



Bus Ramps Public Outreach Presentation

September 10, 2014
Transbay Transit Center







Bus Ramp Team

CM/GC:

Contractor:

Construction

Oversight:

Owner:

Webcor -Obayashi

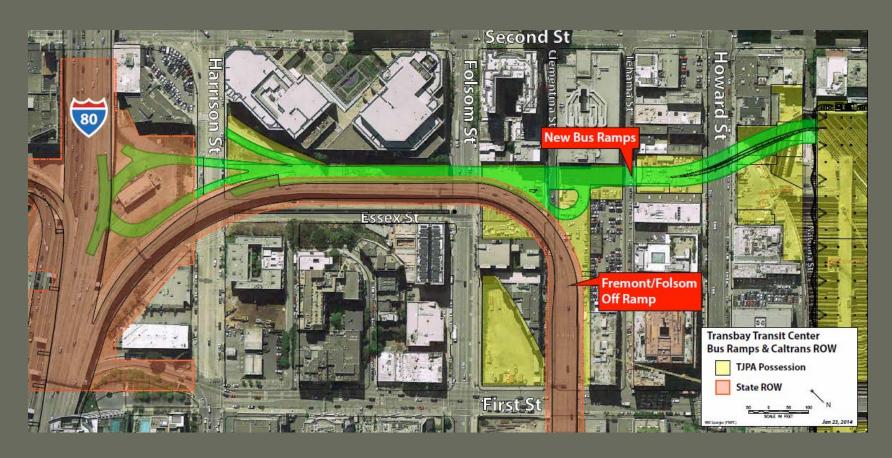
Shimmick Construction

Turner Construction

TJPA

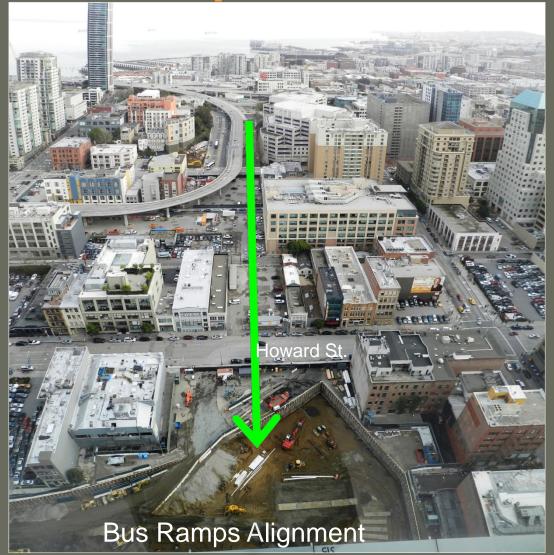


Bus Ramp Scope of Work



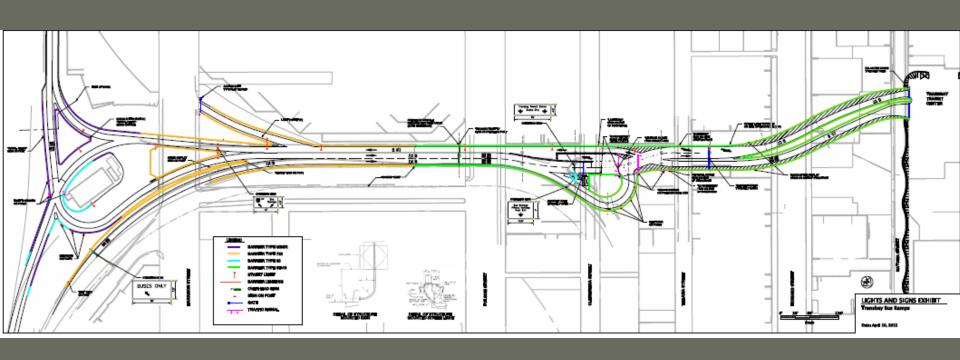


Bus Ramp Project Scope of Work





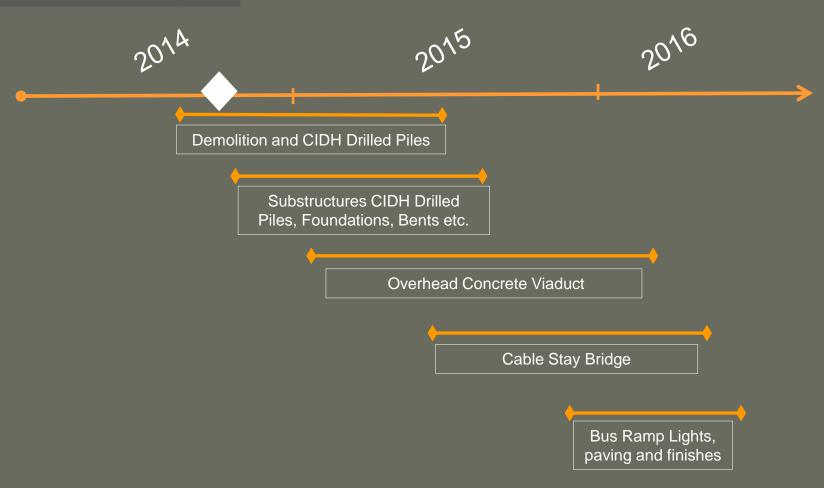
Bus Ramp Scope of Work



Bus Ramps Overall Site Plan

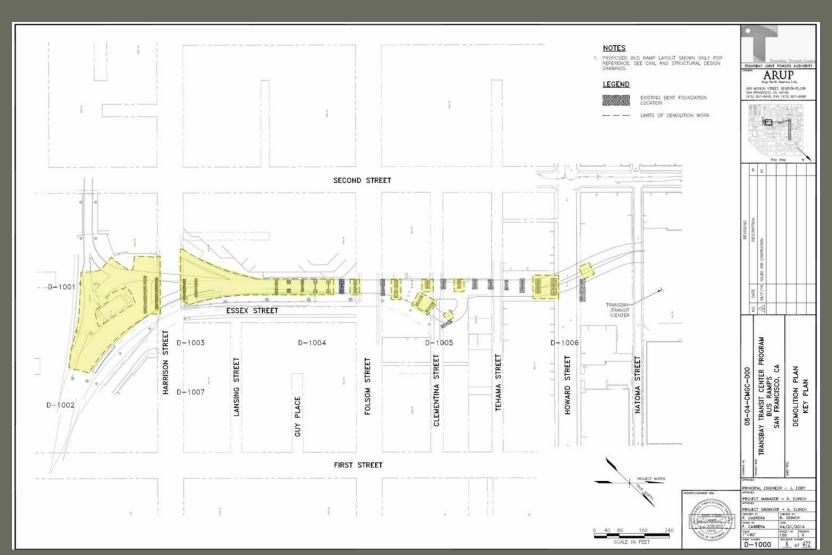
Transbay Transit Center

Bus Ramp Timeline Summary



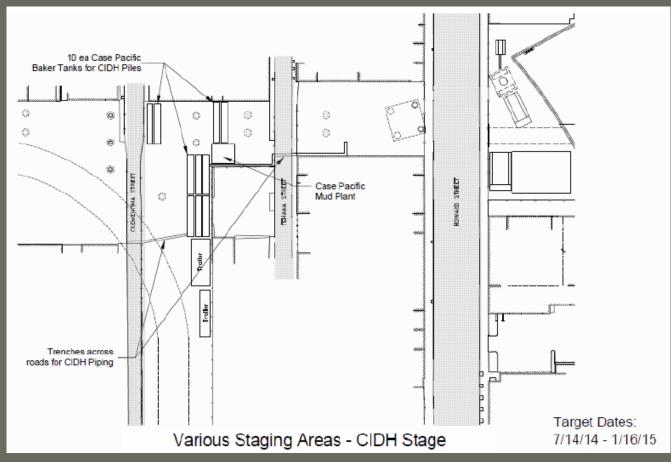


Bus Ramp Demolition





CIDH Pile Equipment Staging



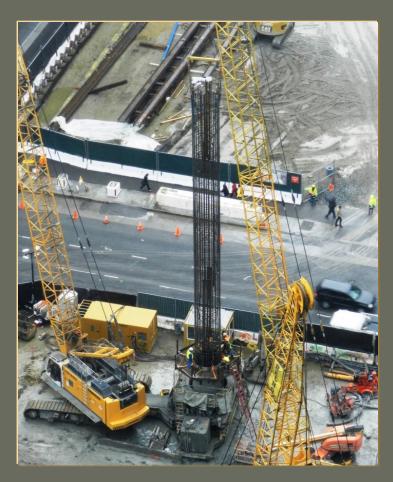
- (17) CIDH piles
- 8 ft. & 9 ft. diameters
- Length 65-150 ft.



CIDH Pile Installation

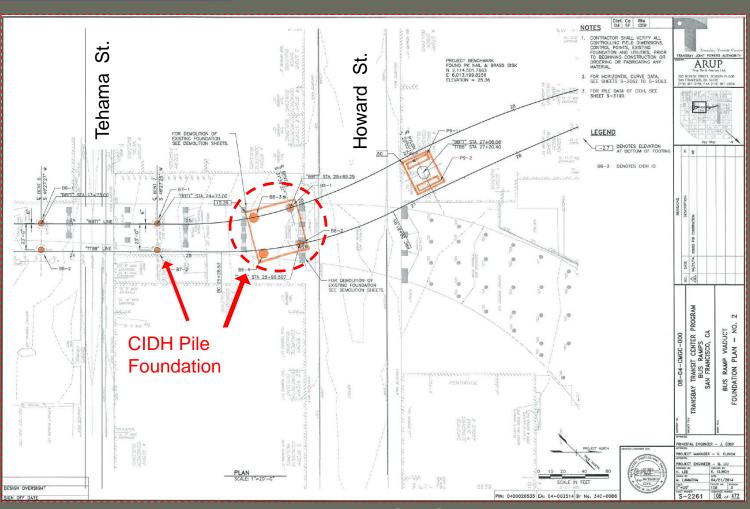


CIDH starter casing installation

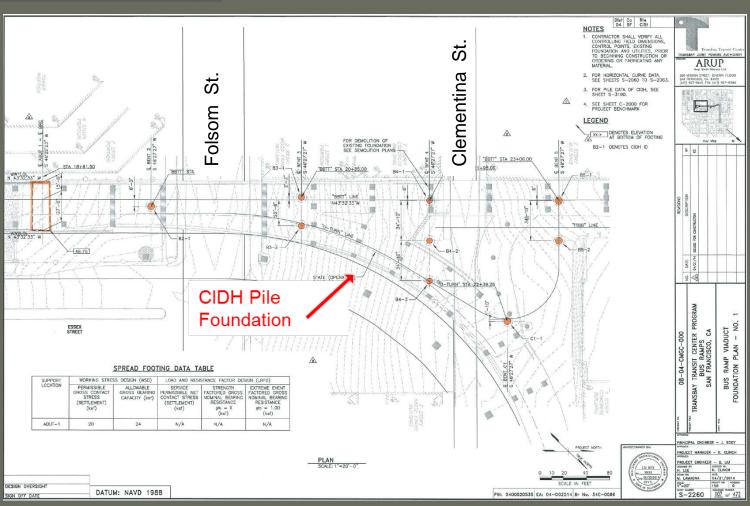


CIDH rebar cage installation

New CIDH Piles



New CIDH Piles





Cast In Drilled Hole (CIDH) Piles

Bus Ramp Construction - Cast In Drilled Hole Piles					
Lot	Location	CIDH Piles Qty.	Typ. 9 foot diameter- Pile Depth	Target Start Date	Target End Date
н	Clementina -Tehama	5	90-100 ft.	10/1/2014	10/27/2014
-1	Clementina -Folsom	5	<u>75-100 ft.</u>	10/28/2014	11/30/2014
Α	Folsom- Harrison	1	<u><</u> 65 ft.	12/1/2014	12/7/2014
G	Tehama-Howard	6	120-150 ft.	12/8/2014	1/18/2015



Bus Ramp Project Underground Construction Hours

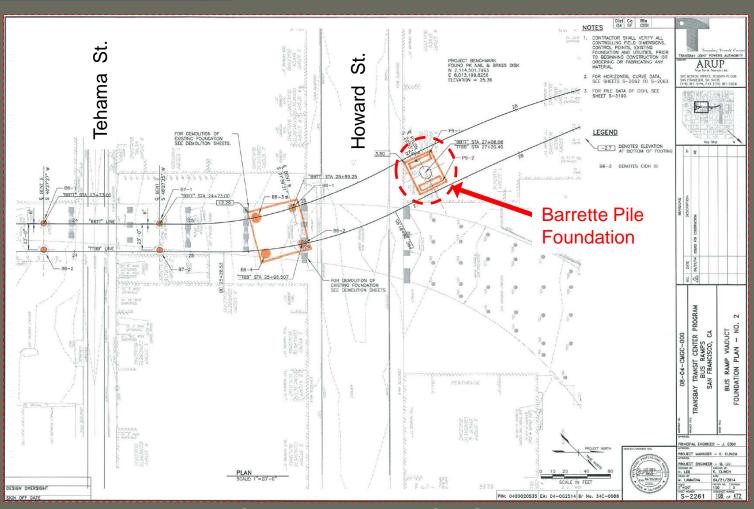
Permitted Hours of Demolition:

Monday - Friday 13 Hours per day Saturday 7AM - 8PM No Sunday.

Permitted Hours of CIDH Piers

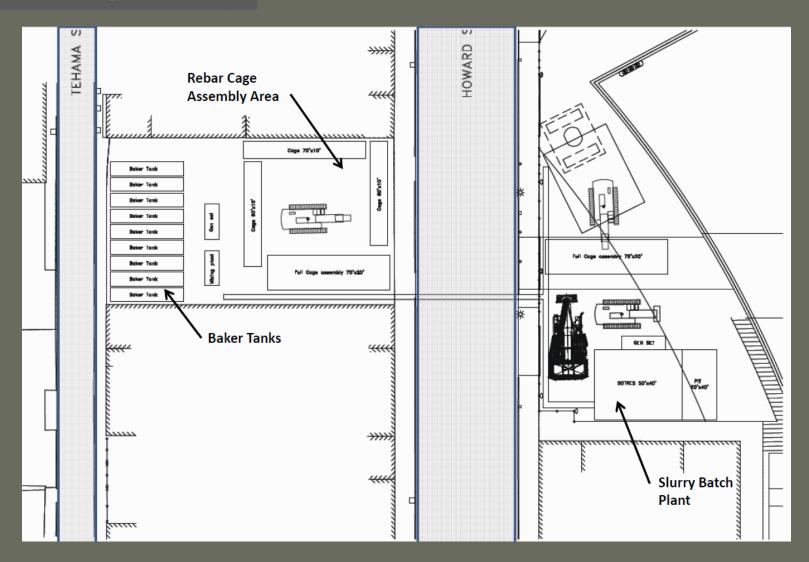
Monday - Friday : 24 Hours per day Saturday 7AM - 11PM No Sunday.

Bridge Pylon 9 (2) Barrette Piles



Tehama St. and Howard St. Overcrossings

Barrette Pile Equipment Howard and Tehama St.





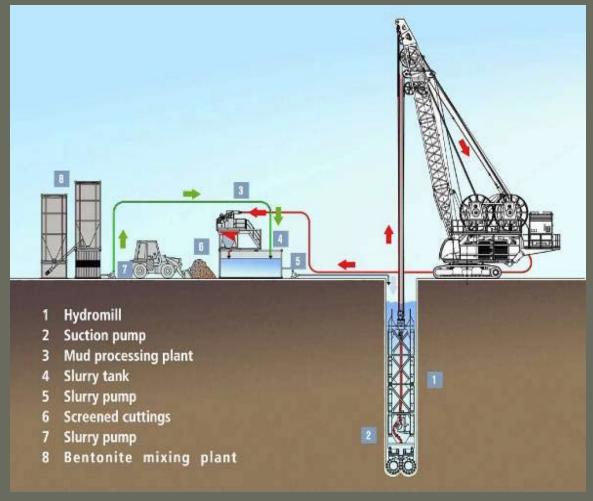
Bridge Pylon 9 Barrette Pile Installation



Excavation



Bridge Pylon 9 Barrette Pile Installation

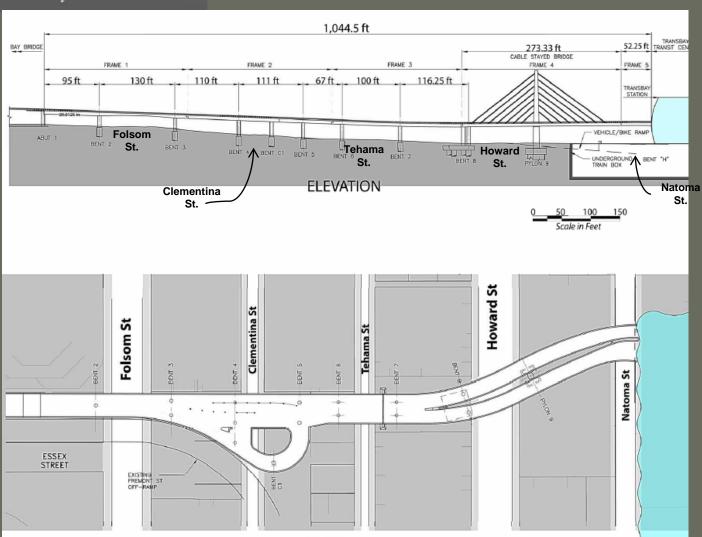




Bus Ramp Concrete Viaduct



Bus Ramp Concrete Viaduct





Bus Ramp Overcrossing Viaduct Falsework



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Concrete Viaduct and Overcrossings

Bay Bridge off-ramp to Transbay Transit Center :

- 1. Tehama Overcrossing (Frame 3): Dec. 2014 June 2015
- 2. Clementina Overcross (Frame 2): April 2015 Feb. 2016
- 3. Bay Bridge Off-ramp (Essex): May 2015 Dec. 2015
- 4. Folsom St. Overcross (Frame 1): Sept. 2015 Feb. 2016
- 5. Howard St. Superstructure (Frame 4): Dec. 2014 Feb. 2016
- 6. Connection to Transit Center(Frame 5): Jan. 2016 –May. 2016



Bus Ramp Project Construction Hours

Permitted Hours of Demolition:

Monday - Friday 13 Hours per day Saturday 7AM - 8PM No Sunday.

Permitted Hours of CIDH Piers

Monday - Friday : 24 Hours per day Saturday 7AM - 11PM No Sunday.

Permitted Hours of Falsework and Viaduct Construction:

Monday - Friday Hours TBD (will require some 24 hour per day at overcrossings)
Saturday 7AM-8PM
No Sunday.

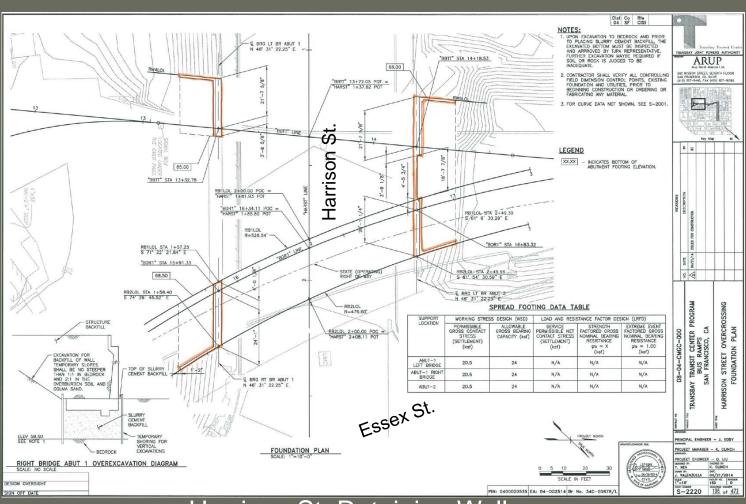


Bay Bridge/Harrison Ave Concrete Viaduct

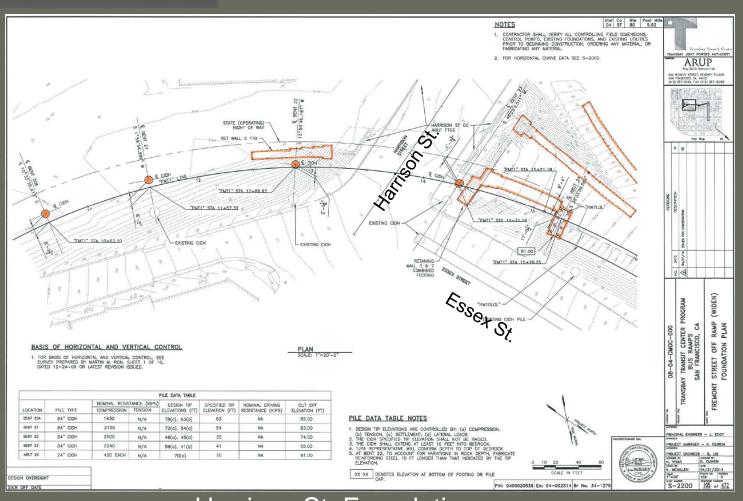
Construction Schedule Bay Bridge Off-ramp:

- Harrison St. Demolition: Oct. 2014 Dec. 2014
- CIDH Piles(3) 7 ft. diameter: Dec. 2014 Feb. 2015
- CIDH Piles (8) 24" diameter: Dec. 2014 Feb. 2015
- > Abutment Construction: Jan. 2015 May 2015
- > Harrison St. AWSS Utility Relocate: Dec. 2014–June 2015
- > Harrison St. Superstructure Viaduct: May 2015- Dec. 2015

Bus Ramp New Foundations



Bus Ramps New Foundations





Howard Street Cable Stay Bridge

Cable Stay Bridge Construction Schedule

Howard Street – Frame 4 Cable Stayed Bridge:

- Demolition: June 2014 October 2014
- Substructure: June 2014 October 2014
- Bridge Pylon 9: October 2014 June 2015
- Superstructure: December 2014 –November 2015
- Cable Installation: Sept. 2015 February 2016

Bridge Connection Frame 5 to Transit Center:

- West Connection: Jan. 2016 May 2016
- East Connection: Feb. 2016 May 2016





Cable Stayed Bridge and Green Space





Under-Ramp Park

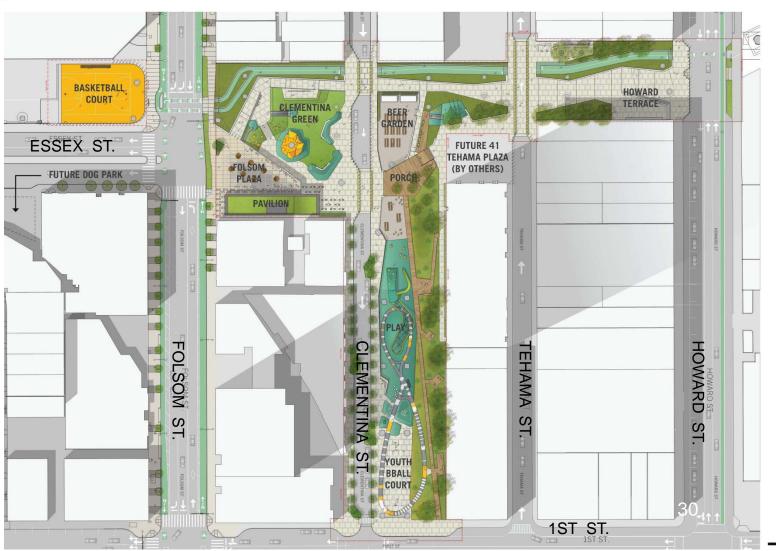
Overhead Ramps





Under-Ramp Park

Illustrative Plan



Transbay Transit Center

Questions?

Questions?

Should you have any general questions about the Transbay Transit Center Project, please call Adam Alberti or Nathan Bengtsson, Transbay Outreach Team, at: (415) 227-9700 or via e-mail at: info@transbaycenter.org.

Construction Hotline:

If you have any urgent questions regarding site-specific demolition or construction activities, please call our construction activity number: (415) 409-TJPA (8572).

Website:

Please continue to check our website for the most up to date schedule of activities at: http://transbaycenter.org/construction-updates

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