

**Central Subway Tunneling**  
**Contract 1252**

**Three-Week Construction Look Ahead**

<b>September 8 to September 28, 2012</b>			
<b>Location</b>	<b>Description of Work</b>	<b>Current Activities</b>	<b>Anticipated Completion</b>
4 <sup>th</sup> Street between Bryant and Harrison streets	Tunnel Launch Box	Utility relocation, guidewall installation, slurry wall installation and jet grouting	November 2012
4 <sup>th</sup> Street between Folsom and Howard streets	Yerba Buena/Moscone Station Headwalls	Utility relocation to be followed by tie back removal, guidewall construction, slurry wall construction and jet grouting	June 2013
Stockton Street between Ellis and Geary streets; Ellis Street between Stockton and Powell streets	Union Square/Market Street Station Headwalls and Ellis Street Shaft	Utility demolition and jet grouting to be followed by headwall installation	September 2013
Columbus Avenue between Union and Filbert streets	Utility Relocation for Tunnel Boring Machine Retrieval Shaft	Utility relocation	November 2012

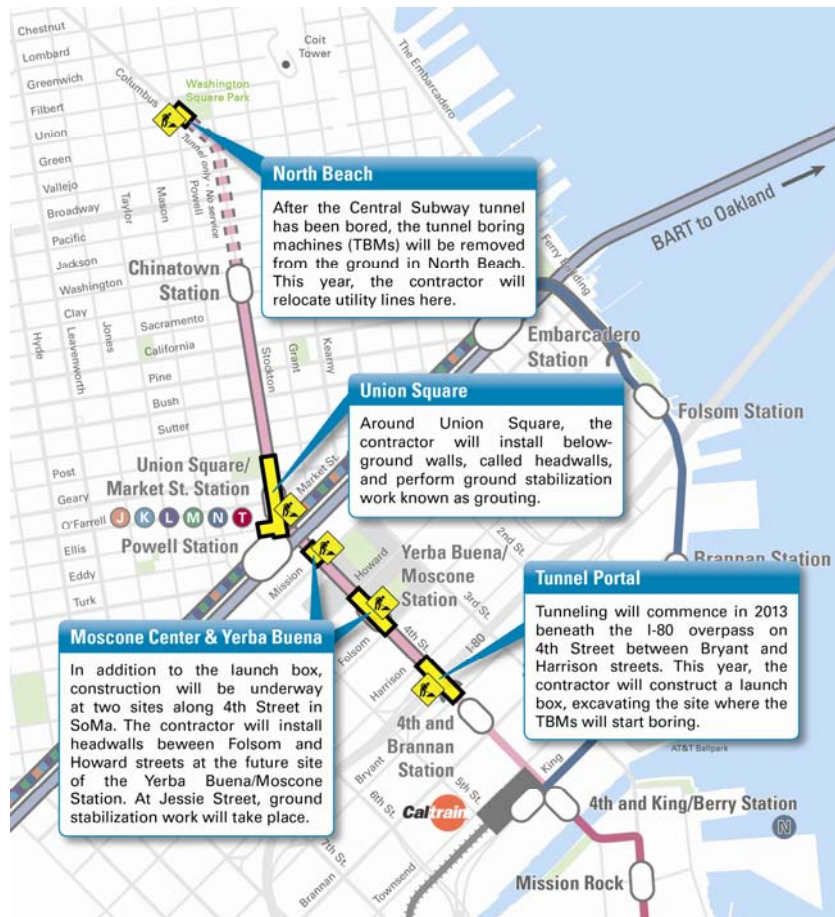
Noise and dust will be monitored and kept within permitted levels, and the construction team will work to maintain a clean streetscape during and outside of construction hours.

The businesses along the construction route will remain open. The contractor will maintain safe pedestrian access to all stores during business hours. Those traveling or working in the area can expect an increase in noise and traffic as a result of construction.

If you have **questions** about the Central Subway project or construction, please contact the Central Subway Outreach Team by phone at 415-701-4371 or via email at [central.subway@sfmta.com](mailto:central.subway@sfmta.com).

**Project information** is available at [www.centalsubwaysf.com](http://www.centalsubwaysf.com), on our blog ([www.centalsubwayblog.com](http://www.centalsubwayblog.com)), on Facebook ([www.facebook.com/centralsubway](http://www.facebook.com/centralsubway)) and on Twitter ([@central\\_subway](https://twitter.com/central_subway)). We also post construction, auto detour and Muni impact information on our project Google Map ([g.co/maps/8s8rs](http://g.co/maps/8s8rs)).

## Map: Tunnel Construction in 2012



*This map shows where tunnel contract construction is planned to occur in 2012. Additional information about upcoming construction will be provided as work proceeds.*

Construction details for the sites listed above are as follows:

### Tunnel Launch Box

**Location:** Beneath the I-80 overpass on 4<sup>th</sup> Street between Bryant and Harrison streets.

### Transit impacts:

- The 30 Stockton and 45 Union/Stockton [began re-routing in January](#) around this section of 4th Street. These re-routes will continue throughout the duration of Central Subway construction.
- The 8X/8AX/8BX Bayshore Express and 91 Owl [began rerouting July 11](#). These re-routes will continue throughout the duration of Central Subway construction.

### Traffic and pedestrian impacts:

- At least two lanes will be open to traffic at all times on 4th Street during launch box excavation and construction.

- Traffic delays are anticipated. Motorists are encouraged to use the onramp at Harrison and 7<sup>th</sup> streets as an alternative to access westbound I-80. Those traveling to the peninsula may prefer to access the 280 via 6<sup>th</sup> Street or the 101 freeway via 10<sup>th</sup> Street.
- Parking restrictions will be in effect in and around the construction area.
- The sidewalk may be closed on one side of the street at a time.
- After construction of the launch box is complete, the excavation will be covered with concrete decking, and all lanes of traffic will be reopened.

#### **Mitigation measures:**

- Current work hours are from 5 a.m. to 1 a.m. on weekdays and from 6 a.m. to 4 p.m. on Saturdays.
- Street sweeping will be performed daily to clean the construction site and surrounding areas.
- Electronic messaging boards will be in place, and parking control officers and flaggers will monitor and facilitate the flow of traffic and maintain pedestrian safety as appropriate.

## **Yerba Buena/Moscone Station Headwalls**

**Location:** 4<sup>th</sup> Street between Folsom and Howard streets.

#### **Transit impacts:**

- The 30 Stockton and 45 Union/Stockton [began re-routing in January](#) around this section of 4<sup>th</sup> Street. These re-routes will continue throughout the duration of Central Subway construction.
- The 8X/8AX/8BX Bayshore Express and 91 Owl [began rerouting July 11](#). These re-routes will continue throughout the duration of Central Subway construction.

#### **Traffic and pedestrian impacts:**

- Traffic and pedestrian controls will be in place.
- At least two lanes on 4th Street will remain open to traffic while work is in progress.
- Sidewalks on the west side of the block will be impacted.
- Access to Clementina Street between 4th and 5th streets may be restricted at times, but the contractor will facilitate access for deliveries.
- Parking restrictions will be in effect in and around the construction area.

#### **Mitigation measures:**

- Current work hours are from 7 a.m. to 4 p.m. on weekdays.
- Street sweeping will be performed daily to clean the construction site and surrounding areas.
- Electronic messaging boards will be in place, and parking control officers and flaggers will monitor and facilitate the flow of traffic and maintain pedestrian safety as appropriate.

## Union Square/Market Street Station Headwalls

**Location:** Stockton Street between Ellis and Geary streets and Ellis Street between Stockton and Powell streets. Work begins July 30 on Stockton Street and in early August on Ellis Street.

### Transit impacts:

- The 38/38L Geary Muni routes may experience delays around Union Square.
- The 30 Stockton and 45 Union/Stockton [began re-routing in January](#) around this section of Stockton Street. These re-routes will continue throughout the duration of Central Subway construction.
- The 8X/8AX/8BX Bayshore Express and 91 Owl [began rerouting July 11](#). These re-routes will continue throughout the duration of Central Subway construction.

### Traffic and pedestrian impacts:

- Stockton Street between Ellis and Geary streets is closed to all traffic except emergency vehicles.
- Grant Avenue between Geary and Sutter streets has been converted into a two-way street.
- Ellis Street between Stockton Street and the Ellis Garage will be closed to westbound traffic. One lane will remain open to eastbound traffic. Vehicles exiting the garage will be able to turn left or right onto Ellis Street.
- Southbound Stockton Street traffic traveling toward SoMa will be directed to the following suggested detour: east onto Post Street, south onto Montgomery Street, cross Market Street and continue onto New Montgomery Street.
- To access westbound I-80, continue on New Montgomery Street to Howard Street, turn west onto Howard Street, turn south onto Hawthorne Street and turn west onto Harrison Street.
- Southbound Stockton Street traffic traveling to Union Square will be directed as follows: turn east onto Post Street, turn south onto Grant Avenue and turn west onto Geary Street.
- Stockton Street will remain open to cross traffic at O'Farrell and Geary streets, but temporary lane closures near the intersections may be required.
- Variable message signs and detour signs will be in place.
- Traffic control officers and flaggers will be on site to direct traffic as appropriate.
- Sidewalks on Stockton Street between Ellis and Geary streets will remain open, but they may be narrowed to facilitate construction.
- Temporary closures of the crosswalk that crosses Stockton Street on the south side of Geary Street may be required.

### Mitigation measures:

- Work hours on Stockton Street will be Monday to Friday from 6 a.m. to 5 p.m.
- Street sweeping will be performed daily to clean the construction site and surrounding areas.

- Electronic messaging boards will be in place, and parking control officers and flaggers will monitor and facilitate the flow of traffic and maintain pedestrian safety as appropriate.

### **Utility Relocation for TBM Retrieval Shaft**

**Location:** A half-block section of Columbus Avenue between Powell and Union streets, with some work in the intersection of Columbus Avenue and Union Street.

#### **Transit impacts:**

- The northbound Muni bus stop on Columbus Avenue at Union Street will be temporarily closed. The following bus routes will be affected and use nearby alternative stops:
  - 30 Stockton and 91 Owl: the previous stop is on Stockton Street at Columbus Avenue, and the next northbound stop is on Columbus Avenue at Mason Street (in front of the library).
  - 8X/8BX Bayshore Express routes: the previous stop is on Columbus Avenue at Green Street, and the next northbound stop is on Powell Street at Lombard Street.
- The southbound bus stop on Columbus Avenue at Union Street will be temporarily closed after the northbound bus stop is restored.
- The 30 Stockton, 39 Coit, 41 Union, 45 Union/Stockton, and 8X/8BX Bayshore Express routes may experience delays during construction hours.

#### **Traffic and pedestrian impacts:**

- During construction hours one lane of traffic on one of the following blocks may be closed at a time:
  - Columbus Avenue between Union and Filbert streets
  - Union Street between Columbus Avenue and Powell Street
  - Powell Street between Columbus Avenue and Union Street.
- At the end of construction each day, all lanes will reopen to traffic.
- A traffic control officer and a flagger will be on site to facilitate the flow of traffic during work hours.
- Parking restrictions will be in effect within and around the construction zone.
- Sidewalks on Columbus Avenue between Union and Filbert streets will not be impacted.

#### **Mitigation measures:**

- Construction hours are Monday through Friday, 7 a.m. to 3:30 p.m.
- Dust and noise levels will be monitored and kept within permitted levels.
- Electronic messaging boards will be in place, and a parking control officer and a flagger will monitor and facilitate the flow of traffic and maintain pedestrian safety during construction hours.