

GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

11
394

LAKE COUNTY
LAK. 2-0.00

DESIGN SPEED

The Geometrics for this project (LAK 2-0.00) have been planned for a design speed of 60 miles per hour.

FIELD OFFICE

The Contractor shall provide a suitable office for the exclusive use of the State Employees, in accordance with sec. S-0.01 (b), having a minimum of 500 Sq. Ft. of floor space. The Contractor shall have a telephone installed and maintained in the field office during the construction of this project. The Contractor shall also install wiring and outlets suitable for connecting to office equipment and provide 110 volt alternating current during construction of this project.

ROAD NAME SIGNS

All county or city road or street name signs that will be disturbed by the construction shall be carefully removed and stored by the Contractor for disposal by their respective owners. Payment for this operation shall be included in the unit price bid for roadway excavation.

CO-OPERATION BETWEEN CONTRACTORS

The work covered by these Plans adjoins other construction sections of S.R.2 to the West and to the East. In the event that construction on the adjoining sections is being carried on simultaneously with this section, the Contractor shall plan and co-ordinate his work with that of the other Contractor(s) so that a minimum of interference and inconvenience will result.

UTILITIES

The Contractor shall notify at least 48 hours before breaking ground all Public Service Corp. or Municipalities having wire, poles, pipe, conduits, manholes or other structures that may be affected by this operation, including all structures which are affected & are not on these Plans. Any and 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.

UNDERGROUND UTILITIES

The locations of the Underground Utilities shown on the Plans have been obtained by field checks and searches of available records. It is believed that they are essentially correct, but the State of Ohio makes no guarantees as to their accuracy or completeness.

SUBGRADE COMPACTION FOR DRIVES

The subgrade under B-19 or T-70 material used on drives shall be compacted for a depth of six inches (6") to the density requirements of Table III in Item E-1. Payment for subgrade compaction as specified above, shall be included in the unit price bid for Roadway Excavation, Item E-1.

INLET-MANHOLE REBUILT

The work to be performed under this item is as follows & or as directed by the Engineer. The upper portion (approximately 3.5 feet) of the structure shall be removed and rebuilt to grade. All work to be in accordance with Details and Specifications of Std. Dwg. I-8 Std. M.H.#1. New Manhole casting to be furnished as per Plan.

BERMS AND SLOPES

Berms and Slopes shall be finished in accordance with the Typical Sections, except where otherwise shown in the Cross Sections. While the Cross Sections as drawn show straight lines and angles, in construction all corners shall be rounded as shown on the Typical Sections.

REMOVAL OF TREES AND STUMPS

The size and number of trees and stumps shown below for removal are as nearly correct as available information permits. The State of Ohio will not be responsible for any variations found during construction. The lump sum bid for Item E-9, removal of trees and stumps, shall constitute full payment for this item, and no additional compensation will be allowed. All trees and stumps within the limits of the Limited Access Right of Way on the main line and the work limits on marginals, cross roads, and channel improvement shall be removed unless otherwise directed by the Project Engineer. Trees to be removed will be conspicuously marked by the Engineer.

Trees 12"-18"	1690	Stumps 12"-18"	60
18"-24"	230	18"-24"	20
over 24"	100	over 24"	10
Sub Totals	2020		90
TOTAL	2110		

CONTROL AND REFERENCE

Control and Reference Points for Ramps, Marginals, Relocated Lakeland, and Cross Streets are on file at the Division Office.

EXISTING FLEXIBLE PAVEMENT

Within the limits of construction where the Existing Flexible Pavement will have less than six (6) inches of fill placed upon it, the pavement shall be thoroughly scarified for its full depth, mixed with sufficient soil and properly recompacted to insure the elimination of any plane of separation between it and the embankment placed thereon. Outside the limits of construction the Existing Flexible Pavement shall be thoroughly scarified, mixed with sufficient soil and shaped to fit the surrounding terrain in such a manner as to insure the growth of seed planted thereon. Payment for all the above shall be included in the unit price bid for Roadway Excavation, Item E-1.

SUBBASE COURSE OR STONE UNDERDRAIN

In the final finishing of slopes and ditches, care shall be exercised to assure that the exposed edge of the Subbase Course or Stone Underdrain will be left free of any cover that would impede free drainage.

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.

ABANDONED SEWERS AND DRAINS

The Contractor shall plug or bulkhead all existing sewers and drains which were or are to be abandoned encountered on the project. The Contractor shall provide all materials, labor and equipment to seal the sewers and drains in a manner satisfactory to the Engineer. All costs pertaining to this item of work shall be included in the unit price bid for Item E-1 "Roadway Excavation." Satisfactory sealing shall consist of constructing an 8" thick brick masonry bulkhead or equivalent inside the sewer or drain.

WATER MAINS

All water works items shall be in accordance with the Standard Specifications of the City of Cleveland, Department of Public Utilities, Division of Water and Heat, on file in room 624 Lincoln Building.

GRADING TOLERANCES

For areas in front of residences and for areas between curb and sidewalk (Vine St., Rush Rd. [E. 305] Relocated Lakeland Blvd.) the seed bed shall be prepared to provide a smooth surface. All stones larger than one inch in diameter shall be removed from the surface of the seed bed. Hand raking will be required in areas inaccessible to machines and hand raking may be required, if directed by the Engineer, in all the aforementioned areas if machines used do not provide results equivalent to results obtained by hand raking. Cost of this additional work shall be included in the unit price bid for Roadway Excavation, Item E-1.

PLACING SOD IN DITCHES

All sod placed in ditches shall be laid with the long edges of the strips perpendicular to the flow line of the ditch. Successive strips shall be neatly matched and all joints staggered or broken. The sod shall be staked securely with stakes placed on maximum two (2) ft. centers in rows not more than two (2) ft. apart. Stakes in adjacent rows shall be staggered. The stakes shall be wood from 1/2" x 3/4" x 12" to 1" x 1" x 24", as required to hold the sod and shall be driven flush with the top of the sod.

LOCAL TRAFFIC

Estimated Quantities of Aggregate, Calcium Chloride, and Asphaltic Concrete for Maintaining Traffic have been provided in the General Summary for use as directed by the Project Engineer in maintenance of access and maintenance of Existing City Streets within the limits of the Project.