

# GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

12  
394

LAKE COUNTY  
LAK-2-0.00

## TRAFFIC NOTE

### CAMPBELL (E 337)

Traffic shall be maintained at all times.  
A minimum roadway clearance of 14' horizontal and 12' vertical and a pedestrian passageway, 5' min. width by 7' min. height shall be provided during construction of bridge over Campbell.

### RUSH (E 305) AND BEIDLER (E 361)

May be closed to through traffic during construction of the bridges.

### LL OYD (SR 633) & WORDEN

Two way traffic shall be maintained at all times.  
An effective roadway clearance of 28' horizontal with a 12' min. vertical clearance and a pedestrian passageway, 5' min. width by 7' min. height shall be provided at Lloyd and at Worden during bridge construction.

### ST. CLAIR (FROM VINE ST. TO STEVENS BLVD.)

Shall be closed to traffic.

### VINE ST. (SR 640)

Two way traffic shall be maintained on Vine St. The most northerly 14' lane on Vine St. shall be constructed first, keeping two way traffic on existing pavement. Then using the new north lane and the most southerly lane of existing pavement two way traffic shall be maintained while an additional lane of new pavement is constructed. Construction shall proceed in this manner until Vine St. is fully widened. Construction of the 15 foot sectional metal structure shall precede the new pavement construction.

### LAKELAND BLVD.,

Two way traffic shall be maintained on Existing Lakeland Blvd. until such time that Relocated Lakeland Blvd. can be constructed. Estimated Quantities of Aggregate and Calcium Chloride for maintaining traffic on Existing Lakeland have been provided for during construction of the 15 foot sectional corrugated metal structure. Two way traffic shall be maintained on Lakeland Blvd. in the vicinity of the retention reservoir during construction of the 54" diameter pipe culvert. Two way traffic shall be maintained on Lakeland Blvd. in Wickliffe during widening and resurfacing.

## NOTE:

In lieu of the above method of maintaining traffic the Contractor may submit to the Director, for approval, a written detailed schedule of work procedure and sequence of construction operations of his alternate methods of maintaining traffic. No alternate plan shall be placed into effect until approval has been granted, in writing, by the Director.

## PROTECTION OF TRAFFIC

The Contractor shall safeguard the traveling public on Lloyd Rd., Worden Rd., Campbell Rd. & Vine St. by providing platforms, nets or other suitable protection above the traveled lanes during overhead bridge construction. Payment for this protection shall be included in the lump sum price bid for "Maintaining Traffic."

## CONSTRUCTION LAYOUT STAKES

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

## SEEDING

Quantities for seeding are calculated for the soil areas between the right-of-way fence lines, between the right-of-way lines in unfenced areas, and within the work limits for areas outside the right-of-way lines covered by work agreement or slope easement. See continuation of seeding note shown elsewhere on this sheet.

## GUARD RAIL CONNECTION TO BRIDGE PARAPET

Details of anchors for connecting deep steel beam guard rail to bridge parapets are shown in the bridge plans (See Sheet No 394). One (1) additional guard rail post shall be provided in the center of each panel of guard rail adjoining the parapet, payment for which shall be included in the unit price bid for item I-15, Guard Rail.

## CONNECTIONS TO EXISTING PIPE

At places where the plans provide for proposed drainage pipe to be connected to existing pipes, 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 pipe. The cost of this operation shall be included in the unit price bid for the pertinent pipe item.

## EROSION CONTROL

Items I-10, I-14 & L-10 are provided in these plans for erosion control. Rock of a stable nature will 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 during construction.

## ROCK SUBGRADE

The Contractor shall be paid for the thickness of I-22 material shown on the typical sections in rock excavation areas. Any pockets in the rock below the plan subgrade elevation shall drain either longitudinally or laterally and all irregularities in the rock below this elevation shall be filled with I-22 material at no additional cost to the State.

## EXPANSION AND CONTRACTION JOINTS

Although specific locations of certain expansion and contraction joints have been detailed on this plan, no waiver of the specifications or standard drawing requirements 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 drawing T. J.

## HEAVY EQUIPMENT

The Contractor shall exercise care in the use of heavy equipment over finished work and will be required to remove and replace any completed work destroyed thereby. Culverts shall be backfilled to a height of four feet before loaded earth-moving equipment is permitted to cross the trench. Any additional fill and subsequent excavation required to provide this minimum cover shall be made at no additional cost to the State. Heavy equipment shall not be operated over any completed layer of embankment, compacted subgrade, or subbase if such operation tends to destroy the soil structure or pipe underdrains; however, if such operation cannot be avoided, the Contractor will be required to reduce the size of loads to an

HEAVY EQUIPMENT (Cont'd)  
extent that damage does not occur.

## 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.

## I-22 SUBBASE GRADING

I-22 subbase grading A & B, as per plan, material for this item shall meet the requirements for I-22 grading A or B except that for both gradings the percent passing the No 200 sieve shall not exceed ten.

## ITEM I-8 USING SALVAGED CASTINGS

In lieu of furnishing new castings for these items, suitable castings removed and stored under item I-16 and approved by the Engineer shall be used.

## REFERENCES TO NO 2-B GUARD RAIL

All references to No 2-B Guard Rail appearing in these plans shall be considered to read No 2-A Guard Rail.

## STORM SEWER ON LAK-2-4.42

The 24" sewer outlet must be completed on LAK-2-4.42 section prior to 24" sewer construction at end of this job. See Sheet No 45.

## SEEDING (Cont'd)

Seeding formula for all seeding areas shall be in accordance with the following:

65% Kentucky 31 Fescue  
25% Kentucky Bluegrass  
5% Redtop  
5% Alsike Clover

Quantities for local road seeding includes all soil areas between the work limits, as shown on the cross sections, except for S.R. 2, S.R. 633 & S.R. 640 where seeding limits shall include all soil areas between lines ten (10) feet outside the work limits, as shown on the cross sections, or to the right-of-way lines if such lines are less than ten (10) feet from the work limits.

## AGRICULTURAL LIMING MATERIALS

The location and need for agricultural liming materials will be determined by field tests after rough grading operations have been performed. Quantities of agricultural liming material as shown on the plans are sufficient for the entire project, but will be non-performed for the areas where tests show that the liming material is not needed.

## CHANNEL EXCAVATION

Channel excavation quantities for Bridges No LAK-2-0304 and LAK-2-Marginal Road have been estimated and carried to the Structure Quantities on Sheets 365 and 372 respectively. Channel cross sections will be furnished at the time of construction.

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