FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

178
384

LAKE COUNTY
LAK-2-14.22

(D) DRAINAGE

REF NO.	STATION FROM	STATION TO	SIDE	I-1 CLASS A-1 M-6.6(a) OR M-6.8(b) 8"	I-1 CLASS A-1 M-6.6(a) OR M-6.8(b) 15"	I-1 CLASS E-1 PIPE 15"	I-1 CLASS E-1 PIPE M-6.6(d) 18"	I-1 CLASS H-2 M-6.6(a) M-6.8(b) 21"	I-1 CLASS H-2 M-6.6(a) M-6.8(b) 24"	I-1 6" PIPE CLASS I-3 SHALLOW	I-1 6" PIPE CLASS I-3 DEEP	I-1 8" CLASS F-1 PIPE	I-5, FOR CLASS I-3 PIPE 6" TEE	I-5, FOR CLASS I-3 PIPE 6" 60° WYE	I-5, FOR CLASS I-3 PIPE 6" 60° BEND	I-5, FOR CLASS I-3 PIPE 6"-8" INCR.	I-5, FOR CLASS I-3 PIPE SPECIAL FLAP GATES	I-8 STD. #2-2A C.B.	I-8 STD. #2-2B C.B.	I-8 STD. #2-3 C.B.	I-8 STD. #6 C.B.	I-8 STD. #2-20 INLET	I-8 STD. #1 M.H.	I-8 STD. #2 M.H.	I-8 STD. #3A C.B.	I-10 DUMPED ROCK CHANNEL PROTECT.	I-2 MASONRY (HEADWALL)
				LIN. FT.				LIN. FT.		LIN. FT.			EACH					EACH								C.Y.	C.Y.
1-D	9+82"C-C"	11+46"C-C"	RT.							190		10	1														
2-D	11+50"C-C"	16+74"C-C"	RT.							560		10		1	1												
3-D	16+78"C-C"	21+26"C-C"	RT.							480		10			1												
4-D	13+39"C-C"	17+46"D-D"		27						378		10			1	2											
5-D	17+50"D-D"	17+95"D-D"	RT.							80		10			1												
6-D	17+25"D-D"		℄		96													1								2.9	3.2
7-D	12+00"D-D"	12+68"D-D"	RT.							68																	
8-D	12+00"D-D"	13+56"D-D"	LT.							156																	
9-D	17+95"D-D"	18+35"D-D"	LT.							50		10			1												
10-D	11+15"C-C"	31+86 RICH.	RT.			94	132											1						1			
11-D	13+70"D-D"		LT.		34																	1				2.9	3.2
12-D	9+54"E-E"	13+52"E-E"	LT.								467	10	1	1													
13-D	10+38"E-E"Sp.	10+83"E-E"Sp.	LT.							34		10															
14-D	12+50"E-E"Sp.	12+65"E-E"Sp.	℄	36						14				1	1	2											
15-D	12+65"E-E"Sp.		℄		74																	1					3.2
16-D	12+65"E-E"Sp.	16+55"F-F"	LT.							369		10															
17-D	12+00"F-F"	12+59"F-F"	RT.								57																
18-D	10+76"E-E"Sp.	10+93"E-E"Sp.	LT.			34											1		1		1			1			
19-D	10+57"E-E"Sp.	12+10"E-E"Sp.	RT.								169	2	1		1												
20-D	10+87"E-E"Sp.	11+65"E-E"Sp.	LT.								87	10		1													
21-D	13+56"E-E"	20+19"E-E"	LT.							706		10			1												
22-D	16+54"F-F"		LT.		80													1		1							
23-D	16+55"F-F"	18+30"F-F"	RT.							178		10		1													
24-D	11+50"F-F"	18+30"F-F"	RT.					166	508											1							
25-D	18+35"D-D"	25+00"D-D"	LT.							664																	
26-D	18+30"F-F"	21+96"F-F"	RT.							365																	
27-D	22+00"F-F"	22+50"F-F"	RT.							52		10			1												
28-D	18+30"F-F"	21+00"F-F"	RT.					258															1				0.36
	TOTAL			63	284	128	132	424	508	4,344	780	132	3	5	9	4	1	3	1	2	1	2	1	1	1	5.8	9.96

(P) PAVEMENT

REF. NO.	STATION FROM	STATION TO	SIDE	B-21 WATER PROOFED AGGR. BASE COURSE	I-12 CONCRETE CURB TYPE 2A	I-12 CONCRETE CURB TYPE 6	I-12 CONCRETE CURB SPECIAL	I-18 STAB. CRUSH. AGGR.	I-21 PORT. CEM. CONC. MEDIAN TYPE 1	I-22 SUB-BASE	T-31 BIT. MATL.	T-31 #6 AGGR.	T-71 REINF. PORT. CEM. CONC. PAVT. 9"
				C.Y.	LIN. FT.			C.Y.	S.Y.	C.Y.	GAL.	C.Y.	S.Y.
1-P	8+81.61"C-C"	21+28.74"C-C"		78		219	283	137	13	665	234	8	2,765
2-P	10+26.93"D-D"	25+00"D-D"		103	1,013	349		207	164	885	308	10	3,532
3-P	9+15.95"E-E"	20+19.19"E-E"		63		550		111	62	629	190	6	2,710
4-P	10+25.13"E-E"Sp.	12+74.95"E-E"Sp.		18	483	158		30	54	227	53	2	955
5-P	8+97.07"F-F"	22+50"F-F"		83	506	236	209	146	84	700	250	8	2,667
	TOTAL			345	2,002	1,512	492	631	377	3,106	1,035	34	12,629

(R) ROADWAY

REF. NO.	STATION FROM	STATION TO	SIDE	E-1 COMP. SUB-GRADE	E-4 GRANULAR BORROW	I-15 GUARD RAIL STEEL BEAM STD. TYPE DEEP	L-9 COMMERCIAL FERTILIZER	L-9 SEEDING & PROTECT.	L-10 SODDING
				S.Y.	C.Y.	L.F.	TONS	S.Y.	S.Y.
1-R	8+81.61"C-C"	21+28.74"C-C"		3,777					
2-R	11+70"C-C"		RT.		173				
3-R	11+70"C-C"		RT.		207				
4-R	11+15"C-C"	12+33"C-C"	RT.						20
5-R	12+00"D-D"	18+35"D-D"	LT.						928
6-R	14+79"D-D"	18+36"D-D"	LT.			362.5			
7-R	17+25"D-D"	18+15"D-D"	RT.						20
8-R	10+26.93"D-D"	25+00"D-D"		5,043					
9-R	9+15.95"E-E"	20+19.19"E-E"		3,537					
10-R	10+25.13"E-E"Sp.	12+74.95"E-E"Sp.		1,180					
11-R	8+97.07"F-F"	22+50"F-F"		3,756					
12-R	12+81"F-F"	18+30"F-F"				550.0			
13-R	12+65"E-E"Sp.		LT.						3
14-R	14+25"F-F"	17+50"F-F"	RT.						93
15-R	16+54"F-F"	17+48"F-F"	LT.						20
16-R	18+35"D-D"	22+54"D-D"	LT.						322
17-R	18+38"D-D"	695+08 S.R.2	LT.			662.5			
18-R	18+30"F-F"	22+50"F-F"	RT.			412.5			
19-R	20+50"F-F"	21+00"F-F"	RT.						16
20-R	21+00"F-F"	694+00 S.R.2	RT.						186
	RAMPS "D-D" & "F-F" ON LT. &		RT.				1,464	16,267	
	TOTAL			17,293	380	1,987.5	1,464	16,267	1,608

(U) UTILITIES

REF. NO.	STATION FROM	STATION TO	SIDE	I-124.08 SERVICE STOPS & BOXES REMOVED	I-124.11 WATER METERS & BOXES REMOVED	I-8 MANHOLE RECONSTR. TO GRADE	I-16 INLET ABND.
				EACH			
1-U	691+48	S. R. 2	RT.	1	1		
2-U	691+61	S. R. 2	RT.	1	1		
3-U	692+17	"	RT.	1	1		
4-U	692+47	"	RT.	1	1		
5-U	692+48	"	RT.	1	1		
6-U	10+82"E-E"Sp.		RT.			1	
7-U	10+68"C-C"		RT.				1
	TOTAL			5	5	1	1

RAMP "C-C"

EXCAVATION	=	1,150 C.Y.
EMBANKMENT	=	19,734 C.Y.
EMBANKMENT +20 %	=	23,681 C.Y.

RAMP "D-D"

EXCAVATION	=	3,134 C.Y.
EMBANKMENT	=	18,535 C.Y.
EMBANKMENT +20 %	=	22,242 C.Y.

RAMP "E-E"

EXCAVATION	=	3,255 C.Y.
EMBANKMENT	=	28,273 C.Y.
EMBANKMENT +20 %	=	33,928 C.Y.

"E-E" SPUR

EXCAVATION	=	1,153 C.Y.
EMBANKMENT	=	27 C.Y.
EMBANKMENT +20 %	=	32 C.Y.

RAMP "F-F"

EXCAVATION	=	1,715 C.Y.
EMBANKMENT	=	19,305 C.Y.
EMBANKMENT +20 %	=	23,166 C.Y.