

FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO		

2
6

LAKE COUNTY
LAK 528-5.03

GENERAL NOTES

GENERAL

FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE IN ACCORDANCE WITH SEC. S-0.01(b) HAVING A MINIMUM FLOOR SPACE OF 150 SQUARE FEET. THE CONTRACTOR SHALL HAVE A TELEPHONE INSTALLED AND MAINTAINED DURING CONSTRUCTION OF THIS PROJECT.

UTILITY ADJUSTMENT

THE CONTRACTOR SHALL NOTIFY AT LEAST 48 HOURS BEFORE BREAKING GROUND ALL PUBLIC SERVICE CORPORATIONS HAVING WIRES, POLES, PIPE, CONDUITS, MANHOLES, OR OTHER STRUCTURES THAT MAY BE AFFECTED BY THIS OPERATION INCLUDING ALL STRUCTURES WHICH ARE AFFECTED AND NOT SHOWN 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. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PREVENT DAMAGE TO EXISTING WATER AND SEWER LINES DURING THE PERIOD OF CONSTRUCTION. THE COST OF THE PROTECTION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM E-2 COFFERDAMS, CRIBS AND SHEETING.

EXISTING UNDERGROUND APPURTENANCES

THE LOCATION, SIZE AND DEPTH OF ALL EXISTING PIPES AND UNDERGROUND UTILITY APPURTENANCES REPRESENTS THE BEST INFORMATION AVAILABLE, BUT THE STATE OF OHIO DOES NOT GUARANTEE THE CORRECTNESS OR COMPLETENESS THEREOF.

UTILITY OWNERSHIP

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY	CLEVELAND, OHIO
THE GENEVA TELEPHONE COMPANY	GENEVA, OHIO
VILLAGE OF MADISON, DEPARTMENT OF WATER	MADISON, OHIO
VILLAGE OF MADISON, DEPARTMENT OF SEWERS	MADISON, OHIO

MAINTENANCE OF TRAFFIC

TRAFFIC SHALL BE MAINTAINED AT ALL TIMES, ONE WAY TRAFFIC ZONES SHALL BE APPROVED BY THE ENGINEER BEFORE PLACING INTO SERVICE.

REPLACEMENT

THE CONTRACTOR SHALL REPLACE AT HIS OWN EXPENSE ANY ITEM NOT SPECIFICALLY LISTED FOR REMOVAL THAT IS DAMAGED OR DESTROYED BY HIS OPERATIONS.

ELEVATION DATUM

ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM.

ROADWAY

SEEDING AND PROTECTING

SHOULDERS, ROADWAY DITCHES, AND AREA IN FRONT OF RESIDENCES AND COMMERCIAL UNITS UNLESS OTHERWISE DIRECTED, SHALL BE SEEDED WITH THE FOLLOWING MIXTURE:

- 20% KENTUCKY BLUE GRASS (POA PRATENSIS)
- 45% KENTUCKY 31 FESCUE (FESTUCA ELATIOR, VAR. KY. 31) OR ALTA FESCUE (FESTUCA ELATIOR, VAR. ARUNDINACEA)
- 20% CREEPING RED FESCUE (FESTUCA RUBRA)
- 10% RED TOP (AGROSTIS ALBA)
- 5% ALSIKE CLOVER (TRIFOLIUM HYBRIDUM)

THE ABOVE MIXTURE SHALL BE SEEDED AT THE RATE OF THREE (3) LBS. PER ONE THOUSAND (1000) SQUARE FEET.

IN ADDITION TO THE ABOVE, COMMERCIAL FERTILIZER C 12-12-12) SHALL BE APPLIED AT THE RATE OF 20 POUNDS PER 1000 SQ. FT. AND AGRICULTURAL LIMING MATERIALS AT THE RATE OF 100 POUNDS PER 1000 SQ. FT. OF AREA TO BE SEEDED. THE COST OF FURNISHING AND APPLYING FERTILIZER AND LIME SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM L-3 SEEDING AND PROTECTING, AS PER PLAN.

ROADWAY (CONT'D)

SIDEWALKS

WHERE NEW SIDEWALK IS TO MEET EXISTING SIDEWALK, THE NEW SIDEWALK SHALL BE BUILT TO AN EXISTING JOINT. PAYMENT SHALL BE BASED ON FINAL MEASUREMENT.

COOPERATION

THE CONTRACTOR SHALL DEMONSTRATE DURING THE COURSE OF THE CONSTRUCTION OF THIS PROJECT FULL COOPERATION WITH THE VILLAGE OF MADISON IN THE SCHEDULING OF OPERATIONS AND ALL OTHER MATTERS OF MUTUAL CONCERN.

CONSTRUCTION LAYOUT STAKES

SEE NOTE IN PROPOSAL DESCRIBING THE WORK INCLUDED IN THIS LUMP SUM PAY ITEM.

I-22 SUBBASE GRADING

I-22 SUBBASE GRADING "A" or "B", AS PER PLAN, MATERIAL FOR THIS ITEM SHALL MEET THE REQUIREMENTS of Grading A or B of Sec I-22.02 EXCEPT THAT FOR BOTH GRADINGS THE PERCENT PASSING THE NO. 200 SIEVE SHALL NOT EXCEED TEN.

STRUCTURE

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE REQUIREMENTS OF "DESIGN SPECIFICATIONS FOR HIGHWAY STRUCTURES" OF THE STATE OF OHIO, DEPARTMENT OF HIGHWAYS, DATED 9-1-57 TOGETHER WITH CURRENT REVISIONS THEREOF.

REMOVAL OF EXISTING STRUCTURE

WHEN NO LONGER NEEDED TO MAINTAIN TRAFFIC THE EXISTING STRUCTURE SHALL BE REMOVED AS OUTLINED IN THE CONSTRUCTION PROCEDURE NOTE. ALL REMOVED MATERIALS EXCEPT THE STONE FROM THE ABUTMENTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR. STONE FROM THE ABUTMENTS SHALL BE PILED ALONG THE RIGHT OF WAY FOR DISPOSAL BY THE STATES FORCES.

FOOTINGS

FOOTINGS SHALL EXTEND A MINIMUM OF 1'-6" INTO SOFT SHALE AT THE CENTERLINE OF ROADWAY OR TO THE ELEVATION SHOWN, WHICHEVER IS LOWER.

FOUNDATION BEARING PRESSURE

DEAD LOAD =
 ABUTMENTS = $\frac{3.2}{}$ TONS PER SQ. FT.
 DEAD LOAD + LIVE LOAD =
 ABUTMENTS = $\frac{3.5}{}$ TONS PER SQ. FT.

FOUNDATION SOUNDINGS

FOUNDATION DESIGN AND FOUNDATION QUANTITIES ARE BASED ON A STUDY OF SOIL-SAMPLING SOUNDINGS MADE AT THE SITE. THIS SOUNDING INFORMATION MAY BE INSPECTED IN THE OFFICE OF THE BUREAU OF BRIDGES IN COLUMBUS OR IN THE DIVISION OFFICE, BUT THE STATE DOES NOT GUARANTEE THE ACCURACY THEREOF.

CONCRETE

CONCRETE IN BRIDGE SLAB, CLASS "C", IN WALLS AND FOOTINGS, CLASS "E". See Supplemental Specification S-101.
 CHAMFER

CHAMFER ALL EXPOSED EDGES 3/4" UNLESS OTHERWISE NOTED.

STRUCTURE (CONT'D)

CONSTRUCTION PROCEDURE

THIS STRUCTURE SHALL BE CONSTRUCTED IN TWO PHASES TO FACILITATE THE MAINTENANCE OF TRAFFIC DURING CONSTRUCTION.

PHASE I

1. CONSTRUCT TEMPORARY CURB AND RAILING AT LOCATION SHOWN ON SHEET 5.
2. REMOVE WESTERN HALF OF EXISTING DECK, ABUTMENTS AND PAVEMENT AND 3'-6" OF EASTERN HALF AS SHOWN ON SHEET 5.
3. CONSTRUCT WESTERN HALF OF DECK ABUTMENTS, APPROACH SLAB AND PAVEMENT OF NEW STRUCTURE.

PHASE II

1. CONSTRUCT TEMPORARY CURB AND RAILING ON WESTERN HALF OF NEW STRUCTURE AT LOCATION SHOWN ON SHEET 5.
2. REMOVE REMAINING PORTIONS OF EXISTING STRUCTURE AND PAVEMENT.
3. CONSTRUCT EASTERN HALF OF DECK, ABUTMENTS, APPROACH SLAB AND PAVEMENT OF NEW STRUCTURE.

EMBANKMENT

EMBANKMENT AT THE FOUR CORNERS OF THE STRUCTURE SHALL BE PLACED AND COMPACTION IN ACCORDANCE WITH ITEM E-1. PAYMENT FOR THIS EMBANKMENT AND COMPACTION SHALL BE INCLUDED WITH ITEM E-2, UNCLASSIFIED EXCAVATION, FOR PAYMENT.