

SECTION 09 01 00

MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION

PART 1 GENERAL

- 1.1 This work consists of the maintenance and the protection of the traveling public approaching the construction area and within the limits of construction. The Contractor shall prepare and submit to the City Engineer traffic control plan(s) that cover all work areas and work phases.
- 1.2 Maintain and protect traffic in accordance with the following:
 - A. Publication 212 Subchapter E., Temporary Traffic Control
 - B. Publication 408 Section 901, Maintenance and Protection of Traffic During Construction
 - C. Publication 213, Temporary Traffic Control Guidelines, June 2014 Edition
 - D. Publication 46, Traffic Engineering Manual – Chapter 6
 - E. MUTCD 2009 Edition (Manual on Uniform Traffic Devices) – Chapter 6
 - F. PA 67 Code, Chapter 212 and PennDOT Publication 213.
- 1.3 Submittals
 - A. Notify the City Engineer and inspector in charge five (5) working days in advance of all traffic and/or parking restrictions or changes.
 - B. If short term operations will affect access to driveways, provide minimum 72 hour advance written notice to property owner.
 - C. If parking restrictions are required, contact Reading Parking Authority, 610-655-6166, one week in advance to make arrangements.

PART 2 PRODUCTS

- 2.1 Use fluorescent orange retroreflective sheeting material for all long-term traffic control signs.
- 2.2 Mount all long term signs on Type III barricades unless otherwise noted or as directed.

PART 3 EXECUTION

- 3.1 Do not restrict travel lanes for short term operations between the hours of 6:00 AM and 9:00 AM and between the hours of 3:00 PM and 6:00 PM, Monday through Friday.
- 3.2 Temporarily cover or remove all conflicting signs.
- 3.3 Coordinate the delivery of materials to minimize inconvenience to the traveling public.
- 3.4 Any debris and/or mud must be cleaned from the travel lanes and dust must be controlled during working hours and at the end of the workday.
- 3.5 Install additional traffic control measures as needed.
- 3.6 Equip all construction equipment that travels in any traffic lane open to public use with high intensity flashing lights. Use flashing lights of an amber color. Have flashing lights operating when vehicle is entering, leaving, or traveling on any traffic lane open to public use. Provide lights which have 360 degree field of vision.
- 3.7 Mechanically attach the following sign, or approved equal, to all vehicles, excluding concrete delivery trucks, used on the project during construction operations which travel on any traffic lanes open to public use. Attach sign to the rear of vehicles in a prominent position. Maintain signs in a good condition suitable to the Inspector-in-Charge. Provide a sign with black letters on an orange retroreflective background, readable at a distance of 200 feet during daylight hours. Signs for pickup trucks and smaller vehicles shall be designed with minimum 3 inch letters. Signs for larger trucks shall be designed with minimum 6 inch letters. Provide sign lettering which reads as follows:

CONSTRUCTION VEHICLE
KEEP ALERT FOR
SUDDEN STOPS AND TURNS

END OF SECTION