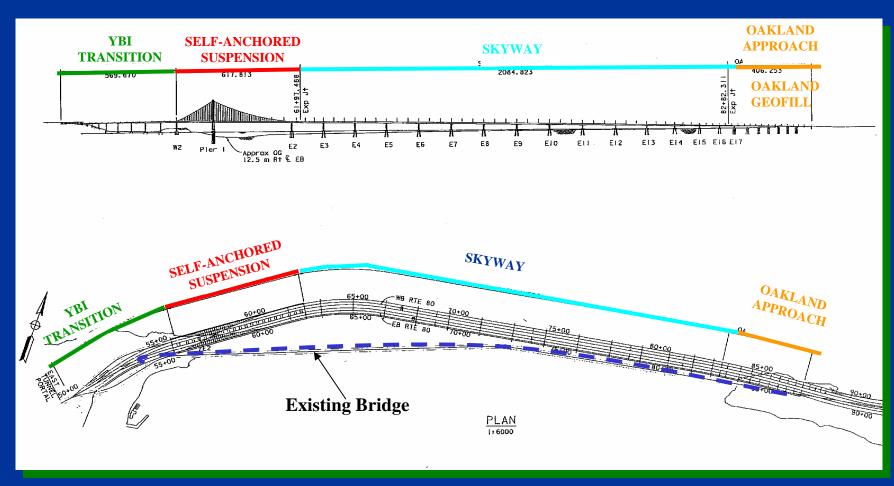




SFOBB East Span Segments







Pier 7







Transportation-Bridge Cross Section



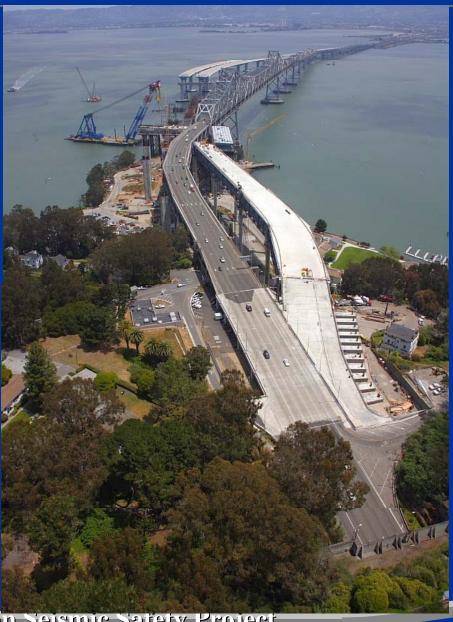


Transportation-Bridge Cross Section





View Looking East from YBI





SFOBB East Span Seismic Safety Project



Transportation-Bridge Cross Section





Title

- Companies
- Contractors
- TBSSPRP
- TBPOC





Title

- Shop drawing tools (maybe something more)
- Pp slides





SAS





Heavy lift equipment is here and working





SAS temp works are going up





SAS Segments are coming together







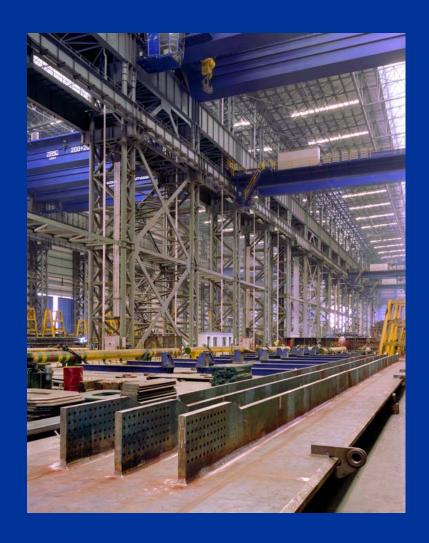


























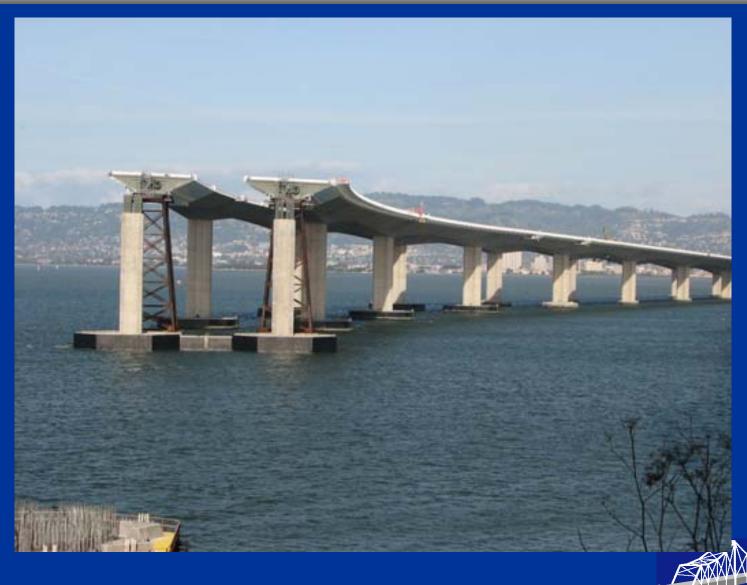


SAS-Skyway





Skyway and SAS Pier E2





Supports under west end of Skyway





Shims and jacks under West end of Skyway







Estimate of % Complete "Earned Value"

SFOBB- SAS Project May 2009 Earn Value Report for Internal Discussions Only Progress Pay Estimate Summary Gen Admin (Mob, OH, Sched, Doc.Mngmt) 436 313,970 Value Wt. (Baseline 6 Earne Vorking Drawing Campus / Accelerat 32 24.716 Submittals 1.4% 10% 10.6% ABF Mob / ZPMC Fab Fax 5% 2% Furnish / Install Temporary Tower 224 5% 5% umish T1 Tower 131 Shear Log Barge Crane Temporary Tower / TT Remova 10% umish Box Girder 263 16% 11% Other Furnished Item 101 T1 Tower 10% 5.6% nstall T1 Tower 13 Box Girder Deck 19% 10.7% 29 Other Furnish Items 3% 6% 4% 3% onstr Mech / Electrical 24 Other Construction (W2,E2, Mir 20% 3% Other Constritems incl Marine Ac 173 Cable Fab / Installation 6% 0% 0% emporary Tower Remova 39 22,808 1,473 625 577 Recovery Plan is under Development erials on Hand & Contract Deductions **Progress Pay Estimate** 60% 40% 30% 10% 80% 70% 50% 20% 10%

"As of 9/12/08, ZPMC started OBG Repair Procedure ***As of 12/1 & 12/5/08: 2 Tower lits on Rolling Jigs ****As of 12/12/08 # of Deck Panels Wilded: 519 out of 800, -200 Green Tagged

""Start Welding T1 Tower Diaphragms: 6 Mar-08, Completed Lift 1 ""Start Welding T1 Tower Skin Plates to Stiffeners: 29-Jul-08, cracks disc

OBG / T1 Tower
Tabrication of the OBG Bottom & Side Plates Started Started T1 Tower -Cutting Skin Plates: 2/19/08

ZPMC - Deck Panel Production Started on 2/14/08

"As of 12/2008-OBG Segments for Lifts 3,4,5 WB Out of Jigs for Segment Assembly

77m Tower Mock up. Welding Started on 8/21/07, Compl: Apr/08, pending acceptance of 89M

89m Tower Mock up. Started on 9/7/07, Compl Apr/08, Logfit Mtgtn Accepted 11/12/08

114m Tower Mock up- Started on 8/31/07, Compl Apr/08, re-assembly Compl 11/28/08

______ Soon Drawings - Indexway Sub-Assembles Tabrication Segment Assembly Black Paint & Fit Up Beady To Solo

SFOBB East Span Seismic Safe



OTD



Oakland Touchdown Phase 1 – OTD1 04-0120L4 – Project Status

Project Status

as of

11 Aug 09



WB and EB Structures,
Looking West



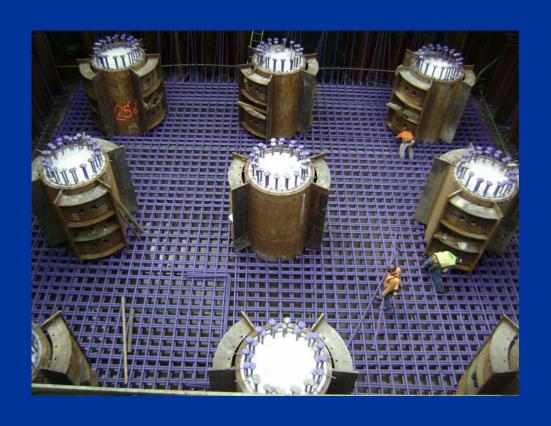


- •Pile Driving is Ongoing
- •Piles #4 → #9 are complete
- •Piles #1 → #3 bottoms are complete

Photo Taken on: 16Sep08

Pier E20R





•Footing Rebar is Pending

Photo Taken on: 16Sep08

Pier E18R





Column Pipe Key at E18L

Photo Taken on: 16Sep08

E18L





•WB Frame 1
Falsework and Soffit
Forms (Facing East)

Photo Taken on: 16Sep08

WB Frame 1
SFOBB East Span Seismic Safety Project





 Looking east at Eastbound Structure

Eastbound OTD

Photo Taken on: 11 Aug 09





Hinge EE, Diaphragm C

 Installing Circular
 Segmented Bearings at Hinge EE

Photo Taken on: 11 Aug 09





Piers 20R, 21R, and 22R

• Piers 20R, 21R, and 22R

Photo Taken on: 11 Aug 09





Environmental Studies Results

- Waters of the U.S.
- Species of Special Concern
- Air Quality
- Noise
- Water Quality



Nimitz House on Yerba Buena Island

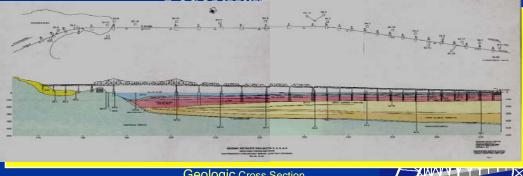
- Visual
- Energy
- Geology
- Traffic and Circulation
- Hazardous Materials



Double Crested Cormorant

- Archaeology
- Historic Resources
- Land Use
- **Community Impacts**

Pedestrian/non-motorized



Geologic Cross Section

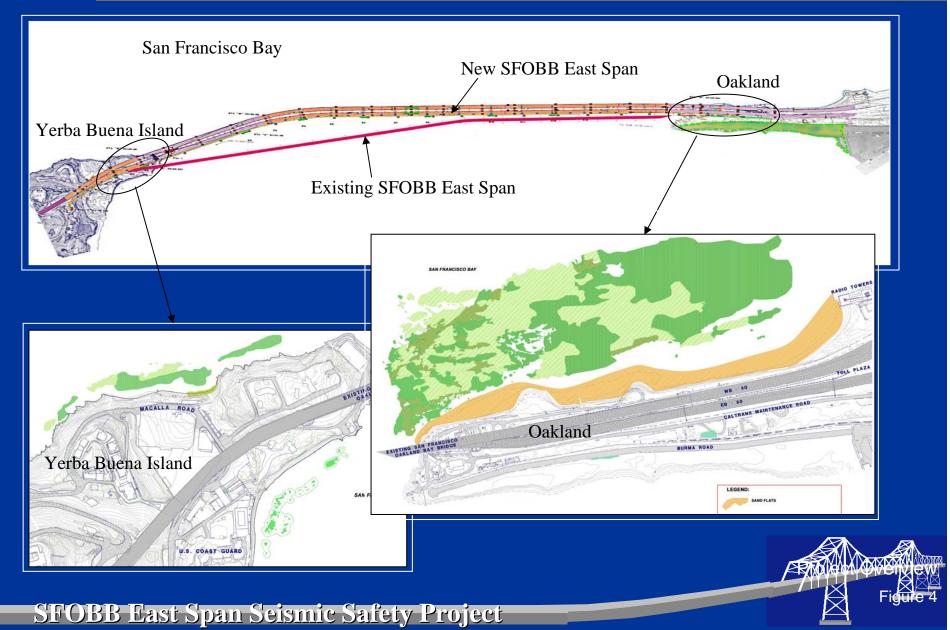


Storm Water Treatment BMPs





Special Aquatic Sites





YBI-SSD & Trans





The Deed is Done!









YBI TRUSSES





Cut Shoes for Visual Indicators







Shim-Ready back at YB3







Larger cuts to allow for additional change in length of bottom truss chord





First Very Large Seismic Deck Joints in Place





Field Crew did a great job







Planning at shop helped





Fit-up in shop





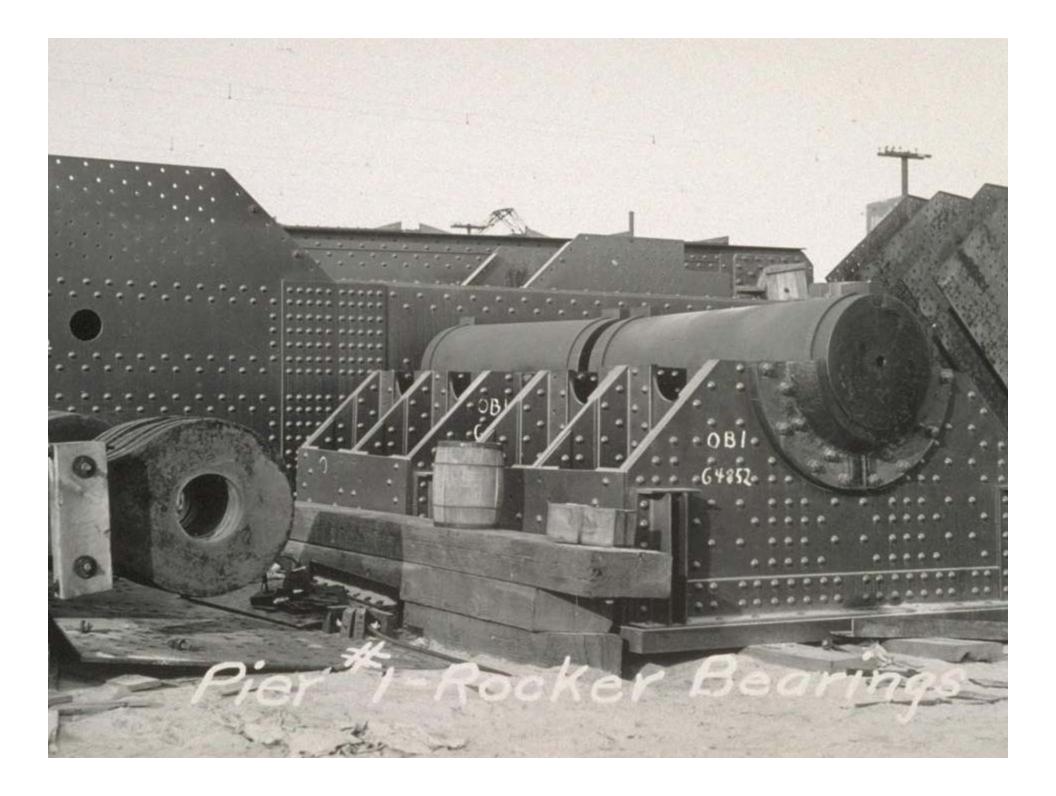
After fit-up in shop, take it to the field





Strengthen at pick-up points







Start early digging issues out



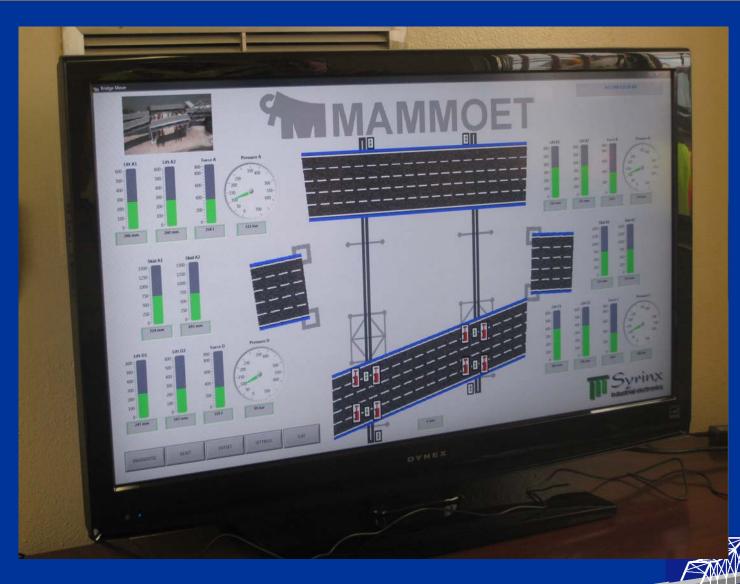


John Nelson of Mammoet





Diagnostics





Eye-bar work





Cantilever is long and was protected



YBI Transition – Bid open Dec 15, 2009

