



**SFOBB – Seismic Replacement Project  
Status of Construction  
Week Ending March 5<sup>th</sup>, 2004**



**SKYWAY (04-012024)**

**Resident Engineer: Doug Coe**

Time Elapsed – 46%	Bid Opening date – December 19, 2001	<a href="http://www.newbaybridge.org">http://www.newbaybridge.org</a>
Complete – 42%	Construction Began – February 6, 2002	<a href="http://www.dot.ca.gov/dist4/sfobbulletin.htm">http://www.dot.ca.gov/dist4/sfobbulletin.htm</a>
Project Cost: \$1,043M	Est. Date of Completion – August 15, 2006	<a href="http://biomitigation.org/">http://biomitigation.org/</a>

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

	<b>This Week</b>	<b>Total to Date</b>	<b>Project Total</b>	<b>Percent Complete</b>
<b>FOUNDATIONS</b>				
Footing Boxes Set	0	16	28	57%
Piles Driven	0	86	160	54%
<b>SUBSTRUCTURE</b>				
Pier Columns	1	6	28	21%
Pier Access Casing	1	5	20	25%
<b>PRECAST YARD</b>				
Panels Cast	6	234	876	27%
Segments Cast	3	106	452	23%

**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 – Install stem reinforcing steel
- Pier 15E – Install bottom deck and stem reinforcing steel
- Pier 14E & 13E -- Install falsework
- Pier 12E – Concrete finish work on access casing wall
- Pier 11E – Form access casing wall
- Pier 10E – Place forms and pour 2<sup>nd</sup> concrete lift
- Pier 09E – Cure footing top slab
- Pier 08E – Place footing top slab rebar and studs
- Pier 07E – Pour concrete in lower portions of piles, fabricate pier column cage on barge
- Pier 06E – Complete pile head connection welding, remove falsework, install cooling pipes inside footing box, fabricate pier wall reinforcing steel
- Pier 05E – Continue pile head connection welding
- Pier 04E – Cut slots for pile head connections
- Pier 03E – Initial pile clean out
- Pier 16W – Continue initial pile clean out
- Pier 15W – Drive west side piles
- Pier 14W – Place footing box bedding and place box
- Pier 13W – Drive sheet piles and access platforms
- Pier 6W & 5W – Place rebar and studs, form and pour footing box walls

**PRECAST YARD (Stockton)**

- 8 panels are scheduled to be cast
- 4 segments are scheduled to be cast



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

**Resident Engineer: Pedro Sanchez**

Time Elapsed – 70%

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

Structure Work Completed – 57%

Project Cost: \$25M

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

- W2E: Placed rebar in the bottom slab. Commenced stressing of Macalloy high strength bars.
- W2W: Prepared area for accepting anchorage plate

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

- W2E: Completion of stressing. Grout pipes and ducts.
- W2W: Install the anchorage plate

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

**Resident Engineer: Beau Wrightson**

Time Elapsed – 59%

Est. Date of Completion – July 5<sup>th</sup>, 2004

Completed – 50%

Project Cost: \$5.5M

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

##### **RETROFIT WORK**

- 100% Completed

##### **SUBSTATION**

- Began waterproofing exterior wall
- Began installing foundation drainage
- Finished framing metal stud walls
- Installed drywall
- Framed/lathed plaster soffit
- Continued to rough in plumbing and electrical
- Began installing high roof membrane
- Continued installing cable trays

##### **UTILITY RELOCATION**

- Cast utility vaults

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

##### **SUBSTATION**

- Finish installing foundation drainage
- Begin installing geocomposite drain
- Begin building backfill
- Paint interior low roof area
- Finish roughing in electrical
- Continue installing high roof membrane
- Finish installing cable trays
- Begin installing electrical conduits

##### **UTILITY RELOCATIONS**

- Temporary tie-in tunnel sprinkler
- Bird monitors



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

Time Elapsed – 100%

Est. Date of Completion – March 31<sup>st</sup>, 2004

Complete – 89%

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

- Installed conduits from lift station to canopy
- Form and pour concrete canopy's columns
- Structure backfill at canopy footings
- Excavate and place storm system
- Cure and strip columns

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

- Roadway excavation at Station 13+40
- Pave parking lot and tennis court
- Set falsework

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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

PILE INSTALL DEMO (04-012084)

Project accepted – December 15<sup>th</sup>, 2001

RE: Mark Woods