FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

LAKE COUNTY
LAK-91-(0.00)-(2.38)

SUMMARY OF DRIVEWAY QUANTITIES

VILLAGE OF WILLOUGHBY HILLS

SHEET NO.	REF. NO.	℄ DRIVE STATION	SIDE	(Δ) ANGLE ℄ S.R.91	EXIST. DRIVE TYPE	DRIVE WIDTH (FT.)	A (FT.)	B (FT.)	LENGTH OF DRIVE (FT.)	B-19 5" AGGREGATE BASE COURSE CU. YDS.	T-35 2" ASPHALTIC CONCRETE SURFACE COURSE CU. YDS.	E-1 EXCAVATION CU. YDS.	EMBANKMENT CU. YDS.	E-8 REMOVAL & DISPOSAL OF EXISTING RIGID DRIVE PAVEMENT SQ. YDS.	E-12 PIPE REMOVED 15" & UNDER LIN. FT.	I-1 12" CLASS F-4 PIPE LIN. FT.	I-15 WOOD GUARD RAIL POSTS WITHOUT RAIL EACH	T-70 8" PORTLAND CEMENT CONCRETE PAVEMENT SQ. YDS.
24	1-D	61+11	LT.	90°	DIRT	10	4	8	71.2	18.4 *		103.6						
24	2-D	66+15	LT.	78°	BITUM.	25	5	10	31.5	18.3 **	5.2	23.5						
24	3-D	61+92	RT.	90°	GRAVEL	10	4	8	67.5	17.5 *		78.4						
24	4-D	66+69	RT.	90°	DIRT & GRAVEL	16	5	10	56.5	20.6 **	5.9	36.8	2.1					
24	5-D	68+68	RT.	90°	DIRT & GRAVEL	10	4	8	66.5	10.8	4.3		78.5		21			
24	6-D	68+24	RT.	90°	DIRT & GRAVEL	10	ABANDON EXIST. DR.								17			
24	7-D	62+98 & 64+04	RT.	60°	CONCRETE	35	SEE DETAIL SHEET Nº 24		12.5			26.0		156				100
24	8-D	6+60 & 7+56 (U.S.R.#6)	RT.	60°	CONCRETE	35			12.5			26.0		156				100
24	9-D	65+56 & 66+42	RT.	70°	CONCRETE	30			12.5			16.0		156				72
24	10-D	6+88 & 7+70 (U.S.R.#6)	LT.	70°	CONCRETE	25			12.5			19.0		178				86
25	1-D	75+47	LT.	87°	GRAVEL	14	4	8	26.5	6.2	2.5	8.7						
25	2-D	76+56	LT.	90°	BITUM.	11	4	8	26.5	5.0	2.0	19.8						
25	3-D	78+22	LT.	90°	BITUM.	11	4	8	86.5	15.2	6.1	128.8						
25	4-D	78+78	LT	90°	BITUM.	9	4	8	101.5	14.6	5.9	255.5						
25	5-D	69+56	RT.	82°	GRAVEL	11	4	10	76.2	13.8	5.5	113.8			18			
25	6-D	71+05	RT.	90°	GRAVEL	12	4	8	71.5	13.7	5.5	160.3						
25	7-D	76+95	RT.	90°	DIRT	10	4	8	26.5	7.3 *		7.3						
26	1-D	81+37	LT.	83°	GRAVEL	10	4	10	96.2	15.7	6.3	239.0						
26	2-D	82+45	LT.	83°	GRAVEL	9	4	10	71.2	10.8	4.3	77.6						
26	3-D	83+27	LT.	81°	GRAVEL	8	4	10	56.2	7.8	3.1	44.2						
26	4-D	85+96	LT.	81°	SLAG	10	SEE SH. NO. 26 FOR DETAIL		26.2	6.8	2.7	9.5						
26	5-D	87+51	LT.	86°	SLAG	8	4	8	26.3	4.5	1.8	8.0						
26	6-D	79+57	RT.	83°	DIRT	9	4	10	51.2	12.4 *		64.4						
26	7-D	85+24	RT.	86°	DIRT	8	4	8	86.3	18.5 *		67.8		19	122			
26	8-D	85+63	RT.	70°	SLAG	17	4	12	91.2	25.2	10.3	180.3		40				
27	1-D	89+57	LT.	90°	GRAVEL	10	4	8	41.5	6.9	2.8	1.1	1.4		31			
27	2-D	91+09	LT.	76°	SLAG	10	4	10	81.1	13.4	5.4		137.8		23		6	
27	3-D	92+91	LT.	86°	SLAG	10	4	8	28.4	5.6	2.2	0.7			21			
27	4-D	94+71	LT.	86°	SLAG	11	4	8	86.4	15.9	6.4	130.1						
27	5-D	95+56	LT.	87°	SLAG	8	4	8	81.6	11.8	4.7	106.8						
27	6-D	97+21	LT.	87°	BIT. APRON & SLAG DR.	10	4	8	61.4	10.5	4.3	56.0			24			
27	7-D	98+12	LT.	87°	BIT. APRON & SLAG DR.	10	4	8	11.4	3.0	1.2	4.2			20			
27	8-D	98+42	LT.	87°	BIT. APRON & SLAG DR.	8	4	8	26.4	5.4	1.8	1.5			22			
27	9-D	91+47	RT.	86°	SLAG	8	4	8	61.4	8.8	3.5		55.5			34		
27	10-D	96+68	RT.	90°	BIT. APRON & SLAG DR.	8	4	8	41.5	5.6	2.3	29.2			24			
27	11-D	97+68	RT	86°	BIT. APRON & GRAVEL DR.	12	4	8	31.4	7.0	2.8	18.8			28			
28	1-D	99+56	LT.	90°	BIT. APRON & SLAG DR.	10	4	8	29.5	5.1	2.0	2.3			29			
28	2-D	99+69	RT.	85°	BIT. APRON & GRAVEL DR.	12	4	8	26.3	6.1	2.4	8.5			29			
28	3-D	101+21	RT.	85°	BIT. APRON & GRAVEL DR.	14	4	8	21.3	5.9	2.4	8.3			32			
		TOTAL								372.1	114.8	2054.7	275.3	705	461	34	6	358

* 8" B-19 } AGGREGATE
** 7" B-19 } BASE COURSE