



Construction Update

February 14, 2013

Transbay Transit Center

TJPA





Transbay Transit Center

Period Summary

- There were no recordable or lost time incidents this period.
- There have been over 650,000 craft hours completed, excluding demolition, through 1/31/13. Over 64,000 completed this period.
- The BSE contractor completed the first Zone 1 mud slab concrete placement of approximately 7,000 square feet.
- Overall excavation is 55% complete.
- Bracing installation is complete in Zone 1, it continues in Zones 2 and 3. In Zone 2 struts are complete at bracing levels A and B, 60% complete at level C and 20% complete at level D. In Zone 3 struts are completed at bracing level A and 85% complete at level B.



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Period Summary

- Construction on RUP 4.2, the AWSS Work, continued this period on Mission Street and will continue into mid 2013. Work will continue from west to east on Mission Street between Second and Beale Streets.
- Production micropiles continue in Zone 1. To date 211 have been completed. 100% of the production micropiles are tested for “pull-out strength.” To date 66 have been tested, all have passed.
- The BSE Contractor has completed 182 buttress shafts through 2/13/13, a total of 10 since our last update. This completes the Buttress Shaft installation work.
- Preparations for the Beale Street bridge began this period, bridge installation is anticipated over the April 6 & 7 weekend.



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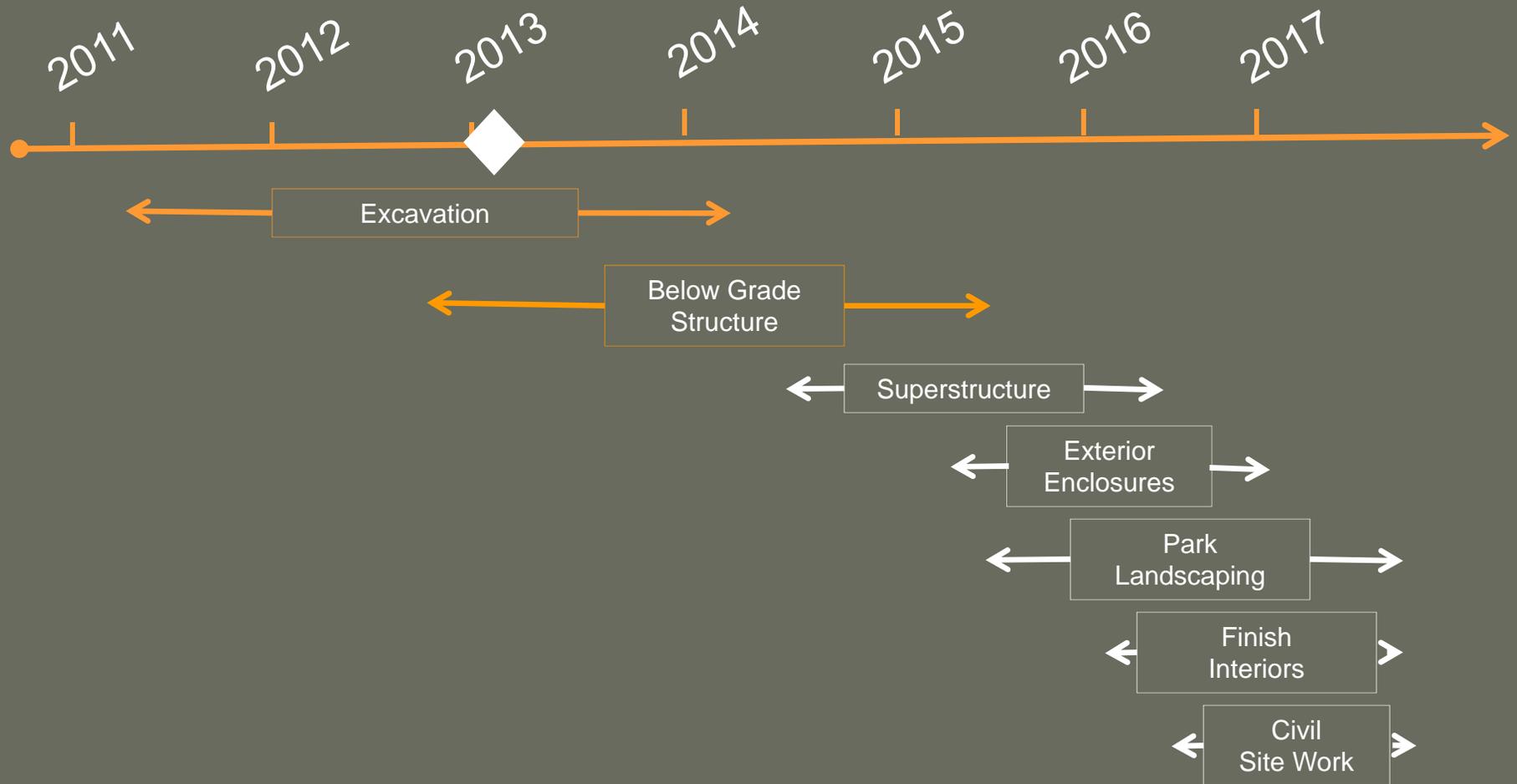
The Next 90 Days

- Complete Excavation in Zone 1 by end of February.
- Start excavation in Zone 4 in mid February with the demolition of the drilling platform.
- Complete production micropiles in Zone 1 and begin production piles in Zone 2.
- Complete all concrete mud slab pours in Zone 1.
- Complete Beale Street traffic bridge preparation and installation by early April.
- Grounding trade contractor work will continue in Zone 1. Geothermal trade contractor will start Zone 1 work in March.
- De-mobilize Buttress operation from Zone 4.
- Excavation in Zone 2 will be completed.



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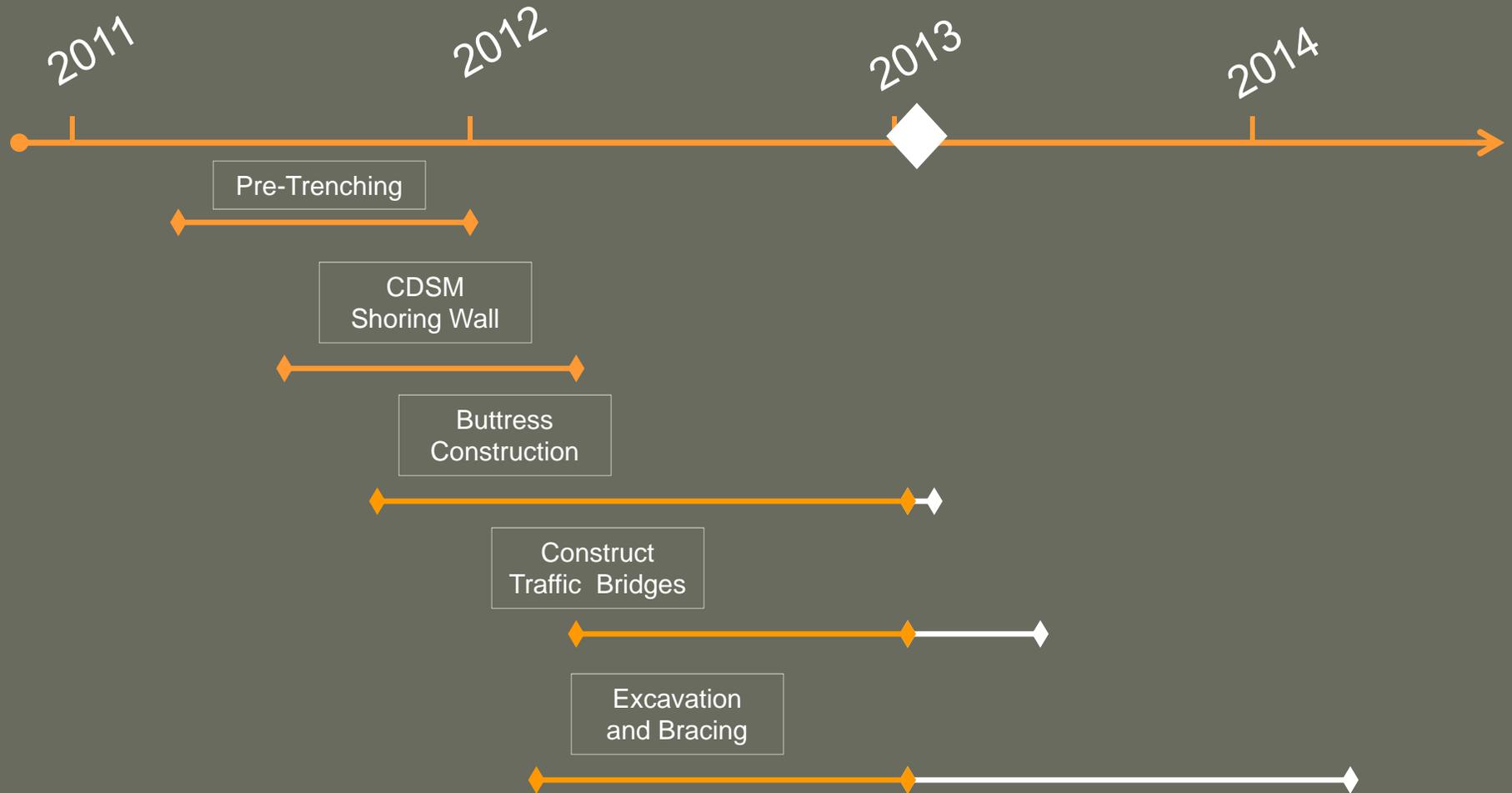
Construction Timeline Summary





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BSE Timeline Summary





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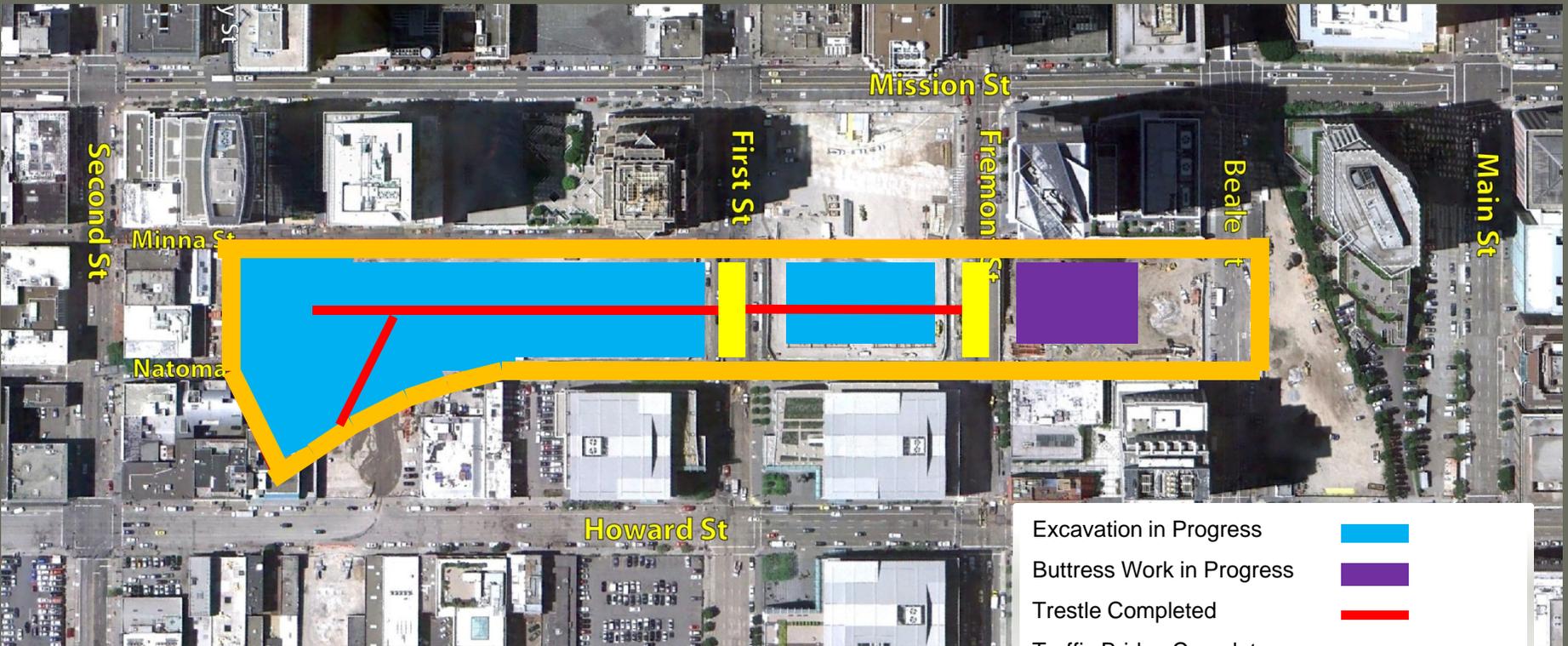
Current Site Status

2011

2012

2013

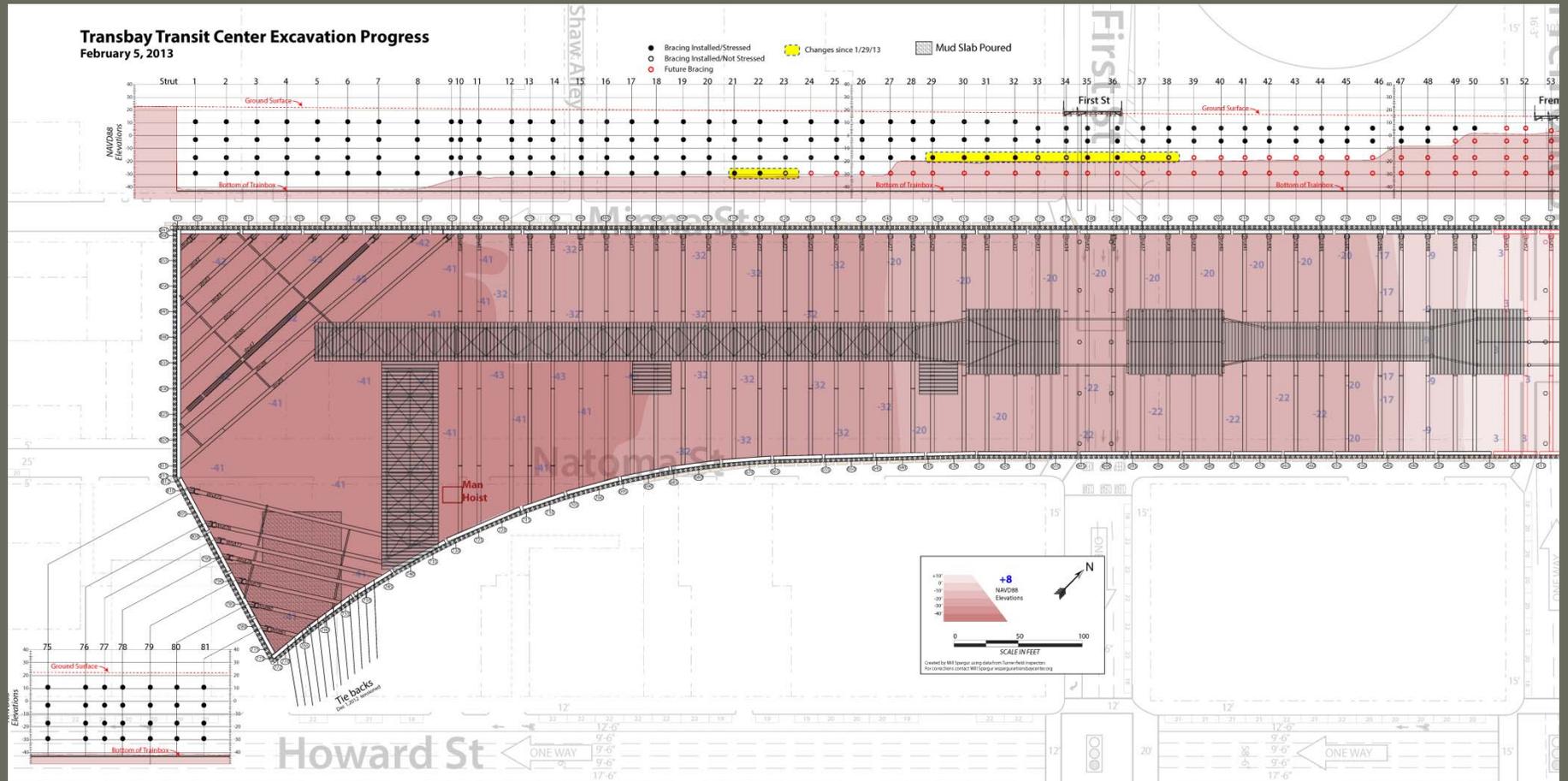
2014





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Excavation and Bracing Status February 4, 2013





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Central and West Sections Progress



Early January 2013



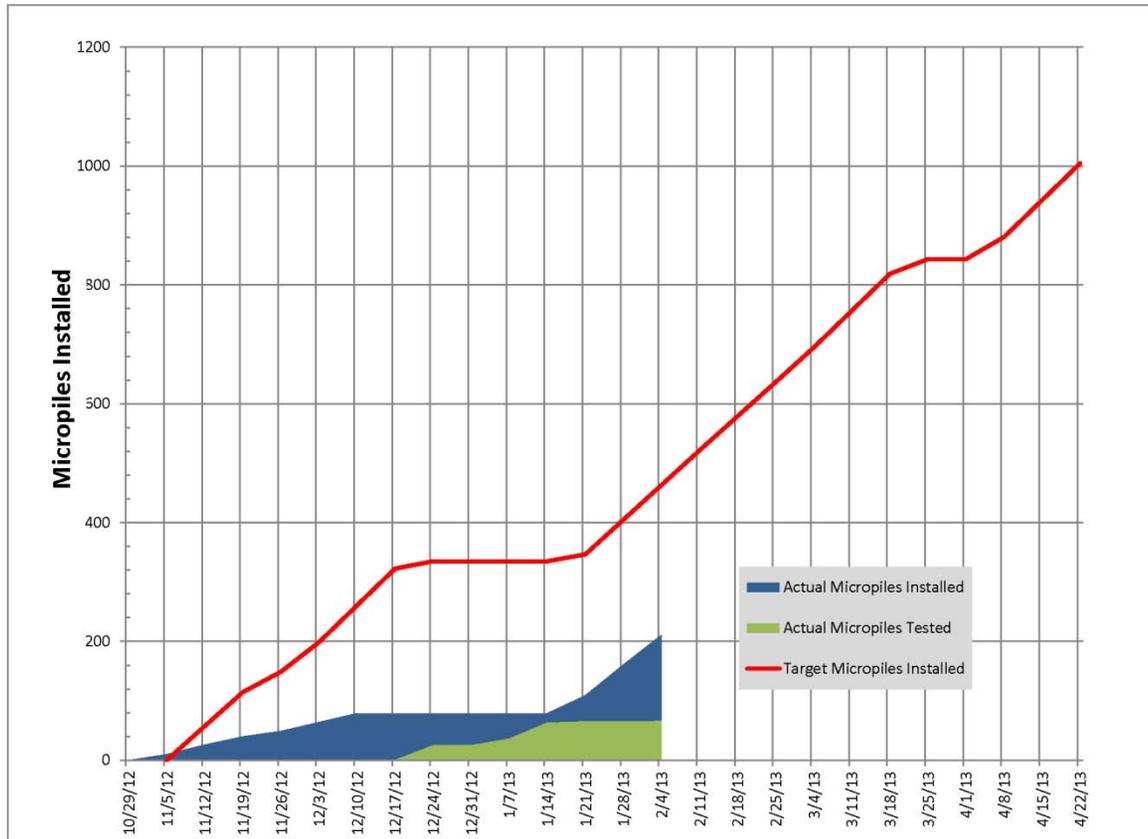
Early February 2013



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Micropile Status February 4, 2013

Zones 1 and 2 Micropile Installation

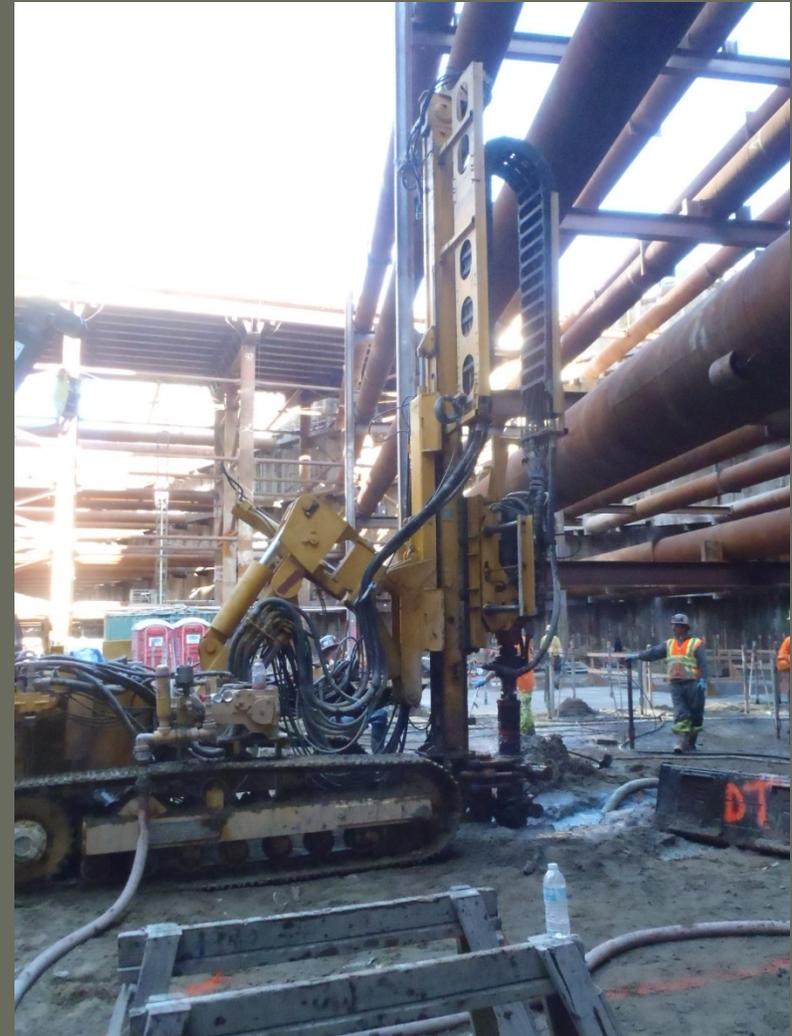


Date: 2/4/2013



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Micropiles – Zone 1





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Mud Slab – Zone 1





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Mud Slab – Zone 1





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Excavation and Bracing – Zone 2





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Excavation and Bracing – Zone 3





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East Section Progress



Early January 2013

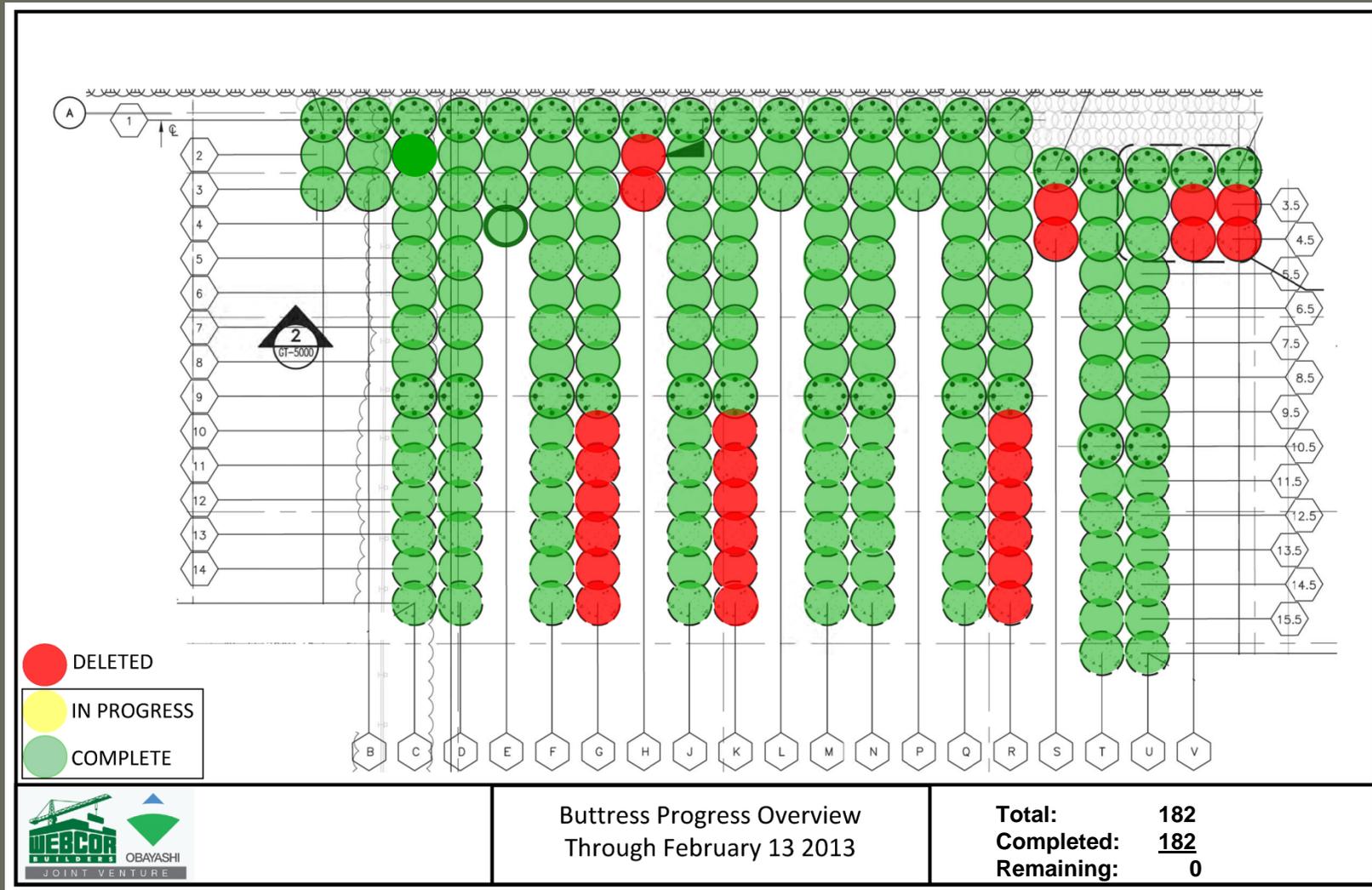


Early February 2013



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Buttress Progress



Buttress Progress Overview
Through February 13 2013

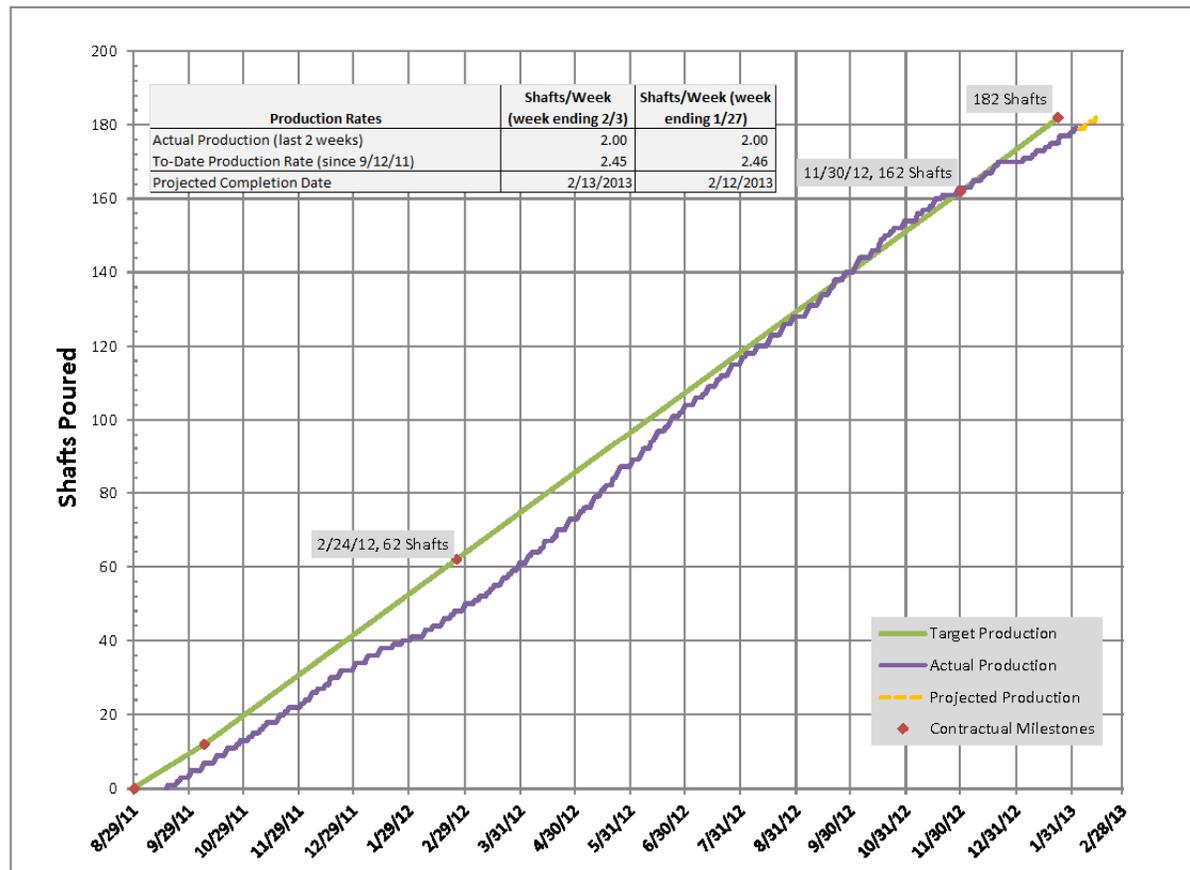
Total: 182
Completed: 182
Remaining: 0



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Buttress Progress

Buttress Shaft Production (through 182 total shafts)



Date: 2/4/2013



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Buttress Progress





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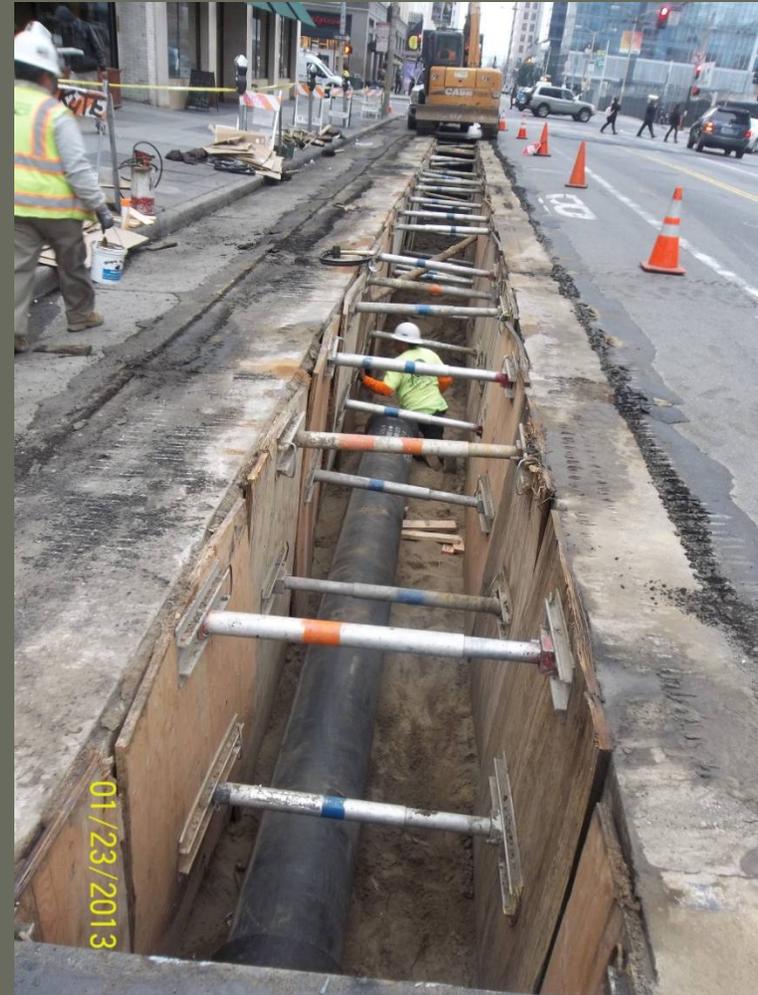
Final Buttress Shaft





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Utility Relocation - AWSS Installation Update





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Bay Area Labor – Trade Packages

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

659,788 Craft Hours

- To date, Bay Area Labor has contributed 416,514 hours, or 63% of the total Craft Hours.



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Bay Area Regional Labor Breakdown

Labor by Area	Through January 2013	
Location	Total Hours Completed	Hours Percent
East Bay (Alameda, Contra Costa, Solano)	200,786	30%
North Bay (Marin, Napa, Sonoma)	17,409	3%
South Bay (San Mateo, Santa Clara)	68,413	10%
San Francisco	129,907	20%
Other*	243,273	37%
Totals	659,788**	100%

*Other includes workers from throughout California including the Central Valley as well as workers from out of state who are onsite for specific tasks.

**Total hours are for the Transit Center construction work and do not include the initial Demolition work represented by a total of approximately 55,000 craft hours.



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Labor Breakdown by Trade through January 2013

Classification	TTC Building and RUP's*
Inspectors – Soils / Material Test	38
Carpenters and Related Trades	31
Cement Mason	13
Electrical – Utility Lineman	22
Electrician	23
Field Surveyor	16
Iron Worker	55
Laborer and Related Trades	423
Operating Engineer	261
Pile Drivers	112
Roofer	4
Sheet Metal	5
Teamsters	146
Tile Setters / Finishers	7
Totals	1,156

* Relocation of Utilities Project



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Questions?