Project Purpose & Need

Close a gap in the Bay Trail and create a safe, inviting, convenient access for bicycles & pedestrians

- Multi-Use Trail Separated From Roadway
- ADA Accessible
Project Overview
Project Overview - Castro Street Terminus
Project Overview – Marine Street Intersection

- Tewksbury Avenue
- I-580 Ramp
- Ret. Wall 2
- Marine Street
- I-580
- Existing Westbound Bicycle-Only Route
- Office Hill (Chevron)
- Retention Pond
- Ret. Wall 3
- North
Project Overview – Freeway Narrows
Project Overview – Scofield Crossing & Toll Plaza

[Diagram of Scofield Crossing & Toll Plaza]

- SCOFIELD AVE
- OFFICE HILL DR
- LONG WHARF
- SAN FRANCISCO BAY
- TOLL PLAZA
- TO SAN RAFAEL
- WESTERN DRIVE
- SCOFIELD DECK
- NORTH
- TO SAN RAFAEL
Project Constraints

- Land Use & Ownership
- Utilities & Infrastructure
- Heightened Security Areas
- Geology & Soil Conditions
- Topography & Steep Slopes
- Site Biology
Design Criteria

- Width & User Separation
- Grades & Cross Slopes
- Design Speed & Surfaces
- Horizontal Curves & Sightlines
- Utility & Infrastructure Clearance
- Construction & Constructability
- Access Control
- Railings & Fencing
- Signage & Striping
- Gratings & Drainage
- Lighting & Call Boxes
- Graffiti, Theft & Vandalism
- Landscaping
Existing Land Use Map

LEGEND
- CALTRANS ROW
- RESIDENTIAL LAND USE
- INDUSTRIAL LAND USE
- COMMERCIAL LAND USE
- PUBLIC AND INSTITUTIONAL LAND USE
- OPEN SPACE LAND USE
- PROPOSED TRAIL ALIGNMENT

NOTES:
1. RIGHT OF WAY LINES SHOWN HEREIN ARE BASED ON THE FOLLOWING CALTRANS RIGHT OF WAY RECORD MAPS PROVIDED TO THE SURVEYOR (KOSTER, SAVIO & REI, INC.):
   - R-70.8 (LAST REVISED 9/90)
   - R-102.21R (LAST REVISED 3/97)
   - R-102.21R (LAST REVISED 3/97)
   - R-102.22R (LAST REVISED 3/97)
   - R-102.23R (LAST REVISED 3/97)
   - R-102.24R (LAST REVISED 3/97)
2. CALTRANS POST MILES ARE APPROXIMATE.
3. LAND USE DELINEATIONS BASED ON CITY OF RICHMOND GENERAL PLAN LAND USE MAP (NOVEMBER 2006)
Caltrans Right of Way Map
San Francisco Bay Trail Connection
Castro Street to Richmond-San Rafael Bridge

ALTERNATIVES CONSIDERED
San Francisco Bay Trail Connection
Castro Street to Richmond-San Rafael Bridge

LOCAL CONSENSUS ALIGNMENT
Local Consensus Alignment – Plan & Profile
Alternative 2 Alignment – Plan & Profile
Local Consensus Alignment
Typical Sections - At-Grade Trail
Local Consensus Alignment
Typical Sections - Elevated Structures
Local Consensus Alignment
Design Details - Structure at RW-3
Local Consensus Alignment Design Details
Structure at Scofield Crossing
Local Consensus Alignment Design Details
Structure at Scofield Crossing
Fully Enclosed with Solid Roof and 1-inch mesh

Jack London Square, Oakland
Fully Enclosed with 1-inch mesh

Moffett Ave. Bridge, Mountain View