

# GENERAL NOTES

## XXXII - 614 TEMPORARY SIGNS AND SUPPORTS FOR MAINTAINING TRAFFIC - Continued

Mounting height and lateral placement of temporary signs shall be in accordance with Figures S-2 and S-4 (Pages 14 and 15) of the Ohio Manual of Uniform Traffic Control Devices.

Standards and sign layouts for temporary signs are available from the Office of Highway Design Services, 25 South Front Street, Columbus, Ohio 43215.

The contractor shall be responsible for removal of all temporary signs and supports when no longer needed, and he shall restore each sign site to its original condition.

All signs and supports furnished, erected, maintained, and removed by the contractor shall become the property of the contractor.

Basis of payment for the above described work shall be included in the Lump Sum item of work for Item 614, Maintaining Traffic.

## XXXIII - CAPPING OF CONDUIT

All conduit in foundations which will not have wire or cable pulled into it during construction shall have the ends closed with capped bushings or otherwise sealed in an approved manner to completely keep all moisture and foreign matter out of the conduit.

## XXXIV - 202 REMOVAL OF EXISTING SIGNAL INSTALLATION

In accordance with Standard Specification 202, this item shall include the removal of the signal heads, controller, strain poles pole foundations cables, messenger wires, and all other portions of the existing traffic signal which are not to be reused in the new installation.

With the exception of items to be relocated and incorporated into the new installations or whose removal is otherwise necessary to permit the installation of the new signal equipment, no item shall be removed until the new installation is in full operation unless otherwise directed by the Engineer.

*The signal heads and control equipment will be removed by and remain the property of the City of Mentor. The Contractor shall notify the City Engineer at least 48 hours prior to the necessity of removing any city equipment. All other equipment shall be removed by and will remain the property of the Contractor.*

Payment for "Item 202, Removal of Existing Signal Installation" will be made at the unit price bid per each intersection wherein existing signal equipment is to be removed.

## XXXV - COOPERATION - TRAFFIC CONTROL DEVICES

The separate traffic control device contractor shall notify the project engineers and the contractor(s) of the construction contract(s) affected by the provisions on this project immediately upon contract award, that a separate traffic control contractor is required to work within project work limits.

The following construction project(s) are contained within work limits of this separate traffic control project.

CONSTRUCTION PROJECT NO.	SECTION NO.	CONTRACTOR	SCH. COMPLETION DATE
1. LAK-20	7.92		

## XXXV - COOPERATION - TRAFFIC CONTROL DEVICES - Continued

The Separate contractor shall cooperate with the construction contractor(s) to arrange a suitable work schedule, subject to the approval of the Engineer in order to work and operate equipment within the construction contract work limits in order to carry out the provisions of this contract. The separate contractor shall notify the Engineer a minimum of forty-five (45) days prior to any scheduled field work. The Engineer shall in turn notify the affected parties that the work schedule has been approved and of the intended dates to start work within the construction contract(s).

Each contractor shall be held responsible for any damage by him, or his agents, to the work performed by the other contractor.

Compensation for the above cooperation shall be incidental to the various pay items included within this project.

## XXXVI - UNDERGROUND UTILITIES

Extreme caution should be exercised in areas with underground electrical conduit or cable, sewers, drains, water lines, or other underground utilities.

To assure accuracy in the locating of underground utilities the contractor will contact the Utilities Protection Service forty-eight (48) hours prior to any excavation. The toll free telephone number is area code 800, 362-2764.

The contractor is fully responsible for all damage inflicted on underground utilities in the excavation and placement of sign support foundations, protective guardrail, delineators and the like.

## XXXVII - COOPERATION WITH UTILITY COMPANIES

The contractor is advised that throughout these plans the utility companies have been called upon to perform necessary functions. The contractor shall cooperate with and arrange suitable work schedules, subject to the approval of the Engineer, to permit the utility companies to work and operate equipment necessary to carrying out these functions.

Compensation for the above cooperation shall be incidental to the various pay items included within this construction project.

## XXXVIII - 619 FIELD OFFICE

The contractor shall provide a suitable field office having a minimum of 300 square feet of floor space and, in addition to the requirements of Item 619, he shall provide and maintain sanitary provisions as per 107.06. All the above is included in the lump sum price bid for Item 619, Field Office.

## XXXIX - FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS

The contractor shall furnish, erect, maintain, and subsequently remove federal aid construction identification sign at the following locations:

1. South side of U. S. Route 20 west of State Route 306.
2. North side of U. S. Route 20 east of Hopkins Road.

Sign details shall be as specified on standard drawing FACI-1, N-54(1)-96-3 and the signs shall be erected in accordance with standard drawing FACI-2. Additional requirements shall be in accordance with notes in the proposal.

## 816 SIGNAL STRAIN POLE - GA. BY SIZE

*This item of work shall consist of furnishing and erection of poles as shown and specified in the plans.*

*Shafts shall be tapered tubes. Each pole shall be galvanized and include the furnishing of anchor bolts, Type III rigid ferrous metal 3" conduit ell and a 3/4" electrical metallic tubing ell for grounding lead for installation in foundations plus handhole with cover, J hook, pole clamp, and cable service entrance with blind half-coupling for each pole in accordance with details on sheet 42.*

*The poles shall be installed and adjusted to the proper rake so that the weight of the signal installation will not cause the poles to be off vertical alignment by more than 1%.*

*Basis of payment shall be at the contract bid price per each 816 Signal Strain Pole by ga. and size, including all labor, material, equipment and incidentals related to this item of work.*

## XLI - 625 CONTROLLER CABINET, 7.7 C.F.

The cabinet shall be clean-cut in design and appearance and shall conform to the following:

It shall be made of die cast aluminum alloy with a wall thickness of approximately one-quarter inch and minimum of 18,000 p.s.i. yield strength.

The minimum inside dimensions shall be: height 38", width 28" and depth 12/7/16"

The cabinet shall contain at least 7.7 cubic feet of usable volume.

Hinged door, with police panel, shall be provided on the front of the cabinet which shall include substantially the full area of the front of the cabinet.

All doors shall be fully gasketed with elastomeric gasketing material so that when closed they shall fit closely to the gasketing material, making the cabinet weather resistant and dust tight. Three point latching shall be provided for this purpose.

The door shall be provided with lock with permanent type lubrication and a weatherproof tab and furnished with two keys for both the door and the police panel.

An elbow vent shall be mounted on both sides of the cabinet base and shall be mechanically screened and baffled to protect against rain, dust and all types of foreign objects.

There shall be one bar door stop at approximately 135°.

The door pins, recessed to prevent break and entry, shall be grease-lubricated and fabricated of a non-corroding material.

Cabinet shall contain two cast metal or plywood (3/4") shelves for the support of traffic control equipment. The shelves shall be adjustable on a minimum of 1-1/2" centers from a minimum of 10" from the top of the cabinet to the bottom of the cabinet.

The cabinet shall be equipped with a police panel door and the following equipment: