

# GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	5-522(3)	

MUSKINGUM COUNTY  
CO. RD. 55

4  
14

## FIELD OFFICE

The contractor shall, in accordance with Sec. S-0.01 (b), provide, for the exclusive use of the State's employees, a suitable field office having a minimum of 150 sq. ft. of floor space. The Contractor shall have a telephone installed and maintained in this field office during the construction of this project. The Contractor shall also provide and install wiring and outlets suitable for connecting electric lights and office equipment in the field office and provide 110-volt alternating current to the office during the entire period of construction of this project.

## UNDERGROUND UTILITIES

The locations of the underground utilities shown on the plans have been obtained by diligent field checks and searches of available records. It is believed that they are essentially correct, but the State of Ohio makes no guarantees as to their accuracy or completeness.

## ESTIMATED QUANTITIES

Specific locations and usage of estimated quantities set up on this plan to be used "as directed by the Engineer" shall be made a matter of record by incorporation into the final change order governing completion of this project.

## SUPERELEVATION

Superelevated curves shall be built without crown. The crown shall be worked out of the pavement in the portion between the beginning of the transition and the point where the superelevation equals twice the crown.

## CROWN AT RAILROAD CROSSING

The crown shall be worked out of the pavement on each side of the railroad crossing beginning 50 feet from the crossing by raising the edge of the pavement to meet the rail elevation, as shown on plans.

## ROUNDING OF CORNERS SHOWN ON CROSS SECTIONS

The rounded corners shown on Standard Drawing RI-1, as modified by the typical sections, apply to all cross sections, even though otherwise shown on these plans.

## UTILITY ADJUSTMENT

Any or all work required for Public or Private Utilities will be done by and at the expense of their respective owners, unless otherwise noted on these plans.

## CONSTRUCTION LAYOUT STAKES

See note in proposal describing the work included in this lump sum pay item.

## PAVEMENT REMOVAL OUTSIDE NORMAL CONSTRUCTION LIMITS

After the existing pavement has been removed, the old roadway shall be plowed, harrowed, and dragged to a smooth grade, the old ditches filled, and the entire area sloped to drain and left in a neat condition ready for seeding. Payment for this work shall be included in the unit price bid for Roadway Excavation, Item E-1. Seeding shall be measured and paid for in accordance with Item L-9.

## DRAINAGE OF BASE MATERIAL

Where the base material is drained by I-9 Stone Underdrains or by extensions of the subbase through the shoulders to the fill slope or the ditch line, the Contractor shall finish, seed, and mulch the slopes so as not to impede drainage of the base material. The actual area of the outcrop of the subbase material or the I-9 Underdrains shall not be seeded.

## SUBGRADE COMPACTION FOR DRIVES

The subgrade for drives and mailbox turnouts paved with B-19 material shall be compacted for a depth of six (6) inches to the density requirements shown in Table III, Item E-1. Payment for subgrade compaction, as specified above, shall be included in the unit price bid for Item E-1, Roadway Excavation.

## NON-RIGID PAVEMENT REMOVAL

Removal and disposal of existing non-rigid pavement, unless otherwise indicated on these plans, shall be measured and paid for as Item E-1, Roadway Excavation.

## PROTECTION OF PAVEMENTS

Self-propelled, crawler-driven machinery, equipped with cleats, shall not be operated on the existing pavement unless pads are fastened to tracks between cleats such that cleats will be prevented from making contact with the pavement. Crawler equipment shall be operated in a manner that damage to existing or new surface will not occur.

## SEEDING

Quantities for seeding are calculated for the soil areas between the work limits, as shown on the cross sections.

## SEEDING FORMULA

The following seed mixture shall, in lieu of the mixtures listed in Section L-9.11, be used throughout the limits of this project:

- 40% Kentucky Bluegrass (Poa pratensis)
- 15% Kentucky 31 Fescue (Festuca elatior)
- 30% Creeping Red Fescue (Festuca rubra)
- 10% Red Top (Agrostis alba)
- 5% White Dutch Clover (Trifolium repens)

## CONNECTIONS TO EXISTING PIPE

At places where the plans provide for proposed drainage pipe to be connected to existing pipes, it shall be the responsibility of the Contractor to locate the existing pipe both as to line and grade before he starts to lay the proposed pipe. The cost of this operation shall be included in the unit price bid for the pertinent pipe item.

## REMOVAL OF TREES AND STUMPS

The number and size of trees and stumps shown below for removal under the construction as detailed on these plans, are as nearly correct as available information permits. The State of Ohio will not be responsible for any variations found during construction. The lump sum bid for item E-9, Removal of Trees and Stumps, shall constitute full payment for this item and no additional compensation will be allowed. All trees and stumps within the construction limits shall be removed unless otherwise directed by the Engineer.

The number and size of trees are listed below:

2 - 24" to 30" - Trees

## PARTICIPATION

State funds will participate in all items of work proposed within the existing Right-of-Way of U.S.R. 22-40.

## EROSION CONTROL

Items I-10 are provided in these plans for erosion control. Rock of a stable nature will not be removed in order to place any of these items. The Engineer shall check and non-perform quantities or adjust locations and quantities for these items where indicated by field conditions during construction.

## SEALING OF PIPE JOINTS

Where connections are made between rigid and flexible pipe sections or between pipe sections of different kind or type of end fabrication, whether required by the plans, arising from permissible use of optional materials, or encountered in connection to existing facilities, the joint shall be sealed, if sealing is required by the specifications, by means of a Class "E" concrete collar having a minimum thickness of 6 inches and a minimum length of 12 inches. Payment for sealing as described above shall be included in the unit price bid for the pertinent pipe item.

## TEMPORARY CONNECTIONS

150cy. of T-10 Aggregate and 3 tons of M-10 Calcium Chloride are provided, for use at the direction of the Engineer, for temporary connections not shown on the plans.

## BORROW

It is anticipated that the embankment around the existing reservoir (at the New Concord Water Treatment Plant) may be obtained by the contractor for borrow purposes.

CONTINUED ON SHEET 6