GENERAL SUMMARY

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

14 / 379

TYPE CODE 7221

LAKE COUNTY
LAK-2-10.35

ITEM	SHEET NUMBER 10	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	125	126	127	142	147	16	ITEM NO.	QUAN.	UNIT	DESCRIPTIONS
																																DRAINAGE
E-2			82	122	120	6	131	12	12	6	193	27	18	16	6	173	6		7		6	180						1162	E-2	2285	C.Y.	Excavation For Structures
E-3			33	2	6		1188				5880	3698		3447	12,570	15943	9811			3012	6976	3469	202	851	684			43611	E-3	111,383	C.Y.	Channel Excavation
I-1																							74		36	138	58	110	I-1	416	L.F.	12" Pipe For Driveways Sec. M-6.4(a)
I-1																								74					I-1	74	L.F.	15" Pipe For Driveways Sec. M-6.4(a)
I-1																							34						I-1	34	L.F.	24" Pipe For Driveways Sec. M-6.4(a)
I-1																								178	44				I-1	222	L.F.	36" Pipe For Driveways Sec. M-6.6(a) or M-6.8(b)
I-1			48																										I-1	48	L.F.	53" x 34" Pipe For Driveways Sec. M-206.6 (b)
I-2	600																												I-2	600	L.F.	12" Storm Sewer Under Pavement or Approaches Sec. M-6.8(b) or M-6.5(b)
I-2	1200		44			44		44	44	44			100	62			44		158		160							44	I-2	1988	L.F.	8" Storm Sewer Under Pavement or Approaches Sec. M-6.8(b) or M-6.5(b)
I-2			80	86	86	84	88	174	170	90			164	206	80	192	158				98	102						52	I-2	1910	L.F.	15" Storm Sewer Under Pavement or Approaches Sec. M-6.8(b) or M-6.5(b)
I-2													114						80			84							I-2	278	L.F.	18" Storm Sewer Under Pavement or Approaches Sec. M-6.8(b) or M-6.5(b)
I-2																			86										I-2	86	L.F.	21" Storm Sewer Under Pavement or Approaches Sec. M-6.8(b) or M-6.6(a)
I-2												246																	I-2	246	L.F.	24" Storm Sewer Under Pavement or Approaches Sec. M-6.8(b) or M-6.6(b)
I-2																						4							I-2	4	L.F.	18" Storm Sewer Sec. M-6.5(a) or M-6.8(a)
I-2																		149	49										I-2	198	L.F.	15" Storm Sewer Sec. M-6.5(a) or M-6.8(a)
I-2									64																				I-2	64	L.F.	15" Storm Sewer Sec. M-6.5(b) or M-6.8(b)
I-2														60															I-2	60	L.F.	18" Class "B" Storm Sewer Under Pavement or Approaches
I-2														158															I-2	158	L.F.	21" Class "B" Storm Sewer Under Pavement or Approaches Sec. M-6.8(b) or M-6.6(b)
I-2																												60	I-2	60	L.F.	15" Class "B" Storm Sewer Under Pavement or Approaches
I-2			10			10		10	10	10			20	10			10		10		10							10	I-2	120	L.F.	8" Outlets For Storm Sewer Sec. M-6.4(c)
I-2																												62	I-2	62	L.F.	15" Class "B" Storm Sewer Sec. M-6.5(b) or M-6.8(b)
I-3	400																												I-3	400	L.F.	6" Roadway Drainage
I-3	400	439																											I-3	839	L.F.	8" Roadway Drainage
I-3	100																												I-3	100	L.F.	8" Outlet For Roadway Drainage Sec. M-6.4(c)
I-3	50																												I-3	50	L.F.	10" Outlet For Roadway Drainage Sec. M-6.4(c)
I-3	50																												I-3	50	L.F.	12" Outlet For Roadway Drainage Sec. M-6.4(c)
I-4		3464	2873	2032	3875	4026	4062	4078	3632	3424	2000	1680	3046	3790	3842	4148	3620	4062	3786	3723	3946	2594					625	15,092	I-4	87,420	L.F.	6" Underdrain
I-4			20	20	40	20	40	60	40	20		10	10	25	30	70	46					80					30	130	I-4	691	L.F.	8" Pipe Outlets For Underdrain Sec. M-6.4(a)
I-5		2	3	2	4	3	4	7	5	3		1	5	4	3	7	6	2	1		1	8					3	25	I-5	99	Ea.	6" Pipe Special For Underdrain
I-5		9	1			1		1	1	1			2	1			1		1		1							1	I-5	21	Ea.	8" Pipe Special For Underdrain
I-5			1			1		1	1	1			2	1			1		3		3								I-5	15	Ea.	8" Pipe Special For Storm Sewer Sec. M-6.5(b) or M-6.8(b)
I-8			1	1	1	1	1	2	2	1		1	2	1	1	2	2		1		1	1							I-8	22	Ea.	Std. No. 4 Catch Basin
I-8														1	1			1	1									2	I-8	6	Ea.	Std. No. 5 Catch Basin
I-8														1			1												I-8	2	Ea.	Std. No. 6 Catch Basin
I-8																						1							I-8	1	Ea.	Std. No. 1 Manhole
I-9																							192	336	204		125	2028	I-9	2885	L.F.	Stone Underdrain No. 2
I-10		37														50					11	191	6	51	17			247	I-10	610	C.Y.	Dumped Rock Channel Protection
L-10			66	66	66	57	67	77	75	115	306	80	114	60	112	593	110		113		57	82	17					1735	L-10	3968	S.Y.	Sodding as Per Plan
L-10									49															272				483	L-10	804	S.Y.	Sodding For Special Berm and Slope Protection as Per Plan
S-1			26.5	26.5	26.5	3.1	42.7	6.2	6.2	3.1	74.4	10.2	9.3	7.2	3.1	36.7	3.1		4.2		3.1	208.2						379.1	S-1	879.4	C.Y.	Concrete For Structures Class "C"
S-1																												1.4	S-1	1.4	C.Y.	Concrete For Structures Class "E"
S-4			884	884	884	146	1710	292	292	146	3,022	436	438	339	146	2144	146		193		146	26,192						36,171	S-4	74,611	Lb.	Reinforcing Steel
S-24																	Lump	Lump										Lump	S-24	Lump	Lump	Removal of Existing Structures
S-27																												66	S-27	66	L.F.	15" Pipe For Roadway Culverts Sec. M-6.6(b) or M-6.8(b)
S-27																												300	S-27	300	L.F.	18" Pipe For Roadway Culverts Sec. M-6.6(b) or M-6.8(b)
S-27																												72	S-27	72	L.F.	21" Pipe For Roadway Culverts Sec. M-6.6(b) or M-6.8(b)
S-27																												156	S-27	156	L.F.	42" Pipe For Roadway Culverts Sec. M-6.4(d) 10 Ga.
S-27											198																		S-27	198	L.F.	72" Pipe For Roadway Culverts Sec. M-6.6(b)
S-27																												220	S-27	220	L.F.	72" Pipe For Roadway Culverts Sec. M-6.6(c)
S-27			158	178	164																								S-27	500	L.F.	53" x 34" Pipe For Roadway Culverts Sec. M-206.6(b)
S-27							192																						S-27	192	L.F.	76" x 48" Pipe For Roadway Culverts Sec. M-206.6(b)
S-27																184													S-27	184	L.F.	91" x 58" Pipe For Roadway Culverts Sec. M-206.6(b)
S-28																												238	S-28	238	L.F.	72" Sectional Corrugated Metal Structures Sec. M-6.4(g) 10-8 Ga.
Special																													Special	Lump	Lump	Construction Layout Stakes

STRUCTURES OVER 20 FT. SPAN
For Estimated Quantities for:
Bridge No. LAK-2-1140, See Sheet No. 320
Bridge No. LAK-2-1165EW, See Sheet No. 326
Bridge No. LAK-2-1263, See Sheet No. 331
Bridge No. LAK-2-1350, See Sheet No. 340
Bridge No. LAK-2-1351, See Sheet No. 351