

GENERAL NOTES

ITEM 619 FIELD OFFICE:

The Contractor shall provide a suitable field office having a minimum of 300 sq. ft. of floor space.

ROUNDING 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 checks 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.

UTILITY OWNERS:

Gas Columbia Gas, 99 N. Front St., Columbus, Ohio
Power Ohio Power Co., 301 Cleveland Ave., Canton, Ohio
T.V. Cable Better TV of Zanesville, 48 N. 3rd St., Zanesville, Ohio
Telephone Ohio Bell Telephone, 840 Orchard, Zanesville, Ohio

Sanitary Sewers Sanitary Sewer, Zanesville, Ohio
Water Water Department, 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.

ITEM 407 TACK COAT:

The Tack Coat and Cover Aggregate Operation shall be as determined at a Pre-Construction Conference as per 407.05.

LOCATION OF CATCH BASINS:

Offset distances, and flow line elevations for grate and windows, shown on the plans for No. 3, No. 3-A and No. 6 catch basins, are to the face of curb.

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.

ITEM 660 SODDING:

Quantities for sodding are calculated for the soil areas between the construction limits as shown on the line sheets.

ITEM 612 EROSION CONTROL:

Item 660 is provided in the plans for erosion control. Rock or turf of a stable nature will not be removed in order to place this item, and turf of a stable nature will not be removed in order to place Item 660. The Engineer shall check and non-perform quantities or adjust locations for quantities for this item where indicated by field conditions during construction.

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.

UNRECORDED SANITARY CONNECTIONS:

Any unrecorded active connection to a sanitary sewer encountered during construction shall be reconnected to the existing sewer as directed by the Engineer.

The following estimated quantities have been included in the General Summary for the work noted above:

Item 603 100 L.F. 6" Conduit, Type B, 706.08 With Joints as per 706.12
Item 603 100 L.F. 8" Conduit, Type B, 706.08 With Joints as per 706.12
Item 602 5 Cu. Yds. Concrete Masonry
None of the above materials shall be ordered by the Contractor until authorized by the Engineer.

HOUSE CONNECTIONS:

Existing roof drains, footer drains or yard drains disturbed by the proposed work shall be provided with unobstructed outlets by connecting to a storm sewer, manhole, catch basin or through the curb.

The location, type, size and grade of required replacements will be determined by the Engineer during construction. For Typical Detail, see sheet 21.

The following estimated quantities have been included in the General Summary for the work noted above:

Item 603 200 Lin. Ft. 4" Conduit Type E, 711.29
Item 603 200 Lin. Ft. 6" Conduit Type F
Item 603 200 Lin. Ft. 6" Conduit Type E, 706.01 or 706.08
None of the above materials shall be ordered by the Contractor until authorized by the Engineer.

ELEVATIONS:

All elevations refer to U.S.G.S. Datum.

WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL:

The following estimated quantities are to be used as directed by the Engineer for erosion and siltation control measures:

Item 207 Temporary Seeding and Mulching 700 Sq. Yds.
Item 659 Water 2 M. Gals.
Item 207 Temporary Slope Drains 40 Lin. Ft.
Item 207 Temporary Benches, Dikes, Dams and Sediment Basins 5 Cu. Yds.
Item 659 Mowing 8 M. Sq. Ft.
Item 659 Commercial Fertilizer (12-12-12) 1 Ton
Item 659 Repair Seeding and Mulching 200 Sq. Yds.
Item 207 Straw or Hay Bales 40 Each

Quantities carried to General Summary, Sheet 7

SANITARY FLOW INTO HIGHWAY DRAINAGE SYSTEMS:

This plan makes no provision for connecting, nor shall the Engineer or Contractor connect, any existing or new drainage into the highway drainage system when such drains carry flow from any plumbing fixtures including floor drains and sink drains or drains from livestock lots or barns.

Existing pipe carrying flow which comes within the category outlined above shall be plugged with Class C concrete at the right-of-way line. Payment for said plugging shall be included in the unit price bid for Item 203 Excavation.

TREES AND STUMPS REMOVED:

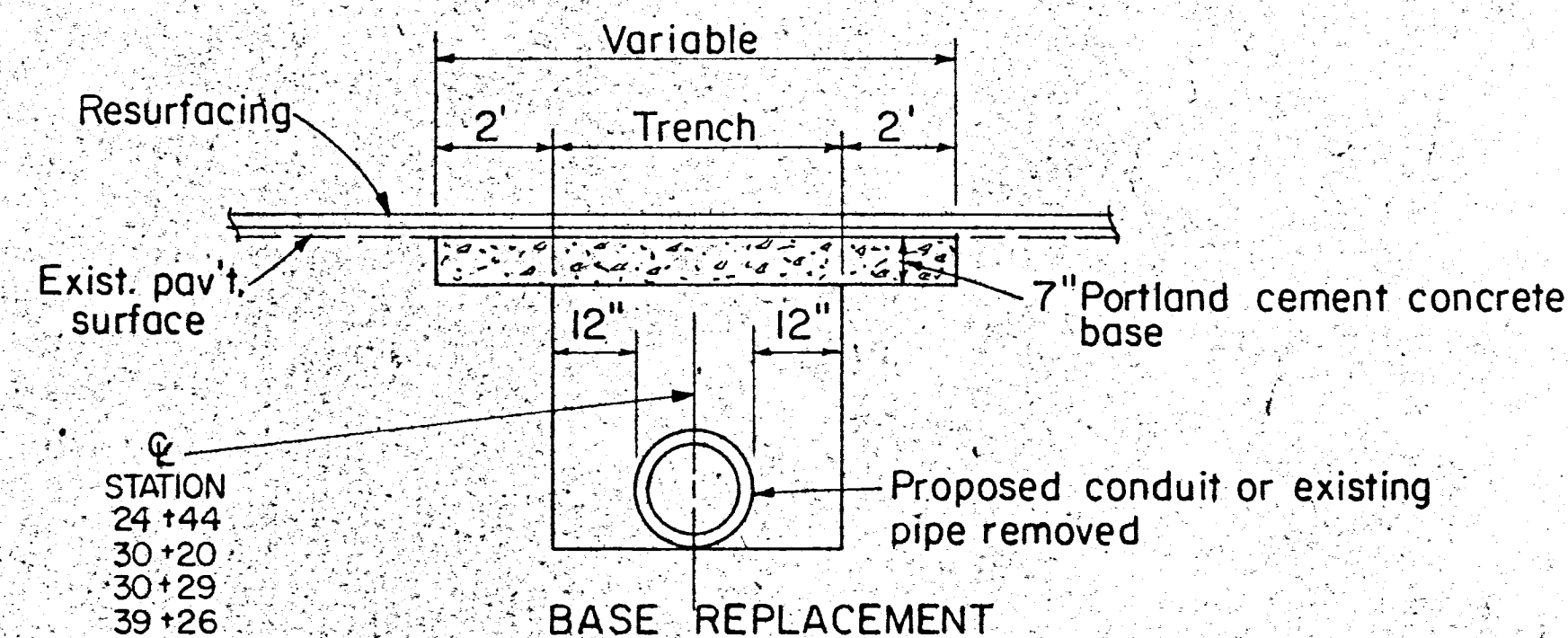
All trees and stumps specifically marked for removal within the right-of-way limits of this project shall be removed under the each price bid for Item 201 Trees or Stumps Removed.

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

Sizes	No. Trees	No. Stumps	Total
18"	8	2	10
30"	2	0	2
48"	0	1	1

Quantities Carried
To Sheet 7

ITEM 305 PORTLAND CEMENT CONCRETE BASE:



Item 305 Portland cement concrete base 77 Sq. Yds.

A quantity of Item 305 Portland cement concrete base has been included in the General Summary for base replacement.

The base replacement shall be installed as shown in this detail and as indicated by the shaded areas on the plan sheets.

ITEM 202 CATCH BASIN ABANDONED AS PER PLAN:

The existing Catch Basin shall be removed to the Elevation as shown on the plans, the remaining portion of the Catch Basin shall remain in place and sealed with a concrete cap. The cap shall be 6" thick and cover the outside perimeter of the existing basins. The cap may be pre-cast or cast-in-place or in a manner acceptable to the Project Engineer. The concrete shall be class C and the cost to be included in the unit price bid for Item 202 Catch Basin Abandoned As Per Plan.

All existing hardware shall be stored on the project for disposal by the City of Zanesville.

MAINTENANCE OF LOCAL TRAFFIC:

In addition to the requirements for maintaining traffic as indicated in the Ohio Manual of Uniform Traffic Control Devices the following requirements shall apply:

Two weeks before starting work on this project the Contractor shall notify the City of Zanesville, Department of Public Works.

The Contractor shall provide, erect, maintain and remove barricades as shown on sheet 2 and as detailed on Standard Drawing MC-3.

Even though Taylor Street and side approaches may be closed to through traffic, local vehicular and pedestrian movements for the residents adjacent to the improvement shall be maintained at all times by use of the existing pavement, the proposed pavement and the temporary roadways on the shoulders surfaced with Item 410 Aggregate and stabilized with Item 616 Calcium Chloride.

The limits and duration of use of temporary roadways shall be held to an absolute minimum and in all cases shall be subject to the approval of the Engineer.

Item 410 Traffic Compacted Surface, Type A or B 800 Cu. Yds.
Item 410 Traffic Compacted Surface, Type C 800 Cu. Yds.
Item 616 Calcium Chloride 16 Tons
Item 616 Water 50 M. Gals.

ITEM 202 MANHOLE ABANDONED AS PER PLAN:

The existing concrete cap shall be carefully removed for re-use. The existing side walls of the manhole shall be removed 2' below the existing cap. The remaining portion of the Manhole shall remain in place, and the existing concrete cap reset in a bed of mortar or concrete. All labor, materials, tools, equipment and any in required to complete this item shall be included in unit price bid for Item 202 Manhole ABANDONED AS PER PLAN.

All existing hardware shall be stored on the project for disposal by the City of Zanesville.

DETOUR ROUTING:

The City of Zanesville shall be responsible for erecting and maintaining the proposed detour routing as shown on sheet 1.