

GENERAL NOTES

ROUNDING OF CORNERS SHOWN ON X-SECTIONS

The rounded corners shown on standard drawing RI-1 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.
Ohio Power Company Zanesville, Ohio

DESIGN SPEED:

The geometrics for this project have been planned for a design speed of 50 miles per hour.

CONSTRUCTION LAYOUT STAKES:

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

PROFILE:

The profile of the proposed surface course shall be approximately 1 inch above that of the existing pavement.

DRAINAGE OF BASE MATERIAL:

Where the base material is drained by I-9 Stone Underdrains, the contractor shall finish, seed, and mulch the slopes so as not to impede drainage of the base material.

REMOVAL OF TREES AND STUMPS:

All trees and stumps lying within the construction limits of this project shall be removed under the lump sum price bid for Item E-9, Removal of trees and stumps, 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 estimate of the number of trees and stumps to be removed.

SIZE	12"	14"	15"	18"	24"
TREES	1	1	2	1	2
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 E-9, Removal of Trees and Stumps.

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.

SEEDING:

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

ITEM T-10

AS PER PLAN:

All provisions of Item T-10, Traffic Compacted Surface Course shall be met except that N° 3 or N° 34 Aggregate shall be used.

Payment shall be at the unit price bid per cubic yard for Item T-10 Traffic Compacted Surface Course, as per plan.

The weights to be used in calculating the yardage of N° 3 or N° 34 aggregate shall be the same as those indicated in the construction and materials specifications for crusher run and bank run materials.

ITEM SPECIAL-FILL AND PLUG EXISTING CULVERT:

This item shall consist of the construction of bulkheads in the existing Stone and Concrete Culvert and filling the area thus sealed off with sand or other granular material approved by the Engineer.

Bulkheads shall be located at the limits of the area to be filled as indicated on the plans. The bulkheads shall consist of brick or concrete masonry with a minimum thickness of 12 inches.

The fill material shall be pumped into place or placed by some other means approved by the Engineer, so that, after settlement, at least 90 percent of the cross-sectional area of the culvert for its entire length shall be filled. The footage of filled and plugged culvert to be paid for shall be the actual number of linear feet (measured along the centerline of the culvert from outer face to outer face of bulkheads), filled and plugged as described above. The footage, measured as provided above, shall be paid for at the contract unit price bid per linear foot for "Item Special, Fill and Plug existing Culvert, which price and payment shall constitute full compensation for furnishing, hauling, and placing all the necessary materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

EROSION CONTROL:

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

ITEM I-9 STONE UNDERDRAINS, N° 2:

Stone Underdrains shall be placed at fifty (50) foot intervals on each side of normal crowned sections or at locations determined by the Engineer.

ITEM T-30 TACK COAT:

Although this item has been estimated for use on the entire existing bituminous pavement area to be resurfaced, it shall be used only on dry or checked pavement areas where specifically directed by the Engineer. Payment will be made on final measurement.

PART WIDTH CONSTRUCTION:

Because of the necessity of building portions of this project under traffic and constructing the pavement part at a time, extreme care shall be taken to prevent the construction of a butt joint on centerline in the B-21 and I-22 courses.

This shall be accomplished by building the I-22 course, placed with the first portion of the pavement built at least eighteen (18) inches beyond the centerline and by surfacing no closer than eighteen (18) inches to this edge of the above course. When the second portion of the pavement is built, at least six (6) inches of the projecting I-22 course shall be broken down and thoroughly keyed in with the newly placed corresponding course in the second portion of the pavement built. Payment for this operation shall be included in the unit prices bid for the pertinent pavement items.

NO BURNING ORDINANCE:

The Contractor's attention is drawn to the fact that the City of Zanesville has an ordinance to the effect that no burning of trees or trash is permitted inside the corporation limits.

SUBGRADE COMPACTION:

In lieu of the requirements of Sec. E-1.09(a), the subgrade shall be compacted to a depth of six inches to the density requirements in Table II, Item E-1. Payment for subgrade compaction shall be included in the unit price bid for Item E-1 Roadway Excavation.

MAINTAINING TRAFFIC, ITEM I-3:

Two-way traffic shall be maintained at all times by use of the existing pavement, the proposed pavement or temporary roadways surfaced with T-10 aggregate and stabilized with Item I-4 calcium chloride except that one-way traffic will be permitted for minimum periods of time consistent with the requirements of the specifications for protection of completed asphaltic concrete courses. One-way traffic will also be permitted during installation of proposed 72" pipe culvert by employing part width construction methods, as directed by the Engineer. Provisions shall be made by the Contractor to provide two-way traffic on this project at all times during non-working hours.

The following estimated quantities are included in the general summary for use as directed and in amounts requested by the Engineer for maintaining traffic.

T-10 Traffic Compacted Surface Course 2.5 Cu. Yds.
T-10 Traffic Compacted Surface Course, as per plan 2.5 Cu. Yds.
I-4 Calcium Chloride for Dust Control 1 Ton