FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

LAKE COUNTY
LAK-2-14.22

(D) DRAINAGE

REF. NO	STATION FROM	STATION TO	SIDE	I-1 CLASS A-1 PIPE SEC. M-6.6(b) 60"	48"	CLASS E-1 PIPE 21"	CLASS B-1 PIPE 21"	CLASS B-1 PIPE 15"	CLASS E-1 PIPE 15"	CLASS D-1 PIPE 18"	15"		8" CLASS F-1 PIPE	6" PIPE CLASS I-3	M-6.4(h)(c)	I-5 FOR CLASS I-3 6"x8"x8" 90° TEE	6" 90° BEND	6" 60° WYE	6" 60° BEND	6"x8" INCR.	I-8 STD. #2 M.H.	STD. #1 M.H.	STD. #2-20 INLET	STD. #2-14 INLET	STD. #2-2B C.B.	STD. #2-6 C.B.	STD. #3 C.B.	STD. #3A C.B.	STD. #6 C.B.	I-1 8" CLASS A-1 PIPE SEC. M-6.6(a) OR M-6.8(b)	I-16 MAN-HOLE	INLET	CATCH BASIN	E-12 PIPE REMOVAL OVER 15"	S-24 REMOVAL OF EXIST. STRUCT.	S-2 PATCH. CONC. STRUCT.
	FROM	TO		L.F.												EACH														L.F.	ABANDONED			L.F.	LUMP	S.F.
1-D	33+00	35+98	LT.										10	291					1																	
2-D	33+00	34+48	℄										10	138																						
3-D	33+00	10+67 "D-D"	RT.										10	163					1																	
4-D	34+52	36+24	℄										10	162																						
5-D	36+04	0+60 S.R.283	LT.										2	181				1																		
6-D	34+50		RT.					108															1													
7-D	35+94	36+13	LT.							18															1											
8-D	36+00	36+25	LT.					44	22																		1		1							
9-D	36+30		—		138																	1														
10-D	36+13	36+50	LT.								36														1											
11-D	10+67 "D-D"	11+13 "D-D"	RT.						52													1			1				1							
12-D	10+67 "D-D"	12+00 "D-D"	RT.											131																						
13-D	10+67 "D-D"	12+00 "D-D"	LT.										10	131		1	1			1										35						
14-D	10+70 "D-D"	RICHMOND ST. 37+52	LT.&RT.										10	260					1																	
15-D	35+44	36+55	RT.			56	48																		2	1										
16-D	36+55	38+65	RT.	204																	1															
17-D	0+60 S.R.283	37+50	—					96																1			1		1							
18-D	37+52	SKINNER AVE. 1+25	RT.						102																			1								
19-D	SKINNER AVE. 1+25	SKINNER AVE. 1+20	RT.&LT.					38																					1							
20-D	38+65 RT.	SKINNER AVE. 1+20	—					4																												
21-D	37+55 RT.	RICHMOND ST. 41+00	RT.											200	145																					
22-D	37+47	40+76	—											160			2																			
23-D	40+25	40+78	—					58															1													
24-D	SKINNER AVE. 2+26		RT.																													1				
25-D	SKINNER AVE. 1+24		LT.																													1				2
26-D	37+40	38+70	—																												1	1		78	LUMP	5
27-D	37+72		RT.																													1				
	TOTAL			204	138	56	48	348	176	18	36		62	1,817	145	1	3	1	3	1	1	2	2	1	5	1	2	1	4	35	1	2	2	78	LUMP	7

(P) PAVEMENT

REF. NO.	STATION FROM	STATION TO	SIDE	B-19 AGGR. BASE COURSE	B-21 WATER PROOFED AGGR. BASE COURSE	I-12 CONCRETE CURB TYPE 2A		TYPE 6	I-13 CONC. SIDE WALK 4"	I-18 STAB. CRUSH. AGGR.	I-21 PORT. CEM. CONC. MEDIAN TYPE I	I-22 SUB-BASE	I-23 PRECAST CONC. TRAFFIC DIVIDERS	T-31 BIT. MATL.	T-31 #6 AGGR.	T-35 ASPH. CONC. SURF. COURSE 2"	T-70 PORT. CEM. CONC. PAVT. 7"	T-71 REINF. PORT. CEM. CONC. PAVT. 9"	T-30 BIT. PRIME COAT
				C.Y.	C.Y.	LIN. FT.			S.F.	C.Y.	S.Y.	C.Y.	EA.	GAL.	C.Y.	C.Y.	S.Y.	S.Y.	GAL.
1-P	36+11		RT.														153		
2-P	37+22	41+00			8	590		137	282		9	483	1	25	1			2,378	
3-P	0+41.71	1+60 S.R.283		106						18		81				26			187
4-P	0+51.21	SKINNER AVE. 2+75		175				396								45			314
5-P	33+00	37+22			53	755		755	2,135	88	70	658		158	5			2,722	
TOTAL				281	61	1,345		1,288	2,417	106	79	1,222	1	183	6	71	153	5,100	501

(U) UTILITIES

REF. NO.	STATION FROM	STATION TO	SIDE	I-16 INLET ABND.	I-124.05 WATER MAIN RAISED 6"	WATER MAIN LOWRD. 12"	I-124.06 FIRE HYD. REMOVED	FIRE HYD. REMOVED & RESET	I-124.07 NEW SERVICE BRANCH.	I-124.08 SERVICE STOPS & BOXES REMOVED & RESET	SERVICE STOPS & BOXES REMOVED	I-124.10 SERVICE BOXES ADJUSTED TO GRADE	I-124.11 WATER METERS & BOXES REMOVED	WATER METERS & BOXES REMOVED & RESET	I-8 RCONSTR. TO GRADE M.H.	INLET
	FROM	TO		EA.	L.F.	L.F.	EA.	EA.	L.F.	EA.	EA.	EA.	EA.	EA.	EA.	
1-U	33+02		RT.								1		1			
2-U	33+39		RT.								1		1			
3-U	33+75		RT.								1		1			
4-U	34+28		RT.				1				1					
5-U	34+79		RT.								1		1			
6-U	35+46		RT								1		1			
7-U	36+60		RT.						44	1				1		
8-U	37+10		RT.								1		1			
9-U	35+70		RT.									1				
10-U	38+66		RT.					1								
11-U	40+00		RT.								1		1			
12-U	38+05		LT.											1		
13-U	37+92		LT.									1				
14-U	35+20		RT.	1												
15-U	38+47		RT.		14							1				
16-U	34+21	34+38	RT.			18										
17-U	36+40	36+55	RT.			16										
18-U	10+78 "D-D"		RT.												1	
19-U	37+74		RT.												1	
20-U	40+25		RT.													1
TOTAL				1	14	34	1	1	44	1	8	3	7	2	2	1

(R) ROADWAY

REF. NO.	STATION FROM	STATION TO	SIDE	E-1 COMP. SUB-GRADE	L-9 COMMER-CIAL FERTIL-IZER	L-9 SEEDING & PROTECT	I-15 GUARD RAIL STEEL BEAM STD. TYPE (DEEP)	L-10 SODDING	E-4 GRAN-ULAR BORROW	E-8 REMOVAL & DISPOSAL OF EXISTING PAVT.	CURB	SIDE WALK	I-18 CRUSHED AGGR.	M-10 CALCIUM CHLORIDE	SPECIAL MIXING CHLORIDE & AGGR.
	FROM	TO		S.Y.	TONS	S.Y.	L.F.	S.Y.	C.Y.	S.Y.	L.F.	S.Y.	C.Y.	TON	S.Y.
1-R	33+45	34+15	RT.					34							
2-R	10+80 "D-D"	12+00 "D-D"	LT.					126							
3-R	SKINNER AVE. 1+50	SKINNER AVE. 2+50	LT.				100								
4-R	36+11		RT.	153											
5-R	33+00	41+00		6,170	0.622	6,913				2,344	275	208			
6-R	0+41.71	1+60 S.R.283		578						558					
7-R	0+51.21	2+75		808											
8-R	11+60 "D-D"		RT.						245						
9-R	11+70 "D-D"		LT.						468						
	37+22	41+00	℄										62	0.391	372
TOTAL				7,709	0.622	6,913	100	160	713	2,902	275	208	62	0.391	372

RICHMOND ST.

EXCAVATION	=	7,576 C.Y.
EMBANKMENT	=	9,032 C.Y.
EMBANKMENT +20 %	=	10,838 C.Y.

S.R. 283

EXCAVATION	=	97 C.Y.
EMBANKMENT	=	84 C.Y.
EMBANKMENT +20 %	=	101 C.Y.

SKINNER AVE.

EXCAVATION	=	74 C.Y.
EMBANKMENT	=	1,073 C.Y.
EMBANKMENT +20%	=	1,288 C.Y.

STA. 33+00 TO STA. 41+00