



**SFOBB – Seismic Replacement Project**  
**Status of Construction**  
**Week Ending January 16<sup>th</sup>, 2004**



**SKYWAY (04-012024)**

**Resident Engineer: Doug Coe**

Time Elapsed – 43%	Bid Opening date – December 19, 2001	<a href="http://www.newbaybridge.org">http://www.newbaybridge.org</a>
Complete – 36%	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	1	15	28	53.57%
Piles Driven	3	71	160	44.38%
<b>SUBSTRUCTURE</b>				
Pier Columns	0	3	16	18.75%
Pier Access Casing	0	3	16	18.75%
<b>PRECAST YARD</b>				
Panels Cast	8	191	876	21.80%
Segments Cast	3	85	452	18.81%

**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 – Form bottom deck and starter walls
- Pier 15E – Construction of pier table falsework
- Pier 14E – Complete access casing
- Pier 13E – Form access casing, pour concrete for access casing
- Pier 12E – Pour concrete pier – 2<sup>nd</sup> lift
- Pier 11E – Set pier forms – 2<sup>nd</sup> lift
- Pier 10E – Pour concrete top slab
- Pier 09E – Pour concrete inside piles, stud welding
- Pier 08E – Pile head connection welding
- Pier 07E – Cut slots for pile head connections
- Pier 06E – Seal annular spaces and dewater footing box
- Pier 05E – Initial pile cleanout
- Pier 04E & 03E – Drive and splice piles
- Pier 16W – Dewater footing box
- Pier 15W – Install footing box and locking fill

**PRECAST YARD (Stockton)**

- Six panels scheduled to be cast
- Three segments scheduled to be cast
- Continuing to assemble and load test the SLEDs
  - SLED = Self Launching Erection Device



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

**Resident Engineer: Pedro Sanchez**

Time Elapsed – 52%

Est. Date of Completion – May 26<sup>th</sup>, 2004

Structure Work Complete – 51%

Project Cost: \$25M

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

- W2E – Poured footing. Curing is in progress.
- W2W – Placed the fourth column. Placed top rebar. Commenced work on mass concrete cooling system.

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

- W2E – Continue curing.
- W2W – Erect concrete form. Install mass concrete cooling system. Commence footing pour.

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

**Resident Engineer: Beau Wrightson**

Time Elapsed – 58%

Est. Date of Completion – June 22<sup>nd</sup>, 2004

Complete – 41%

Project Cost: \$5.5M

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

#### **RETROFIT WORK**

- 100% COMPLETE

#### **SUBSTATION**

- 36% COMPLETE
- Finish double up wall forms, concrete pour #3
- Place concrete, concrete pour #3
- Begin cure, concrete pour #3
  - 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 RELOCATION**

- 7% COMPLETE
- Begin installing 150 mm compressed air pipe
- Begin installing 100 mm water pipe
- CCO 17, ductbanks and manholes WB 80 on-ramp, delivered to contractor for pricing

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

#### **SUBSTATION**

- Finish cure, concrete pour #3
- Remove form braces, concrete pour #3
- Strip wall forms, concrete pour #3
- Begin setting wall forms, concrete pour #4

#### **UTILITY RELOCATIONS**

- Finish installing 150 mm compressed air pipe
- Finish installing 100 mm water pipe
- Install 150 mm water pipe
- Install 32 mm water pipe

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



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



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**COAST GUARD ROAD RELOCATION (04-0120Q4) Resident Engineer: Richard Duncan**

Time Elapsed – 93% Est. Date of Completion – March 6<sup>th</sup>, 2004

Complete – 80%

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

- Repaired cast iron waterline at South footing
- Partially completed placing conduits along “M2” line
- Concrete canopy’s work delayed due to utility conflicts at South footing

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

- Relocated 12” PVC main waterline to avoid conflict with the South footing
- Continue backfill for the temporary road
- Reconstruct sanitary sewer manhole
- Restore existing support galvanized channel of the tie back system at CMU wall

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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