

SECTION 01 55 26
TRAFFIC CONTROL

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Section covers requirements for traffic control during construction of the PROJECT.

1.02 REFERENCES

- A. The following is a list of standards which may be referenced in this section:
1. AASHTO Guide for the Design of Bicycle Facilities, Current Edition.
 2. AASHTO Roadside Design Guide, Current Edition.
 3. American Traffic Safety Services Association (ATSSA).
 4. Colorado Department of Transportation (CDOT), Standard Specifications for Road and Bridge Construction, Current Edition.
 5. Federal Highway Administration. Standard Highway Signs.
 6. NCHRP – Report 350 Recommended Procedures for the Safety Performance Evaluation of Highway Features.
 7. U.S. Department of Transportation, Federal Highway Administration (USDOT): Manual of Uniform Traffic Control Devices (MUTCD).
 8. U.S. Department of Transportation, Federal Highway Administration: Design Guidance: Accommodating Bicycle and Pedestrian Travel: A Recommended Approach.

1.03 SUBMITTALS

- A. Traffic Control Plan developed by CONTRACTOR in accordance with guidance provided in CONTRACT DOCUMENTS.
1. Submit the initial phase Traffic Control Plan at the preconstruction conference. Submit plans for future phases of construction a minimum of 28 days before start of that construction phase to allow review and resubmittal, if necessary, and public notification. Meet with the OWNER, Local Jurisdictions, and other affected agencies having jurisdiction to review the Traffic Control Plans for each phase of construction. Do not begin construction on any given phase before receiving written acceptance.
 2. Failure to submit the Traffic Control Plans within the specified time frames will not be justification for additional working days. Failure to adequately address comments in any required resubmittal also will not justify additional working days.

B. Administrative Submittals: Copies of permits, licenses, and approvals for construction as required by Laws and Regulations and governing agencies.

1. CONTRACTOR shall be responsible for securing any necessary permits or approvals related to Traffic Control activities. Application for permits and governing agency approvals shall only be made after acceptance of plan by OWNER.

C. Parking area plans.

D. Product Data: Warning signs and barricades.

1.04 VEHICULAR TRAFFIC

A. Traffic Control Plan:

1. If a Traffic Control Plan is provided in the DRAWINGS and SPECIFICATIONS it shall be used by CONTRACTOR as guideline only. The CONTRACTOR shall be responsible for the development and implementation of the Traffic Control Plan.
2. CONTRACTOR shall submit a Traffic Control Plan for approval by OWNER in accordance with the submittal requirements defined in these SPECIFICATIONS. Adjustments to the approved plan may be required by OWNER based on actual traffic operations. Changes to the plan shall only be made with the written approval of the OWNER.

PART 2 PRODUCTS

2.01 SAFETY DEVICES AND SYSTEMS

A. CONTRACTOR shall use devices and systems which meet NCHRP-350 Report crash test requirements as defined by the Federal Highway Administration unless exceptions are granted by the OWNER.

2.02 TRAFFIC CONTROL SIGNING AND DEVICES

A. Signs: Comply with the requirements of the Traffic Control Plan, other requirements defined in this section and any applicable requirements defined in the reference documents, including CDOT Standard Specifications.

B. Channelizing Devices:

1. Comply with the requirements of the Traffic Control Plan, other requirements defined in this section and any applicable requirements defined in the reference documents, including CDOT Standard Specifications.
2. Use construction orange tubular markers and cones during daylight hours only.

C. Barricades:

1. Comply with the requirements of the Traffic Control Plan, other requirements defined in this section and any applicable requirements defined in the reference documents, including CDOT Standard Specifications.
2. Do not use rocks, asphalt, or concrete pieces, construction materials, and other debris as weighting devices for barricades. Sand bags will be permitted as long as a low center of gravity is maintained as approved.

D. Precast Concrete Barrier:

1. Comply with the requirements of the Traffic Control Plan, other requirements defined in this section and any applicable requirements defined in the reference documents, including CDOT Standard Specifications.
2. Use an approved construction zone attenuator or permanent style end sections, as listed in CDOT Guidelines for Attenuators and End Section.
 - a. Use a construction zone attenuator when approach ends of temporary precast barrier are within AASHTO clear zone.
 - b. Use AASHTO Roadside Design Guide to determine proper clear zone distance requirements.

PART 3 EXECUTION

3.01 VEHICULAR TRAFFIC

A. CONTRACTOR shall:

1. Conform to the USDOT MUTCD or applicable statutory requirements of authority having jurisdiction and the accepted Traffic Control Plan.
2. Allow emergency vehicles immediate passage.
3. Recognize that Local Government requirements take precedence over the MUTCD. Operations on or about traffic areas and provisions for regulating traffic shall additionally be subject to the regulation of other governmental agencies having jurisdiction over the affected areas.
4. Keep traffic areas free of excavated material, construction equipment, pipe, and other materials and equipment.
5. Keep fire hydrants and water control valves free from obstruction and available for use at all times.
6. Conduct operations in a manner to avoid unnecessary interference with public and private roads and drives and provide and maintain temporary access for businesses and residences. Provide and maintain suitable and safe bridges, detours, or other temporary expedients for accommodation of public and private travel. When access to private driveways must be temporarily denied due to construction operations, notify the property owner or responsible party of such

closure not less than 24 hours in advance of closure. Give notification in writing and include the estimated duration of the closure.

7. Minimum lane width shall be 10 feet, unless noted otherwise. Where cones are used to separate traffic lane from construction zone, do not use traffic lane for accessing construction zone, and do not store materials or equipment on or near shoulder of traffic lane side of roadway.
8. In making street crossings, do not block more than one-half the street at a time. Maintain one lane of traffic at all times. Ensure access for traffic in both directions.
9. Notify the fire department, police/sheriff department, highway patrol, ambulance service, local school district, and transit 14 days before closing roadway or portion thereof. Notify said departments or agencies when streets are again passable for vehicles. Conduct operations with the least interference to fire equipment access, and at no time prevent such access. Furnish CONTRACTOR's night emergency telephone numbers to the police or sheriff's department.
10. Pedestrian and bicycle access along sidewalks and streets will be kept open and safe from construction activities and traffic lanes.

B. Flaggers: May be required to provide for public safety or the regulation of traffic, or by jurisdictional authorities; and if used, shall be properly equipped and certified by ATSSA.

3.02 PROTECTION OF WORK AND PROPERTY

A. Warning Signs and Barricades:

1. Provide warning signs and barricades for the following:
 - a. Open trenches and other excavations.
 - b. Obstructions, such as material piles, equipment (moving or parked), and piled embankment.
 - c. Protection of roads and driveways.
2. Warning signs and barricades shall be illuminated by means of warning lights from sunset to sunrise.

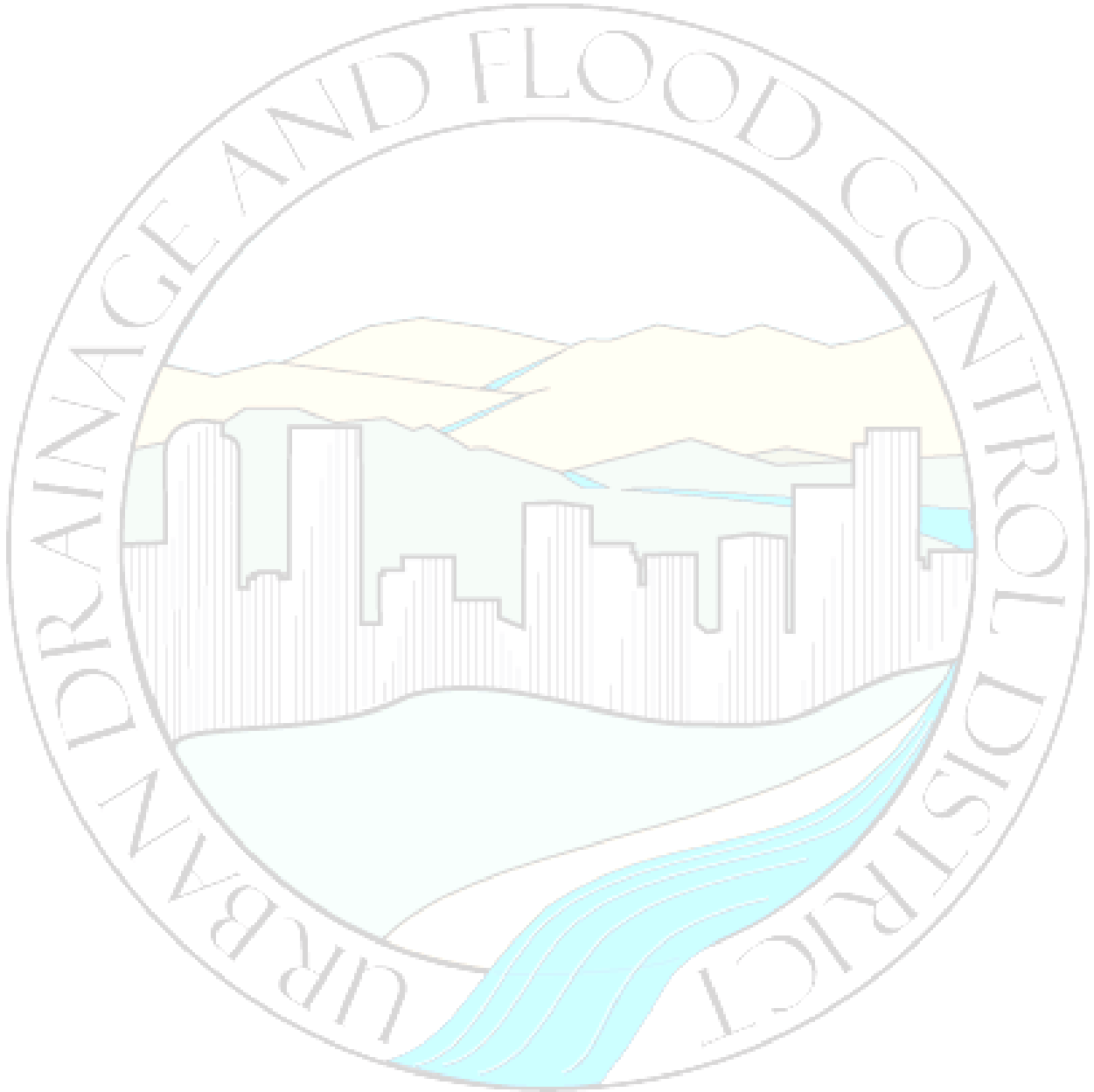
3.03 PARKING

A. CONTRACTOR, with the approval of OWNER, shall designate parking areas for the use of all construction workers and others performing WORK or furnishing services in connection with the PROJECT so as avoid interference with public traffic, OWNER's operations, or construction activities.

3.04 ROADWAY USAGE BETWEEN OPERATIONS

- A. At all times when WORK is not actually in progress, CONTRACTOR shall make passable and shall open to traffic such portions of the PROJECT and temporary roadways or portions thereof as may be agreed upon between CONTRACTOR and OWNER and all authorities having jurisdiction over any properties involved.

END OF SECTION



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