



CAC Meeting Existing Terminal and Ramps Demolition Project

8 September 2009

Transbay Transit Center

TJPA





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Demolition - Key Elements

- Two notices to proceed (NTP)
 - NTP 1 – Pre-demolition work:
 - Obtain all permits necessary to perform work
 - Department of Building Inspection
 - Street Closure Permits
 - Encroachment Permits
 - Others as required by the Contract Documents
 - Develop and submit information necessary to perform work
 - Environmental Submittals
 - Progress Schedules
 - Others as required by the Contract Documents
 - NTP 2 – Demolition work:
 - Perform physical demolition work



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Demolition - Key Elements

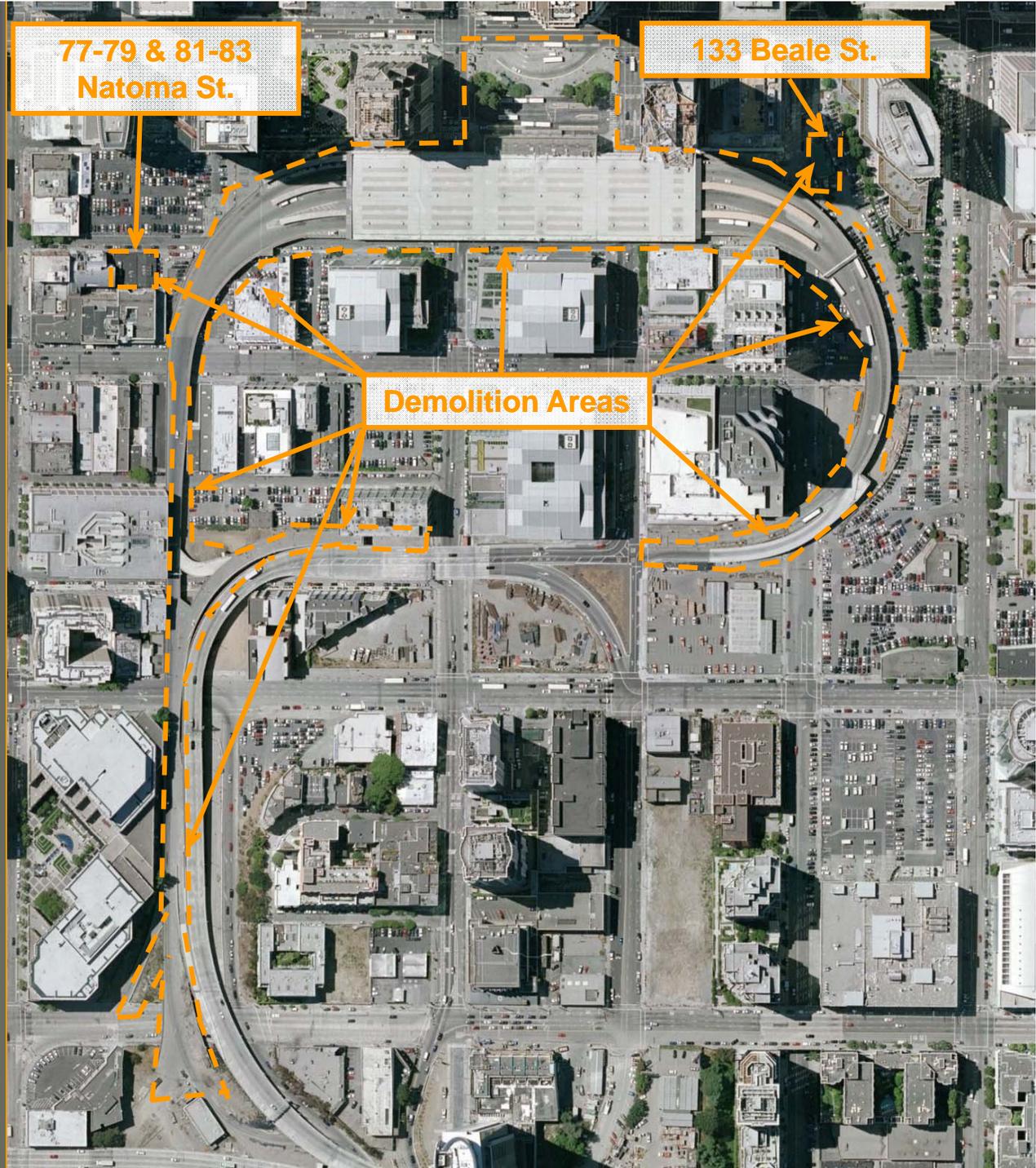
- Project ID Signage
- Demolition
 - Phasing/Sequencing
 - Roadway and Sidewalk Protection
 - Elevated Ramps
 - Traffic Control Plans
 - Existing Terminal
 - Hazard Material Abatement
 - Buildings
 - Utilities
- Salvageable Material
 - Coordination Meetings
 - Item Removal
 - Delivery
 - Storage
- Overhead Contact System (OCS)
 - Site Specific Work Plan (SSWP)
 - Coordination with Temporary Terminal Work
 - Removal Phasing/Sequencing
 - Installation Phasing/Sequencing
- Concrete Crushing
 - Staging Areas
 - Placement
- Sitework / Project Fencing
- Public Relations
 - Adjacent Buildings
 - Public Notices
 - Pre-demolition Survey



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Demolition Scope

 Limits of Work

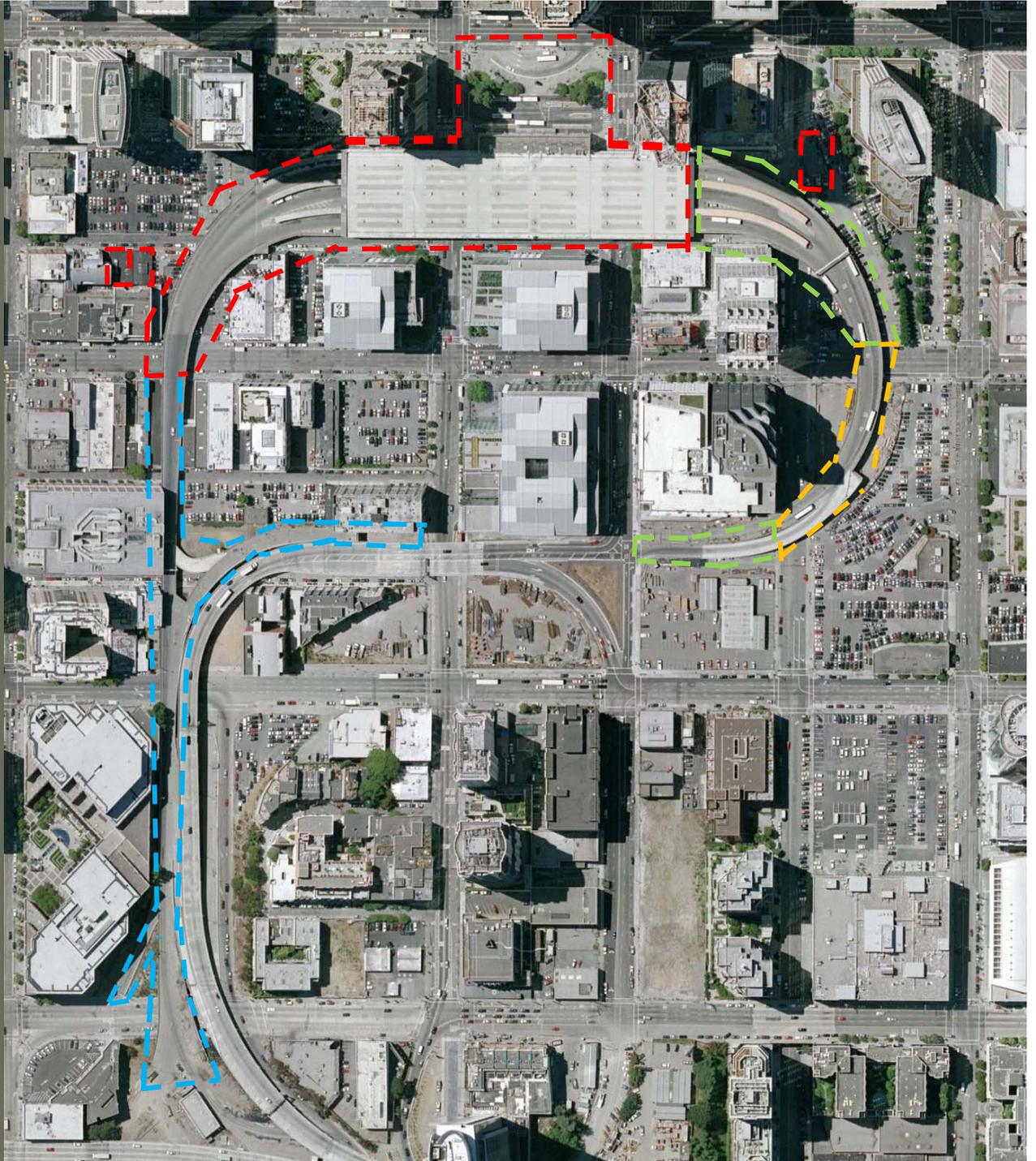




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Demolition Phasing

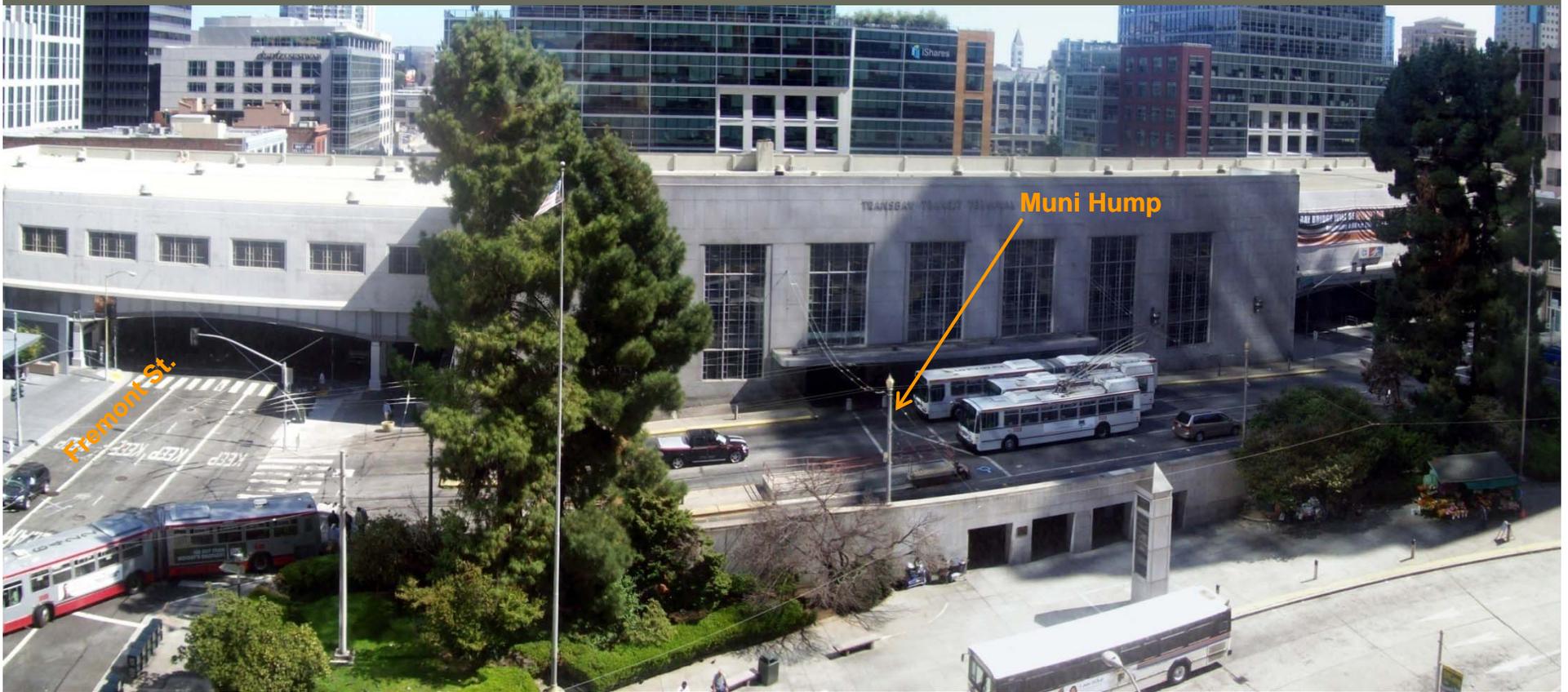
-  Phase 1
-  Phase 2
-  Phase 3
-  Phase 4





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Demolition – Terminal Building





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Demolition – Ramps

East Ramp over Howard and Beale Streets





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Demolition – Ramps

West Ramp over Natoma Street





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Mitigation Measures

- Hazardous Materials/Waste
 - Asbestos and lead paint abatement
- Noise, air quality, vibration, and other requirements as listed in the Contract Documents
- Salvageable Items
 - Removing, storing and delivering salvageable items as indicated in the Contract Documents
- Cultural and Historic Resources
 - During ground disturbing activities, Contractor to cooperate with the TJPA and TJPA archaeological consultants and implement security procedures to ensure that all exposed ground surfaces are protected from trespassing, vandalism, theft, illegal excavation, and unintended damage.

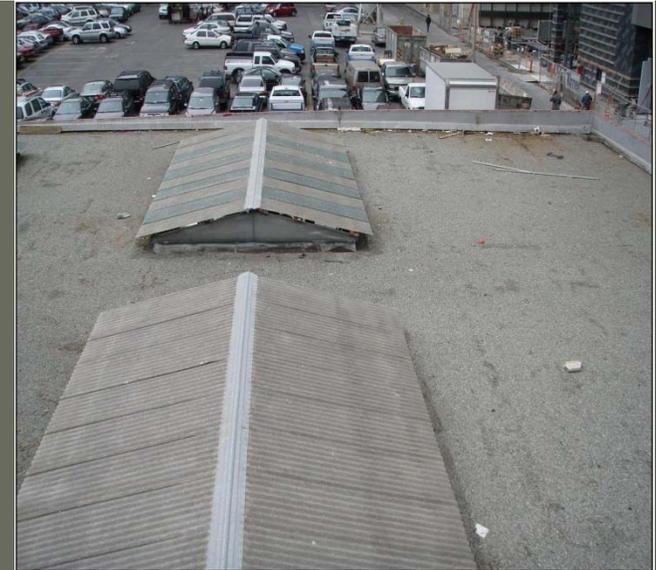


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Mitigation Measures - Hazardous Material Abatement



Transbay Terminal Roof - Asbestos Coating on Parapet



Transbay Terminal Roof - Asbestos Skylight Curb



Transbay Terminal - Restaurant Bar (Asbestos Ceiling)



Transbay Terminal Bus Deck - Asbestos Skim Coat on Wall



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Mitigation Measures Noise Monitoring





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Mitigation Measures Noise Barriers





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Mitigation Measures - Air Engineering Controls





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Mitigation Measures Dust Control



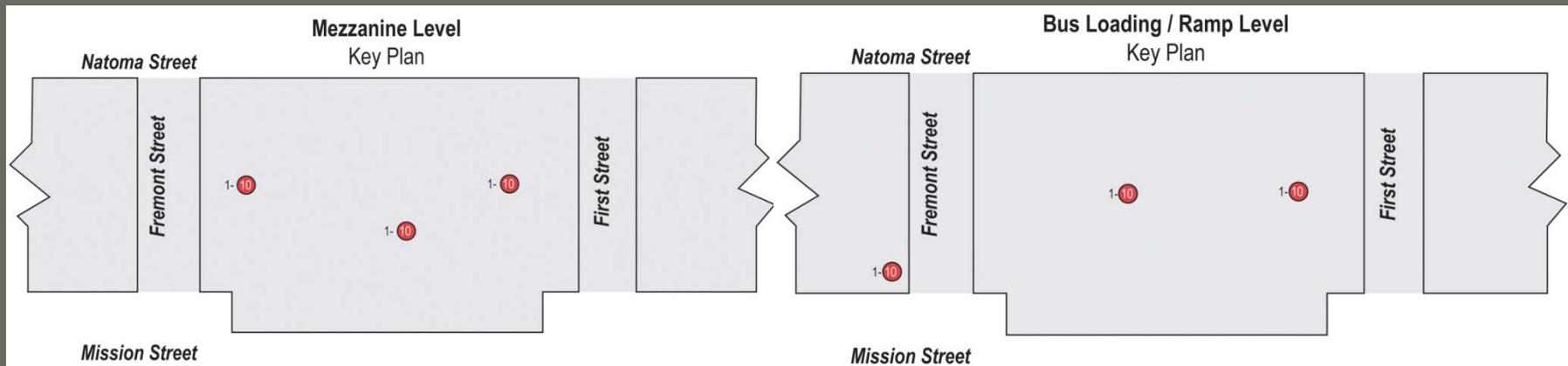


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Mitigation Measures

Salvageable Items (Brass Stair Rails)



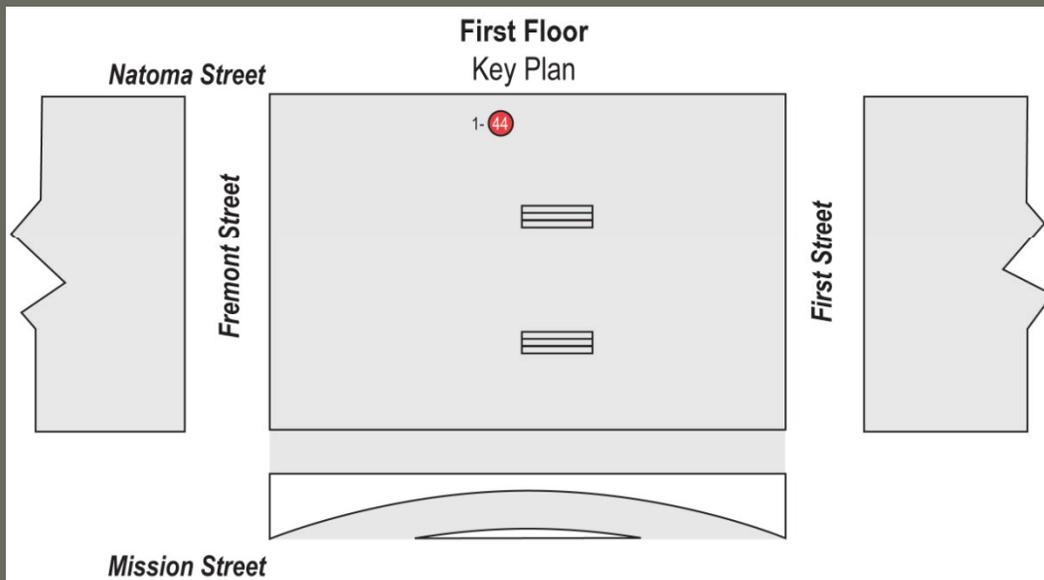


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Mitigation Measures

Salvageable Items (Shoeshine Stand and Signs)

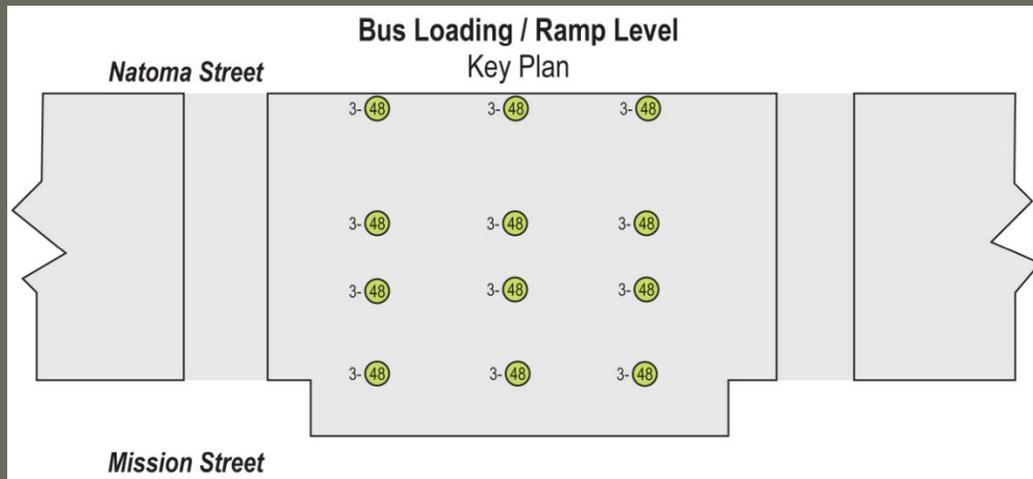




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Mitigation Measures

Salvageable Items (Red Iron Railing)



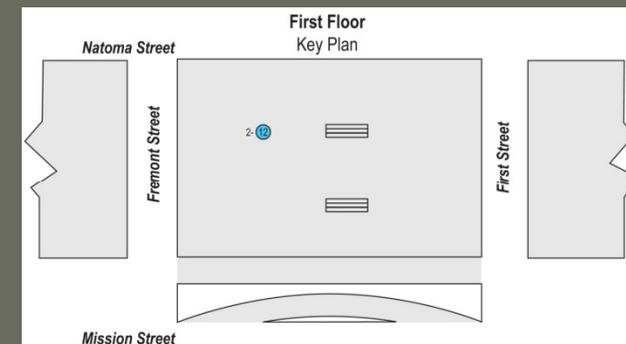
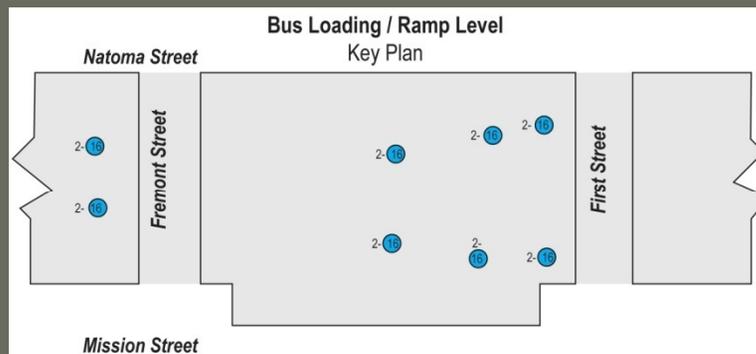
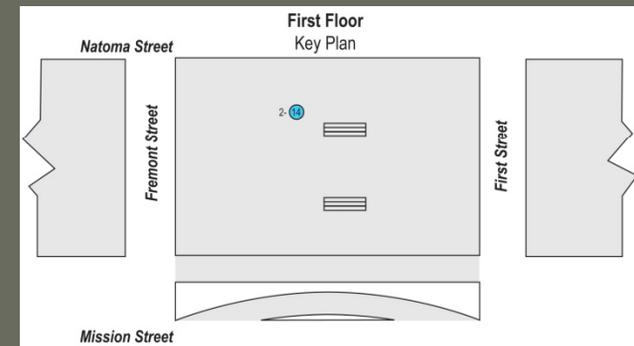
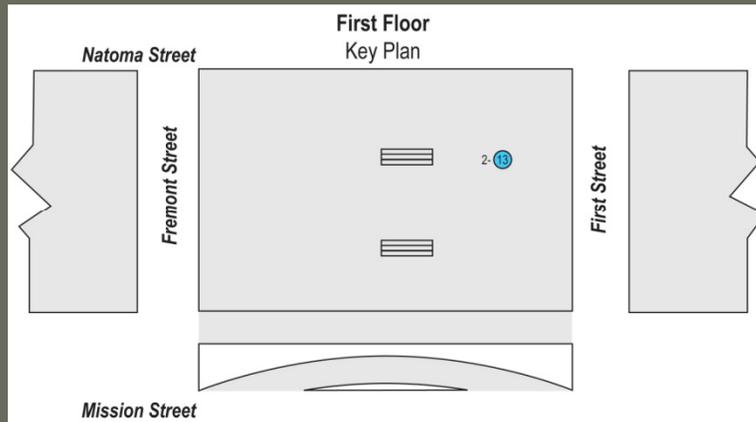


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Mitigation Measures

Salvageable Items (Benches)





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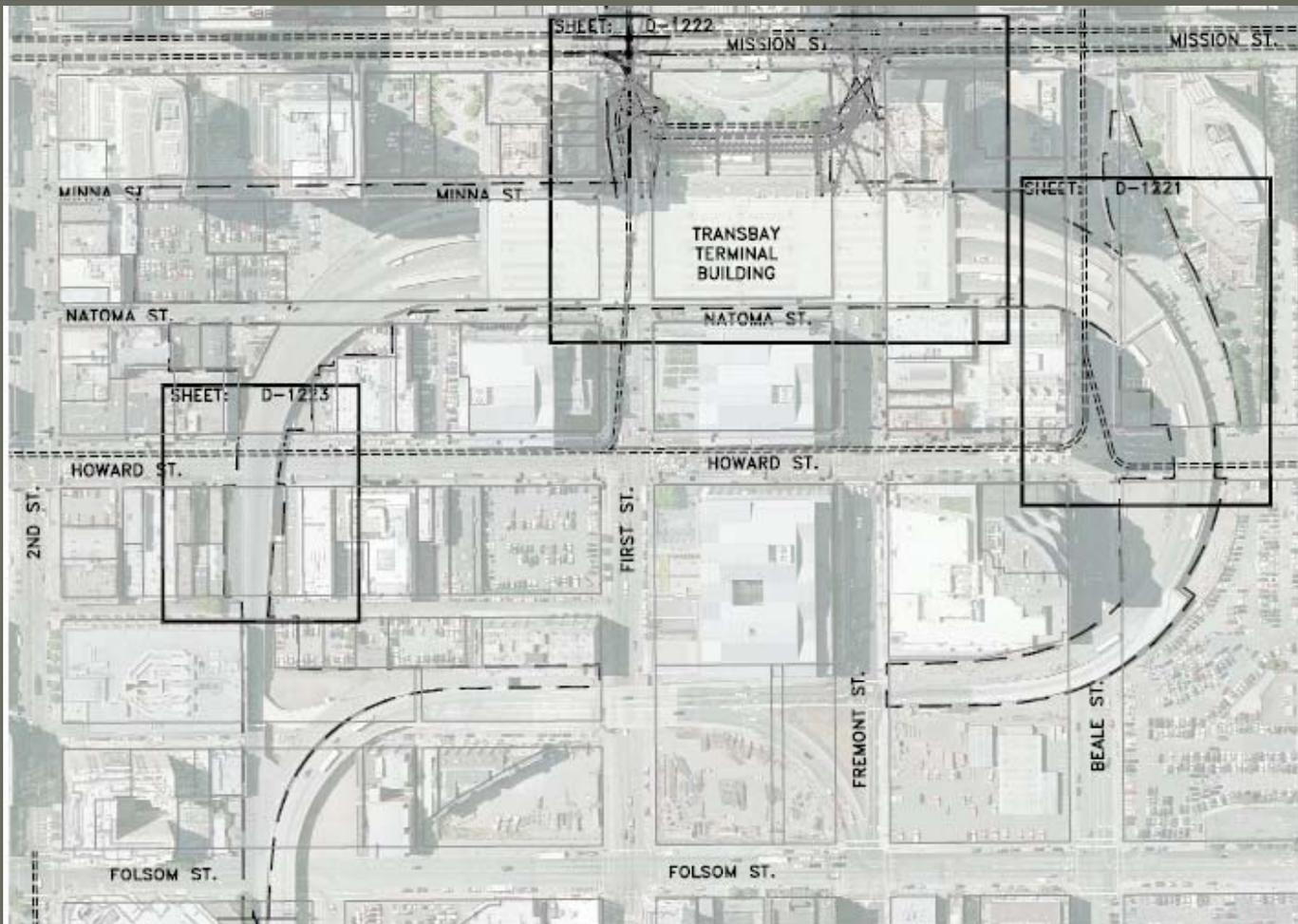
Mitigation Measures Archaeological Finds





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Overhead Contact System for Muni trolley buses



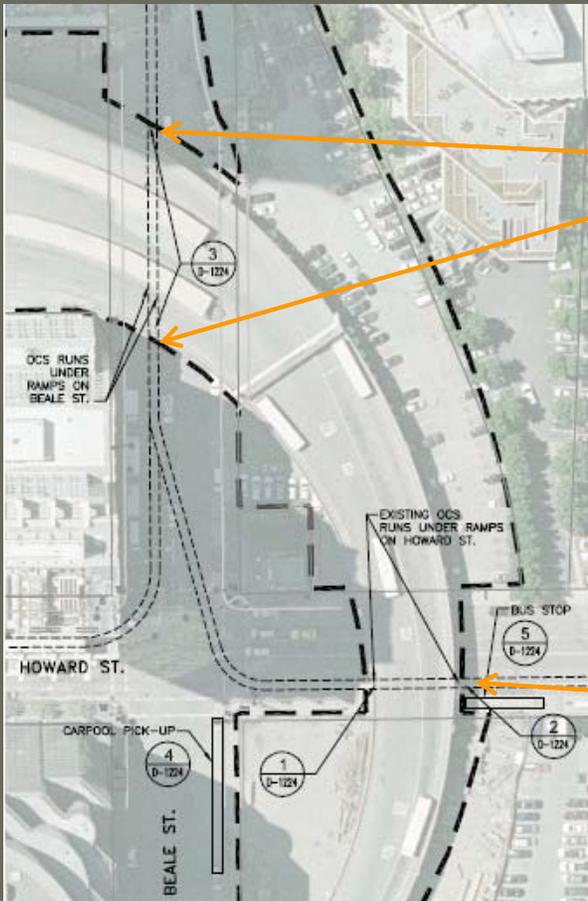
OCS Work Overview



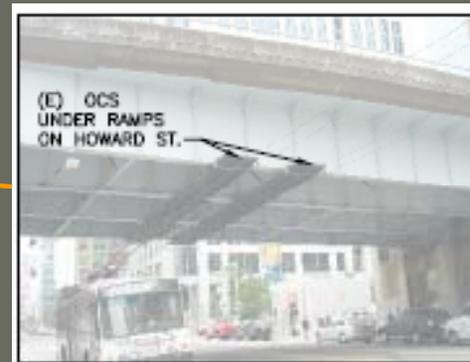
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Overhead Contact System for Muni trolley buses

Work Along Beale and Howard Streets



**EXISTING OCS SUPPORT
UNDER RAMPS ON BEALE ST.**
3
D-1224
SCALE:N.T.S.

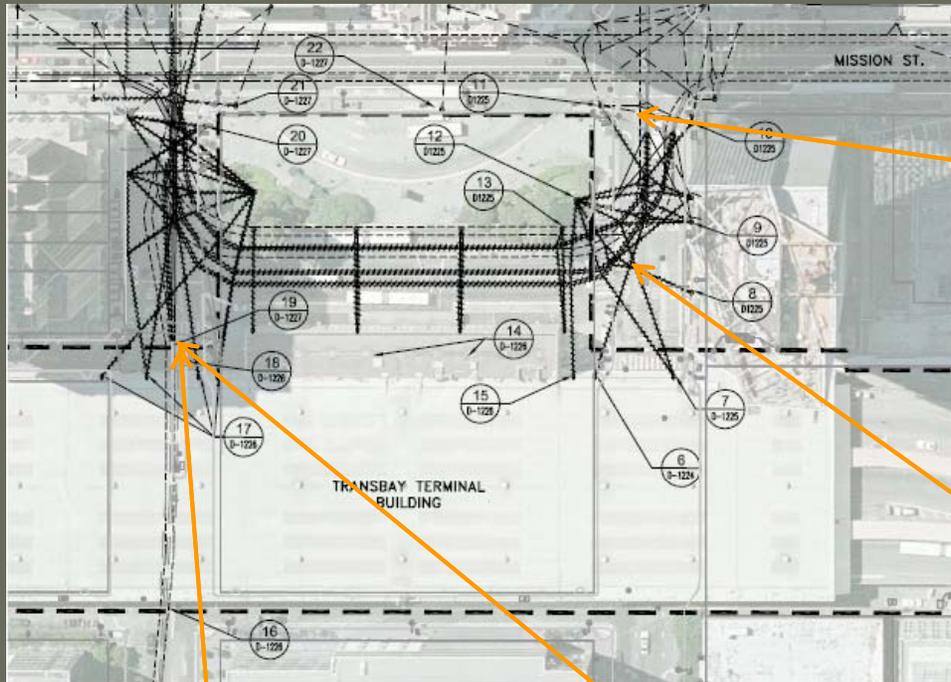


**EXISTING OCS SUPPORT
UNDER RAMPS ON HOWARD ST.**
1
D-1221
SCALE:N.T.S.



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Overhead Contact System for Muni trolley buses Work in Hump Area



(E) GUYWIRE
ON LIGHT POLE



EXISTING GUYWIRE
ON LIGHT POLE

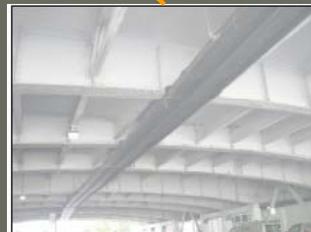
(E) GUYWIRES
ATTACHED TO
TERMINAL BLDG.



EXISTING GUYWIRES
ATTACHED TO TERMINAL BLDG.



EXISTING OCS SUPPORT
UNDER RAMPS ON FIRST ST.





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Schedule Milestones

ID	Task Name	Duration	Start	Finish	2010				2011		
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1
1	Issue Request for Proposal	0 days	Aug 17 '09	Aug 17 '09	◆						
2	Bid and Award Contract	64 days	Aug 17 '09	Oct 19 '09	■						
3	Issue NTP	0 days	Oct 19 '09	Oct 19 '09		◆					
4	Demolition Plan and Approval	100 days	Oct 20 '09	Jan 27 '10		■					
5	Bus Ops Cease in Existing Terminal	0 days	Feb 1 '10	Feb 1 '10			◆				
6	Demo Parcels O & O"	16 days	Feb 1 '10	Feb 16 '10		■					
7	Demolition of Buttress Area	64 days	Feb 17 '10	Apr 21 '10			■				
8	Demolition/Abatement of Terminal	120 days	Apr 22 '10	Aug 19 '10			■				
9	Demolition of Ramps	260 days	Feb 1 '10	Oct 18 '10			■				
10	Demolition Substantial Complete	0 days	Oct 18 '10	Oct 18 '10							◆

- Issue First Notice to Proceed: October 19, 2009 (anticipated)
- Bus Operations Cease in Existing Terminal: February 1, 2010
- Complete Demolition of Parcels O and O": February 16, 2010
- Complete Demolition East of Fremont: April 21, 2010
- Complete Demolition of Existing Terminal: August 19, 2010
- Complete Demolition of Existing Elevated Roadways: October 18, 2010



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DBE / SBE

- DBE Availability Advisory Percentage: 8%
- SBE Utilization Goal Percentage: 8%

SBE Certifications accepted from:

- CA United Certifications Program (CUCP)
- CA Office of Small/Disabled Veteran Businesses
- SF Human Rights Commission

CONTACT INFORMATION

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