GENERAL SUMMARY

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

LAKE COUNTY
LAK - I - 6.97

ITEM	SHEET NUMBER 7	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	178	180	181	189	190	200	202	203	210	213	ITEM NO.	QUAN.	UNIT	DESCRIPTIONS
														25A,B,C																		TYPE CODE	7221		
																																			DRAINAGE
E-2		7	273		237	451	411	18	58		180			36					126	308	7					2			37			E-2	2151	C.Y.	Excavation for Structures
E-3			1845		5	9	4		1		23			3456					241	12									176			E-3	5772	C.Y.	Channel Excavation
I-1																										34				92	104	I-1	230	L.F.	12" Pipe for Driveways Sec. M-6.4 (a)
I-1																							92				46					I-1	138	L.F.	24" Pipe for Driveways Sec. M-6.4 (a)
I-1																						38										I-1	38	L.F.	30" Pipe for Driveways Sec. M-6.6 (b) or M-6.8 (b)
I-2														166																		I-2	166	L.F.	15" Class A Storm Sewer
I-2	1200				152	90		110	80				38							136												I-2	1806	L.F.	8" Class A Storm Sewers Under Pav't. Sec. M-6.5 (b) or M-6.8 (b)
I-2	600																															I-2	600	L.F.	12" Class A Storm Sewers Under Pav't. Sec. M-6.5 (b) or M-6.8 (b)
I-2		120													158		88															I-2	366	L.F.	15" Class A Storm Sewers Under Pav't. Sec. M-6.5 (b) or M-6.8 (b)
I-2									222						210	158										140						I-2	730	L.F.	18" Class A Storm Sewers Under Pav't. Sec. M-6.5 (b) or M-6.8 (b)
I-2								96																								I-2	96	L.F.	21" Class A Storm Sewers Under Pav't. Sec. M-6.6 (b) or M-6.8 (b)
I-2			348					88					262					74														I-2	772	L.F.	24" Class A Storm Sewers Under Pav't. Sec. M-6.6 (b) or M-6.8 (b)
I-2			152																		166											I-2	318	L.F.	24" Class A Storm Sewers Under Pav't. Sec. M-6.6 (c)
I-2								184					242			70	70															I-2	566	L.F.	27" Class A Storm Sewers Under Pav't. Sec. M-6.6 (b) or M-6.8 (b)
I-2														332																		I-2	332	L.F.	60" Class A Storm Sewers Under Pav't. Sec. M-106.6 (d)
I-2					52																							14				I-2	66	L.F.	12" Class A Storm Sewers Sec. M-6.5 (a) or M-6.8 (a)
I-2		130												50																		I-2	180	L.F.	15" Class A Storm Sewers Sec. M-6.5 (b) or M-6.8 (b)
I-2					42		24	50					88								50											I-2	254	L.F.	15" Class A Storm Sewers Sec. M-6.5 (a) or M-6.8 (a)
I-2								152																								I-2	152	L.F.	18" Class A Storm Sewers Sec. M-6.5 (b) or M-6.8 (b)
I-2														30				22		26												I-2	78	L.F.	18" Class A Storm Sewers Sec. M-6.5 (a) or M-6.8 (a)
I-2															12		12															I-2	24	L.F.	21" Class A Storm Sewers Sec. M-6.5 (a) or M-6.8 (a)
I-2															130		130															I-2	260	L.F.	21" Class A Storm Sewers Sec. M-6.6 (b) or M-6.8 (b)
I-2															12	12																I-2	24	L.F.	24" Class A Storm Sewers Sec. M-6.5 (a) or M-6.8 (a)
I-2								288							130	130																I-2	548	L.F.	24" Class A Storm Sewers Sec. M-6.6 (b) or M-6.8 (b)
I-2																				272	198											I-2	470	L.F.	27" Class A Storm Sewers Sec. M-6.6 (c)
I-2								250																								I-2	250	L.F.	27" Class A Storm Sewers Sec. M-6.6 (b) or M-6.8 (b)
I-2													496																			I-2	496	L.F.	30" Class A Storm Sewers Sec. M-6.6 (b) or M-6.8 (b)
I-2																	182	694														I-2	876	L.F.	33" Class A Storm Sewers Sec. M-6.6 (a) or M-6.8 (a)
I-2															288	1004	812															I-2	2104	L.F.	48" Class A Storm Sewers Sec. M-6.6 (a)
I-2													98		704																	I-2	802	L.F.	60" Class A Storm Sewers Sec. M-6.6 (a)
I-2														271																		I-2	271	L.F.	60" Class A Storm Sewers Sec. M-6.6 (c)
I-2					20	20		20	10				10							20												I-2	100	L.F.	8" Outlets for Storm Sewers Sec. M-6.4 (c)
I-3	400																															I-3	400	L.F.	6" Roadway Drainage
I-3	400					435	870	782	188		10															10						I-3	2695	L.F.	8" Roadway Drainage
I-3																										60						I-3	60	L.F.	12" Roadway Drainage
I-3	100													30																		I-3	130	L.F.	8" Outlets for Roadway Drainage Sec. M-6.4 (c)
I-3	50					10	10	20	20		10																					I-3	120	L.F.	10" Outlets for Roadway Drainage Sec. M-6.4 (c)
I-3	50																					26										I-3	76	L.F.	12" Outlets for Roadway Drainage Sec. M-6.4 (c)
I-4		2490	4170	4028	4063	3958	4100	4132	4181	4054	4234	4030	4047		4166	4118	4054	4018	4070	4068	1467											I-4	73,448	L.F.	6" Underdrains
I-4		30	30				40	60	30		40		40		130	60	40	20	40		10											I-4	570	L.F.	8" Outlets for Underdrains Sec. M-6.4 (a)
I-5		3	5	1	5	3	4	8	7	2	5	1	5		13	6	4	2	5	5	2											I-5	86	Ea.	6" Pipe Specials for Underdrains
I-5					2	13	16	16	6		1		1							2												I-5	57	Ea.	8" Pipe Specials for Underdrains
I-5														1																		I-5	1	Ea.	15" Pipe Special for Class A Storm Sewer
I-5					2	2		2	1				1							2												I-5	10	Ea.	8" Pipe Specials for Storm Sewers Sec. M-6.5 (b) or M-6.8 (b)
I-5					1																							1				I-5	2	Ea.	12" Pipe Special for Storm Sewers Sec. M-6.5 (a) or M-6.8 (a)
I-5							2																									I-5	2	Ea.	36" Pipe Specials for Roadway Culverts Sec. M-6.6 (b) or M-6.8 (b)
I-5													1																			I-5	1	Ea.	24" Pipe Special for Storm Sewers Sec. M-6.6 (b) or M-6.8 (b)
I-5													1																			I-5	1	Ea.	27" Pipe Special for Storm Sewers Sec. M-6.6 (b) or M-6.8 (b)
I-5					1																											I-5	1	Ea.	36" Pipe Special for Roadway Culvert Sec. M-6.6 (b)
I-5														1																		I-5	1	Ea.	60" Pipe Special for Storm Sewers Sec. M-106.6 (d)
I-5														1																		I-5	1	Ea.	60" Pipe Special for Storm Sewers Sec. M-6.6 (c)
I-8					1																					2		1				I-8	4	Ea.	Std. # 2-2-A Catch Basins
I-8														2																		I-8	2	Ea.	Std. # 2-2-B Catch Basins
I-8			1		1															1	1											I-8	4	Ea.	Std. # 4 Catch Basins
I-8		2					2	4	2				5		7	3	3															I-8	28	Ea.	Std. # 5 Catch Basins
I-8			1					2	2				1		2	2	1	2														I-8	13	Ea.	Std. # 5 Catch Basins, Modified as per plan.
I-8								3					1					1			1											I-8	6	Ea.	Std. # 1 Manholes
I-8														1																		I-8	1	Ea.	Std. # 2 Manhole, Modified as per plan.
I-8													1	1	2	2	1			1												I-8	8	Ea.	Std. # 2 Manholes without drop pipe.
I-8																							119	210	270	214		95	143	179	173	I-9	1403	L.F.	Stone Underdrains, No. 2
I-10		6	62	60	6			8	8				108	78		62			56	160	111	17										I-10	742	C.Y.	Dumped Rock Channel Protection
I-10														20																		I-10	20	S.Y.	Riprap
I-14			28					44	8				22		82	52	27															I-14	263	L.F.	Paved Gutter, Std. Type 1

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