

**SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC**

*(Follow all instructions. If there are no instructions above a subsection, paragraph, sentence, or bullet, then include them in the project but make necessary modifications to only include project specific specifications. Delete specifications that do not apply to the project.)*

Comply with Section 00220 of the Standard Specifications modified as follows:

*(Use the following subsection .02 lead-in paragraph when adding bullets.)*

**00220.02 Public Safety and Mobility** - Add the following bullets to the end of the bullet list:

*(Use the following bullet when the pre-construction speed is greater than 35 mph and there is trench excavation or other excavation work to be performed.)*

- When performing trench excavation or other excavation across or adjacent to a travel lane on a roadway having a pre-construction posted speed greater than 35 mph, backfill the excavation, install surfacing, and open the roadway to traffic by the end of each work shift. Install a "BUMP" (W8-1-48) sign approximately 100 feet before the backfilled area and a "ROUGH ROAD" (W8-8-48) sign approximately 500 feet ahead of the "BUMP" sign. If this requirement is not met, maintain all necessary lane or shoulder closures and provide additional TCM, including flagging, at no additional cost to the Agency. Do not use temporary steel plating to reopen the roadway.

*(Use the following bullet when existing walkways or bikeways may be affected by the installation of work zone signs.)*

- Do not place work zone signs or supports that will block existing walkways or existing bikeways.

*(Use the following bullets when automated flagger assistance devices are required.)*

- Notify the Engineer, in writing, at least 14 calendar days in advance of using an automated flagger assistance device (AFAD). Include in the notification the following information:
  - The AFAD specifications from the manufacturer.
  - The TCP for the work zone incorporating the AFAD with times, dates, location, and duration of operation.

~~*(Use the following lead-in heading with any of the following subsections .40(e), and .40(f). Remove "(s)" or the parentheses when appropriate.)*~~

Add the following subsection(s):

~~(Use the following subsection .40(e) when modifying lane restrictions. Submit a Traffic Analysis Work Request Form to the Region Traffic Office for the lane restrictions.)~~

**00220.40(e) Lane Restrictions** - Replace the paragraph that begins "Do not close any..." with the following paragraph:

Do not close any traffic lanes and remove all barricades and objects from the roadway during the following periods:

(Use the following lead-in paragraph, and subsections (1) and (2) when modifying lane restrictions. Submit a Traffic Analysis Work Request Form to the Region Traffic Office for the lane restrictions.)

Replace subsections (1) and (2) with the following:

**(1) Weekdays:**

- Between \_\_\_\_ a.m. and \_\_\_\_ a.m. and between \_\_\_\_ p.m. and \_\_\_\_ p.m. Monday through Thursday
- Between \_\_\_\_ a.m. and \_\_\_\_ a.m. Friday morning

**(2) Weekends** - Between \_\_\_\_ p.m. on Friday and midnight on Sunday.

~~(Use the following subsection .40(e-4) to list special events. List Obtain the names, times, and dates of the events from the Traffic Analyst.)~~

**00220.40(e-4) Special Events** - Add the following to the end of this subsection:

The following special events will occur during this Project:

- \_\_\_\_\_

~~Roadways shall be free of barricades or other objects and all lanes opened to traffic during all the restrictive periods listed above.~~

~~(Use the following lead-in sentence when adding any of the following subsections .40(f), .40(g), or .40(h). Remove the "(s)" or remove the parentheses as needed.)~~

Add the following subsection(s):

~~(Use the following subsection .40(f) paragraphs for bridge pavement work or bridge end work.)~~

**00220.40(f) Bridge Work** - Before starting any grading or pavement removal at bridge ends or removal of pavement from bridge decks, arrange so that all equipment, labor, and materials required to complete the pavement replacement work and bridge deck waterproofing work are on hand or are guaranteed to be delivered. Once grading and pavement removal begins, vigorously prosecute and complete this work. Complete paving and membrane waterproofing work in the shortest possible time.

Temporarily taper or bevel longitudinal and transverse grade changes or drop-offs resulting from grading and pavement removal and membrane waterproofing work with asphalt concrete mixture to provide a smooth and safe transition. Construct and maintain a 1V:10H or flatter slope along longitudinal joints. Construct and maintain a 50 feet per 1 inch or flatter taper across transverse joints.

*(Use the following subsection .40(g) paragraphs when the road is to be closed to traffic during construction of bridges.)*

**00220.40(g) Road Closure** - Close the road to traffic at the bridge site during reconstruction of the bridge. Do not close the road until all materials and equipment are on hand or guaranteed to be delivered so that the work can be done in an efficient manner with a minimum period of road closure.

No road closure will be permitted until the area is signed according to the TCP and the requirements of Section 00225.

*(Use the following subsection .40(g) paragraphs when blasting or when erecting bridge girders. Contact Traffic Analysis Unit for designated peak hours. Delete non-applicable items in the first sentence.)*

**00220.40(g) Road Closure** - The Contractor will be permitted to close all travel lanes for periods not to exceed 20 minutes in duration during blasting or erecting bridge girders and sign structures over the travel lanes. This work will only be permitted between the hours of \_\_\_\_\_ and \_\_\_\_\_.

Succeeding roadway closures will not be permitted until traffic clears from preceding closure.

*(Use the following subsection .40(h) paragraphs for temporary closure of all travel lanes for short work periods. Use only on full access controlled highways. Obtain the information from the Traffic Control Designer. Include a Pilot Car pay item when using this insert.)*

**00220.40(h) Road Closure Using Rolling Slowdown Method (RSM)** - The Contractor will be permitted to use a RSM for slowing traffic and closing all travel lanes on the \_\_\_\_\_ Highway for periods not to exceed 20 minutes while \_\_\_\_\_ (specify type of work here). This work will be permitted between \_\_\_\_\_ p.m. and \_\_\_\_\_ a.m.

Provide written notification to the Engineer and all affected emergency services at least 14 days before using the RSM. Calculate the location where the pilot cars will begin the RSM and the speed at which the pilot cars will travel to accommodate the needed time to complete the work within 20 minutes.

Perform a RSM by using one pilot car for each lane to be slowed. Use only pilot cars to control the flow of traffic on the freeway. Use one additional pilot car as a chase vehicle to follow the last free-flowing vehicle ahead of the blockade. The pilot cars shall enter the roadway, form a moving blockade, and reduce traffic speeds to create a gap in traffic to accomplish the work without completely stopping traffic.

When using the RSM, place a PCMS a minimum of 2,500 feet in advance of each point where the pilot cars enter the freeway. Place flagger(s), accompanied by appropriate devices and signing, at the terminal of all closed on-ramps within the controlled delay area. Establish and utilize radio communications to adjust the speed of the blockade, as necessary. Maintain radio communications at all times among the pilot cars, flaggers, and the construction crew.

The Contractor may begin work immediately after the chase vehicle has passed the work area. If the work within the work area is not completed when the moving blockade reaches it, immediately cease all work except what is necessary to clear the roadway and reopen the roadway to traffic. Succeeding RSM will not be permitted until traffic clears from preceding RSM.