Presentation Overview

- Introduction
- Project Acceleration
- Construction Contracts
- Construction Activities
- Lane and Road Closures
- Other Impacts/Issues
Project Consensus and Coordination

Doyle Drive Subcommittee

Institutions and logos of various organizations involved in the project.
SOUTH ACCESS TO THE GOLDEN GATE BRIDGE – DOYLE DRIVE

DOYLE DRIVE

Project Acceleration
SOUTH ACCESS TO THE GOLDEN GATE BRIDGE – DOYLE DRIVE

Original Project Time Line

- **Summer 2000**: ID
- **Feb. 2000**: Environmental Studies begin
- **Summer 2000**: Alternatives Begin Prelim Engineering
- **Dec. 2005**: Draft EIS/EIR Public Comment Begins
- **Dec. 2008**: Final EIS/EIR
- **Fall 2010**: Preferred Alt
- **Fall 2010**: Detailed Design Completed
- **Winter 2011**: Construction Start
- **Summer 2014**: Project Complete

- **Draft EIS/EIR For Comment**
- **Final EIS/EIR ROD**
- **Start Construction**

= Milestones Completed
Accelerated Schedule

- Replace deficient facility sooner
- Get in and get out
- Reduce escalation cost
- Qualify for federal stimulus
- Take advantage of favorable market conditions
- Help create jobs to support local and regional economy
### Contracts

#### Pre-Construction Contracts:
- Contract 1: Environmental mitigation (Built-Environmental Treatment Plan) – Active through roadway contracts
- Contract 2: Utility Plan and Relocation

#### Roadway Construction Contracts:
- Contract 3: Southbound Presidio Interchange/High Viaduct
- Contract 4: Southbound Battery Tunnel and At-Grade Detour
- Contract 5: Girard Interchange, Low Viaduct
- Contract 6: Northbound Battery Tunnel, Main Post Tunnels
- Contract 7: Northbound Presidio Interchange/High Viaduct
- Contract 8: Landscaping
DRAFT Schedule

Seismic Safety Achieved - Early 2011

Roadway Complete - Late 2012

Original Project Schedule Completion - Spring 2014
Existing Site

- National Historic Park
- Historic Buildings
- Presidio Trust
SB Park Presidio Viaduct
Southern Park Presidio Interchange
Ruckman Undercrossing
Begin/End Construction: October 2009 - Early 2011
High Viaduct Renderings
SB Battery Tunnel and permanent roadway

At-Grade Detour

Battery Tunnel Portals
Demolish Low Viaduct

NB Battery Tunnel, Main Post Tunnels

Roadwork and Mechanical and Electrical substations

Begin/End Construction: Summer 2011- Late 2012
Main Post Tunnel Portals
Girard Road Interchange
Low Viaduct
Begin/End Construction: Summer 2011 – Late 2012
Contract No. 7 – NB Presidio Interchange

- NB Presidio Viaduct
- Northern Park Presidio Interchange
- NB Roadway to Merchant Road
- Begin/End Construction: Summer 2011 – Late 2012
Contract No. 8 – Landscaping

Construction Overview
General Construction Impacts

- Noise
- Dust
- Traffic control and parking impacts
- Road closures and detours
- Large construction equipment
- Material storage and hauling
- Material delivery and associated truck traffic
Key Construction Mitigation

- Visual screening of construction sites
- Dust control
- Air/water quality management and monitoring
- Biological resource and tree protection
- Cultural resource protection and monitoring
- Advance notice for major activities
- No contractor parking outside of construction area
## Schedule of Upcoming Activities

<table>
<thead>
<tr>
<th>Upcoming Activity</th>
<th>Summer 09</th>
<th>Fall 09</th>
<th>Winter 09/10</th>
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<tbody>
<tr>
<td>Utility Relocation</td>
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<td>LATE 2010</td>
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<td>Native Plant &amp; Seed Collection</td>
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<td>Initial Tree Removal</td>
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<td>EARLY 2013</td>
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<tr>
<td>Construction</td>
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</tbody>
</table>
Expected Work Hours

- 7:00 a.m. – 7:00 p.m. (Mon.-Fri.)
- 9:00 a.m. – 6:00 p.m. (Sat.)
- Limited Sunday work
- Occasional night work
SOUTH ACCESS TO THE GOLDEN GATE BRIDGE – DOYLE DRIVE

Construction Areas
Construction Work Areas

Targeted Project Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
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<td>Environmental Mitigation (on-going) (not depicted on map)</td>
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<td>Utility Relocation (not depicted on map)</td>
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<td>Southwest Section</td>
<td>Northwest Section</td>
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<td>SB Battery Tunnel</td>
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<td>Detour Construction</td>
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<td></td>
<td>3-DAY WEEKEND CLOSURE - DETOUR OPENS</td>
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<td>TRAFFIC ON FINAL ROADWAY</td>
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<td>3-DAY WEEKEND CLOSURE</td>
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<td>Landscaping (not depicted on map)</td>
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Western Section

Major Elements:
- Bridge construction
- Bridge demolition
- Roadway work

Major Activities:
- Near Rod Road, Storey Ave., Ruckman Ave. and Armistead Road neighborhoods
- Tree removal, clearing, grubbing and grading (site preparation)
- Extended concrete pours
- Night work for traffic tie-ins

Mid-2009-Early 2011
Early 2011-Late 2012
(Site preparation in late 2010)
Central Area Battery Tunnels

Key Elements:
- Battery Tunnels
- Roadway and Retaining Walls

Major Activities:
- Near Riley Ave. (residential neighborhood)
- Closure of Lincoln Boulevard (near the National Cemetery)
- Deep soil excavation
- Stockpiling and hauling of material
- Concrete pours

Late 2009-Early 2011
Early 2011-Late 2012
Temporary Detour

Key Elements

- Roadway construction
- Full Weekend Closure of Doyle Drive

Major Activities

- Building demolition (Public Storage)
- Halleck St. and Marshall Ave. closures (Mason St. to Gorgas Ave.)
- Pedestrian access restricted (north-south connection from Richardson Blvd. or McDowell Ave.)
- Loss of parking
- Visual impact

Detour
Construction: Early 2010-Early 2011
Traffic on Detour: Early 2011-Late 2012
**Eastern Section**

### Key Elements
- Main Post Tunnels
- Girard interchange
- Connections to Marina and Richardson Ave.
- Low Viaduct
- Electrical and Mechanical Substation

### Major Activities
- Demolish existing low viaduct
- Halleck St. and Marshall Ave. closures (Mason St to Gorgas Ave)
- Pedestrian access restricted (north-south connection from Richardson Blvd. or McDowell Ave)
- Loss of parking
- **Full weekend closure to switch traffic to new Doyle Drive**

Late 2010-Late 2012
SOUTH ACCESS TO THE GOLDEN GATE BRIDGE – DOYLE DRIVE

DOYLE DRIVE

Lane/Road Closures
Primary Long-Term Road Closures

Schedule of Road Closures

<table>
<thead>
<tr>
<th>2010</th>
<th>2011</th>
<th>2012</th>
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<tbody>
<tr>
<td><strong>1</strong> NB Doyle Drive to SB Park Presidio</td>
<td><strong>4</strong> Halleck Street</td>
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<tr>
<td><strong>2</strong> NB Park Presidio to SB Doyle Drive</td>
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<tr>
<td><strong>3</strong> Lincoln Boulevard</td>
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Doyle Drive and Park Presidio
Traffic Circulation During Construction

- **PHASE I**: Fall 2009-Early 2011
  - Traffic on Existing Road
  - Construction adjacent to existing roadway

- **3-Day Weekend Closure of Doyle Drive #1**: Early 2011
  - Purpose: To transfer traffic onto the temporary detour
At - Grade Detour

- Connection from Marina Blvd / Richardson Avenue to SB Battery Tunnel
- Staged Construction: Full Weekend closure required to demo existing structures, complete roadway and open detour to traffic. The detour opening requires the completion of SB High Viaduct and SB Battery Tunnel.
- Variable width (5 to 6 lanes) with moveable median barrier
- Length = 3789’
Closure #1 - Detour

- Traffic will be routed to Route 1 with 2 lanes in each direction.

- Fulton Street, Geary Boulevard, and California Street are available detour routes.
Traffic Circulation During Construction

- **PHASE II**: Summer 2011-Early 2013
  - Traffic on new Roadway and Temporary Detour
  - Construction off new roadway and deconstruction of existing Doyle Drive

- **3-Day Weekend Closure of Doyle Drive #2**: Early 2013
  - Purpose: To transfer traffic onto the final roadway

- **MAJOR CONSTRUCTION COMPLETE**: Early 2013
  - Traffic on Final Roadway
  - Construction complete
SOUTH ACCESS TO THE GOLDEN GATE BRIDGE – DOYLE DRIVE

DOYLE DRIVE

Issues
Concerns

- Construction Issues
  - GGB as Potential Construction route
  - Expected trucking volume
  - Construction hours
  - Weekend closure needs / Detour
  - Other construction contracts by others
  - Presidio Trust / GGBD Blocked days
  - Construction Route
  - Communication Plan
Concerns (cont’d)

- Other concerns:
  - P3 Proposal
  - Funding agreement
  - R/W Certification with GGBD
  - Operation / Escort agreement
  - Maintenance agreement plan
  - TOS Equipment Joint room
  - Movable Barrier machine storage
The “Parkway Alternative”