



# **BART SILICON VALLEY**

## Program and Project Update

April 26, 2011

# BART Silicon Valley Program Activities

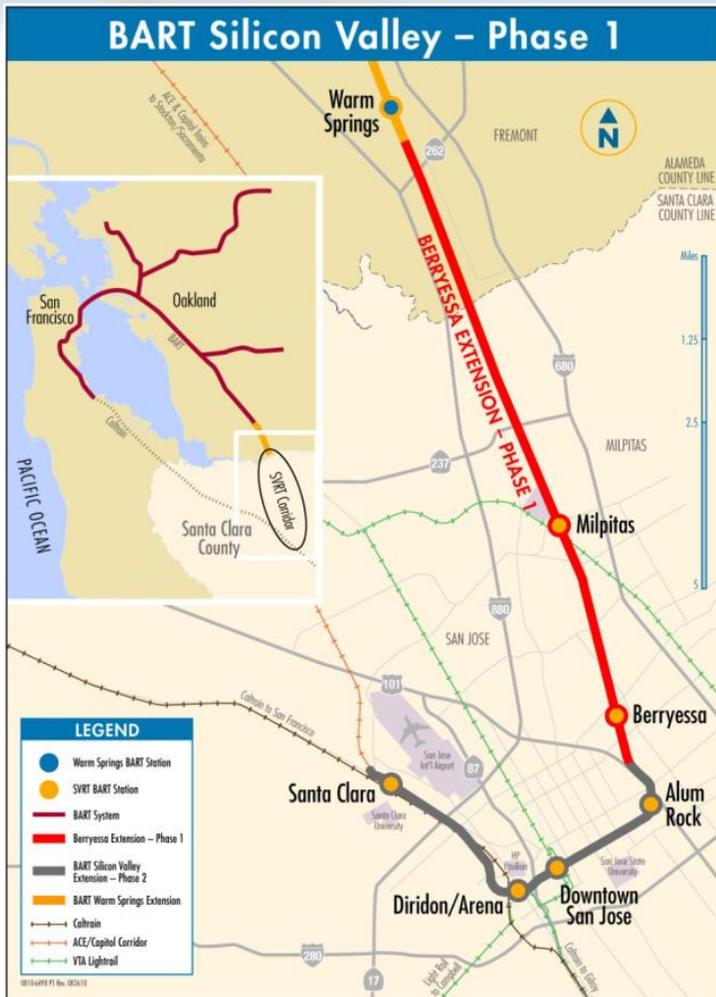
- 16-mile BART Extension (phased delivery)
  - Silicon Valley Berryessa Extension (SVBX)
  - Silicon Valley Santa Clara Extension (SVSX)
- Corridor Preparation
  - Warren and Kato Grade Separations
  - Railroad track relocation
  - Longitudinal utility relocation
- BART Core Modifications to existing system
- Vehicle Procurement
- Funding and Grants
- Communications and Outreach
- Real Estate Acquisition and Management
- Agency Coordination

# Corridor Preparation



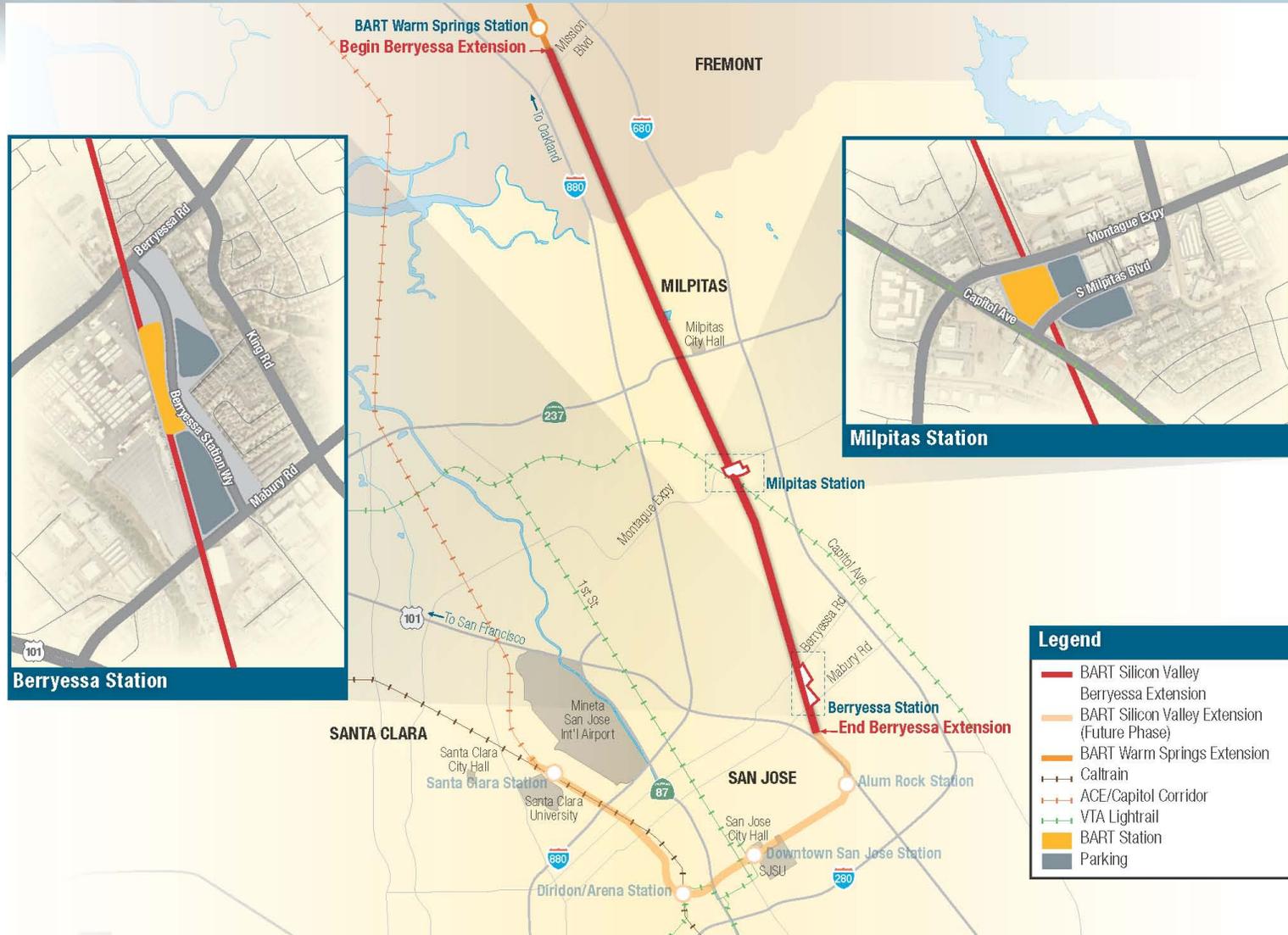
New Berryessa Creek Box Culvert Under Abel Street Bridge

# Phase 1: Berryessa Extension



- FTA New Starts Project
  - Extends 10 Miles from Warm Springs Project limit
  - Milpitas Station
  - Berryessa Station
  - Hayward Yard Primary Shop Conversion
  - 40 Revenue Vehicles
  - OCC Systems Modifications
- Coordinated Core System Improvements
- Hayward Maintenance Complex
  - 20 Revenue Vehicles
  - Others TBD

# Berryessa Extension



# Berryessa Extension

## Key Features

- To be constructed adjacent to 6 miles of operating railroad (Union Pacific)
- Grade Separations/Street Crossings 13
- Bridge Structures 12
- Creek Crossings 9
- Miles at Grade 7
- Miles in Retained-Cut Structures 2
- Miles on Aerial Guideway 1

# Berryessa Extension Stations

## Key Features

- **Milpitas Station**

- Street level station
- Train boarding one level down
- Parking Garage
- “Kiss and Ride” Drop Off
- Shuttle Drop Off
- Bus Transit Center
- Bicycle Storage Room
- VTA Light Rail connection

- **Berryessa Station**

- Street level station
- Train boarding one level up
- Bus Transit Center
- Parking Garage
- Shuttle Drop Off
- Shared Bike and Pedestrian trails
- Bicycle Storage Room
- End of Line Station

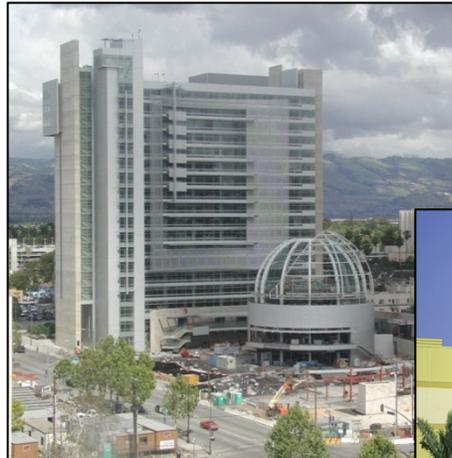
# Future Connections

**Berryessa to Fremont- 15 minutes**

**Milpitas to Oakland/City Center - 50 minutes**

**Berryessa to San Francisco/Montgomery Station - 64 minutes**

Approximate times are based on current BART schedules and estimated train travel times for new extension.



# Milpitas Station



## Campus and Landscape Plan

# Milpitas Station



View from Montague Expressway

# Milpitas Station



View from Montague Light Rail Station Platform

# Berryessa Station



## Campus and Landscape Plan

# Berryessa Station



View from Plaza off Berryessa Station Way

# Agency Coordination Efforts

- BART-VTA Partnership
- Cities of Fremont, Milpitas, and San José
- Union Pacific Railroad
- Caltrans
- Santa Clara County Roads and Airports
- Santa Clara Valley Water District, Alameda County Water District, Alameda County Flood Control, Regional Water Quality Control Board and US Army Corps of Engineers
- Public and Private Utilities

# Communications and Outreach

## Recent Presentations/Exhibits

Santa Clara Chamber of Commerce  
Silicon Valley Leadership Group Transportation Committee  
Milpitas Rotary  
Milpitas Lions  
Milpitas Senior Center  
Fremont Kiwanis  
San Jose Council Member Kansen Chu  
American Council of Engineering Companies  
American Public Works Association  
Tet Festival  
Joint Venture Silicon Valley

# Design Build Procurement

- Board Resolution May 2010
  - Adopted findings of cost and schedule savings
  - Authorized General Manager to solicit and award design build contract for Silicon Valley Berryessa Extension
  - Authorized “Best Value” Selection

# Berryessa Extension Key Milestones

- Milestones:
- Recommendation for Federal Grant - Feb 2011
- Issue Design-Build RFP - Mar 2011
- Final Phase in Federal Program - April 2011
- Receive Design-Build Proposals - Aug 2011 \*
- Design-Build Contract Award - Nov 2011 \*
- Full Funding Grant Agreement - Jan 2012 \*
- Construction Activities - Feb 2012 \*

\* Working schedule subject to change.

# Related Projects

## Interface Construction

- BART – Warm Springs Extension 2011 - 2014
- VTA – Agua Fria, Caliente and Toroges Creeks 2011 - 2012
- VTA – Kato Road Grade Separation 2011 - 2012
- VTA – Mission Warren Grade Separation 2012 - 2014
- VTA – C242 SVBX Demolition and Hazmat 2011 - 2014
- VTA – C720 SVBX Station Campuses 2014 - 2017

# SVBX Project Schedule

