

LAK - 91 - 4.56

PLAN SPECIFICATION REFERENCES

References to Supplemental Specifications 857, 858, 859, 957, 958, and 959 on the traffic control standard construction drawings in these plans shall be considered to read as respective references to Items 630, 631, 632, 730, 731, and 732.

605 UNDERDRAINS

An estimated quantity of 200 linear feet of 605 shallow pipe underdrains is provided in the general summary for use as directed by the Engineer in providing positive drainage for pull boxes. Perforated PVC pipe or conduit material approved by the Engineer shall be used in the construction of this item.

614 MAINTAINING TRAFFIC

Two-way traffic, with minimum 10 foot lanes, shall be maintained at all times by use of the existing pavement.

The Contractor shall conduct his operations to minimize hazard, delay, and inconvenience to motorists. In addition to the provisions of Item 614, Maintaining Traffic, the following specific provisions are mandatory.

When any part of the traveled surface is being worked upon or is not suitable for safe and convenient use by motorists, traffic control devices shall be installed and maintained. The devices shall be sufficient to protect areas of work and assure safe and convenient passage by motorists. The devices and the manner of their use shall be consistent with the plans and the "Ohio Manual of Uniform Traffic Control Devices for Streets and Highways", hereinafter referred to as the Ohio Manual. The traffic control system herein indicated shall constitute the minimum provisions for traffic control.

Flashers shall be placed on all signs and shall be operated only when work is performed during twilight or nighttime hours. Flashers shall be 12-volt battery operated models with 7-inch diameter lenses illuminated by rapid intermittent flashes of short duration.

Drums shall be the 55-gallon capacity size. They shall protect all areas of open trench at night and shall be reflectorized and equipped with barricade warning lights as per the Ohio Manual.

Payment for Item 614, Maintaining Traffic, will be made at the contract lump sum price including all drums, signs, flashers, work trucks, other equipment, materials, and labor.

614 TEMPORARY MAINTENANCE OF EXISTING SIGNALS

Incidental to the requirements for maintaining traffic in accordance with 614.03, all existing traffic signals shall be temporarily maintained until new traffic signal installations are ready to be placed in operation.

When not in operation, signal heads shall be bagged. When no signal is in operation at an intersection, traffic shall be maintained by a uniformed police officer. The off-duty officer shall be obtained and compensated by the Contractor.

Signal control of the intersections shall not be interrupted during the hours of 6:00 to 9:00 a.m., or 3:00 to 6:00 p.m. weekdays. Signals shall be inoperative no longer than 6 hours.

Any costs for the temporary maintenance of existing signals shall be included in the lump sum for 614, Maintaining Traffic.

619 FIELD OFFICE

The City of Eastlake will provide a suitable field office for the state's project engineer as per 619.

625 POWER SUPPLY FOR TRAFFIC SIGNALS

Electric power shall be obtained from the Cleveland Electric Illuminating Company at the locations indicated on the plans. Power supplied shall be 120 volts.

MAINTENANCE OF NEW TRAFFIC SIGNAL INSTALLATIONS

The Contractor shall be responsible for the maintenance of each traffic signal he has in part or fully constructed until such time as the testing requirements are satisfied, and the signal installation is complete and accepted by the Engineer.

The Contractor shall correct as quickly as possible all outages or malfunctions. He shall provide the city and the Engineer such addresses and phone numbers where his maintenance forces are located. The Contractor shall provide one or more persons to receive all calls and dispatch the necessary maintenance forces to correct outages. Such a person or persons may be used to perform other duties as long as prompt attention is given to trouble calls. All lamp outages, cable outages, electrical faults, equipment malfunctions, and misaligned signal heads shall be corrected to the satisfaction of the Engineer with the signal back in service within 4 hours after the Contractor's notification of the outage.

In the event new signals are damaged prior to acceptance, all damaged equipment shall be replaced by the Contractor to the satisfaction of the Engineer with the signal back in service within 8 hours after the Contractor's notification of the outage.

None of the above shall be considered as collective or consecutive outage time periods at any one location. That is, where more than one outage occurs at any one location, then the allotted time limit shall be for the worst single outage.

Where outages are the direct result of a vehicular accident, the response of the Contractor shall be as outlined above. The Contractor shall be responsible for collection of compensation for this work from those parties responsible for the damage.

Where the Contractor has failed to or cannot respond to an outage or signal equipment at those locations within his responsibility, within periods as specified above, the Engineer may invoke the provisions of Section 105.15 and any subsequent billings to the state from the city for police services and maintenance by city forces shall be deducted from monies due or to become due the Contractor in accordance with provisions of Section 105.15.

The Contractor shall provide maintenance service in one or more of the following manners:

1. The Contractor can hire a signal contractor to provide these services.
2. Twenty-four hour service by the Contractor.

Two weeks before the 10 day performance test, the Contractor shall send a written notice to the City and Engineer to indicate the manner in which he proposes to provide the above service.

The Contractor shall be responsible for any damage to existing traffic signals, signal components required to be handled during the relocation of poles, and revisions to the signal systems.

This item shall be considered a subsidiary work item and the cost shall be included in the various specified traffic signal bid items.