



Construction Update

April 11, 2013

Transbay Transit Center

TJPA





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Period Summary

- There were no recordable or lost time incidents or injuries this period. Last reported injury was September 2012.
- There have been over 720,000 craft hours completed, excluding demolition, through March 31, 2013. Over 35,000 hours completed this period.
- Demolition of the buttress work platform is underway in order to facilitate the installation of the Zone 4 access trestle piles.
- Overall the excavation work is 65% complete.
- Bracing installation is complete in Zones 1 and 2, work continues in Zone 3. In Zone 3 struts are complete at bracing level A, 85% complete at level B, 70% complete at level C and 5% complete at level D.



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Period Summary

- Construction on RUP 4.2, the AWSS Work, continued this period on Mission Street and will continue into September 2013. Work will continue from west to east between Second and Beale Streets.
- Preparations for the Beale Street bridge continued this period. All piles supports and abutments are complete. All permits have been received for the 4/5 to 4/8 weekend installation.
- The BSE Contractor has completed the demobilization of the buttress shaft and water treatment equipment.
- Production micropile installation continues in Zone 1 (85% complete) and Zone 2. To date 604 have been installed and grouted. Production micropiles are tested for “pull-out strength.” To date 286 have been tested, all have passed.



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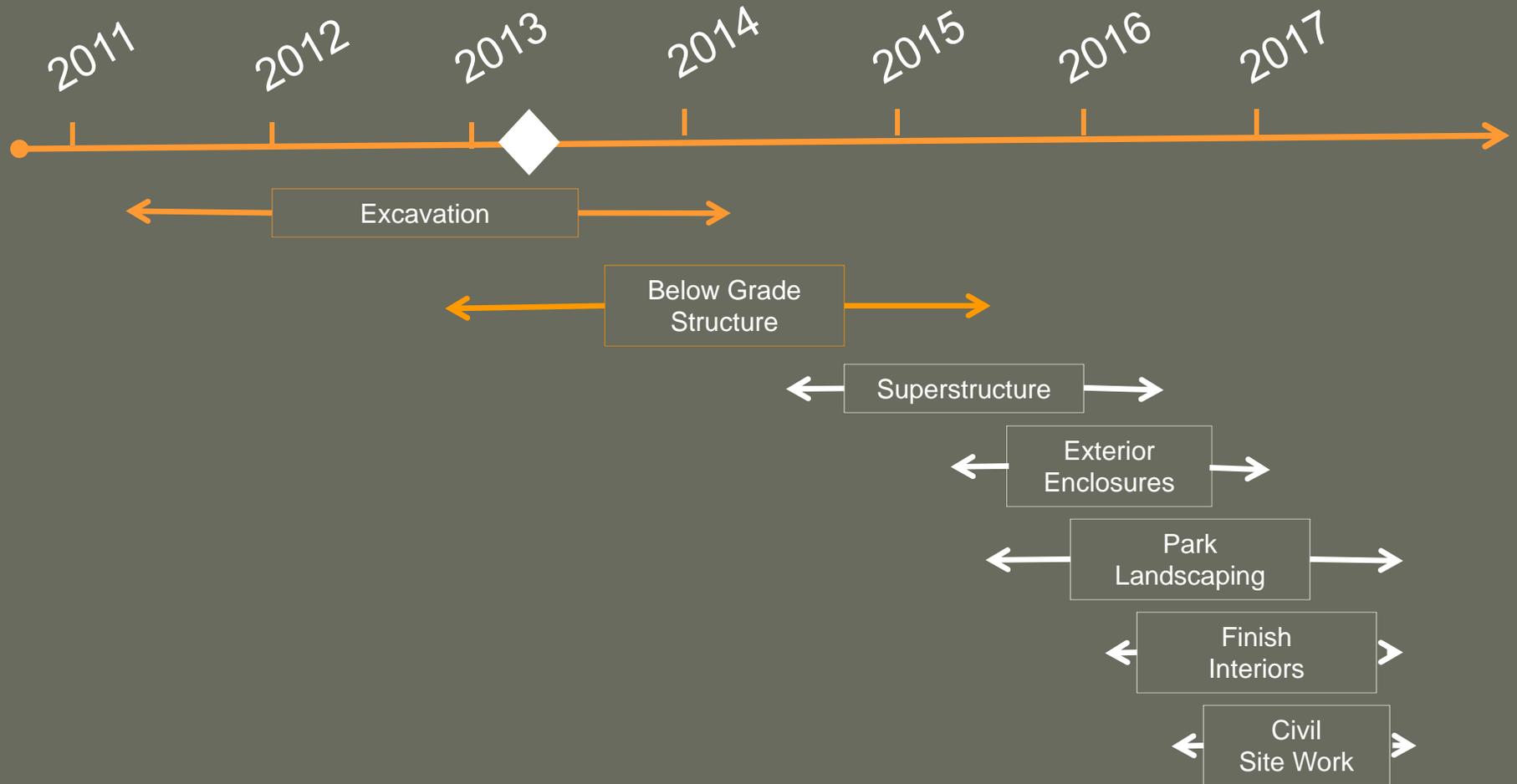
The Next 90 Days

- Complete Excavation in Zone 2 by April 15th.
- Complete demolition of buttress drill platform and begin excavation in Zone 4.
- Complete production micropiles in Zones 1 and 2.
- Complete all concrete mud slab pours in Zone 1.
- Complete Beale Street traffic bridge preparation and install the temporary bridge over April 5 to 8 weekend.
- Grounding trade contractor work will continue in Zone 1. Geothermal trade contractor will continue Zone 1 work.
- Start Zone 1 waterproofing and reinforcing steel installation in preparation for the structural slab placement.



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Construction Timeline Summary





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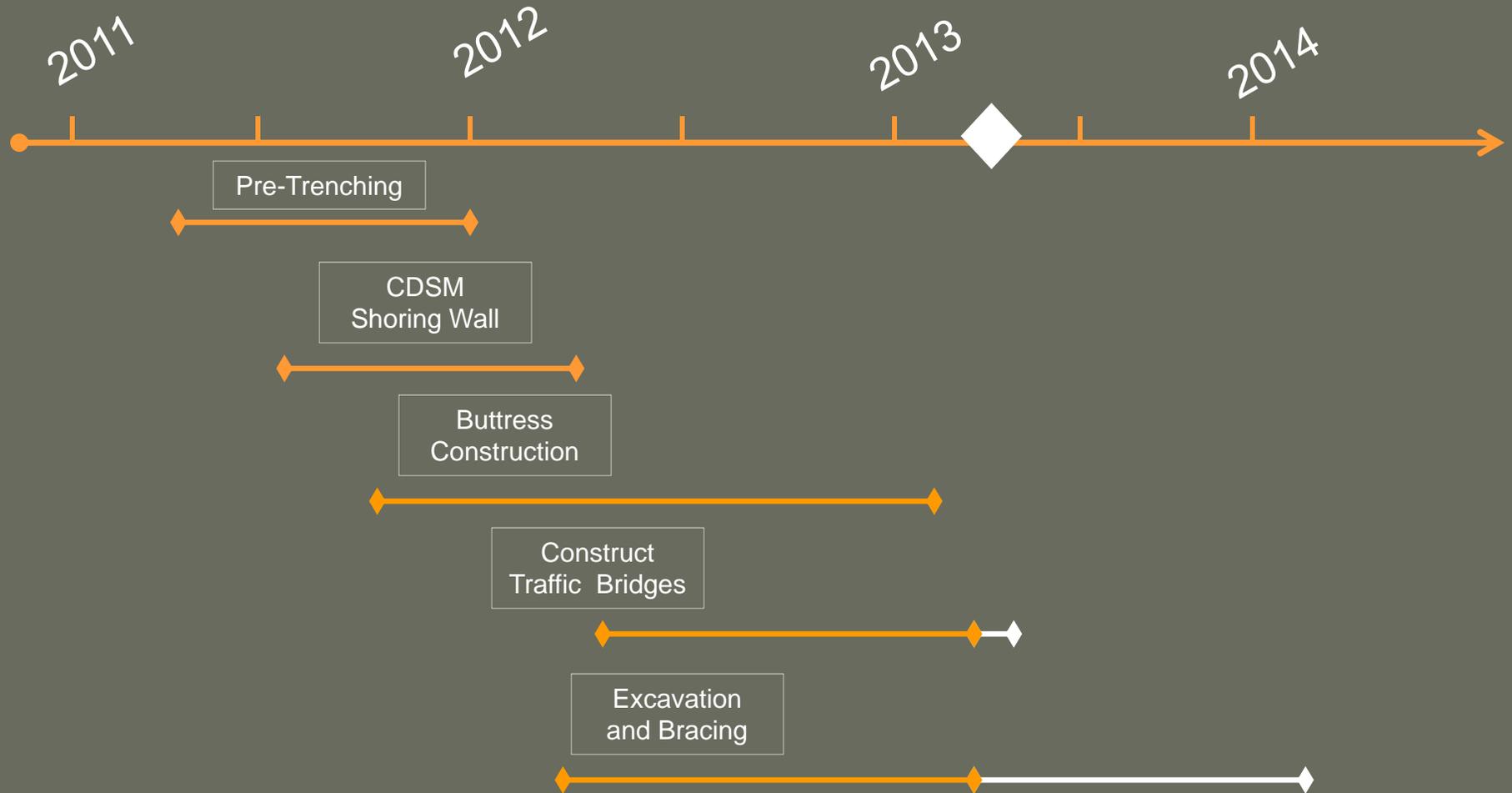
Construction Milestones

Key Schedule Dates	2011 Baseline Schedule	Feb 2013 Schedule Update	Current Float
Install Final Traffic Bridge	Mar-13	Apr-13	24
Complete Utility Relocations	Jul-13	Sep-13	999
Complete First Mat Pour	Jul-13	Jun-13	52
Complete Zone 2 Mat Pour	Aug-13	Oct-13	42
Complete Excavation	Jan-14	Feb-14	4
Complete Zone 1 Concourse Level Deck	Mar-14	May-14	52
Begin Steel Erection	Jun-14	Jun-14	0
Complete Steel Superstructure	Nov-15	Sep-15	0
Connect Bus Ramps to Transit Center	May-16	May-16	128
Complete Rough Interiors	Aug-16	Jun-16	35
Complete Exterior Curtain Wall	Feb-17	Feb-17	0
Complete Finish Interiors	Jul-17	Jul-17	7
Begin Bus Operations	Oct-17	Oct-17	0
Final Completion	Mar-18	Apr-18	0



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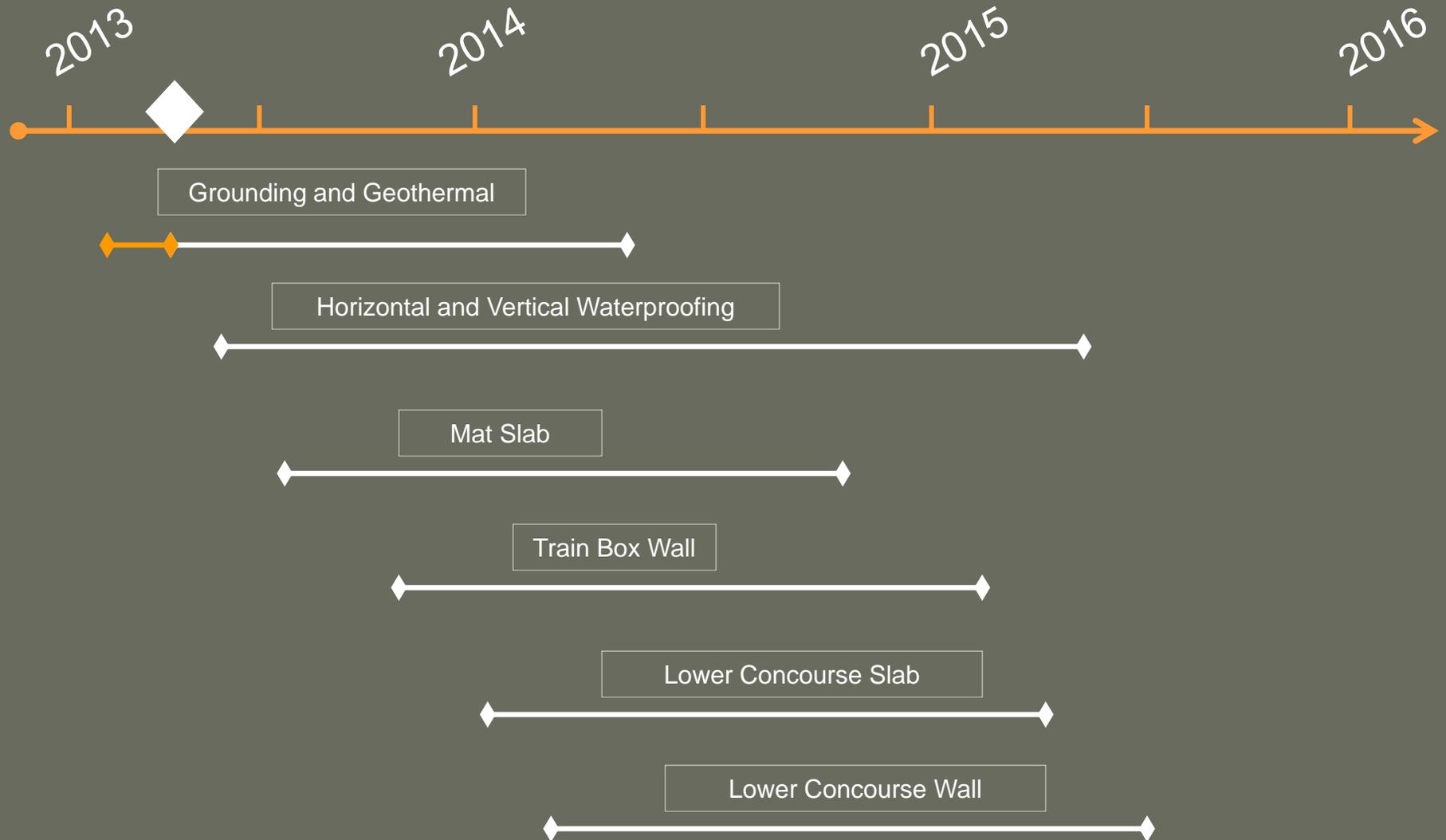
BSE Timeline Summary





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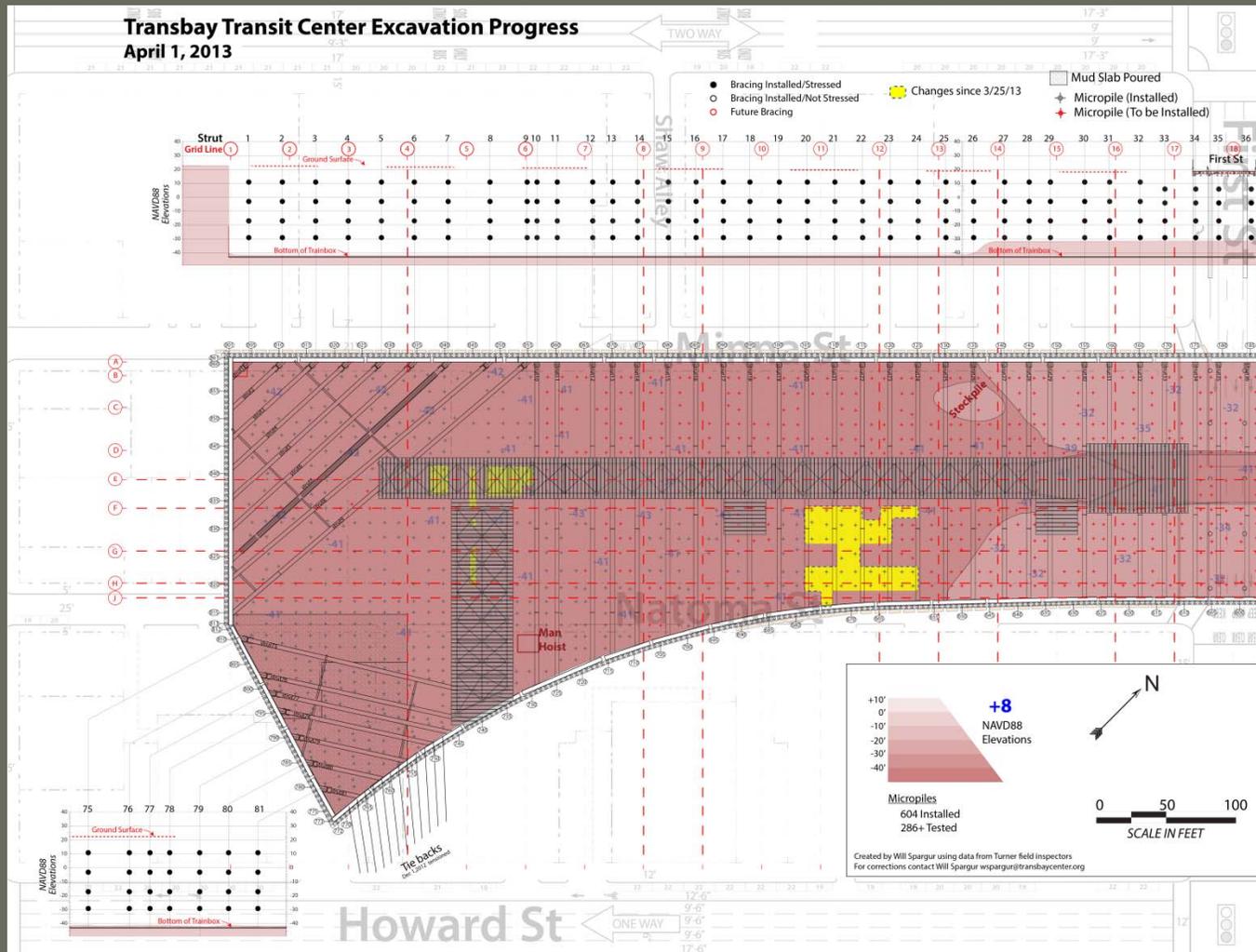
Below Grade Concrete Timeline Summary





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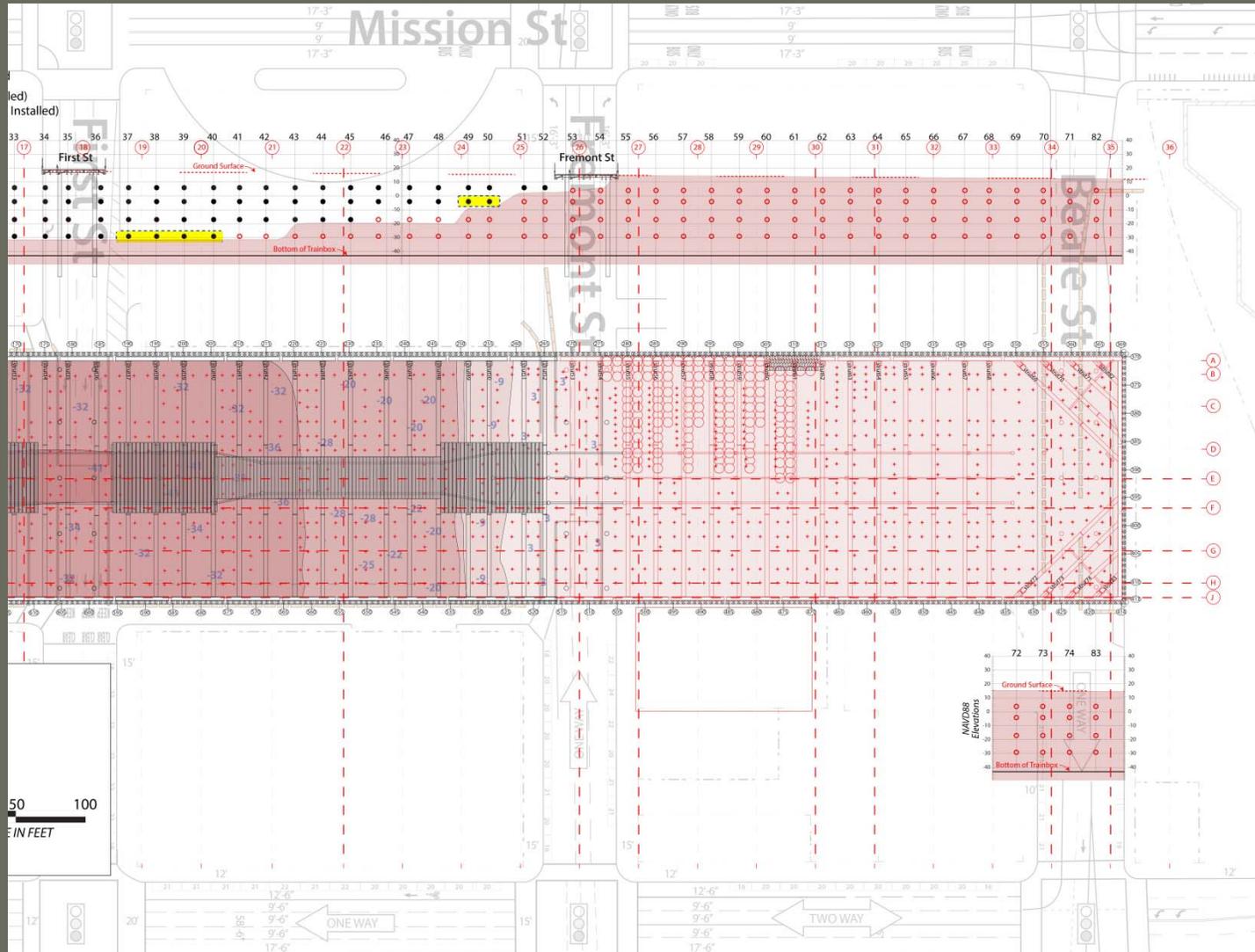
Excavation and Bracing Status Zones 1 and 2 April 1, 2013





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Excavation and Bracing Status Zones 3 and 4 April 1, 2013





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Central and West Sections Progress



Late February 2013



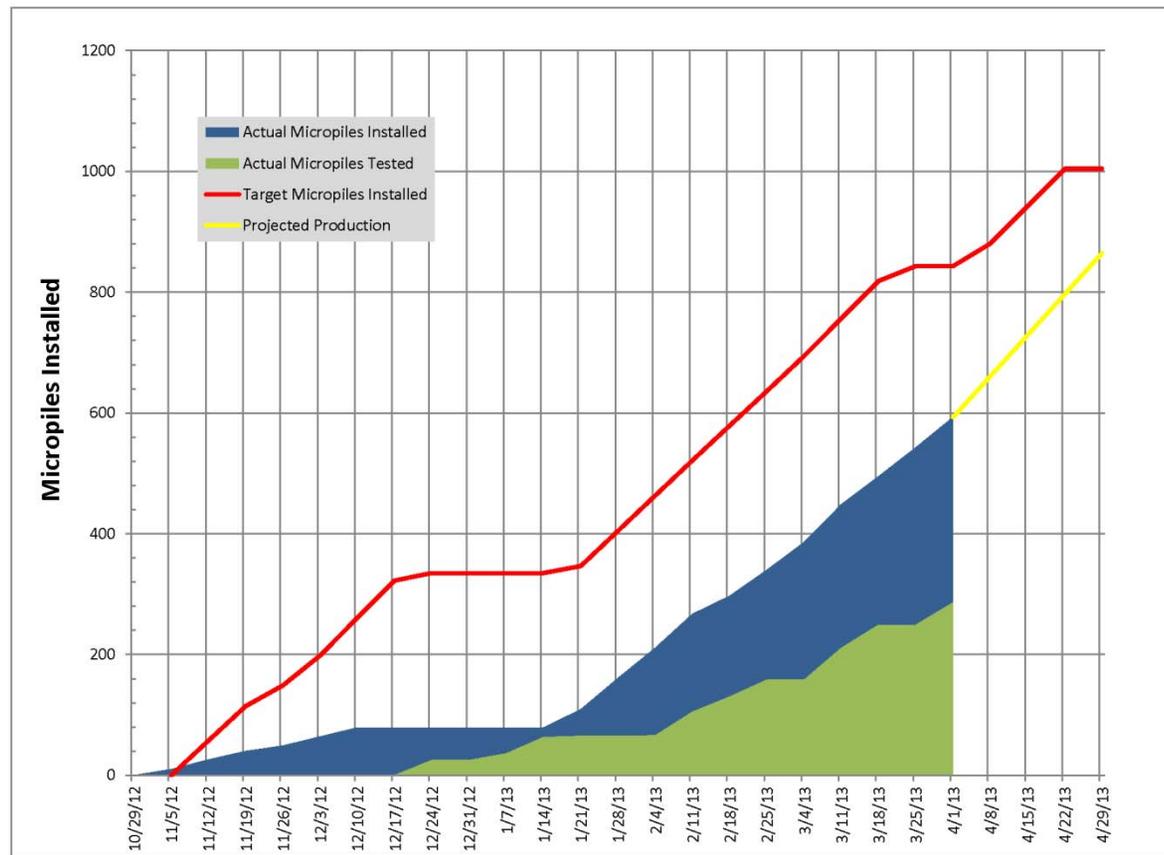
Early April 2013



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Micropile Status April 1, 2013

Zones 1 and 2 Micropile Installation



Date: 4/1/2013



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Micropiles – Zone 1





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Subgrade Preparations – Zone 1





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Excavation and Bracing – Zone 2



03/04/2013



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Excavation and Bracing – Zones 2 and 3





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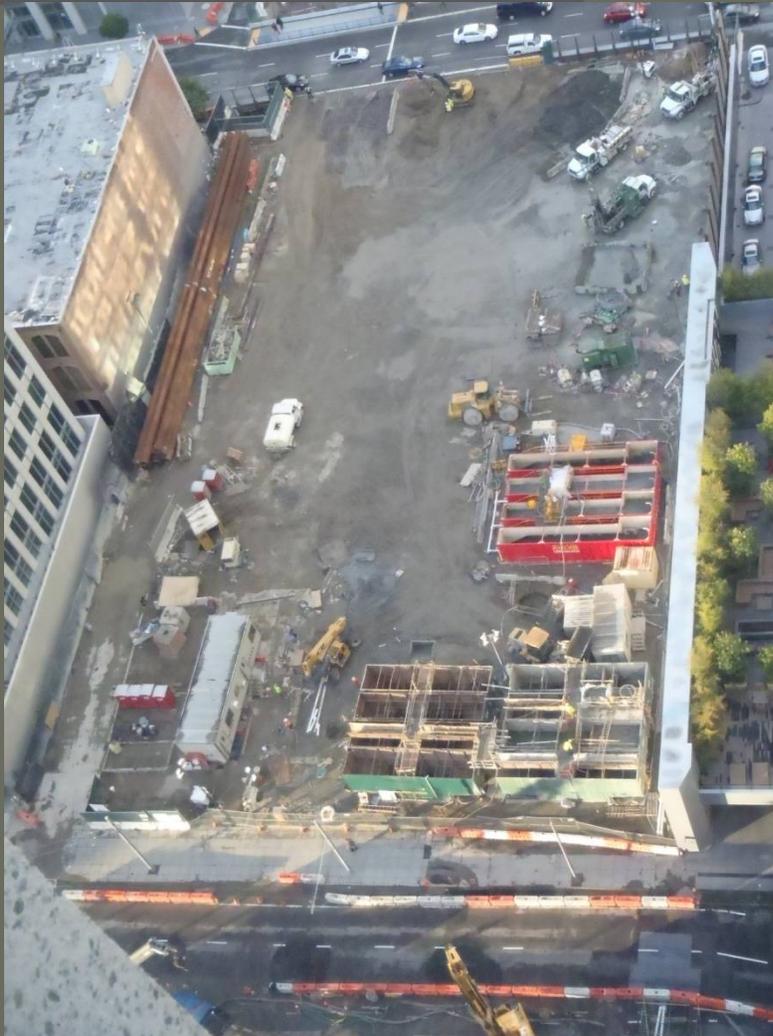
Excavation and Bracing – Zone 3





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East Section Progress



Early March 2013



Early April 2013



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Zone 4 Progress





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Zone 4 Progress Beale Street Bridge Preparations





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Zone 4 Progress Beale Street Bridge Preparations





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Utility Relocation - AWSS Installation Update





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Utility Relocation - AWSS Installation Update





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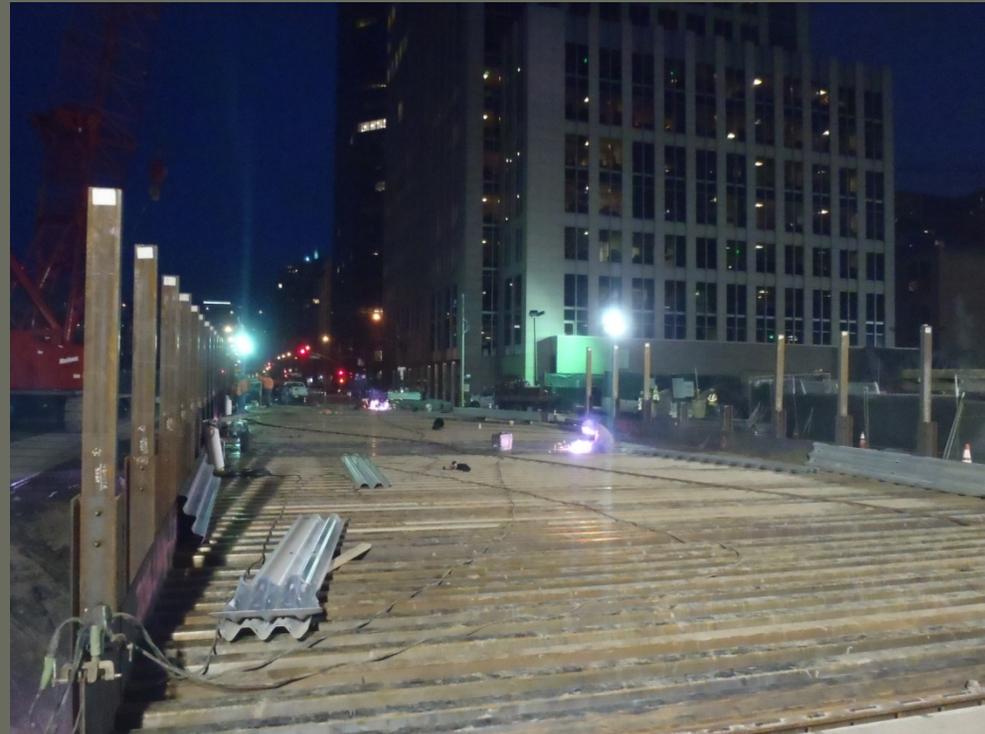
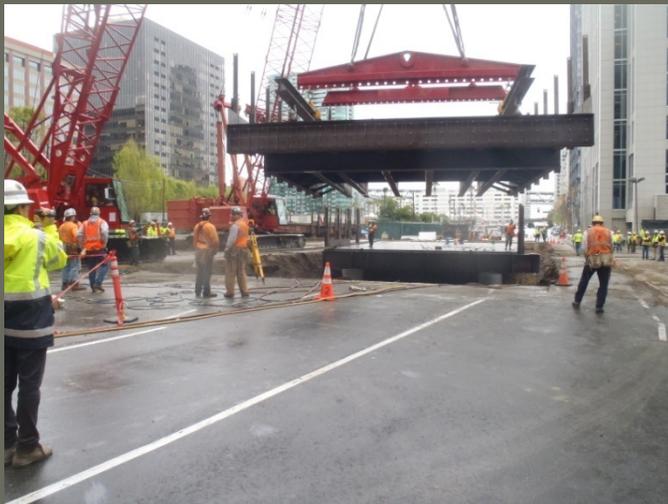
Beale Street Bridge Installation – Demolition





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Beale Street Bridge Installation





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Beale Street Bridge Installation



Link for Time Lapse Video: <http://youtu.be/6zPL4zy8M1M>



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Bay Area Labor – Trade Packages

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

721,579 Craft Hours

- To date, Bay Area Labor has contributed 454,851 hours, or 63% of the total Craft Hours.



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Bay Area Regional Labor Breakdown

Labor by Area	Through March 2013	
Location	Total Hours Completed	Hours Percent
East Bay (Alameda, Contra Costa, Solano)	224,342	31%
North Bay (Marin, Napa, Sonoma)	20,167	3%
South Bay (San Mateo, Santa Clara)	73,573	10%
San Francisco	136,771	19%
Other*	266,726	37%
Totals	721,579**	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 March 2013

Classification	TTC Building and RUP's*
Inspectors – Soils / Material Test	38
Carpenters and Related Trades	39
Cement Mason	22
Electrical – Utility Lineman	25
Electrician	25
Field Surveyor	18
Iron Worker	56
Laborer and Related Trades	455
Operating Engineer	285
Pile Drivers	114
Roofer	7
Sheet Metal	5
Teamsters	156
Tile Setters / Finishers	7
Totals	1,252

* Relocation of Utilities Project



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Questions?