San Mateo Bridges Replacement Project

Replacement of Four 100-Year-Old Rail Bridges

Community Meeting
Nov. 14, 2013
Overview

• The Project

• Advanced Site Prep.

• Bridge Replacement

• Next Steps
Project Scope

• Replace and raise four existing three span bridges with new modern single span bridges
• Bridge design requires construction of higher berm supported by new retaining walls
Project Area

Replace Four 100 Year Old Bridges
Background

Why do these bridges need to be replaced?

• Rapidly aging rail bridges
• Do not meet current seismic safety standards
• Replacement needed to ensure continued safe rail operations
• Increased height requirements for vehicle clearance
Timeline

• **Advanced Site Prep**
  – Removing trees
  – Work to begin in January

• **Main Contract**
  – Replace bridges, and raise tracks
  – Work to begin late summer of 2014
Advanced Site Prep.
Advanced Site Prep.

- New bridges require that tracks be raised → raising the tracks requires removing the vegetation
- Clear trees in conflict with the project
- Separate contract allows for work to be performed by specialized contractor
Scope

• Vegetation removal between E. Bellevue and the Caltrain Station.

• Approx. 100 trees to be removed.

• All trees to be removed are on Caltrain property
Mitigation

• Working closely with City of San Mateo on mitigation

• Stumps/brush/lower vegetation to remain in place through winter to ensure slope stability

• Vector control part of contract
Construction

• Work will begin January

• Start at Tilton Ave; progress North

• Monday – Friday, 7:00am-7:00pm

• Parking restrictions will be required and posted at each bridge
Construction

- Crew: 8 men with hand tools and chainsaws
- Equipment on Caltrain ROW: Bobcat/mini-excavator
- Equipment on street: Chipper, Dump Trucks, and Crane
- A Crane will assist with the largest trees.
Bridge Replacement
(Main Contract)
Bridge Replacement

- Design is at 65%
- Design complete by early next year
- Construction will begin summer 2014
- Those directly impacted will be contacted individually by Caltrain
Project Elements

- Utility relocations
- Construct retaining wall
- Build earthen berm
- Raise tracks
- Roll in new bridges
- Final paving and street improvements
Construction

• Summer 2014 to summer 2016
• Lane closures and some parking restrictions during construction of berm
• Most work 7 AM to 7 PM Mon – Fri
• Some work (rail and bridge roll ins) at night and on weekends.
Roll In/Roll Out Of Bridges

- New bridge assembled on site
- Roll in/roll out during a single weekend
- Old bridge demolished after roll in
Temporary Road Closures – late 2015 into 2016

Poplar: Closed up to 8 weeks during bridge change out

Monte Diablo: Closed up to 8 weeks during bridge change out

Santa Inez: Closed up to 8 weeks during bridge change out

Tilton: Closed up to 8 weeks during bridge change out
Community Input

- Community meeting - May 2, 2013
- Notification Process
  - Notices/mailers
  - Door-to-door communication
  - Write-up in HANCSM newsletter
  - Special project Web page www.caltrain.com/SMBridges
  - Social media (Facebook & Twitter)
  - New online discussion group (Google)
  - Responses to individual public requests and questions
Next Steps

- Finalize design
- Complete site clearing/vegetation removal
- Award of construction contract for Main Contract
- Caltrain will be contacting those directly impacted
- Next community prior to construction
More Info

- www.caltrain.com/SMBridges
  - Subscribe to updates

- Google Groups - caltrainsmbridges

- Email: smbridges@caltrain.com

- Construction Outreach Hotline: 650.508.7726
Questions ?