GENERAL SUMMARY

FED. RD. DIVISION	STATE	PROJECT		
2	OHIO			19/313

LAKE COUNTY
LAK-2-16.49

ITEM NO.	GENERAL NOTES AND SUB-SUMMARY				FG 329(23)	U 329(23)	F329(23)	SHEET NUMBER														U329(23)	F 329(23)	TOTAL FG 329(23)	TOTAL U329(23)	F-329(23)	TOTAL F329(23)	ITEM NO.	TOTAL PROJECT QUAN.	UNIT	DESCRIPTIONS CODE TYPE 7221
	15	16	17	18	27&160	23	23	24	25	26	27	28	29	30	31	32	33	34	36	38			301	301			20					
																																DRAINAGE
E-2															86												0	86	E-2	86	C.Y.	EXCAVATION FOR STRUCTURES
E-3																6										0	556	562	E-3	562	C.Y.	CHANNEL EXCAVATION
E-12															516			432	1,376	534						0	260	3,118	E-12	3,118	L.F.	PIPE REMOVED, 15" AND UNDER
E-12								238	36											80						0	50	404	E-12	404	L.F.	PIPE REMOVED, OVER 15"
I-1																										0	64	64	I-1	64	L.F.	15" PIPE CLASS A-1
I-1																										0	86	86	I-1	86	L.F.	15" PIPE CLASS A-1 SEC. M-6.4(d), SEC. M-6.6(b), OR SEC. M-6.8(b)
I-1														178												0	0	178	I-1	178	L.F.	18" PIPE CLASS A-1 SEC. M-6.6(a) OR SEC. M-6.8(b)
I-1																54										0	0	54	I-1	54	L.F.	21" PIPE CLASS A-1
I-1																										0	188	188	I-1	188	L.F.	24" PIPE CLASS A-1 SEC. M-6.6(d) OR SEC. M-6.4(d)
I-1																158										0	0	158	I-1	158	L.F.	30" PIPE CLASS A-1 SEC. M-6.6(b) OR SEC. M-6.8(b)
I-1																										0	88	88	I-1	88	L.F.	30" PIPE CLASS A-1 SEC. M-6.6(b) OR SEC. M-6.4(d)
I-1																										0	260	260	I-1	260	L.F.	36" PIPE CLASS A-1 SEC. M-6.6(a) OR SEC. M-6.8(b)
I-1																				340						0	0	340	I-1	340	L.F.	48" PIPE CLASS A-1 SEC. M-6.6(b)
I-1		560																								0	0	560	I-1	560	L.F.	6" PIPE CLASS E-1
I-1															102											0	558	660	I-1	660	L.F.	12" PIPE CLASS E-1
I-1								10		10	18		400			10		168								0	0	616	I-1	616	L.F.	15" PIPE CLASS E-1
I-1												10						380								0	0	390	I-1	390	L.F.	21" PIPE CLASS E-1
																										0						
I-1									500			326														0	0	826	I-1	826	L.F.	24" PIPE CLASS E-1
I-1								300		524																0	0	824	I-1	824	L.F.	27" PIPE CLASS E-1
I-1											150															0	0	150	I-1	150	L.F.	30" PIPE CLASS E-1
I-1											328															0	0	328	I-1	328	L.F.	33" PIPE CLASS E-1
I-1		100						50	46	40	30	30	20	40	40	60	90	15		10						0	28	599	I-1	599	L.F.	6" PIPE CLASS F-4
I-1	40	50					20	20	10		20	24		20		30	20	10	10	10						0	80	364	I-1	364	L.F.	8" PIPE CLASS F-4 SEC. M-6.4(c)
I-1						38	40				56	86	40													38	0	222	I-1	260	L.F.	12" PIPE CLASS F-4
I-1					94										80			66		28					94	0	80	254	I-1	348	L.F.	15" PIPE CLASS F-4
I-1										64																0	0	64	I-1	64	L.F.	21" PIPE CLASS F-4
I-1																58										0	0	58	I-1	58	L.F.	43"x27" PIPE CLASS G-1 SEC. M-6.4(j)(d)
I-1		150											534													0	0	684	I-1	684	L.F.	8" PIPE CLASS H-2
I-1						556	126	4,167	4,010	5,145	2801	3,028	4,083	3,969	3304	3,944	4,072	5,348	3,746	1,106						556	4,160	53,009	I-1	53,565	L.F.	6" PIPE CLASS I-3
I-1	200	4,000																								0	0	4,200	I-1	4,200	L.F.	6" PIPE CLASS I-3 SEC. M-6.4(h)
I-1		150							168	190	143	105		88		34		166	123							0	190	1,357	I-1	1,357	L.F.	6" PIPE CLASS J-1
I-1								150	86	74	154	384		84	128	82	82		348	190						0	0	1,762	I-1	1,762	L.F.	15" PIPE CLASS J-1
I-1					34																				34	0	0	0	I-1	34	L.F.	15" PIPE CLASS J-1 SEC. M-6.6(d)
I-1									102			104						76								0	0	282	I-1	282	L.F.	18" PIPE CLASS J-1
I-1																										0	126	126	I-1	126	L.F.	18" PIPE CLASS J-1 SEC. M-6.6(c)
I-1										64		74					172									0	0	310	I-1	310	L.F.	21" PIPE CLASS J-1
I-1								100										158								0	0	258	I-1	258	L.F.	24" PIPE CLASS J-1
I-1								90																		0	0	90	I-1	90	L.F.	27" PIPE CLASS J-1
I-1												230														0	0	230	I-1	230	L.F.	30" PIPE CLASS J-1 SEC. M-6.6(c)
I-1											158															0	0	158	I-1	158	L.F.	36" PIPE CLASS J-1
I-2								0.7			0.6	1.3		0.9	0.5	3.0	0.6	0.4	0.5	11.4						0	6.1	26.0	I-2	26.0	C.Y.	MASONRY
I-5															4					2						0	0	6	I-5	6	EA.	15" CLASS F-4 PIPE SPECIALS SEC. M-6.4(c)
I-5																1										0	0	1	I-5	1	EA.	30" CLASS A-1 PIPE SPECIAL SEC. M-6.6(b) OR SEC. M-6.8(b)
I-5																										0	1	1	I-5	1	EA.	36" CLASS A-1 PIPE SPECIAL SEC. M-6.6(a) OR SEC. M-6.8(b)
I-5		5																								0	0	5	I-5	5	EA.	6" CLASS E-1 PIPE SPECIALS
I-5		2																								0	0	2	I-5	2	EA.	12" CLASS E-1 PIPE SPECIALS
I-5												2														0	0	2	I-5	2	EA.	12" CLASS F-4 PIPE SPECIALS
I-5											2							2								0	0	4	I-5	4	EA.	15" CLASS F-4 PIPE SPECIALS
I-5										2																0	0	2	I-5	2	EA.	21" CLASS F-4 PIPE SPECIALS
I-5													10													0	0	10	I-5	10	EA.	4" CLASS H-2 PIPE SPECIALS
I-5													1													0	0	1	I-5	1	EA.	6" CLASS H-2 PIPE SPECIAL
I-5		10											11													0	0	21	I-5	21	EA.	8" CLASS H-2 PIPE SPECIALS
I-5							1	10	1		3	4	2	4		6	6	1		3						0	8	49	I-5	49	EA.	6" CLASS I-3 PIPE SPECIALS
I-5									10	10	8	4		4		3		7	4							0	7	57	I-5	57	EA.	6" CLASS J-1 PIPE SPECIALS
I-8					1				1	1	2	1													1	0	0	5	I-8	6	EA.	STANDARD NO. 2-2A CATCH BASINS
I-8						1	1				2		1		2											1	5	11	I-8	12	EA.	STANDARD NO. 2-2B CATCH BASINS
I-8								1	1	2	2	3					1	2								0	0	12	I-8	12	EA.	STANDARD NO. 5 CATCH BASINS
I-8												2							2							0	1	5	I-8	5	EA.	STANDARD NO. 6 CATCH BASINS
I-8								2		1	2	2	1	2		2	2	1								0	0	15	I-8	15	EA.	STANDARD NO. 8 CATCH BASINS
I-8																				1						0	0	1	I-8	1	EA.	STANDARD NO. 2-5 CATCH BASIN
I-8																				1						0	0	1	I-8	1	EA.	STANDARD NO. 2-A-6 INLET
I-8																				1						0	0	1	I-8	1	EA.	STANDARD NO. 2-6 MEDIAN INLET
I-8								2	1	1	3	2						1								0	1	11	I-8	11	EA.	STANDARD NO. 1 MANHOLES
I-8																										0	1	1	I-8	1	EA.	STANDARD NO. 2 MANHOLE WITHOUT DROP PIPE
I-8								1																		0	0	1	I-8	1	EA.	MODIFIED NO. 2-3 CATCH BASIN, AS PER PLAN
I-8																				2						0	0	2	I-8	2	EA.	CATCH BASIN ADJUSTED TO GRADE, WITH NO. 6 GRATE AND FRAME, AS PER PLAN
I-9																2,388										0	1,152	3,540	I-9	3,540	L.F.	STONE UNDERDRAINS NO. 2
I-10						13	23	8			24	1		5	4	6		36		19			14	150		27	91	367	I-10	394	C.Y.	DUMPED ROCK CHANNEL PROTECTION
I-10																30										0	17	47	I-10	47	S.Y.	RIPRAP 6" REINFORCED, AS PER PLAN
I-14								135																		0	0	135	I-14	135	L.F.	STANDARD TYPE 1 PAVED GUTTER
I-14																		121								0	0	121	I-14	121	L.F.	STANDARD TYPE 3 PAVED GUTTER
I-16					1																				1	0	0	0	I-16	1	EA.	CATCH BASIN ABANDONED
I-16															1											0	1	2	I-16	2	EA.	INLETS ABANDONED
I-16								1																		0	1	2	I-16	2	EA.	MANHOLES ABANDONED
S-1															38											0	0	38	S-1	38	C.Y.	CONCRETE FOR STRUCTURES, CLASS "C"
S-4															4,340											0	0	4340	S-4	4,340	LBS.	REINFORCING STEEL
S-24									LUMP																	0	0	LUMP	S-24	LUMP	LUMP	REMOVAL OF EXISTING STRUCTURES
I-9	12								3																	0	0	15	I-9	15	L.F.	STONE UNDERDRAINS, NO. 1, AS PER PLAN