas
- Appear to be conducting surveillance (a bus maintenance facility is not a tourist attraction...)
- Cause disruptions or intentionally distracting behaviors
- Abandon an item and leave the area quickly
- Openly possess a weapon and /or prohibited or dangerous item(s) and/or
- Use a vehicle in a suspicious way (illegally parked against a building, erratic driving, following, etc.)

Look for items and/or devices that:

- Were abandoned by someone and left in the open
- Were abandoned and hidden/concealed
- Do not belong where they are located
- Appear to be suspicious or dangerous, such as a canister, tank, metal box, bottle, etc.
- Have an attached message
- Appear to be emitting a vapor, mist, gas, or odor
- Seem to have seepage or leakage of a suspicious / unknown substance
- Are connected to wires, timers, tanks or bottles and/or
- Appear to be the source of a foreign substance that is causing people to cough, have trouble breathing, feel nausea, lose consciousness, or exhibit any other medical condition/symptom.

If you encounter any of the suspicious activities or items listed above, notify your supervisor or manager immediately.

OSHA Regulations and Frequent Violations

OSHA stands for Occupational Safety and Health Administration. OSHA's whole reason for being is to ensure your health and safety on the job. Every single rule and regulation was created for that purpose.

Now, the main responsibility for OSHA compliance falls on employers. But they can't do it without employees. If you don't understand what's safe and what's not and don't play an active role in following the safety programs and procedures the government and the company have established, all the time, money, and effort that go into these programs will be for nothing.

In addition, you are often in the best position to notice if a safety regulation is not being met. When a system malfunctions, when information is missing, when a machine or tool isn't working right or isn't properly guarded, it's up to you to report it immediately so that safety and OSHA compliance can be maintained.

Identifying Hazards

A key part of your safety responsibility is:

- Know what constitutes a safety hazard.
- Be on the lookout for safety hazards.
- Correct or report safety hazards immediately.

Our training and safety meetings educate all of us on what constitutes a safety hazard. You can also obtain information from sources like labels and material safety data sheets however a lot of your hazard knowledge is the result of your experience, instinct, and common sense. If you see a tool that isn't working right, smell a peculiar odor, or notice materials piled up in a blind corner, you know it's a safety hazard even if it isn't something you've specifically covered in training or in a safety meeting.

Let's think for a minute about the kinds of conditions that could be hazardous and the kinds of questions you should ask as you plan and execute your jobs.

- Is there an opportunity of a person, equipment, or materials getting caught in or between objects?
- Is there a danger of falling, tripping, or slipping?
- Is there a chance of being hit by or against an object?
- Are there materials around that could burn or explode?
- Are there materials that could create health hazards?
- Is there a danger of electrical overload?
- Are emergency exits blocked or is emergency equipment out of commission?
- Are there unlabeled substances in the work area?

These are the kinds of questions you should be asking, in your head, all the time and if the answers you get are answers that spell danger, you have to take the next step: Either correct the problem if you can or report it to Division Management Team immediately so that it can be corrected.

Safety Procedures

Hazard identification is very important, but it's just one of your safety responsibilities. Let's look at the others.

- Know and use safe work procedures. The training you receive gives you the information and equipment you need to work safely. It is your responsibility, legally and as a matter of plain common sense, to make use of what you know.
- Avoid obvious unsafe acts—things like running through the work area or horseplay that jeopardize safety.
- Keep the work area clean and uncluttered. It's up to you to see that your work area isn't going to cause an accident. That means leaving aisles and stairways clear, cleaning up spills, properly disposing of flammable scrap—eliminating any items or conditions that could create a hazard.
- Report accidents, injuries, illnesses, exposures to hazardous substances, and near misses to Division Management Team immediately.
- OSHA requires the company to record and report any incident that results in death, lost work time, transfer to another job or termination of employment, need for medical treatment, loss of consciousness, or restriction of work or movement.
- Our requirements go beyond those listed by OSHA. Near misses are especially important. When we know about them, we can do something about the circumstances that created them before anything serious happens. We may have to replace or repair equipment, redesign a process, provide additional training, etc. But we can't do it if we are unaware of the problem.
- Report things that don't seem right even if you are unsure they're hazards. This is especially important if you're working with hazardous chemicals, where symptoms that appear to be minor like a headache or red skin may be the first indicator of overexposure. We don't want to take any chances, and neither should you. This is a real example of "Better safe than sorry."
- Cooperate with internal inspections and job hazard analyses. We conduct these as a part of our program to keep this a safe workplace. They're to your benefit and we need your help.
- Follow company safety rules. They're not just made up out of thin air. These rules result from a combination of government laws and regulations and the experience of many people in this company and this industry. It's been determined that they help employees perform their jobs in a safe and healthy way.
- Look for ways to make the job safer. There is always room for improvement, and the people who are on the front lines, like you, are often the ones who see gaps in the procedures or figure out a better way to do things. We want you to help us improve safety by letting us hear your observations and suggestions.
- Participate in safety training. That doesn't just mean showing up. It means paying attention, playing a role in discussions and practice sessions, reading materials, and asking questions. It means applying what you've learned on the job, and helping other workers when they're unsure of what to do.
- Treat safety as one of your most important job responsibilities. Your job is not only to perform particular tasks and get particular results: it's to do those things safely. We really mean that. The safe way is, in the long run and sometimes even the short

run, the most efficient and most effective way to get the job done. What, after all, could be more inefficient than a job that results in injury or illness, fire or explosion?

Summary

A safe workplace is a combination of the efforts of management, supervisors, and employees. No one group can do it alone, but together we can create an environment that doesn't hold a potential accident or illness around every corner.

There's no way to absolutely guarantee safety every moment of every day, on the job or off it however a combination of training and experience makes it relatively easy to identify on-the-job hazards and protect ourselves from the dangers.

Because you're on the floor, working with the equipment, materials, procedures, and protections, you're in the best position to see that they really do promote safety—and to do something about it if they don't.

OSHA 300**Requirements**

The Division Maintenance Staff shall support the Division Safety Staff in compliance with its requirements for maintaining a current and accurate OSHA 300 LOG as well as all other safety related records required by any government agency, customer or the Company.

The OSHA law requires most employers with 10 or more full-time employees to keep a yearly log of all work-related injuries and illnesses. This is the OSHA Log of Injuries and Illnesses, or the OSHA Form 300.

OSHA Form 300A (Annual Summary)

MV as an employer is responsible for preparing an annual summary of injuries and illnesses that occurred during the calendar year. The annual summary, OSHA form 300A, displays the totals from columns G through M of OSHA log 300. The summary also displays the calendar year covered, company name and address, annual average number of employees and total hours worked by all employees covered by the OSHA 300 log. Form 300A is a separate form and does not display any personal information, as shown on OSHA log 300. Form 300A also makes it easier to calculate incident rates. The annual summary must be:

- Posted by February 1 and remain posted until April 30th
- Posted in areas where other notices are normally placed
- Certified (signed) by a company executive, stating that the information is correct and complete to the best of the employer's ability
- Retained for five years following the calendar year to which they relate

If no cases are recorded during a reporting period, a summary must still be posted. Zeros should be entered into all spaces provided on form 300A.

What Kinds Of Injuries Or Illnesses Should Be Reported On The Form?

Employers must record all new cases of work-related fatalities, injuries, and illnesses if they involve:

- death,
- days away from work,
- restricted work or transfer to another job,
- medical treatment beyond first aid,
- loss of consciousness,
- Or a significant injury or illness diagnosed by a physician or other licensed health care professional.

Each recordable injury or illness case must be recorded on the OSHA 300 Log and the Form 301 Incident Report within seven calendar days after the employer receives notice that the injury or illness occurred.

One of the most confusing aspects of recordkeeping is determining if an injury or illness is recordable, based upon first aid or medical treatment. The revised standard sets new definitions of medical treatment and first aid to simplify recording decisions.

Medical Treatment is defined as:

- Administering immunizations, such as Hepatitis B or rabies (does not include tetanus)
- Using wound closing devices, such as sutures, staples, etc.
- Using rigid means of support to immobilize parts of the body
- Physical therapy or chiropractic treatment

Medical Treatment does not include:

- Visits to a physician or other licensed health care professional solely for observation or counseling
- The conduct of diagnostic procedures, such as X-rays and blood tests, including the administration of prescription medications used solely for diagnostic purposes

First Aid is defined as:

- Using a nonprescription medication at nonprescription strength
- Administration of tetanus immunizations
- Cleaning, flushing or soaking wounds on the surface of the skin
- Use of wound coverings, such as bandages, Band-Aids®, gauze pads, etc.
- Application of hot or cold therapy
- Use of any non-rigid means of support, such as elastic bandages, wraps, non-rigid back belts, etc.
- Use of temporary immobilization devices while transporting an accident victim (e.g. splints, slings, neck collars, back boards, etc.)
- Drilling of a fingernail or toenail to relieve pressure, or draining fluid from a blister
- Use of eye patches
- Removal of foreign bodies from the eye using only irrigation or a cotton swab
- Removal of splinters or foreign material from areas other than the eye by irrigation, tweezers, cotton swabs or other simple means
- Use of finger guards
- Administration of massage
- Drinking fluids to relieve heat stress

This is a complete list of all treatments defined as first aid under the revised standard.

ACCIDENT REPORTING

Employee Injury Reporting Procedure Guide

Employee Notifies Management of an Injury (Immediately)

- Serious injuries requiring immediate medical attention need to be addressed first. (Call emergency response 911)
- Minor injuries not serious in nature, once reported are investigated, documented.

Medical Evaluation

Employee requests to see a doctor

- Transport employee to our clinic. Stay with employee through initial visit. Communicate to the clinic our investigation findings and any concerns.
- Ensure the clinic is aware of the physical requirements of the job and that we have TMW available. (Get a copy of any employee restrictions with details of TMW eligibility to the Risk Management upon return).
- Employee refuses medical aid
- Fill out Employee Incident Form and Refusal of Medical Treatment form, then forward to Risk Management for Record Only.

Drug Testing - Take the employee to clinic for testing

- Any medical treatment requires drug testing

Supervisor calls the Injury Hotline 1-800- 831-0294 (Immediately)

Gather completed incident reporting packet paperwork. Submit the employee injury reports to the Safety Manager for processing to Risk Management. The following forms must be faxed to Risk Management at 707-863-8167 within 12 hours (Keep a copy of the successful transmission receipt in the accident file)

- The Online Workers' Comp Submission Form (on portal)
- Employee Incident Report
- Initial Medical Reports
- Modified Duty Offer Letter
- Drug & Alcohol Test Results
- Accident/Police Report

Investigate the injury

- Document the facts Who, What , When, Where, Why
- Identify any injury witnesses and document their statements of the occurrence
- Take pictures of the injury scene and any material objects involved and forward to Risk Management

Ask questions in your investigation and document responses

- What was the employee doing just before the injury? Was it an unsafe action?
- Were they properly trained to do the work they got injured doing?

- Was the employee using any required PPE equipment?
- Was the employee on duty?
- What were the possible contributory causes of the injury?
- How could the injury have been avoided?

If Drive Cam equipped and the injury was recorded on Drive Cam, download and secure Drive Cam incident event.

ACCIDENT INVESTIGATION / JOB SAFETY ANALYSIS

Introduction/Overview

Our safety training, including safety meetings, usually focuses on known job hazards—especially those regulated by OSHA. We pay close attention to understanding the possible hazards and safety procedures for these tasks, equipment, or substances—and they deserve it.

There can be potential hazards in any task or even in the way we organize the workplace or the way we behave on the job. One way to call attention to these easy-to-miss risks and make sure that we don't ignore any safety or health hazards is to perform a job hazard analysis.

A job hazard analysis is a process where the management team work together to really analyze a particular job being conducted. Checklists are created to help take a close look at the conditions under which the job is performed. Then, again with the help of a checklist, break the job down into steps and examine each step for possible hazards. Next, look for ways to eliminate those hazards, either with safety equipment, by changing the way the job is performed, or by adding special precautions.

A job hazard analysis is not an evaluation of job performance, but of the possible hazards in the job itself. It's a good way to take a fresh look at what we do—and hopefully, find ways to keep ourselves safer and healthier.

General Hazards

When we think about which tasks we want to consider for job hazard analysis, we look first at the ones that have caused accidents and injuries. The more problems we've had, the higher on the list that job goes. Right after jobs that have actually led to reported accidents or injuries are those that have had "near misses." We want to find the problem before someone gets hurt.

Other good candidates for job hazard analysis are new tasks or processes or jobs where changes have been made in processes and procedures. Ideally, we'd like to conduct a job hazard analysis for every job we perform.

You can't set up hard and fast rules for the steps of a job hazard analysis, because every one—like every job—is different. But there are some basic steps to follow. Before you start going through the job itself step-by-step, it's usually a good idea to perform a pre-analysis check.

In a pre-analysis, we look for possible hazards in the general conditions under which you're performing the job. To do that, we create a checklist of questions to make us really look for potential hazards in the work area. We might ask questions like these:

- Is there adequate lighting?
- Could materials on the floor cause people to slip or trip?
- Are there exposed or live electrical wires?
- Are tools, machines, and other equipment in good repair?
- Do machines have guards in place?

- Are noise levels high enough to interfere with communication?
- Are fire alarms and portable extinguishers readily available?
- Are emergency exits clearly marked?
- Is personal protective equipment available, in good condition, and used when necessary?
- Have there been complaints of headaches, dizziness, or respiratory problems?
- Is the work area ventilated?
- Are chemical containers kept covered when not in use?
- Is the "no smoking" rule obeyed around flammables, open flames, or sparking tools?

Using a checklist of questions like these can often help call attention to hazards that don't register with us as we go about our work. The hazards may not relate to a specific job, but that doesn't mean they can't cause injuries or other serious problems. You don't want to wait till you trip over packing materials on the floor or can't find a fire extinguisher when you need one. Hazards like that have to be identified and fixed no matter what type of job you're doing and analyzing.

Identifying Hazards

Once general work area hazards have been studied and analyzed, the process moves on to taking a close look at the specific job you're doing. We break the job down into steps, including enough details to describe what you do—but not so many that you need pages and pages to say it.

When I say that we break the job down into steps, I mean every step that you follow. That includes inspecting and putting on protective clothing and equipment, organizing the work area, and setting up for the job. It includes the machinery and equipment you're using, the condition it's in, and the ways in which it's used.

The checklist would also cover the exact way you perform the job, literally step-by-step. It would list the parts and materials required, and how they're organized, located, and used. We'd note when equipment has to be shut down and how that's done. And we'd cover any potential hazards that are created while performing the job, such as dust, chemicals, heat, and excessive noise.

Once the steps are listed, I'd watch to see exactly what you do in each step. Since the goal is to identify hazards—or possible hazards—that could harm you, you have to perform the job in your normal way. It is important to look for hazards that can be reduced or eliminated to make the job safer.

The goal here is to try to be as objective as possible and look at the job as if seeing it for the first time. As you perform the tasks, you would mentally do the same thing. In order to identify hazards, we have to ask questions about each part of the job—and answer those questions honestly!

If, for instance, we're analyzing a job that involves using a machine, we might ask questions like these:

- Is all protective clothing and equipment inspected before use to be sure it's in good condition?

- Is appropriate protective equipment, such as safety goggles and work shoes, being used?
- Is the operator wearing any loose clothing or jewelry that could get caught in the machinery?
- Is the machinery adequately guarded? What about any open areas or work positions around the equipment?
- Is the machine locked or tagged out when repair or maintenance work is performed?
- Does the machine have any exposed parts, such as sharp edges, that could cause injury?
- Is there any possibility of getting caught in or between machine parts?
- Is there a risk of being injured while reaching over moving machinery or materials when the job is performed?
- Is the job organized in a way that demands moving faster than is comfortable?
- Does the task ever place the operator in an off-balance position?
- Are materials located in places demanding lifting that could cause back strain or injury?
- Could the way materials are placed, or operations conducted, cause objects to fall or fly across the room?
- Does the job include movements that could cause hand or foot injuries?
- Are there any risks of falling to another level?
- Does the job create dust, chemicals, heat, excessive noise, or other hazards?

You get the idea, I'm sure. The point is to try to think like a hard-nosed safety inspector, really examine every part of the job as if it's brand new, and look for hazards. Sometimes the analysis will turn up something obvious, like a missing machine guard. Other hazards may be less noticeable, or they may seem less important. But no hazard is unimportant. The point of job hazard analysis is to uncover anything risky that could happen while performing the job—and then take action to prevent it.

Protection against Hazards

Once we have looked at every possible aspect of the job and listed every hazard or potential hazard, it's time to figure out what to do about these problems. In this part of the analysis, we carefully study each hazard we've identified, along with the job step or steps associated with it.

Sometimes we may be able to figure out a different way to perform the job, one that would eliminate the hazard. You might, for instance, be able to combine several steps or perform the steps in a different order that would be less hazardous.

As an example, suppose we notice that during a particular step of a process, you have to lean over moving machine parts to reach some needed materials. That's a hazard, because there's a risk of injury if your clothes or a body part gets caught in the machine.

We might decide that the best way to eliminate that hazard is to move those materials before the machine is turned on. If that's the case, we would work together to write up new job steps, describing exactly what has to be done to perform the job safely. Just

saying "be careful" doesn't make it. These steps have to be specific, so you—or anyone else who performs the job—will know just what to do.

Another way to eliminate hazards—or at least reduce them—is to use additional equipment or take other precautions. You might eliminate a lifting hazard by getting a hand truck. You could deal with a hazard of possible falling materials by wearing a hard hat. Or you might add a new first step to the job: carefully checking all personal protective equipment before you put it on to be sure you're not wearing scratched safety goggles or a dented hard hat.

Other ways of reducing hazards might include changing tools, adding machine guards or ventilation, or making other physical changes.

If we can't find a way to reduce a particular hazard, we should probably consult with other safety experts in the company. Every so often, we may find that none of the approaches we consider quite do the trick. If no one can figure out how to reduce the hazards we find in a particular job, we'd probably look for a way to do the task less often—or maybe even eliminate it altogether.

Finally, even the best job hazard analysis needs to be reviewed periodically. If there's an accident or injury involving the job that's already been analyzed, we'd certainly do another analysis immediately. But even if nothing happens, the second go-round may reveal something that was missed the first time. Or we simply may come up with better ideas on how to make the job safer.

Safety Procedures

Job hazard analysis is an excellent way to identify hazards and reduce the chance of accidents and injuries in a particular job or task. But it's also a technique that you can adapt and use on the job all the time. If you learn to look objectively at your work and workplace, you can find—and fix—hazards and improve safety even without a checklist.

As you go through each workday, keep asking yourself:

"What could go wrong here?"

Look for the types of general hazards we discussed earlier, such as whether there's enough lighting in the work area or if materials left on the floor could cause people to slip or trip.

Keep an eye out for hazards every time you use a piece of equipment or work with a substance—in other words, in every job situation. Be especially alert to certain types of hazards. For instance:

Fire and Explosion Hazards

- Are circuits overloaded?
- Is the insulation on any wires frayed?
- Is all welding and cutting done in well-ventilated, fireproofed areas or areas that are screened off?
- Are combustible materials kept away from lights and machinery?
- Is flammable scrap kept in covered, airtight metal containers?

Chemical Exposure

- Are chemical containers kept closed when not in use?
- Do all containers have labels?
- Are MSDSs available for all substances?
- Is there enough ventilation in areas where chemicals are used?
- Are chemical containers left in places or positions where they might spill?
- Is protective clothing and equipment available and inspected to be sure it's undamaged?

Housekeeping to Prevent Slips, Trips, and Falls

- Are aisles and stairways clear?
- Are drawers kept closed?
- Are leaks and spills cleaned up promptly?
- Are cords, cables, and air hoses kept above floor level?
- Is trash disposed of promptly and properly?

This is, of course, only a partial list. The bottom line is that you must not ignore anything that doesn't look right or smell right or, for some reason, just doesn't "feel" right. Your instincts could help prevent an accident. Try to figure out what the hazard is and what can be done to correct it. If you're not sure, ask me.

Last, but definitely not least, remember that not all hazards are unsafe conditions. Some are unsafe acts. And that's a type of hazard that every single person can and must prevent.

If you don't bother to read a chemical container label or MSDS, that's an unsafe act. Failing to follow instructions on the label or MSDS is an unsafe act, too. Other unsafe acts that are real hazards in any workplace include:

- Failing to use assigned protective clothing and equipment.
- Removing a machine guard.
- Smoking in a prohibited area.
- Wearing contaminated work clothing out of the work area.
- Speeding through the plant on a forklift truck.

Most unsafe acts, however, are more a matter of attitude. People act unsafely because they don't take the time to think about hazards or because they don't take the hazards—or safety—seriously. But just as hazardous as any open chemical container or unguarded machine are unsafe acts like these:

- Skipping steps or cutting corners on job procedures.
- Concentrating more on personal concerns and problems than the job at hand.
- Doing a job on "automatic pilot."
- Fooling around or showing off on the job.
- Assuming safety is someone else's responsibility, not yours.
- Being afraid or embarrassed to ask questions.

It's just as important to identify these hazards as it is the unsafe conditions we covered earlier. If you're the one who's acting unsafely, do something about it right away. If someone else is acting unsafely, quietly point out the risk. If the other person doesn't get the point, you can bring the problem to your immediate supervisor's attention.

The point is that job hazard analysis is a tool, just like any other. While most tools are used to perform a specific job, job hazard analysis is a tool that helps you do any job safely.

Suggested Discussion Questions

- How would you define job hazard analysis?
- What is the value of job hazard analysis?
- If you had to pick one job or task for job hazard analysis, what would it be and why would you choose it?
- What are a few general hazards you would check for in a pre-analysis?
- What are examples of questions you would ask about a specific job you perform?
- What are some ways we might reduce or eliminate a hazard uncovered during a job hazard analysis?
- What's the key question to ask when you apply job hazard analysis techniques to your work on an ongoing basis?
- What are some specific unsafe conditions to watch out for?
- What are some specific unsafe acts to watch out for?
- Are there any other questions?

Wrap-up

Job hazard analysis is a technique we can use to make our workplace—and ourselves—safer. Remember, it's not an evaluation of your performance but of the job itself. Job hazard analysis lets us look objectively and systematically at what we do to identify any possible hazards in the way a job is performed so we can make changes and do the job with less risk of accidents or injuries.

Job hazard analysis also offers us a way to look at everything we do with new eyes. When you continually ask, "What can go wrong here?" you make it a lot less likely that anything will go wrong.

Of course, it's not enough to just identify and analyze hazards. We also have to do something about them. But the step-by-step approach of job hazard analysis makes it more likely that we'll be able to spot the hazards and, by pinpointing just where the problem lies, figure out ways to do our jobs more safely.

Sample Handout

Job Hazard Analysis Review

A job hazard analysis is an objective in-depth analysis of a specific job with the goal of finding and correcting hazards.

- Set Job Hazard Analysis Priorities
- Jobs or tasks that have caused accidents and injuries.

- Jobs or tasks that have caused "near misses."
- New jobs.
- Jobs with changed processes and procedures.
- All other jobs.

Conduct a Job Hazard Analysis

Create pre-analysis checklist to identify and correct hazards in conditions under which the job is performed:

- Is there adequate lighting?
- Could people trip over materials on the floor?
- Are there live electrical wires?
- Are tools, machines and other equipment in good repair?
- Do machines have guards in place?
- Are noise levels high enough to interfere with communication?
- Are fire alarms and portable extinguishers readily available?
- Are emergency exits clearly marked?
- Is personal protective equipment available, in good condition, and used when necessary?
- Is the work area ventilated?

List all specific job steps and create checklist to identify possible hazards:

- Include each step.
- Describe each step in adequate detail.
- Include inspection and use of protective equipment.
- Detail job set-up procedures.
- Include condition, use, and safety of equipment and machinery.
- Identify any machine parts or exposures that could create risk of injury.
- Detail actual steps followed while performing the job to identify any movements or positions that could create risk of injury.
- Note procedures to follow when it's necessary to shut down equipment.
- Include organization and placement of parts, tools, etc.
- Include hazards created while performing job—dust, chemicals, heat, and excessive noise.

Determine best way to eliminate/reduce identified hazards.

- Fix clear-cut problems, such as replacing missing machine guards.
- Seek ways to eliminate, combine, or rearrange job steps to eliminate or reduce hazards.
- Identify equipment that could be used to reduce hazard.
- Change tools, add ventilation, or make other physical changes to reduce hazard.
- Detail new job steps to follow after changes are made.
- Identify hazards that can't be reduced and seek ways to eliminate job or do it less often.

Periodically repeat job hazard analysis for each job or task.

Use job hazard analysis techniques on an ongoing basis

- View work objectively, with an eye to hazards.
- Continually ask, "What could go wrong here?"
- Watch out for general hazards, such as inadequate lighting.

Identify and correct unsafe conditions:

- Overloaded circuits that could cause fires.
- Frayed insulation on electrical wires that could cause fires.
- Fire hazards from welding or cutting done outside well-ventilated, fireproofed areas or areas that are screened off.
- Combustible materials near lights or machinery.
- Flammable scrap not placed in covered, airtight metal containers.
- Chemical containers left open when not in use, creating inhalation, spill, or fire hazards.
- Unlabeled containers whose hazards are unknown.
- Substances without MSDSs to detail their hazards and protective instructions.
- Inadequate ventilation in areas where chemicals are used, creating possible fire or inhalation risks.
- Lack of protective clothing and equipment or un-inspected protective clothing and equipment.
- Blocked or cluttered aisles or stairways.
- Open drawers.
- Leaks or spills that aren't cleaned up promptly.
- Cords, cables, or air hoses left on or near the floor where they could be tripped over.
- Trash that's not disposed of promptly and properly.
- Anything that doesn't look, smell, or "feel" right.

Identify and correct all possible unsafe acts:

- Failing to follow safety procedures or rules.
- Failing to read and use information on chemical labels and material safety data sheets.
- Failing to use assigned protective clothing and equipment.
- Removing a machine guard.
- Smoking in a prohibited area.
- Wearing contaminated work clothing out of the work area.
- Speeding through the plant on a forklift truck.
- Skipping steps or cutting corners on job procedures.
- Letting personal concerns and problems distract from the job.
- Doing a job on "automatic pilot."
- Fooling around or showing off on the job.
- Assuming safety is someone else's responsibility.
- Being afraid or embarrassed to ask questions.

Safety Meeting Masters

A Job Hazard Analysis:

- Looks at Job Conditions
- Studies Each Job Step for Hazards
- Decides How to Eliminate Identified Hazards

Permission is hereby granted to purchasers of this book to make one overhead transparency using this page as a master, solely for use in in-house training conducted by the purchaser.

As You Approach Any Job Situation Ask:

- What Can Go Wrong Here?
- Does Anything Not Look Smell, or "Feel" Right?
- Are Procedures for Emergencies in Place?

First Aid

IMPORTANT MESSAGE:

The Workers' Compensation Claims Manager is the ONLY one who makes the determination if the reported "alleged" work-related injury is handled as First Aid or a claim. ALL work-related injuries must be reported to the Workers' Compensation Claims Manager within 12 hours of the supervisor's knowledge.

- Employee reports injury to their supervisor or authorized personnel.
- Employee is taken to our clinic
- Supervisor should always request our clinic to handle as First Aid
- It MUST meet all of the following conditions to be handled as First Aid:
 - Doctor sees the employee and there is NO lost time/missed work (other than the day of the injury.)
 - NO medicine or prescription is given that cannot be bought over the counter.
 - NO medical restrictions of any kind are given.
 - Clinic/doctor/medical visits are limited to the initial visit and one (1) follow-up visit. At the initial or follow-up visit a full medical release that indicates that no further treatment is needed MUST be received.

Remember – If any of the above conditions are NOT met it MUST be handled as a work comp claim NOT FIRST AID!!!

In the event that the Workers' Compensation Claims Manager informs you that an injury is being handled as First Aid please instruct your clinic to send ALL bills ONLY for that employee's injury to the attention of the Workers' Comp Claims Manager at corporate.

These bills will be approved and coded to First Aid, charged to your

division under the GL first aid account, and submitted to Accounts Payable for payment.

Divisions are not to pay ANY medical bills that relate to Workers' Comp or First Aid.

All First Aid bills are to be approved by the Workers' Comp Claims Manager before payment.

The Workers' Comp Claims Manager will monitor expenses of ALL first aid claims and if they become more than the deductible, the first aid will be turned into a claim at their discretion.

Safety Talks/Meetings

If you're asked to run a safety meeting and have never done so before, your immediate reaction is probably: "Oh, I can't. I'm no good at public speaking. I wouldn't know what to say!"

But, let's face it; safety training is part of your job. You have to provide adequate instruction and guidance—and teaching safety is part of that job. The good news is, you don't have to be a professional speaker to deliver an effective safety talk.—but you do have to do some planning. Here are some of the questions you should ask yourself.

Q. How often should we have safety meetings?

A. Hold meetings regularly, such as once a week, so that employees become accustomed to them as part of the work routine.

Q. Where should the meeting be held?

A. Pick a spot that's comfortable and free of distractions. You can't expect your listeners to concentrate in a noisy one or in a location that's too hot or too cold. Don't let them get too comfortable, though, or they may doze off and miss the safety message.

In general, it's a good idea to have all of the regular meetings at the same time and place. But if you're going to talk about a particular type of machine, for example, consider having the group gather near the machine, even if everybody has to stand.

Q. What time should the meeting be held?

A. Pick a time that doesn't disrupt work activities and at which everyone is alert and most likely to pay attention. The beginning of the day, before work starts, is a good time. If this is not convenient, hold the meeting immediately before or after lunch or a regular work break. The end of a shift, for obvious reasons, is not an appropriate time.

Q. How long should the meeting run?

A. "Keep It Short and Simple" (KISS) should be your motto; from 5 to 15 minutes is sufficient. (Most of the talks in this book should run about 10 minutes or less.) If the meeting generates a lot of relevant discussion, consider continuing with the same subject at the next scheduled meeting—or at an extra meeting within a day or two.

Q. What subject should I select?

A. With all the different subjects covered in this book, you should have no trouble selecting one. However, your choice should be relevant to the work your crew performs. For example, if you're not in the construction industry, the talks in Chapter 3 wouldn't be particularly appropriate. And some of the talks in Chapter 20 are directed at workers in specialized occupations. On the other hand, "Safe Housekeeping" will be appropriate for any business, as will talks on safety in general, or safe lifting, or fire safety.

Timeliness is a consideration, too. In other words, lock out would be a timely topic when machine repairs are on the schedule. If a worker recently incurred a back injury while transferring supplies from the warehouse to the local stockroom, "Lifting and Manual Material Handling" is a natural place to turn for your safety talk.

Q. *Should I stick to just one topic?*

A. Yes. Be specific. Rambling all over the lot is a sure way to lose your audience's attention. Even when dealing with a very general subject such as workplace hazards, a broad view might do for one talk—to introduce later sessions that pinpoint specific hazards such as slips and falls or broken glass.

Q. *How much preparation is necessary?*

A. Not much—but that doesn't mean none! After selecting the topic, read the safety talks on that subject and pick one or more of them as a guide. Make notes of incidents in your own experience relating to the subject. Ask other supervisors for suggestions as to what to include in the talk—and take notes.

Q. *Wouldn't it be simpler just to read one of the safety talks in this book?*

A. Simpler, maybe, but not a good idea. Nothing will turn off an audience more quickly than a speaker's droning away with his or her nose in a paper. The safety talks in this book are merely a guide. Use them to bone up on the subject, to get a "hook" to grab attention, and as a breakdown of the points you want to get across. So try as much as possible to deliver the talk in your own words, with the printed copy as a backstop or ready reference.

Again, the more you can adapt it to your workplace the better. Current, local statistics can be added or reference made to current happenings in the news. A talk about Fire Protection might be enlivened by a quote from your community's fire marshal. When floods or hurricanes are in the news, it's a good time to review emergency procedures—and to remind workers of the local radio station's call numbers. Here's where that little extra preparation provides a lot of extra impact.

Q. *Is it a good idea to use props?*

A. Definitely. "Show and tell" is the best way to convey a message. And most people remember what they see at least as vividly as what they only hear. If you're talking about defective or hazardous hand tools, have samples to show. If the subject is the proper handling of steel drums, demonstrate how it should be done. Better yet, have the members of the group demonstrate how it should be done, with directions from you.

Visual aids like charts or pictures can also be helpful, provided they're large enough to be seen clearly.

Q. *Should I let the group participate in the discussion?*

A. By all means. In fact, encourage it by asking questions. For example, you can kick off the meeting by describing an accident and then asking for workers' suggestions on how it might have been avoided. It's essential, however, that you don't let the meeting get out of control. Keep it on track, and make sure it doesn't turn into a general gripe session.

Q. *What about when they ask questions?*

A. If the question is relevant and you know the answer, give it. If you don't know, say so, but tell the questioner that you'll find the answer and get back to him or her. Then make sure you do so. If it's information that could be useful to the whole group, you might want to repeat the question along with the answer at the next meeting.

If the question has nothing to do with the subject of the meeting, don't let yourself become sidetracked. Tell the questioner you'll discuss it in private after the meeting.

Q. *Should I keep attendance records?*

A. Yes. Each employee who attends the meeting should sign an attendance form (see the accompanying sample). Then you, as supervisor, should complete the form and forward it to wherever your company's procedure calls for. If your workers have come up with valuable suggestions during the meeting, or have alerted you to particular safety hazards, note them at the bottom of the form—and make sure to follow up, either by taking care of the matter yourself or by bringing them to the attention of the appropriate authority.

This kind of record is important. If the company is questioned by OSHA, the form can be used as evidence that employees were given specific safety information and instructions. Of course, what the safety agency is most interested in is how well workers understand and act on this information—so you need to be sure that workers' behavior reflects the guidance/instruction you've provided in your talks and other training. If it doesn't, the record can support management's action if it is necessary to discipline an employee for breaking safety rules.

Some companies also keep a chronological record of each employee's "training history" in his or her individual file at the worksite or in the personnel department. That can be used for the same purposes as the meeting record, as well as for other purposes. For instance, following a transfer or promotion, it can indicate whether the individual in question has had all the safety information and training necessary for the new assignment or is in need of additional or refresher training.

Q. *Any final advice?*

A. Here's a tried-and-tested technique to help you give better safety talks. It's called the "Five P" Plan:

- Prepare. Think, write, read, listen, organize, and practice your talks.

- Pinpoint. Don't try to cover too much ground in one session. Focus on one main idea.
- Personalize. Bring the subject close to home, to make it meaningful to your listeners.
- Picturize. Create a clear mental picture for your listeners. Use physical objects or visual aids whenever possible.
- Prescribe. Make sure you tell your listeners precisely what they should or should not do in order to keep themselves and their co-workers safe—and be precise.

Even though you didn't ask, here are two additional words of advice: Follow up! Make it a point to check your crew during the week following the safety talk to see if they're practicing what you preached. That's the surest way to determine whether your safety talks are effective. Employees who have shown initiative by asking questions or coming up with good ideas should be given a word of praise either at the meeting or when you pass their workstations.

Housekeeping

If you want to learn about attitudes toward safety, just take a look at housekeeping habits, because good housekeeping is really one of the most important aspects of safety. Good housekeeping is not the sole responsibility of the maintenance and custodial staff; it must be practiced by everyone.

The company could spend a large sum of money to improve the quality and safety of the work environment, but the environment would still be unsafe if you and your co-workers did not practice good housekeeping. Safety entails everyone working as a team to maintain good housekeeping standards. Make sure you follow the rules to prevent accidents by maintaining good housekeeping standards. Here are some examples:

- Make sure all containers are labeled; the labels should be legible, not blurred by liquids that have run down the outside of the containers.
- Do not store supplies where they may be mistaken for something else. For example, it is not a good idea to store caustic chemicals with cleaning powders and liquids.
- Be familiar with special chemicals, gases, and liquids that are used in your work area, and know the ones that can and cannot be stored together. Some substances, like oxygen and fuel gases, have the potential for disaster when stored in close proximity.
- Dispose of hazardous substances—like flammable liquids and chemical reagents—by the safe method prescribed. If you aren't sure how to dispose of a substance, check with your supervisor.
- Clean up your work area immediately after completing each task; never leave an area cluttered with tools or supplies that could present tripping hazards.
- Clean up spilled liquids right away; they can cause slips and falls.
- Respect "wet floor" signs; they are used for your protection.
- Pick up broken glass immediately with a broom and dustpan, never with your hands.
- Do not allow debris, such as cleaning rags and paper, to accumulate anywhere, because this creates a serious fire hazard.

Good housekeeping is one of the most important aspects of any fire safety plan. Accumulated debris can cause fires, and clutter slows movement of personnel and equipment during fires.

In addition to all the safety benefits it contributes, good housekeeping results in a more pleasant working environment. Almost everyone prefers cleanliness and neatness to filth and clutter.

Because good housekeeping is important to your safety as well as the safety of your co-workers, concentrate on keeping your work area clean. Make good housekeeping a daily routine.

EVACUATION PLANS

EMERGENCY EVACUATION GUIDE

1. Duties and Responsibilities

The Division Management Team is responsible for all emergency planning and preparedness for this facility. During an emergency the Division Management Team will assume overall direction of the emergency procedure. The first and most important priority during any emergency situation is to ensure the safety of our passengers and employees. The Division Management Team will also:

Review the procedures contained in this document on an annual basis and update and distribute any changes.

Ensure all employees are trained on the procedures contained in this document and will direct that emergency procedures are emphasized during Safety Meetings and other employee training sessions.

Ensure there is an adequate warning system that is known to all and in coordination with other subordinate staff will conduct emergency evacuation drills no fewer than two times per calendar year.

Assume the role as the Company spokesperson for any local media until otherwise directed by the Regional Vice President and act as liaison between MV Transit, Inc. and the client.

The manager designated by the Division Management Team will stay current and recommend any updates to procedures to the Division Management Team. He/she will ensure that all contact information is kept up to date and is properly disseminated. This manager will also:

Ensure that system testing is scheduled and conducted twice each calendar year.

Ensure that system tests are as realistic as possible and include personnel accountability procedures to ensure all employees/customers are accounted for.

Maintain all records concerning drills, corrective action taken and any recommendations made to amend any procedures.

2. Specific procedures that are part of this document are:

- Annex A: Evacuation Due to Fire (Facility)
- Annex B: Evacuation Due to Fire (Facility)
- Annex C: Evacuation Map

Annex B ((Evacuation Due to Fire)(Facility)) to the (Project) Emergency Evacuation Procedures Guide

In the event of a fire at a Facility the person(s) noticing the smoke or fire will pull the nearest fire alarm and call out "Fire, Fire, Fire" and immediately exit the building to their designated assembly area. The senior staff person will call 911 as soon as possible

and give the emergency operator as much detail as possible concerning the incident in progress.

Employees, unless specifically trained and certified in the use of fire extinguishers, will immediately exit the facility and move to their designated assembly areas.

Fuel island personnel will, if safe, activate the fuel emergency shut-off valve and then move immediately to their assembly area. In no case will fuelers attempt to fight a fire at the fuel island.

The senior employee present will take the headcount on a clipboard and note any personnel who are not accounted for. The senior employee will ensure that no one is allowed to enter the facility until emergency crews give the "all clear".

The evacuation will take place under the control and direction of the Division Management Team; his/her designated representative or the senior employee present.

The Division Management Team will notify the client and the region manager of the situation

Storm Water Run-Off Compliance

The EPA has established guidelines for Storm Water Run-off that applies to certain companies that may discharge chemicals including oil, grease and fuel. This act may or may not apply to the Division facility. This determination will be provided by the Area Vice President of Maintenance. Do not contact a governmental agency for EPA questions unless directed to do so by an MV Transportation Inc. Officer.

The Company is dedicated to compliance with guidelines when they apply and to helping its customers when guidelines apply to them.

If the Division or its customer falls under the regulations, the Maintenance Manager and General Manager must work with the MVT Support Center's environmental staff to develop a plan to meet the Division's facility compliance requirements. Appropriate employees must be trained and must faithfully execute the plan.

Regardless of whether or not the regulations apply, the Division and its parking lot must be kept free of all unnecessary chemicals and contaminants. Any needed chemicals and possible contaminating materials must be covered and kept out of rain and run-off water.

Information on control measures for oil and fuel spills must be in the Shop and on file in the Safety Department. All maintenance and safety personnel must be trained in executing the control measures and all needed materials and equipment for such control must be readily available. This specifically includes all fueling stations.

All correspondence which is received at a division from a regulatory agency shall be forwarded to the Vice President of Maintenance.

The facility may have to be evacuated due to either on site or off-site spills and leaks. If a hazardous material spill or leak occurs it will normally involve some type of fuel. If the spill is minor in nature the Maintenance Manager or his/her representative should respond with the "spill kit" and contain it. The senior operations personnel will be contacted and briefed. If no further action is required the maintenance crew will clean

up the spill. If the spill or leak is major the person reporting an on-site spill should indicate the location of the spill as part of the emergency report.

The senior person(s) present, based on the information available, determines an evacuation of the facility is prudent he/she will call 911 and direct the immediate evacuation of the facility to the designated assembly areas.

The Division Management Team will be immediately notified and he/she will take charge or designate another member of staff to manage the situation until he/she is able to arrive at the facility.

The Division Management Team or designated representative will brief emergency responders as completely and accurately as possible, i.e. "The propane fuel tank on the other side of the building has a leak". Reports will be kept simple and to the point. Ensure the emergency crew is informed whether or not all personnel are accounted for.

The Division Management Team or designated representative will contact the client and the region manager and give a full report as soon as possible.

Annex C (Evacuation Map) It is the Division Managements team responsibility to development and implement a proper facility evacuation map.

Any recommendations for changes or amendments to this document should be forwarded to the Division Management Team.

HAZARD COMMUNICATIONS

Employee's Right to Know

Purpose

To provide guidelines for the implementation, control and use of all flammable, toxic and caustic materials and hazardous waste programs.

Applicability

MV Transportation - All Divisions

Policy

The division will identify, collect, store and dispose of all generated hazardous waste in accordance with federal, state and local mandated requirements. The division Maintenance Manager will manage identified hazardous wastes and maintain all required records in a designated location.

Each departmental manager will maintain current and accurate inventories of flammable, toxic or caustic materials. Flammable, toxic or caustic materials stored in offender areas must be in a secure area and will be dispensed by staff.

Hazardous materials or chemical products will not be brought into the facility unless acquired through the procedures outlined in this policy. The Maintenance Manager may ensure all hazardous material/chemicals are assigned an individual Hazardous Material Part Number (HMPN) for central reference and traceability. Supervisors will ensure a Material Safety Data Sheet (MSDS) for each product is on hand prior to its use in their areas. The Safety Manager, in cooperation with the Maintenance Manager, will approve storage areas for hazardous materials or chemicals and at no time will hazardous material/chemicals be used, traded or stored in any other area of the facility other than the designated areas.

The Maintenance Manager is responsible for maintaining a current list of all known hazardous chemicals used in the facility. This list includes, at a minimum, the product name, name of the chemical manufacturer, the HMPN, and facility work area the chemicals are used. The Maintenance Manager will maintain a master file of all Material Safety Data Sheets (MSDS) on each chemical in a designated area(s).

Pollution prevention is a priority and this facility undertakes activities to reduce generation of solid and hazardous waste and use of toxic chemicals and resources.

Definitions

Acid - corrosive materials whose water solutions contain hydrogen ions (H⁺). In sufficient amounts, these materials burn, irritate or destructively attack organic tissues such as the skin, lungs and stomach.

Base - corrosive materials whose water solutions contain hydroxyl ions (-OH). In sufficient amounts, these materials burn, irritate or destructively attack organic tissues such as the skin, lungs and stomach.

Caustic – material or element able to burn, corrode, dissolve or otherwise eat away by chemical reaction.

Chemical- any element, chemical compound or mixture of elements and/or compounds.

Combustible liquid - materials with a flash point at or above 100° F.

Corrosive - any solid, liquid or gas that irritates or destructively attacks organic tissues such as the skin, lungs or stomach.

Flammable liquid - a liquid with a flash point below 100 ° F.

Flash point - the minimum temperature that a liquid gives off vapor in sufficient concentration to form an ignitable mixture with the air above the surface of the liquid.

Harmful physical agent - a physical agent determined to present a significant risk to employee health or safety or imminent danger of death or serious physical harm to an employee.

Hazardous substance - a chemical or substance, or mixture of chemicals or substances which:

is regulated by the Occupational Safety and Health Administration

is either toxic or highly toxic, an irritant, corrosive, a strong oxidizer, a strong sensitizer, combustible, either flammable or extremely flammable, dangerously reactive, pyrophoric, pressure-generating, a compressed gas, a carcinogen, a teratogen, a mutagen, a reproductive toxic agent, or that otherwise, according to generally accepted documented medical or scientific evidence, may cause substantial acute or chronic personal injury or illness during or as a direct result of any customary or reasonably foreseeable accidental or intentional exposure to the chemical or substance; or

Is determined as part of the standard for the chemical or substance or mixture of chemicals and substances to present a significant risk to employee health and safety or imminent danger of death or serious physical harm to an employee as a result of foreseeable use, handling, accidental spill, exposure or contamination.

Hazard warning - any words, pictures, symbols, or combination of these conveying the hazards of the hazardous substances in the containers.

Hazardous waste – any material listed as such in Title 40 CFR 2612, subpart D or designated according to the Environmental Protection Agency or that possesses any of the hazard characteristics or corrosivity, ignitability, reactivity or toxicity as defined in Title 40, CFR 261, subpart C, or that is contaminated by or mixed with any of the previously mentioned materials.

Immediate use container - a container that substances are transferred into from labeled containers and will be under the control of and used only by the person who transferred it from a labeled container, and only within the work shift in which it is transferred. This applies to containers such as beakers, graduates, vials, pitchers, pails or similar containers that are routinely used and reused.

Irritant - a chemical that is not a corrosive, but causes a reversible inflammatory effect on living tissue by chemical action at the site of contact.

Material Safety Data Sheet (MSDS) - any data sheet containing information required under Code of Federal Regulations, title 29, part 1910.1200 (g), regarding the physical, chemical and hazardous properties of a substance or mixture. The sheet provides a summary of health and safety information on the chemical provided by the chemical manufacturer. Information provided on a standard MSDS includes; product identification, potential health hazards including symptoms and routes of entry, physical properties, fire and explosion hazards, reactivity data, spill or leak procedures, emergency first aid for exposure, and protective equipment to be used. MSDS formats may vary from supplier to supplier, but the type of information provided must be consistent.

Non-routine tasks - duties occurring outside the scope of the normal course of assigned work (e.g., confined space entry or tank cleaning).

Physical hazard - a chemical that has scientifically valid evidence that it is a combustible liquid, compressed gas, explosive, flammable, organic peroxide, oxidizer, pyrophoric, unstable (reactive) or water reactive.

Process and secondary container - portable containers that hazardous chemicals are transferred into from labeled containers, and are intended only for immediate use by the employee who performs the transfer. The secondary container must be labeled.

Routinely exposed - a reasonable potential for exposure exists during the normal course of assigned work. It includes the exposure of an employee to a hazardous substance who is assigned to work in an area where a hazardous substance has been spilled. It does not include simple walk-through of an area where a hazardous substance, harmful physical agent, or infectious agent is present or an assignment to a work area where a container of a hazardous substance is present, but there is no actual exposure unless a spill should occur.

Procedures

Hazard Determination

The manufacturer or importer of a chemical must determine if the chemical products are hazardous under OSHA's hazard code system. The division is not responsible for testing any materials purchased to determine hazard properties. The Maintenance Manager and Safety Manager will be aware of minimal hazard determination procedures.

Hazard class labels on containers must coincide with the hazards described on the MSDS. If the MSDS states that the material is not poisonous, but the shipping label states "poison", the Maintenance Manager or Safety Manager will contact the supplier to resolve the discrepancy.

If staff experience has shown the material to have a different hazard than stated on the MSDS, the Maintenance Manager or Safety Manager must contact the supplier for explanation and clarification.

Requisition and Receiving Hazardous Materials/Chemicals

Staff will review the master chemical list from the Maintenance Manager to determine if the facility has a MSDS prior to submitting a purchase order for hazardous materials or

chemicals. If there is a MSDS, staff may submit a purchase order. If there is not a MSDS, the Maintenance Manager and Safety Manager must approve the product and ensure that a MSDS is sent with the product by requesting it on the purchase order. When the MSDS is obtained, staff will send the MSDS to the Maintenance Manager when a new product is received. The Maintenance Manager may assign a Hazardous Material Part Number (HMPN) and approve the product.

When a MSDS is received, the Maintenance Manager will review the data, the hazard code and update if necessary, may assign a permanent HMPN, enter the information into the master chemical list data files and distribute copies of the MSDS to all appropriate files and requesters.

Procurement staff will accept a purchase order for hazardous materials/chemicals only from the division Maintenance Manager. The purchase order will be processed in a normal manner.

Staff that receives non-purchased vendor samples must submit all samples and MSDS to the division Maintenance and Safety Managers for approval.

Chemicals in Unlabeled Pipes

Prior to starting work in areas that have unlabeled pipes, the employee must contact the division Maintenance and Safety Managers for information regarding:

The chemical in the pipes;

Potential hazards; and

Safety precautions to be taken.

Physical Agent Labeling (noise, heat, ionizing and non-ionizing radiation)

The Maintenance and Safety Managers will label all equipment or work areas that generate harmful physical agents at a level which may be expected to approximate or exceed the permissible exposure limit (PEL). Facilities having these areas must develop facility instruction identifying these areas, precautions to be observed in those areas (including personal protective equipment), and signs and symptoms of overexposure to those agents.

Container Labeling

The Maintenance Manager and Safety Manager will ensure that all containers received are clearly labeled indicating the contents, the appropriate hazard warning and the name and address of the manufacturer.

The Maintenance Manager and Safety Manager will ensure that all secondary containers are labeled with either an extra copy of the original manufacturer's label or with labels that have the identity and the appropriate hazard warning.

The Maintenance Manager will update the labeling procedures as required.

Hazard Rating Labels

In an area that uses chemicals the Maintenance Manager and Safety Manager will ensure that containers are properly labeled. A hazard rating label is optional if the

container is already appropriately labeled. The label must indicate the level of hazard numerically on a scale ranging from 4 (severe hazard) to 0 (no special hazard). The information must be presented in a diagram as follows:

Color backgrounds must be used for the four categories: HEALTH hazard – blue; FLAMMABILITY - red; REACTIVITY (INSTABILITY) - yellow; protective equipment or other specific information - white.

Health Hazard

There are two sources of health hazards. One arises out of the inherent properties of the material. The other arises out of the toxic products of combustion or decomposition of the material. The hazard degree is assigned on the basis of normal usage conditions. The common hazards from the burning of ordinary combustible materials are not included. The degrees of hazard are ranked according to the probable severity to personnel as follows:

- 4: Extreme Highly Toxic - may be fatal on short term exposure. Special protective equipment required.
- 3: Serious Toxic - avoid inhalation or skin contact.
- 2: Moderate to moderately toxic - may be harmful if inhaled or absorbed.
- 1: Slight to slightly toxic - may cause slight irritation.
- 0: Minimal - all chemicals have some degree of toxicity.

Flammability

Susceptibility to burning is the basis for assigning degrees within this category.

- 4: Extreme - extremely flammable gas or liquid. Flash point below 73° F.
- 3: Serious - flammable. Flash point 73° to 100° F.
- 2: Moderate - combustible. Requires moderate heating to ignite. Flash point 100° to 200° F.
- 1: Slight - slightly combustible. Requires strong heating to ignite.
- 0: Minimal - will not burn under normal conditions.

Reactivity (instability)

The assignment of degrees in the reactivity category is based upon the susceptibility of materials to release energy either by themselves or in combination with water. Fire exposure was one of the factors considered along with conditions of shock and exposure.

- 4: Extreme - explosive at room temperature.
- 3: Serious - may explode if shocked, heated under confinement or mixed with water.
- 2: Moderate - unstable, may react with water.
- 1: Slight - may react if heated or mixed with water.
- 0: Minimal - normally stable, does not react with water.

Material Safety Data Sheets (MSDS)

The Maintenance Manager and the Safety Manager are responsible for establishing and monitoring the facility MSDS program. The Maintenance and Safety Managers will make sure procedures are developed to obtain the necessary MSDS and will review incoming MSDS for new or significant health and safety information. Any new information will be passed on to the affected staff. If a MSDS is not received at the time of the initial shipment, Maintenance Manager will contact the vendor and request the MSDS.

Copies of MSDS for all hazardous chemicals to which staff are exposed or are potentially exposed will be kept in the facility maintenance office and other listed areas.

The Maintenance and Safety Managers will ensure that MSDS are readily available to all employees during each work shift. If an MSDS is not available, the employee may contact the supervisor of that area and must notify the Maintenance and/or Safety Manager.

The Maintenance Manager will ensure that updated MSDS are placed in the file. Files of outdated MSDS will be maintained for 30 years.

Inventory and Control

All flammable, toxic or caustic materials with a hazard rating of 2 or greater in the Health, Flammability or Reactivity sections are required to be controlled and a current and accurate inventory needs to be maintained. This facility will adhere to the following guidelines for all substances meeting this criteria:

Constant and accurate inventories need to be maintained in each area and logged on the Control Log for Issuing Chemicals.

The substances must be issued only under the supervision of authorized staff.

All substances must be issued in the amount necessary for one day's use.

All offenders using the issued substances must be authorized by staff.

Maybe include a couple of examples

- Substances that do not contain one or more of the above properties but are labeled "keep out of reach of children" or "may be harmful if swallowed" are not prohibited. Their use and control must be addressed in facility instructions.
- Diluted products with a hazardous rating "0" or "1" for health, flammability and reactivity do not meet the definition of toxic, flammable or reactive materials and do not require issue logs, but all containers must be labeled.

Employee Training and Information

The Maintenance and Safety Managers will ensure that all program elements of the Right to Know Program specified in this policy are carried out annually.

The Maintenance and/or Safety Manager will provide training [for employees who may be routinely exposed to hazardous substances] in a manner that can be reasonably understood by the employees and must include the following information.

Overview

- An overview of the requirements contained in the Right to Know Act
- The hazardous chemicals present at his/her work place
- The physical and health risks of hazardous chemicals
- How to determine the presence or release of hazardous chemicals in the work area
- How to reduce or prevent exposure to hazardous chemicals through use of control procedures, work practices and personal protective equipment
- How to read labels and MSDS to obtain hazard information
- Location of the MSDS file and written Right to Know Program

Training program for hazardous substances

- The name or names of the substance including any generic or chemical name, trade name, and commonly used name
- The level, if any and if known, at which exposure to the substance has been restricted according to standards, or, if no standard has been adopted, according to guidelines established by competent professional groups which have conducted research to determine the hazardous properties of potentially hazardous substances
- The primary routes of entry and the known acute and chronic effects of exposure at hazardous levels
- The known symptoms of the effects
- Any potential for flammability, explosion or reactivity of the substance
- Appropriate emergency treatment
- The known proper conditions for use of and exposure to the substance
- Procedures for cleanup of leaks and spills
- The name, phone numbers and address of the manufacturer of the hazardous substance
- A written copy of all the above information which is readily accessible in the area or areas that the hazardous substance is used or handled

Training program for harmful physical agents. The training program for employees who may be routinely exposed to harmful physical agents at a level that may be expected to approximate or exceed the permissible exposure limit, or applicable action levels must be provided in a manner that can be reasonably understood by the employees, and will include the information required by the standard for that physical agent which includes the following:

- The name or names of the physical agent including any commonly used synonyms
- The level, if any and if known, at which exposure to the physical agent has been restricted according to standards adopted by OSHA or the EPA; or, if no standard has been adopted, according to guidelines established by competent professional groups which have conducted research to determine the hazardous properties of potentially harmful physical agents.
- The known acute and chronic effects of exposure at hazardous levels.
- The known symptoms of the effects
- Appropriate emergency treatment
- The known proper conditions for use of and/or exposure to the physical agent

- The name, phone number and address, if appropriate, of a manufacturer of the equipment which generates the harmful physical agent
- A written copy of all of the above information will be readily accessible in the area or areas in which the harmful physical agent is present, and where the employees may be exposed to the agent through use, handling or otherwise
- Prior to introducing a new chemical/physical hazard or infectious agent into any area of the facility, the supervisor will give each employee in that area information and training as outlined above for the new hazard.

Hazardous Non-Routine Tasks.

Periodically, employees are required to perform non-routine tasks which are hazardous. Some examples of non-routine tasks are confined space entry and tank cleaning. Prior to starting work on such projects, the Maintenance Manager and/or Safety Manager will give any affected employee information about the hazardous chemicals that he or she may encounter during such activity. This information will include specific chemical hazards, protective and safety measures the employee can use, and steps the facility is taking to reduce the hazards, including ventilation, respirators, the presence of another employee (buddy systems) and emergency procedures

- 1 Informing Other Employees. The Division Management Team and Safety Manager will provide other employers information about hazardous chemicals their employees may be exposed to on a job site, and suggested precautions for employees. The Division Management Team and Safety Manager will obtain an inventory list of hazardous chemicals and corresponding MSDS used by other employers to which employees of our facility may be exposed.

The Division Management Team and Safety Manager will provide other employers MSDS for hazardous chemicals generated or used by the MV Transportation facility's operation. The Division Management Team and Safety Manager will inform other employers of precautionary measures needed to be taken to protect their employees who are exposed to operations performed by the MV Transportation facility. The Division Management Team and Safety Manager will inform other employers of the hazard labels used by the MV Transportation facility. If symbolic or numerical labeling systems are used, the other employers will be provided with information to understand the labels used for hazardous chemicals which their employees may have exposure.

- 2 Hazardous Waste. The Maintenance Manager, or any other departmental manager, must promptly report all significant spills and leaks to the facility Safety Manager. If the container label does not identify the substance as a hazardous waste, staff must follow the directions on the MSDS under spills and submit an incident report.

In the event the material is identified as a hazardous waste, the area must be secured immediately. The Safety Manager will oversee the cleanup, or, if not equipped to do so, will notify proper authorities to assist.

- Regardless of size or contents of the spill, staff will employ all precautionary means (appropriate personal protective gear will be used by anyone participating in this exercise.) The Safety Manager will determine whether an evacuation is

necessary or if a “defend in place” action is sufficient. Spills equal to or greater than five gallons must be reported to the appropriate agency/authority immediately. [Usually the local fire department who, if not appropriate, will notify and engage the proper respondent].

- A copy of this program will be made available to employees of MV Transportation - or to a legally designated representative upon request.

Review

Annually

Material Safety Data Sheets

What is MSDS?

Material Safety Data Sheets explain the potential hazard of a chemical to the user.

Chemical manufacturers are required by the hazard Communication Standard to provide an MSDS to the purchaser of the product at the time of the first order and, thereafter, or anytime the MSDS is revised.

How to Read MSDS

MSDS sheets are broken into sixteen (16) areas:

Product and Company Identification

- Product name
- Manufacture
- Telephone number
- Chemtrec/ Chemical Transportation Emergency Center phone number for transportation emergencies.
- EPA registration number
- Data prepared
- Code number / assigned by manufacture
- Chemical family
- MSDS number

Composition / Information on Ingredients

- CAS regulation number / Chemical Abstract Service number for inert ingredients.

Hazardous Identification

- Emergency overview
- Potential health effects
- Chronic effects

First Aid Measures

- Eyes
- Skin exposure
- Inhalation

- Ingestion
- Notes to physicians

Firefighting Measures

- Flashpoint
- Extinguishing media
- Personal protective equipment
- Special procedures
- Unusual fire and explosion hazards
- Hazardous decomposition materials / by products due to fire.

Accidental Release Measures

- Evacuation procedures and safety
- Containment of spill
- Clean up and disposal of spill
- Environmental and regulatory reporting

Handling and Storage

- Min and Max storage temperatures
- Handling
- Storage

Exposure Controls/Personal Protection

- Ingestion
- Eye contact
- Skin contact
- Respiratory protection
- Engineering controls
- Exposure guidelines

Physical and Chemical Properties

- Color
- Odor
- PH
- Boiling point

Stability and Reactivity

- Chemical stability
- Conditions to avoid
- Chemical incompatibility

Toxicological Information

- Eye and skin irritation
- Oral
- Chronic data

Ecological Information / Testing

- Disposal Considerations
- Transportation Information
- Regulatory Information

Other Information

- Publishing dates
- Amendments

Record Keeping

All MSDS sheets will be kept in a binder marked MSDS. This book will be located in the shop area for quick reference. The binder will be organized and consist of the following:

- An inventory quick reference sheet indicating the PPE required and the hazards they present.
- A table of contents of the chemicals in the binder for quickly finding the correct MSDS.
- Organized into groups for easier locating of MSDS.

Updates

MSDS book should be updated regularly. Anytime a new product is used the MSDS sheet shall be put in the manuals. Anytime a product has been deleted from use then that MSDS sheet shall be removed.

Training

All existing employees working with chemicals will be required to go through an MSDS review class annually to assure that they understand how to read the sheets.

All new employees must go through safety training to assure the correct and efficient locating and interpreting of the MSDS.

Blood Borne Pathogens

SAMPLE ONLY – MUST BE CUSTOMIZED FOR SPECIFIC LOCATION/FLEET

Exposure Control Plan (ECP) for Bloodborne Pathogens

Purpose

This document serves as the written procedures Blood borne Pathogens Exposure Control Plan (ECP) for MV Transportation. These guidelines provide policy and safe practices to prevent the spread of disease resulting from handling blood or other potentially infectious materials (OPIM) during the course of work.

This ECP has been developed in accordance with the OSHA Blood borne Pathogens Standard, 29 CFR 1910.1030. The purpose of this ECP includes:

- Eliminating or minimizing occupational exposure of employees to blood or certain other body fluids.
- Complying with OSHA's Blood borne Pathogens Standard, 29 CFR 1910.1030.

- Assuring exposed employees welfare is looked after.

Administrative Duties

The Safety Officer is responsible for developing and maintaining the program. A copy of the plan may be reviewed by employees. It is located in the Safety and Training office. In addition, the Safety and Training Manager is responsible for maintaining any records related to the Exposure Control Plan. This plan is current as of July 20, 20XX.

If after reading this program, you find that improvements can be made, please contact the Training and Safety Manager. We encourage all suggestions because we are committed to the success of our written ECP. We strive for clear understanding, safe behavior, and involvement from every level of the company.

Exposure Determination

We have determined which employees may incur occupational exposure to blood or OPIM. The exposure determination is made without regard to the use of personal protective equipment (i.e., employees are considered to be exposed even if they wear personal protective equipment).

Job Classes: Global Risk of Exposure

This exposure determination is required to list all job classifications in which employees may be expected to incur such occupational exposure, regardless of frequency. At this facility the following job classifications are in this category:

- Service or maintenance workers responsible for cleaning the interior of vehicles
- Any trained duties including providing CPR or first aid
- Operations Supervisors

Job Classes: Function-Specific Risk of Exposure

In addition, we have identified job classifications in which some employees may have occupational exposure. Not all employees in these categories are expected to have exposure to blood or OPIM. Therefore, tasks or procedures that would cause occupational exposure are also listed to further specify which employees have occupational exposure. The job classifications and associated tasks for these categories are as follows:

- Fueller / Cleaner
- Building and Grounds Technician

Compliance Strategies

This plan includes a schedule and method of implementation for the various requirements of the standard.

Universal precaution techniques developed by the Centers for Disease Control and Prevention (CDC) will be observed at this facility to prevent contact with blood or OPIM. All blood or OPIM will be considered infectious regardless of the perceived status of the source individual.

Engineering and Work Practice Controls:

Engineering and work practice controls will be used to eliminate or minimize exposure to employees at this facility. Where occupational exposure remains after institution of these controls, employees are required to wear personal protective equipment. At this facility the following engineering controls are used:

- Placing sharp items (e.g., needles, scalpels, etc.) in puncture-resistant, leak proof, labeled containers.
- Performing procedures so that splashing, spraying, splattering, and producing drops of blood or OPIM is minimized.
- Removing soiled PPE as soon as possible.
- Cleaning and disinfecting all equipment and work surfaces potentially contaminated with blood or OPIM. Note: We use a solution of ten parts water to one part bleach.
- Thorough hand washing with soap and water immediately after providing care or provision of antiseptic towelettes or hand cleanser where hand-washing facilities are not available.
- Prohibition of eating, drinking, smoking, applying cosmetics, handling contact lenses, and so on in work areas where exposure to infectious materials may occur.
- Use of leak-proof, labeled containers for contaminated disposable waste or laundry.

The above controls are examined and maintained on a regular schedule.

Hand-Washing Facilities

Hand-washing facilities are available to employees who have exposure to blood or OPIM. Sinks for washing hands after occupational exposure are near locations where exposure to blood borne pathogens could occur.

At this facility hand-washing facilities are located:

- At each end of the maintenance shop.

When circumstances require hand-washing and facilities are not available, either an antiseptic cleanser and paper towels or antiseptic towelettes are provided. Employees must then wash their hands with soap and water as soon as possible. Employees can find these hand-washing supplies:

- In the Parts Room first floor.

Supervisors make sure that employees wash their hands and any other contaminated skin after immediately removing personal protective gloves, or as soon as feasible with soap and water.

Supervisors also ensure that if employees' skin or mucous membranes become contaminated with blood or OPIM, then those areas are washed or flushed with water as soon as feasible following contact.

Needles

Employees may not bend, recap, remove, shear, or purposely break contaminated needles and other sharps. If a procedure requires that the contaminated needle be

recapped or removed and no alternative is feasible, then that employee must recap or remove the needle by using a mechanical device or a one-hand technique.

- Report the discovery of a hypodermic needle to your supervisor as soon as possible.

Handling Contaminated Needles and Other Sharps

The procedure for handling contaminated sharps is:

- Contaminated sharps are discarded immediately or as soon as possible in containers that are closeable, puncture resistant, leak proof on sides and bottom, and labeled or color coded. Exposure control equipment is located in the Safety Cabinet in the Fuel Island.

Work Area Restrictions

In work areas where there is a reasonable likelihood of exposure to blood or OPIM, employees are not to eat, drink, apply cosmetics or lip balm, smoke, or handle contact lenses. Food and beverages are not to be kept in refrigerators, freezers, shelves, cabinets, or on counter tops or bench tops where blood or OPIM are present.

Specimens

Specimens of blood or OPIM will be placed in containers, which prevent leakage during their collection, handling, processing, storage, and transport. Any specimen containers, which could puncture a primary container, will be placed within a secondary container, which is puncture resistant.

If outside contamination of the primary container occurs, the primary container shall be placed within a secondary container, which prevents leakage during the handling, processing, storage, transport, or shipping of the specimen.

Since we use universal precautions and specimen containers that are easily recognizable as such, we opt to take OSHA exemption not to label or color code these containers. This exemption applies only when specimens remain in the facility.

Contaminated Equipment

MV requires that equipment, which has become contaminated with blood or OPIM, must be decontaminated before servicing or shipping as necessary unless the decontamination of the equipment is not feasible. Our procedures for equipment decontamination are as follows:

- Use a solution of one part chlorine bleach per ten parts of water
- Perform procedures so that splashing, spraying, and splattering is minimized
- Remove soiled PPE as soon as possible
- Thorough hand washing with soap and water immediately after decontaminating equipment

Personal Protective Equipment:

All personal protective equipment (PPE) used at this facility is provided without cost to the employees. PPE is chosen based on the anticipated exposure to blood or OPIM. The protective equipment is considered appropriate only if it does not permit blood or

OPIM to pass through or reach the employees' clothing, skin, eyes, mouth, or other mucous membranes under normal conditions of use and for the duration of time which the protective equipment will be used.

MV makes sure that appropriate PPE in the appropriate sizes is readily accessible at the work site or is issued without cost to employees by:

- Annual record and use review
- Employee surveys

Hypoallergenic gloves, glove liners, powderless gloves, or other similar alternatives are readily accessible to those employees who are allergic to the gloves normally provided.

We purchase (when consumable), clean, launder, and dispose of personal protective equipment as needed by:

- Contracting American First Aid (EXCEPT FOR DISPOSAL)
- Contacting Health South FOR DISPOSAL

All repairs and replacements are to be made by qualified personnel.

Employees must remove all garments, which are penetrated by blood immediately or as soon as possible.

They must remove all PPE before leaving the work area. When PPE is removed, employees place it in a designated container for disposal, storage, washing, or decontamination.

Gloves

Employees must wear gloves when they anticipate hand contact with blood, OPIM, non-intact skin and mucous membranes; when performing vascular access procedures, and when handling or touching contaminated items or surfaces.

Disposable gloves used at this facility are not to be washed or decontaminated for reuse and are to be replaced as soon as practical when they become contaminated or as soon as feasible if they are torn, punctured, or when their ability to function as a barrier is compromised.

Utility gloves may be decontaminated for re-use provided that the integrity of the glove is not compromised.

Utility gloves will be discarded if they are cracked, peeling, torn, punctured, or exhibit other signs of deterioration or when their ability to function as a barrier is compromised.

Hypoallergenic gloves, glove liners, powderless gloves, or other similar alternatives shall be readily accessible to those employees who are allergic to the gloves normally provided.

Eye and Face Shields

Employees must wear masks in combination with eye protective devices, such as goggles or glasses with solid side shield, or chin length face shields, whenever splashes, spatter, or droplets of blood or OPIM may be generated and reasonably anticipated to contaminate eye, nose, or mouth. Those situations and the corresponding eye face protection include:

- Cleaning the interior of a vehicle which has been contaminated with blood or OPIM.
- On the job injury / illness

Other PPE

Additional PPE selections and such use of head nets, gowns, and foot covering may be necessary to ensure employee safety in regards to blood borne pathogens. Situations where these types of PPE would be necessary include:

- Cleaning up industrial accidents where blood or OPIM is present

Handling Regulated Wastes

When handling regulated wastes, other than contaminated needles and sharps, we make sure it is:

- Placed in containers which are closeable, constructed to contain all contents, and prevent fluid leaks during handling, storage, transportation, or shipping.
- Labeled or color coded and closed prior to removal to prevent spillage or protrusion of contents during handling, storage, transport, or shipping.
- Disposed of in accordance with applicable Federal, State, and Local regulations.

Handling Contaminated Laundry

Laundry contaminated with blood or OPIM is handled as little as possible. Such laundry is placed in appropriately marked (biohazard labeled, or color-coded red bag) bags at the location where it was used. Such laundry is not sorted or rinsed in the area of use.

Information and Training

MV ensures that blood borne pathogens trainers are knowledgeable in the required subject matter. We make sure that employees covered by the blood borne pathogens standard are trained at the time of initial assignment to tasks where occupational exposure may occur, and every year thereafter by the following methods;

- Tracking employee training records
- Initial training

Training is tailored to the education and language level of the employee, and offered during the normal work shift. The training will be interactive and cover the following:

- The standard and its contents.
- The epidemiology and symptoms of blood borne diseases.
- The modes of transmission of blood borne pathogens.
- MV Blood borne Pathogen ECP, and a method for obtaining a copy.
- The recognition of tasks that may involve exposure.
- The use and limitations of methods to reduce exposure, for example engineering controls, work practices and personal protective equipment (PPE).
- The types, use, location, removal, handling, decontamination, and disposal of PPEs.
- The basis of selection of PPEs.
- The Hepatitis B vaccination, including efficacy, safety, method of administration, benefits, and that it will be offered free of charge.

- The appropriate actions to take and persons to contact in an emergency involving blood or OPIM.
- The procedures to follow if an exposure incident occurs, including the method of reporting and medical follow-up.
- The evaluation and follow-up required after an employee exposure incident.
- The signs, labels, and color coding systems.

Additional training is provided to employees when there are any changes of tasks or procedures affecting the employee's occupational exposure. Employees who have received training on blood borne pathogens in the 12 months preceding the effective date of this plan will only receive training in provisions of the plan that were not covered.

Recordkeeping

Training records shall be maintained for three years from the date of training. The following information shall be documented:

- The dates of the training sessions;
- An outline describing material presented;
- The names and qualifications of persons conducting the training;
- The names and job titles of persons attending the training sessions.

Medical records shall be maintained in accordance with OSHA Standard 29 CFR 1910.20. These records shall be kept confidential, and must be maintained for at least the duration of employment plus 30 years. The records shall include the following:

- The name and social security number of the employee.
- A copy of the employee's HBV vaccination status, including the dates of vaccination.
- A copy of all results of examinations, medical testing, and follow-up procedures.
- A copy of the information provided to the healthcare professional, including a description of the employee's duties as they relate to the exposure incident, and documentation of the routes of exposure and circumstances of exposure.

Availability

All employee records shall be made available to the employee in accordance with 29 CFR 1910.20. All employee records shall be made available to the Assistant Secretary of Labor for the Occupational Safety and Health Administration and the Director of the National Institute for Occupational Safety and Health upon request.

Transfer of Records

If this facility is closed or there is no successor employer to receive and retain the records for the prescribed period, the Director of the NIOSH shall be contacted for final disposition.

Evaluation and Review

This program and its effectiveness is reviewed every year and updated as needed. All provisions required by this standard will be implemented by the Safety and Training manager.

Hepatitis B Vaccination Program

MV offers the Hepatitis B vaccine and vaccination series to all employees who have occupational exposure to blood borne pathogens, and post exposure follow-up to employees who have had an exposure incident.

All medical evaluations and procedures including Hepatitis B vaccine and vaccination series and post exposure follow-up, including prophylaxis are:

- Made available at no cost to the employee.
- Made available to the employee at a reasonable time and place.
- Performed by or under the supervision of a licensed physician or by or under the supervision of another licensed healthcare professional.
- Provided according to the recommendations of the U.S. public Health Service.

All laboratory tests are conducted by an accredited laboratory at no cost to the employee. Hepatitis B vaccination is made available:

- After employees have been trained in occupational exposure (see information and Training).
- Within 10 working days of initial assignment.
- To all employees who have occupational exposure unless a given employee has previously received the complete Hepatitis B vaccination series, antibody testing has revealed that the employee is immune, or the vaccine is contradicted for medical reasons.

Participation in a pre-screening program is not a prerequisite for receiving Hepatitis B vaccination. If the employee initially declines Hepatitis B vaccination but at a later date while still covered under the standard decides to accept the vaccination, the vaccination will be made available. All employees who decline the Hepatitis B vaccination offered must sign the OSHA- required waiver indicating their refusal.

If a routine booster dose of Hepatitis B vaccine is recommended by the U.S. public Health service at a future date, such booster will be made available.

Post-Exposure Evaluation and Follow-Up

All exposure incidents are reported, investigated, and documented. When the employee is exposed to blood or OPIM, the incident is reported to the Safety and Training Manager. When an employee is exposed, he or she will receive a confidential medical evaluation and follow-up, including at least the following elements:

- Documentation of the route of exposure, and the circumstances under which the exposure occurred. Identification and documentation of the source individual, unless it can be established that identification is infeasible or prohibited by state or local law. State or local laws may affect the investigation or documentation of exposure incidents.
- The source individual's blood shall be tested as soon as feasible and after consent is obtained in order to determine HBV and HIV infectivity. If consent is not obtained, the Safety and Training Manager establishes that legally required consent cannot be obtained. When the source individual's consent is not required by law, the source individual's blood, if available, will be tested and the results documented.

- When the source individual is already known to be infected with HBV or HIV, testing for the source individual's known HBV or HIV status need not be repeated.
- Results of the source individual's testing are made available to the exposed employee, and the employee is informed of applicable laws and regulations concerning disclosure of the identity and infectious status of the source individual.

Collection and testing of blood for HBV and HIV serological status will comply with the following:

- The exposed employee's blood is collected as soon as possible and tested after consent is obtained;
- The employee will be offered the option of having their blood collected for testing of the employee's HIV/HBV serological status. The blood sample will be preserved for up to 90 days to allow the employee to decide if the blood should be tested for HIV serological status.

All employees who incur an exposure incident will be offered post-exposure evaluation and follow-up according to the OSHA standard. All post exposure follow-up will be performed by Health South.

The healthcare professional responsible for the employees Hepatitis B vaccination is provided with the following:

- A copy of CFR 1910.1030.
- A written description of the exposed employee's duties as they relate to the exposure incident.
- Written documentation of the route of exposure and circumstances under which exposure occurred.
- Results of the source individuals blood testing, if available.

All medical records relevant to the appropriate treatment of the employee, including vaccination status.

MV obtains and provides the employee with a copy of the evaluating healthcare professional's written opinion within 15 days of the completion of the evaluation.

The healthcare professional's written opinion for post-exposure follow-up is limited to the following information:

- A statement that the employee has been informed of the results of the evaluation.
- A statement that the employee has been told about any medical conditions resulting from exposure to blood or OPIM which require further evaluation or treatment.

Note: All other findings or diagnosis shall remain confidential and will not be included in the written report.

Biohazard labels are affixed to containers of regulated waste, refrigerators, and freezers containing blood or OPIM, and other containers used to store, transport, or ship blood or OPIM. The universal biohazard symbol is used. The label is fluorescent orange or orange-red. Red bags or containers may be substituted for labels.

Blood products that have been released for transfusion or other clinical use are exempted from these labeling requirements.

PERSONAL PROTECTIVE EQUIPMENT

All maintenance employees, including Managers, Supervisors, Technicians, and Utility workers etc. who work in the maintenance department, are required to use personal protective equipment to assure their own personal safety.

Safety Glasses and Face Shields

Safety glasses must be worn at all times when working in the shop, fueling and cleaning vehicles. Every shop should have spare glasses for visitors and vendors who may walk or be working in the maintenance area.

Face shields must be worn when using compressed air or liquids to clean parts and when performing all wire wheel, grinding and cutoff wheel operations. Even though these machines are equipped with shields and guards, a face shield must be worn. The company will provide Safety Glasses and Face shields.

Safety Shoes

OSHA approved, leather constructed safety shoes must be worn at all times. Safety shoes are a condition of employment and must be provided by employee.

Chemical Masks

Chemical masks must be worn when using chemicals and cleaning solutions in a confined area. Employees should wear a cartridge-type respirator when spray painting, fine sanding, sandblasting or working in the same area of someone doing this work.

Protective Gloves

Employees working with chemicals and products, which could be hazardous to their health, must wear rubber gloves. Gauntlet gloves will be worn by welders when arc welding or cutting. The company will provide gloves.

Earplugs

Employees working around loud machinery and equipment shall wear earplugs to prevent damage to hearing. The company will provide earplugs.

HAND TOOLS

Hand tools are so simple and basic that we don't even think about them in terms of safety. But as anyone knows who's ever gotten a puncture wound from a screwdriver or chisel, or hit a finger instead of a nail with a hammer, there's no such thing as a foolproof instrument. The purpose of this meeting is to make sure we're not fools with tools.

General Hazards

Hand tools are really well-designed for their tasks. Problems arise from the way we use or handle them. Here are some of the types of injuries resulting from improper use of hand tools:

- Broken bones and bruises from tools that slip, fall, or are thrown
- Eye injuries from flying chips or flying pointed tools
- Cuts, severed arteries, and even finger amputations from saws or cutting tools that slip
- Puncture wounds from flying chips or pointed tools.

All of these injuries can and should be prevented by thinking ahead and thinking safety.

Safety Procedures

You shouldn't have any problem using hand tools if you keep these safety guidelines in mind.

- Use the right tool for the job. Select a wrench that's the right size. Don't use a nail hammer on a metal chisel or a file, or a screwdriver instead of a pry bar, or pliers instead of a wrench. Don't use standard sockets in lieu of an impact socket.
- Inspect tools before use to make sure they're in good condition.
- Discard or fix unsafe tools like:
 - dull saws
 - screwdrivers with broken tips or handles
 - hammers with chipped or loose heads or broken handles
- Use tools correctly and with common sense. Don't pull a knife toward you or use a screwdriver on something you're holding in your hand. Think about what would happen if the tool slipped and position yourself to avoid injury.
- Use protective equipment. If there's any danger of small flying objects, wear safety goggles. Don't wear loose clothes or jewelry that could get caught in the tools. Wear safety shoes if there's any risk of something falling on your foot.
- Store tools safely. Don't leave them where they could fall on someone or where an exposed sharp edge could come in contact with an exposed body.

Carrying Tools

A lot of injuries with hand tools occur when they're being carried from place to place or when they're left somewhere and forgotten.

Use a toolbox or belt. Make sure any pointed tools such as screwdrivers are carried with the pointed edges away from your body. If you're carrying tools up a ladder, haul them up in a bag or bucket and bring them down the same way. It's nearly impossible to hold on to a ladder and tools at the same time.

Even if you're only carrying one or two small tools a short distance in your pocket, be sure the points are not sticking up or toward your body.

Keep track of your tools and don't leave them lying around, especially if you're working above ground level. Too often, they're forgotten; an accidental kick or other movement can send them down on some unsuspecting person below. Even a small tool can deal a mighty blow when it comes at you that way.

Hand, don't throw, tools to another person. Pass them handle first. If pointed tools have a carrying case, pass them along in the case.

Suggested Discussion Questions

What are some of the kinds of injuries you can get from hand tools?

What are some of the hand tools we use on the job here?

What are some of the ways you can avoid hand-tool injuries?

What should you remember about carrying tools?

Are there any other questions?

Wrap-Up

Hand tools may not be the most hazardous items in the workplace, but that's the main reason why you have to make an effort to use them safely. They're so simple and basic that we forget that they can be dangerous if they're misused.

Hand Tools Safety Checklist

- Use the right tool for the job.
- Check that tools are in good condition before use.
- Use tools correctly.
- Position yourself so that if a tool that falls or slips it won't cause an injury.
- Wear safety goggles and clothes that won't get in the way of the tools.
- Store tools safely, with sharp edges away from people.
- Carry tools in a box or belt.
- Carry tools with sharp edges pointed away from your body.
- Haul tools up ladders in a container; don't carry them.
- Don't leave tools lying around, especially in locations above ground level
- Pass tools to another person handle first.

POWER TOOLS

One of the main hazards of power tools is that we tend to underestimate them. We don't realize that they have the same potential as their larger cousins to grab careless operators into points of operation such as saw blades, causing serious injuries.

In addition, like any electrical equipment, they pose the risk of fire, shock, or electrocution.

Finally, most power tools create dust, shavings, or other small flying objects that can be another source of injury.

Identifying Hazards

We're not going to review all the operating instructions for all the power tools we use today. What we are going to do is review the principles of safe power tool use, and I hope you home handymen will pay particular attention because most of this applies to what you do at home, too.

There are several general types of hazards you can encounter with these tools, all of which are easy to prevent.

- Unguarded points of operation.
- Electrical problems: bad cord insulation, poor connections, broke plugs.
- Flying pieces of scrap.
- Physical injury resulting from dropping a tool or straining to lift one.
- Defective tools or tools needing repair.

Protection against Hazards

When working with any tool, you should make every effort to keep your hands (and other body parts) away from the point of operation.

Most tools help you with that because they come with guards around the point of operation. As with larger pieces of equipment, however, not everyone takes advantage of the guards. They're removed intentionally, or during maintenance and repair, and not replaced.

Another built-in safety feature—required by OSHA in some instances—is an instant-off. You generally turn off these tools by either

- Releasing your finger from the switch you hold to keep it on, or
- A one-motion press or flip of an easily accessible button or switch.

In addition to the built-in protections, there are some easy ones you can add. One of the most important is safety goggles. They're your best safeguard against being injured by flying pieces of wood, metal, or spark.

Since most power tools are electric, you can protect yourself from fire and shock by being sure that the tool is grounded, cords are well insulated, and plugs and connections are good.

Safety Procedures

Power tool safety is mainly common sense. I'm sure you do most of these things automatically most of the time. Our aim here is to raise that percentage to 100 percent and eliminate accidents.

Here's what's important:

- Select the right tool for the job. Don't try to make them do something they're not designed for.
- Inspect each tool before use to make sure it's not missing anything.
- Check that the tool is in good working order: saw blades sharp, etc.
- Become familiar with the manufacturer's instructions and follow them.
- Practice electrical safety by:
 - making sure cord insulation is intact
 - using the correct plugs—3-pronged cords go into 3-pronged outlets
 - turning off tool and power before adjusting or repairing a tool.
- Wear safety goggles.
- Wear a face mask if you're creating a lot of dust.
- Don't wear loose clothes, ties, jewelry, or gloves that could get caught in the machinery.
- Keep the work area clean. Be especially careful of flammable liquids or liquid-soaked rags that could catch fire if ignited by a spark from the tools.
- Keep cords off the floor so no one trips over them.
- Store power tools in their assigned locations or, at the least, away from locations where they could fall on someone or get turned on accidentally by someone brushing against them.

Power Tool Safety Checklist

- Check that all power tools have guards around point of operations and one-move on/off switches.
- Keep body parts and clothes away from the point of operation.
- Select the right tool for the job.
- Inspect each tool before use.
- Follow manufacturer's instructions.
- Check electrical safety:
 - sound cord insulation
 - good insulation
 - outlets that match plugs.
- Turn off tool and power before adjusting or fixing a tool.
- Wear safety goggles.
- Wear a face mask if you're creating a lot of dust.
- Don't wear loose clothes, ties, jewelry, or gloves that could get caught in the machinery.
- Keep the work area clean. Be especially careful with anything flammable.

- Keep cords off the floor.
- Store power tools in their assigned locations.

LADDERS

Introduction/Overview

Ladders are pretty uncomplicated devices. But, unfortunately, they cause more than their share of accidents. That's not the ladders' fault. These accidents happen when people select the wrong ladder for the job, don't inspect it before using it, or get careless about how they use it.

The basics of ladder safety are a combination of a little bit of knowledge and a lot of common sense. Today we're going to go over the knowledge aspects of ladder safety so that you can apply your own common sense when you use them.

General Hazards

People often fall off ladders, resulting in injuries that can range from bruises to broken bones. Occasionally, the result is death. Falls account for almost 13 percent of workplace deaths and over 16 percent of workplace injury, and ladders are involved in many of those accidents.

There are several potential hazards when you work with a ladder:

- Poor condition. If a ladder is missing parts or has parts that are not intact, it's not going to be able to support a person safely. Frequent inspections are a key part of ladder safety.
- Improper selection. Not every ladder is right for every use. You should be aware of a ladder's weight and height limits. It's also critically important to never use a metal ladder near live electrical wires. Since metal conducts electricity, you could be electrocuted.
- Improper use. Ladders are designed to get you to a higher level. They are not platforms, scaffolds, skids, or braces and should be used only for their purpose.
- In addition, when you have to climb, use a ladder and not a chair, box, or other substitute.
- The way you use a ladder can also promote safety or cause accidents.

Identifying Hazards

Always inspect a ladder before you use it and include ladders in any general safety inspection. Whether the ladder is wooden or metal, check that:

- Steps and rungs are all in place, intact, free from grease or oil, have slip resistant surfaces, and are firmly attached.
- Support braces, bolts and screws are all in place and tight.
- Metal parts are lubricated.
- Rope is not worn or frayed.
- Spreaders or other locking devices are in place.
- Splinters or sharp edges are removed.
- Safety feet are in place.
- Metal ladders are not dented or bent.

If a ladder has anything missing or broken, don't use it. Tag it as defective and remove it from service.

Don't try to fix a ladder yourself. Often they can't be fixed and have to be destroyed, but leave that for experts to decide. A ladder that has been exposed to fire or corrosive chemicals is also a candidate for destruction. Don't use it.

Make sure that ladders are stored correctly, too.

They should be kept in dry areas with moderate temperatures and good ventilation. It's best to store them standing up. But if they have to be stored lying down, make sure they're supported at both ends and in the middle so they won't sag or warp. Nothing should be kept on a stored ladder either, or it will warp.

Protection Against Hazards

The first step in protection from safety hazards with ladders is to select the right ladder for the job.

First, ladders are rated by how much weight they can safely hold. The weight limits include both you and any equipment you're carrying.

- I-A means it can hold 300 pounds (heavy duty)
- I holds 250 pounds (heavy duty)
- II holds 225 pounds (medium duty)
- III holds just 200 pounds (light). These are generally not for use on the job.
- Check the ratings before you select a ladder.
- You should also be aware that there are limits on ladder length.
- A stepladder should be no more than 20 feet high.
- A one-section ladder should be no more than 30 feet.
- An extension ladder can go to 60 feet, but the sections must overlap.

Ladder Setup

Although you've used ladders numerous times, you may not be aware that there is a correct way to set one up. Following this procedure will go a long way toward preventing accidents:

- Place ladder on level surface; use wide boards under it if you're on soft ground.
- Set the feet so they're parallel with the surface the ladder rests against.
- Extend the ladder so there's at least 3 feet above the top support.
- Anchor the top and either tie the bottom or have someone hold it.
- Don't rest the ladder on a window or window sash or place it in front of a door unless it's locked or blocked.
- Position the ladder so that the distance from the ladder base to the wall is one-fourth the length of the ladder.
- Position an extension ladder before you extend it.

Safety Procedures

Once the ladder is set up properly, it's up to you to use it properly so you don't get hurt. As a starter, you shouldn't use a ladder at all if you have a real fear of heights or a tendency toward dizziness or fainting. With that in mind, here are the guidelines for safe ladder use:

- Only have one person on a ladder at a time.
- Wear shoes with clean, nonskid soles—not leather.
- Face the ladder while climbing up or down and hold the side rails with both hands.
- Carry tools up or down on a belt or with a rope or hoist, not in your hands.
- Work with one hand on the ladder, keeping your tools in a hanger or holder.
- Don't step on the top two stepladder steps or top four ladder rungs.
- Keep your body centered on the ladder so your belt buckle is between the side rails.
- Don't move a ladder while you're on it.
- Keep your own movements on a ladder slow and cautious.

One other safety hint

It's best to have two people carry a ladder. If, however, you have to carry one yourself, balance the center on your shoulder. Position it so the front end is above your head and the back end near the ground.

Wrap-Up

Ladders are certainly useful, and there's no reason for them to be the cause of accidents if you check them carefully before use, set them up safely, and exercise caution when working on them. You might want to keep these points in mind with the ladders you have at home, too. Give them a careful inspection; you may find yourself checking the home center ads for a replacement when you see what you've got.

Ladder Safety Do's and Don'ts Checklist

Do:

- Select a ladder that's the right length and weight capacity for the job.
- Inspect ladders before use.
- Make sure rungs or steps are in good condition, have non-slip surfaces, and are free of grease and oil.
- Keep metal parts lubricated.
- Check that there are no splinters or sharp edges.
- Check that support braces, bolts, screws, etc., are in good condition.
- Store ladders in a dry, well ventilated areas with moderate temperatures.
- Store ladders in the preferred vertical position or horizontally with supports at each end and in the middle.
- Position ladders on a firm level surface.
- Set ladder feet parallel to the surface it rests against.
- Anchor the ladder top.

- Have the ladder bottom tied or held.
- Extend the ladder at least 3 feet above the top support.
- Angle the ladder so the distance from the bottom to the wall equals one fourth the ladder's working length.
- Position an extension ladder before extending it.
- Wear shoes with clean, nonskid soles.
- Face the ladder when climbing up or down.
- Use both hands to climb.
- Carry tools up with a rope, belt, etc.
- Keep one hand on ladder while working.
- Keep tools in a holder while working.
- Keep between the side rails while working.
- Move slowly and cautiously on a ladder.

Don't:

- Use a ladder for any other purpose.
- Use boxes, chairs or anything else in place of a ladder.
- Use a metal ladder near live electric wires.
- Use a ladder with missing or broken parts.
- Use a ladder with worn or frayed rope.
- Use a ladder that's been exposed to fire or corrosive chemicals.
- Store anything on a ladder.
- Rest a ladder on a window or window sash.
- Place a ladder in front of a door unless it's locked or blocked.
- Allow more than one person on a ladder.
- Climb ladders if you're afraid of heights or tend toward fainting or dizziness.
- Move a ladder while you're on it.

HOIST AND LIFTS

All maintenance personnel at each division who will be using lifting equipment must be trained on the proper and safe way to lift the vehicles. The following training must be completed **prior to operating any vehicle lifting equipment.**

- Take attendance with a printed sheet of each technician in the class. All attendees must sign their name in the space provided on the attendance sheet.
- Perform 1 hour of classroom instruction on “safe and correct vehicle lifting.” This should include review of the vehicle manufacturer’s maintenance manual on instructions for proper lifting of vehicles.
- Perform approximately 2 hours of application and observation of the actual operating of the lift.
- Each student will have an objective task list regarding vehicle lifting. The instructor or maintenance manager will initial each task correctly completed by the student. The manager and student will sign the bottom of the task list in the spaces provided.
- Submit a written test with the technician’s signature on the test.

All maintenance personnel will attend these classes at their division **prior to operating any vehicle lifting equipment.** The following outline must be instructed to assure the technicians are proficient in the correct and safe operation of all types of lifting devices used by the company.

- Types of lifting devices.
 - Hydraulic floor jack
 - Bumper jack
 - Vehicle lift or hoist
 - Transmission jacks
 - Ramps
- Jack Safety Stands
 - To be used any time a vehicle is raised more than 4” from the bottom of the tire to the ground.
- Load capacity
 - Must be on each lifting device.
 - Must have proper rating for weight of equipment to be lifted.
- Operation
 - Correct location for each lifting situation.
 - Make sure you are on a solid level surface.
 - Stay alert and make sure all lifts are working properly and the vehicle raises and lowers in a level position.
 - Lower vehicle down onto safety stands and lower the lift down until the safety lock catches. Always make sure there is a mechanical lock that is in good working order on each lift.
 - When a shift change occurs, prior to beginning work, it is the responsibility of the new person assigned to work on the vehicle to inspect the lift and safety stands.
 - All lifts should be lowered to the ground if there is going to be an extended time that vehicles are not being worked on and at night if the shop is closed.

- Maintenance and Inspection
 - Inspect vehicle lifting devices on a routine basis.
 - Lubricate all points indicated by the manual.
 - Check cables and chains for any damage.
 - Check for any hydraulic leaks.
 - Check for safety lock operation.
 - Check for level and stability.
 - Inspect and check for proper operation.

FIRE SAFETY

Fire Extinguishers

Fire extinguishers are classified on the basis of what types of fires they are most effective in handling:

- CLASS A extinguishers should be used for fires involving ordinary combustible materials such as paper, wood, and textiles.
- CLASS B extinguishers should be used for fires involving flammable materials such as gasoline, oils, lacquer, thinner, paints, and greases.
- CLASS C extinguishers should be used for fires in electrical equipment.
- CLASS D extinguishers should be used for fires involving metals.
- Fire extinguishers are provided for use within specific areas and are considered "first aid" to control fire in the early stages.

Introduction/Overview

Most firefighting is best left to professionals, whether the trained group in this company or the local fire department.

But there are some small fires that we can handle ourselves with the portable fire extinguishers the company provides, and that's what we'll be talking about today.

Not all fire extinguishers are the same; they are designed to handle different types of fires. So it's very important to understand which to use when, because the wrong choice not only won't put out the fire, but could make it worse.

There are four types of fire extinguishers. Each one is designed for specific types and sizes of fires.

The fire extinguishers are labeled according to a system developed by the National Fire Protection Association. Let's look at them now.

Class A Extinguishers

Class A extinguishers are used to put out fires involving ordinary burnables like wood, paper, rags, cloth, or trash, when you want to wet down and cool the area. The extinguishers themselves may use water, water base, foam, loaded steam, or a multipurpose dry chemical to put out the fire.

Class A extinguishers also have a number; they're labeled 1-A, 2-A, etc. The higher the number, the larger the fire that the extinguisher can handle. A 2-A extinguisher can handle a fire twice as large as a 1-A; a 3-A three times as large as a 1-A.

Class A extinguishers, according to OSHA, have to be no more than 75 feet from the work area where they're likely to be used.

Most Class A fires are fairly small, and you must be careful not to make them bigger.

If, for instance, you have a wastebasket fire, be careful not to spread the fire by blowing the burning papers out of the wastebasket.

Class B Extinguishers

Class B extinguishers are used to put out fires involving gases or flammable liquids such as oil, gasoline, paint, solvents, and grease. The extinguishers may use carbon dioxide, foam, or dry chemicals to put out the fire either by cutting off oxygen or reducing flame.

Class B extinguishers also have numbers. With Class Bs, the numbers tell how many square feet the extinguisher can handle. A 5-B should be able to put out a five-square-foot fire, a 10-B a 10-square-foot fire, etc.

Class B extinguishers are required to be no more than 50 feet from the possible scene of the fire.

Class C Extinguishers

Class C extinguishers are used for fires involving or surrounding electrical equipment fires.

It's very important that you never use water on an electrical fire. Water conducts electricity and using it on an electrical fire could mean a dangerous shock for the person operating the extinguisher.

The Class C extinguishers usually use carbon dioxide or a dry chemical to put out fires. These extinguishers do not have numbers.

Combination Extinguishers

Combination ABC or BC extinguishers are used when a fire combines one or more of the three types of fires we've discussed.

Class D Extinguishers

Class D extinguishers are used for fires in combustible metals, including sodium, magnesium, zinc, potassium, powdered aluminum, and titanium. They're required in any operation that generates combustible metal powders, flakes, or shavings at least once in a two-week span, and have to be kept within 75 feet of where they would be used.

Class D extinguishers don't have numbers. They're considered for "special" hazard protection only.

We have extinguishers in the following categories (list) and here's where they're located (list).

Safety Procedures

Now you know what kind of extinguisher to use on what kind of fire. The actual operating procedure is fairly simple. You:

- Pull the pin
- Stand about eight feet from the fire
- Aim the hose at the base of the fire
- Squeeze the trigger.

However, aim is very important. If your first shot isn't on target you can lose it, because a fire extinguisher generally only lasts 3 to 20 seconds.

Remember that while you have to know how to identify and use fire extinguishers, that doesn't make you a firefighter. Don't try to be a hero. If the fire looks like it might be too big for you, don't even attempt to put it out. Let the professionals do it.

COMBUSTIBLE FLUIDS

Introduction/Overview

Many operations use flammable and combustible liquids such as gasoline, kerosene, solvents, strippers, alcohol, and benzene.

These liquids present an obvious danger. Even small amounts may cause fires or explosions. The danger is not the liquids themselves, but the fire or explosion risk that's created when their vapors mix with air and are exposed to an ignition source.

Often these vapors are invisible and odorless. They're heavier than air, so they sink and can build up at ground level. The greater the vapor concentration, the greater the chance of fire or explosion. The fires also tend to spread fast, so people can be badly injured or even die before emergency response teams can take action.

Flammable and combustible liquids are so common that the biggest risk is taking them for granted and forgetting their real hazards.

General Hazards

A combustible substance is one that has the ability to burn given the right conditions. A flammable substance is one that's more likely to burn and to burn more rapidly. Under certain conditions, these substances may also explode and cause an even greater disaster.

Flammable and combustible liquids are defined by their flash points. That's the lowest temperature at which a liquid gives off vapors in enough concentration to catch fire in the air.

- A combustible liquid is one with a flash point at or above 100° F.
- A flammable liquid has a flash point below 100° F.

The lower a liquid's flash point, the more likely its vapors are to ignite. Gasoline and benzene, for instance, both have low flash points.

To prevent fires and explosions, always keep flammable and combustible liquid vapors away from anything that could start a fire. Known as ignition sources, OSHA says these fire-starters include, but aren't limited to:

- Open flames
- Lightning
- Smoking
- Cutting and welding operations
- Hot surfaces
- Frictional heat
- Static, electrical, and mechanical sparks
- Spontaneous ignition, including heat-producing chemical reactions
- Radiant heat

Identifying Hazards

To work safely around flammable and combustible liquids, you have to know when they're present. Fortunately, that information is readily available.

Look for signs that identify storage buildings, rooms, and cabinets that contain flammables. The background or letters are usually red, to catch your attention, with words like:

- DANGER
- FLAMMABLE
- COMBUSTIBLE

Signs may also include more specific precautions like "No Smoking" or "Keep flames and heat away."

Smaller quantities of flammable liquids are kept in special storage cabinets that must be labeled FLAMMABLE—KEEP FIRE AWAY in large letters.

Container labels are still another source of information. The label will use words or the color red to tell you if a substance is a fire or explosion hazard.

To find out how serious the hazard is, check the MSDS for the liquid's flash point. Remember: the lower the flash point, the greater the hazard.

Be aware and informed about flammable and combustible liquids at all times. Read—and obey—all warning signs. And always check the hazard and protective information on labels and MSDSs before starting any job with a potentially hazardous substance.

Protection Against Hazards

Proper storage is one of the best ways to keep these liquids from causing fires or explosions. The OSHA regulation includes a number of aboveground and underground tank requirements designed to keep vapors from escaping and coming into contact with ignition sources. For example, OSHA requires protections like noncombustible construction, venting systems, and stable, fire-resistant supports or foundations. Aboveground tanks must be at least three feet apart, with dikes or drainage around them so leaks won't get into water supplies.

Smaller tanks or containers are kept only in special storage buildings, rooms, or cabinets. OSHA carefully defines the location and construction of these storage areas, as well as the maximum quantities they can hold. Storage buildings and rooms have to be fire-resistant, clearly marked and secured, and well-ventilated. They can't contain ignition sources such as furnaces or electrical panels. To allow effective firefighting if necessary, OSHA doesn't permit us to store water-reactive chemicals with flammables and combustibles.

Here are some other OSHA requirements to prevent fires and explosions in areas where these liquids are stored:

- Keep area free of weeds, debris, and other combustible materials.
- Stack portable containers so they nest—and never stack containers of 30 gallons or more in inside storage rooms.

- Keep exits and stairways clear.
- Maintain a clear aisle at least three feet wide.
- Provide at least three feet clearance around sprinklers.

As added protection, OSHA requires fire-resistant construction for the storage tanks and containers that hold flammable and combustible liquids. Tanks and containers must also have emergency venting devices to prevent pressure buildup when they're exposed to heat.

Even the safety cans you use for up to five gallons of flammable liquids must meet fire-prevention design standards. These containers have to have:

- Leak-tight, corrosion-resistant metal or plastic construction
- Spring-closing lid and spout cover
- Venting devices to prevent hazardous vapor pressure buildup

Many also have flame arresters that absorb and dissipate heat before it reaches the contained liquids.

This careful attention to flammable and combustible liquid storage goes a long way toward preventing fires and explosions. But these substances wouldn't be around if we didn't sometimes have to use them. So we also have to know and follow important precautions every time we open, handle, or use a container.

Safety Procedures

The first safety rule to follow is simple: Keep all flammables and combustibles away from sources of ignition. Never smoke or light a match anywhere near a flammable or combustible liquid. Keep these substances away from open flames and hot work. Use non-sparking tools and, when necessary, explosion-proof electrical equipment.

It's just as important to keep the flammable or combustible vapors out of the air. Always keep containers closed when they're not in use. Treat empty containers that have held flammable and combustible liquid as carefully as full ones. Just a little residue can give off the same dangerous vapors.

When you need a flammable or combustible liquid for a job, follow these OSHA rules:

- Take only the amount you need for the job.
- Transfer or withdraw the liquids either outdoors or in a ventilated area that's either fire-resistant or far enough from other operations to be safe.
- Have fire extinguishers located close by.
- Be sure there's drainage or some other way to control spills.
- Be prepared to clean up any spills quickly and correctly.
- Use a method that prevents spills or static electricity—either a closed piping system or grounding.

Keep in mind that it's the vapors, not liquids that are the fire and explosion risk. Clothes, rags, or other combustible items that absorb liquids can also give off vapors and ignite. So follow these precautions:

- Keep the work area clean and free of dust, paper, and debris.

- Promptly remove any clothing that absorbs flammable or combustible liquids.
- Place oily rags and similar debris in proper closed metal containers, which must be emptied daily.

One last thing: Fire and explosion may not be the only hazards of flammable and combustible liquids. Read the MSDS carefully, and keep these liquids away from any reactive substance. Don't risk any listed health hazards that are linked to inhaling, swallowing, or skin or eye contact.

You will often need to use PPE to prevent exposure to health hazards. Any PPE must, of course, be selected, fitted, worn, and decontaminated properly.

Wrap-up

Almost every business and home contains some flammable and combustible liquids. Just because they're common doesn't mean they're not potentially dangerous.

Vapors from these liquids can easily start a fire or explosion if they contact an ignition source. The fires can start fast and spread faster. So take every precaution.

- Read and follow all safety instructions on container labels, warning signs, and MSDSs.
- Store flammables and combustibles in the proper areas and containers.
- Take just what you need for a job and keep containers closed when not in use.
- Keep all ignition sources far from flammables and combustibles.
- Transfer and withdraw liquids carefully and correctly, and clean up any spills immediately.

ELECTRICAL SAFETY

Introduction/Overview

Electricity provides us with lights and power, both on the job and at home. It's such a normal part of our lives that we often forget that all that power can be dangerous, too.

We've all experienced minor electric shocks, but shocks can be severe enough to kill. Careless use of electricity causes 10 percent of job-related deaths, as well as many serious injuries.

Our objective today is to get an idea of how electricity works, and learn how to identify potential hazards and use electricity safely. We'll also learn about certain particularly risky jobs that can only be performed by specially trained, qualified workers, and how all workers can be protected when working around live wires and parts. At the end of the session, you'll receive an electrical safety "Do's and Don'ts" list that you can use as a reminder. It should be as useful to you at home as it is here on the job.

General Hazards

A key reason for all these protections is to prevent a major electrical hazard: shock. That's what happens when electric current goes through you because a wire isn't properly enclosed, or has defective insulation, or because you make direct contact with "live" electricity like a power line. The risk grows with length of contact with electric current, especially if the current enters your body near your heart. The ultimate electric shock is electrocution, and it doesn't take much electrical power to kill you.

Instant death is not electrical shock's only hazard. It can cause pain, loss of muscle control and coordination, internal bleeding, damage to nerves, muscles, or tissues, and cardiac arrest. It could also cause you to fall and be injured.

There's an even greater risk of shock if you mix electricity with water. You've all read warnings about being careful with hair dryers and other appliances in the bathroom. The reason is that water, especially when it creates moisture in the air or on the skin, can change what's normally resistant to electricity—like your body—into something that conducts electricity. So if you plug in something electric with wet or sweaty hands, you will get a shock.

Another hazard is electric burn. If you touch overheated equipment, or if current flows through your body, you can end up with serious burns of skin and/or internal tissues.

If you overload circuits or equipment, you could encounter still another electrical hazard: overheating that causes a fire or explosion. This is especially dangerous in areas that contain flammable or explosive substances.

Identifying Hazards

To use electricity safely, you have to be able to identify its most common hazards. Most occur in everyday work situations, rather than the specific electrical tasks covered by the new OSHA standard. Electrical repair should be left to skilled, trained people. So if you spot one of these hazards, don't touch anything. Report it to Division Management Team immediately so electricians can make the proper repairs.

Here are the hazards to watch out for:

- Loose electrical connections
- Cords with no insulation or frayed insulation
- Plugs that don't match their outlets—like a three-pronged plug in a two-pronged outlet
- Non waterproof cords used outdoors
- Equipment running over capacity
- Tools that smoke, smell, spark, or shock
- Wires running across the floor
- Electrical cords left near heat or water
- Electrical cords used around hazardous flammable or explosive materials and not designed for that use
- Extension cords instead of permanent wiring.

Protection Against Hazards

As we've discussed, a properly designed electrical system has many built-in protections—such as grounding individual wires and large electrical equipment, fuses, or circuit breakers to shut off overloads, and ground-fault circuit interrupters to detect leaks and cut off power.

For additional protection against overloads, electrical wires, cords, and equipment often have labels identifying their voltage and current capacity. Cords designed for special uses—outdoors, areas with flammable or combustible substances—are also labeled.

Protective Clothing and Equipment

The new electrical safety standard also requires us to provide—and you to use—appropriate protective equipment. The protective gear you need to keep from becoming an electricity conductor varies by job, but may include:

- Nonconductive head protection
- Eye and face protection
- Tools with insulated handles
- Rubber gloves
- Rubber clothing
- Rubber-soled boots or shoes or rubber mats to stand on.

The standard also warns against wearing metal jewelry like watches or rings, or aprons that may have embedded metal because they could make you an electricity conductor.

Protective equipment must, of course, match the specific hazard and be carefully inspected, tested, and maintained.

The OSHA regulation further protects you from contacting exposed energized parts by requiring employers to use protective shields, barriers, or insulating materials. To make sure no one makes a mistake, exposed energized parts may have warning signs and tags, and even barricades or an attendant to keep you out of harm's way.

The new standard emphasizes procedures to prevent the often fatal contact of workers and their conductive tools and equipment with overhead lines. Before a job around overhead lines starts, the lines must either be de-energized or grounded by the appropriate organization or must have protective measures like guarding, isolating, or insulating in place.

Unqualified workers, as well as the longest conductive objects they hold, must stay at least 10 feet from an energized power line. Vehicles usually have to stay at least 10 feet from the line also, unless insulating barriers or similar protections will prevent contact.

To protect against another high-risk situation, the standard prohibits employees from "reaching blindly" into areas that may contain energized parts. A confined space with exposed energized parts has to have protective shields, barriers, or insulating materials to protect workers from contact.

Safety Procedures

There are a number of commonsense safety procedures that can help prevent electrical accidents. You probably already do much of this. If you don't, start making these procedures a habit.

Inspect electrical equipment and wires before use to make sure they're properly insulated and grounded and that electrical connections are tight.

Don't de-energize live parts unless you've been trained as a qualified person. A qualified person must follow specific procedures to turn off power at the switch box, then lock out and tag the switch so it can't be turned on accidentally. A tag can be used alone with at least one other protective measure if it can be proved as safe as a lock. And a lock can be used alone on a single circuit or piece of equipment when lock out is completed on one shift.

There are times when de-energizing isn't feasible—for instance, if you're testing energized circuits or when de-energizing would deactivate emergency alarms. In those cases, all other protections must be used to prevent accidents. And once work on the equipment is done, the qualified employee follows specific procedures to re-energize it.

Use protective equipment such as rubber gloves or boots when you work with electrical equipment.

Read—and follow—the manufacturer's instructions for your equipment.

Avoid using extension cords whenever possible; check with Division Management Team or with the maintenance department before you handle anything electric.

Inspect portable equipment, including extension cords, before each use and turn in anything that's defective or damaged.

Be sure electric plugs match their receptacles; never alter a plug.

Don't fasten cords with staples.

Make sure your hands are dry before you handle anything electric.

Don't use any piece of electrical equipment that sparks, smokes, smells, or shocks. Mark it "Out of Order" and report it to Divisions Management Team immediately.

Be especially cautious around flammable liquids, vapors or dust, or any area that might have held them. Ventilate the area before you start work and use only electrical equipment identified as safe for that use. And keep an eye on the equipment to avoid sparks or high heat that could start a fire.

When using long conductive objects like ducts or pipes around exposed live parts, be sure to use insulation, guarding and other protections.

Never use a metal ladder around live electricity.

Always obey barriers, signs, and other warnings to stay away from electrical equipment.

Good Housekeeping

Good housekeeping also includes safety procedures that help prevent electrical fires. We're not talking pots and pans here. We mean keeping your equipment and work area clean and organized and disposing of trash properly. Specifically:

- Keep machines and tools properly lubricated.
- Don't let grease, dust, or dirt build up on machinery.
- Don't leave machinery or heating equipment running unattended after working hours.
- Leave at least three feet of work space around electrical equipment so it can be reached for repair or maintenance.
- Keep the work area clean. It's especially important to properly dispose of paper, sawdust, oily rags, or anything that could burn.
- Don't leave cords tangled or lying across an area where people walk.

First Aid

These safety procedures, and your caution and common sense, should prevent serious electrical problems here. But it's still a good idea to know what to do if there is an accident. Here's a brief rundown.

Shock. Don't touch a shock victim. Call for professional medical help and, if you can do it safely, turn off the power that's giving the shock. Use a stick or something that won't conduct electricity to push the person away from the wire or equipment that caused the shock.

If you can do that, have the victim lie down, covered lightly, until help comes. If breathing has stopped, give artificial respiration. If the heart has stopped and you know CPR, this is the time for it. If you don't know CPR, call for someone who does.

Electrical burn. Rinse with cold water and cover with a clean dry cloth. If it's a major burn, cover it with a clean dry cloth and get immediate medical attention.

Electrical fire. Notify firefighters immediately. Don't touch the burning object or use water on it. If you can do it safely, unplug or turn off the current. You can put out a very small fire with a CO₂ or multipurpose ABC extinguisher, or with baking soda. But unless it's very small or you've had special firefighting training, wait for the professionals.

Wrap-Up

Electricity is a fact of modern life, and it's a good thing, too. What would we do without lights, tools, and machines, not to mention TVs, stereos, and refrigerators? But when you think about all the power coming through those wires to run that equipment, it only makes sense to take some precautions. Especially when you consider that a mistake can kill you.

So leave work on energized electrical systems to qualified workers and obey tags and signs that tell you to stay away. Make it a point to check out your electrical equipment and wires before you use them. Don't handle anything electric with wet hands. Keep your equipment clean and in good shape. And if anything doesn't look, sound, smell, or work quite right, turn it off and report it immediately. We don't want to take any chances on anyone getting electrocuted or burned here.

Electrical Safety Do's and Don'ts Checklist

DO:

- Check wiring to make sure it's
 - properly insulated
 - the right choice for the job (e.g., labeled for use outdoors or in work areas with hazardous substances).
- Check that electrical connections are tight.
- Match plugs and outlets (three-pronged plugs go in three-pronged outlets only).
- Read and follow manufacturer's instructions for electrical equipment.
- Leave work on energized equipment to qualified workers.
- Obey warnings to stay away from electrical circuits and locked-out equipment.
- Wear rubber gloves and any other assigned protective clothing and equipment.
- Keep machines and tools lubricated.
- Keep the work area clean, and promptly and properly dispose of oily rags, paper, sawdust, or anything else that could burn.
- Keep electrical equipment clean.
- Inspect electrical tools before each use.
- Report any electrical tool, equipment, or wire problems immediately.

DON'T:

- Overload motors, circuits, or outlets.
- Run cords along the floor.
- Use temporary wiring except in emergencies.
- Put anything but a plug into an electrical outlet.
- Place cords near heat or water.
- Touch anything electric with wet hands.
- Leave machinery or heating equipment running unattended after working hours.
- Let cords get twisted or tangled.
- Get closer than 10 feet to a power line (if you're an unqualified employee).

- Reach blindly into a space that may contain energized equipment.
- Wear metal jewelry when working with electrical appliances.
- Use a power tool that smokes, sparks, smells, or shocks.

LOCK OUT TAG OUT

Introduction/Overview

Every year, people are killed on the job by machinery. All too many of those deaths could have been prevented by following lock out/tag out procedures to turn off machinery that is being cleaned or repaired or that is not working properly.

Here are some real-life examples:

- An untrained worker was feeding scrap cardboard into a shredder. When the shredder jammed, he tried to fix it without turning off the machine. His arm got caught and pulled into the shredder and he bled to death.
- A worker was inside a cement mixer, cleaning it. Another worker, who didn't know anyone was inside the machine, turned it on and the worker inside was crushed.
- A plant superintendent tried to fix an overhead crane without disconnecting the main electrical switch that operated it. He stood on a metal fence, touched a live wire, and was electrocuted.

These tragic examples of accidental death could have been prevented by following lock out/tag out procedures. They also make it clear that everyone has to be aware of the importance of shutting off power to machinery when it's being fixed, cleaned, or maintained.

Even if you don't operate heavy equipment, you could accidentally get in its way if it's not properly disconnected. So today we're going to review and practice our lock out/tag out procedures to make sure no employee or civilian is ever hurt by equipment that should have been shut down.

General Hazards

Because the deaths associated with lock out/tag out failure are so terrible and so preventable, OSHA has studied them to determine the most common causes. Most of the accidents occurred with moving machinery, electrical equipment, and vehicles. The main reasons for the deaths were:

The machine or piece of equipment was not completely shut off before a maintenance or repair operation. You not only have to turn off the machine itself, but also the power source that goes to it.

The machine was turned on accidentally, either out of carelessness or because the person who turned it on didn't realize that another worker was there and could get hurt. That's what happened in the example I gave about the worker who was inside the cement mixer.

The machine wasn't working correctly. In these instances, the people who knew about the problem didn't fix it, or turn off and tag the malfunctioning machine. Someone who didn't know about the problem used it and was killed.

Moving equipment wasn't blocked. For instance, a truck parked on a slope could roll if it was turned off but didn't have the brake on or the wheels blocked.

Safety procedures were inadequate or hadn't been properly explained to workers. That speaks for itself. If there is no lock out/tag out procedure, or the procedure exist on paper and are not enforced, there's bound to be trouble. That trouble can get even worse if people who aren't trained or authorized operate dangerous equipment or just plain don't think about what could happen when they're working around machinery.

All these hazards are avoidable as long as everyone knows and follows the rules.

Identifying Hazards

Any powered machinery or electrical equipment that could move in a way that would put people in danger is a hazard that can be prevented by lock out/tag out. You also have to be alert to equipment that could roll, fall, or move onto a person after it's shut down.

The hazards occur under the following circumstances:

- Repair
- Maintenance
- Cleaning
- Mechanical or operational problems
- Machinery that's thought to be fully turned off but isn't.

Protection Against Hazards/Safety Procedures

(Note: This section explains basic lock out/tag out procedures which may vary considerably depending on the equipment and the company. So be sure to add the specific details that describe your company's procedures.)

The key point of lock out/tag out procedures is to shut down completely machinery and electrical equipment before repair, maintenance, and cleaning. Here's the six-step shutdown procedure:

Before shutdown. Before shutdown, the authorized employee must know the type and magnitude of the energy, the hazards of the energy to be controlled, and the method or means to control the energy. The authorized employee must notify all affected employees of the lock out.

Shutdown. The authorized employee shuts down the machine or equipment by the normal stopping procedure (pressing the stop button, moving the switch to the "off" position, etc.)

Isolation. The main power switches, circuits, or other sources of energy are moved to the "off" position or otherwise rendered inoperative.

Lock out. Locks are placed on switches or other energy sources in the "safe," or "off" position. During a group lock out, all members of the group must add their own locks to the lock out. Warning tags should be placed with each lock.

Energy release. All potentially hazardous stored or residual energy (such as that in springs, elevated parts, rotating flywheels, hydraulic systems, electrical systems, and air, gas, steam, or water pressure, etc.) is relieved, disconnected, or otherwise made safe by repositioning, blocking, bleeding down, etc. (If there is a possibility of re-accumulation of stored energy to a hazardous level, verification of isolation shall be

continued until the servicing or maintenance is completed, or until the possibility of such accumulation no longer exists.)

Testing. After ensuring that no personnel are exposed, and as a check on having disconnected the energy sources, the authorized employee operates the push button or other normal operating controls to make certain the equipment will not operate.

CAUTION: Return operating control(s) to the "neutral" or "off" position after the test.

The equipment is now locked out.

The bottom line here is simple: Never try to clean, repair, or perform maintenance on any piece of machinery or equipment without completing lock out/tag out.

There's a second bottom line, too, that applies to everyone who even gets into the vicinity of a machine: Don't touch, much less operate, any piece of equipment or machinery unless you are trained and authorized to do so, and don't touch anything that's locked and tagged unless you are responsible for working on it and are sure the power is disconnected.

Wrap-Up

Lock out/tag out procedures are a commonsense precaution to make sure that machines and people don't accidentally tangle. It's absolutely critical that no power go to a machine that's being worked on. And it's also critical that you go through every step of the process to make sure that the machines are not going to take anyone by surprise.

Not everyone is responsible for performing the tasks that require lock out/tag out first. But every person that works here is responsible for:

- Reporting any machine problems or malfunctions
- Recognizing a locked and tagged out machine and staying away from it.

This procedure is solely for your protection. Learn it and follow it.

Lock out/Tag out Checklist

- Before shutdown, make sure that the authorized employee knows the type, magnitude, and hazards of the energy to be controlled.
- Verify that the employee knows the method or means to control the energy.
- Instruct the employee to inform all affected employees of the lock out.
- The employee then stops the equipment by the usual method.
- Once the machine is turned off, the main power switches, circuits, etc., should be turned off.
- Locks should be placed on the switches (or other energy sources) in the "off" or "safe" position.
- In a group lock out, all members of the group must add their locks to the lock out.
- Warning tags should be affixed with each lock.
- Any stored or residual energy is then eliminated.
- With no one near the equipment, the employee tests it by attempting to start it up in the usual manner.

Vehicle Lock Out Procedures

Overview

Each division must have a documented procedure for tagging and placing vehicles out of service and should receive training to explain the pre described procedure. There should be one common outline to follow in the out of service procedures then the division must adapt the outline to fit the daily needs and operations of the department. In addition each technician must understand and perform a sufficient lock out tag out program implemented by the Maintenance Manager.

Outline

Employees should demonstrate and understand the following requirements.

Out of service procedures

Mark vehicle noting out of service and disable when not being repaired

Not OOS vehicle on the maintenance OOS board

Tag vehicle out in dispatch and notify dispatcher

Reverse Procedures when placing vehicles back into service

Lock Out Tag Out procedures

When LO/TO is necessary?

What LO/TO procedures are necessary?

The limitations of LO/TO?

Who is responsible for LO/TO?

Out of Service Marking

A MV Transportation Inc. OUT OF SERVICE marking will be placed upon the driver side windshield of any vehicle that is not safe to operate or the appropriate out of service steering wheel cover should be used which can be purchased through the National account "Edcor Safety". All Company employees shall be trained to recognize the marking and to abide by it. Any use of a marked vehicle shall be considered a "serious unsafe act".

The marking may not be removed and the vehicle may not be put into service until it has been repaired and put back into service by the Maintenance Department. This should be considered a minimum requirement.

FUELING

Fueling, Daily Vehicle Service and Inspection

Fueling and service shall be performed daily on all equipment that has been in service that day. The process used shall follow **MV Transportation Fuel & Service Policy VM-009**. A copy of that policy is located in the Policy Section of this manual.

It is the responsibility of the General Manager to insure that Policy VM-009 is followed by those assigned to fuel and service vehicles where no shop exists or where persons other than Maintenance Department personnel are assigned the fuel and service tasks.

Fuel Dispenser Nozzle Clips

For safety and environmental reasons, **MV Transportation Policy VM-022** must be followed with regard to all Divisions that have their own fuel tanks. A copy of that policy is located in the Policy Section of this manual.

Fuel & Fluid Storage Tank Compliance

The Company is dedicated to compliance and helping the Customer comply with all laws and regulations governing the use and maintenance of fuel and fluid storage tanks.

The General Manager and Maintenance Manager must be aware of the location, piping and all relevant information concerning storage tanks located on the property occupied by the Company. Both must clearly understand and meet all the Company's responsibilities regarding the regulation and maintenance of all tanks including any that are not in current use.

Monthly compilation of fuel usage from the daily and monthly compiled sheets is the responsibility of the Maintenance Manager unless specifically directed otherwise.

It is necessary for the General Manager and the Maintenance Manager to know the capacity and shape of all storage tanks so that the depth can be used to calculate gallons.

Fuel storage tanks should be routinely checked for any indication of water and contaminants.

Any indication of water or contaminants in the tank shall cause the company Director of Maintenance to be contacted immediately and prior to talking to the customer or any government agency.

The Maintenance Manager and the General Manager are accountable for testing as required by law.

FORKLIFT OPERATION PLAN

This written Forklift Operation Program establishes guidelines to be followed whenever any of our employees work with powered industrial trucks at this company. The rules established are to be followed to:

- Provide a safe working environment,
- Govern operator use of powered industrial trucks, and
- Ensure proper care and maintenance of powered industrial trucks.

The procedures here establish uniform requirements designed to ensure that powered industrial truck safety training, operation, and maintenance practices are communicated to and understood by the affected employees. These requirements also are designed to ensure that procedures are in place to safeguard the health and safety of all employees.

It is our intent to comply with the requirements of OSHA's 29 CFR 1926.600, 1926.602(c), and 1926.441 for construction activities. These regulations have requirements for powered industrial truck operations, including that for battery care and charging. We also comply with applicable requirements of design, construction, stability, inspection, testing, maintenance, and operation of ASME/ANSI B56.1-1969, Safety Standard for Low Lift and High Lift Trucks. However, the powered industrial trucks we operate in our storage and maintenance yards and warehouses comply with 29 CFR 1910.176 and 1910.178.

Administrative Duties

The Maintenance Manager is our Forklift Operation Program Coordinator, acting as the representative of the plant manager, Manager, who has overall responsibility for the plan. Copies of this written program may be obtained from the Maintenance Manager.

POWERED INDUSTRIAL TRUCKS AT OUR WORKPLACE

MV TRANSPORTATION uses these powered industrial trucks as follows:

Make and model	Class	Quantity	Purpose	Location

TRAINING

Maintenance Manager will identify all new employees in the employee orientation program and make arrangements with department management to schedule training.

Before we begin training a new employee, our Forklift Operation Program Administrator, the Maintenance Manager determines if the potential powered industrial truck operator is capable of performing the duties necessary to be a competent and safe driver. This is based upon his/her physical and mental abilities to perform job functions that are essential to the operation of the vehicle.

These capabilities include the level at which the operator must:

- See and hear within reasonably acceptable limits. This includes the ability to see at distance and peripherally. In certain instances, it is also necessary for the driver to discern different colors, primarily red, yellow and green;
- Endure the physical demands of the job; and
- Endure the environmental extremes of the, such as the ability of the person to work in areas of excessive cold or heat. An operator must be able to climb onto and off of a truck, to sit in the vehicle for extended periods of time, and to turn his/her body to look in the direction of travel when driving in reverse.

Once our Administrator determines that a potential operator is capable of performing powered industrial truck duties, the following person(s) will conduct initial training and evaluation:

Maintenance Manager. This/These instructor(s) has the necessary knowledge, training, and experience to train new powered industrial truck operators. His/Her/Their qualifications include: Successful completion of National Safety Council's Forklift Truck Operators Training Course and past practical experience in training forklift operators.

Initial Training

During an operator's initial training, the instructor(s) combine(s) both classroom instruction and practical training to assure the best possible coverage of the necessary material.

Our classroom instruction includes the following formats: Powered Industrial Truck Operator Training Power Point presentation downloaded from OSHA's web site. A booklet is given to students and a written test is given. Out of Classroom instruction covers hands on review of the equipment, a simulation of the pre-trip inspection, and a skills test.

Our practical training includes these formats: Review of the students' potential ability to safely use the powered equipment, review the test with each student, and demonstrate proper inspection, safety issues, and maneuverability demonstrations. All powered industrial truck operators are trained and tested on the equipment they will be driving before they begin their job.

Each type of powered industrial truck has a different "feel" to it, and that makes operating it slightly different from operating other industrial trucks. The work areas where these trucks are being used also present particular hazards. For these reasons, it

is impractical to develop a single "generic" training program, which fits all of our powered industrial trucks. Accordingly, during training, MV TRANSPORTATION covers the operational hazards of our powered industrial trucks, including:

- Hazards associated with the particular make and model of the truck;
- Hazards of the workplace; and
- General hazards that apply to the operation of all or most powered industrial trucks.

See Appendix A for company-specific hazards of both our powered industrial trucks and our workplace.

Each potential operator who has received training in any of the elements of our training program for the types of trucks which that employee will be authorized to operate and for the type of workplace in which the trucks will be operated need not be retrained in those elements before initial assignment in our workplace if MV TRANSPORTATION has written documentation of the training and if the employee is evaluated to be competent.

Training Certification

After an employee has completed the training program, the instructor will determine whether the potential driver can safely perform the job. At this point, the trainee will take a performance test or practical exercise through which the instructor(s) will decide if the training has been adequate. All powered industrial truck trainees are tested on the equipment they will be driving.

The Maintenance Manager is responsible for keeping records certifying that each employee who has successfully completed operator training and testing. Each certificate includes the name of the driver, the date(s) of the training, and the signature of the person who did the training and evaluation.

Training is done in house. See the attached current copy of the training material and the course outline.

PERFORMANCE EVALUATION

Each certified powered industrial truck operator is evaluated once each year to verify that the operator has retained and uses the knowledge and skills needed to drive safely. The Maintenance Manager does this evaluation. If the evaluation shows that the operator is lacking the appropriate skills and knowledge, the operator is retrained by our instructor(s). When an operator has an accident near miss or some unsafe operating procedure is identified, the employee will be retrained.

Current Certified Truck Operators

Under no circumstances shall an employee operate a powered industrial truck until he/she has successfully completed this company's powered industrial truck training program. This includes all new operators regardless of claimed previous experience. The following table lists employees by department who are currently authorized operators of our powered industrial trucks at this company:

Department	Employee name	Make and model

INSPECTIONS

Pre-Operational Inspection Procedures

The company requires operators to perform pre-operational equipment checks on powered industrial trucks prior to the beginning of each shift in which those trucks will be utilized, to ensure the safe operating condition of the vehicle. The pre-operational check is performed by third shift completing a daily truck inspection checklist.

See an attached sample form. A supply of these forms is provided in each charging and parking area within user departments.

No blank spaces are allowed on the form. If an item does not apply, we use the code N/A. We also require that operators fill out the comment section thoroughly and accurately if there are any operational or visual defects.

That way our Maintenance Department can pinpoint and repair the problem before the truck becomes unsafe to operate.

Our pre-operational inspection procedures used by operators are conducted by daily filling out an operator's daily report. (See appendices)

The Maintenance Manager is responsible for retaining all daily truck inspection checklist forms for each vehicle for six months.

Periodic Inspection Procedures

Periodic inspections are in conjunction with the particular powered industrial truck's maintenance or service schedule. Maintenance schedules are normally expressed in days and operating or running hour's an. outside vendor perform(s) inspection and maintenance. Most manufacturers' operator instruction manuals contain the recommended maintenance schedule. Authorized workshops and/or service technicians do inspections and maintenance or repair beyond the recommended service schedules.

Operating Procedures

Powered industrial trucks can create certain hazards that only safe operation can prevent. That is why we have created sets of operating procedures. Our operating procedures follow.

Driving

Driving a powered industrial truck is fundamentally different than driving a car or other trucks. In fact, powered industrial trucks:

- Are usually steered by the rear wheels,
- Steer more easily loaded than empty,
- Are driven in reverse as often as forward,
- Are often steered with one hand, and
- Have a center of gravity towards the rear, shifting to the front as forks are raised.

Unlike cars, some powered industrial trucks have a greater chance of tipping over when suddenly turned. Because of the design of powered industrial *trucks*; *they have a* very short rear wheel swing. This means that, at high speeds, sudden turns can tip them and could result in serious injury and damage. Speed can cause the center of gravity to shift dramatically. Similarly, speeding over rough surfaces can cause tipping.

Although structurally different than cars, powered industrial trucks, like cars, can collide with property and people. Therefore it is our policy for all operators to use the utmost care when operating the Powered Industrial Truck. Load Lifting and Carrying

Powered industrial trucks can lift only so much. Each truck has its own load capacity which is indicated on the rating plate. Powered industrial trucks also have three-point suspension that forms an imaginary triangle from the left front wheel to the right front wheel to the point between the two back wheels. The center of gravity for a powered industrial truck must lie somewhere within this triangle or else the truck will tip over. The load and its position on the forks, as well as traveling speed and slopes, all affect the center of gravity. Loads, themselves, have gravity with which to contend. Loads need special care so that they do not fall. In order to prevent tipping and load falling hazards, it is required only proper lifting; driving, and moving are allowed at any time.

FUEL HANDLING AND STORAGE

Some of our powered industrial trucks operate with highly flammable and combustible fuels.

The storage and handling of liquid fuels such as gasoline and diesel fuel are done in accordance with NFPA Flammable and Combustible Liquids Code (NFPA 30-1969).

The storage and handling of liquefied petroleum gas fuel is done in accordance with NFPA Storage and Handling of Liquefied Petroleum Gases (NFPA 58-1969).

All employees who handle or use flammable liquids are to follow the guidelines for pressurized gas handling.

Carbon Monoxide Awareness

Powered industrial trucks with internal combustion engines produce carbon monoxide (CO), an odorless, colorless, and deadly gas produced by the incomplete burning of any material that contains carbon. These materials include gasoline, natural gas, propane, coal, and wood. The most common source of CO is the internal combustion engine. Trucks, cars, forklifts, floor polishers, pressure washers, or any other machine powered by fossil fuels generates CO.

If inhaled, CO restricts the ability of your blood system to carry oxygen to the body tissues, which need it. Overexposure combined with less oxygen results in carbon monoxide poisoning. Mild poisoning can result in headaches, tightness in the chest, dizziness, drowsiness, inattention, fatigue, flushed face, or nausea. If you continue exposure lack of coordination, confusion, weakness, or loss of consciousness may result. A heart condition, smoking, taking drugs or alcohol, and pregnancy can aggravate CO poisoning. Physical activity, too, can make a situation worse that's because your body needs more oxygen to exert itself. Severe poisoning can kill you within minutes, sometimes without warning symptoms. The more CO there is in the air and the longer the exposure, the greater the danger.

Personal Protective Equipment (PPE)

We have assessed our workplace and determined that the hazards, which threaten our operators, include: Slip and fall, burn or frostbite.

For this reason, we require that our powered industrial truck operators wear the following PPE and equipment Safety Shoes and Gloves, Apron, and Face Shield if changing fuel tanks.

All operators required to wear this equipment are trained:

- When PPE is necessary;
- What PPE is necessary;
- How to properly put on, take off, adjust, and wear PPE;
- Limitations of the PPE; and
- Proper care, maintenance, useful life, and disposal of PPE.

See the Written Personal Protective Equipment Program for more details.

Pedestrians

Because powered industrial trucks are typically used near pedestrians, we require both pedestrians and powered industrial truck operators to watch out for each other.

All powered industrial truck operators must: Yield to pedestrians.

All pedestrians must: Use care around Powered Industrial Trucks.

MAINTENANCE

Investing time and effort into the proper upkeep of our equipment results in day-to-day reliability. Keeping up with the manufacturer's recommended maintenance and *lubrication* schedules, and completing the proper records, will also increase *our* trucks' longevity and enhance its resale value.

The Maintenance Department will complete a receiving or delivery inspection whenever our company purchases powered industrial trucks, and he/she/they perform the recommended "breaking in" inspections and maintenance.

Proper maintenance procedures will require following the manufacturer's operator instructor manual for daily or weekly maintenance.

Periodic maintenance (those completed monthly, every six months, or annually) is done by a factory-trained-expert, or a dealer or by a maintenance employee qualified to do so.

Safety Strategies for Infectious Diseases

In order to minimize the exposure of the public, personnel, and property to hazards and unsafe conditions, LAVTA has implemented multiple strategies throughout the workplace and protocols consistent with the guidelines of the Centers for Disease Control and Prevention (CDC) as well as the Transportation Security Administration (TSA), the Division of Occupational Safety and Health of California (Cal/OSHA), and local health authorities.

Some of these mitigations are permanent installations and will continue to be used and maintained. LAVTA will continue to monitor and follow the strictest of guidelines published on the websites of the CDC, TSA, and Alameda County Public Health Department, with regard to infectious diseases, current or future. Please see below for websites.

Documented strategies implemented for COVID-19 pandemic:

Personal protective equipment (PPE) ordered and provided for employees and the public.

- Masks and gloves were ordered and provided daily throughout the COVID-19 pandemic
- Mask mandates when interacting or in the same space with unvaccinated persons or for all as directed by health authorities
- Installation of driver germ barriers to minimize transmission (permanent)

Enhanced sanitization protocols.

- Daily vehicle fogging/disinfection, including high-touch surfaces on-board vehicles
- Disinfection of common public spaces at the Transit Center
- Installation and maintenance of hand sanitizer stations (permanent)
- Installation of continuous on-board air purification systems (permanent)
- Upgraded to more effective ventilation filters and maintained ventilation systems on transit vehicles and administrative offices (permanent)

Social Distancing

- Limited capacity on transit vehicles to allow social distancing; implemented extra standby vehicles to respond to passenger overloads as needed
- Work-from-home policy implemented during peaks of infectious disease cases or as recommended or required by local health guidance
- Implementation of remote meetings
- Temporary free fare implementation and rear-door boarding when possible to minimize interactions and transmission
- Physical distancing in all communal areas for unvaccinated or at-risk workers

Sick Leave Policies

- Compliance with federal legislation for sick leave, at-risk workers, and compensation
- Mandated sick leave, quarantines, and clear test results for return to work in case of exposure or disease, complying with current guidelines from health authorities

Communication

- Communication to employees about infectious disease prevention procedures and Emergency Temporary Standards outlined by health authorities and facilitation for employees getting vaccinated
- Daily in-person or virtual health checks upon entering facilities
- Conduct contact tracing for employees or contractors with any signs of infectious disease or close contacts with disease

Websites:

CDC www.cdc.gov

TSA www.tsa.gov

Cal/OSHA www.dir.ca.gov/dosh

Alameda County Public Health Department acphd.org

RESOLUTION NO. 24-2022

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE LIVERMORE
AMADOR VALLEY TRANSIT AUTHORITY ADOPTING THE UPDATED
LAVTA PUBLIC TRANSPORTATION AGENCY SAFETY PLAN**

WHEREAS the Federal Transit Administration (FTA) requires that public transportation systems receiving federal funds develop a Public Transportation Agency Safety Plan (PTASP) that includes the processes and procedures to implement a Safety Management System (SMS); and

WHEREAS the PTASP is a required document that must be reviewed at least annual and updated if necessary; and

WHEREAS LAVTA has updated the PTASP to comply with new requirements of the Bipartisan Infrastructure Law;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the Board of Directors to adopt LAVTA's revised PTASP.

APPROVED AND PASSED this 6th day of June 2022.

Karla Brown, Chair

ATTEST:

Tamara Edwards, Interim Executive Director

AGENDA

ITEM 6

STAFF REPORT

SUBJECT: Paratransit Operations and Maintenance Contract

FROM: Toan Tran, Director of Operations and Innovation

DATE: June 6, 2022

Action Requested

Authorize the Interim Executive Director to enter into an MOU with Central Contra Costa Transit Authority (CCCTA) and award a joint Paratransit Operations and Maintenance (O&M) to Transdev, for a period of four base years with one additional option year, commencing on July 1, 2022.

Background

In February 2021, the Board of Directors approved a one-year pilot project, in which CCCTA and LAVTA, would consolidate services, and County Connection would manage LAVTA Paratransit services, using one contractor. An Ad Hoc Committee was formed to oversee the project and receive reports from staff to determine the success of the project. In December 2021, both the County Connection Board and LAVTA Board approved the release of a joint Request for Proposals (RFP) in which both services would be operated by one contractor, and both agencies would continue to share resources, while leveraging cost and streamlining the service for end-users.

The RFP was released on January 13, 2022 and proposals were due on April 6, 2022. A virtual pre-proposal conference with 12 participants was held on January 26. Two proposals were received from the following firms:

- Transdev
- Rydetrans

Discussion

In order to select a qualified firm that offers the “Best Value,” proposals were rated in six categories and assigned points (1,100 total) as noted below.

Evaluation Criteria	Scoring
Financial viability, firm experience, and corporate support	250
Qualification/experience of key personnel, thoughtful leadership	250
Creative approach/integration and value added	100
Service improvement/implementation plan	200
Reasonable cost	200
Retention of current employees	Bonus Points 100

The evaluation committee consisted of Rashida Kamara (CCCTA), Toan Tran (LAVTA), Jeanne Krieg (Tri Delta Transit), Rob Thompson (WestCAT), and Christian Kent (ADA Consulting). The committee reviewed the technical proposals to determine the relative strength of each firm. Both firms provided excellent implementation plans and creative approaches in their proposals. The panel reviewed the proposals in early-April and subsequently conducted interviews via teleconference on April 13 with the two proposers, including their proposed key staff. Following evaluation of the written proposals and interviews, the panel indicated the overall consensus that CCCTA and LAVTA would be best served by Transdev, whose overall score was 1,010 points to 828 points of Rydetrans.

Because of its proposed management team's tenure with CCCTA and LAVTA systems, Transdev ranked higher in most categories. In addition, Transdev proposed several technology upgrades, including same day trip booking and chatbox, and competitive wages for its staff to help with retention. Some of the highlights from Rydetrans' proposal include local corporate support and using in-house vehicles and operators for LAVTA's service. Given that Transdev is the incumbent, a contract transition will not be required, thus minimizing service disruption.

Budget

Due to uncertainties with service demand, the cost is structured in four tiers to allow flexibility in the event service levels fluctuate. The tier ranges from 65% pre-COVID level to 100% pre-COVID level. Similar to the current contract, monthly cost comprises of fixed fee and variable cost. The contract term includes a four-year base plus a one-year option.

As a result of LAVTA and CCCTA sharing resources, the fixed fee will be allocated 75% to CCCTA and 25% to LAVTA. These percentages are calculated based on each agency's revenue hours as a percentage of the total. In addition to the fixed fee, the software fee for Trapeze licenses and maintenance will also be allocated. It is anticipated that LAVTA will follow Tier 3 for the first year of the contract, from July 1, 2022 to June 30, 2022. The annual cost estimate is \$1,789,759, which is much lower than anticipated. This includes variable cost of \$1,044,200, fixed fee of \$726,434, and software fee of \$19,125.

Fiscal Impact

Expenses associated with the first year of the new MOU with CCCTA and contract with Transdev is included in the FY 2022-23 budget. The approved budget was \$3,231,200.

Recommendation

Staff recommends that the Board of Directors authorize the Interim Executive Director to enter into an MOU with Central Contra Costa Transit Authority (CCCTA) and award a joint Paratransit Operations and Maintenance (O&M) Contract to Transdev, for a period of four base years with one additional option year, commencing on July 1, 2022.

Attachment

1. Resolution 28-2022 – MOU with CCCTA

Approved: _____

RESOLUTION 28-2022

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
AUTHORIZING THE INTERIM EXECUTIVE DIRECTOR TO ENTER IN AN MOU
WITH CENTRAL CONTRA COSTA TRANSIT AUTHORITY (CCCTA) AND AWARD
A JOINT PARATRANSIT OPERATIONS AND MAINTENANCE CONTRACT TO
TRANSDEV**

WHEREAS, In February 2021, the Board of Directors approved a one-year pilot project, in which CCCTA and LAVTA, would consolidate services, and CCCTA would manage LAVTA Paratransit services, using one contractor; and

WHEREAS, an Ad Hoc Committee was formed to oversee the project and receive reports from staff to determine the success of the project; and

WHEREAS, in December 2021, both the County Connection Board and LAVTA Board approved the release of a joint Request for Proposals (RFP) in which both services would be operated by one contractor, and both agencies would continue to share resources, while leveraging cost and streamlining the service for end-users; and

WHEREAS, the RFP was released on January 13, 2022 and proposals were due on April 6, 2022; and

WHEREAS, two proposals were received from Transdev and Rydetrans; and

WHEREAS, following evaluation of the written proposals and interviews, the panel indicated the overall consensus that CCCTA and LAVTA would be best served by Transdev;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Livermore Amador Valley Transit Authority to authorize the Interim Executive Director to enter into an MOU with CCCTA and award a joint Paratransit Operations and Maintenance (O&M) Contract to Transdev, for a period of four base years with one additional option year, commencing on July 1, 2022, in a form approved by Legal Counsel; and

PASSED AND ADOPTED this 6th day of June 2022.

Karla Brown, Chair

Attest:

Tamara Edwards, Interim Executive
Director

AGENDA

ITEM 7

STAFF REPORT

SUBJECT: Election of LAVTA Chair and Vice Chair

FROM: Jennifer Suda, Executive Assistant

DATE: June 6, 2022

Action Required

Elect a new Chair and Vice Chair of the LAVTA Board of Directors for FY23. Per the Bylaws, the Chair should represent the County and the Vice Chair should represent the City of Dublin.

Background

Sections 4.03 and 4.04 of LAVTA Bylaws read as follows:

- 4.03** Term of Office. The Chair and Vice Chair shall serve one (1) year terms of office commencing on July 1 of each year. There shall be no limit on the number of terms that a Director may serve as Chair or Vice Chair. The Chair shall rotate among the four Members on an annual basis with a Pleasanton, County, Dublin, and Livermore sequence.
- 4.04** Qualifications. In casting votes for Chair and Vice Chair, members of the Board may consider the candidate's leadership qualities, ability to conduct meetings of the Board expeditiously and fairly, and willingness to represent and implement positions adopted by the Board when such positions are at variance with his/her political views, as well as any other factors deemed pertinent.
- 4.05** Nomination and Election of Officers Nomination and election of officers shall be carried out in such a manner and schedule as determined by the Board of Directors.

Next Steps

Per the Bylaws of the Authority, the Chair shall appoint the members of the Committees and the Chair of each committee subject to Board approval. If there are fewer than three standing committees, the Chairs of committees will be from jurisdictions other than that of the Chair and Vice-Chair.

The following is the current membership of the two LAVTA committees:

Project & Services Committee

Jean Josey (Dublin), Chair

Gina Bonanno (Livermore), Vice Chair

David Haubert (County of Alameda)

Karla Brown (Pleasanton)

Finance & Administration Committee

Brittini Kiick (Livermore), Chair

Kathy Narum (Pleasanton), Vice Chair

Melissa Hernandez (Dublin)

Board members should advise the Board Chair if they would like to be considered for a different committee assignment within the next two weeks. At the July Board meeting the Chair will bring back recommendations for both committee membership and Chair positions for Board consideration.

Recommendation

Nominate and elect a LAVTA Board Chair and Vice Chair for FY23 in accordance with the agency's bylaws.

Approved: _____

AGENDA

ITEM 8

INTERIM EXECUTIVE DIRECTOR'S REPORT

May 2022

Ridership

Our average weekday ridership continues to trend up thus far in May. During the first week in May, we topped 3,800 passengers for the first time since March of 2020 and are averaging about 3,660 riders per weekday. Our average weekday ridership in pre-COVID May of 2019 was 6,455, so we are still down about 43 percent.

MTC Institutional Transit Pass Pilot Program

Since the Fare Integration Task Force unanimously adopted a Bay Area Transit Fare Policy Vision Statement in November 2021, the BART and MTC staff on the project team have been focused on delivering the first identified action, an Institutional Transit Pass Pilot Program with a focus on educational institutions, affordable housing property managers that are existing customers of transit agency institutional passes, and employers of various sizes. The Institutional Transit Pass Pilot will provide “all you can use” transit access to pilot participants. The pilot program targets five educational institutions, none of which are in our service area. It also includes major employment centers in downtown San Jose, San Francisco, and Oakland. We do not expect much utilization of our service by pilot participants, but MTC has allocated \$4.5 million for the pilot program, and in year 2 of the pilot MTC will look at utilization to align funding with actual revenue impacts based on usage and reduce/eliminate any revenue risk to operators from participating in the pilot. To launch the Institutional Transit Pass Pilot Program in August 2022, each transit operator that is part of the Clipper system will need to formally consent to participate. Board action is not required, and we have informed MTC that we will participate.

United Seniors of Oakland and Alameda County

Supervisor Nate Miley, and staff members from the United Seniors of Oakland and Alameda County reached out to LAVTA for some assistance. Their staff would like a tour of our facility, and some help with trip planning on our routes in order to do travel training here in the Tri-Valley. Additionally, they are having an event at the Fairgrounds on July 29th and would like help in coordinating travel for their members. They are looking for information on how to get participants from the BART station, and locations within the Tri-Valley to their event and in possibly coordinating Dial-A-Ride services.

Rutan Facility Landscaping

The Board approved the contract award for the overhaul of the landscaping at the Rutan Facility at the April Board meeting. Work on this project started on April 25th with removal of most of the current landscaping. The original plan was for all the trees to remain, as well as some of the shrubs that currently skirt the employee outdoor break area. However, in review of these shrubs they also need to be replaced as they have deteriorated from when the plans were first drawn. These have been removed and new shrubs similar in size will replace them. Additionally, the irrigation backflow that was thought to need repairing, in fact needs replacement. These changes and some others will be brought to the Board next month for approval. The second phase will involve replacing the current irrigations system with one that will use considerably less water.

Livermore Police Department Explorer Program Training Exercise on Wheels Bus

The Livermore Police Department approached us about helping with a training exercise for their Explorer Program. The Explorer Program provides educational training opportunities for young adults to help them gain insight on the purposes, mission and objectives of law enforcement and offers hands-on career orientation experiences, leadership opportunities and community service activities. On Saturday June 11 from 9am-1pm, the Explorer Program participants will train on a number of scenarios that will be staged on a bus that will be parked in front of our facility.

Dublin Parking Garage Update

LAVTA staff is working with the state to reprogram cost savings achieved following completion of the Tri-Valley Hub Study to the parking garage construction budget and extend the time period for the construction phase to encompass the schedule the County established in the contract with the design-builder.

Attachments:

1. Board Statistics April 2022
2. FY22 Upcoming Items

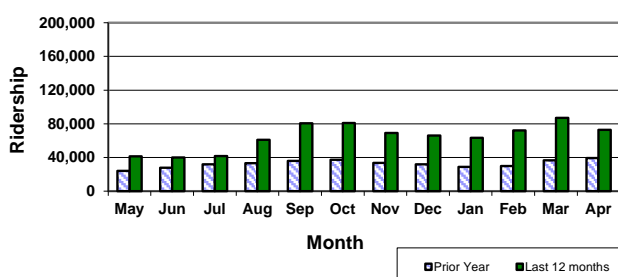
Monthly Summary Statistics for Wheels

April 2022

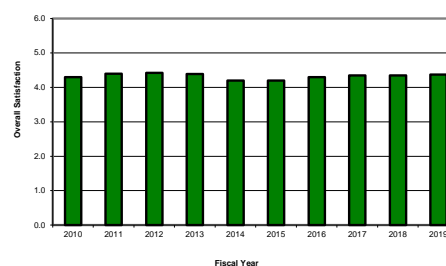
FIXED ROUTE

	April 2022			% change from one year ago		
Total Ridership FY 2021 To Date	694,800			105.1%		
Total Ridership For Month	72,768			85.6%		
Fully Allocated Cost per Passenger	\$13.33			-43.1%		
	Weekday	Saturday	Sunday	Weekday	Saturday	Sunday
Average Daily Ridership	3,029	1,103	911	104.4%	18.0%	28.1%
Passengers Per Hour	11.0	7.5	6.2	102.2%	18.8%	27.6%
	April 2022			% change from last month		
On Time Performance	91.1%			1.6%		

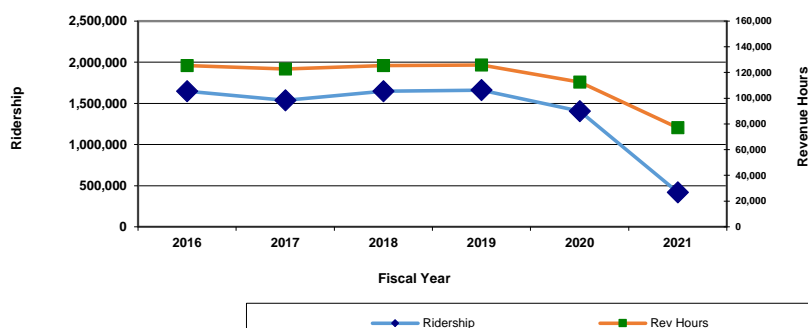
Monthly Unlinked Boardings
Last 24 Months



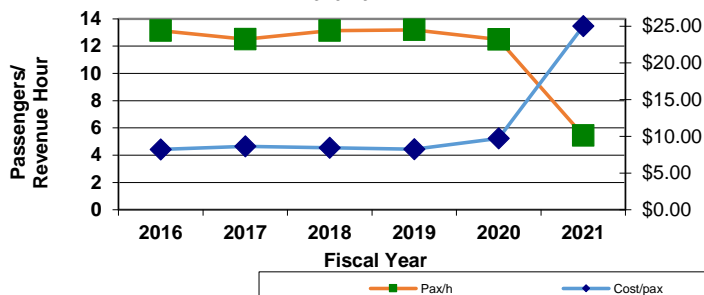
Historical Customer Service Survey
Results



Annual Unlinked Boardings and Revenue Hours
FY2016-2021



Full Cost Per Passenger and Passenger Per Hour
FY2016-2021



Monthly Summary Statistics for Wheels

April 2022

PARATRANSIT

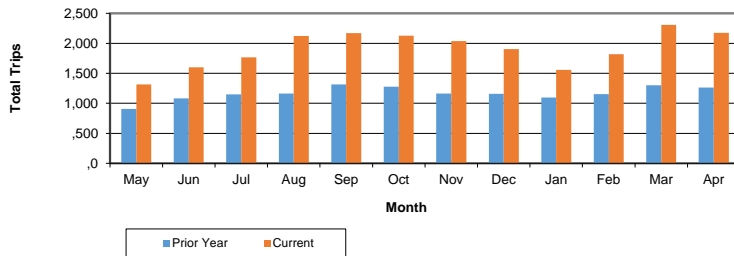
General Statistics	April 2022	% Change from last year	Year to Date
Total Monthly Passengers	2,177	72.4%	19,993
Average Passengers Per Hour	1.85	70.5%	1.65
On Time Performance	95.5%	-3.0%	0.97
Cost per Trip	\$46.63	-46.1%	52.59
Number of Paratransit Assessments	0	n/a	0
Avg. wait time for reservation calls (in minutes)	0:02:30	n/a	0.00

*There were no in-person assessments due to Covid-19, but the applicants received temporary presumptive eligibility based on their application

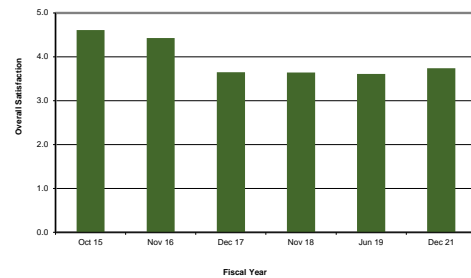
and doctor's verification until the in-person assessments can be resumed.

Missed Services Summary	April 2022	Year to Date
1st Sanction - Phone Call	0	0
2nd Sanction - Written Letter	0	0
3rd Sanction - 15 Day Suspension	0	0
4th Sanction - 30 Day Suspension	0	0
5th Sanction - 60 Day Suspension	0	0
6th Sanction - 90 Day Suspension	0	0

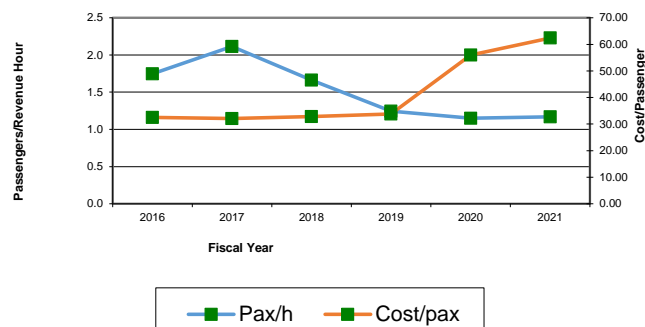
Paratransit Monthly Unlinked Boardings



Historical Customer Service Survey Results



Paratransit Full Cost Per Passenger and Average Passengers Per Hour FY2016-2021



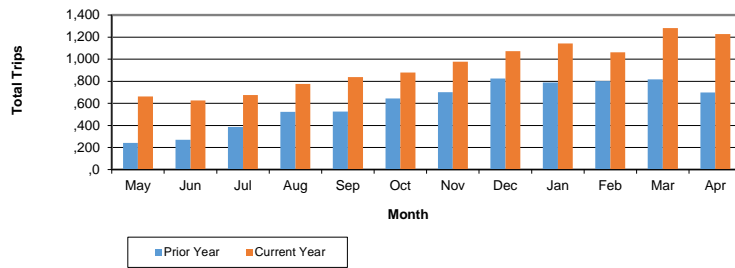
Monthly Summary Statistics for Wheels

April 2022

GO TRI-VALLEY

General Statistics	April 2022	% Change from last year	Year to Date
Total Monthly Passengers	1,227	75.5%	9,932
Subsidy Cost/Trip	\$ 4.88	n/a	4.73

Go Tri-Valley Monthly Trips



Monthly Summary Statistics for Wheels
April 2022

SAFETY								
ACCIDENT DATA	April 2022				Fiscal Year to Date			
	Fixed Route		Paratransit		Fixed Route		Paratransit	
Total	2		0		19		0	
Preventable	1		0		14		0	
Non-Preventable	1		0		5		0	
Physical Damage								
Major	1		0		6		0	
Minor	1		0		13		0	
Bodily Injury								
Yes	0		0		2		0	
No	2		0		17		0	
MONTHLY CLAIMS ACTIVITY	Totals							
Amount Paid								
This Month	\$20,826.92							
To Date This Fiscal Year	\$31,807.49							
Budget	\$100,000.00							
% Expended	32%							
CUSTOMER SERVICE - ADMINISTRATION								
CATEGORY	Number of Requests							
	April 2022	Year To Date						
Praise	0	3						
Bus Stop	3	28						
Incident	0	7						
Trip Planning	1	10						
Fares/Tickets/Passes	1	14						
Route/Schedule Planning	3	52						
Marketing/Website	0	7						
ADA	0	7						
COVID Inquiries	0	5						
Lost/Found	1	7						
TOTAL	9	140						
CUSTOMER SERVICE - OPERATIONS								
CATEGORY	FIXED ROUTE				PARATRANSIT			
	VALID	NOT VALID	UNABLE TO VALIDATE	VALID YEAR TO DATE	VALID	NOT VALID	UNABLE TO VALIDATE	VALID YEAR TO DATE
Praise	2	0	0	15	0	0	0	1
Safety	2	0	0	12	1	0	0	2
Driver/Dispatch Discourtesy	1	0	0	6	1	0	0	2
Early	0	0	0	5	0	0	0	0
Late	0	0	0	11	0	0	0	9
No Show	0	1	0	3	0	0	0	1
Incident	0	0	0	5	0	1	0	4
Driver/Dispatch Training	0	0	0	13	0	0	0	4
Maintenance	0	0	0	0	0	0	0	1
Bypass	0	1	0	28	0	0	0	0
TOTAL COMPLAINTS	3	2	0	83	2	1	0	23
Valid Complaints								
Per 10,000 riders	0.41							
Per 1,000 riders					0.92			

LAVTA COMMITTEE ITEMS - June 2022 - October 2022

Finance & Administration Committee

June

	Action	Info
Minutes	X	
Treasurers Report	X	

July

	Action	Info
Minutes	X	
Treasurers Report	X	
LAIF	X	
FTA Funding Resolutions 5307 & 5309 (last in '21)	X	
*Typically July committee meetings are cancelled		

August

	Action	Info
Minutes	X	
Treasurers Report	X	

September

	Action	Info
Minutes	X	
Treasurers Report	X	

October

	Action	Info
Minutes	X	
Treasurers Report	X	
Annual Comprehensive Financial Report (ACFR)	X	
TDA Triennial Audit (last in '19)	X	

LAVTA COMMITTEE ITEMS - June 2022 - October 2022

Projects & Services Committee

June

Minutes

Action

X

Info

July

Minutes

*Typically July committee meetings are cancelled

Action

X

Info

August

Minutes

Action

X

Info

September

Minutes

DAR Customer Satisfaction Survey

Passenger Surveys

Action

X

X

X

Info

October

Minutes

Winter Service Changes (effective February)

Action

X

X

Info