LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY

Altamont Regional Rail Working Group

DATE: Wednesday, March 8, 2017

PLACE: Diana Lauterback Room LAVTA Offices

1362 Rutan Court, Suite 100, Livermore, CA

Please Note Teleconference Location:

San Joaquin County Administration Building

44 N. San Joaquin Street, Room 637

Stockton, CA 95202

TIME: 1:30pm – 4:00pm

Working Group Members:

Alameda County - Supervisor Scott Haggerty, Chair

City of Tracy – Mayor Pro Tem Veronica Vargas, Vice Chair

San Joaquin County – Supervisor Bob Elliott

City of Dublin – Mayor David Haubert

City of Livermore - Mayor John Marchand

City of Pleasanton – Mayor Jerry Thorne

SJRRC/ACE – Board Chair Bob Johnson (Lodi)

BART - Board Member John McPartland

LAVTA – Board Chair Steven Spedowfski (Livermore)

Innovation Tri-Valley Leadership Group - Dale Kaye, CEO

East Bay Leadership Group – Josh Huber, Policy Director

San Joaquin Partnership – Michael Ammann, CEO

AGENDA

- 1. Call to Order and Pledge of Allegiance
- 2. Roll Call of Members
- 3. Public Comment
 - Members of the audience may address the Advisory Group on any matter within the general subject matter jurisdiction of the Altamont Regional Rail Working Group.
 - Speaker cards are available at the entrance to the meeting room and should be submitted to the Executive Director of the Livermore Amador Valley Transit Authority.
 - Public comments should not exceed three (3) minutes.
- 4. Minutes

Recommendation: Approve minutes

5. Project Options/DMU Concept and Legislation

Recommendation: Approve legislative language

6. Adjournment. The next meeting date is scheduled for April 12, 2017

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

/s/ Jennifer Suda 3/3/17
LAVTA, Administrative 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:

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

Altamont Regional Rail Working Group

DATE: January 11, 2017

PLACE: Tracy City Hall, Conference Room 203

333 Civic Center Plaza, Tracy CA 95376

TIME: 1:30pm – 4:00pm

Working Group Members:

Alameda County - Supervisor Scott Haggerty, Chair

San Joaquin County - VACANT

City of Dublin – Mayor David Haubert

City of Livermore – Mayor John Marchand

City of Pleasanton - Mayor Jerry Thorne

City of Tracy – Councilmember Veronica Vargas

ACE - VACANT

BART - Board Member John McPartland

LAVTA – Board Member Steven Spedowfski (Livermore)

Innovation Tri-Valley Leadership Group - Dale Kaye, CEO

East Bay Leadership Group – Josh Huber, Policy Director

San Joaquin Partnership – Michael Ammann, CEO

MINUTES

1. Call to Order and Pledge of Allegiance

Committee Chair Scott Haggerty called the meeting to order at 1:42pm.

2. Roll Call of Members

Members Present

Supervisor Scott Haggerty (Chair), Alameda County

Councilmember Don Biddle, City of Dublin (alternate for David Haubert)

Mayor John Marchand, City of Livermore

Mayor Jerry Thorne, City of Pleasanton

Councilmember Veronica Vargas, City of Tracy

Board Member John McPartland, BART

Board Member Steven Spedowfski (Livermore), LAVTA

CEO Dale Kaye, Innovation Tri-Valley Leadership Group

Policy Director Josh Huber, East Bay Leadership Group

CEO Michael Ammann, San Joaquin Partnership

Members Absent

Mayor David Haubert, City of Dublin

3. Public Comment

No comments

4. Minutes

Approved: Vargas/Spedowfski

Aye: Haggerty, Biddle, Marchand, Vargas, McPartland, Spedowfski, Thorne

No: None Abstain: None Absent: Haubert

* After Agenda Item 4 Supervisor Scott Haggerty requested an emergency item be added to the agenda, the election of a Vice-Chair for the Working Group, since he likely would not be present at the February Working Group meeting. The Working Group unanimously added the emergency agenda item and Councilmember Veronica Vargas was nominated as Vice Chair. No other nominations were received. The Working Group unanimously approved Councilmember Veronica Vargas as Vice-Chair as follows:

Approved: Marchand/Thorne

Aye: Haggerty, Biddle, Marchand, Vargas, McPartland, Spedowfski, Thorne

No: None Abstain: None Absent: Haubert

5. Standing Updates:

a. ACE Forward

ACE Manager of Regional Initiatives, Dan Leavitt, noted that the ACE Forward EIR document will be released in February. The EIR will be widely available for review. There will five open houses in the following locations: Tracy, Livermore, Alameda County, San Jose, and in Modesto. The draft EIR will not identify a preferred alternative, but will show all options and the impacts. ACE forward initiated a study looking at the Alameda County owned right of way over the Altamont Pass for a potential DMU type service. The findings from this work will be in the next month or two. Additionally, ACE has initiated planning work for ACE extending to Sacramento. ACE has a public meeting in Pleasanton at the Senior Center on Wednesday, January 18, 2017 at 6:30pm regarding a quiet zone for Sunol and Castlewood area.

b. BART to Isabel EIR Update

BART Principal Planner Andrew Tang provided a PowerPoint presentation regarding the BART to Isabel project. Andrew Tang announced that the BART to Isabel EIR will be released in the spring of 2017. On February 9th the BART Board will have a meeting regarding an update on the BART activities in the Tri-Valley. At the meeting there will be an action item regarding the expansion of the Dublin garage project. BART met with the FTA Region 9 in November 2016 and gave an update on BART to Livermore project and the technical analysis. Dan Leavitt and Andrew Tang will meet regarding coordinating the two EIR's for BART and ACE.

6. Introduction of Executive Frank Wilson and Strategic Planning

Supervisor Scott Haggerty introduced Executive Frank Wilson to the Altamont Regional Rail Working Group (ARRWG) and noted a resume that had been passed around outlining Mr. Wilson's extensive experience. Supervisor Scott Haggerty commented that from his personal stand point if Frank Wilson was not in the interviews for the ARRWG executive position that they did not have another viable candidate. Supervisor Scott Haggerty also explained that Frank Wilson knows a lot about BART, rail, and transportation and that he is excited about the future. Councilmember Veronica Vargas, who was part of the hiring team with Supervisor Haggerty, said that she feels the same way Supervisor Haggerty does regarding Frank Wilson. Councilmember Veronica Vargas also stated that Mr. Wilson's knowledge, resume, and references are outstanding. Supervisor Scott Haggerty then welcomed Executive Consultant Frank Wilson to the ARRWG.

Executive Consultant Frank Wilson stated that he hasn't been on his assignment very long, but from what he understands the ARRWG wants to build a railroad. Mr. Wilson gave a brief overview of his experience from 1989 to today. He noted that he wants to build a railroad here and has special interest in it.

Mr. Wilson explained that the way to get things accomplished is to have good leadership resourced properly, embrace innovation, creativity, and not be denied. Mr. Wilson said that Assemblywoman Catharine Baker reaching out to the ARRWG regarding how to write the legislation for the BART to ACE extension gives them the opportunity to create something in an organization that does not exist today. Mr. Wilson noted that Assemblywoman Baker gave the ARRWG the freedom to organize any way they want as long as they deliver. Mr. Wilson explained to the ARRWG that there are key components of work that must be organized and advanced which are: Technical, Financial, Decision-Making, Political, Process, Stakeholders, and Legal. In order to go forward the ARRWG will need to decide on how to proceed technically and financially. Mr. Wilson discussed the next three month expectations and the different working models with the ARRWG. Mr. Wilson requested comments or questions from the ARRWG.

Councilmember Veronica Vargas would like the ARRWG to make a project decision before the end of the meeting. Councilmember Veronica Vargas would like BART to go down the I-580 corridor from Dublin to Greenville in Livermore and connect with ACE. She is not opposed to BART going to Isabel to start with, but would like to make it a priority to connect BART to ACE at some point.

LAVTA Board Member Steven Spedowfski added that the goal is to eventually have BART connect to Greenville, but does not want it to hold up BART coming to Isabel. LAVTA Board Member Steven Spedowfski wants Isabel to be the first step in this project.

Supervisor Scott Haggerty stated that the ARRWG received the most traction when they discussed connecting ACE to BART, so he feels it is imperative to complete that connection somehow.

BART Director John McPartland stated that the dialog must be changed to priority for connecting BART to ACE, since Isabel is already going to take place. Mayor John Marchand stated that he believes it should be one seat one ride and that BART should connect to ACE at Greenville or Vasco.

The ARRWG discussed completing Phase 1 BART to Isabel. Phase 2 would be ACE connecting to BART, but this would still need to be discussed at further length. Supervisor Scott Haggerty stated that the region only has so much funding and that the ARRWG cannot be too greedy. He explained that BART going to Greenville and connecting with ACE right now will stop the project.

Representative Tim Sbranti from Congressman Swalwell's office stated that the best potential option is connecting at Isabel and that the focus should not be on Greenville currently. Representative Tim Sbranti expressed that the DMU is an intriguing option, if it came directly from Tracy connecting people from the San Joaquin Valley.

Supervisor Scott Haggerty noted that the ARRWG should receive an update from BART regarding the "Bay Fair Y" project, due to changes. Inadvertently Mayor John Marchand brought up a one seat ride and Supervisor Scott Haggerty explained that for the Tri-Valley that does not seem to be an option.

7. Set Working Group Meeting Schedule for 2017

Supervisor Scott Haggerty provided the Altamont Regional Rail Working Group (ARRWG) meeting schedule for 2017. The ARRWG approved the meeting schedule to meet monthly on the 2nd Wednesday of every month. It was briefly discussed to have the meetings in Tracy every three months, but no decision was made.

Approved: Marchand/Vargas

Ave: Haggerty, Biddle, Marchand, Vargas, McPartland, Spedowfski, Thorne

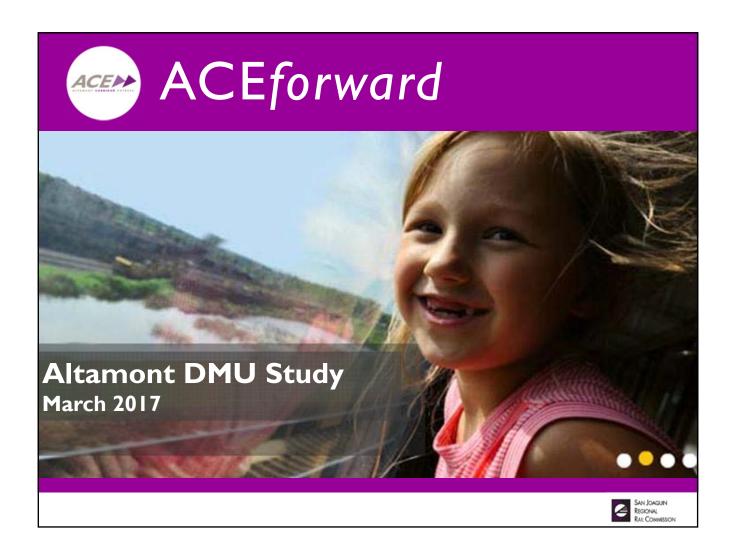
No: None Abstain: None

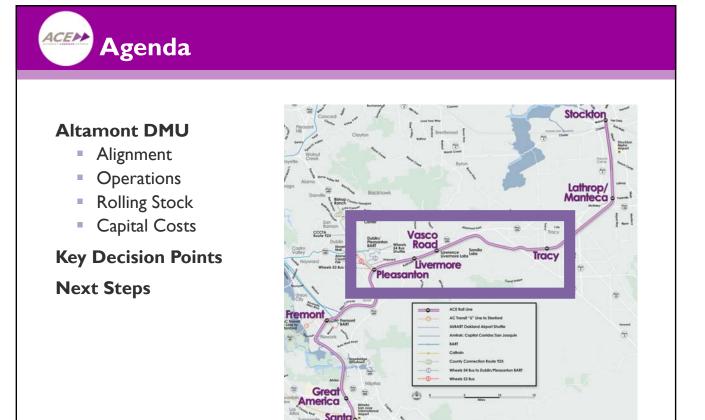
Absent: Haubert, Hernandez

8. Adjournment. The next meeting date is scheduled for February 8, 2017

Meeting adjourned at 3:36pm.

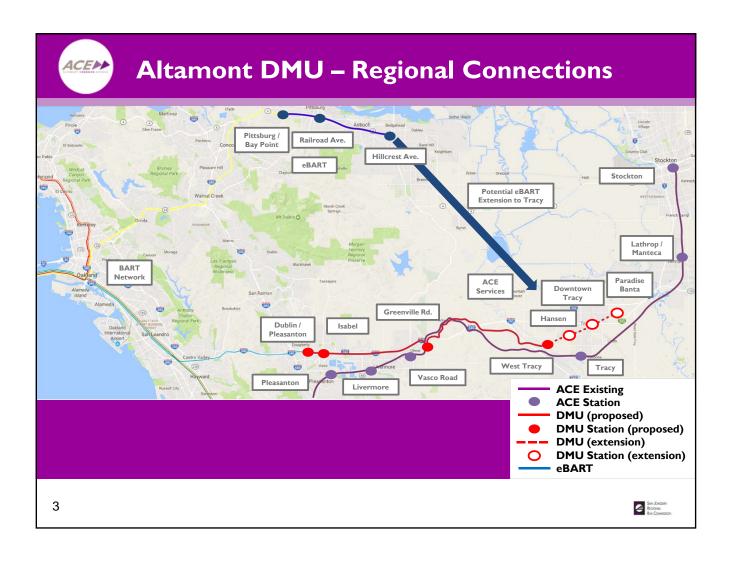
AGENDA ITEM 5

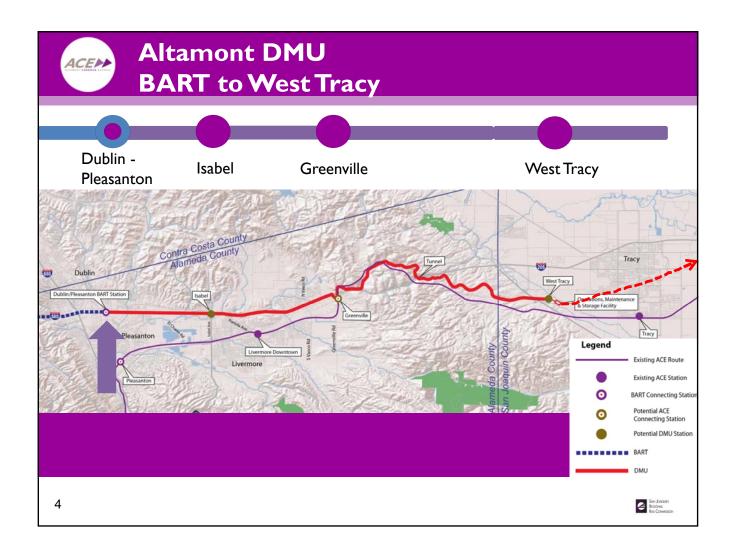


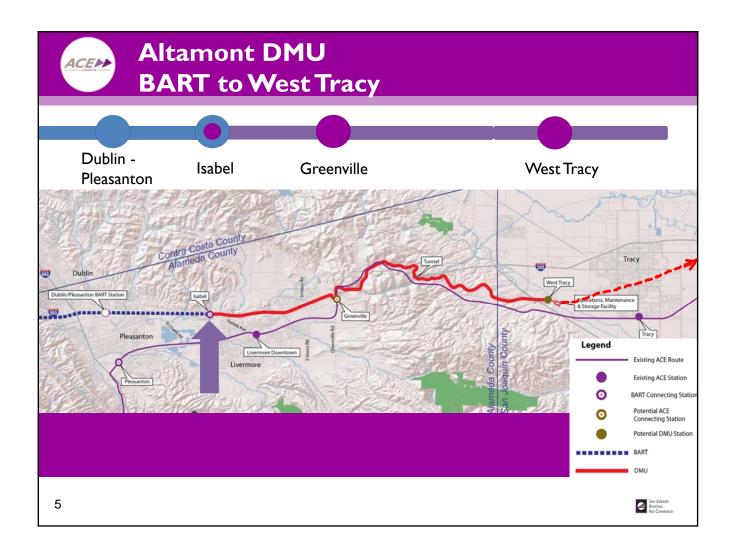


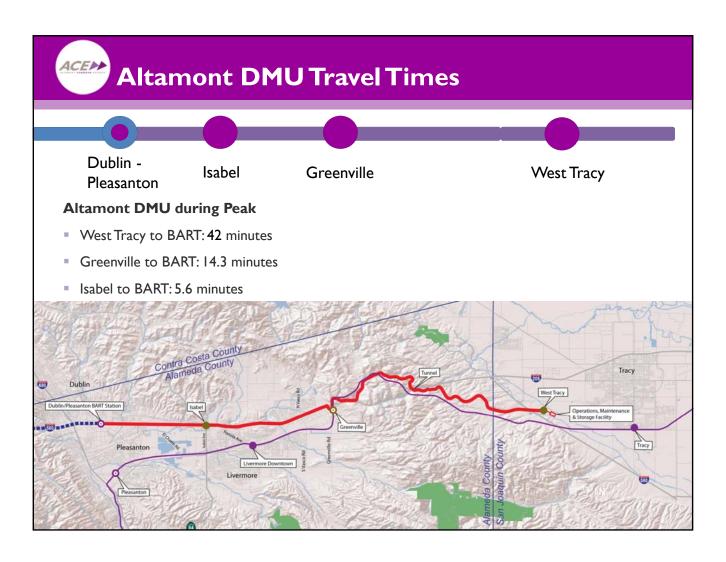
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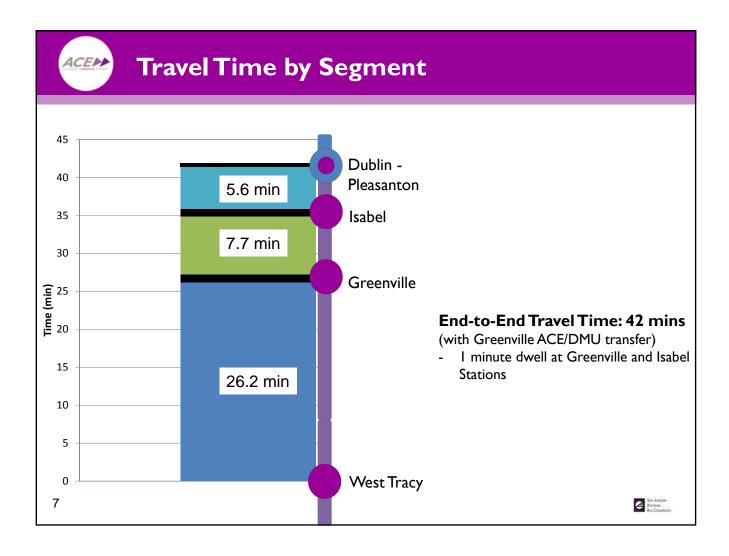
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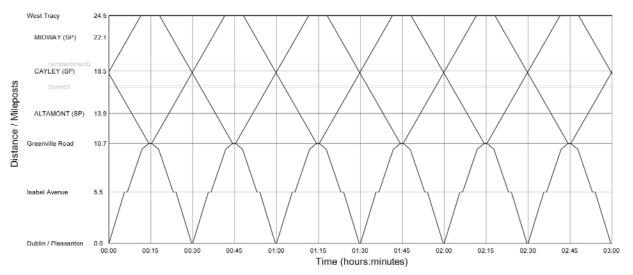




Altamont DMU Proposed Operations

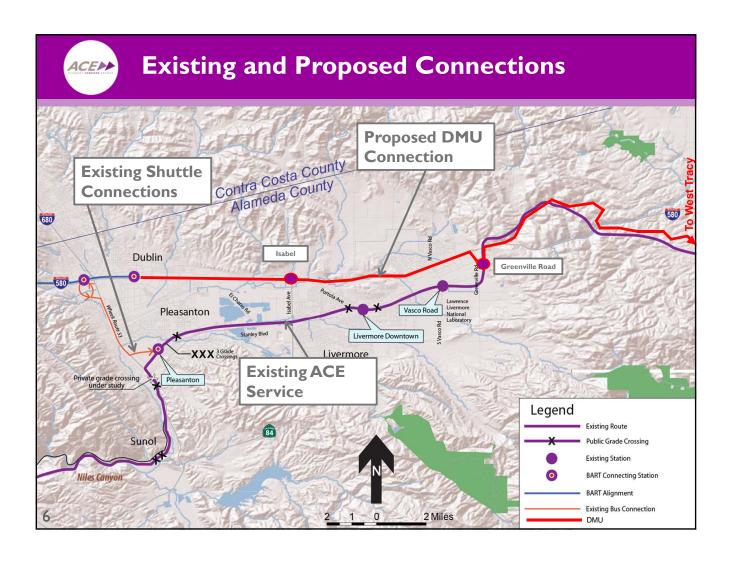
Service tied to BART Schedule

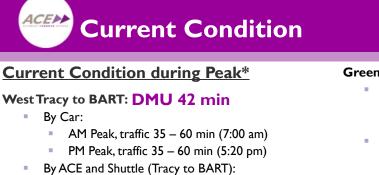
- Weekdays: half-hour service meeting every other BART train
- Weekends: hourly service meeting every 3rd BART train











AM Peak, 55 min

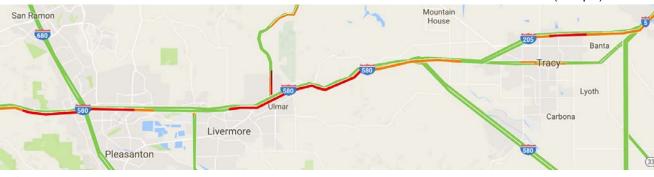
PM Peak, 74 min

Greenville to BART: DMU 14.3 min

- By Car:
 - AM Peak, traffic 16 22 min (7:20 am)
 - PM Peak, traffic 20 40 min (5:20 pm)
- By ACE (Vasco Road) and Shuttle
 - AM Peak, 26 min
 - PM Peak, 44 min

Isabel to BART: DMU 5.6 min

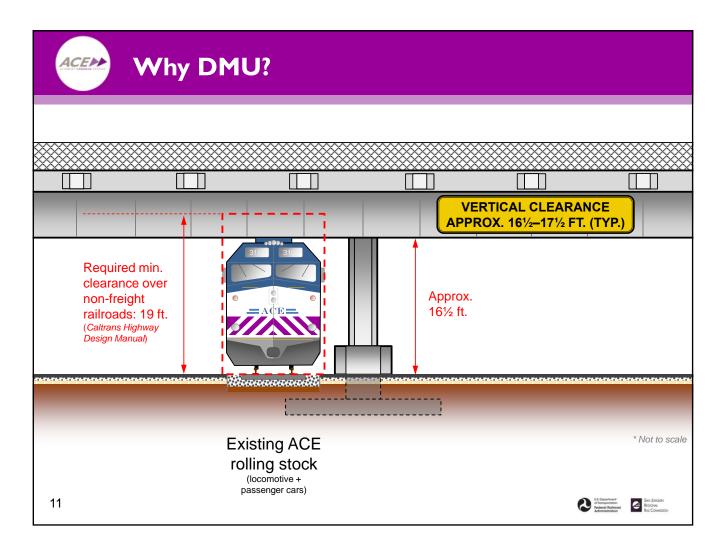
- By Car:
 - AM Peak, traffic 10-14 min (7:20 am)
 - PM Peak, traffic 9 16 min (5:10 pm)

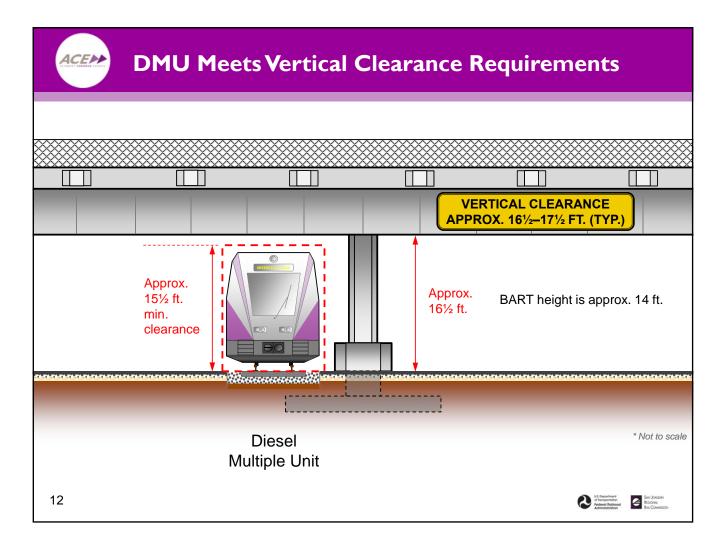


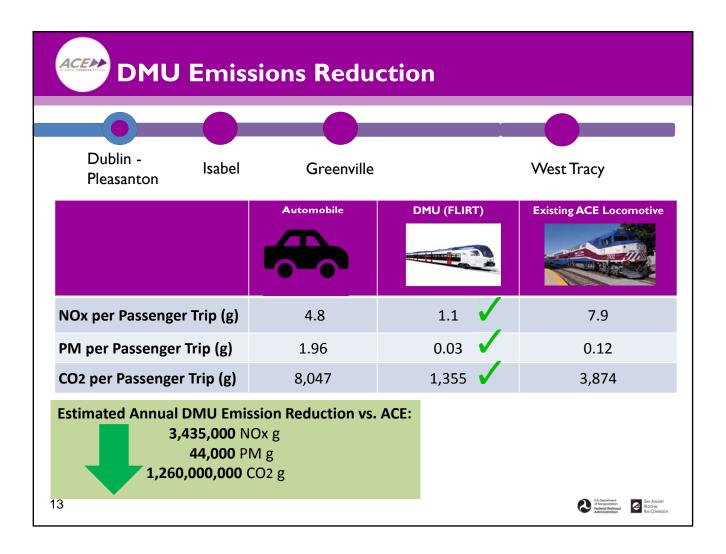
* - Travel times current from Google maps as of 2.28.2017

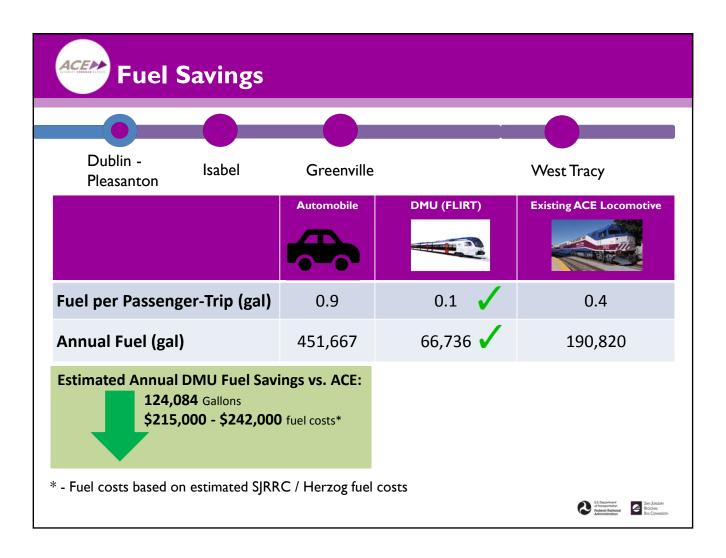














DMU Preliminary Capital Cost Summary Table



Dublin -West Tracy Greenville Isabel **Pleasanton**

Section	Segment Length (miles)	Project Cost (millions)	Project Cost Per Mile (millions)
Dublin/Pleasanton DMU Station	-	\$15.6	-
Dublin/Pleasanton to Isabel	5.5	\$425.4	\$78.I
Isabel DMU Station	-	\$48.0	-
Isabel to Greenville	5.1	\$498.3	\$98.1*
Greenville DMU Station	-	\$36.1	-
Greenville to West Tracy	15.3	\$213.9	\$14.0
West Tracy DMU Station	-	\$16.8	-
West Tracy Operations and Maintenance Facility	-	\$84.7	-
DMU Vehicles	-	\$52.5	-
Total	25.81	\$1,391	\$53.4

Note: UPRR fees not included.



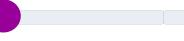


^{*} Depends on BART extension



Estimated Preliminary Capital Costs: Phase 1 (Dublin / **Pleasanton Option)**





Dublin -Pleasanton

Greenville Isabel

West Tracy

Corridor Segment	Estimated Cost (millions)
Altamont DMU BART Dublin/Pleasanton to Greenville (includes BART station improvements and Isabel DMU Station)	\$987.3
Greenville Station	\$36.1
Operations, Maintenance And Storage Facility (temporary)	\$60.0
DMU Consists	\$52.5
Total	\$1,136







Estimated Preliminary Capital Costs: Phase 1 (Isabel Option)

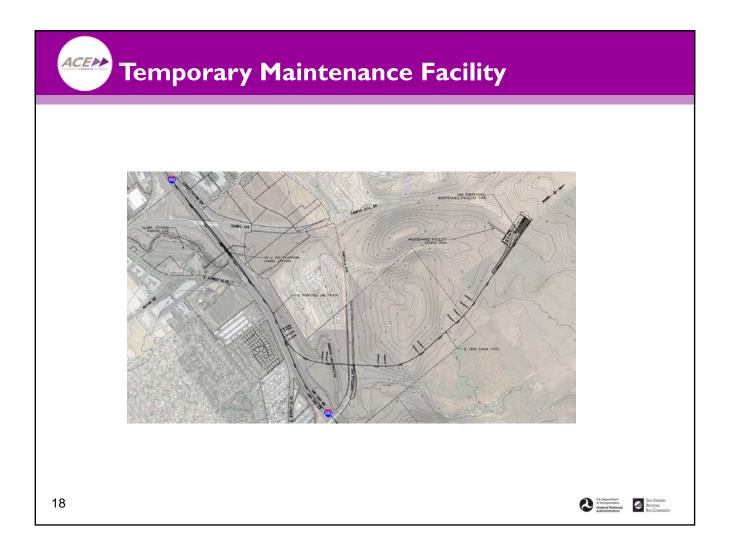


Dublin -Isabel Greenville West Tracy Pleasanton

Corridor Segment	Estimated Cost (millions)
Altamont DMU BART Isabel to Greenville (includes BART station improvements)	\$546.3
Greenville Station	\$36. I
Operations, Maintenance And Storage Facility	\$60.0
DMU Consists	\$52.5
Total	\$695









Estimated Preliminary Capital Costs: Phase 2



Dublin -**Pleasanton**

Isabel

Greenville

West Tracy

Corridor Segment	Estimated Cost (millions)
Altamont DMU Greenville To West Tracy	\$199.7
West Tracy Station	\$16.8
Tunnel Rehabilitation	\$14.2
Operations, Maintenance And Storage Facility (permanent)	\$84.7
Total	\$315

Note: UPRR fees not included.







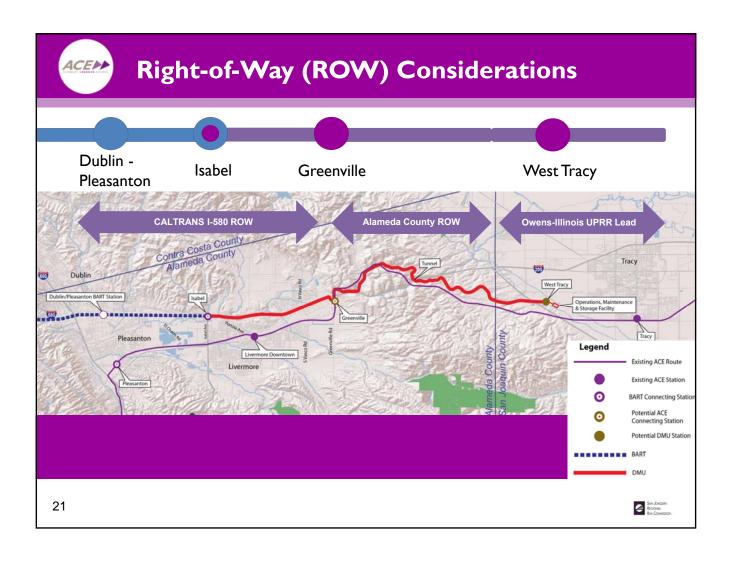
Total Project	Preliminary Cost
Dublin/Pleasanton To Tracy	\$1.4 billion
Isabel To Tracy	\$950 million

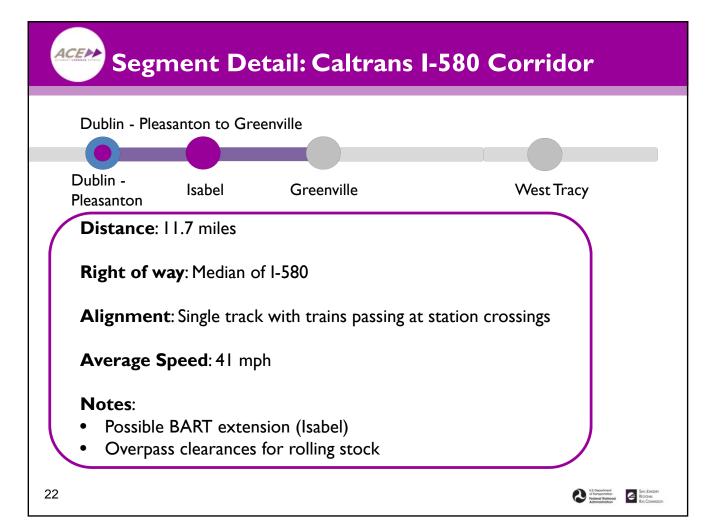
Note: UPRR fees not included.

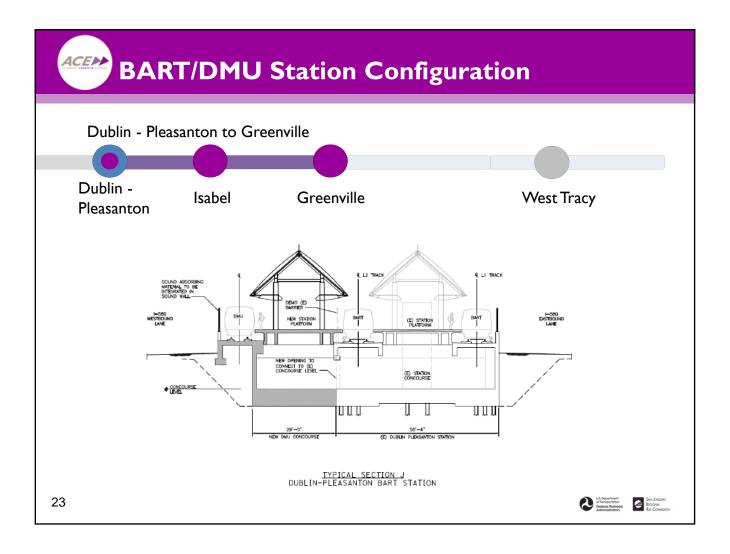
- Can complete in phases with Phase I to Isabel/Greenville (adds \$60 million)
- Cost per Rider:To Be Determined
- Cost Benefit: To Be Determined
- Cost dependent on decisions made
 - Assumes Greenville Station cross platform transfer and share track with UP
 - Capital Cost will be refined as design progresses

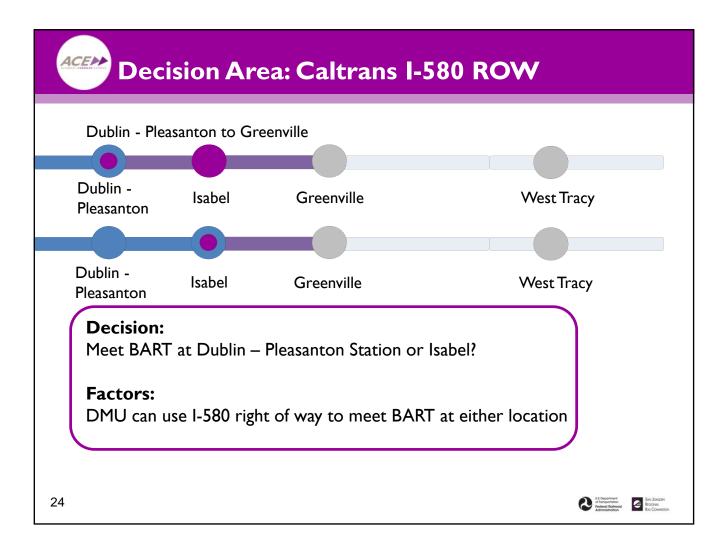














Segment Detail: Alameda County Corridor

Greenville to Alameda County Line, Alameda County owned

Dublin -**Pleasanton**

Isabel

Greenville

West Tracy

Distance: < 14.0 miles

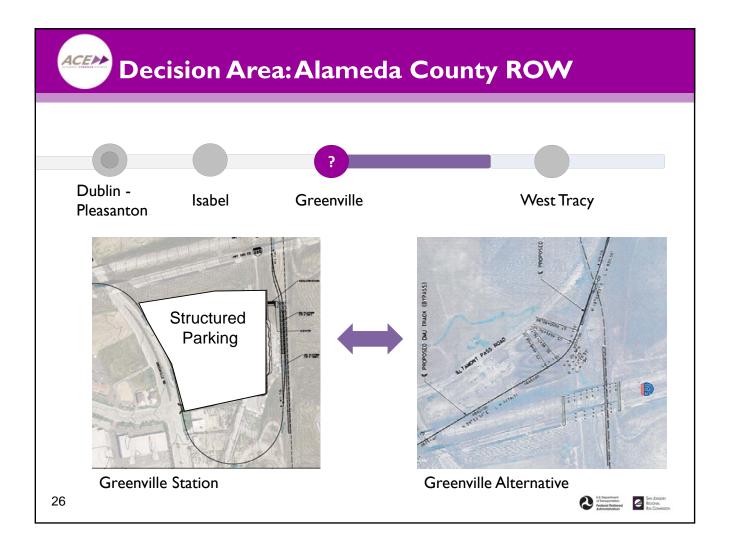
Right of way: Former UPRR right of way, owned by Alameda County

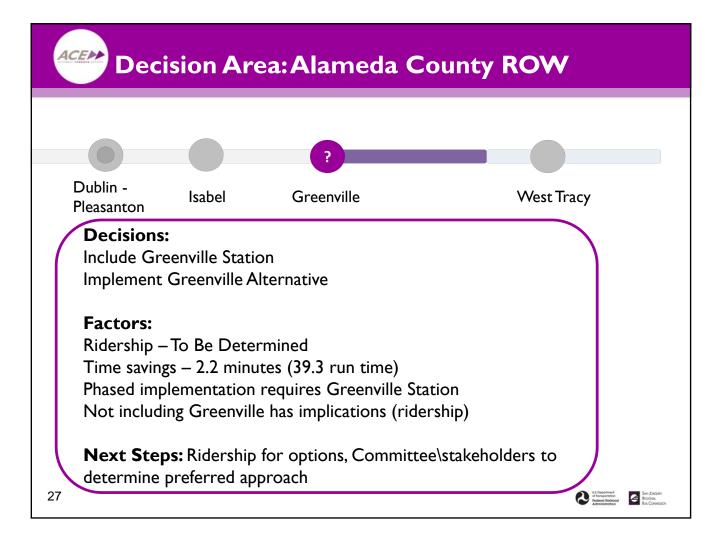
Alignment: Mainly single track with added long siding, tunnel work at Altamont Pass, and grade separation

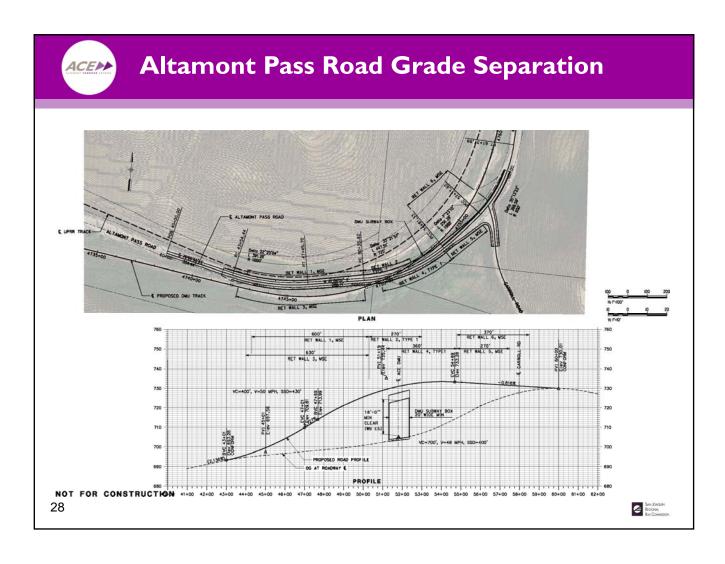
Average Speed: 32 mph (Greenville – West Tracy)















Segment Detail: Owens-Illinois UPRR Lead

West Tracy

Dublin -**Pleasanton**

Isabel

Greenville

West Tracy

Distance: < I mile

Right of way: Current UPRR freight right of way

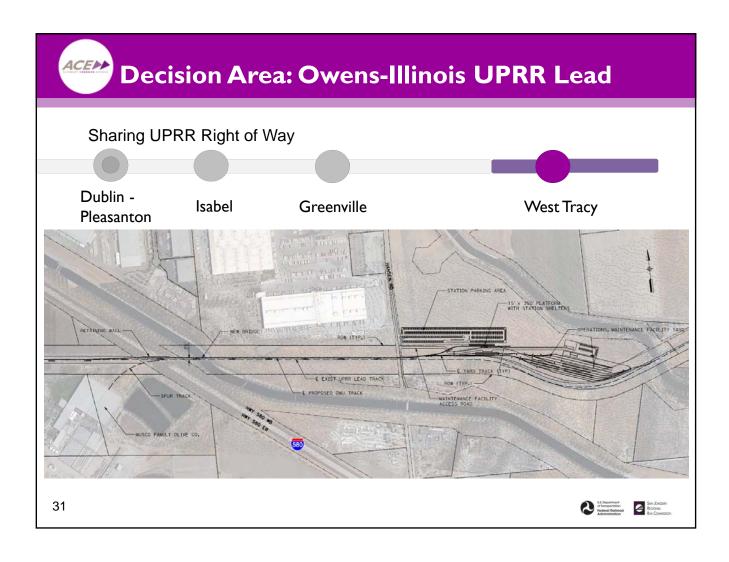
Alignment: Shared right of way corridor with UPRR freight

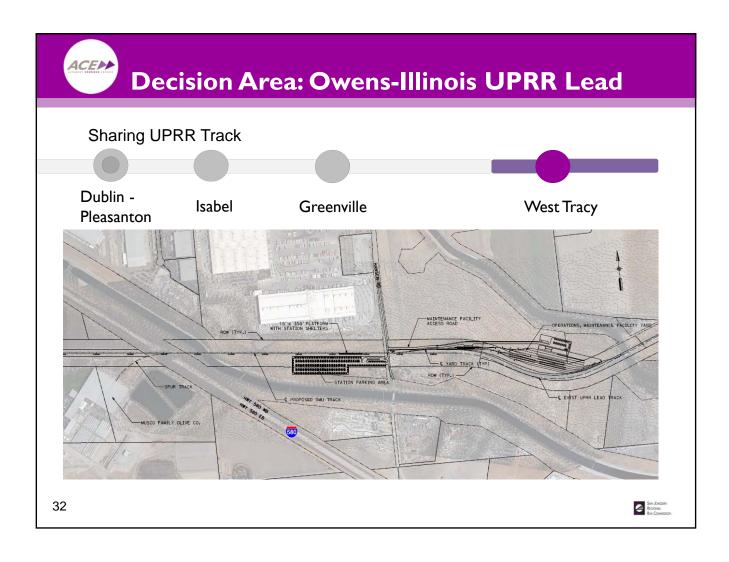
Average Speed: Dependent on alignment and track improvements

Notes: Negotiations with UPRR over sharing tracks or sharing right of way impacts rolling stock selection. Musco Olive Plant appears to have one freight movement a month.











Decision Area: Owens-Illinois UPRR Lead



Dublin -Pleasanton

Greenville Isabel

West Tracy

Decision:

Should future service run adjacent or share track with UPRR?

Factors:

Sharing track requires vehicle to be FRA compliant or waiver capable Rolling stock, capital cost implications

Negotiations with UPRR required for either option

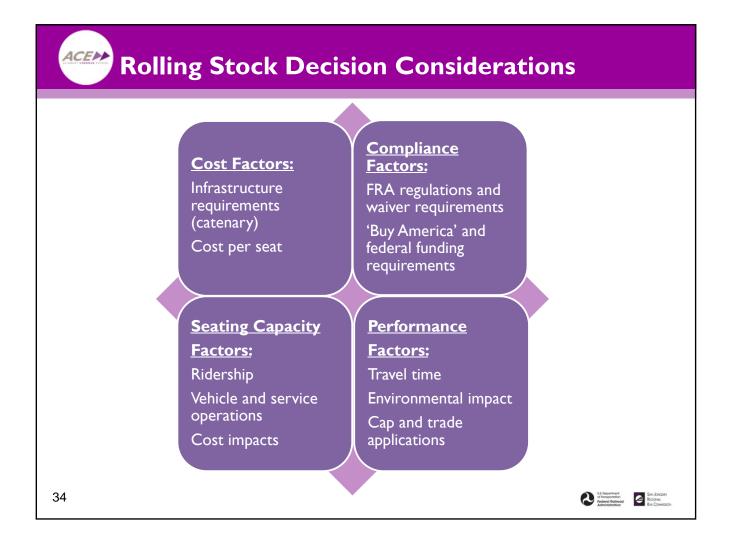
New Bridge over aqueduct for shared corridor

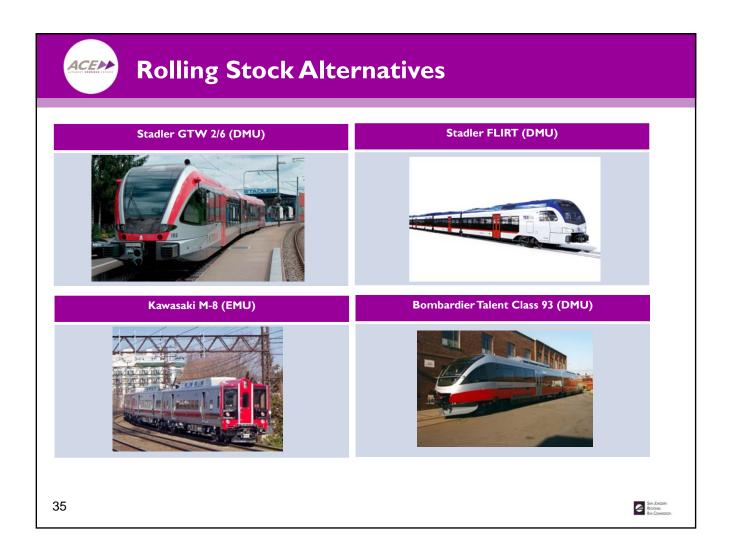
Station moves to maintenance facility site for shared corridor option

Next Steps: Further design on shared corridor option











Rolling Stock Comparison*

	Stadler GTW 2/6 (DMU)	Stadler FLIRT (DMU)	Kawasaki M-8 (EMU)	Bombardier Talent Class 93 (DMU)
FRA Compliant	(with waiver)			•
Buy America Compliant				
Compatible Clearance				
Top Speed	75 mph	79 mph	100 mph	87 mph (tilt technology)
Cost	\$16 million (\$8 million)	\$13 million	\$8 million +\$6 million per mile	\$8 million
Seated Capacity	208 (104)***	224	212	164
Standees (estimated)	192 (96)***	254	230	160
Total Capacity	400***	478	442	324
In Service	Texas eBART	Texas**, Europe, Africa, and Central Asia	Connecticut New York	Norway

st - Other manufacturers exist, select sample presented above for major distinctions and decision points



^{** -} Planned service late 2018

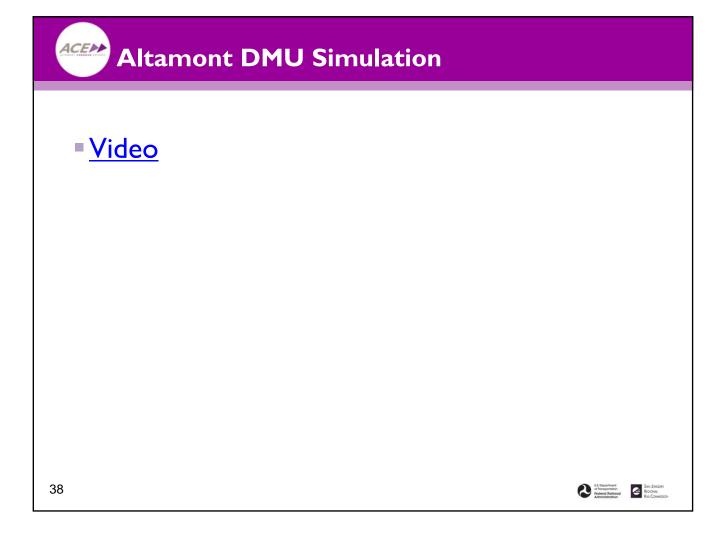
^{*** -} Assumes double trainset

Next Steps

- Ridership
- Operations and Maintenance Cost







State Legislative Initiative (Former Bill # AB2762)

Purpose

Establish the Tri-Valley-San Joaquin Valley Regional Rail Authority To:

- 1) Develop, finance, deliver, own and operate an inter-regional rail connection between BART, ACE and other San Joaquin County destinations and rail systems.
- 2) Create this independent authority so as to have and exercise powers of maximum flexibility and maximum control with which to pursue its purpose.
- 3) Permit the Authority to consider and select any feasible technology, any combination of technologies and any implementation sequence or phasing strategy that achieves the statutory purpose. All options are open.
- 4) Ensure that all options are available to the Authority as it defines and pursues implementation plan
- 5) Have the power to perform or assign ownership, operations and maintenance, financial obligation functions as the authority deems appropriate.
- 6) The Governing Board of the Authority shall consist of 12 elected officials with 9 having voting rights and 3 ex-officio members, 8 members from the Tri-Valley and 4 members from San Joaquin Valley (Chairman, Vice Chairman, Executive Committee)
- 7) Establish Administrative Support as follows:
 - Year 1: LAVTA provides all administrative support of the Board
 - Year 2-4: The Board will select either LAVTA, SJRRC or any other existing public rail transit agency

Year 5 – 9 and subsequent 5 year periods administrative support selected by the Board with options as in Year 2-4.

BART is required to enter into an agreement with the authority to:

- 1) Hold in trust all real and personal property
- 2) Transfer to the Authority other assets accumulated in the

Planning

Environmental Review

Design Documents

ROW Acquisition

Permitting

Construction

All unencumbered monies and assets dedicated for the completion of the project(s) shall be transferred to the Authority for the completion of the inter-regional connection.

The Authority shall pursue any and all sources of funding necessary to successfully execute its purpose with the constraint of a non-compete provision where no member of the Authority shall pursue funding available to other Authority member without consent of those members.

The Authority shall not be responsible for any core system upgrades on the BART system that pre-exist the Authority's creation.

Upon completion of any Tri-Valley Extension of BART, it shall operate, maintain and be responsible for setting fare policies and related financial obligations of the BART extension.

BART shall provide operating and maintenance technical assistance including design, standards and methods as needed by the Authority for any BART extension or integration of any other inter-regional rail system with BART.

The Authority shall retain ownership of the assets of any BART extension.

All procurements must be consistent with State and Federal laws and be based on price, best value, competitive negotiations or all of these as the authority deems appropriate.

The Authority shall be dissolved when it determines that existing rail service agencies are capable of successfully sustaining the system services.