

GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT	FISCAL YEAR
2	OHIO		



LAKE COUNTY
SEC. LAK.-640-2.56

DESIGN SPEED

The design speed for Vine Street S.R. 640 Section Lak. 640-2.56 is 60 miles per hour.

CO-OPERATION WITH OTHER CONTRACTORS

Adjustments, relocations, and revisions of existing utilities and construction of new utilities will have to proceed concurrently with this construction. Therefore it is the Contractors obligation to co-operate with the other contractors or agencies carrying on their respective operations during the construction of this Project so as not to interfere with their normal procedure.

TEMPORARY ROADWAY

The cost of removal and disposal of all existing pavements, curbs, public walks, and any other incidentals necessary in constructing the Temporary Run-Around Roadways shall be included in the Lump Sum Price Bid for Item S-15 Temporary Run-Around Road.

Guard Rail needed for Temporary Roadway as shown on sheets 18 & 19 of these plans shall be the Steel Beam Type (Deep) and shall be kept visible at night by installing caution lights (of a minimum sixty (60) wattage amber light bulbs) on every third (3rd) guard rail post or as directed by the Engineer. Cost of installation of guard rail and caution lights shall be included in the Lump Sum Price Bid for Item S-15 Temporary Run-Around Road.

If the steel beam type (deep) guard rail when no longer needed on the Temporary Road is in the opinion of the Project Engineer suitable for Re-Use as permanent guard rail on the Project the Contractor may use all or part of the same in place of a like amount of New Rail as set up in the Plans. The cost of removing and rebuilding of the Rail for Re-Use shall be included in the cost per lineal foot of Item I-15 Guard Rail Steel Beam Type (Deep) as per plan.

Should the guard rail on Temporary Run-Around Road not be Re-Used, it shall become the property of the Contractor.

TREE REMOVAL

Removal of trees and stumps 12" or more in diameter shall be in accordance with Item E-9 except that cost shall be included in the Unit Price Bid per cubic yard for Item E-1 "Roadway Excavation".

MANHOLES REBUILT

The work to be performed under this item is as follows and/or as Directed by the Engineer.

Where the existing grade is lowered, it shall consist of the removal of the portion of structure to a depth approximately Four (4) feet below the grade of casting and rebuilt to grade.

All work to be in accordance with Item I-8. Existing castings to be carefully salvaged and used on rebuilt structure.

ABANDONED SEWERS AND DRAINS

Existing Sewers between Sta. 146+00 and Sta. 154+05 on Vine Street are to be abandoned. The contractors shall provide all materials, labor and equipment to seal the sewers and drains in accordance with Sec. I-16.03, paragraph 4. The cost to complete this item shall be included in the unit price bid for Item E-1 "Roadway Excavation".

ABANDONED SEWER CASTINGS

Castings on manholes, catch basins or inlets to be abandoned by the Contractor shall be carefully removed in a manner to prevent damage and placed outside the pavement area for disposal by the City Of Willoughby.

GRADING TOLERANCES

For areas in front of residences and for areas between curb and sidewalk, 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.

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.

STANDARD No. 2-10 MEDIAN INLET, AS PER PLAN

The curb face on the rear side of Inlet shall be Omitted. In lieu thereof the back face and end face shall be modified as directed by the Engineer to match abutting construction.

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.

SUGGESTED CONSTRUCTION PROCEDURE AND TRAFFIC MAINTENANCE

See Sh. #10.

BEARINGS SHOWN ON PLANS

All bearings shown on plans are for angle purposes only.

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.

SEEDING QUANTITIES

Quantities for seeding are calculated for soil areas between Right of Way Lines.

All areas outside of these limits where the vegetation has been disturbed or destroyed by the contractor, shall be restored and seeded in accordance with provisions of Sec. G-7.09 by the contractor at his own expense.

FIELD OFFICE

The contractor shall provide a suitable "Field Office" in accordance with Sec. S-0.01(b) having a minimum of Four Hundred (400) Sq. ft. of floor space. The contractor shall furnish drinking water, and shall have a telephone installed and maintained during the construction of the 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.

NON-PERFORMANCE OF MERGER (STA. 132+75 TO STA. 135+00)

The Work covered by these Plans adjoins and overlaps the Proposed Construction of an Adjacent Project (LAK 2-000). This Adjacent Project proposes to widen the Vine St. pavement to a uniform width from Sta. 132+75 to Sta. 135+00. In the event that the Adjacent Project is in the Advanced Stage of Construction all work pertaining to Merger as shown in these Plans from Sta. 132+75 to Sta. 135+00 shall be non-performed at the direction of the Project Engineer.

UTILITY ADJUSTMENT

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 in the plans.

DERMS AND SLOPES

Derms 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.

SUBGRADE COMPACTION

The subgrade under drives paved with T-70 shall be compacted for a depth of six (6) inches to the density requirements as shown in Table III Sec. E-1.09. Payment for subgrade compaction as specified above shall be included in the unit price bid for Item E-1 "Roadway Excavation".

ADDITIONAL DRIVES (NON-LIMITED ACCESS AREAS ONLY)

For any additional Driveways built at the direction of the Engineer other than those shown on these plans, quantities shall be provided and paid for at the Unit Price Bid for the various Items Required.

CONSTRUCTION LAYOUT STAKES

See note in Proposal for work included in this "Lump Sum" pay Item.