



Construction Update

October 11, 2012

Transbay Transit Center

TJPA





Transbay Transit Center

Period Summary

- There were no recordable incidents or significant near misses during September.
- The BSE Contractor has completed 140 buttress shafts through 9/30/12, a total of 12 since our last update. They continue to maintain an average of 3 shafts per week.
- Mass excavation continued in Zones 1, 2 and 3.
- There have been over 490,000 craft hours completed to date, over 60,000 completed since the last update.
- The installation of the bracing continued in Zones 1 and 2 with struts installed in Zone 1 at levels A, B, C and D. In Zone 2 struts are in progress at the A and B levels.



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Period Summary

- The Below Grade Structure Package bids were received on September 14th.
- Construction continued this period on RUP 4.2, the AWSS. Work has been completed on Howard Street and continues on Mission Street.
- Zones 1 and 2 access trestle is fully operational and connected to First Street. All support piles for the Zone 3 access trestle are complete and the trestle deck is connected to First Street and about 30% complete.
- Bottomed out the excavation in the southwest section of Zone 1 and started the micropile test program.



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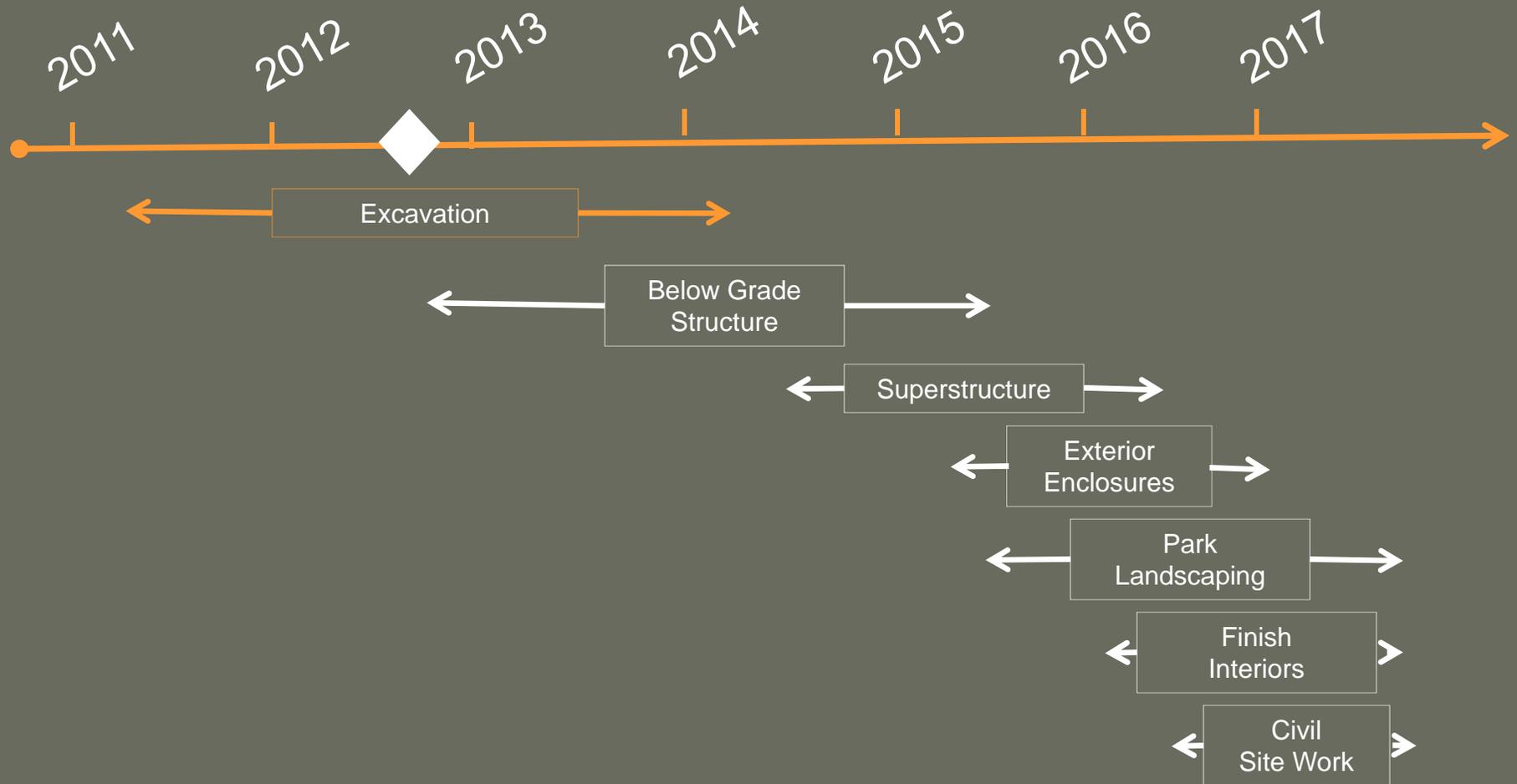
The Next 90 Days

- 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 the micropile test program in Zone 1 and begin the micropile production program.
- Installation of the Beale Street traffic bridge, originally scheduled for Veteran's Day weekend, has been postponed to the first quarter of 2013. This will have no schedule impact.
- Continue Buttress Shaft work in Zone 4, next milestone is for the contractor to complete a total of 162 shafts by November 30th (an additional 22 shafts in the next 60 days).



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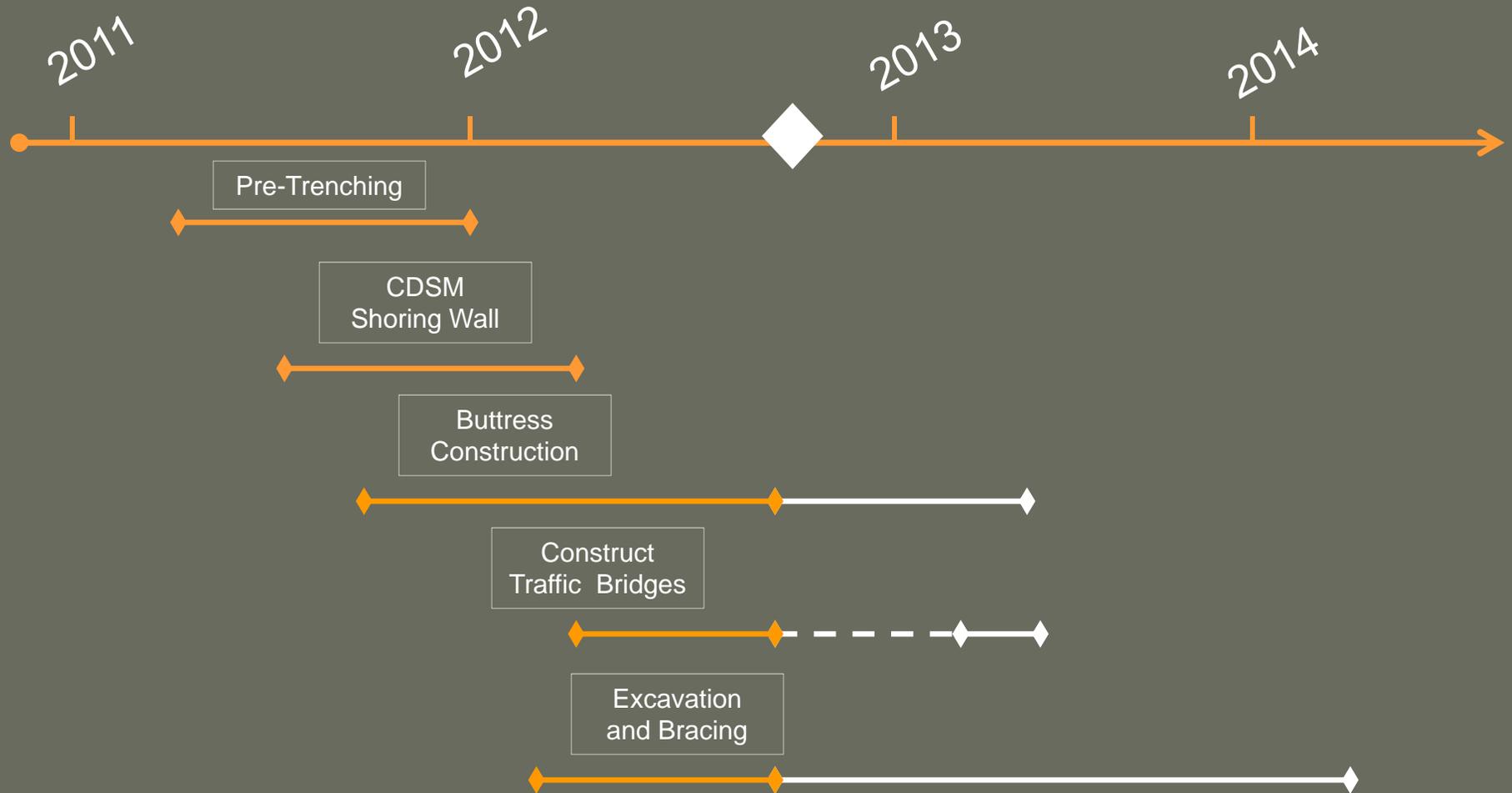
Construction Timeline Summary





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BSE Timeline Summary





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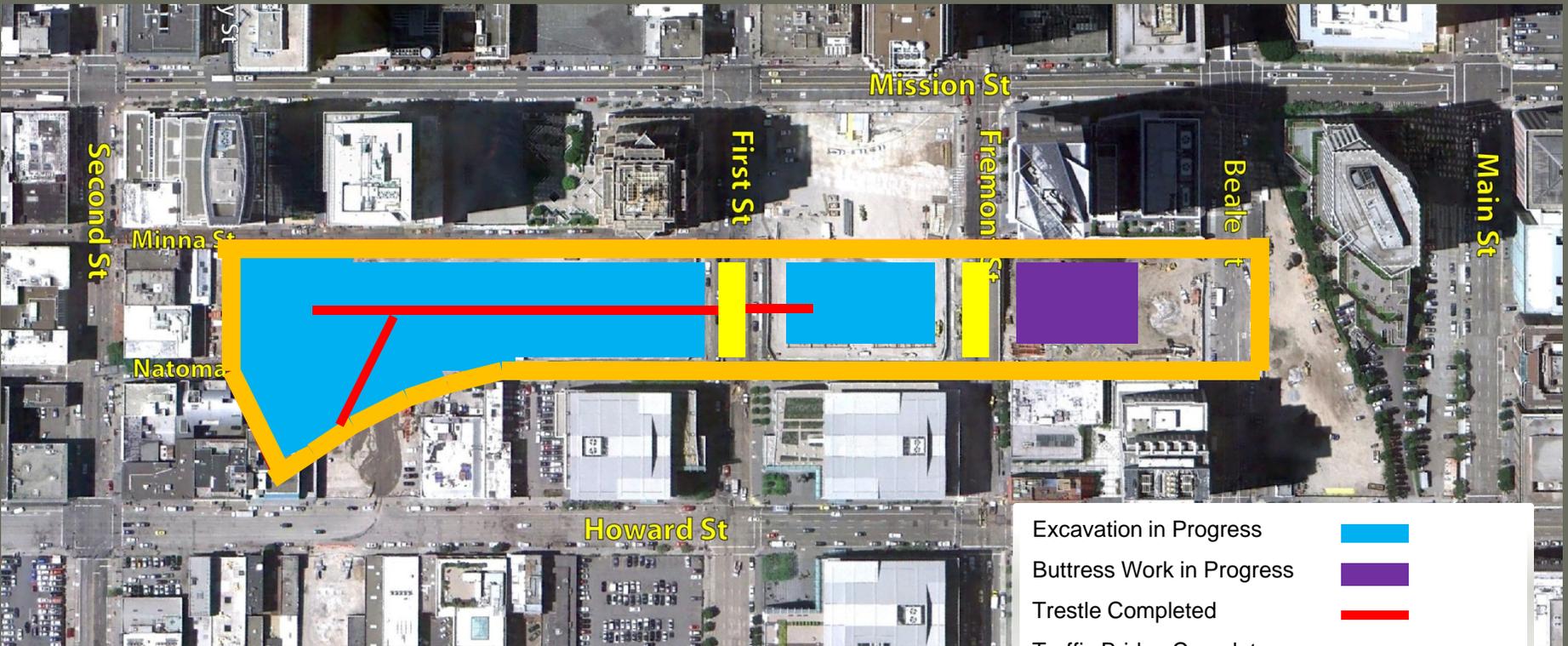
October 8, 2012 Site Status

2011

2012

2013

2014

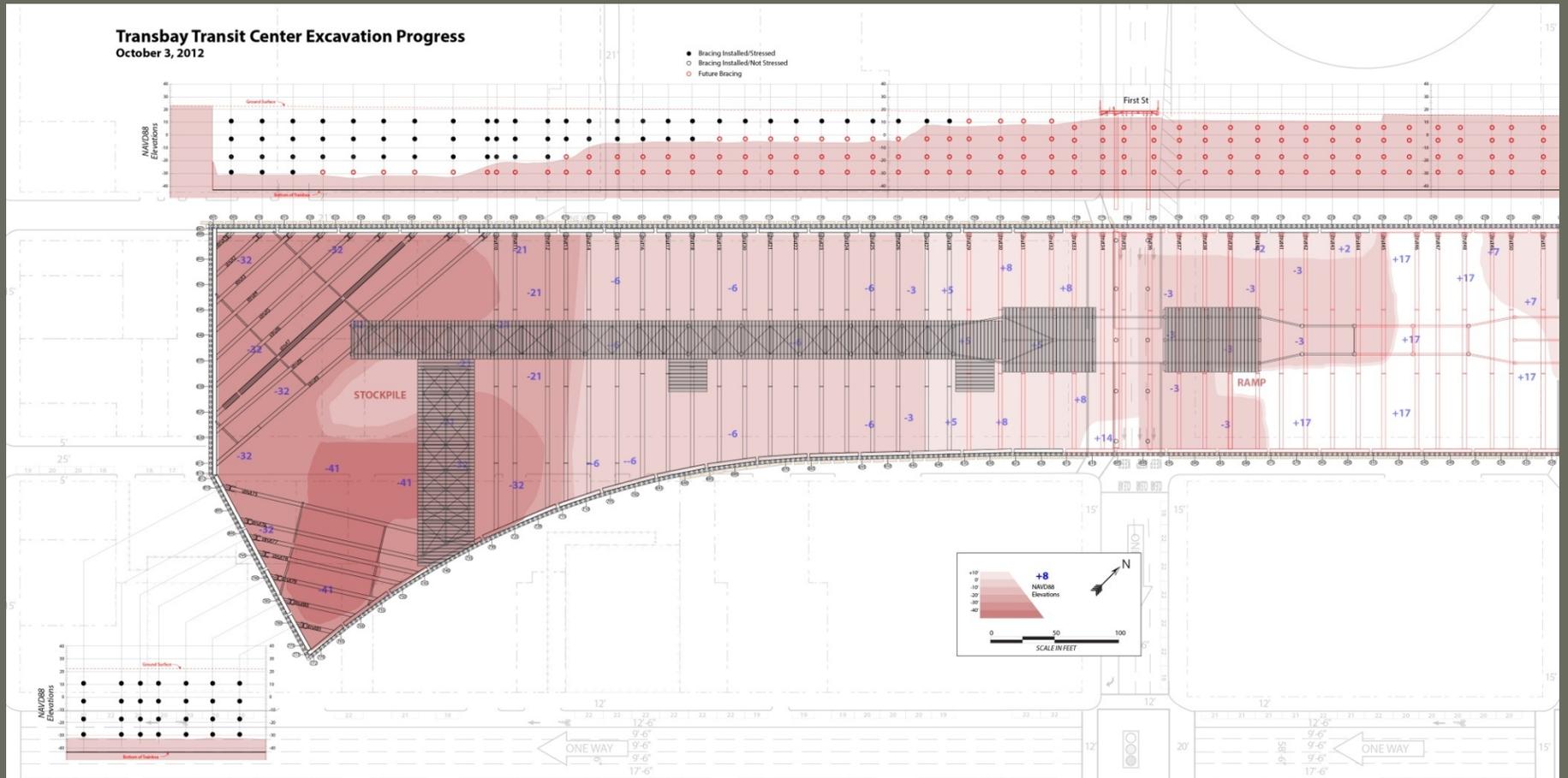




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Excavation and Bracing Status

Transbay Transit Center Excavation Progress
October 3, 2012





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Central and West Sections Progress



Early September 2012



Early October 2012



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Excavation – Zone 1 “Bottomed Out”





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Excavation – Zone 1 Start of Micropiles





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Internal Bracing and Excavation – Zones 1 and 2





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Internal Bracing and Excavation – Zones 1 and 2





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Access Trestle and Excavation – Zone 3





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Access Trestle and Excavation – Zone 3





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East Section Progress



Early September 2012



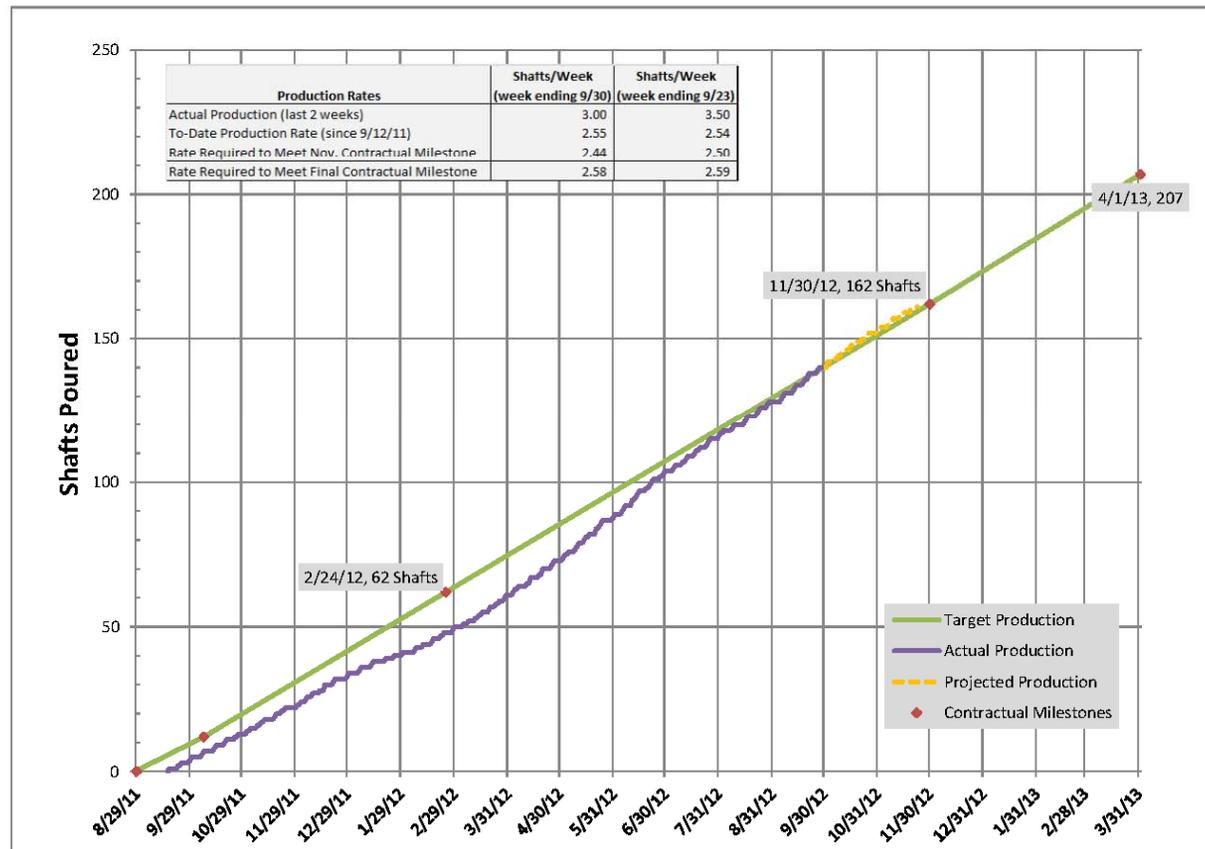
Early October 2012



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Buttress Progress

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Buttress Shaft Production

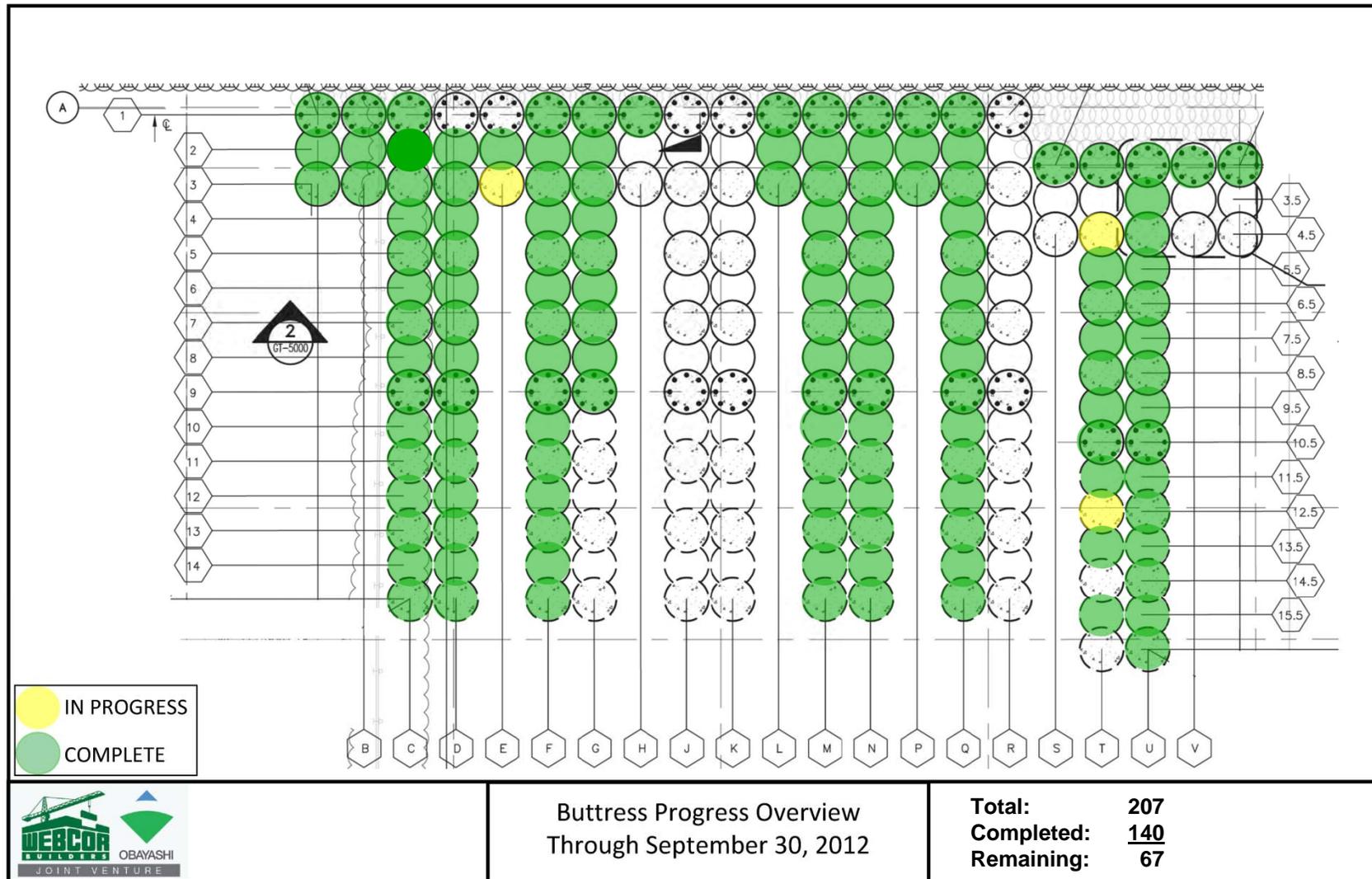


Date: 10/1/2012



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Buttress Progress





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Buttress Progress





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Utility Relocation - AWSS Installation Update





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Special Event “Beavers” Student Group Visit

- 2012 Beavers Student Day Event.
- 100 Students from schools throughout California.
- The Beavers promote goodwill, friendliness and consideration within the heavy engineering construction industry.
- Project Presentation and Jobsite Tour on Friday, October 5th.





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Special Event “Beavers” Student Group Visit





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Transit Center Construction Budget Status

Trade Package ID And Description	Baseline Budget	Budget Xfer/ Changes	Current Budget	Committed To Date	Actual To Date
To Be Awarded	\$ 697,873,548	\$ (35,252,742)	\$ 662,620,806	\$ -	\$ -
TG019.1- 301Mission Screen Wall (Transworld	\$ 717,883	\$ 31849	\$ 749,732	\$ 749,733	\$ 749,733
TG03: TCB - Buttress, Shoring and Excavation	\$ 202,605,658	\$ 27,423,640	\$ 230,029,298	\$ 235,700,008	\$ 133,435,472
TG04.1 UR - Natoma/Fremont Water/Sewer (M	\$ 2,653,064	\$ 79,634	\$ 2,732,698	\$ 2,732,699	\$ 2,534,472
TG04.2: UR - Mission St. AWSS	\$ 5,810,340	\$ 81249	\$ 5,891,589	\$ 5,886,080	\$ 2,599,597
TG04.3: UR - Howard/First/Beale Water (M Squared)	\$ 1,838,318	\$ 29,943	\$ 1,868,261	\$ 1,792,180	\$ 1,792,180
TG04.4: UR - Natoma/First Sts Water & Sewer (M	\$ 2,288,430	\$ 182,729	\$ 2,471,159	\$ 2,471,159	\$ 2,460,339
TG04.5.1: UR & Joint Trench - Minna St (Trinet	\$ 5,189,597	\$ (396)	\$ 5,189,201	\$ 5,189,201	\$ 5,189,214
TG04.6: UR - Beale St. Sewer (M Squared)	\$ 1,993,044	\$ 28,527	\$ 2,021,571	\$ 2,021,570	\$ 1,859,885
TG05.1- Survey & Control (Chaudhary)	\$ 1,352,500	\$ -	\$ 1,352,500	\$ 1,352,500	\$ 223,823
TG05.2 - Temporary Power (Bass Electric)	\$ 703,300	\$ -	\$ 703,300	\$ 703,300	\$ 632,970
TG05.4 Traffic Control Services (Sandis)	\$ 2,164,000	\$ -	\$ 2,164,000	\$ 2,164,000	\$ 210,156
TG05.7 - Site Maintenance Services (Clipper)	\$ 5,951,000	\$ -	\$ 5,951,000	\$ 5,951,000	\$ 323,689
TG06.1- Geothermal Loop (S3H)	\$ 1,808,836	\$ -	\$ 1,808,836	\$ 1,808,836	\$ -
TG06.2 - Grounding System (Bay Area Systems)	\$ 182,347	\$ -	\$ 182,347	\$ 182,347	\$ -
Report Totals	\$ 933,131,865	\$ (7,395,566)	\$ 925,736,299	\$ 268,704,614	\$ 152,011,530



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Bay Area Labor – Trade Packages

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

496,201 Craft Hours

- To date, Bay Area Labor has contributed 312,627 hours, or 63% of the total Craft Hours.



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Bay Area Regional Labor Breakdown

Labor by Area	Through August 2012	
Location	Total Hours Completed	Hours Percent
East Bay (Alameda, Contra Costa, Solano)	145,654	29%
North Bay (Marin, Napa, Sonoma)	13,397	3%
South Bay (San Mateo, Santa Clara)	51,242	10%
San Francisco	102,336	21%
Other*	183,572	37%
Totals	496,201	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 September 2012

Classification	TTC Building and RUP's*
Inspectors – Soils / Material Test	35
Carpenters and Related Trades	28
Cement Mason	13
Electrical – Utility Lineman	17
Electrician	16
Field Surveyor	13
Iron Worker	52
Laborer and Related Trades	376
Operating Engineer	237
Pile Drivers	93
Roofer	2
Sheet Metal	5
Teamsters	112
Tile Setters / Finishers	7
Totals	1,006

* Relocation of Utilities Project



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Questions?