

GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT	41
2	OHIO	I-1102(6) I-1103(18)	458

CUYAHOGA & LAKE COUNTIES
CUI-1-15.91
LAK-1- 0.00

ROAD NAME SIGNS

ALL COUNTY, TOWNSHIP, CITY, OR VILLAGE 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.

FIELD OFFICE:

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE FOR THE EXCLUSIVE USE OF THE STATE EMPLOYEES, IN ACCORDANCE WITH SEC. S-0.01 (B), HAVING A MINIMUM OF 500 SQUARE FEET OF FLOOR SPACE. THE CONTRACTOR SHALL HAVE A TELEPHONE INSTALLED AND MAINTAINED IN THE FIELD OFFICE DURING THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL ALSO INSTALL WIRING AND OUTLETS SUITABLE FOR CONNECTING TO OFFICE EQUIPMENT, AND PROVIDE 110 VOLT ALTERNATING CURRENT DURING THE CONSTRUCTION OF THIS PROJECT.

DESIGN SPEED:

THE GEOMETRICS FOR THIS PROJECT HAVE BEEN PLANNED FOR A DESIGN SPEED OF 70 MILES PER HOUR.

UTILITIES:

THE CONTRACTOR SHALL NOTIFY, AT LEAST 48 HOURS BEFORE BREAKING GROUND, ALL PUBLIC SERVICE CORPORATIONS HAVING WIRE, 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.

ROUNDING OF CORNERS ON CROSS SECTIONS:

THE ROUNDED CORNERS SHOWN ON THE TYPICAL SECTIONS APPLY TO ALL CROSS SECTIONS EVEN THOUGH OTHERWISE SHOWN IN THESE PLANS.

R/W MONUMENTS, FEDERAL PROJECT MARKERS AND SECTION MARKERS:

EXISTING R/W MONUMENTS, BENCH MARKS, FEDERAL PROJECT MARKERS, AND SECTION MARKERS THAT WILL BE REMOVED BY CONSTRUCTION, SHALL BE PROTECTED BY THE CONTRACTOR AS PER SECTION C-7.09 UNTIL THEY CAN BE WITNESSED, REFERENCED, AND RESET BY THE CONSTRUCTION CREW.

ELEVATION DATUM:

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

UNDERGROUND UTILITIES:

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS HAVE BEEN OBTAINED BY DILIGENT 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.

LOCATION AND SIZE OF PIPES:

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

PIPE FOR SUBGRADE DRAINAGE:

10 LIN. FT. OF 8" CORRUGATED METAL PIPE, SEC. M-6.4 (a), SHALL BE FURNISHED AND PLACED BY THE CONTRACTOR, IN MANHOLES, CATCH BASINS AND INLETS FOR EACH SUBGRADE DRAIN, WHERE, AND AS DIRECTED BY THE ENGINEER. PAYMENT FOR EACH SHALL BE MADE AT THE PRICE BID PER LINEAL FOOT OF PIPE UNDERDRAIN OUTLETS.

PIPE:

WHEN BELL AND SPIGOT PIPE IS USED, ANY NECESSARY PIPE CUT-OFFS WILL BE MADE AT THE SPIGOT END OF THE LENGTH OF PIPE ADJACENT TO THE END LENGTH. WHEN TONGUE AND GROOVE PIPE IS USED THE LENGTH OF PIPE NEXT TO THE END LENGTH SHALL BE CUT AND BUTT JOINT FORMED WITH A COLLAR 12" LARGER THAN THE OUTSIDE DIAMETER AND 12" IN LENGTH. THE COST OF THE JOINT AND COLLAR SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE PERTINENT PIPE ITEM. COLLAR SHALL BE CLASS "E" CONCRETE.

REMOVAL OF EXISTING HOUSE DRAINS:

THE REMOVAL OF ALL EXISTING HOUSE CONNECTIONS, WHICH INCLUDES SANITARY, YARD, ROOF, BASEMENT OR OTHER SIMILAR PIPE DRAINS WITHIN THE ROADWAY CONSTRUCTION LIMITS SHALL BE CLASSIFIED AND PAID FOR AS ROADWAY EXCAVATION, UNLESS OTHERWISE ITEMIZED FOR PAYMENT IN THE PLANS. SANITARY DRAINS OR SEWERS SUCH AS LEACH BED OUTLETS, CELLAR DRAINS, SINK DRAINS OR ANY OTHER DRAINS WHICH CARRY POLLUTED WATER OF ANY KIND SHALL NOT BE PERMITTED TO FLOW INTO THE HIGHWAY DRAINAGE SYSTEM BUT SHALL BE PLUGGED WITH CLASS "E" CONCRETE AT THE RIGHT-OF-WAY LINE. PAYMENT FOR PLUGGING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ROADWAY EXCAVATION.

PIPE CONNECTIONS:

LONGITUDINAL PIPE LINES, WHERE CONNECTED TO PIPE CULVERTS, SHALL BE JOINED TO CULVERT PIPE SPECIALS, ITEM I-5. THE PIPE SPECIAL SPUR AND THE INITIAL EIGHT FOOT LENGTH OF LONGITUDINAL PIPE SHALL BE OF THE SAME KIND AND CLASS OF PIPE. AS USED IN THE PIPE CULVERT AND SHALL BE JOINED BY MEANS OF 6" MIN. THICKNESS 12' LONG CLASS "E" CONCRETE COLLAR OR METAL BAND. THE INITIAL EIGHT FEET OF LONGITUDINAL PIPE SHALL BE MANUFACTURED AS A SINGLE UNIT, WITH THE EXCEPTION OF RIGID PIPES 18 INCHES IN DIAMETER AND SMALLER, IN WHICH CASE TWO 4 FOOT LENGTHS MAY BE SHOP JOINED BY MEANS OF A REINFORCED CONCRETE COLLAR STRONG ENOUGH TO RESIST SEPARATION OF THE JOINT BECAUSE OF BACKFILL LOADING. ALL ADDITIONAL COST OF PROVIDING THE CULVERT PIPE AND COLLARS IN THE INITIAL SECTION OF THE LONGITUDINAL PIPE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PIPE SPECIAL.

REMOVAL OF TREES AND STUMPS:

ALL TREES AND STUMPS WITHIN THE LIMITS OF THE LIMITED ACCESS RIGHT-OF-WAY ON THE MAINLINE AND THE WORK LIMITS ON THE CROSS ROADS AND CHANNEL IMPROVEMENT SHALL BE REMOVED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

THE NUMBER AND SIZE OF TREES AND STUMPS SHOWN BELOW, FOR REMOVAL UNDER THE CONSTRUCTION AS DETAILED ON THESE PLANS, 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.

THE NUMBER AND SIZE OF TREES AND STUMPS ARE ESTIMATED BELOW.

	C-41 I-1102(6)	C-42 I-1103(18)	C-41 I-1102(6)	C-42 I-1103(18)
12" TO 18"	3456	1048	39	13
18" TO 24"	1152	427	8	1
24" TO 30"	348	266	1	NONE
30" TO 36"	215	41		

SELECTED TREES OVER 50' FROM EDGE OF PROPOSED PAVEMENT WHERE EXISTING GROUND IS NOT DISTURBED MAY BE PERMITTED TO REMAIN AT THE ENGINEER'S DISCRETION.

L-6 ROADSIDE CLEAN-UP ESTIMATED AREAS AS FOLLOWS:

SECTION C-41 - I-1102(6)			
LEFT	SOUTHBOUND LANES	RIGHT	NORTHBOUND LANES
STA. 1 + 50	3 + 50	STA. 1 + 00	14 + 00
7 + 50	15 + 00	14 + 00	15 + 50
15 + 00	17 + 50	15 + 50	21 + 00
17 + 50	21 + 00	22 + 50	25 + 50
22 + 50	27 + 50	25 + 50	26 + 50
27 + 50	31 + 00	33 + 00	37 + 00
31 + 00	37 + 50	45 + 50	47 + 50
43 + 00	57 + 00	47 + 50	49 + 00
59 + 00	70 + 00	51 + 00	63 + 00
71 + 50	83 + 50	67 + 50	70 + 50
90 + 00	94 + 00	71 + 50	74 + 50
94 + 00	99 + 00	74 + 50	78 + 50
99 + 00	103 + 00	78 + 50	80 + 00
104 + 00	109 + 50	80 + 00	84 + 50
109 + 50	117 + 00	84 + 50	89 + 50
117 + 00	119 + 00	96 + 50	101 + 50
119 + 00	127 + 00	107 + 50	114 + 50
133 + 00	134 + 50	121 + 50	123 + 50
7 + 00 LAK	11 + 00	127 + 00	134 + 50
11 + 00	26 + 00	10 + 50 LAK	12 + 50
35 + 50	37 + 00	12 + 50	14 + 50
41 + 00	45 + 00	18 + 50	22 + 50
		27 + 50	34 + 00
		38 + 00	45 + 00

MEDIAN AREA			
STA.	TO STA.	UNITS	CONT'D.
0 + 00	2 + 00	16	81 + 50 TO STA. 85 + 00
2 + 00	5 + 50	35	87 + 50
9 + 00	17 + 50	51	105 + 50
RT. OF RAMP "A"		18	116 + 50
LT. OF RAMP "C"		54	121 + 50
STA. 51 + 50	53 + 00	3	121 + 50
53 + 00	55 + 00	12	134 + 50
55 + 00	57 + 00	20	0 + 00.2 LAK
57 + 00	59 + 50	15	2 + 50
79 + 50	81 + 50	4	7 + 50
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