GENERAL SUMMARY

LAKE COUNTY
LAK-1-4.02

SHEET NUMBER — I-1103 (20)

ITEM	9	10	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
I-9																	
I-10				2	28	1072	18	24	48	35			6		18	24	
I-14													146				
I-14							168		60	280	508						
S-1															10.40		
S-1				0.41	0.36	0.30	1.03		0.62	0.30		0.59					
S-4															484		
S-27																	
S-27																	
S-27																	
S-27																	
S-27																	
S-27																	
S-27																	
S-27																	
S-27																	
S-27																	
S-28																	
S-29		4.50			0.30		0.30	0.60	0.60	0.30					0.30	0.30	
I-5																	
I-5																	
B-20			910.58														
B-219			4570.														
B-35			66.25														
B-19			141														
T-30			674.79														
T-31			13,709.														
T-31			438.70														
T-32			860.63														
T-32			239.06														
T-32			53.55														
T-32			3.83														
T-32			7.65														
T-35			36.13														
T-71			3,007.83														
T-71			92,331.44														
I-7			1,067														
I-7			571.48														
I-12																	
I-12																	
I-12																	
I-18			8,163.86														
I-21																	
I-22			27,551.81														
I-23																	
Special																	

SHEET NUMBER — I-1103 (20) (continued)

ITEM	176	177	178	179	180	184	186	190	194	195	201	202	209	241	251	252	253	254	255	256	257	258	259	314	329	Calc.
I-9			136	72	90																					
I-10	163						12	24					4		60				18	23		10				
I-14																										
I-14									38	500							50		59							
S-1																11.6	14.90	26.7	30.0		10.5	0.82	17.6			
S-1													5.90		46.0					1.70	0.90					
S-4													291			998	773	905	1198		559		772			
S-27																							252			
S-27																					60					
S-27																						96				
S-27																		752								
S-27																410										
S-27																			378							
S-27																				112						
S-27																	607									
S-27																										
S-27																					76					
S-28															464											
S-29								0.60		0.30		0.60		14.1												
I-5																					1					
I-5																					1					
B-20	24.56	21.36																								
B-219																										
B-35																										
B-19	170.0																									
T-30	8.60	7.47																								
T-31																										
T-31																										
T-32																										
T-32																										
T-32																										
T-32																										
T-32																										
T-35	1.02	0.89	0.93	4.07	1.16																					
T-71																										
T-71																										
I-7																										
I-7																										
I-12													672													
I-12								200	200																	
I-12							655				35	617														
I-18																										
I-21								28.0	27.0				87.0													
I-22														36												
I-23																										
Special																										

SHEET NUMBER — S-46 (7)

ITEM	10	16	207	208	209	210	260	314	Calc.
I-10						2	22		
S-1						0.26	2.30		
S-27 (68" X 43")							108		
B-19						39.0			
T-35						8			
T-71 (9")		12,464.98							
I-12 (Type 2-A)				537	633	1006			
I-18		374.82							
I-21				24.0		29.0			
I-22		3,005.23							
I-23				25		23			

TYPE CODE 7221

ITEM	I-1103 (20) QUANT.	S-46 (7) QUANT.	TOTAL QUANT.	UNIT	DESCRIPTION
					DRAINAGE (Continued)
I-9	298		298	Lin. Ft.	Stone Underdrains, No. 2
I-10	1589	24	1613	Cu. Yds.	Dumped Rock Channel Protection
I-14	146		146	Lin. Ft.	Standard Type I Paved Gutter
I-14	1663		1663	Lin. Ft.	Standard Type I Paved Gutter, Modified as per Plan
S-1	122.5		122.5	Cu. Yds.	Concrete for Structures, Class "C"
S-1	58.1	2.6	60.7	Cu. Yds.	Concrete for Structures, Class "E"
S-4	5980		5980	Lbs.	Reinforcing Steel
S-27	252		252	Lin. Ft.	21" Pipe for Roadway Culverts, Sec. M-6.6 (d)
S-27	60		60	Lin. Ft.	15" Pipe for Roadway Culverts, Sec. M-6.6 (b) or Sec. M-6.8 (b)
S-27	96		96	Lin. Ft.	24" Pipe for Roadway Culverts, Sec. M-6.6 (b) or Sec. M-6.8 (b)
S-27	752		752	Lin. Ft.	30" Pipe for Roadway Culverts, Sec. M-6.6 (b) or Sec. M-6.8 (b)
S-27	410		410	Lin. Ft.	30" Pipe for Roadway Culverts, Sec. M-6.6 (d)
S-27	378		378	Lin. Ft.	48" Pipe for Roadway Culverts, Sec. M-6.6 (b)
S-27	112		112	Lin. Ft.	45" X 29" Pipe for Roadway Culverts, Sec. M-206.6 (b)
S-27	607		607	Lin. Ft.	53" X 34" Pipe for Roadway Culverts, Sec. M-206.6 (b)
S-27		108	108	Lin. Ft.	68" X 43" Pipe for Roadway Culverts, Sec. M-206.6 (b)
S-27	76		76	Lin. Ft.	36" Pipe for Roadway Culverts
S-28	464		464	Lin. Ft.	174" Sectional Corrugated Metal Structure, Sec. M-6.4 (g) Gage 5-3
S-29	150		150	Cu. Yds.	Drainage of Structures, No. 2 Aggregate As per plan
I-5	1		1	Each	15" Cast Iron Flapgate (Armco Model 10-C, or Approved Equal)
I-5	1		1	Each	36" Cast Iron Flapgate (Armco Model 10-C, or Approved Equal)
					PAVEMENT
B-20	957		957	Sq. Yds.	8" Waterbound Macadam Base Course Using Size No. 2 coarse Aggregate
B-219	4570		4570	Cu. Yds.	Waterproofed Aggregate Base Course
B-35	66		66	Cu. Yds.	Asphaltic Concrete Base Course (70-85)
B-19	311	39	350	Cu. Yds	Aggregate Base Course
T-30	691		691	Gals.	Bituminous Prime Coat, Sec. M-5.7, RT-2 or RT-3, Sec. M-5.3, MC 0-1
T-31	13,709		13,709	Gals.	Bituminous Surface Treatment-Bituminous Material, as per plan.
T-31	439		439	Cu. Yds.	Bituminous Surface Treatment-No. 6 Aggregate
T-32	861		861	Gals.	Road Mix Bituminous Material Sec. M-5.7, RT 8-9 or Sec. M-5.3, MC 4-5
T-32	239		239	Gals.	Seal Coat Bituminous Material, Sec. M-5.7, RT 9-10 or Sec. M-5.3, MC 4-5
T-32	54		54	Cu. Yds.	No. 46 Aggregate for Road Mix
T-32	4		4	Cu. Yds.	No. 6 or 9 Aggregate for Choke
T-32	8		8	Cu. Yds.	No. 6 Aggregate for Seal Coat
T-35	44	8	52	Cu. Yds.	Asphaltic Concrete Surface Course, Type "A" (70-85)
T-71	3,008	12,465	15,473	Sq. Yds.	9" Reinforced Portland Cement Concrete Pavement
T-71	92,332		92,332	Sq. Yds.	10" Reinforced Portland Cement Concrete Pavement
I-7	1,067		1,067	Sq. Yds.	Reinforced Concrete Approach Slabs (T=13")
I-7	571.5		571.5	Sq. Yds.	Reinforced Concrete Approach Slabs, as per Plan (T=13)
I-12	672	2,176	2,848	Lin. Ft.	Standard Type 2-A Concrete Curb
I-12	400		400	Lin. Ft.	Standard Type 6 Concrete Curb
I-12	1,307		1,307	Lin. Ft.	Special Portland Cement Concrete Curb, as per plan.
I-18	8164	375	8539	Cu. Yds	Stabilized Crushed Aggregate Shoulders and Approaches
I-21	142	53	195	Sq. Yds.	4" Portland Cement Concrete Median Pavement, Standard Type I
I-22	27,588	3,005	30,593	Cu. Yds.	Subbase Grading A or B, as per Plan
I-23		48	48	Each	Precast White Portland Cement Concrete Traffic Dividers, Standard
Special	Lump	Lump	Lump	Lump	Construction Layout Stakes.

WATER LINE RELOCATIONS (OHIO WATER SERVICE CO.)
KIRTLAND ROAD For Estimated Quantities See Sheet No. 179
STATE ROUTE 306 For Estimated Quantities See Sheet No. 201

STRUCTURES OVER 20' SPAN

LAK-1-0426	For Estimated Quanities	See	Sheet	Number			267 & 272
LAK-1-0499	"	"	"	"	"	"	282 & 283
LAK-1-0505	"	"	"	"	"	"	291
LAK-1-0541	"	"	"	"	"	"	298
LAK-1-0608	"	"	"	"	"	"	304
LAK-1-0665	"	"	"	"	"	"	313

FORCE ACCOUNT WORK
The Cleveland Electric Illuminating Company-Sheet No's. 317, 320, 325, 326, 327, & 331
Pittsburgh Consolidation Coal Company-Sheet No. 327