



CAC Construction Update

April 09, 2013

Transbay Transit Center

TJPA





Transbay Transit Center

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.
- 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.
- Production micropiles continue in Zone 1 (87% complete) and Zone 2 (16% complete). To date 649 have been installed and grouted. A total of 319 have been tested, all have passed.



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Period Summary

- The BSE Contractor has completed the demobilization of the buttress and water treatment equipment.
- Demolition of the work slab in Zone 4 is underway to facilitate the installation of the access trestle piles.
- Grounding system installation has begun in Zone 1 and 2 of 5 “mud slab” pours in Zone 1 have been completed.
- The Beale Street Temporary Traffic Bridge was successfully installed over the April 5 through April 8 weekend.
- RUP 4.2, the AWSS Work, continued this period on Mission Street and will continue through September 2013. Work is proceeding from west to east between Second and Beale Streets



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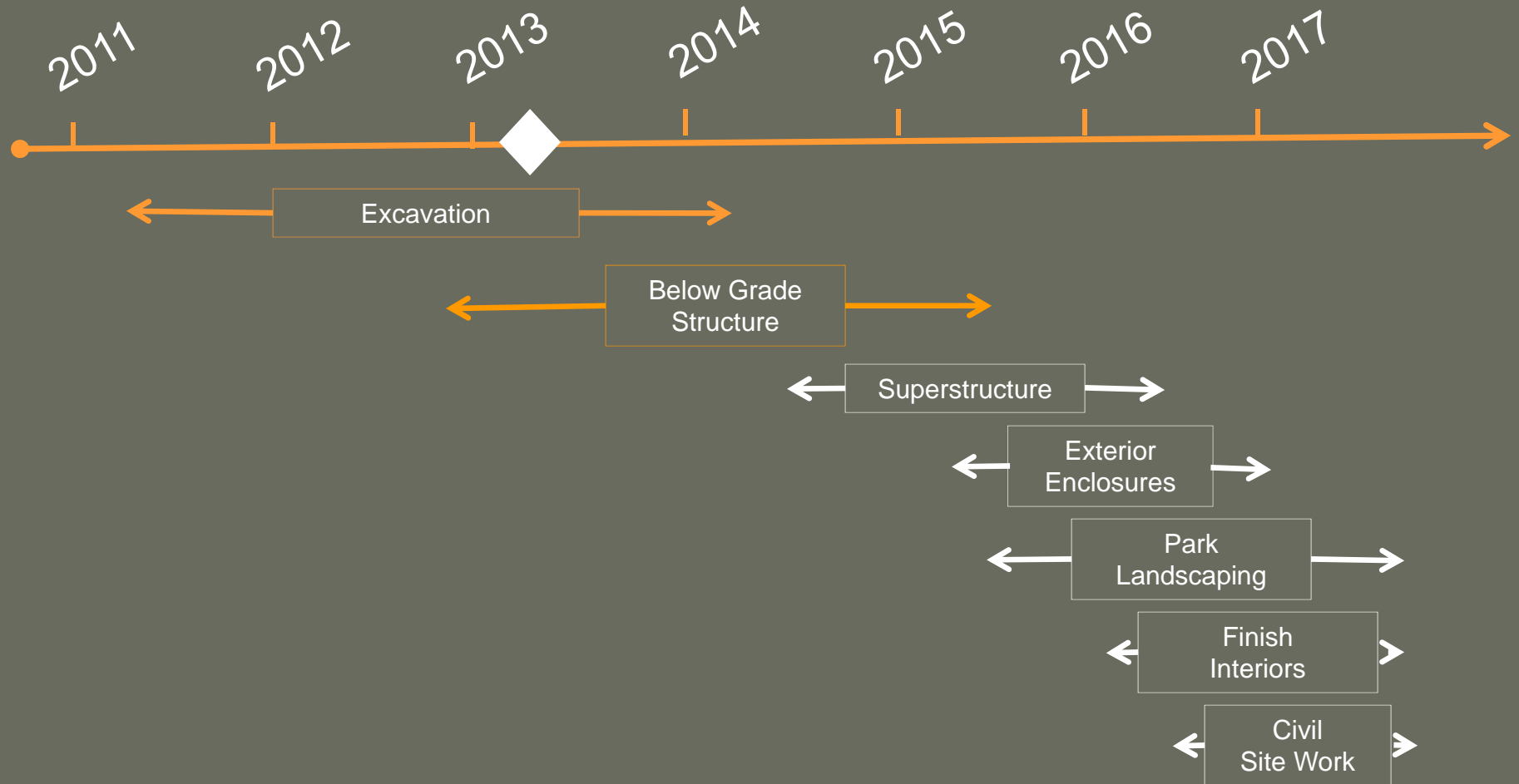
The Next 90 Days

- Complete all concrete mud slab pours in Zone 1.
- Complete Excavation in Zone 2 by April 15th.
- Complete production micropiles in Zones 1 and 2.
- 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.
- Complete demolition of buttress drill platform and begin excavation in Zone 4.



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Construction Timeline Summary





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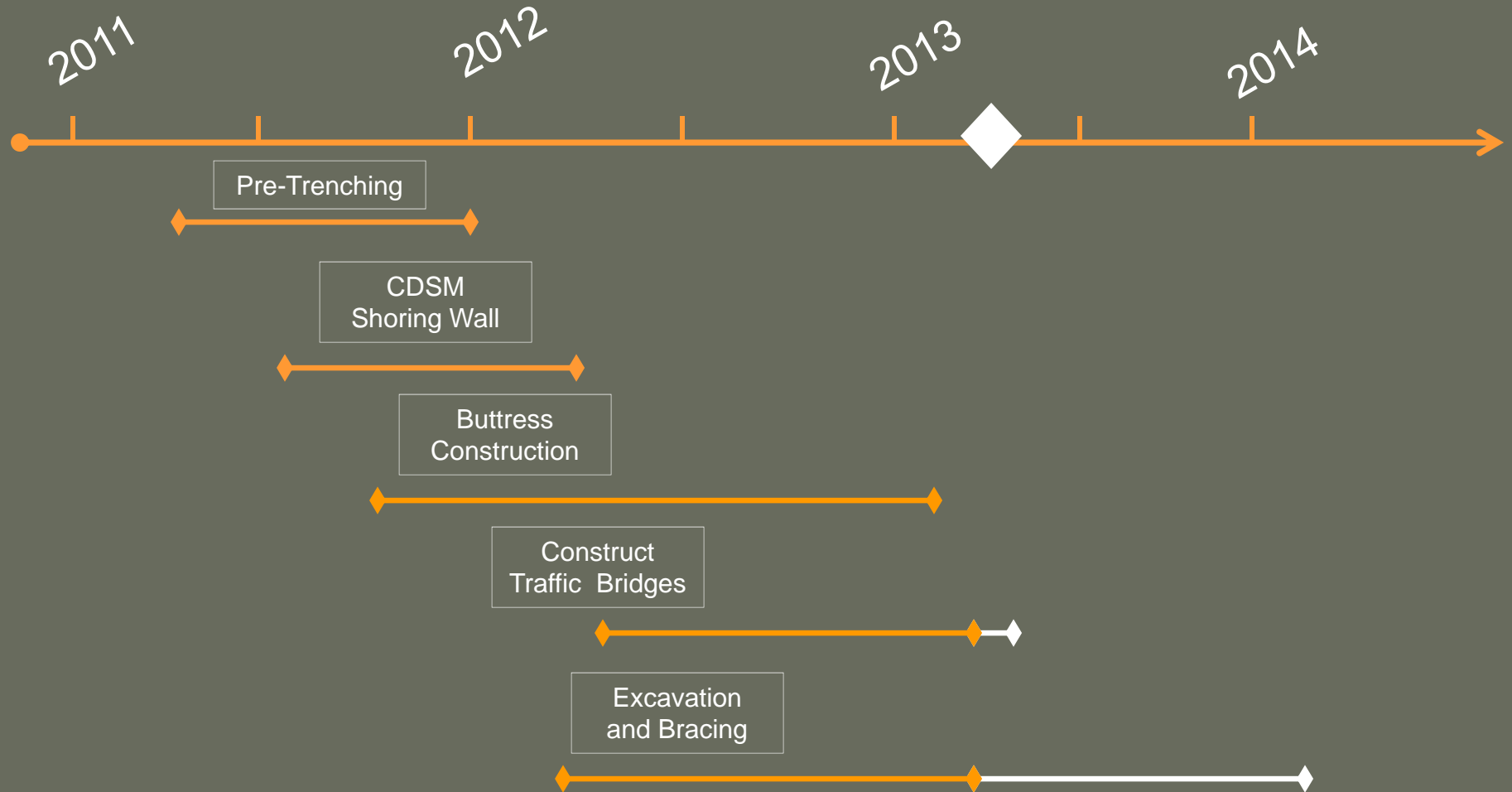
Construction Milestones

Key Schedule Dates	Feb 2013 Schedule
Install Final Traffic Bridge	Apr-13
Complete Utility Relocations	Sep-13
Complete First Mat Pour	Jun-13
Complete Zone 2 Mat Pour	Oct-13
Complete Excavation	Feb-14
Complete Zone 1 Concourse Level Deck	May-14
Begin Steel Erection	Jun-14
Complete Steel Superstructure	Sep-15
Connect Bus Ramps to Transit Center	May-16
Complete Rough Interiors	Jun-16
Complete Exterior Curtain Wall	Feb-17
Complete Finish Interiors	Jul-17
Begin Bus Operations	Oct-17
Final Completion	Apr-18



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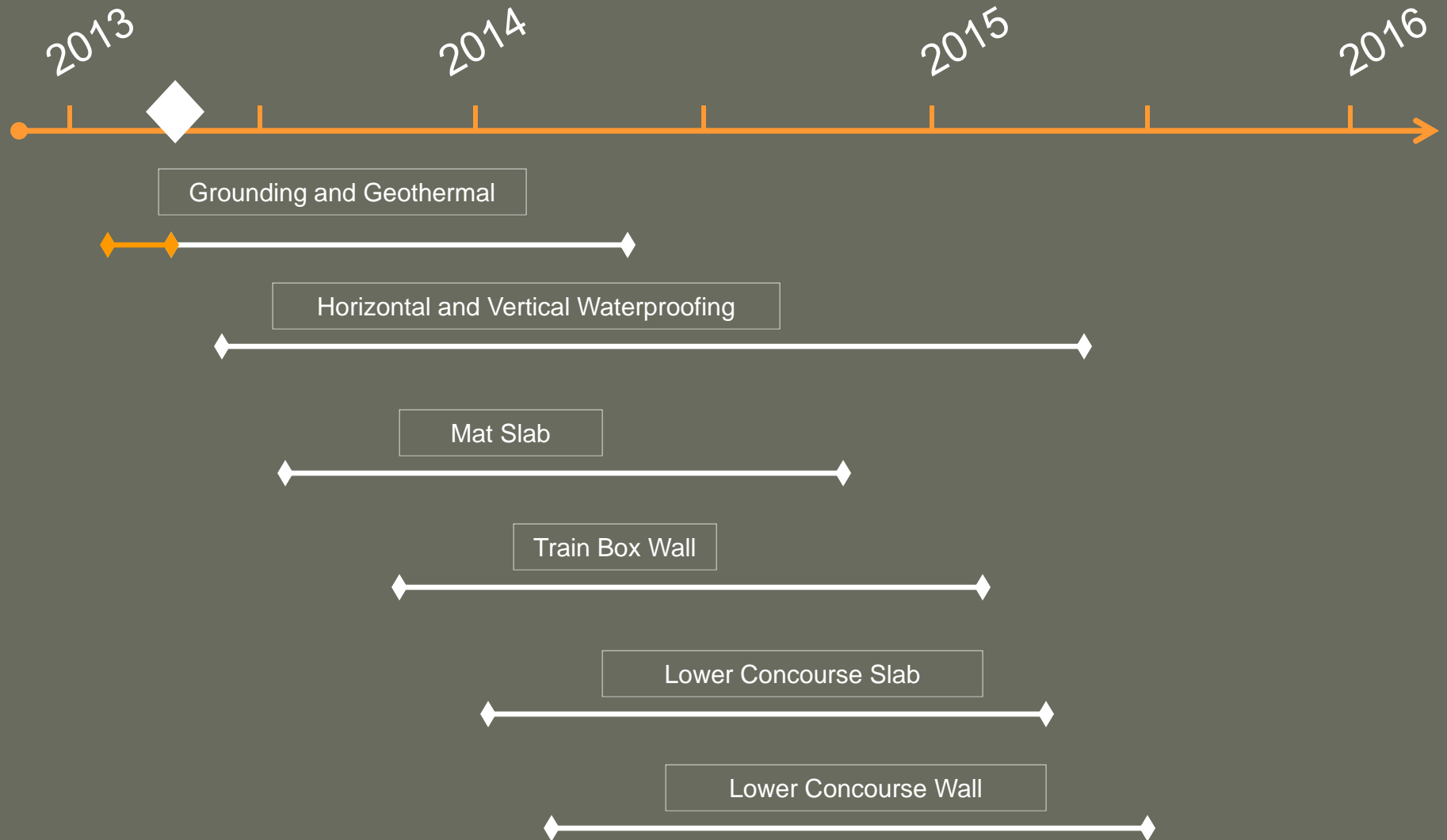
BSE Timeline Summary





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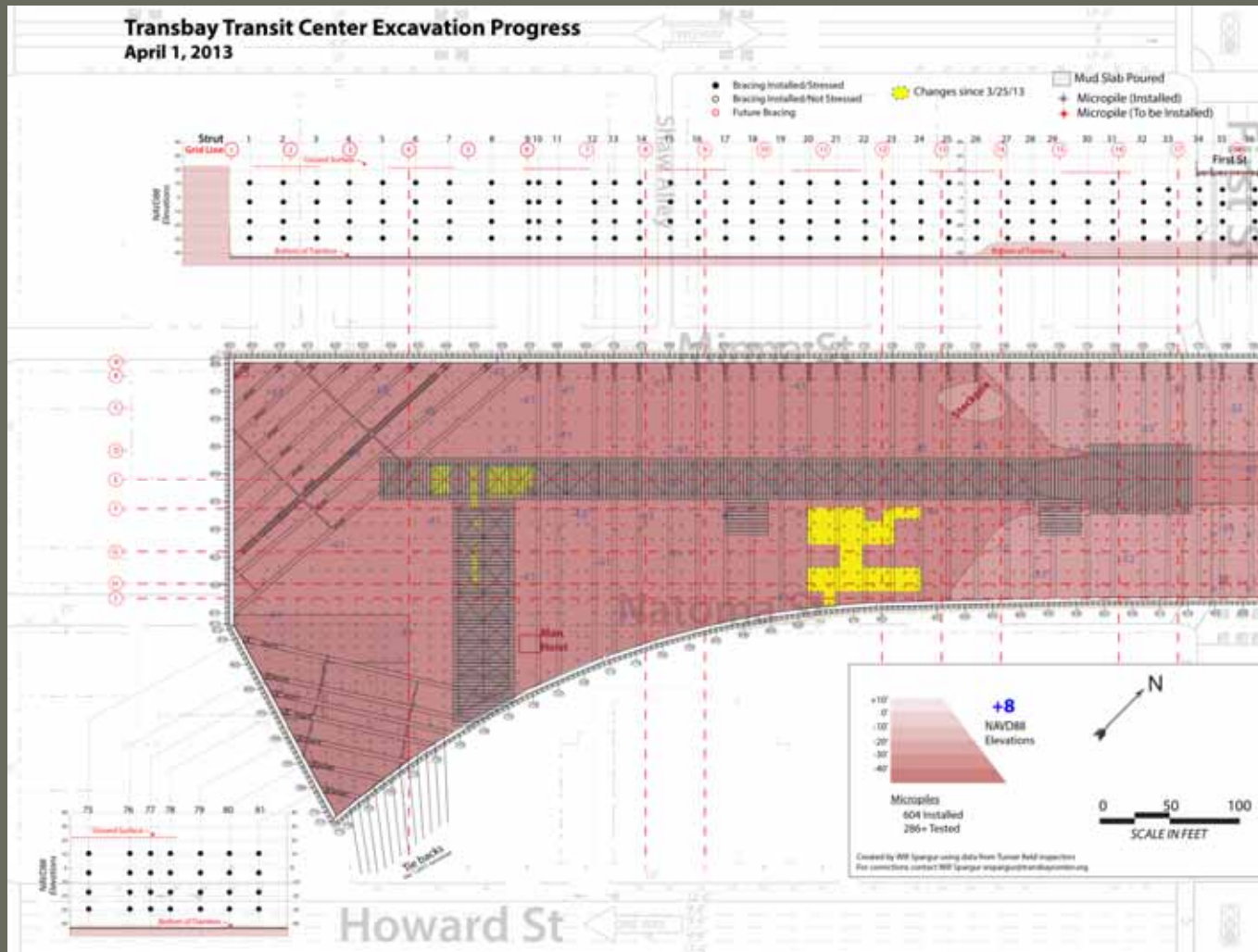
Below Grade Concrete Timeline Summary





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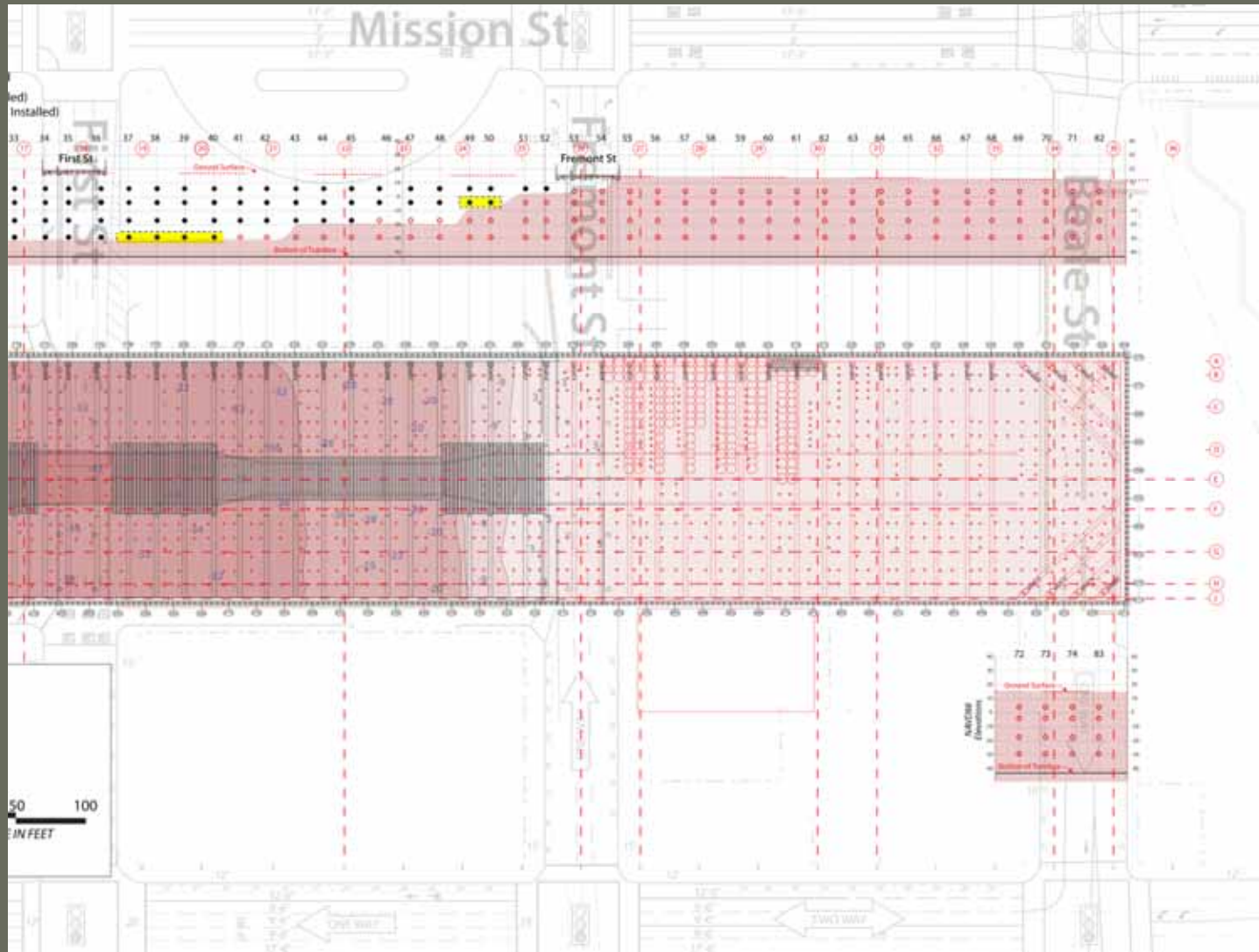
Excavation and Bracing Status Zones 1 and 2 April 1, 2013





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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



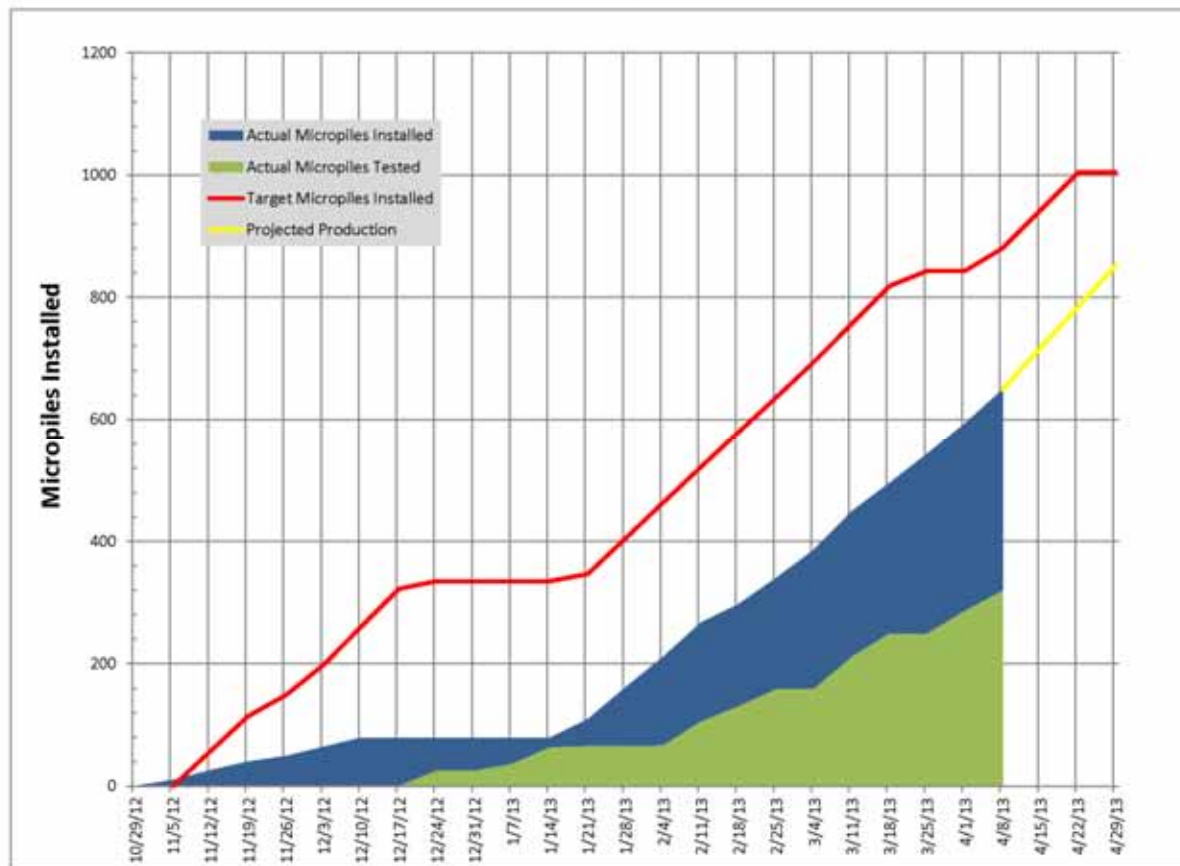
Early April 2013



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Micropile Status April 7, 2013

Zones 1 and 2 Micropile Installation



Date: 4/8/2013



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Micropiles – Zone 1





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Subgrade Preparations – Zone 1





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Excavation and Bracing – Zone 2





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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







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Questions?