

SECTION LS 614

MAINTAINING TRAFFIC

PART 1 – GENERAL

1.1 DESCRIPTION

This work consists of maintaining and protecting vehicular and pedestrian traffic in accordance with Item 614 and the Ohio Manual of Uniform Traffic Control Devices (OMUTCD), except as modified herein.

PART 2 – PRODUCTS

2.1 All pavement markings shall include reflective glass beads and shall comply with Item 641 and the following Specifications:

Temporary pavement markings	Item 642
Permanent pavement markings on asphalt pavement	Item 644
Permanent pavement markings on concrete pavement	Item 646

2.2 The following signs shall be installed at the entry point of each adjoining intersection as applicable:

- A. “ROAD CLOSED FROM ____ TO ____ LOCAL TRAFFIC ONLY”
Contractor shall fill in the period of the contract in the blanks.
- B. “DETOUR” sign with arrow pointing in the direction of the detour established by the Contractor, and as approved by The City of Lakewood.
- C. “SLOW! ROUGH ROAD” sign.
- D. Type III barricade (portable) that spans the lane with X-I-18 reflectors.

The Contractor shall supply and make available for use a minimum of 100 safety barrels for each street in the contract.

PART 3 – EXECUTION

3.1 TRAFFIC SIGNING

- A. Existing signs shall be salvaged for reinstallation unless otherwise noted or as directed by The City of Lakewood. Existing sign supports removed

shall not be salvaged for reuse. Existing signs shall be covered as directed by The City of Lakewood.

- B. New street signs and sign supports shall conform to Item 630.

3.2 PAVEMENT MARKINGS

- A. Prior to construction, the Contractor shall note the location of all existing pavement markings, including but not limited to stop bars, crosswalks and railroad striping. All existing pavement markings shall be replaced, but not until the layout and placement has been approved by The City of Lakewood.
- B. Pavement markings shall be applied with mechanical equipment to produce uniform straight edges. Install as specified to provide minimum thickness required per Items 642, 644 or 646 as applicable.

3.3 TRAFFIC SIGNALS

- A. Traffic signal equipment, wiring and accessories shall be removed, modified, relocated or installed, as necessary to perform the project work, per Item 632.
- B. All traffic signal loops identified in the plans shall be removed and replaced by the Contractor in coordination with the Lakewood Traffic Signal department (216-529-5696). Completion of this item shall be considered incidental to Item LS 614 Maintaining Traffic and no additional compensation shall be made.

3.4 TEMPORARY TRAFFIC CONTROL

- A. All temporary traffic control signs and barricades shall be in place prior to the start of construction.
- B. The Contractor shall determine and propose a traffic control and detour plan, complete with all required signage, which will safely route through-traffic around each street or work area in the contract. This plan shall be proposed to the City and accepted prior to implementation of the traffic control plan and start of construction. Any modification to the traffic control plan shall be made at the Contractor's expense and is subject to approval, as deemed necessary by The City of Lakewood.
- C. The Contractor is responsible for the proper installation and maintenance of all temporary signage and safety barriers within the construction zone. No signs shall be attached to trees. Intersection signs and barricades shall be placed as approved by, or as directed by, The City of Lakewood or his

representative. All such devices shall be relocated as needed or directed as construction progresses. All subject signs and barricades shall be removed immediately upon completion of their need.

Temporary traffic control devices shall be installed per 614, as modified herein and as approved or directed by The City of Lakewood. The Contractor shall provide temporary barricades, warning and detour signs, within the project limits, at every intersection with the existing City street network. Barricades shall protect every location of particular hazard. All temporary barricades and signage shall comply with OMUTCD. All required supports shall be included.

- D. The Contractor is responsible to provide and maintain all parking restriction signage (OMUTCD R7-2 and R7-201A), all safety barricades and all other warning and control signage within the construction zone as required to safely regulate vehicles and protect the public that use the street, to the satisfaction of the City. Parking restrictions shall be enforced from 7:00 a.m. until 6:30 p.m.

PART 4 – PAYMENT

4.1 METHOD OF MEASUREMENT

- A. The City of Lakewood will measure and pay for maintaining traffic as a lump sum billed at percent of project complete.

4.2 BASIS OF PAYMENT

- A. Unless separately itemized, the lump sum price bid for Maintaining Traffic shall include the cost of removal or covering of conflicting signs and pavement markings, reinstallation of traffic signs, application and removal of temporary pavement markings when required, maintaining the existing roadway in a safe condition for public use, providing flaggers and their equipment, and furnishing, maintaining in an acceptable condition and subsequently removing all necessary work zone traffic control items.

<u>Item</u>	<u>Description</u>	<u>Unit</u>
LS 614	Maintaining Traffic	Lump Sum

END OF SECTION LS 614