



CAC Construction Update

March 12, 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 685,000 craft hours completed, excluding demolition, through 2/28/13. Over 35,000 hours completed this period.
- The BSE contractor continued placement of Zone 1 mud slab now 16% complete in this area.
- Overall the excavation work is 63% complete.
- Bracing installation is complete in Zone 1, work continues in Zones 2 and 3. In Zone 2 struts are complete at bracing levels A, B and C and 63% complete at level D. In Zone 3 struts are complete at bracing level A, 85% complete at level B and 46% complete at level C.



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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 between Second and Beale Streets
- Production micropiles continue in Zone 1. To date 386 have been installed and grouted. Production micropiles are tested for “pull-out strength.” To date 158 have been tested, all have passed.
- The BSE Contractor continues to demobilize the buttress shaft and water treatment equipment.
- Demolition of the buttress drilling / work platform has begun
- Preparations for the Beale Street bridge continued this period. The bridge support piles and abutments for the west half were completed 3/1. Work has begun on east half.



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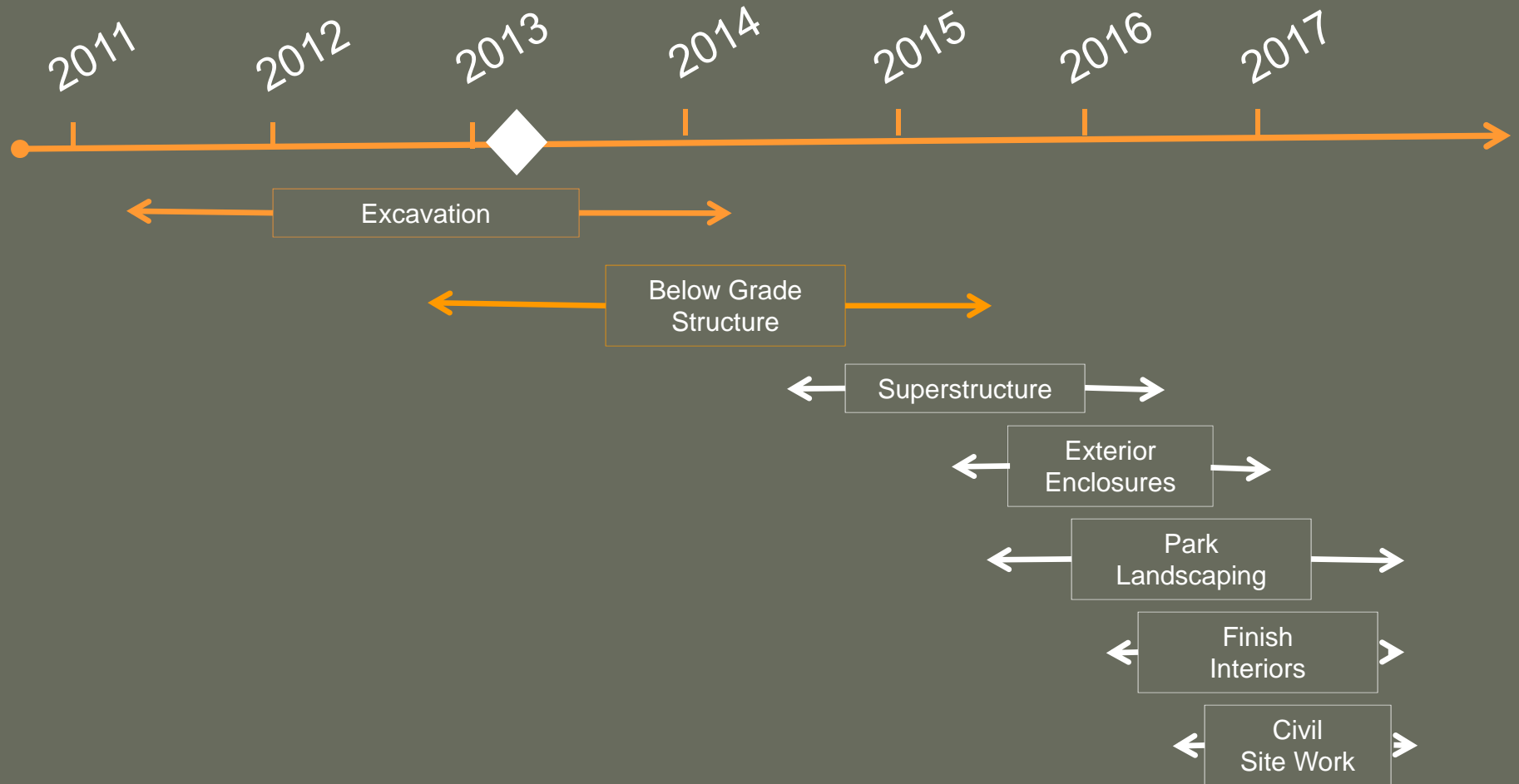
The Next 90 Days

- Complete Excavation in Zone 2 by end of March.
- Complete demolition of buttress drill platform and begin excavation in Zone 4.
- 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 install the temporary bridge over April 5 to 7 weekend.
- Grounding trade contractor work will continue in Zone 1. Geothermal trade contractor will start Zone 1 work in March.
- 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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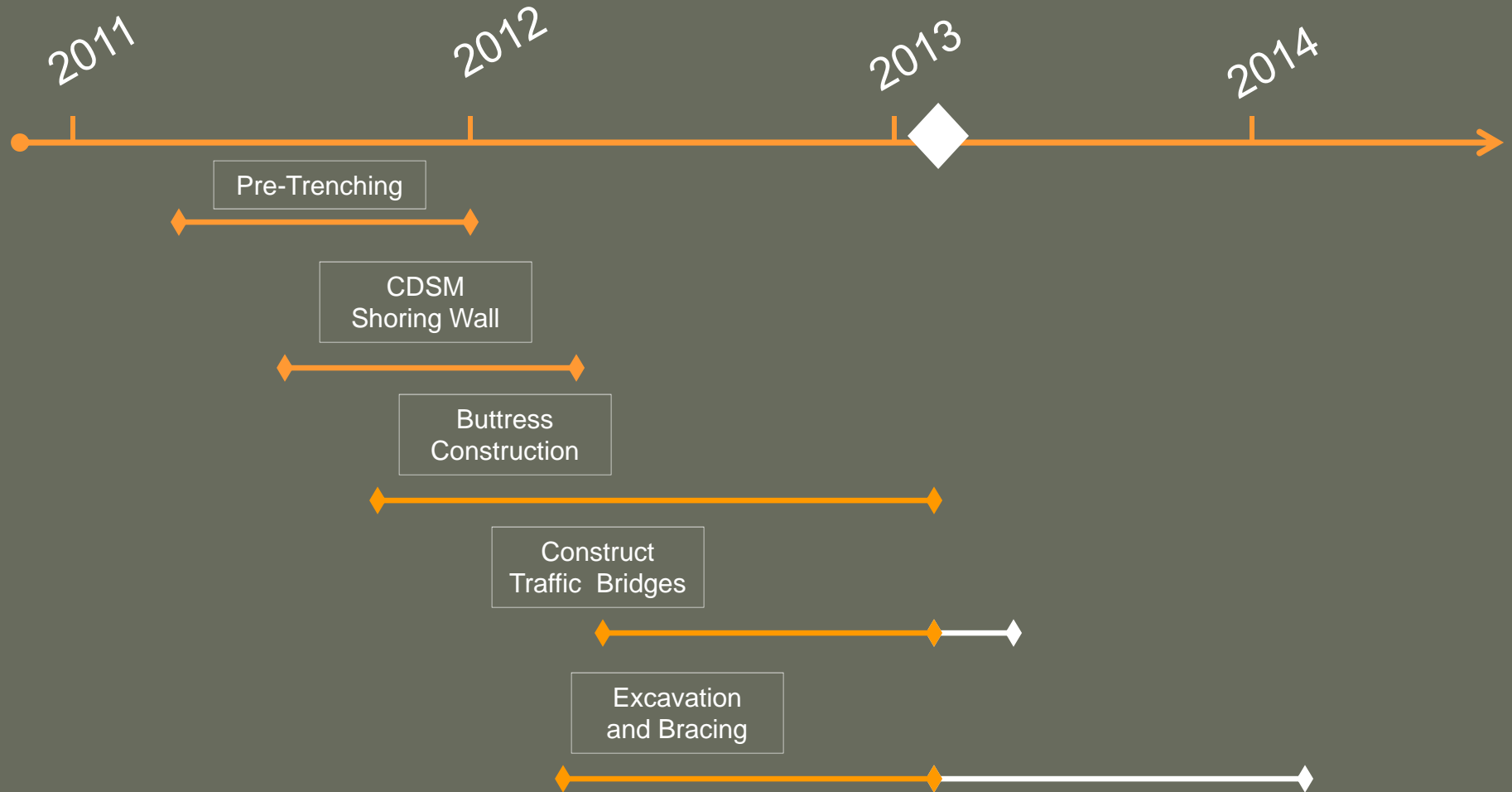
Construction Milestones

Key Schedule Dates	Baseline	Sched. Update 1/13/2013	Current Float
Install Final Traffic Bridge	1-Mar-13	1-Apr-13	20 days
Complete Utility Relocations	1-Jul-13	1-Sep-13	999 days
Complete First Mat Pour	1-Jul-13	1-Jun-13	55 days
Complete Zone 2 Mat Pour	1-Aug-13	1-Sep-13	65 days
Complete Excavation	1-Jan-14	1-Feb-14	12 days
Complete Zone 1 Concourse Level Deck	1-May-15	1-Jul-15	5 days
Begin Steel Erection	1-Jun-14	1-Jun-14	0 days
Complete Steel Superstructure	1-Nov-15	1-Sep-15	0 days
Connect Bus Ramps to Transit Center	1-May-16	1-May-16	115 days
Complete Rough Interiors	16-Aug-13	1-Jun-16	60 days
Complete Exterior Curtain Wall	1-Feb-17	1-Feb-17	0 days
Complete Finish Interiors	1-Jul-17	1-Jul-17	20 days
Begin Bus Operations	1-Oct-17	1-Oct-17	0 days
Final Completion	1-Mar-18	1-Apr-18	0 days



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BSE Timeline Summary





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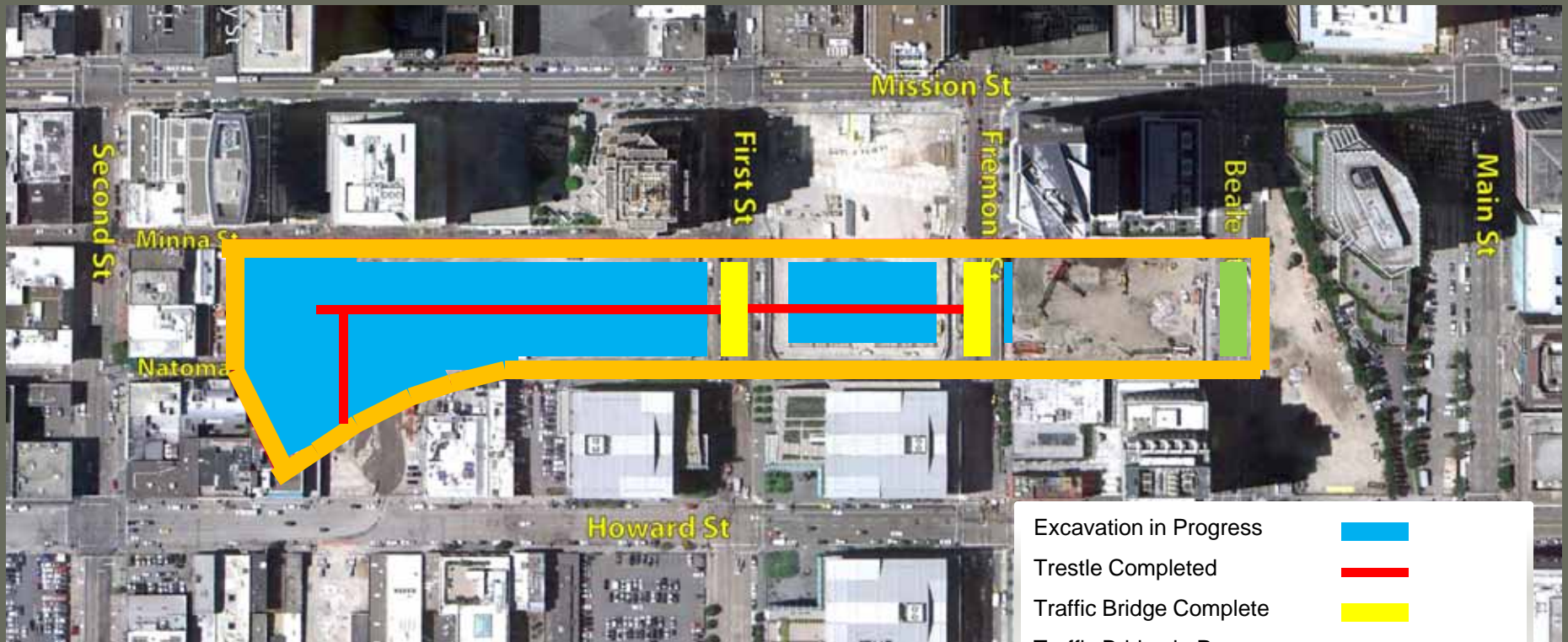
Current Site Status

2011

2012

2013

2014



Excavation in Progress	
Trestle Completed	
Traffic Bridge Complete	
Traffic Bridge in Progress	



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Excavation and Bracing Status March 4, 2013





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Central and West Sections Progress



Early February 2013



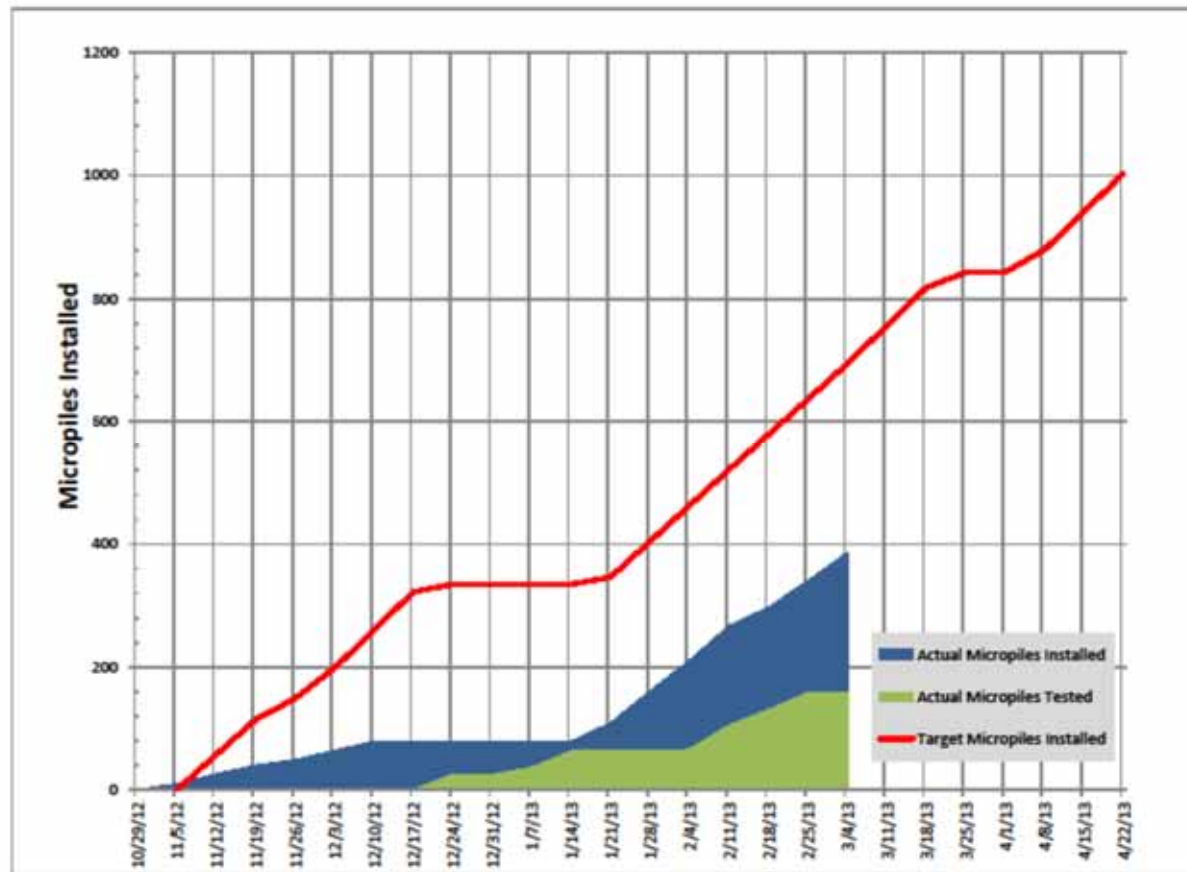
Late February 2013



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Micropile Status March 4, 2013

Zones 1 and 2 Micropile Installation



Date: 3/4/2013



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Micropiles – 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 – Zones 2 and 3





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Excavation and Bracing – Zone 3





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East Section Progress



Early February 2013



Early March 2013



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Preparation for Beale Street Traffic Bridge

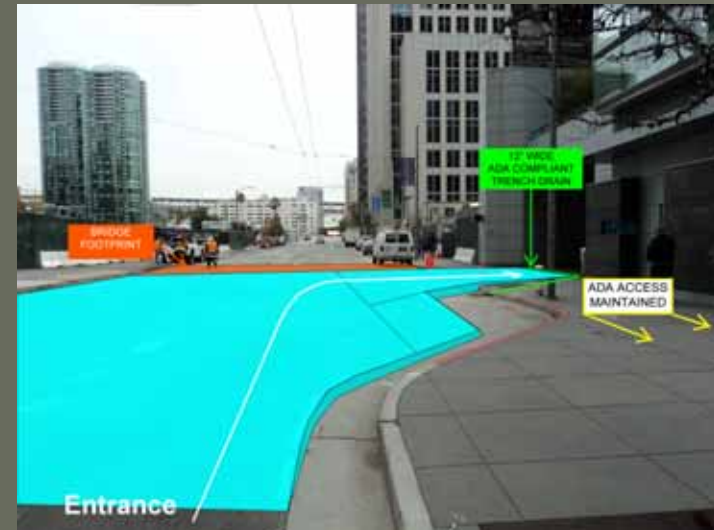




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Beale Street Traffic Bridge

- 1/7/13 - 1/11/13 Drill/Pour OCS Foundations near 301 Mission and 199 Fremont. COMPLETED
- 1/14/13-1/25/13 East side of Beale Street, work includes paving to raise grade and installation of east OCS poles. COMPLETED
- 1/28/13-3/1/13 West side Beale Street, work includes paving, pier installation, abutment installation and west OCS poles.
- 3/4/13-4/3/13 East side Beale Street work includes pier installation, abutment installation and bridge assembly.
- Target Installation 4/5/13-4/7/13 Full weekend close of Beale Street for bridge installation, new OCS poles and alignment.





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Utility Relocation - AWSS Installation Update





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Questions?