



Construction Update

September 8, 2011

Transbay Transit Center

TJPA





Transbay Transit Center

Demolition Update

- The demolition is complete. The contractor is finalizing their fence installation work and completing a short punchlist. The demolition equipment has been demobilized. All areas are available to the Webcor/Obayashi Team. The following are some demolition highlights:
 - Nearly 55,000 craft hours completed without accident or injury.
 - 92,000 cubic yards of concrete recycled, enough to fill 28 Olympic swimming pools.
 - 15,000,000 pounds of steel recycled.
 - Over 2 miles of elevated bus ramps demolished.



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Construction Update – Utility Relocation Work

- Utility Relocation Packages

- **TG04.3 – Water Relocation on Howard and Beale Streets.** Water installation is complete. Demolition and capping of abandoned utilities is complete. The pavement restoration will be completed by the end of September.
- **TG04.6 – Sewer and Sludge Relocation on Beale Street.** Sewer and sludge work on Beale Street is 90% complete. The sludge line has been completed. Demolition and capping of the abandoned utilities will be completed by the end of September with the exception of Mission Street which will be completed later in the fall. Final pavement restoration on Beale will be completed by the end of September.
- **TG04.5.1 – Water and Sewer Relocation and Joint Trench on Minna Street.** Final pavement restoration at Minna Street was completed on June 18th. Demolition and capping of abandoned utilities on the north end of Fremont Street is complete. Investigative trenching across First Street, at Minna, remains un-restored and will be completed by the end of September.
- **TG04.1 – Water and Sewer Relocation Natoma and Fremont Streets.** Water installation, including pavement restoration, has been completed. The sewer work is 95% complete on Fremont Street, completion is anticipated the end of September.
- **TG04.4 – Water and Sewer Relocation on Natoma and First Streets.** Natoma and Second Streets Jack and Bore process is complete. The sewer work on Natoma Street is 95% complete, and will be completed by the end of September. Demolition and capping of abandoned utilities including final pavement restoration is to be completed by the end of September as well.
- **TG04.2 – AWSS on Mission Street.** The contract has been issued to M Squared and the submittal and procurement processes are underway.



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Construction Update

- 301 Mission Street Temporary Wall
 - Complete.
 - Closeout in progress. TJPA is reviewing a final change request.
- Transit Center
 - Buttress, Shoring and Excavation (BSE)
 - BSE Construction
 - BBII continues pre-trenching in Zone 3 at Natoma Street and in Zones 1 and 2 along the north side at Minna Street. Pre-trenching along Natoma Street on the south side of Zones 1 and 2 has also just begun.
 - The CDSM Shoring wall test sections were completed in both the east and west ends of the project. The test panels have been cored and the core samples tested to confirm adequate strength was achieved. Both test wall sections have been approved.
 - BBII has completed the CDSM shoring wall along the north and south sides of Zone 4 and will be completing the east end of Zone 4 this month.
 - BBII continues to use the central section of the former terminal building for the fabrication of shoring steel for use in the shoring wall.
 - The buttress shaft drilling operation has mobilized into Zone 4 and drilling operations are scheduled to begin this week.



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East Section Progress (Zone 4)



End of June 2011



End of August 2011



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Central and West Sections Progress



End of June 2011



End of August 2011



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Demolition Complete and Final Archeologist Pit Underway



Early July 2011

End of August 2011





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Final Building Demolition



60 Tehama



564 Howard

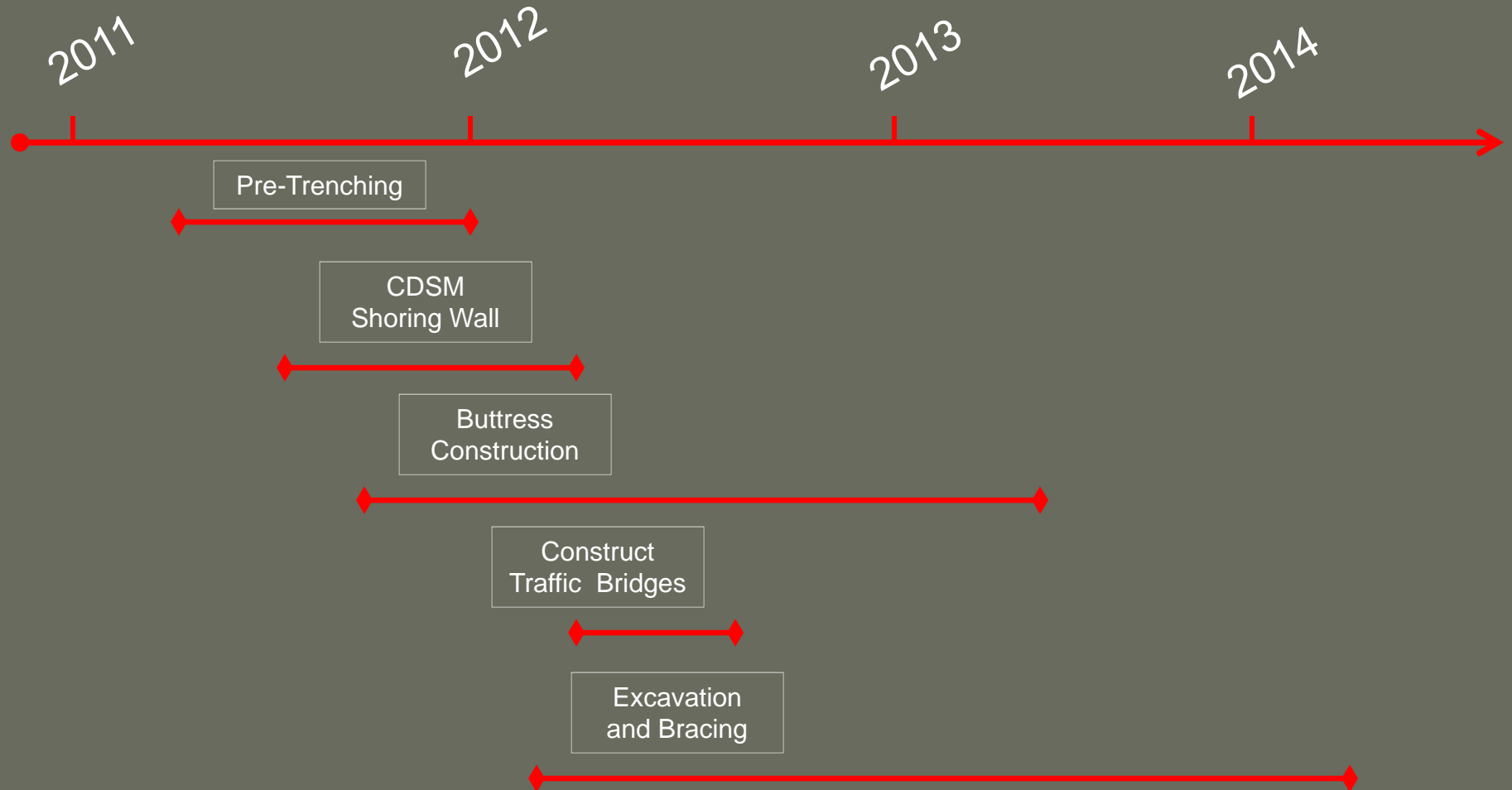


568 Howard



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BSE Timeline Summary





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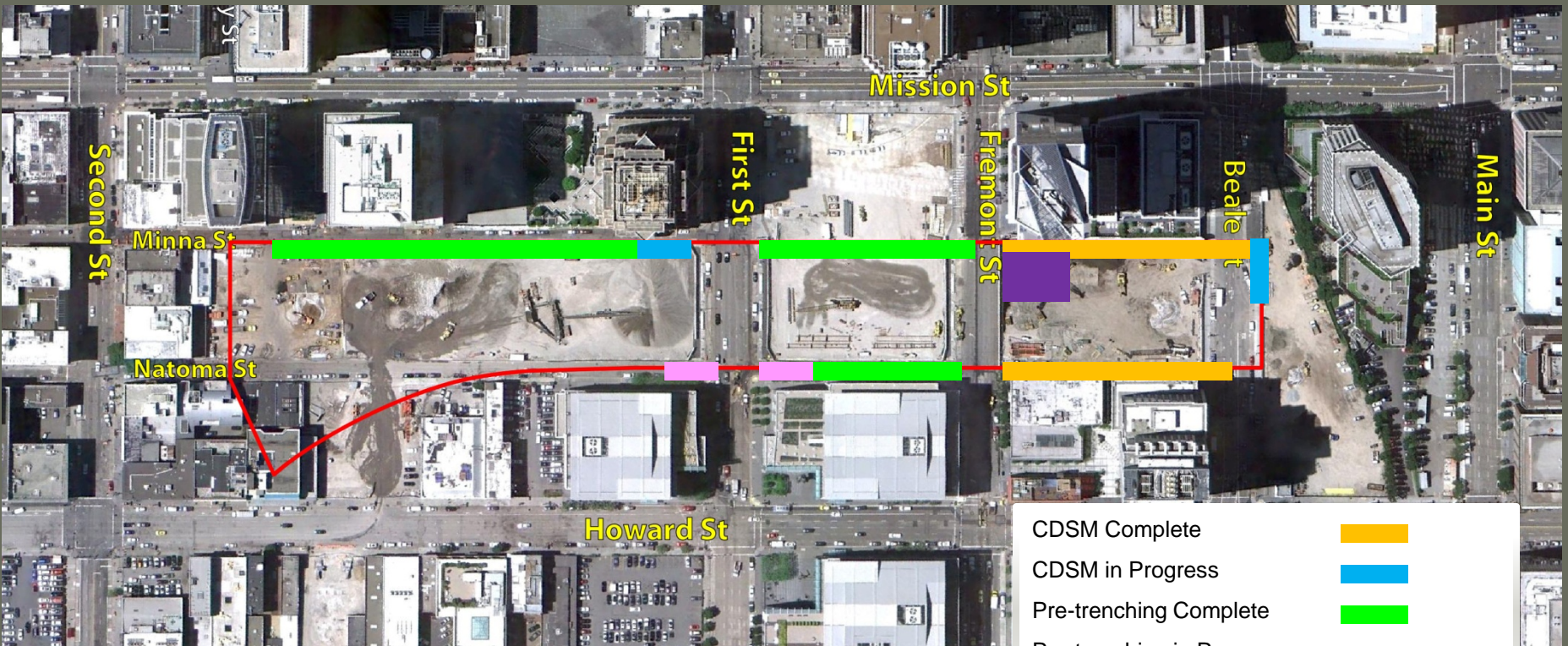
August 31, 2011 BSE Status

2011

2012

2013

2014



CDSM Complete	Orange
CDSM in Progress	Blue
Pre-trenching Complete	Green
Pre-trenching in Progress	Pink
Buttress Work in Progress	Purple



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Pre-Trenching





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CDSM Operation in Zone 4





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Buttress Equipment Mobilized





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Quality Control



Instrumentation

CDSM Shoring Wall Cores





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Utility Relocation





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Utility Relocation





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Bay Area Labor - Demolition

- To date, Evans Brothers, Inc. and their subcontractors have worked a total of:

54,930 Craft Hours

- To date, Bay Area Labor has contributed 48,115 hours, or 88% of the total Craft Hours completed on all Phases of the demolition.



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Bay Area Labor – Trade Packages

- To date, Webcor / Obayashi's Trade Subcontractors have worked a total of:

63,302 Craft Hours

- To date, Bay Area Labor has contributed 44,859 hours, or 71% of the total Craft Hours.



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Questions?