

VTA's BART Silicon Valley Phase II Extension Project

Downtown/Diridon Community Working Group

February 6, 2018



Agenda

- Follow-up Items
- Phase I Update
- Phase II Update
- Financial Update
- San Jose Diridon Integrated Station Concept Plan
- Transit Oriented Development Strategy & Access Planning Studies Update
- Trails Overview
- CWG Next Steps



Role of the CWG

- Be project liaisons
- Receive briefings on technical areas
- Receive project updates
- Build an understanding of the project
- Collaborate with VTA
- Contribute to the successful delivery of the project



Your Role as a CWG Member

- Attend CWG meetings
 - Bring your own binder (BYOB)
- Be honest
- Provide feedback
- Get informed
- Disseminate accurate information
- Act as conduits for information to community at large



Role of the CWG Team

CWG Team Member	Role
Eileen Goodwin	Facilitator
Gretchen Baisa	Primary Outreach Contact
Leyla Hedayat	Phase II Project Manager
Jill Gibson	Technical Lead
Michael Brilliot	City of San Jose – Planning Liaison
Brian Stanke	City of San Jose – DOT Liaison
Ahmad Qayoumi	City of San Jose – DOT Liaison



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Upcoming Meetings

New CWG Dates

- April 24, 2018 - 4:00-6:00 PM
- June 12, 2018 - 4:00-6:00 PM
- September 11, 2018 4:00-6:00 PM
- November 13, 2018 4:00-6:00 PM

VTA Board of Directors

- March 1, 2018 - 5:30 PM
- April 5, 2018 - 5:30 PM

Diridon Station Joint Policy Advisory Board

- March 16, 2018 - 3:00 PM



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Follow-Up Items



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Follow-Up Items

- A retail update at the Milpitas Transit Center will be presented in today's Ph. I Update.
- For more information regarding the retail zoning requirements near Milpitas Station see the "Active Ground Floor Commercial Uses Required" Section in the Milpitas Transit Area Specific Plan:
http://www.ci.milpitas.ca.gov/pdfs/plan_plan_tasp_chapter3.pdf
- Funding update has been added to today's agenda.
- *VTA's BART Phase II Extension to Santa Clara Underground Stations Considerations* memorandum has been added to the CWG website in the "Phase II CWG Links" on the right side.



Solutions that move you 8

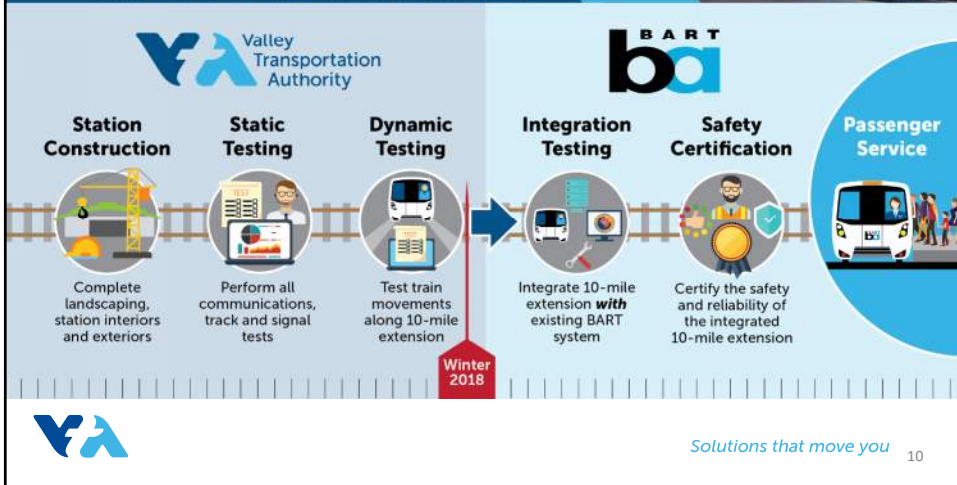
Phase I Update

Karen Gauss, VTA



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Key Milestone Schedule: BART Silicon Valley Phase I



Solutions that move you 10

Update on Retail at Milpitas Transit Center

- VTA hired a real estate broker to find prospective tenants for the retail space at the Milpitas Transit Center but no leases have been signed yet
- Any serious interested tenants should contact Kevin Balak at kevin.balak@vta.org or 408-321-7516



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Questions?



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Phase II Update

Jill Gibson, VTA



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Tunneling Methodology Peer Review

VTA and BART conducted a peer review:

- November 13th-15th 2017
- Panelists from public transit agencies that operate subway systems with deep stations
- Panel opined that with some adjustments to address BART's operational safety concerns: **the single-bore tunnel can be operated safely as an extension of the BART system**
- Resulted in technical work to further refine design consideration for tunneling methodologies



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FTA's New Starts Funding Program Update

- FTA granted VTA's request to extend the Project Development phase of FTA's New Starts Funding Program to June 2018
- 3 month extension will be used to refine the design considerations for twin-bore and single-bore tunneling methodologies
 - Updated cost estimate and schedule needed to enter New Starts Engineering



Refining Phase II Design Considerations – To Date

- In January, VTA and BART staff met with VTA's tunnel design teams to review:
 - design and studies developed to date;
 - Current codes, standards, and design criteria requirements
- VTA is working on refinements to both configurations:
 - Twin-bore to bring the design up to current codes, standards, and design criteria
 - Single-bore to address observations from the peer review panel



Refining Phase II Design Considerations – **Next Steps**

- In early February a workshop will be held with industry experts to review the proposed approach and sequence for construction of the Downtown San Jose Station in the twin-bore configuration
- VTA is conducting a series of technical meetings with BART in February



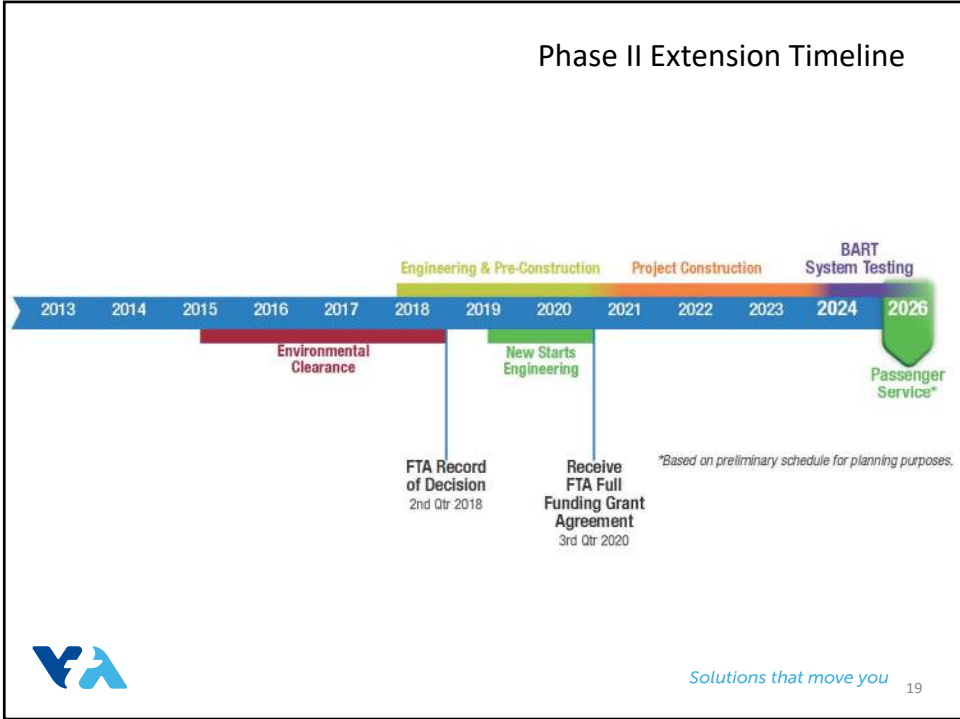
Solutions that move you 17

Phase II Environmental Process Update

- Final SEIS/SEIR will be published mid-February
 - Final document will include all comments and responses received on the draft document
- VTA Board will be asked to approve the Project Description in April 2018
- BART Board action on Project in April 2018
- Record of Decision anticipated in June 2018



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Questions?

FTA

Solutions that move you 20

Financial Update

Mike Smith, VTA



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Phase II Extension Project Funding Strategy

Project Cost:	\$4.69 Billion¹
○ Expended Funds:	\$160 Million
<input checked="" type="checkbox"/> Measure A Sales Tax & TCRP	
○ Projected Local & State Funds:	\$3.25 Billion
<input checked="" type="checkbox"/> Existing Measure A Sales Tax	
<input checked="" type="checkbox"/> 2016 Sales Tax Measure B	
<input type="checkbox"/> State Transit & Intercity Rail Capital Program ²	
○ Projected Federal Funds:	\$1.5 Billion
<input type="checkbox"/> FTA New Starts	
Projected Funding:	\$4.91 Billion³

¹ As part of the Federal New Starts review process, FTA will conduct a risk evaluation and establish with VTA the contingency levels for the project.

² VTA is targeting the maximum State Transit & Intercity Rail Capital Program amount of \$750 million. The current program is competitive and any allocation awarded to VTA could be less than the target amount.

³ The amount included in the funding strategy assumes pre-risk assessed cost and excludes finance costs.



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Progress Since Last Update

- **FTA New Starts –**
 - Moving toward Record of Decision
- **Cap and Trade/TIRCP –**
 - Legislation extended program life to 2030
- **SB-1 Gas Tax –**
 - Will provide significant funding to TIRCP
- **Value Capture –**
 - Analysis and discussions continue
- **Regional Measure 3 –**
 - Possible additional funding from bridge tolls, if voters approve



State of California Transit and Intercity Rail Capital Program



What is TIRCP?

The TIRCP is a competitive state grant for capital improvements relating to California's intercity rail, bus, ferry, and rail transit systems. The grant is administered by Caltrans, in collaboration with CalSTA.

Why is it important to our Project?

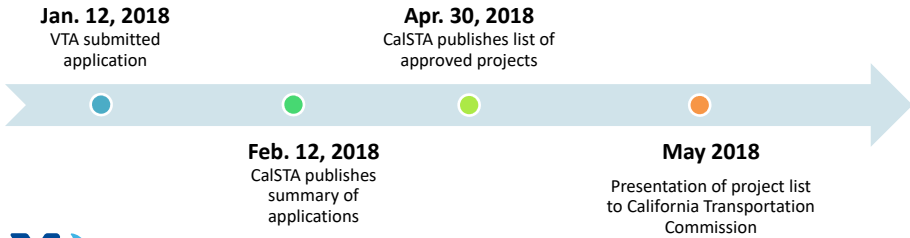
The VTA BART Phase II Extension Project's funding strategy includes \$750 Million from the TIRCP grant.



  State of California
Transit and Intercity Rail Capital Program

How is VTA pursuing TIRCP funding?
*VTA has already secured \$20 Million in previous funding cycle
In January 2018, VTA applied for the remaining \$730 Million*

What happens next?




Jan. 12, 2018
VTA submitted application

Feb. 12, 2018
CalSTA publishes summary of applications

Apr. 30, 2018
CalSTA publishes list of approved projects

May 2018
Presentation of project list to California Transportation Commission

 *Solutions that move you* 25

Questions?




 *Solutions that move you* 26

San Jose Diridon Integrated Station Concept Plan

Jill Gibson, VTA
Bill Ekern, City of San Jose



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Cooperation Agreement & Funding Agreements

Purpose:

- Work as a cohesive group
- Fresh, bold look at the Station
- Review whole Station Area (tracks, station, access)
- Partner commitments

Status:

- Finalizing language and establishing individual funding agreements
- VTA Board Authorization: Spring 2018

Includes:

- Guiding Principles
- Concept Plan Deliverable
- Roles & Responsibilities
- Organization

Solutions that move you 28

Request for Proposal (RFP) for Concept Plan

Schedule:

- Consultant Selection in Progress
- Next Steps:
 - Scoping workshops with City of San Jose, HSR, and Caltrain
 - Continue to pursue joint funding with partners
 - Coordinate with stakeholders and regional agencies
- VTA Board Authorization: Spring 2018



Solutions that move you 29

BART Phase II CWG Diridon Station Area Development



City of San José
February 2018

Downtown Expansion and Integration



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High-Level Central Zone Goals

1. Expand Diridon Station to create a well-integrated **intermodal station** of architectural significance.
2. Develop a **high-density office and entertainment** destination development.
3. Create a highly active and lively **pedestrian environment**.
4. Develop high-intensity land uses that **support high ridership levels** on public transportation investments.

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Diridon Station Area: Google Sites of Interest



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Potential Google Development Phase I: Land Sale



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Phase II: Development Approval



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Role of Civic Engagement

- Clarify community interests, aspirations and concerns
- Help identify potential options and solutions
- Serve as sounding board for development concepts

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Station Area Advisory Group (SAAG) Roster: 38 Members

Adobe Systems	San Jose Downtown Residents Assoc. #1	SPUR
Alameda Business Association	San Jose Downtown Residents Assoc. #2	St. Leo's Residents
Cahill & Georgetown Homeowners Assoc.	San Jose Downtown Residents Assoc. #3	SV Rising
California High-Speed Rail	San Jose State University	SV@Home
Caltrain	San Jose Unified School District	The Silicon Valley Organization
Delmas Park NAC	Santa Clara & San Benito Counties Bldg. & Construction Trades Council	Working Partnerships
Gardner Neighborhood Association	Santa Clara County	Silicon Valley Law Foundation
Google	Santa Clara Valley Transp. Authority	PACT
Greenbelt Alliance	Santa Clara Valley Water District	Minority Business Consortium
Guadalupe River Park Conservancy	SAP at San Jose	
Lofts on the Alameda	Shasta Hanchett Park Neighborhood Assoc.	
Market Almaden NAC	Silicon Valley Bike Coalition	
North Willow Glen Neighborhood Assoc.	Silicon Valley Leadership Group	
Plant 51	South Bay AFL-CIO Labor Council	
San Jose Downtown Assoc.		

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Next Steps

- Final Selection of Civic Engagement Firm – mid-February
- Continue to Refine and Communicate Civic Engagement Program
- SAAG primary and alternative representative names due to City – Wednesday, February 21
- SAAG Orientation – Wednesday, February 28

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Questions?



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Transit Oriented Development Strategy & Access Planning Studies Update

Jill Gibson, VTA
Doug Moody, City of San Jose

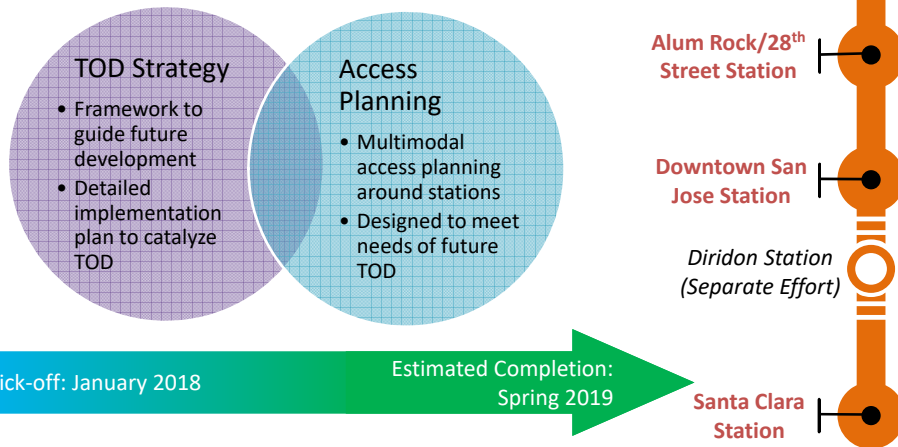


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Planning Areas Along BART Phase II Alignment



TOD Corridor Strategies and Access Planning Study



TOD Corridor Strategies and Access Planning Study

Project Goals

- Build upon existing transportation and land use plans and policies
- Provide specific recommendations to enhance access to the stations and TODs
- Focus on feasible and implementable land use strategies and financing tools



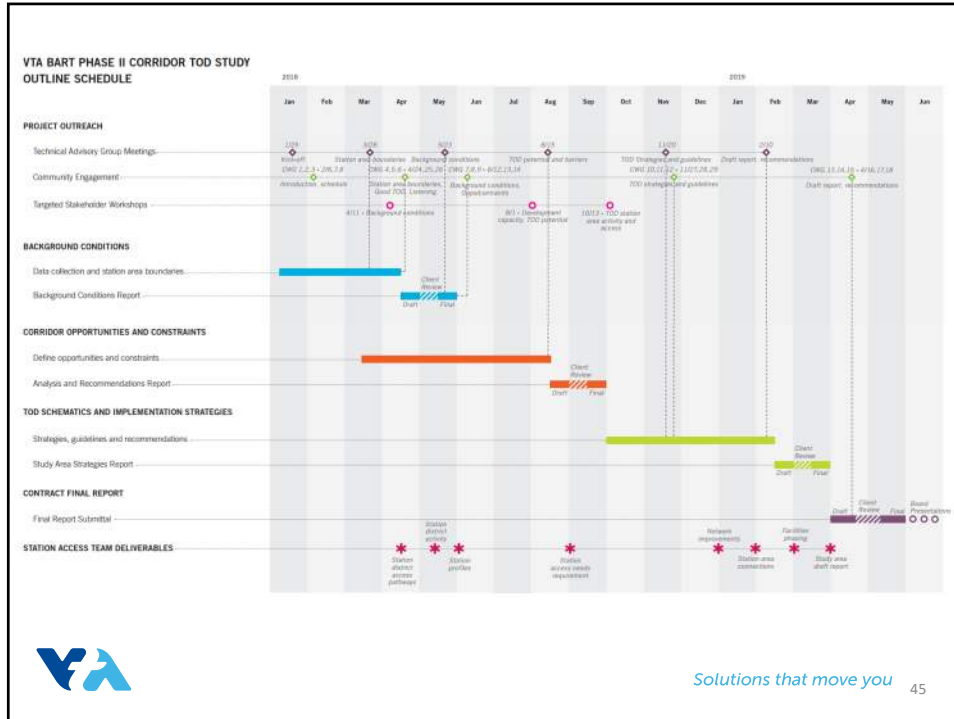
Project Kick-off

- Held January 25th with Technical Advisory Group (TAG) Members
- Discussed:
 - Project Structure
 - Public involvement
 - Desired outcomes
 - Concurrent studies/efforts
- Conducted Site Tour

Technical Advisory Group

- VTA Real Estate & Joint Development
- VTA Operations (Service Planning)
- VTA Planning & Programming Development
- City of San Jose DOT
- City of San Jose Planning
- City of San Jose Office of Economic Development
- City of Santa Clara Community Development
- BART Planning
- BART Silicon Valley Phase II Program Team





Next Steps:

Background Conditions

- Review of Existing Conditions
 - Transportation Elements, Land Uses, Planned Developments
- Review of Parking Conditions
 - Parking supply at stations, parking utilization, TOD best practices
- Review of Recent Planning Studies/Efforts
 - Key efforts include:
 - Downtown Streetlife Plan
 - Park Paseo
 - Downtown Strategy
 - East Santa Clara Street Urban Village Plan
 - Diridon Integrated Station Concept Plan and Diridon Access Plan

VTA Solutions that move you 46

CWG Engagement

Role of CWGs

- Provide input on:
 - Approach and elements for upcoming tasks
 - Technical work
- Encourage public engagement and represent public interests

Upcoming CWGs

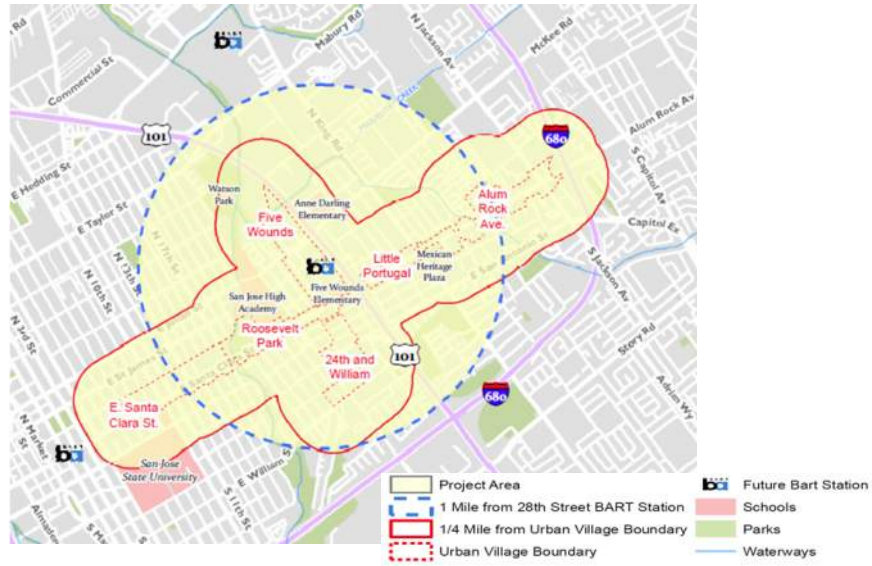
- *April 2018*
 - Evaluation and input on study area boundaries
 - Introduction to elements of TOD and contextual discussion
- *June 2018*
 - Review: Background Conditions Report
 - Input: Opportunities and Constraints Task
 - Corridor Analysis, Market Trends, Affordable Housing, etc.
- *Fall 2018*
 - Review: Analysis and Recommendations Report (Opportunities and Constraints)
 - Input on TOD Strategies and Guidelines
- *Spring 2019*
 - Present Draft Final Report



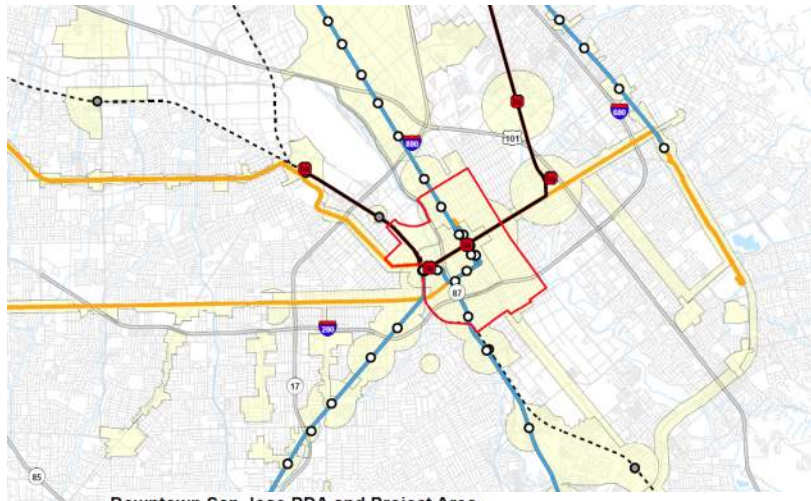
City of San Jose Area-wide Transportation Planning Efforts



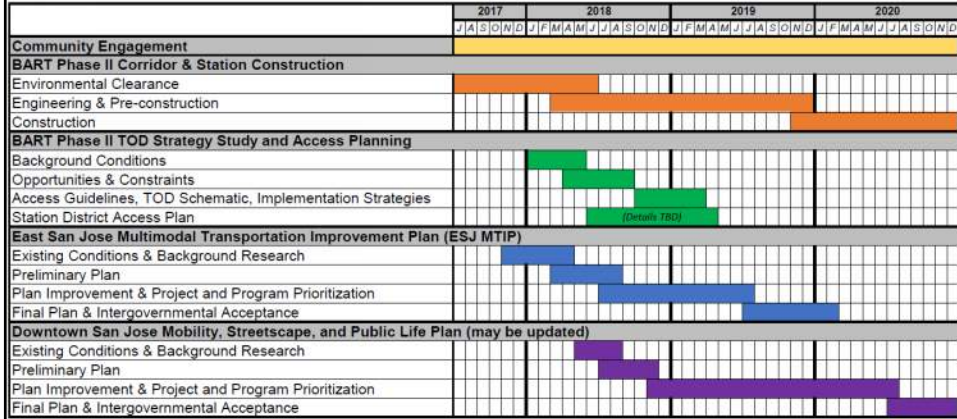
East SJ MTIP Planning Area



DTSJ Mobility, Streetscape, and Public Life Plan Planning Area

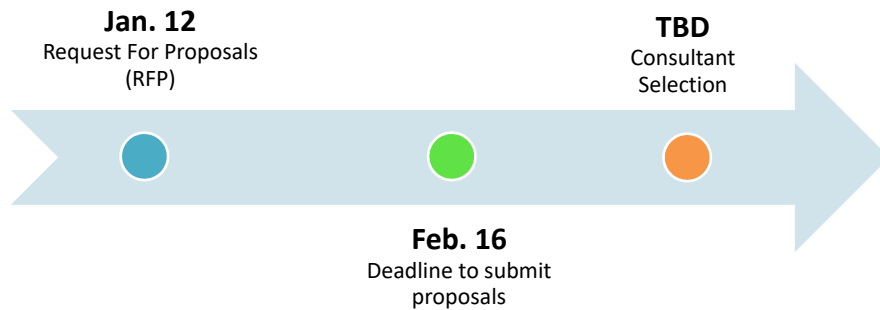


BART Phase II, TOD, Access, and City Planning Studies



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ESJ MTIP Procurement Timeline



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Questions?



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Trails Overview

Yves Zsutty, City of San Jose



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Trail Development



SAN JOSE
PARKS, RECREATION &
NEIGHBORHOOD SERVICES



Vision

The **national leader** for trail integration in the urban environment



- Innovation
- Data Driven
- Quality
- Access
- Partnering
- Pace

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Outcomes

One of nation's largest Trail Networks
59.5 mile Trail Network now open
Commuter share; up to 55%



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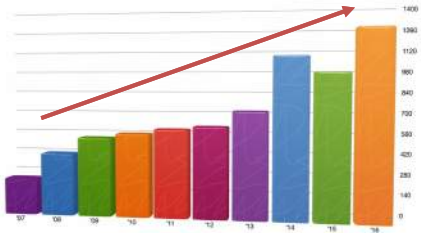
Approach

2004: 26.0 miles
2018: 59.5 miles Class I Trails



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Usage



Guadalupe River Trail – Coleman Avenue Count Station





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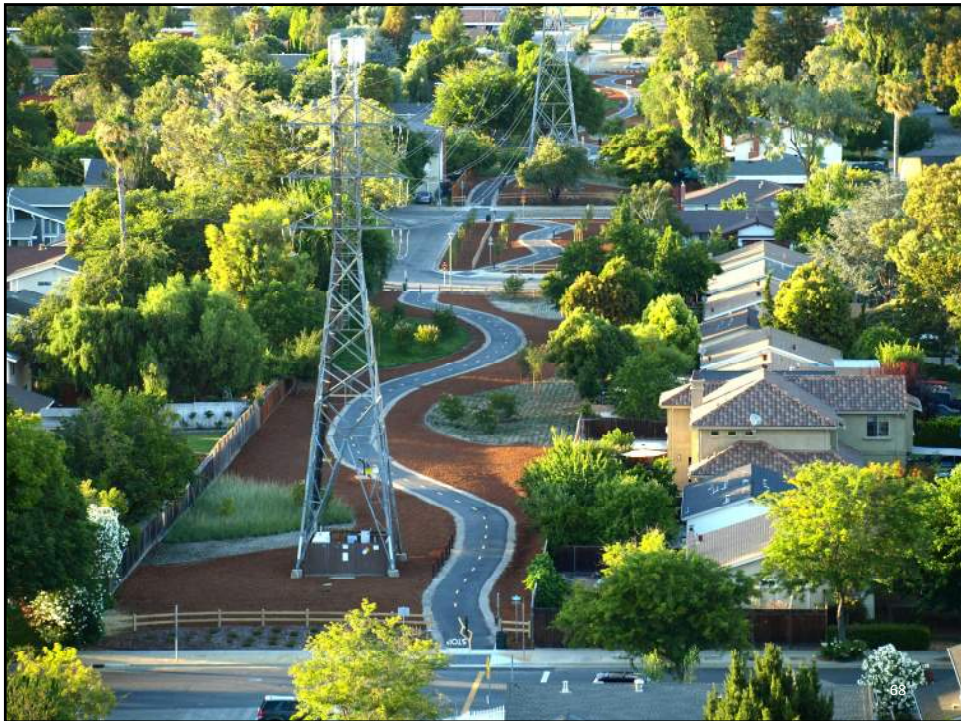
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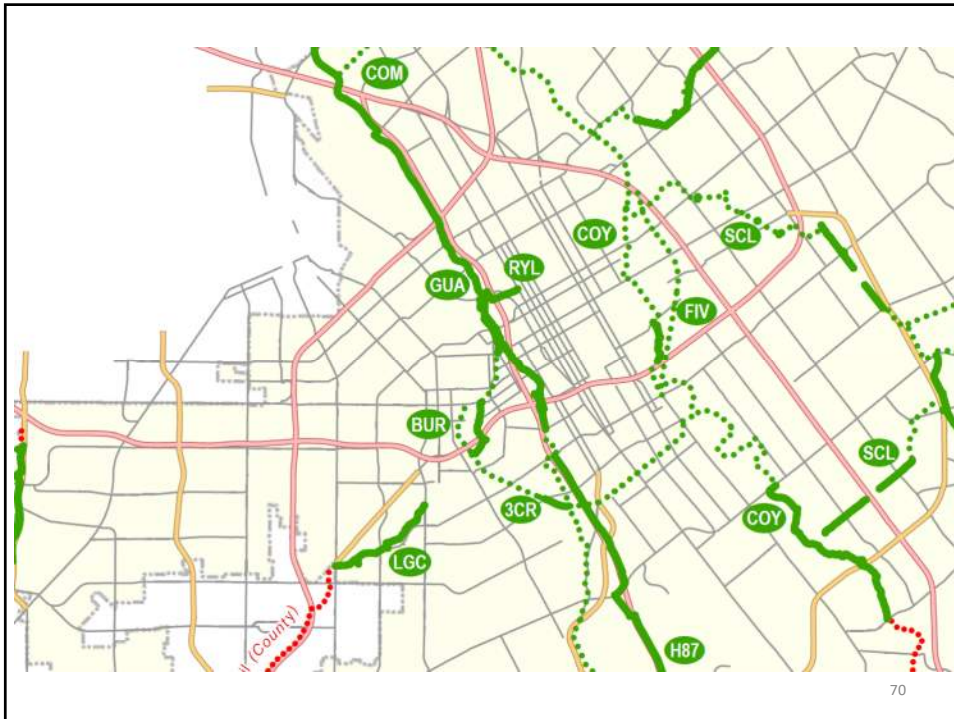


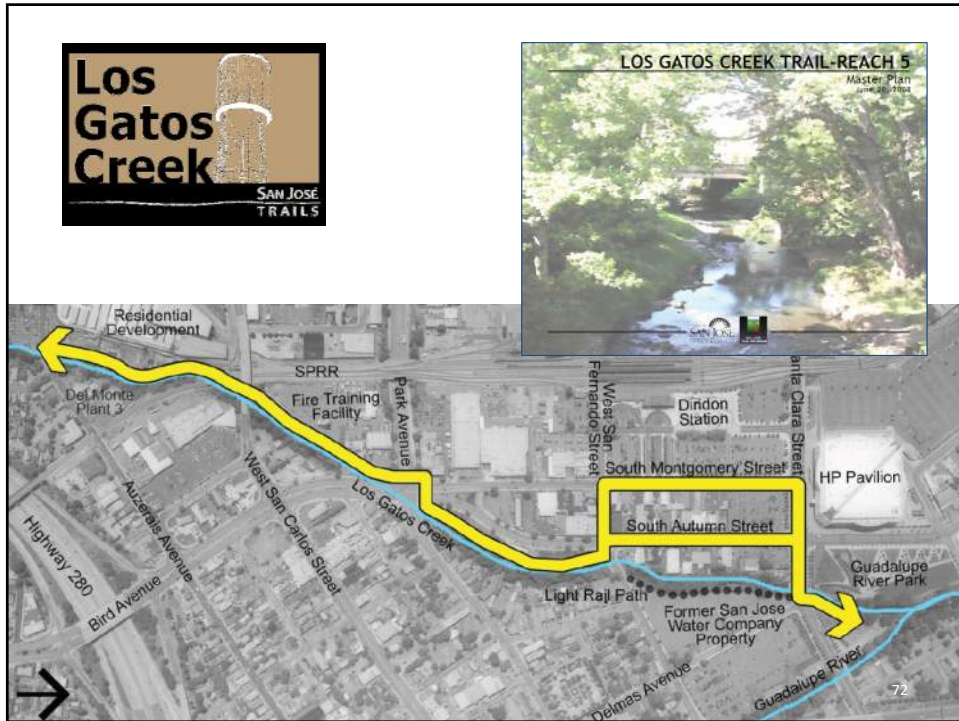
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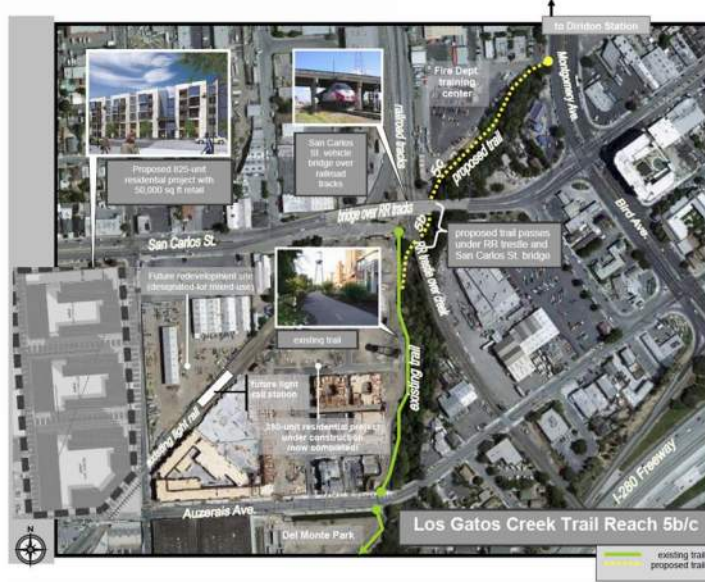
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TRAIL DEVELOPMENT





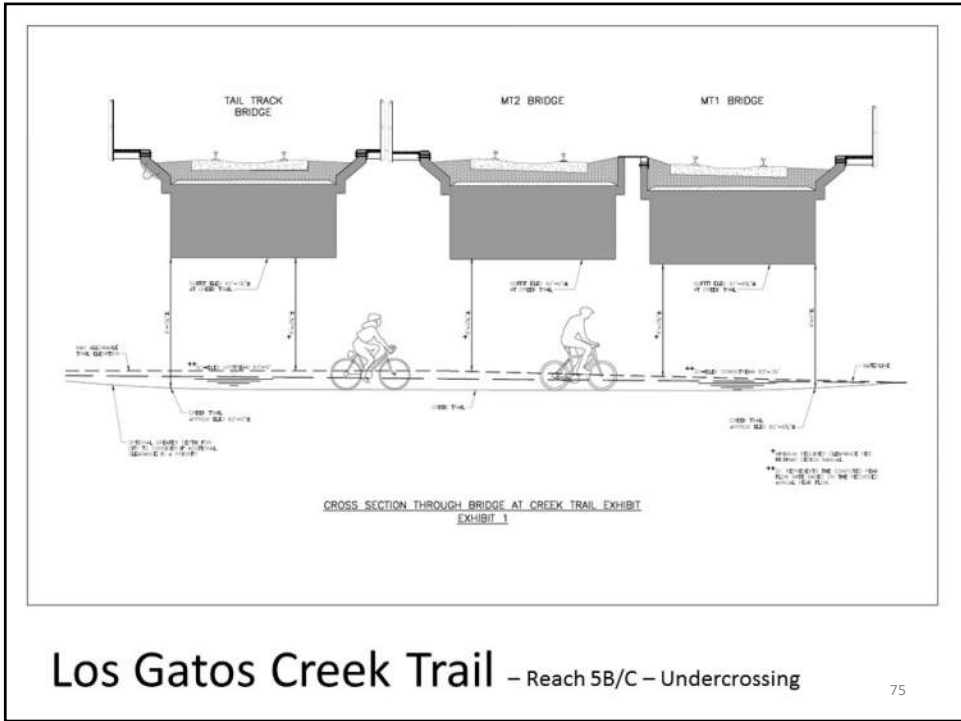
Los Gatos Creek Trail



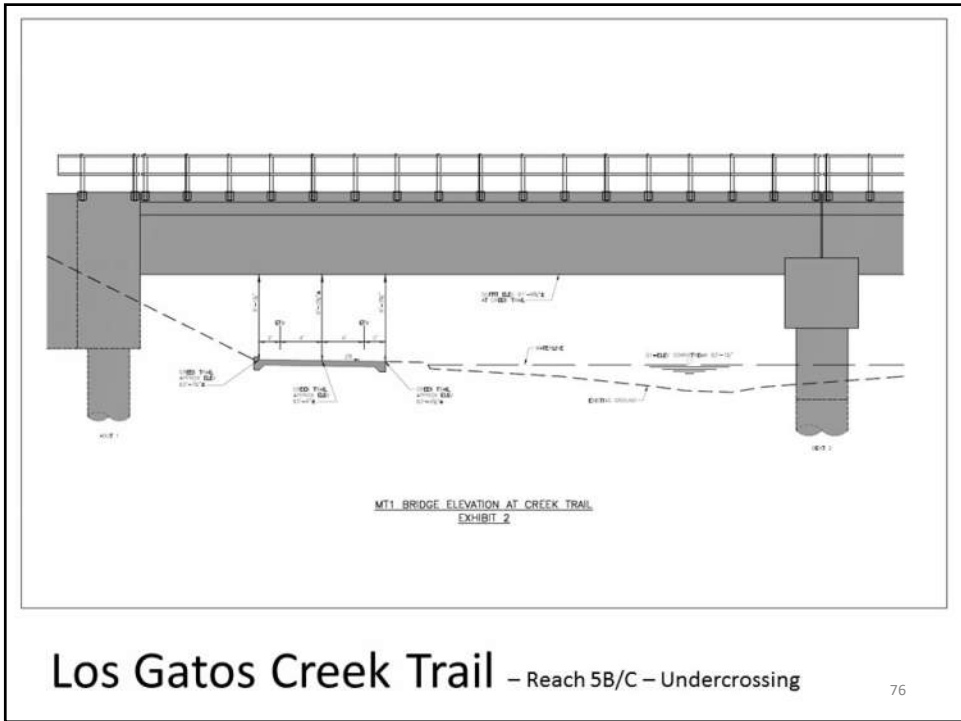
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Los Gatos Creek Trail – Reach 5B/C – Undercrossing



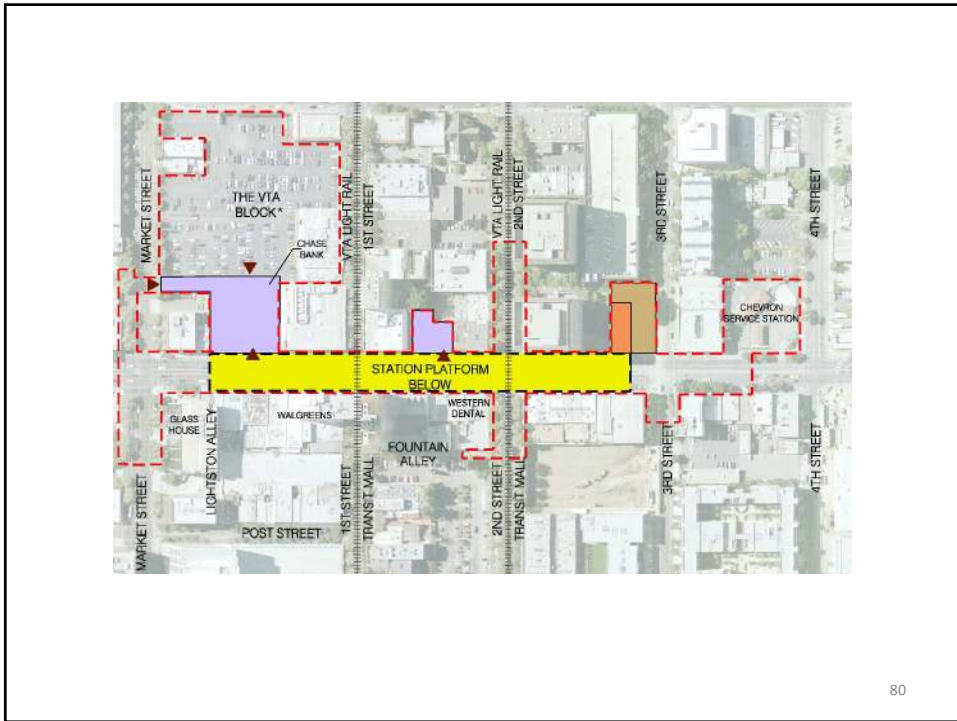
Los Gatos Creek Trail – Reach 5B/C – Undercrossing

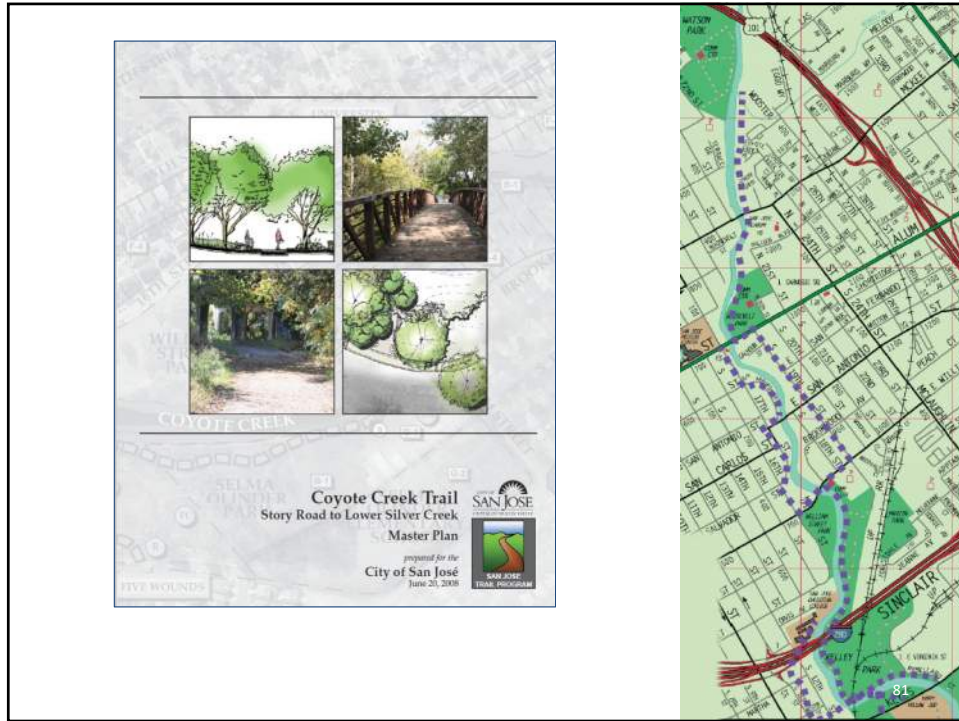


TRAIL DEVELOPMENT

BART
ba Near Downtown San Jose Station







Active Projects



- Berryessa Road to Mabury Road
 - Proposed as part of Flea Market (South)
- Mabury Road to Watson Park
 - Funded for design and construction
- Selma Olinder Park to Story Road
 - Funded for design and construction
- Story Road to Tully Road
 - Funded for design and construction

WATSON PARK
COYOTE CREEK
HWY 101
MAGURY ROAD
NEW BART STATION PARKING

EXISTING TRAIL
POTENTIAL TRAIL GATEWAY
DRAINAGE SWALE AND CULVERT
PROPOSED RED BIKE BRIDGE
RETAINING WALL
POTENTIAL TRAIL GATEWAY

RETAINING WALL WALL FACES TRAIL

0' 100' 200' 400'

3 4 5 6 7 8

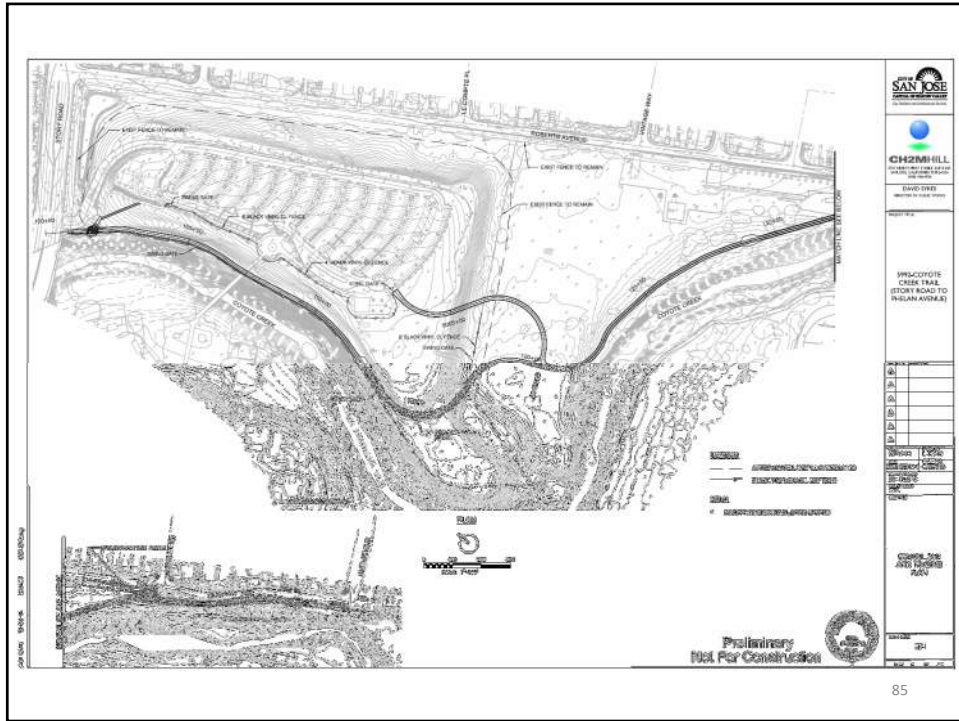
EXISTING CONDITION
COYOTE CREEK TRAIL DESIGN CONCEPT, CITY OF SAN JOSE

SAN JOSE
MARK THOMAS
APRIL 13, 2015

CITY OF SAN JOSE
 CAPITAL OF SILICON VALLEY
 DEPARTMENT OF PUBLIC WORKS
 CITY FACILITIES ARCHITECTURAL SERVICES DIVISION
PLANS FOR THE CONSTRUCTION OF
6324 - COYOTE CREEK TRAIL
STORY ROAD TO SELMA OLINDER PARK
 OCTOBER 2014

<p>INDEX TO DRAWINGS</p> <table border="0"> <thead> <tr> <th>SHEET NO.</th> <th>SHEET TITLE</th> </tr> </thead> <tbody> <tr><td>LI.0</td><td>COVER</td></tr> <tr><td>LI.1</td><td>KEY MAP</td></tr> <tr><td>LI.0 - LI.3</td><td>EXISTING CONDITIONS AND DEMOLITION PLAN</td></tr> <tr><td>LI.0 - LI.2</td><td>WATER POLLUTION CONTROL PLAN</td></tr> <tr><td>LI.0 - LI.4</td><td>PLAN AND PROFILE</td></tr> <tr><td>LI.0</td><td>TYPICAL TRAIL CROSS SECTIONS</td></tr> <tr><td>LI.0 - LI.1</td><td>TRAIL ENLARGEMENT PLAN</td></tr> <tr><td>LI.0 - LI.4</td><td>TRAIL SIGNAGE AND STRIPING PLAN</td></tr> <tr><td>LI.0 - LI.4</td><td>CONSTRUCTION DETAILS</td></tr> <tr><td>CI.0</td><td>INTERSECTION LAYOUT PLAN STORY ROAD AND REHILAND COURT</td></tr> <tr><td>CI.0</td><td>TYPICAL SECTION AND CONSTRUCTION DETAILS</td></tr> <tr><td>EI.0</td><td>ELECTRICAL PLAN & DETAILS</td></tr> <tr><td>SI.0</td><td>REHILAND CT & STORY ROAD STRIPING PLAN</td></tr> <tr><td>TSI.0</td><td>TRAFFIC SIGNAL GENERAL NOTES</td></tr> <tr><td>TSI.1</td><td>TRAFFIC SIGNAL PLAN</td></tr> <tr><td>TSI.2</td><td>CONDUCTOR & EQUIPMENT SCHEDULES</td></tr> <tr><td>TSI.3</td><td>STREET NAME SIGN DETAILS</td></tr> <tr><td>SI.1</td><td>GENERAL NOTES, CHU RETAINING WALL, INTERPRETIVE POLE FOOTING</td></tr> </tbody> </table>	SHEET NO.	SHEET TITLE	LI.0	COVER	LI.1	KEY MAP	LI.0 - LI.3	EXISTING CONDITIONS AND DEMOLITION PLAN	LI.0 - LI.2	WATER POLLUTION CONTROL PLAN	LI.0 - LI.4	PLAN AND PROFILE	LI.0	TYPICAL TRAIL CROSS SECTIONS	LI.0 - LI.1	TRAIL ENLARGEMENT PLAN	LI.0 - LI.4	TRAIL SIGNAGE AND STRIPING PLAN	LI.0 - LI.4	CONSTRUCTION DETAILS	CI.0	INTERSECTION LAYOUT PLAN STORY ROAD AND REHILAND COURT	CI.0	TYPICAL SECTION AND CONSTRUCTION DETAILS	EI.0	ELECTRICAL PLAN & DETAILS	SI.0	REHILAND CT & STORY ROAD STRIPING PLAN	TSI.0	TRAFFIC SIGNAL GENERAL NOTES	TSI.1	TRAFFIC SIGNAL PLAN	TSI.2	CONDUCTOR & EQUIPMENT SCHEDULES	TSI.3	STREET NAME SIGN DETAILS	SI.1	GENERAL NOTES, CHU RETAINING WALL, INTERPRETIVE POLE FOOTING	<p>VICINITY MAP</p> <p>PROJECT LOCATION</p> <p>N.T.S.</p>	<p>APPROVED BY: _____ DATE _____</p> <p>DAVID SYKES DIRECTOR OF PUBLIC WORKS</p> <p>APPROVED BY: _____ DATE _____</p> <p>JULIE EDMONDS-MAKES DIRECTOR OF PARKS, RECREATION, AND NEIGHBORHOOD SERVICES</p>
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California Department of Transportation
 DIVISION OF HIGHWAYS
 1500 K STREET, SACRAMENTO, CA 95833
 916-227-1500



QUESTIONS & ANSWERS

CWG Next Steps

Gretchen Baisa, VTA
Eileen Goodwin, Facilitator



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CWG Potential New Members

February	Nominate and discuss new members
April	Construction Education Outreach Plan (CEOP) overview and first feedback/input
June	FTA Record of Decision
Summer	New member orientation
Fall	New members join CWG; Workshop CEOP



Solutions that move you 88

Collection of Nomination Forms



Solutions that move you 89

Questions?



Solutions that move you 90

Next Steps

Eileen Goodwin, Facilitator



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Next Steps

- Next CWG meeting:
 - Tuesday, April 24, 2018 - 4:00-6:00 PM,
 - Cityview Plaza Tower, 100 W. San Fernando St #340,
 - San Jose, CA 95113~ BYOB
 - Phase I & Phase II Updates
 - San Jose Diridon Integrated Station Concept Plan Update
 - Construction Education Outreach Plan
 - Final Environmental SEIS/SEIR & Project Description Update
 - Transit Oriented Development Strategy & Access Planning Studies Update
 - BART Phase II 2-Year Look Ahead
- Action Items
- Parking Lot Items



Solutions that move you 92