

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	
2	OHIO		

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181

LAKE COUNTY  
LAK-615-3.26

# GENERAL NOTES

## RESILIENT AND FLEXIBLE GASKET JOINTS

The part of Specification 603.06 pertaining to resilient and flexible gasket joints shall be modified to require that the joints sustain a maximum limit of 400 gallons per inch of internal diameter per mile of sewer per day when field tested for infiltration.

## MANHOLES, INLETS, AND CATCH BASINS

It shall be the Contractor's responsibility to construct the inlets and catch basins so that they are oriented correctly and conform in elevation with the ditches and gutters that they are intended to serve.

The top elevation shown on the plans is the top of casting for manholes, normal flow line elevation in ditches for catch basins and inlets, and normal gutter elevations for curb inlets and catch basins.

Stationing and distance right or left to manholes, and catch basins and inlets in ditches is to the center of the manhole, catch basin, or inlet. The stationing point on the No. 3 catch basin is at the face of the curb at the center of the catch basin. The stationing point on the No. 2A paved shoulder inlet is at the face of the curb at a point 2 feet from the downstream end of the inlet.

All No. 2A paved shoulder inlets shall be constructed using the concrete apron as detailed on Standard Construction Drawing I-2A. Payment for aprons shall be included in the unit price bid for paved shoulder inlets.

## PIPE CUT OFFS

When bell and spigot pipe is used, any necessary pipe cut offs will be made at the spigot end of the length of pipe adjacent to the end length. When tongue and groove pipe is used, the length of pipe next to the end length shall be cut and butt joint formed with a concrete collar in accordance with Standard Construction Drawing MC-4.

## EROSION CONTROL

Items 601 and 660 are provided in the plans for erosion control. Rock of a stable nature shall 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.

## CONTRACTION AND EXPANSION JOINTS

Although specific locations of certain expansion and contraction joints have been detailed on this plan, no waiver of the specifications is intended. Provision of expansion joints at all major structures and the maximum spacing between contraction joints shall in all cases be in accordance with Standard Construction Drawings and the Specifications.

## ITEM 310 - SUBBASE, GRADING A, AS PER PLAN

Material for this item shall contain not more than 10% passing No. 200 sieve after all operations of spreading and compaction.

## MAINTAINING TRAFFIC

### SR 615

Sta. 2+42 to 64+31: SR 615 may be closed to through traffic. Passenger vehicles shall be detoured on Forest View Ave., Acacia Ave., Hart St., a temporary road using class A pavement, and Service Rd. D. Before closing SR 615, portions of the detour route shall be resurfaced as detailed on Sit. 2. The following estimated quantity has been included in the general summary to provide additional leveling material, and shall be used as directed by the Engineer. Item 402 Asphalt Concrete 100 C.Y. A separate truck detour shall be established on S.R. 84 and S.R. 306.

Sta. 64+31 to 79+81: Two-way traffic shall be maintained at all times by use of either the existing pavement, the proposed pavement, or temporary roadway surfaced with Item 410 Aggregate and Stabilized with Item 616 Calcium Chloride.

Special care shall be exercised to maintain high quality facilities for pedestrian access to the school at the intersection of SR 615 and USR 20. The following estimated quantity has been included in the General Summary, for use as directed by the Engineer to perform the work noted above.

Item 615 Temporary Walk, 4" Concrete 1,000 s.f.

### USR 20

Two-way traffic shall be maintained at all times by use of either the existing pavement or the proposed pavement.

### Esther Street, Prospect Street, Nowlen Street and Kelly Drive

These streets may be closed to through traffic.

### Tyler Boulevard

Two-way traffic shall be maintained at all times by use of either the existing pavement, the proposed pavement, or temporary roadways surfaced with Item 410 aggregate and stabilized with Item 616 calcium chloride. Quantities shown on sheet 6.

## 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.

## MONUMENTS

Monuments shall be constructed in accordance with details shown on Standard Drawing MC-1. For locations, see sheet No. 154.

## LOCATION OF GUARDRAIL

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

## TEMPORARY WATER POLLUTION, SOIL EROSION & SILTATION CONTROL

The following estimated quantities are to be used as directed by the Engineer for temporary control measures. For details see the note in the Proposal.

Special, Temporary Seeding & Mulching	41,000 S.Y.
Special, Commercial Fertilizer (12-12-12)	1.85 Tons
Special, Water	20 M. Gals.
Special, Temporary Slope Drains	400 Lin. Ft.
Special, Temp. Benches, Dikes, Dams & Sediment Basins	1200 C. Y.

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