



TECHNICAL SPECIFICATIONS No. 2300

TRAFFIC CONTROL, CONSTRUCTION SIGNS, AND STREET CLOSURES

ENGINEERING SERVICES DEPARTMENT

DESCRIPTION OF WORK

2301 Traffic control shall consist of furnishing a traffic control plan and traffic control system in accordance with the provisions of these Technical Specifications including all equipment, labor, and, materials to maintain safe traffic and pedestrian movement through the work zone. A traffic control plan shall be approved by the City Engineer or their authorized representative prior to start of any work within the right of way. Street closing will not be permitted unless approved by the City Engineer.

GENERAL

2302 Traffic shall be maintained in accordance with Section 7-1.03, "Public Convenience," Section 7-1.04, "Public Safety," Section 12, "Construction Area Traffic Control Devices," of the 2018 Standard Specifications and these Technical Specifications. Nothing in these Technical Specifications shall be construed as relieving the Contractor from the Contractor's responsibility to provide for the safety of traffic and the public during construction in accordance with the Specifications. This requirement shall be continuous (24 hours per day, 7 days per week) throughout the duration of the project.

2303 If the Contractor fails to provide sufficient barricades, cones, flags, warning signs, or other traffic control devices for the work being done as required by the latest edition of the "California Manual on Uniform Traffic Control Devices" (Ca MUTCD), these Technical Specifications, or the approved Plans and/or Specifications, the project will be shut down until said deficiencies are corrected. Prior to the placement of asphalt concrete, all cuts in the existing street surface shall be properly signed and delineated with traffic control devices and ramped to provide a smoother transition.

2304 The provisions in this Technical Specification will not relieve the Contractor from their responsibility to provide such additional traffic control devices or take such additional measures as may be necessary to comply with the provisions in Section 7-1.04, "Public Safety", of the 2018 Standard Specifications, and other directions provided by the City Engineer or their authorized representative.

2305 The Contractor shall provide flagmen to direct and control traffic, and shall provide such special signs as required by the latest edition of the "California Manual on Uniform Traffic Control Devices" (Ca MUTCD) and as may be ordered by the City Engineer or their authorized representative. Full compensation for furnishing and transporting flaggers shall be included as part of the traffic control, and no additional payment will be made therefor.

2306 Construction area signs designated as stationary mounted on the Plans shall conform to the provisions in Section 12-3.11B(2), "Stationary-Mounted Signs," of the Standard Specifications, and construction area signs designated as portable signs on the Plans shall conform to the Provisions in Sections 12-3.11B(3), "Portable Signs" of the Standard Specifications. Construction area signs not designated as stationary mounted or as portable signs shall be, at the Contractor's option, either stationary mounted or portable signs conforming to the Provisions in Sections 12-3.11B(2) or 12-11B(3) of the 2018 Standard Specifications.

- 2307 If any component of the traffic control system is displaced or ceases to operate or function as specified as the result of any cause during the progress of the work, the Contractor shall immediately repair said component to its original condition, or shall replace and restore said component to its original location.
- 2308 The Contractor shall provide pavement or aggregate base as necessary for traffic. Traffic shall not drive on dirt. If aggregate base is used, the Contractor shall maintain the aggregate base in a condition free of potholes, rutting, and wash boarding.
- 2309 Trenches will not be allowed to remain open overnight, after working hours, on weekends or during holidays. The Contractor shall completely backfill trenches and install an all-weather surface subject to the approval of the City at the end of each workday. Exceptions to this requirement will only be allowed by written approval of the City Engineer or their authorized representative.

NOTIFICATION

- 2310 The Contractor shall notify the Engineering Department of the Contractor’s intention to begin work and shall provide a traffic control plan for approval by the City Engineer at least five (5) days before work is to begin. The Contractor shall cooperate with property owners and local authorities relative to handling traffic through the work area. The Contractor shall make arrangements to keep the work area clear of parked vehicles. The Contractor shall notify the following local agencies at least two (2) working days in advance of implementing any street closures or detours.

<u>Local Agency</u>	<u>Fax No.</u>
City of Tulare Engineering Department:	559-685-5631
City of Tulare Police Department:	559-686-3457
City of Tulare Fire Department:	559-685-2397
City of Tulare Transit Department:	559-685-2357
City of Tulare Public Works Department:	559-685-2378
Tulare City Elementary School District:	559-685-7287
Tulare High School District:	559-687-7317
Life Star Ambulance Service:	559-688-2714

LANE CLOSURE

- 2311 A minimum of one (1) paved traffic lane (with required signing and flagging), not less than twelve feet (12’) wide, shall be open for use by public traffic in each direction, unless a reduced width is permitted by the City Engineer during daylight hours only.
- 2312 Lane closures shall be made using a traffic control system in accordance with the details, if any, shown on the Plans, the provisions of Section 12, “Construction Area Traffic Control Devices” of the 2018 Standard Specifications, and these Technical Specifications.
- 2313 Detours to other streets will not be permitted unless approved by the City Engineer. Detours shall be surfaced with temporary pavement or aggregate base as necessary for traffic. Traffic shall not drive on dirt.
- 2314 A traffic control system for a Lane Closure shall consist of closing traffic lanes in accordance with the details shown on the Plans, approved traffic control plan, the provisions of Section 12, “Temporary

Traffic Control”, of the 2018 Standard Specifications and the latest edition of the “California Manual on Uniform Traffic Control Devices” (Ca MUTCD), and these Technical Specifications.

- 2315 When lane closures are made for work periods only, all components of the traffic control system shall be removed from the traveled way and shoulder at the end of each work period.
- 2316 Except for installing, maintaining and removing traffic control devices, whenever work is performed or equipment is operated in the following work areas, the Contractor shall close the adjacent traffic lane unless otherwise provided in the Specifications:

Approach Speed of Public Traffic (Posted Limit Miles/Hour)	Work Areas
Over 45	Within 6 feet of a traffic lane, but not on a traffic lane
35 to 45	Within 3 feet of a traffic lane, but not on a traffic lane

When traffic cones or delineators are used to delineate a temporary edge of traffic lane, the line of cones or delineators shall be considered to be the edge of traffic lane. However, the Contractor shall not reduce the width of an existing lane to less than 11 feet without written approval from the City Engineer or their authorized representative. The lane closure provisions of this section shall not apply if the work area is protected by permanent or temporary railing or barrier.

When work is not in progress on a trench or the excavation that required a lane closure, the traffic cones or portable delineators used for the lane closure shall be placed off of and adjacent to the edge of the traveled way. The spacing of the cones or delineators shall be not more than the spacing used for the lane closure.

WORKING HOURS

- 2317 Except as otherwise provided, the full width of the traveled way shall be open for use by public traffic on Saturdays, Sundays, and designated legal holidays; after 3:00 p.m. on Fridays and the day preceding designated legal holidays; and when construction operations are not actively in progress. Reduced width roadway will not be permitted at night. Additional restriction on hours of work may be required when working near schools or school bus routes.

- 2318 Designated legal holidays are:

January 1 st	New Year’s Day
Third Monday in January	Martin Luther King Jr. Day
Third Monday in February	President’s Day
Last Monday in May	Memorial Day
July 4 th	Independence Day
First Monday in September	Labor Day
November 11 th	Veterans Day
Last Thursday in November	Thanksgiving Day
Day after Thanksgiving	The day after Thanksgiving
December 24 th	Christmas Eve
December 25 th	Christmas Day
December 31 st	New Year’s Eve

When a designated legal holiday falls on a Sunday, the following Monday shall be deemed a legal holiday. When a designated legal holiday falls on a Saturday, the preceding Friday shall be deemed a legal holiday.

Minor deviations from the requirements of this subsection concerning hours of work, may be permitted upon the written request of the Contractor if, in the opinion of the City Engineer, public traffic will be better served and the work expedited. Such deviations shall not be adopted until the City Engineer has indicated his written approval.

NIGHT TRAFFIC CONTROL

- 2318 During the hours of darkness, as defined in Division 1, Section 280, of the California Vehicle Code, portable signs shown on the plans to be illuminated shall be, at the option of the Contractor, either; illuminated signs in conformance with the provisions in Section 12-3.11B(3), "Portable Signs," of the 2018 Standard Specifications; or Reflexite vinyl microprism reflective sheeting signs; or 3M high intensity reflectorized sheeting on aluminum substrate signs; or Seibulite Brand Ultralite Grade Series, encapsulated lens retroreflective sheeting signs; or equal.
- 2319 Illuminated traffic cones, required to be used during the hours of darkness, shall be affixed or covered with reflective cone sleeves as specified in Section 12-3, "Temporary Traffic Control Devices", of the 2018 Standard Specifications.

PARKED VEHICLES OR EQUIPMENT

- 2320 The Contractor shall be responsible for making arrangements relative to keeping the work area clear of parked vehicles.
- 2321 Personal vehicles of the Contractor, Contractor's employees, or Subcontractors shall not be parked on the traveled way or shoulders, including any section of the street closed to public traffic. Said personal vehicles shall be parked off the street being worked on.
- 2322 Whenever vehicles or equipment are parked on the shoulder within 6 feet of a traffic lane, the shoulder area shall be closed with fluorescent traffic cones or portable delineators placed on a taper in advance of the parked vehicles or equipment and along the edge of pavement at twenty-five foot (25') intervals to a point not less than twenty-five foot (25') to the last vehicle or piece of equipment. A minimum of nine (9) cones or portable delineators shall be used for the taper. A W20-1 (Road Work Ahead) or W21-5B (Right/Left Shoulder Closed Ahead) or C24 (CA) (Shoulder Work Ahead) sign, whichever is applicable, shall be mounted on a portable sign stand with flags. The sign shall be a minimum 48" x 48" in size. The location of the sign/flagtree shall be as directed by the City Engineer or their authorized representative.