

GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

656

MUS-146-12.25
COUNTY ROAD 604

DRIVE LOCATIONS:

Drive locations on this project may be varied at the direction of the Engineer provided there is no additional cost to the State.

FIELD OFFICE:

The Contractor shall provide a suitable field office having a minimum of 300 sq. ft. of floor space and in addition to the requirements of Item G13, he shall provide and maintain sanitary provisions as per 107.06. All the above is included in the lump sum prior bid for Item G13, Field Office.

BOUNDING OF CORNERS SHOWN ON CROSS SECTIONS:

The rounded corners shown on the typical sections, apply to all cross sections even though otherwise shown on these plans.

UNDERGROUND UTILITIES:

The locations of the underground utilities shown on the plans have been obtained by diligent field efforts and searches of available records. It is believed that they are essentially correct, but the State of Ohio does not guarantee their accuracy or completeness.

UTILITIES OWNERS:

Electric: Ohio Power Co., Canton, Ohio 43216
Telephone: Ohio Bell Telephone, 650 Orchard St. Zanesville Ohio 43701
Gas: Columbia Gas of Ohio, 99 N. Front St. Columbus Ohio 43216
Water: City of Zanesville Municipal Building 43701
T.V. Cable: Better T.V. Cable Co., 3rd St. Zanesville, Ohio 43701
Water: East Muskingum Water Authority, Rt 5 Zanesville, Ohio

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. Estimated quantities of materials shall not be ordered for delivery to the project unless authorized by the Engineer.

CONSTRUCTION LAYOUT STAKES:

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

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.

TRENCH FOR WIDENING:

Trench excavation for base widening shall be performed only on one side of the pavement at a time. The open trench shall be adequately maintained and protected with temporary guide markers or barricades at all times. Placement of proposed subbase and base material shall follow as closely as possible behind the excavation operations. The length of widening trench which is open at any one time shall be held to a minimum and shall at all times be subject to approval of the Engineer.

PROFILE:

The profile of the proposed asphalt concrete course shall be approximately 1" to 1 1/2 inches above that of the existing pavements, as indicated in the profile grade, from Sta. 28+25 to Sta. 31+36. (S.R. 146)

ITEM 203 PROOF ROLLING:

An estimated quantity for this item has been provided in the general summary for use in proof rolling of subgrade for the mainline in accordance with Supplemental Specification 501.

FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS:

The Contractor shall furnish, erect, maintain and subsequently remove Federal Aid Construction Identification signs at each of the following approximate locations:

Part I S.R. 146 - STA. 25+00 to Sta. 25+100 and STA. 48+00 to Sta. 48+100
Part II Co. RD. 604 STA. 163+50 to Sta. 163+60

Sign details shall be as specified on Standard Drawing FDOT-1 (Appendix C) 36(2), modified by deleting reference to "Your Highway Taxes At Work", "Federal Highway Trust Funds", "State Highway Funds" and "Ohio Department of Highways" and inserting in their respective positions "Your Highway Funds At Work", "Department of Highway Funds", "State Funds and State of Ohio". The sign shall be erected in accordance with Standard Drawing FDOT-1-2, "Additional requirements" shall be in accordance with notes in the proposal.

REMOVAL OF EXISTING PIPE:

The removal of all existing pipe drains which would normally be removed in various excavation items, shall be included for payment in the unit prices bid for the respective excavation items, unless otherwise itemized in the plans.

REMOVAL OF TREES AND STUMPS:

All trees and stumps specifically marked for removal within the construction limits of this project shall be removed under the lump sum price bid for Item 201 clearing and grubbing, except that those trees for which protection and preservation work is indicated elsewhere in these plans shall not be removed.

The following is an approximate number of trees and stumps to be removed.

SIZE	18"	30"	48"	60"
TREES	25	5		
STUMPS				

The above estimate is approximate and the State of Ohio reserves the right to order the removal of additional trees or stumps outside of the limits of construction but within the right-of-way and/or easement lines. Payment for the removal of these additional trees or stumps shall be included in the lump sum price bid for Item 201 clearing and grubbing.

PAVEMENT REMOVAL OUTSIDE NORMAL CONSTRUCTION LIMITS:

The existing pavement as indicated on the plans shall be removed and disposed of, the old roadway graded to the level of the surrounding ground, the old ditches filled, and disturbed areas sloped to drain and left in a neat condition ready for seeding. Seeding shall be measured and paid for in accordance with Item 650 seeding and mulching. Payment for the above work, except seeding shall be included in the unit price bid for Item 203.

LOCATIONS OF GUARDEIL:

The locations of guardrail runs as shown in these plans are subject to adjustment to assure that the planned installations will afford maximum protection for traffic.

SEEDING:

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

SPECIAL SEEDING PREPARATION AREAS:

The reference in the first paragraph of 652.03 preparation of the seed bed in front of residence etc., is considered to be particularly applicable to the entire project.

LOCATION OF CATCH BASINS:

Offset distances shown on the plans for catch basins are to the center of the basin. Flow line elevations for grate and windows are at the face of curb.

Offset distances and flow line of windows as shown on the plans for paved shoulder inlets are to the face of curb.

ITEM SPECIAL, DRILLED WELL ABANDONED:

The existing concrete or stone slab well cover and pumping equipment shall be removed and disposed of. The casing shall be cut off at least one (1) foot below the proposed finished grade outside proposed pavement areas or at least one (1) foot below the proposed subgrade elevation inside proposed pavement areas and capped with Class C concrete or a standard threaded pipe cap.

The unit price bid for each "Drilled Well Abandoned" shall include payment for all labor, tools, materials, and incidentals necessary to complete this item.

ITEM SPECIAL, CLEANING PRIVY VAULT:

Privy vaults shall be emptied and cleaned as directed by the Engineer.

The material removed from these vaults shall be classified as unsuitable and disposed of outside the limits of right-of-way or easement lines. The privy vaults shall subsequently be back-filled with suitable soil or granular material in accordance with 203.

This item shall be paid for at the unit price bid per each for "Item Special - Cleaning Privy Vault" which price and payment shall constitute full compensation for cleaning, removing and disposing of the unsuitable material, back-filling and for all labor, tools, equipment and incidentals necessary to complete this item.

CONNECTIONS TO EXISTING PIPE:

Where the plans provide for proposed conduit to be connected to, or to cross either over or under an existing sewer, 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 conduit.

Payment for all operations described above shall be included in the unit price bid for the pertinent 603 conduit items.

ITEM 605 AGGREGATE DRAINS:

Aggregate drains shall be placed at fifty (50) foot intervals on each side of normal crowned sections and at twenty-five (25) foot intervals on the low side only of super-elevated sections, except where Item 605 Pipe Underdrains have been provided.

An aggregate drain shall be placed at the low point of each sag vertical curve.

TEMPORARY RAILROAD CROSSING

If the Contractor desires a temporary railroad over the Norfolk and Western Railway track to be used in conjunction with the construction of this project, he shall make arrangements with the railroad and assume all cost for such crossing. The contractor shall not use the proposed new crossing as part of his haul road during construction of this project.

SPRING DRAINS:

Reference is made to the detailed drawing on Standard Drawing M-1 showing the method of draining any spring that may be shown on the plan or encountered during construction as determined by the Engineer. The following estimated quantities have been included in the general summary for this purpose:

Item 605 - 6" Unclassified Pipe Underdrain, 707.01 Type III or 707.12, 05 per plan 75 L.R. Part 1 & 75 L.R. Part 2
Item 605 - Aggregate drains for springs, 05 per plan.

The Contractor shall not order materials for "Spring Drains" until authorized by the Engineer and in the event no springs are encountered, the item shall be non-performed.

CALCULATED BY D.M. DATE 6-18-70
CHECKED BY J.D. DATE 10-27-70