



**SFOBB – Seismic Replacement Project**  
**Status of Construction**  
**Week Ending January 2<sup>nd</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	13	28	46.43%
Piles Driven	0	68	160	42.50%
<b>PRECAST YARD</b>				
Panels Poured	3	175	876	19.98%
Segments Poured	2	78	452	17.26%

**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 16 – Construction of pier table falsework
- Pier 15E – Remove coffer dam
- Pier 14E – Install access casing forms
- Pier 13E – Form access casing
- Pier 12E – Set pier forms
- Pier 11E – Place footing rebar and form top slab
- Pier 10E – Install pile studs
- Pier 09E – Prepare to pour concrete inside box
- Pier 08E – Pile head connection welding
- Pier 07E & 06E – Cutting slots for pile head connection welding
- Pier 05E – Clean out piles
- Pier 04E – Drive and splice piles
- Pier 03E – Place footing box on falsework and prepare to drive piles
- Pier 16W – Complete structure excavation within the coffer dam and place bedding material
- Pier 15W – Install coffer dam

**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 – 71%

Est. Date of Completion – June 11<sup>th</sup>, 2004

Structure Work Complete – 49%

Project Cost: \$25M

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

- Column demonstration pour is on-going and expected to be completed by 1500 hours today
- W2E – Tied column cages and worked on mass concrete cooling system
- W2W – Worked on mass concrete cooling system and column cage stiffeners

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

- W2E – Footing pour scheduled for January 9<sup>th</sup>
- W2W – Clean out footing. Work on saltwater intrusion barrier wall.

**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**

- 34% COMPLETE
- Continue placing wall rebar, concrete pour #3

**UTILITY RELOCATION**

- 7% COMPLETE
- No work scheduled until after concrete pour #3

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

**SUBSTATION**

- Continue placing wall rebar, concrete pour #3
- Begin double up wall forms, 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.”
- Place concrete, concrete pour #3
- Begin cure, concrete pour #3

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

Complete – 75%

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

- Dismantle rebars for the canopy structure
- Partially remove the falsework for canopy roof

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

- Install vaults EPB 12-14
- Restore existing support galvanized channel of the tie back system at CMU wall
- Remove concrete footings and columns for canopy due to design conflicts with S-S Detour contract
- Continue backfill for the temporary road
- Excavate and place conduits along M2 line

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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