

Section 7: TRANSIT OPERATIONS

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

Contractor must obtain a clearance permit from SFMTA Central Control at 415.759.4396 **before** performing any work within 48 inches of the outside edge of SFMTA track (the "Safety Envelope"). If workers will be within the Safety Envelope, the Contractor shall comply with and train its workers per the SFMTA Rail Safety Training program, in addition to obtaining a clearance permit. Contact the SFMTA Health and Safety Manager at 415.701.4500 for training requirements.

7.1 Bus Stops

- The Contractor shall not block or impede bus movements into and out of any bus stop, including any bus zone, boarding island, bus bulb, and flag stop.
- 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 any existing passenger loading and unloading operation at least ten 10 days in advance of said 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 is required to reserve space for a relocated bus zone, a Special Traffic Permit will be required. If a bus stop is required to be relocated, SFMTA may require the Contractor to temporarily (if adequate space is available) install a temporary bench for the convenience of elderly and disabled passengers.
- The Contractor shall provide and continuously maintain at least one sign at any bus stop that SFMTA has authorized to be closed or relocated, and at the new bus stop location. Additional signs in language other than English may be required if translation is deemed necessary. The signs are as shown in the Appendix E. The SFMTA Inspector will supply the exact wording and location of these signs.
- Unauthorized bus zone relocations or any other unauthorized use of the temporary bus stop signs will result in fines of up to \$5,000 per incident.
- Contractor shall obtain pre-approval of a site plan by SFMTA's Bus Stop Coordinator & Accessibility Section (415.701.4485) for any permanent change that will impact Muni passenger loading/unloading operations, especially the deployment of the wheelchair lift.

7.2 Overhead Wires

Contractor is responsible for ensuring that trolley buses reach the overhead trolley wires when going around 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 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 to this condition, and must take precautions against accidents and damage to the overhead wires and feeder cables when performing paving, base repair, sewer installation works with lines and feeder energized.
- The lanes made available for traffic shall be located so as to include an adequate and allowable 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.

7.3 Passenger Facilities

- Passenger Shelters – Contractor shall contact SFMTA's Passenger Shelter provider (Gail Stein at 415.646.2308) to coordinate the removal and reinstallation of any passenger shelter that is impacted by construction activities. Contractor shall be responsible for restoration of electrical power, telephone service and the sidewalk to pre-construction condition.
- Bus Stop Signage – Contractor shall contact the SFMTA Sign Shop at 415.554.9785 to coordinate the removal and reinstallation of any Muni bus stop signs impacted by construction activities.

7.4 Tracks

If any work is performed within 62 inches of the outside edge of light rail track (the "safety envelope"), the Contractor shall apply for and obtain a clearance permit from **SFMTA Central Control at 415.759.4396** before starting any work.

- If workers will be within the safety envelope, the Contractor shall comply with and train its workers per the SFMTA Rail Safety Training program before

starting any work, in addition to obtaining a clearance permit. Contact the MTA Health and Safety manager at 415.701.4500 for training requirements.

- Rail Clearance Permit applications must be submitted by the first or third Wednesday of the month prior to the requested work week (starts Saturday) or at least 72 hours in advance of the date needed. The permits are valid up to one week so the Contractor must apply for the permit weekly. The Rail Clearance Permit Application is located in Appendix H.
- After a valid Clearance Permit is obtained, the Contractor shall call Muni Central Control at 415.759.4321 to inform Central Control every day before work begins and when the 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 the Muni Rails. Meetings occur twice every month. Contact SFMTA Central Control for meeting dates and locations.