



Construction Update

November 19, 2012

Transbay Transit Center

TJPA





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Period Summary

- There were no recordable or lost time incidents this period. However, there was one significant near miss incident involving the excavation equipment in Zone 1.
- The BSE Contractor has completed 157 buttress shafts through 11/9/12, a total of 17 since our last update.
- There have been over 550,000 craft hours completed to date, over 60,000 completed since the last update.
- Excavation and bracing installation continued in Zones 1, 2 and 3 with struts installed in Zone 1 at levels A, B, C and D. In Zone 2 struts are in progress at the A, B and C levels. In Zone 3 bracing is in progress at the A level.



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Period Summary

- The Below Grade Structure Package has been awarded, submittals have begun.
- Construction on RUP 4.2, the AWSS Work, continued this period on Mission Street and will continue into early 2013.
- The archeologists have been onsite during the ongoing excavation beneath the First Street traffic bridge.
- Zones 1 and 2 access trestle is fully operational and connected to First Street. Zone 3 access trestle and the trestle deck is connected to First Street and progressing toward Fremont Street. Access trestle should be connected to the Fremont Street bridge by end of November.
- The micropile test program was completed in Zone 1 and production micropile installation has begun.



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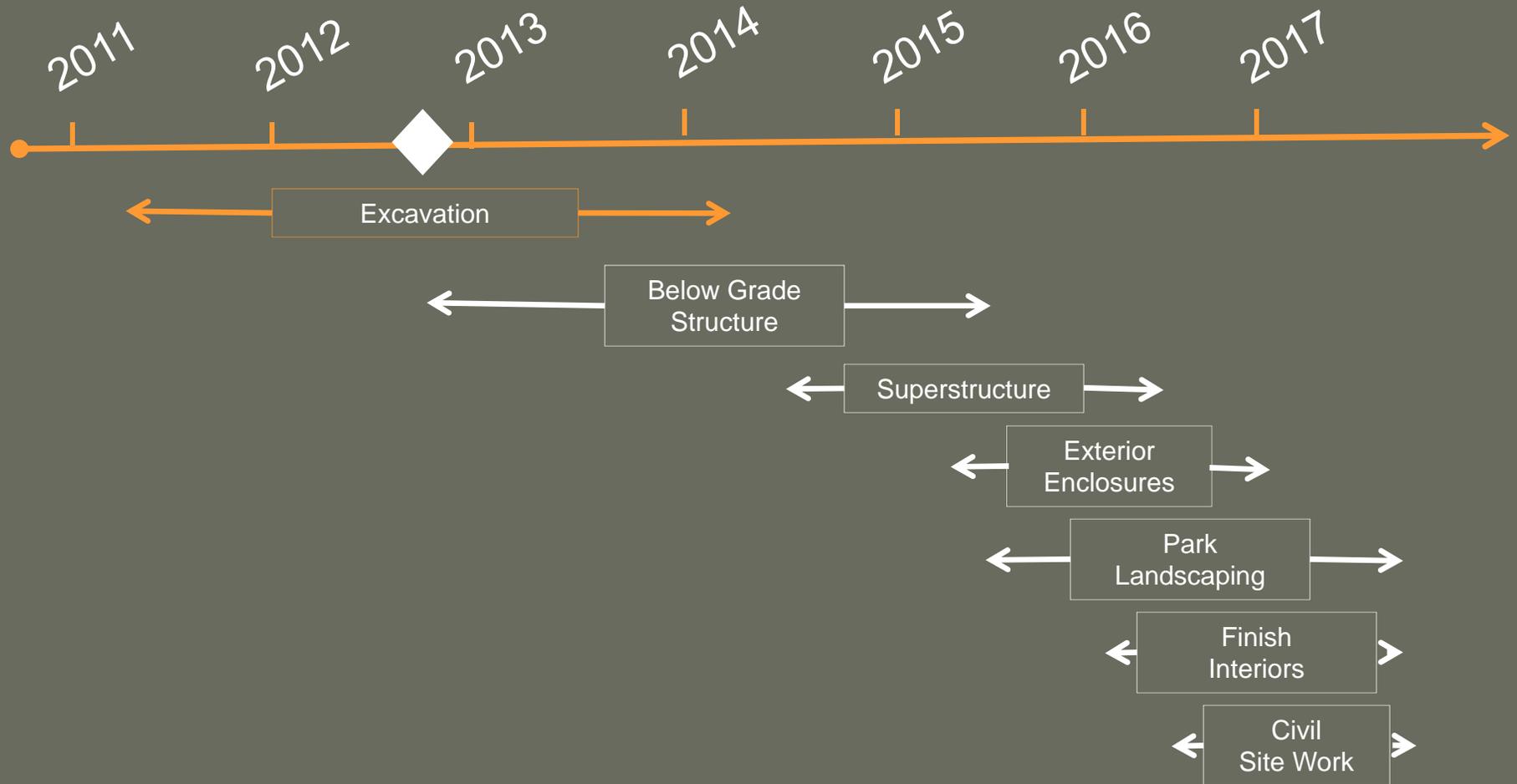
The Next 90 Days

- Complete access trestle in Zone 3.
- Continue excavation through Levels A, B, C and D in Zones 1 and 2 and Levels A and B in Zone 3.
- Complete production micropiles in Zone 1 and begin production piles in Zone 2.
- Mobilize Below Grade Structure Contractor and start construction in Zone 1. This work will include the start of geothermal and grounding work.
- Continue Buttress Shaft work in Zone 4, meet milestone of 162 shafts completed by November 30.



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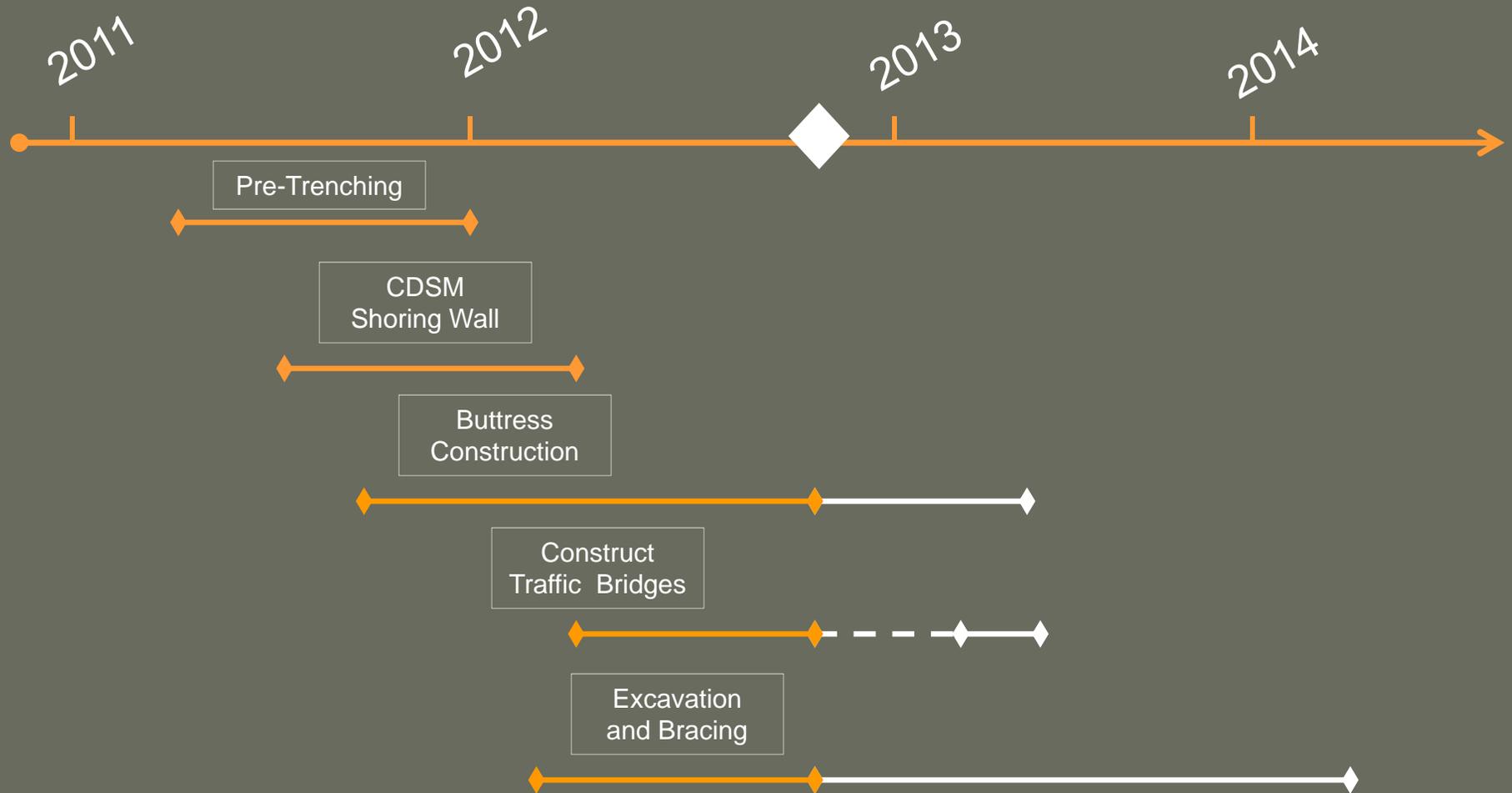
Construction Timeline Summary





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BSE Timeline Summary





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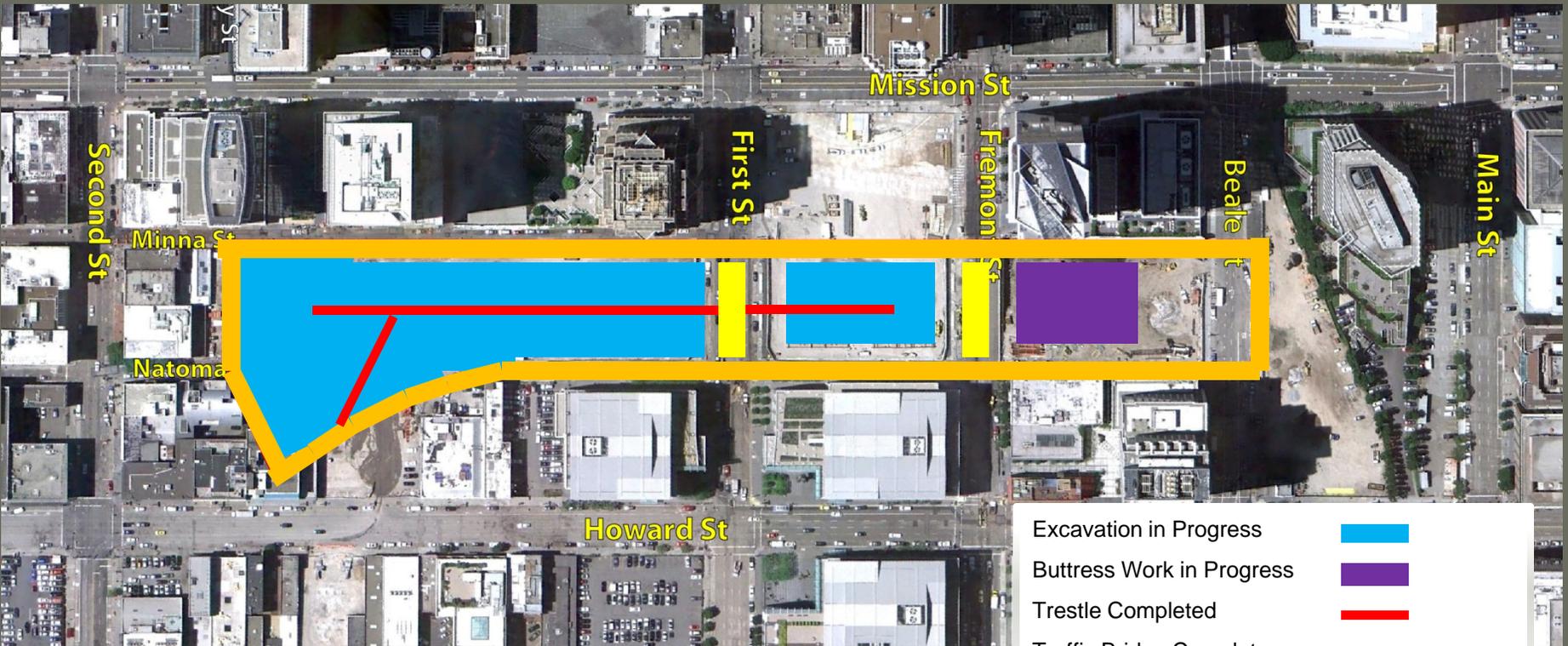
Current Site Status

2011

2012

2013

2014

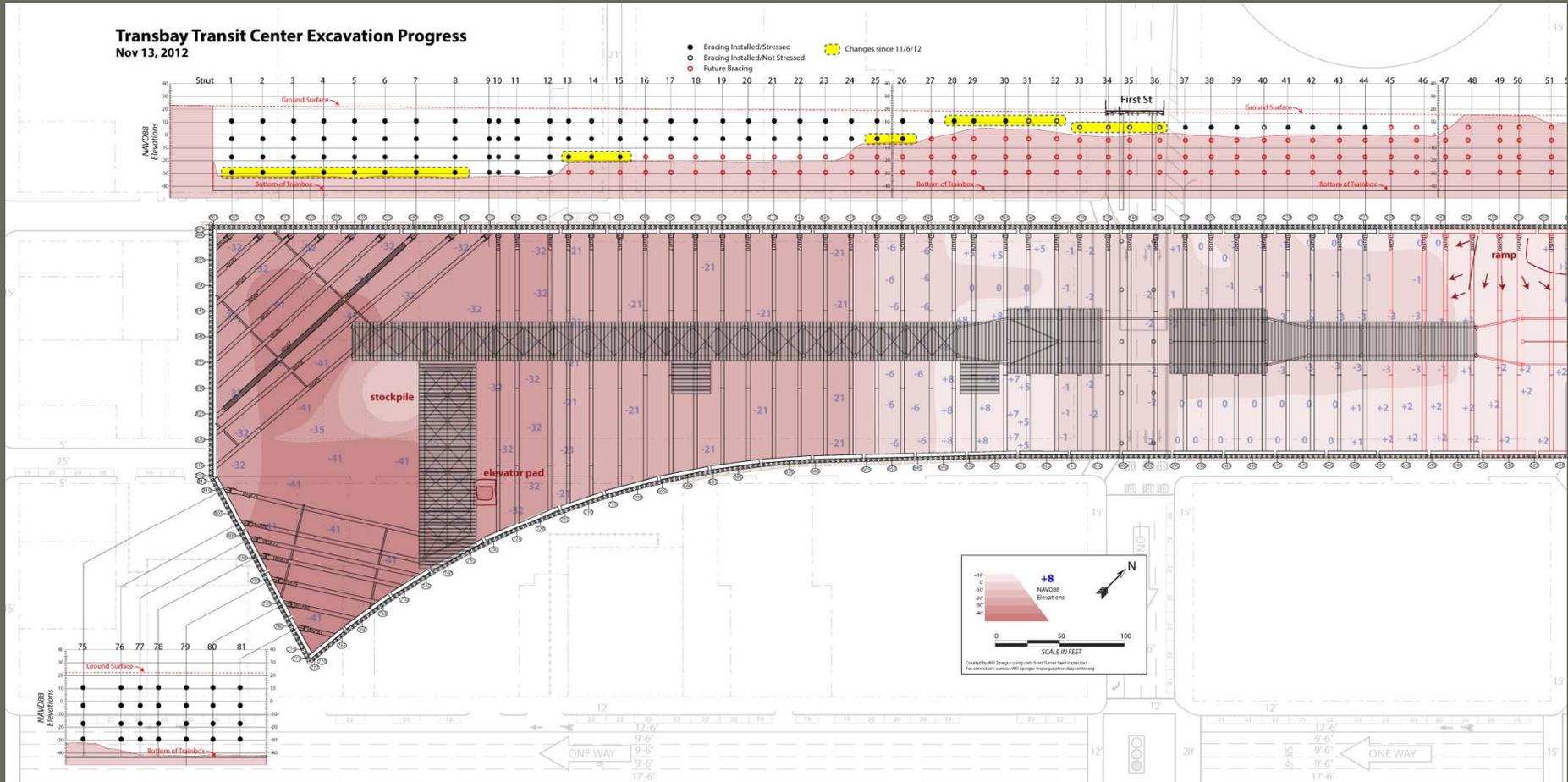




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Excavation and Bracing Status November 13, 2012

Transbay Transit Center Excavation Progress
Nov 13, 2012



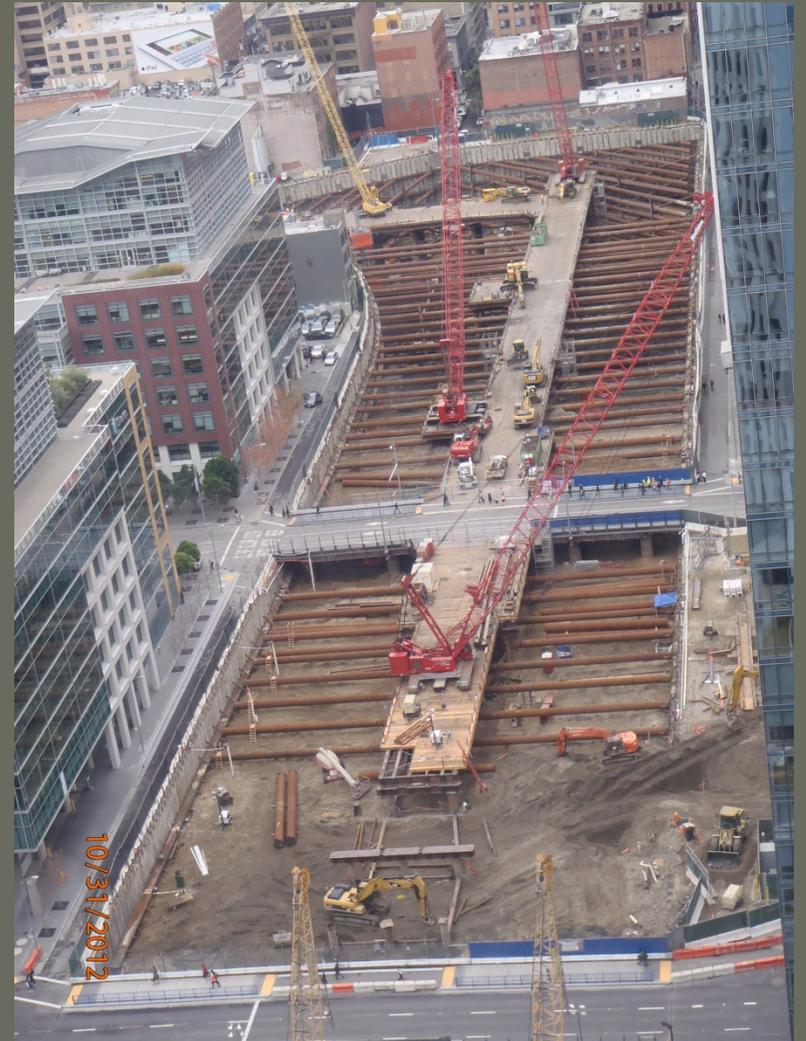


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Central and West Sections Progress



Early October 2012

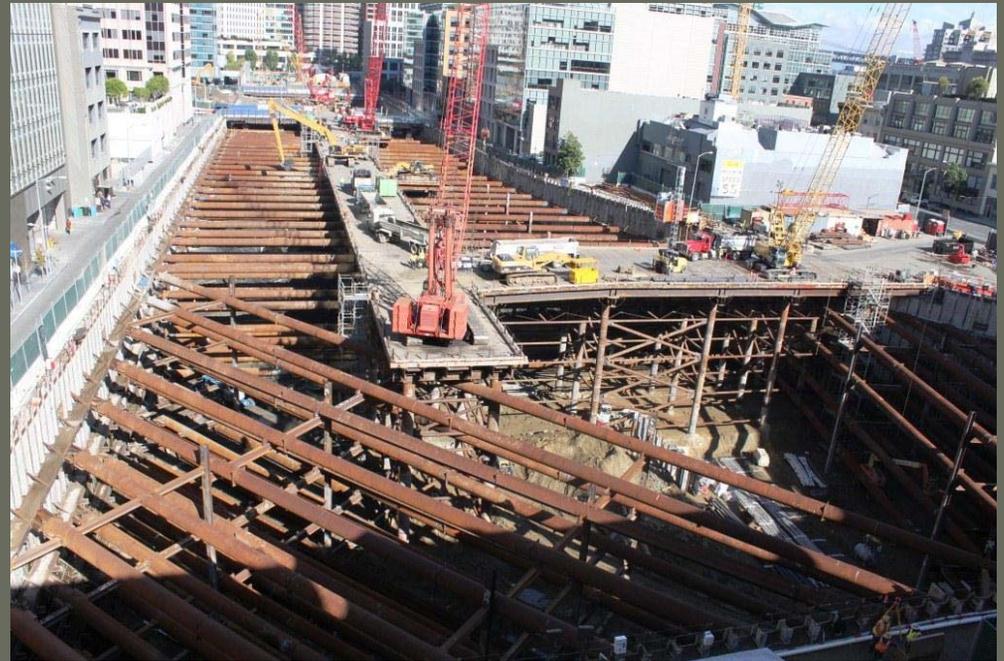


End of October 2012



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Internal Bracing – Zones 1 and 2





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Excavation – Zone 1





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Excavation – Zone 1 Micropile Installation





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Excavation and Bracing – Zones 1 and 2





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Excavation Under First Street Bridge





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Access Trestle and Excavation – Zone 3





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Excavation – Zone 3



Dewatering Well Installation Zone 3

Demolition East End of Zone 3





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East Section Progress



Early October 2012

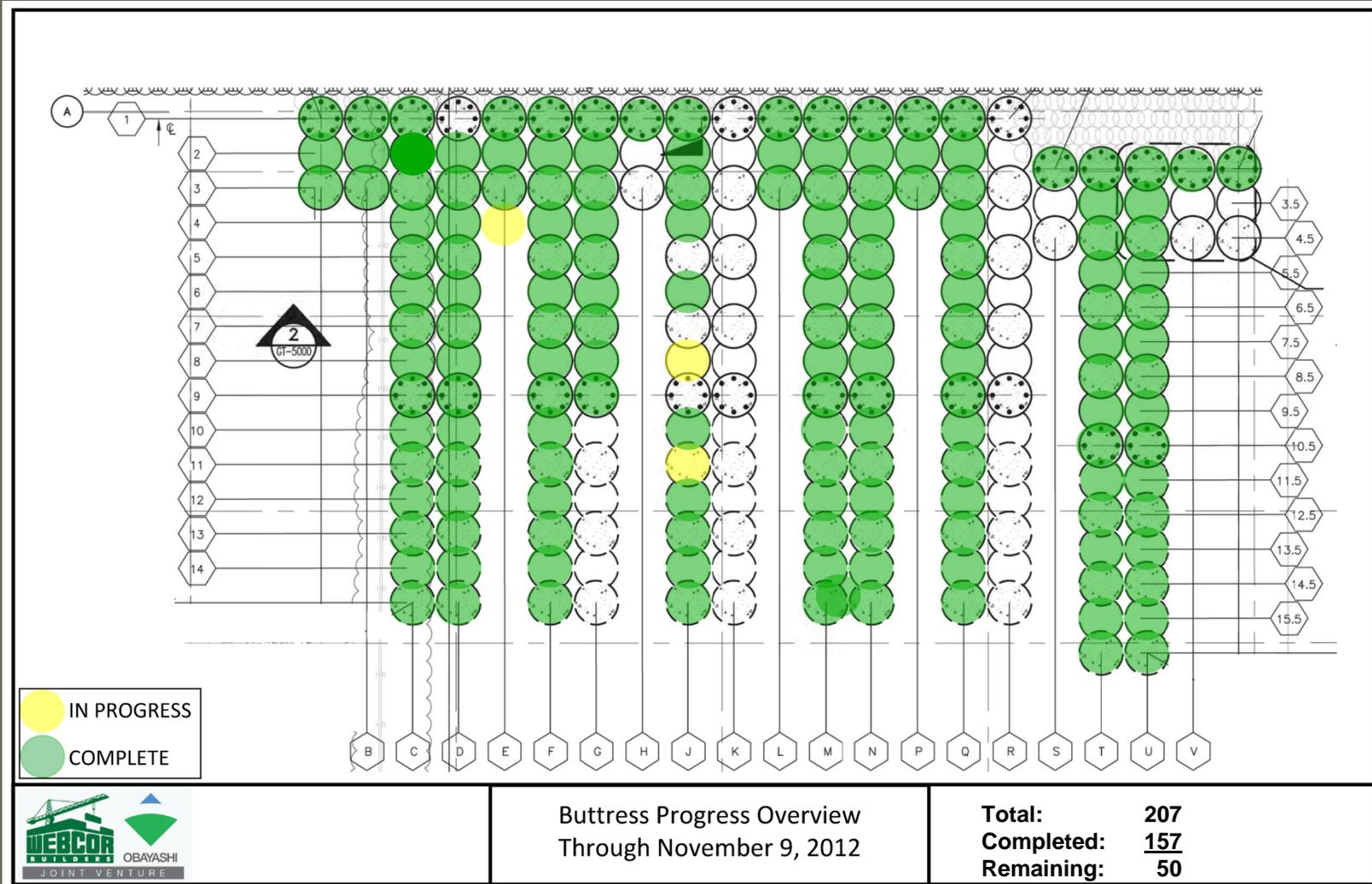


End of October 2012



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Buttress Progress

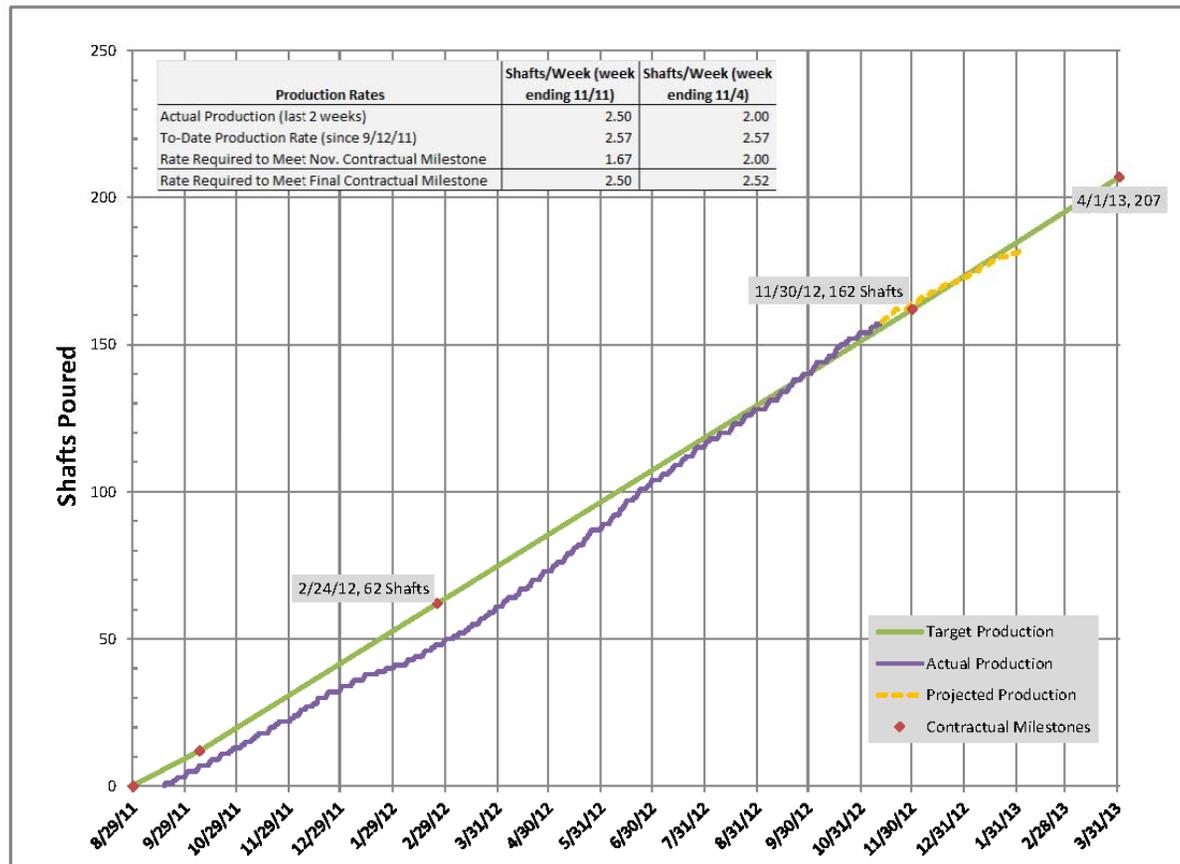




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Buttress Progress

Buttress Shaft Production (through 207 total shafts)



Date: 11/13/2012



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Buttress Progress



Quality Assurance Coring

Ongoing Buttress Operations





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Utility Relocation - AWSS Installation Update





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Giants Win the Series...





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Transit Center Construction Budget Status



Direct Construction Cost by Trade Package

TRANSBAY TRANSIT CENTER PROGRAM

Reporting Period 105 : Ending 9/30/12

Trade Package ID And Description	Baseline Budget	Budget Xfer/Changes	Current Budget	Committed To Date	Current EAC	Actual This Month	Actual To Date	Actual To Date %
TBD To Be Determined	576,937,434	-37,088,627.59	539,848,806	0	539,848,806	0	0	0%
TG019.1 TG019.1 - 301 Mission Screen Wall (Transworld Construction)	717,883	31,849.00	749,732	749,733	749,732	0	749,733	100.00%
TG03 TG03: TCB - Buttress, Shoring and Excavation (Balfour Beatty)	202,605,658	27,423,640.00	230,029,298	235,700,008	230,029,298	9,125,034	142,561,094	60.48%
TG04.1 TG04.1: UR - Natoma/Fremont Water/Sewer (M Squared)	2,653,064	-125,516.81	2,527,547	2,732,699	2,527,547	-6,925	2,527,548	92.49%
TG04.2 TG04.2: UR - Mission St. AWSS (5,810,340	370,169.00	6,180,509	5,958,775	6,180,509	339,165	2,938,761	49.32%
TG04.3 TG04.3: UR - Howard/First/Beale Water (M Squared)	1,838,318	-46,137.00	1,792,181	1,792,180	1,792,181	0	1,792,180	100.00%
TG04.4 TG04.4: UR - Natoma/First Sts Water & Sewer (M Squared)	2,288,430	182,729.27	2,471,159	2,471,159	2,471,159	0	2,460,339	99.56%
TG04.5.1 TG04.5.1: UR & Joint Trench - Minna St (Trinet Construction)	5,189,597	-395.51	5,189,201	5,189,201	5,189,201	0	5,189,202	100.00%
TG04.6 TG04.6: UR - Beale St. Sewer (M Squared)	1,993,044	37,420.58	2,030,465	2,030,464	2,030,465	52,174	1,912,059	94.17%
TG05.1 TG05.1 - Survey & Control (Chaudhary)	1,352,500	0.00	1,352,500	1,352,500	1,352,500	0	223,823	16.55%
TG05.2 TG05.2 - Temporary Power (Bass Electric)	703,300	0.00	703,300	703,300	703,300	0	632,970	90.00%
TG05.4 TG05.4 Traffic Control Services (Sandis)	2,164,000	11,099.75	2,175,094	2,175,094	2,175,094	8,286	218,341	10.04%
TG05.7 TG05.7 - Site Maintenance Services (Clipper)	5,951,000	13,001.31	5,964,001	5,964,001	5,964,001	32,295	351,622	5.90%
TG06.0 TG06.0 - Below Grade Structure (Shimmick)	120,936,114	0.00	120,936,114	6,492,000	120,936,114	0	0	0.00%
TG06.1 TG06.1 - Geothermal Loop (S3H)	1,808,836	0.00	1,808,836	1,808,836	1,808,836	0	0	0.00%
TG06.2 TG06.2 - Grounding System (Bay Area Systems)	182,347	0.00	182,347	182,347	182,347	0	0	0.00%
Report Totals	933,131,865	-9,190,774	923,941,091	275,302,298	923,941,091	9,550,029	161,557,672	58.68%





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Bay Area Labor – Trade Packages

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

550,243 Craft Hours

- To date, Bay Area Labor has contributed 346,022 hours, or 63% of the total Craft Hours.



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Bay Area Regional Labor Breakdown

Labor by Area	Through October 2012	
Location	Total Hours Completed	Hours Percent
East Bay (Alameda, Contra Costa, Solano)	162,248	29.5%
North Bay (Marin, Napa, Sonoma)	14,802	3%
South Bay (San Mateo, Santa Clara)	57,722	10.5%
San Francisco	111,251	20%
Other*	204,222	37%
Totals	550,243	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.



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Labor Breakdown by Trade through October 2012

Classification	TTC Building and RUP's*
Inspectors – Soils / Material Test	35
Carpenters and Related Trades	31
Cement Mason	13
Electrical – Utility Lineman	19
Electrician	20
Field Surveyor	16
Iron Worker	52
Laborer and Related Trades	398
Operating Engineer	242
Pile Drivers	98
Roofer	2
Sheet Metal	5
Teamsters	118
Tile Setters / Finishers	7
Totals	1,056

* Relocation of Utilities Project



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Questions?