

Section 7: TRANSIT OPERATIONS

The Contractor shall not delay the operation of mass transit vehicles at any time, including Municipal Railway (Muni) vehicles, Golden Gate Transit buses, SamTrans buses, etc. The Contractor must familiarize himself/herself with the routes of Muni transit lines that operate within the limits of the construction.

7.1 Bus Stops

- The Contractor shall not block or impede bus movements into and out of bus stops, including bus zones, boarding islands, bus bulbs, and flag stops.
- The Contractor shall request authorization from the Superintendent of Special Events and Construction by emailing constructionrequest@sfmta.com for any work that may interfere with existing passenger loading and unloading operations at least ten 10 days in advance of work.
- In certain cases, SFMTA may authorize the temporary relocation of bus zones if requested at least 10 days in advance. Fees may apply. If tow-away outside the work area is required to reserve space for a relocated bus zone, a Special Traffic Permit may be required. If a bus stop is required to be relocated, SFMTA may require the Contractor to install a temporary bench for the convenience of elderly and disabled passengers (if space is available).
- The Contractor shall provide and continuously maintain at least one sign at each bus stop that SFMTA authorizes to be closed or relocated, and at the new bus stop location. Additional signs in languages other than English may be required if translation is deemed necessary. The signs are as shown in the Appendix E. SFMTA Muni personnel will determine the locations and wording (Muni line numbers and locations of temporary bus stops) for these signs.
- Unauthorized bus zone relocations or any other unauthorized use of the temporary bus stop signs will result in fines and citations as described in Section 13 of this manual.
- The Contractor shall obtain approval of site plans from the SFMTA's Bus Stop Coordinator & Accessibility Section. Site plans must show permanent changes that will impact Muni passenger loading and unloading operations, including deployment of wheelchair lifts. Plans may be sent via email to: mobilityoptions@sfmta.com. Staff may be contacted at 415-646-2260.

7.2 Overhead Wires

The Contractor is responsible for ensuring that trolley buses reach the overhead trolley wires when passing the work area.

- Muni overhead electric wires carry a minimum of 600 volts DC and have 17.6 feet +/- vertical clearance from the roadway.
- CAL OSHA and CPUC General Order 95 regulations require that any boom type equipment that moves vertically must maintain a 10 feet radial clearance and any other equipment must maintain a six (6) foot clearance from Muni overhead wires.
- The Contractor must adapt the Contractor's method and equipment for the presence of overhead wires, and take precautions against accidents and damage to overhead wires and feeder cables. Examples include: performing paving, base repair and sewer installation work when the lines and feeder are energized.
- The lanes made available for traffic must provide an adequate travel path for the coach lines. The extreme touring range of the centerline of a trolley coach is 10 feet from the centerline of the trolley wires. The Contractor shall provide a 45-foot turning radius for Municipal Railway vehicles.

For additional information regarding overhead wires see the link below:
<http://www.sfmta.com/permits/muni-construction-support-and-clearance-permit>

7.3 Passenger Facilities

- Passenger Shelters

Contractors shall contact SFMTA's Passenger Shelter providers Lisa.Ising@sfmta.com (415-530-3638), Margeaux Casillas at MargeauxCasillas@clearchannel.com (510-446-7200 extension 67259), and Ashley Kirchner at ashleykirchner.ncs@comcast.net (707-207-5209) to coordinate the removal and reinstallation of any passenger shelter that is impacted by construction activities. The Contractor shall be responsible for restoration to pre-construction condition of electrical power, telephone service and the sidewalk.

- Bus Stop Signage

Contractor shall contact the SFMTA Sign Shop at 415.401.3765 to coordinate the removal and reinstallation of any Muni bus stop signs impacted by construction activities.

7.4 Tracks

The Contractor must obtain a clearance permit from the SFMTA Transit Management Center **before** performing work within 72 inches of the outside edge of SFMTA track (the "Safety Envelope").

- If workers will be within the safety envelope, the Contractor must obtain a

clearance permit and comply with and train its workers per the SFMTA Rail Safety Training program before starting any work. Contact the SFMTA by emailing roadwayworkerprotection@sfmta.com for training requirements. Please use the following link to start the application process: <http://www.sfmta.com/permits/muni-construction-support-and-clearance-permit>

- Rail Clearance Permit applications must be submitted by the first or third Wednesday of the month prior to the requested work week (work weeks are defined as beginning on a Saturday) or at least 72 hours in advance of the date needed. Permits are valid up to one week. The Contractor must apply for the permit weekly.
- After a Clearance Permit is obtained, the Contractor shall call the SFMTA Transit Management Center at 415.565.3137 every day before work begins and again when work has been completed for that day.
- The Contractor shall attend Rail Clearance meetings to provide progress updates to SFMTA staff and work out any issues regarding working near Muni Rails. Meetings occur twice every month. Please email constructionrequest@sfmta.com for meeting dates and locations.