



**SFOBB – Seismic Replacement Project**  
**Status of Construction**  
**Week Ending December 12<sup>th</sup>, 2003**



**SKYWAY (04-012024)**

**Resident Engineer: Doug Coe**

Time Elapsed – 44%	Bid Opening date – December 19, 2001	<a href="http://www.newbaybridge.org">http://www.newbaybridge.org</a>
Complete – 34%	Construction Began – February 6, 2002	<a href="http://www.dot.ca.gov/dist4/sfobbbulletin.htm">http://www.dot.ca.gov/dist4/sfobbbulletin.htm</a>
Project Cost: \$1,043M	Est. Date of Completion – Fall 2006	<a href="http://biomitigation.org/">http://biomitigation.org/</a>

**THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

	This Week	Total to Date	Project Total	Percent Complete
<b>FOUNDATIONS</b>				
Footing Boxes Set	0	12	28	46.43%
Piles Driven	3	65	160	40.63%
<b>PRECAST YARD</b>				
Panels Poured	6	163	876	18.61%
Segments Poured	3	72	452	15.93%

**MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

Note: All dates noted are subject to change according to the contractor's schedule and weather conditions

**FOUNDATION AND SUBSTRUCTURE**

- Pier 16E – Construction of pier table falsework
- Pier 15E – Finish joint seal around access casing
- Pier 14E – Pour concrete for access casing
- Pier 13E – Finish pier forms for lower lift of column
- Pier 12E – Thermal blanket installation and cure concrete for footing top slab
- Pier 11E – Install top slab rebar for footing
- Pier 10E – Place pile rebar cages and pour concrete in piles
- Pier 09E – Complete welding for the pile head connections
- Pier 08E – Start pile head connection welding
- Pier 07E – Dewater box and prepare for cutting slots for pile head connection welding
- Pier 06E – Dredge piles
- Pier 05E – Drive piles on the western side
- Pier 4E and 3E – Pour concrete for perimeter wall of footing while on barge at Berth 7
- Pier 16W – Complete driving sheet piles for cofferdam and excavate to grade
- Pier 15W – Cure concrete infill of footing box located at berth 7

**PRECAST YARD (Stockton)**

- Eight panels scheduled to be cast
- Four segments scheduled to be cast
- Continuing to assemble and load test the SLEDs



## **W2 (04-0120C4)**

**Resident Engineer: Pedro Sanchez**

Time Elapsed – 63%

Est. Date of Completion – March 21<sup>st</sup>, 2004

Structure Work Complete – 45%

Project Cost: \$25M

### **THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

- W2E – Placed the lower anchorage plate. Commenced installation of Mac alloy bars.
- W2W – Continued placing rebars and column support system.

### **MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

- W2E – Pour and cure footing.
- W2W – Install lower anchorage plate and place more rebars.

## **YBI SUBSTATION (04-0120G4)**

**Resident Engineer: Beau Wrightson**

Time Elapsed – 53%

Est. Date of Completion – June 17<sup>th</sup>, 2004

Complete – 41%

Project Cost: \$5.5M

### **THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

#### **RETROFIT WORK**

- 100% COMPLETE

#### **SUBSTATION**

- 28% COMPLETE
- Double Up Interior Wall Forms, Additional Concrete Pour
- Preparation of Rock Pocket Areas
- Formation of Rock Pocket Areas
- Outside wall form placement, Concrete Pour #3
- Concrete interior wall placement, additional concrete pour
- Curing of interior wall forms, additional concrete pour
- Walls are 65% complete, two more wall pours to complete

#### **UTILITY RELOCATION**

- 7% COMPLETE
- No work scheduled until after Concrete Pour #3

### **MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

#### **SUBSTATION**

- Place concrete interior wall and begin curing
- Finish setting outside wall forms and placing wall rebar
- Begin double up wall forms
  - To “double up” a wall form means to place the second side. The first side of the wall form goes up followed by placement of rebar. After the rebar placement the second side of the wall goes up, which is termed “doubling up.”

#### **UTILITY RELOCATIONS**

- No work scheduled until after Concrete Pour #3

**Closures:** WB 80 On-Ramp east of YBI tunnel

*Note: Tentative opening date 7/1/2004*



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**COAST GUARD RELOCATION (04-0120Q4)****Resident Engineer: Richard Duncan**Time Elapsed – 79%      Est. Date of Completion – February 6<sup>th</sup>, 2004

Complete – 65%

**THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

- Completed the falsework for canopy
- Excavated roadway at Station 12+15 to 13+45
- Trenched and placed 2” conduits for Comcast Cable
- Installed soil sheet drain along the retaining wall
- Completed temporary construction entrance
- Silt fence and drainage inlets complying with SWPPP

**MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

- Place rebars for stems, caps, and girders for canopy
- Restore existing support galvanized channel of the tie back system at CMU wall
- Install conduits at guardhouse
- Grade at the parking lot for paving
- Excavate/remove concrete at location A

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**COMPLETED PROJECTS**

GEOFILL (04-012054)

Project accepted – April 1<sup>st</sup>, 2003

RE: Richard Duncan

YBI MIDDEN SITE (04-012074)

Project accepted – January 9<sup>th</sup>, 2003

RE: Beau Wrightson