

GENERAL NOTES

O.D.O.T. SPECIFICATIONS

Where specified, the current State of Ohio Department of Transportation Construction and Material Specifications (O.D.O.T. numbers) including supplemental specifications shall apply except as modified or expanded herein or in the technical specifications.

MAINTAINING TRAFFIC

The Contractor shall be responsible for maintaining and controlling traffic on all streets and roads affected by construction and shall, prior to any construction, submit a construction schedule to the City of Logan for approval indicating dates and duration of each phase of construction.

The Contractor shall notify the City of Logan, the Police Department, the Fire Department, and the local board of education at least 48 hours prior to making any changes in traffic patterns or street closing.

All construction signs and temporary traffic control and protection devices shall be erected and maintained in accordance with "Ohio Department of Transportation Manual of Uniform Traffic Control Devices for Streets and Highways," and O.D.O.T. item 614 - Maintaining Traffic.

Local motorists shall have access to their respective residences at all times, except during periods of construction which temporarily blocks access.

The Contractor shall give sufficient prior notice to property owners before closing any private drives. No private drives may be closed for more than seven (7) consecutive hours and shall be open to traffic at the beginning and end of each working day.

TEMPORARY SURFACES

Temporary surfaces where excavations are located in streets, drives and parking areas shall be furnished and placed by the Contractor and shall be fully maintained to minimize inconvenience to the public at no additional cost to the City.

The above described work shall be considered incidental to the completion of all work and shall not be a separate pay item.

ALIGNMENT CONTROL

The Contractor shall use a laser type instrument to secure both horizontal and vertical control for the actual installation of each piece of sewer pipe. The laser instrument shall project a light beam either along the grade of the centerline of the sewer or along a line parallel to the sewer grade and at a fixed known distance above the sewer grade. The laser equipment shall include the laser gun, targets and other accessories. The Contractor, as a minimum shall provide, by conventional methods, an offset hub at each manhole location and determine the amount of "cut" to the invert of the sewer for setting and adjusting the laser instrument.

The laser instrument, its operation, control and verification procedures are all subject to approval by the Engineer.

TRENCH PROTECTION AND BACKFILLING

The Contractor shall support all trenches and excavations in accordance with Rule 4121: 1-3-13 and Appendix to Rule 4121: 1-3-13 of the specific safety requirements of The Ohio Bureau of Workers Compensation relating to construction, latest edition.

Backfilling shall follow immediately behind construction and only the minimum length of trench required for construction shall be open at any given time.

UTILITY NOTIFICATION

The Contractor shall notify, at least 48 hours prior to construction, all public service corporations affected by the construction of this project, in accordance with the requirements of Amended Substitute House Bill No. 538, effective July 26, 1982. The following is a partial list of utility owners who must be notified:

- I. The City of Logan
- II. The City of Logan Water and Sewer Department
- III. The Ohio Utilities Protection Service
- IV. Columbia Gas of Ohio
- V. Ohio Power
- VI. GTE Telephone
- VII. Cox Communications

The Contractor shall have previously secured and shall comply with the regulations set forth by the respective public service corporations as listed above.

UNDERGROUND UTILITIES

The locations of the underground utilities shown on the plans have been obtained by diligent field checks and searches of all available records. It is believed that they are essentially correct, but neither the City of Logan nor the Engineer guarantees their accuracy or completeness.

The Contractor shall verify with the owners the locations of all public and private utilities which may be affected by construction. The location of utilities and structures, both surface and subsurface, are shown on the drawings from data available at time of survey and is not necessarily complete or correct. The exact location and protection of utilities and structures is the responsibility of the Contractor.

PROTECTION OF EXISTING UTILITIES AND PIPES

The Contractor shall be required, at his own expense, to do everything necessary to protect, support and sustain all storm sewers, water or gas pipes, service pipes, electric lights, power and telephone poles, conduit and other fixtures laid across or along the site of the work. The Engineer as well as the company or corporation owning said pipes, poles or conduits must be notified of the same by the Contractor before any such fixtures are removed or disturbed. In case any of the said sewer, gas or water pipes, service pipes, electric light, power and telephone poles, conduits or other fixtures are damaged, they shall be repaired by the authorities having control of the same, and the expense of said repairs shall be deducted from the monies which are due or to become due the Contractor under this contract.

Should it become necessary to change the position, or temporarily remove any storm sewers, sanitary sewer, electric conduits, water pipes, gas pipes or other pipes or wires in order to permit the Contractor to use a particular method of construction or in order to clear the structures being built, the Contractor shall notify the Engineer of the location and circumstances and shall cease work, if necessary, until satisfactory arrangements have been made by the owners of said pipes or wires to properly care for the same, no claims for damages will be allowed on account of any delay occasioned thereby. The entire cost of the changes or temporary removal must be included in the prices stipulated for the various items of work to be done under this contract.

No surface, ground or trench water shall be allowed to flow into existing sanitary sewers. Connections of new and existing sanitary sewers shall be kept plugged until acceptance of the new lines.

MONUMENTS, PROPERTY CORNERS AND BENCH MARKS

Monuments, property corner markers and bench marks shall not be disturbed by the Contractor. In the event that it is necessary to remove monuments, property corner markers or bench marks for the construction of the work, the Contractor

shall have a registered land surveyor properly reference the points and shall have same reset after construction has passed the area.

Any monuments, property corner markers, or bench marks which the Contractor fails to reset after notification of the Engineer, shall be reset by the Engineer at the expense of the Contractor. The cost of replacement shall be deducted from any monies due or to become due the Contractor under this contract.

CLEARING AND GRUBBING

This item shall include all clearing, grubbing, scalping and the removal and satisfactory disposal of trees, stumps, vegetation and debris as may be necessary for the completion of the work.

The Contractor shall take all necessary precautions to protect and save all trees which are adjacent to the line of work and shall remove only those trees which are designated for removal on the plans or directed by the Engineer. Tree roots and overhanging branches shall not be cut, except with special permission of the Engineer. When required, the cutting of roots and branches shall be done in a manner to leave a smooth end without splitting or crushing. The cut end shall be neatly trimmed and covered with grafting wax. All damage shall be repaired by the Contractor at his own expense to the satisfaction of the Engineer. Where miscellaneous small trees and shrubs are noted to be removed and reset, the cost of such work shall be considered incidental to the completion of the project. No separate payment will be made.

REMOVAL AND RESETTING OF MISCELLANEOUS ITEMS

The Contractor shall remove any mailboxes, street signs, yard lights, fences, lawn ornaments, etc. which could be damaged during the course of construction and reset same after construction has passed the area. The Contractor shall be responsible for any damage to private property. The cost of this work shall be considered incidental to the various bid items in the project. No separate payment will be made.

STORM SEWER AND CATCH BASIN REMOVAL

The Contractor shall remove and dispose of all existing storm sewers and catch basins where noted on the plans or where encountered during construction. The cost of removing and disposing of existing storm sewers shall be included in the unit prices bid for the sewer pipe. No separate payment will be made.

Unless otherwise noted on the plans, all salvaged drainage grates and manhole castings shall remain the property of the City of Logan and shall be delivered by the Contractor to the City Maintenance Building.

PAVEMENT, CURBING AND SIDEWALK REMOVAL

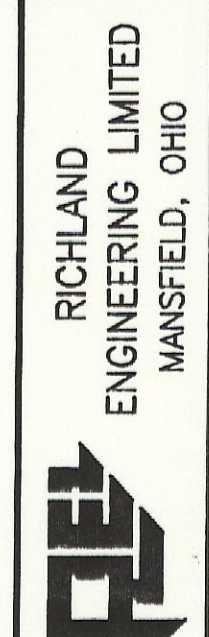
The Contractor shall remove and dispose of all existing pavement, curbing and sidewalks as necessary for the construction of the improvements herein. The broken pieces of pavement, curbing and sidewalks shall be disposed of by the Contractor, and shall not be offered as backfill for any portion of the project. Curbing, sidewalks and pavement edges shall be sawed in a neat, straight line.

The cost of sawing, removing and disposing of pavement, curbing, and sidewalks as necessary for the construction of the project shall be considered incidental to the other various bid items in the project. No separate payment will be made.

Existing pavement removal has been included in the quantities for excavation.

SAWED JOINTS

In removing the portions of existing rigid type pavement for the construction of the project and where the existing joints are not reasonably close, a neat sawed joint with a minimum depth of four inches (4") shall be cut with an approved power saw. Payment for additional costs involved in this operation shall be included in the price bid for the respective pavement replacement item.



DATE 9/95

JOB NO. 95099

REVIEWED

DRAWN HW

DESIGNED HEW

CHECKED

GENERAL NOTES

REALIGNMENT OF S.R. 664 AT HUNTER RD. CITY OF LOGAN, OHIO

95099GN Job No. 95099 Date 11/29/95 Drawn By HW, RMS