



CAC

Construction Update

October 8, 2013

Transbay Transit Center

TJPA





Period Summary

- There were two minor incidents in September. One was a recordable incident involving a lower back muscle strain resulting in restricted duty. The other was a first aid case involving a bruise to the upper torso. Both workers were placing reinforcing steel. There were no lost time incidents this period.
- There have been over 865,000 craft hours completed, excluding demolition, through September 30, 2013.
- RUP 4.2, the AWSS Work continued this period. Offset fittings required to complete the First Street intersection were received. First Street to be completed and re-paved by mid-October.



Period Summary

- Overall the excavation work is 87% complete. Bracing installation is complete in Zones 1 and 2; work continues in Zones 3 and 4. In Zone 3 struts are complete at bracing levels A, B and C. At level D bracing is 70%. In Zone 4 struts are complete at bracing levels A and B and 15% complete at level C.
- Grounding, Geothermal and Mud Slab installation has caught up with the excavation and is complete through Zones 1, 2 and approximately 60% of Zone 3. Along with micropiles, this work will re-commence in Zones 3 and 4 in the first quarter of 2014.
- Placed two foundation mat slab sections (areas 1 and 3) in Zone 1 this period.



Construction

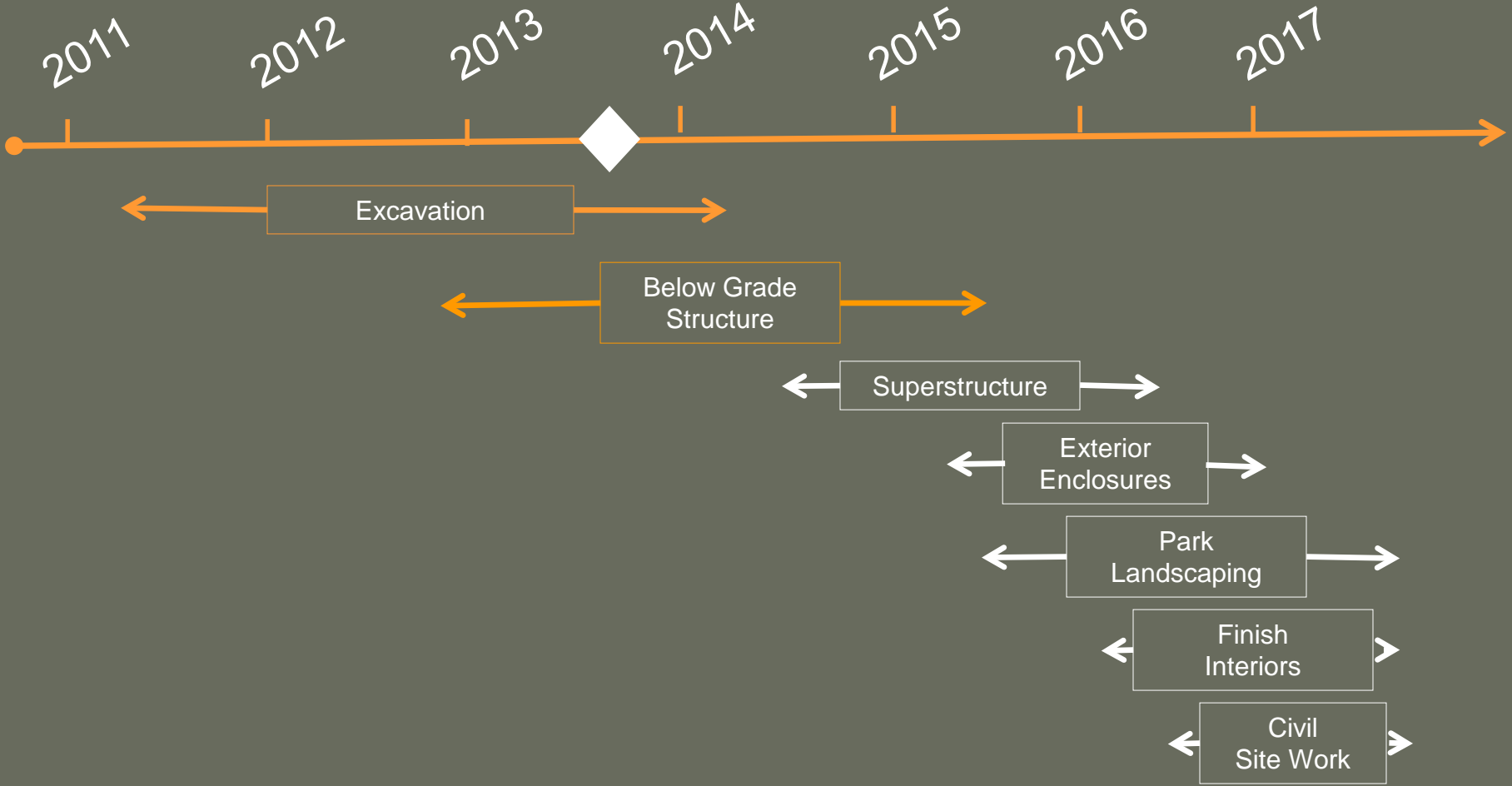
The Next 90 Days

- Next 30 Days (October)
 - Complete Zone 3 and 4 Level C Bracing.
 - Install Beale Street PG&E duct bank under traffic bridge.
 - Start Zone 2 waterproofing and protection slab install.
 - Continue to install reinforcing steel, prep and place Structural Mat Slab sections in Zone 1 (Areas #2, 4, 6) and Zone 2 (Areas #7, 8).
 - Continue Cast Node first article fabrication.
 - AWSS work to begin at Main and Mission Streets.
- In 60 Days (November)
 - Complete demolition of buttress tops through level 4 in Zone 4.
 - Continue to install reinforcing steel, prep and place Structural Mat Slab sections in Zone 1 (Area #5) and Zone 2 (Areas #9, 10).
 - Start foundation walls and re-bracing operation in Zone 1
- In 90 Days (December)
 - Complete Zone 4 Level D Bracing.



Transbay Transit Center

Construction Timeline Summary





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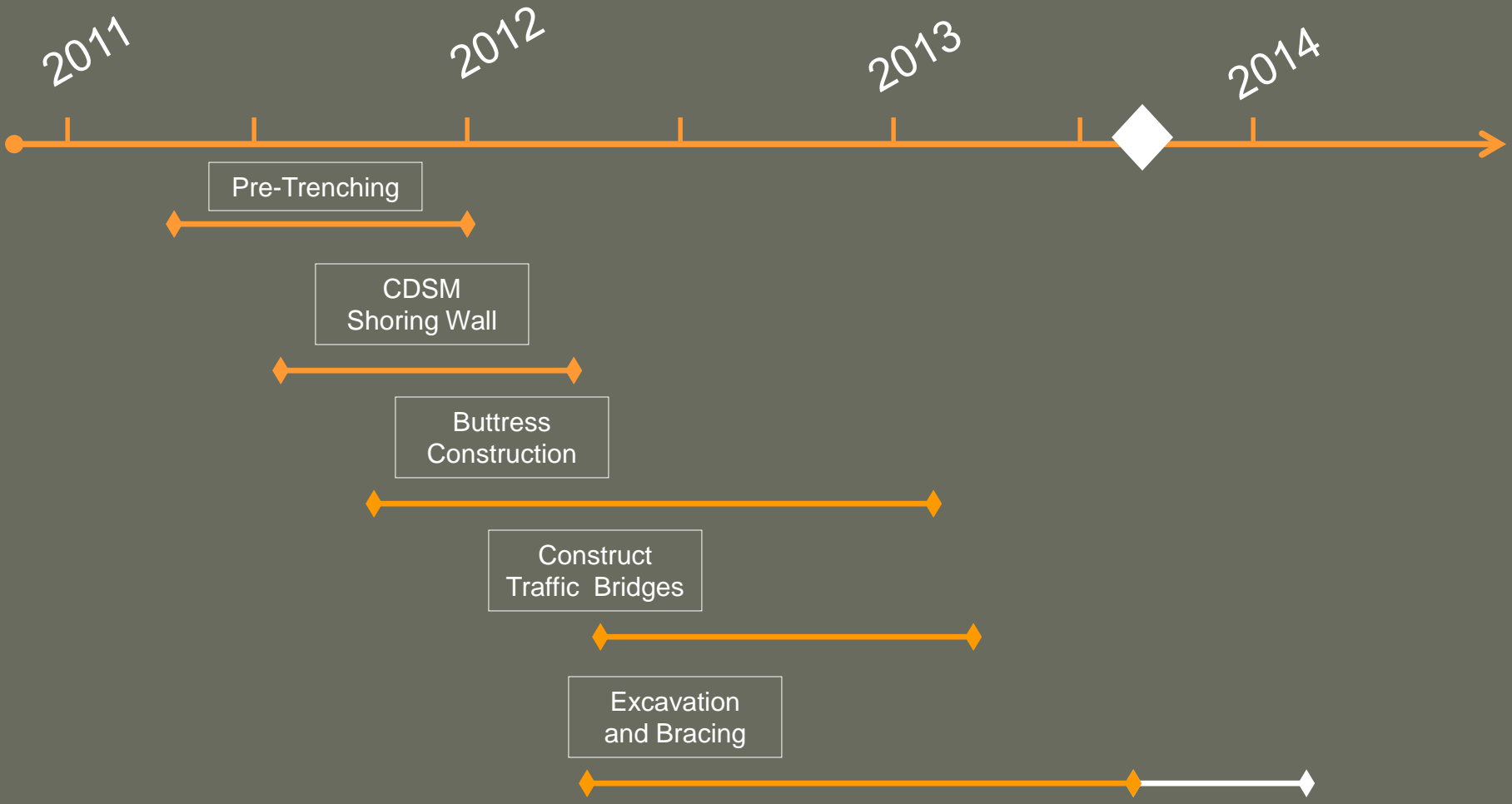
Construction Milestones

Key Schedule Dates	Baseline	Sep-13	Float
Complete Utility Relocations	Jul-13	Feb-14	905
Complete First Mat Pour	Jul-13	Sep-13	0
Complete Zone 2 Mat Pour	Aug-13	Nov-13	8
Complete Excavation	Jan-14	Feb-14	45
Complete Zone 1 Concourse Level Deck	Mar-14	Jul-14	16
Begin Steel Erection	Jun-14	Jul-14	0
Complete Steel Superstructure	Nov-15	Nov-15	0
Connect Bus Ramps to Transit Center	May-16	Aug-16	142
Complete Rough Interiors	Aug-16	Jan-17	37
Complete Exterior Curtain Wall	Jan-17	Nov-16	35
Complete Finish Interiors	Jul-17	Aug-17	37
Begin Bus Operations	Oct-17	Oct-17	0
Final Completion	Mar-18	Jan-18	0



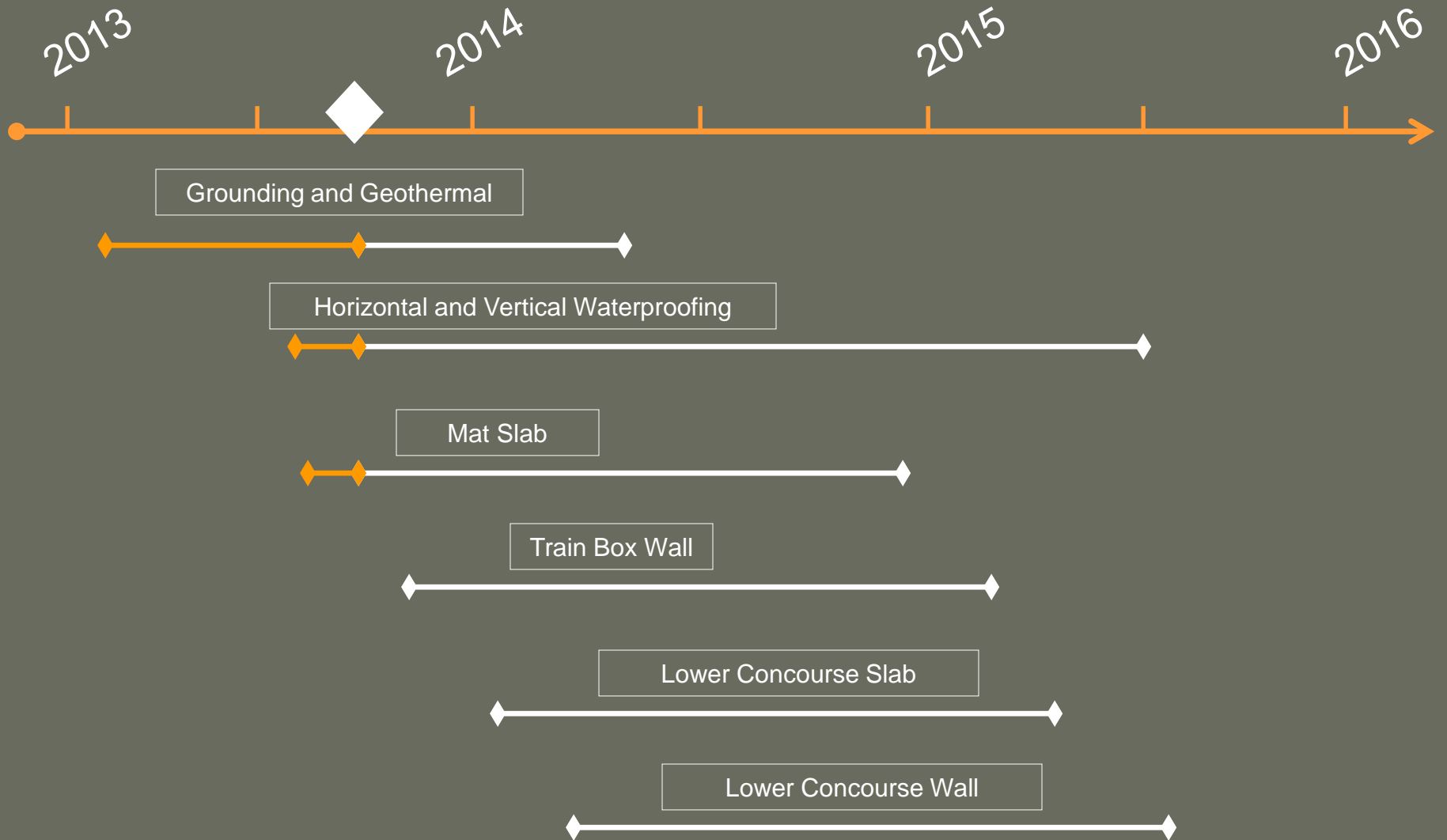
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BSE Timeline Summary





Below Grade Concrete Timeline Summary

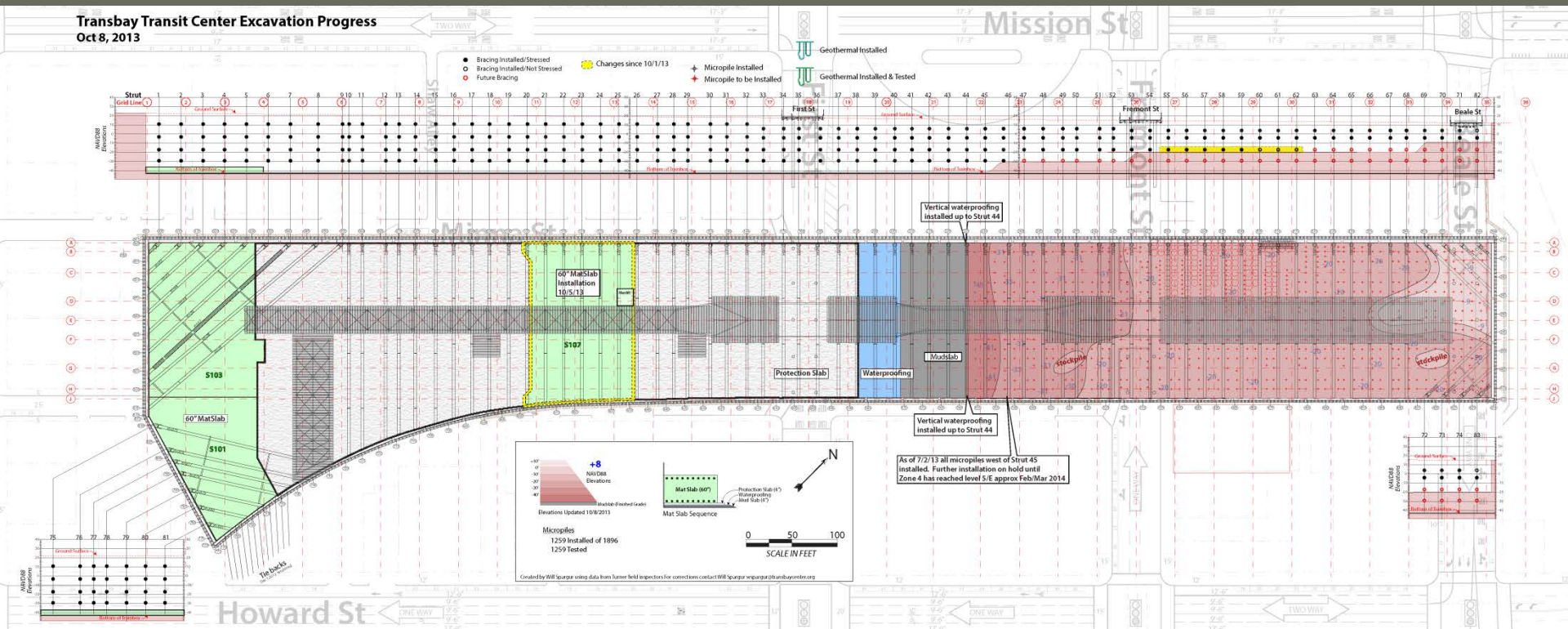




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Excavation and Bracing Status All Zones October 8, 2013

Transbay Transit Center Excavation Progress
Oct 8, 2013





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Central and West Sections Progress



September 2013

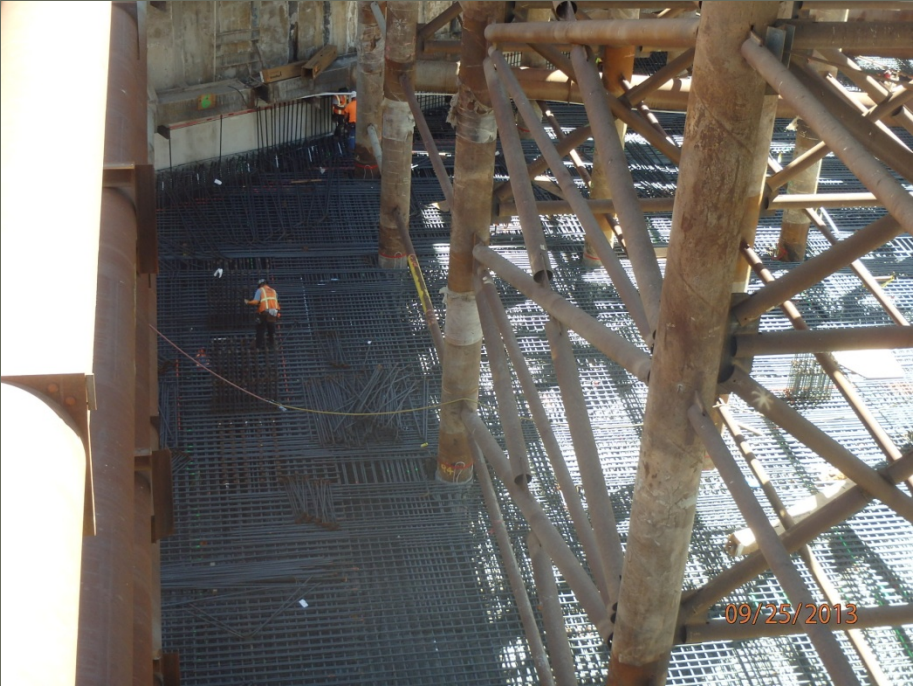


October 2013



Transbay Transit Center

Mat Foundation Slab Reinforcing – Zone 1





Mat Foundation Slab Placement – Zone 1, Area 3





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Mat Foundation Slab Placement – Zone 1, Area 3





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Mat Foundation Slab Reinforcing – Zone 2





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Waterproofing Zones 2 and 3





Protection Slab – Zones 2 and 3





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East Section Progress



September 2013



October 2013



Excavation and Bracing – Zones 3 and 4





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Excavation and Bracing – Zones 3 and 4





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Utility Relocation - AWSS Installation Update



Work at First Street Intersection





Transbay Transit Center

Work Begins Next Door with the Demolition of 181 Fremont Street





Construction Activities Begin at Transit Tower Site





Questions?