FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	I-1103 (20) S-46 (7)	

12
333

LAKE COUNTY
LAK-1-4.02

GENERAL SUMMARY

ITEM	SHEET NUMBER I-1103(20) 9	10	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	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.		S-46(7) 10	16	207	208	209	210	260	314	Calc.		ITEM	I-1103(20) QUANT.	S-46(7) QUANT.	TOTAL QUANT.	UNIT	DESCRIPTION
																																																									TYPE CODE 7221				DRAINAGE (Continued)
I-2									38																					66																										I-2	104		104	Lin. Ft.	15" Class "A" Storm Sewers, Sec. M-6.4 (c)
I-2									30																																															I-2	30		30	Lin. Ft.	21" Class "A" Storm Sewers, Sec. M-6.4 (c)
I-2				34										26																																										I-2	60		60	Lin. Ft.	24" Class "A" Storm Sewers, Sec. M-6.4 (c)
I-2											1198	698																																												I-2	1,896		1,896	Lin. Ft.	48" Class "A" Storm Sewers, Sec. M-6.6 (a)
I-2										56																																														I-2	56		56	Lin. Ft.	54" Class "A" Storm Sewers, Sec. M-6.6 (b)
I-2												20																																												I-2	20		20	Lin. Ft.	18" Class "A" Storm Sewers, Sec. M-6.5 (b) or Sec. M-6.8 (b)
I-2														134																																										I-2	134		134	Lin. Ft.	24" Class "A" Storm Sewers, Sec. M-6.5 (a) or Sec. M-68 (a)
I-2												40	1188																																											I-2	1,228		1,228	Lin. Ft.	36" Class "A" Storm Sewers, Sec. M-6.6 (a) or Sec. M-6.8 (b)
I-2																																																			30						I-2		30	30	Lin. Ft.	12" Class "A" Storm Sewers.
I-2								20	56							28																																								I-2	104		104	Lin. Ft.	15" Class "A" Storm Sewers.
I-2																54		24																																						I-2	78		78	Lin. Ft.	18" Class "A" Storm Sewers.
I-2												400																																												I-2	400		400	Lin. Ft.	48" Class "A" Storm Sewers, Sec. M-6.6 (b)
I-2										50																																														I-2	50		50	Lin. Ft.	18" Class "A" Storm Sewers, Sec. M-6.4 (c)
I-2												64																																												I-2	64		64	Lin. Ft.	36" Class "A" Storm Sewers, Sec. M-6.4 (c)
I-2										70																																														I-2	70		70	Lin. Ft.	54" Class "A" Storm Sewers, Sec. M-6.4 (c)
I-2												98																																												I-2	98		98	Lin. Ft.	36" Class "A" Storm Sewers, Sec. M-6.6 (b) or Sec. M-6.8 (b)
I-2		600		268	236	246	214	317	300	340		185			112	143																750																									I-2	3,711		3,711	Lin. Ft.	8" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.5 (b) or Sec. M-6.8 (b)
I-2																																																			118					I-2		118	118	Lin. Ft.	12" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.5 (b) or Sec. M-6.8 (b)
I-2																														96																					64					I-2	96	64	160	Lin. Ft.	15" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.5 (b) or Sec. M-6.8 (b)
I-2										160					84																																									I-2	244		244	Lin. Ft.	18" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.5 (b) or Sec. M-6.8 (b)
I-2									156			130																																												I-2	286		286	Lin. Ft.	21" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (b) or Sec. M-6.8 (b)
I-2		600																																																						I-2	600		600	Lin. Ft.	10" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.5 (b) or Sec. M-6.8 (b)
I-2							170																																																	I-2	170		170	Lin. Ft.	21" Class A Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (c) or Sec. M-6.8 (b)
I-2											8		82																																											I-2	90		90	Lin. Ft.	24" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (a) or Sec. M-6.8 (b)
I-2											82	82																																												I-2	164		164	Lin. Ft.	27" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (a) or Sec. M-6.8 (b)
I-2														94																																										I-2	94		94	Lin. Ft.	36" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (a) or Sec. M-6.8 (b)
I-2							166																																																	I-2	166		166	Lin. Ft.	24" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (b) or Sec. M-6.8 (b)
I-2												8																																												I-2	8		8	Lin. Ft.	21" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (a) or Sec. M-6.8 (b)
I-2												82																																												I-2	82		82	Lin. Ft.	42" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (b)
I-2				160																																																				I-2	160		160	Lin. Ft.	24" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (c)
I-2						178																																																		I-2	178		178	Lin. Ft.	18" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (c)
I-2							182																																																	I-2	182		182	Lin. Ft.	15" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (c)
I-2											126																																													I-2	126		126	Lin. Ft.	18" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.5 (b), or Sec. M-6.8 (b)
I-2					208																																																			I-2	208		208	Lin. Ft.	21" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (d)
I-2										70																																														I-2	70		70	Lin. Ft.	48" Class "A" Storm Sewers Under Pavement or Approaches, Sec. M-6.6 (a)
I-2															110																																									I-2	110		110	Lin. Ft.	15" Class "B" Storm Sewers Under Pavement or Approaches
I-2										12				553																																										I-2	565		565	Lin. Ft.	36" Class "A" Storm Sewers, Sec. M-6.6 (a) or Sec. M-6.8 (a)
I-3		800																																																						I-3	800		800	Lin. Ft.	6" Roadway Drainage
I-3		800																																																						I-3	800		800	Lin. Ft.	8" Roadway Drainage
I-3		100																																																						I-3	100		100	Lin. Ft.	8" Pipe Outlets for Roadway Drainage, Sec. M-6.4 (c)
I-3		100																																																						I-3	100		100	Lin. Ft.	10" Pipe Outlets for Roadway Drainage, Sec. M-6.4 (c)
I-3							10																																																	I-3	10		10	Lin. Ft.	15" Pipe Outlets for Roadway Drainage, Sec. M-6.4 (c)
I-4				2361	3910	4688	4430	4053	2352	3596	475	3804	4800	4809	4892	4762	2400							988	806	392	883	755	220	451																			318	313	1170					I-4	55,827	1,801	57,628	Lin. Ft.	6" Underdrains
I-4							430		715		2208	400																				216																									I-4	3,969		3,969	Lin. Ft.	6" Underdrains Sec. M-6.4 (h)
I-4				20	20	20	20	40	40	40	10	60		20	40	40									20	20	10		20	10																					10					I-4	450	10	460	Lin. Ft.	8" Pipe Outlets for Underdrains, Sec. M-6.4 (a)
I-5							2		4																																															I-5	6		6	Each	6" Pipe Specials for Underdrains, Sec. M-6.4 (h)
I-5				2	2	2	2	3	3	4	3	6		2	6	7									6	2	1		2	1																			1		1					I-5	54	2	56	Each	6" Pipe Specials for Underdrains
I-5									2																					2																										I-5	4		4	Each	15" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (c)
I-5									2																																															I-5	2		2	Each	21" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (c)
I-5				2										1																																										I-5	3		3	Each	24" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (c)
I-5										2																						9																									I-5	11		11	Each	8" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.5 (b) or Sec. M-6.8 (b)
I-5									2																																															I-5	2		2	Each	8" Pipe Specials for Class "A" Storm Sewers
I-5																		1																																						I-5	1		1	Each	18" Pipe Specials for Class "A" Storm Sewers
I-5										2																																														I-5	2		2	Each	18" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (d)
I-5												1																																												I-5	1		1	Each	36" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (c)
I-5										2																																														I-5	2		2	Each	54" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (d)
I-5				4	6	4	6	8	6	8		2			4	4																3																									I-5	55		55	Each	8" Pipe Specials for Class "A" Storm Sewers Under Pavt. or Approaches Sec. M-6.5 (b) or Sec. M-6.8 (b)
I-5																																				3																					I-5	3		3	Each	30" Pipe Specials for Roadway Culverts, Sec. M-6.6 (b) or Sec. M-6.8 (b)
I-5																																					2																				I-5	2		2	Each	48" Pipe Specials for Roadway Culverts, Sec. M-6.6 (b)
I-8																																																			2					I-8		2	2	Each	Standard No. 2-2-A Catch Basins
I-8				1	1	1	3	1	1	2																																														I-8	10		10	Each	Standard No. 4 Catch Basins
I-8											3	4		1	1	4																																								I-8	13		13	Each	Standard No. 5 Catch Basins
I-8													1																																											I-8	1		1	Each	Standard No. 5 Catch Basins, Modified
I-8															3																																									I-8	3		3	Each	Standard No. 6 Catch Basins
I-8																														1																					1					I-8	1	1	2	Each	Standard No. 2-20 Inlets
I-8																														2																										I-8	2		2	Each	Standard No. 2-8 Inlets
I-8												1	3	2																																										I-8	6		6	Each	Standard No. 1 Manholes
I-8										2	1	2																																												I-8	5		5	Each	Standard No. 2 Manholes without drop pipe

MICHAEL BAKER, JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

STATE HIGHWAY NO. 1
C-44
GENERAL SUMMARY

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
	B.P.	A.G.	L.W		