

GENERAL NOTES

LAKE COUNTY LAK- 528-425	OHIO	4 12
	FHWA REGION 5	
BR - 46 - 87	FEDERAL PROJECT	

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.

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SECTION 153.64 ORC.

AT LEAST 48 HOURS BEFORE DIGGING, THE CONTRACTOR SHALL CALL THE OHIO UTILITIES PROTECTION SERVICE, TOLL FREE 800-362-2764 NONMEMBER UTILITY COMPANIES MUST BE CALLED DIRECTLY.

UTILITIES NOTIFICATION

AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN AN AREA WHICH MAY INVOLVE UNDERGROUND UTILITY FACILITIES, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE REGISTERED UTILITY PROTECTION SERVICE AND THE OWNERS OF EACH UNDERGROUND UTILITY FACILITY SHOWN IN THE PLANS.

THE OWNER OF THE UNDERGROUND UTILITY FACILITY SHALL, WITHIN FORTY-EIGHT HOURS, EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, AFTER NOTICE IS RECEIVED, STAKE MARK OR OTHERWISE DESIGNATE THE LOCATIONS OF THE UNDERGROUND UTILITY FACILITIES IN THE CONSTRUCTION AREA IN SUCH A MANNER AS TO INDICATE THEIR COURSE TOGETHER WITH THE APPROXIMATE DEPTH AT WHICH THEY WERE INSTALLED. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO DAYS AHEAD OF THE PLANNED CONSTRUCTION.

UTILITY OWNERSHIP

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT.

ELECTRIC	CLEVELAND ELECTRIC ILLUMINATING CO. P.O. BOX 668 ASHTABULA, OHIO 44004 TELEPHONE: 216-997-3131
TELEPHONE	ALL-TEL TELEPHONE COMPANY 4616 PARK AVENUE ASHTABULA, OHIO 44004 TELEPHONE: 216-993-5151
GAS	EAST OHIO GAS COMPANY 1010 WEST 30TH STREET ASHTABULA, OHIO 44004 TELEPHONE: 216-992-5100
CABLE TELEVISION	TELE-MEDIA CONSTRUCTORS COMPANY P.O. BOX 2996 ASHTABULA, OHIO 44004 TELEPHONE: 216-992-2442

WATER MADISON VILLAGE
126 W. MAIN ST., P.O. BOX 7
MADISON, OHIO 44057
TELEPHONE: 216-428-7526

SANITARY SEWER MADISON VILLAGE
126 W. MAIN ST., P.O. BOX 7
MADISON, OHIO 44057
TELEPHONE: 216-428-7526

REMOVAL OF TREES OR STUMPS

ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT SHALL BE REMOVED UNDER THE LUMP SUM PRICE BID FOR ITEMS 201, CLEARING AND GRUBBING, EXCEPT THAT THOSE TREES FOR WHICH PROTECTION AND PRESERVATION WORK IS INDICATED ELSEWHERE IN THESE PLANS SHALL NOT BE REMOVED.

THIS ITEM SHALL ALSO INCLUDE REMOVAL OF RAILROAD TIE RETAINING WALL AS SHOWN ON PLAN SHEET No.6. TIES TO REMAIN THE PROPERTY OF THE PROPERTY OWNER

THE STATE OF
OHIO RESERVES THE RIGHT TO ORDER THE REMOVAL OF ADDITIONAL TREES OR STUMPS OUTSIDE OF THE LIMITS OF CONSTRUCTION BUT WITHIN THE RIGHT-OF-WAY AND/OR EASEMENT LINES. PAYMENT FOR THE REMOVAL OF THESE ADDITIONAL TREES OR STUMPS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

WATERING PERMANENT SEEDED AREAS

THE FOLLOWING ESTIMATED QUANTITY IS TO BE USED AS DIRECTED BY THE ENGINEER TO PROMOTE GROWTH AND TO CARE FOR THE PERMANENT SEEDED AREAS, AS PER 659:09

WATER	3.0 M GAL
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LIMITATION OF OPERATIONS

THE CONTRACTOR SHALL NOT CLOSE THE ROAD UNTIL ALL MATERIALS ARE PRESENT ON SITE. IN ADDITION, ANY ROAD OR LANE CLOSURE WILL BE PERMITTED ONLY DURING THE TIME PERIOD BEGINNING JUNE 15 AND ENDING AUGUST 15.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

THE FOLLOWING ESTIMATED QUANTITY IS TO BE USED AS DIRECTED BY THE ENGINEER FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

ITEM 207 STRAW OR HAY BALES	10 EA.
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SEEDING

QUANTITIES FOR SEEDING ARE CALCULATED FOR THE SOIL AREAS BETWEEN TEN (10) FEET OUTSIDE THE WORK LIMITS AS SHOWN ON THE CROSS SECTIONS, OR TO THE RIGHT-OF-WAY LINE IF SUCH LINE IS LESS THAN TEN (10) FEET FROM THE WORK LIMITS.

407 TACK COAT

THE TACK COAT AND COVER AGGREGATE OPERATION SHALL BE DETERMINED AS PER SPEC. 407.05. PLAN QUANTITIES INDICATE AVERAGE APPLICATION RATES OF 0.1 GALLONS PER SQUARE YARD OF TACK COAT AND 7 POUNDS PER SQUARE YARD OF COVER AGGREGATE FOR ESTIMATING PURPOSES ONLY.

ELEVATION DATUM

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

HORIZONTAL DATUM

HORIZONTAL CONTROLS ARE BASED ON RECORDS OBTAINED FROM THE LAKE COUNTY ENGINEER'S OFFICE.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR PLAN ITEMS SET UP TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER.

LOCATION AND SIZE OF PIPE

THE LOCATION, TYPE, DEPTH AND SIZE OF ALL EXISTING PIPES ARE SHOWN AS NEARLY EXACT AS THE AVAILABLE INFORMATION WILL PERMIT. THE STATE WILL NOT BE RESPONSIBLE FOR ANY VARIATIONS FOUND DURING CONSTRUCTION.

WATERLINE RELOCATION

DEPTH OF EXISTING WATERLINE IS UNKNOWN. CONTRACTOR SHALL VERIFY DEPTH PRIOR TO BEGINNING CULVERT CONSTRUCTION. A CONTINGENCY ITEM 814, 12" WATERLINE D.I. PIPE ANSI CL. 52, BOLTLESS-RESTRAINED JOINTS & FITTINGS, IS INCLUDED ON THE GENERAL SUMMARY SHEET. LOWERING OF SAID WATERLINE SHALL BE ACCOMPLISHED PER DETAIL ON SHEET 12/12. WATERLINE MATERIAL SHALL BE 12" DUCTILE IRON ANSI CL. 52, WITH BOLTLESS RESTRAINED JOINTS AND FITTINGS. A REPRESENTATIVE OF THE MADISON VILLAGE WATER DEPARTMENT OR THEIR VILLAGE ENGINEER SHALL BE ADVISED OF ANY WATERLINE CONFLICT AND SHALL INSPECT SAID WORK.

ITEM 814 12" WATERLINE DUCTILE IRON PIPE ANSI CLASS 52, BOLTLESS-RESTRAINED JOINTS AND FITTINGS,	25 LF.
ITEM 814 12" GATE VALVE AND VALVE BOX	1 EA.

CONNECTION TO EXISTING PIPE

WHERE THE PLANS PROVIDE FOR PROPOSED CONDUIT TO BE CONNECTED TO OR TO CROSS EITHER OVER OR UNDER AN EXISTING SEWER, 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 CONDUIT. CONNECTION TO EXISTING CONDUITS SHALL BE ACCOMPLISHED WITH TYPE MC-4 MASONRY COLLARS. PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT 603 CONDUIT ITEMS.

SANITARY FLOW INTO HIGHWAY DRAINAGE SYSTEMS

PLAN MAKES NO PROVISION FOR CONNECTING, NOR SHALL THE ENGINEER OR CONTRACTOR CONNECT ANY EXISTING OR NEW DRAINAGE INTO THE HIGHWAY DRAINAGE SYSTEM WHEN SUCH DRAINS CARRY FLOW FROM ANY PLUMBING FIXTURES, INCLUDING FLOOR DRAINS AND SINK DRAINS, OR DRAINS FROM LIVE-STOCK LOTS OR BARN.

EXISTING PIPE CARRYING FLOW WHICH COMES WITHIN THE CATEGORY OUTLINED ABOVE SHALL BE PLUGGED WITH CLASS C CONCRETE IN THE RIGHT-OF-WAY LINE. PAYMENT FOR SAID PLUGGING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203 EXCAVATION.

REMOVAL OF EXISTING CULVERT

ITEM 202 (REF. 03) STRUCTURES REMOVED IN THE ROADWAY PLANS REFERS TO COMPLETE REMOVAL OF THE CULVERT AS SHOWN ON THE CROSS SECTIONS. THE STRUCTURE IS ESTIMATED TO CONSIST OF APPROXIMATELY 75 CY OF SAND STONE BLOCKS.