

GENERAL NOTES

Calc. By J.C.N. 10-22-73
Ckd By P.D.H. 10-22-73

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REGISTERED ARCHITECTS, INC.
NEW PHILADELPHIA
MANSFIELD

ITEM 614, MAINTAINING TRAFFIC

The Contractor shall maintain traffic at all times in accordance with the requirements of Item 614. The length of one-way traffic zones shall be kept to a minimum consistent with the requirements of the work. Maximum use shall be made of the existing pavement for traffic maintenance, holding the length and duration of use of temporary traffic lanes to an absolute minimum and in all cases subject to approval of the Architect.

Temporary traffic lanes shall be surfaced with 410 aggregate, stabilized with 616 calcium chloride and maintained daily in a manner satisfactory to the Architect. Two-way traffic lanes shall be surfaced with aggregate at least 20 ft. wide. One-way traffic lanes shall have the surface aggregate not less than 12 ft. wide.

The following estimated quantities have been carried to the General Summary to be used as required for the purpose of maintaining traffic.

Item 410 - Traffic Compacted Surface, Type A or B	60 Cu. Yd.
Item 410 - Traffic Compacted Surface, Type C	190 Cu. Yd.
Item 616 - Calcium Chloride	5 Tons

Item 404 - Asphalt Concrete or approved Bituminous pre-mixed surface course.	25 Cu Yd.
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All of the above shall be included for payment in the unit price bid for Item 614, Maintaining Traffic except Items 410, 616 and 404.

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.

UTILITIES

The Contractor shall co-operate with the utility companies by arranging his work in such a manner that needless confusions shall be avoided. The Contractor shall notify, at least seven (7) days before breaking ground, all public service corporations having wire, poles, conduit, manholes or other structures which may be affected by the project, including all structures which are affected but are not shown on the contract plans. Any and all work required for public or private utilities shall be done by and at the expense of their respective owners unless otherwise noted on the contract plans. The Contractor shall be responsible for the resetting of hydrants and the adjusting of valve boxes and sanitary manholes to grade.

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 Consultant does not guarantee their accuracy or completeness.

ITEM 659, SEEDING AND MULCHING

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

ITEM 605, AGGREGATE DRAINS

Aggregate drains shall be placed at twenty five (25) foot intervals on the left from Sta. 27+50 to Sta. 47+75 and on the right from Sta. 22+75 to Sta. 25+25. An aggregate drain shall be placed at the low point of each sag vertical curve.

PIPE ENDS

All culverts, whether terminating in headwalls or endwalls, shall begin and end with pipe ends as normally fabricated by the manufacturer. Ends shall not be cut to fit either skew or slope. If field cutting is found to be necessary to fit an exact length control, the cut end shall be located at an interior joint and cradle, collar or band shall be provided to assure a stable joint. Payment for the joint shall be included in the unit price bid for the pertinent 603 conduit item.

EROSION CONTROL

Item 667 is provided in the plans for erosion control. Rock of a stable nature will not be removed in order to place this item. The Architect shall check and non-perform quantities or adjust locations and quantities for this item where indicated by field conditions during construction.

ITEM 207, TEMPORARY WATER POLLUTION, SOIL EROSION, AND SILTATION CONTROL

A temporary siltation basin shall be provided as shown on the contract plans and shall meet the requirements of Item 207. The excavated material shall be stockpiled on the owner's property during the life of the proposed basin. At a point in time when the new landscaping is well protected by grass and sod, the proposed basin shall be cleaned and refilled to its original contours and the outlet ditch from the proposed culvert shall be completed to the line and grade shown on the contract plans. No work shall be done for the above described work unless specifically directed by the Architect.

Payment for the above described work, including all earthwork, additional channel protection, additional slope protection, baffles, and prevention of erosion of the stockpile shall be included in the unit price bid for Item 203, Excavation. (For Quantities, See Sheet No. 25-A)

The following estimated quantities have been carried to the General Summary to be used as directed by the Architect for Temporary Control Measures other than those described above:

Item 207 - Temporary Seeding and Mulching	6450 Sq Yd.
Item 207 - Temporary Benches, Dikes, Dams and Sediment Basins	25 Cu. Yd.
Item 207 - Temporary Slope Drains	630 Lin Ft.
Item 207 - Mowing	53 M. Sq. Ft.
Item 659 - Commercial Fertilizer (12-12-12)	0.29 Tons

ITEM 601, ROCK CHANNEL PROTECTION

Rock channel protection shall be placed in the outlet ditch of the proposed culvert at Sta. 36+00 and shall meet the requirements of Item 601. Rock shall be initially placed adjacent to the outlet for a length of 15 feet in the new ditch; the remainder of the rock channel protection shall be placed to the line and grade shown on the plans after cleaning and refilling of the temporary siltation basin previously described.

Payment for the above described item including all labor, equipment and materials shall be included in the unit price bid for Item 601, Rock Channel Protection.

Any damage to the unprotected ditch caused by erosion prior to the placement of rock shall be repaired by the Contractor under the provisions of Item 207.

ITEM 616, WATER

Water necessary for Item 614, Maintaining Traffic (approximately 5 M. Gal.), for Item 207, Water (approximately 14 M. Gal.), and for compaction requirements during construction, will be made available at no cost to the Contractor and will be obtained from the site of the new building to be constructed as part of Project No. 2.