RE-ENVISIONING DOYLE DRIVE

PRESIDIO PARKWAY

Doyle Drive Replacement Update
Agenda

- Introduction
- Project Overview
- Landscape Design Update
- Construction Update Specific to North Fort Scott and Highway 1/101
- Questions and Answers
Project Status
CONSTRUCTION TIMELINE & PROJECT FEATURES

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<tbody>
<tr>
<td>PHASE I</td>
<td>Traffic Shift</td>
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<td></td>
<td>Major Project Completion</td>
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<td>PHASE II</td>
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PHASE I & PHASE II TIMELINE
Overview of Elements

- Preconstruction activities
- Major construction elements
  - Realign Highways 1 and 101
  - NB High Viaduct
  - NB Battery Tunnel
  - Main Post Tunnels
  - Low Viaduct
  - Girard Road Interchange

- 2nd Weekend Closure
  - Final Construction/Deconstruction Elements
  - Final Landscaping (North Fort Scott in advance)
Project Corridor
Project Corridor
Highway 1/101 Realignment
NB High Viaduct
Main Post Tunnels
Corridor Before Construction
Phase II Condition
Landscape Design Update
Goals

- Provide visual screening between Doyle Drive and Armistead Road
  - Start with larger nursery stock
  - Select faster growing species
- Include a berm where possible for increased elevation and screening
- Provide a permanent fence for additional screening
NFS Landscape Buffer

**Legend**

<table>
<thead>
<tr>
<th>Trees</th>
<th>Container Size</th>
<th>Height at Planting</th>
<th>Height at Maturity</th>
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<tbody>
<tr>
<td>Existing Trees To Remain</td>
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<tr>
<td>Large Evergreen Tree</td>
<td>24&quot; Box</td>
<td>8-10 FT</td>
<td>40+ FT</td>
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<tr>
<td>Medium Evergreen Tree</td>
<td>24&quot; Box</td>
<td>6-7 FT</td>
<td>20-40 FT</td>
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<tr>
<td>Small/Low Branching Evergreen Tree</td>
<td>24&quot; Box</td>
<td>4-5 FT</td>
<td>12-20 FT</td>
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<tr>
<td>Tall Shrubs</td>
<td>15 Gal</td>
<td>3 FT</td>
<td>7-12 FT</td>
</tr>
<tr>
<td>Medium Shrubs</td>
<td>5 Gal</td>
<td>2 FT</td>
<td>4-6 FT</td>
</tr>
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</table>

**Native Plants from TPF Nursery (Height at Maturity)**

- Native Herbaceous Groundcover
- Native Herbsaceous Groundcover
- Native Low Evergreen Groundcover (1-3 FT)
- Native Low Evergreen Shrub (1-3 FT)
- Native Medium Deciduous Shrub (8-6 FT)
- Native Medium Evergreen Shrub (8-4 FT)
- Native Tall Evergreen Shrub (7-12 FT)
- Native Tall Evergreen Shrub (7-12 FT)
- Native Tall Evergreen Shrub (7-12 FT)
- Native Small Evergreen Tree (2-20 FT)
- Native Large Evergreen Tree (40+ FT)
- Native Grass Mix

Notes:
1. Information contained is diagrammatic only and is intended to provide design guidance to be used in the development of final designs. It is not intended to represent a complete and final design.
2. Assumed minimum setback for large and medium trees from highway.
NFS Landscape Cross Section
NFS Landscape Cross Sections
NFS Future Fence Design
NFS Future Fence Design
NFS Future Fence Design
Armistead Relocation Request

Vary thick underbrush and tall eucalyptus trees. Estimate removal of at least 50 large trees for new 20’ wide roadway. Parking area shown can accommodate ~25 spaces.

- 8 spaces
- 4 spaces
- 4 spaces
- 4 spaces
- 0 spaces?

Storage building - no apparent #
Armistead Relocation Request

- Removes ~ 50 trees
- Removes 43 parking spaces (total parking supply from 141 to 98)
- Potential to replace ~ 25 spaces (4 on Lendrum, 29 perpendicular on Armistead, 10 parallel on Armistead)
- Removes storage bldg end of Lendrum
- ~ 5000 cy of soil imported for berm
- Introduces through traffic to Ramsel and Lendrum
- Unclear whether units could be access from new parking area
Construction Update
Armistead Area Work
Armistead Area Work
Armistead Area Work – Phase 3

- Overnight closure of NB Hwy 1 to temporary alignment ~ 1 month
- Begin construction of NB101 to SB1 (hook ramp, retaining walls, bridge approach slab)
- Continue NB 101 Construction (High Viaduct, portions of at–grade roadway)
Map of Phase 5

**STAGE I**
**PHASE V**

CONTINUE CONSTRUCT BRIDGE & RET. WALLS

CONSTRUCT PORTION OF SB 101

ARMISTEAD AREA

PRESIDIO PARKWAY PROJECT
Map of Stage 2

STAGE 2

CONTINUE CONSTRUCT BRIDGE & RET. WALLS

CONSTRUCT NB HWY 101

CONSTRUCT CONNECTOR RAMP TO SB HWY 1

PRESIDIO PARKWAY PROJECT
Map of Stage 3

STAGE III
3 DAY CLOSURE

COMPLETE HIGH VIADUCT AND SB 101 TIE-INS

SB/NB 101 CLOSED

PRESIDIO PARKWAY PROJECT

ARMISTEAD AREA
Final Configuration
Current Highway 1/101 Alignment
Phase 3 - Hwy 1/101 Alignment
General Construction Hours

- 7:00 a.m. – 7:00 p.m. (Mon.-Fri.)
- 9:00 a.m. – 6:00 p.m. (Sat.)
- Night work as required
- Limited Sunday work
- Potential extended hours to expedite construction
Construction Mitigation

- Dust control
- Erosion control
- Biological resource and tree protection
- Air/water quality management and monitoring
- Noise and vibration monitoring
- Cultural resource protection and monitoring
- No contractor parking outside of construction area
- Traffic management and monitoring
Air Quality

- Aggressive dust control plan to maintain the best possible air quality for workers and surrounding community

- On-going dust sampling for worker, environmental and public protection

- Results are in compliance with requirements from BAAQMD and Cal/Osha and project specifications
Dust Control Measures

- Administrative Controls
  - Site Security Fencing
  - Specifications - Dust Control Requirements

- Engineering Controls
  - Source Control – Water and Dust Palliatives
  - Stockpile Management
  - Air Monitoring
Noise Monitoring and Control Plan

- Baseline ambient sound determined after 3 weeks of monitoring
- Continuous monitoring and notification of construction team when there is an exceedance of noise limits
- 2 exceedances that were project related (1 during demolition, the other undetermined)
Safety

- Worker Safety
  - Employee Protection
  - Safe Practices
  - Training

- Traffic Safety
  - Signage/Delineation
  - Coordination with Emergency Service Providers

- Public Safety
  - Access Control
  - Guidance

- Environmental Safety/Protection
Other Upcoming Activity
Lincoln Blvd Closure for Falsework
NB1 Closure for Phase 3 & Falsework

CONSTRUCTION ADVISORY
May 2013

OVERNIGHT NORTHBOUND HWY 1 CLOSURES
Beginning Wednesday, May 15 from 12:01 a.m. to 4:00 a.m.

Beginning at 12:01 a.m. on Wednesday, May 15, there will be overnight closures of Northbound Highway 1 at Lake St.

Planned Closure Hours:
- Monday - Thursday: 12:01 a.m. - 4:00 a.m.
- Friday and Saturday: 12:01 a.m. - 5:00 a.m.

This work is expected to continue nightly for approximately 3 weeks.

This ramp closure is necessary for crews to remove the old High Viaduct and make room for construction of the new bridge.

Closure times were selected due to the low volume of traffic.

The official detour route was selected because it is able to carry a high volume of traffic and uses relatively flat streets.

The signed detour must be accessible to all vehicles, including large trucks, motor homes, etc. Most people will choose their alternate route based on what is most convenient for their trip.

All dates are subject to change due to weather and unforeseen conditions. Please visit www.PresidioParkway.org for up-to-date information.
Future GGB Closure

- Golden Gate Bridge weekend closure in late 2014/early 2015 to install Movable Median Barrier
Contact Us

- Phone: 415.295.4636
- E-mail: info@presidioparkway.org
- Sign-up for email advisories:
  - www.presidioparkway.org/contact
Presidio Parkway Animation
RE-ENVISIONING DOYLE DRIVE – PRESIDIO PARKWAY

Final Environmental Document
Local Air Quality – 2008 FEIS/R

- Project results in very small increase in Vehicle Miles Traveled (<2.5% over 30 years)
- Project does not add capacity
- Project results in improved traffic flow and reduced idling resulting in a “neutral or positive” influence on emissions
- EPA and FHWA determined Presidio Parkway is not a project of air quality concern
Studied a 10-foot high permanent noise barrier along the right-of-way line

FEIS/R conclusion was that the barrier would not be feasible according to Caltrans protocol

Additionally the sound wall was not consistent with the cultural landscape of the National Park