FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

13 / 312

LAKE COUNTY
LAK-1-2.16

GENERAL SUMMARY

SHEET NUMBER

ITEM	10	11	18-A	19	21	22	23	24	25	26	27	28	29	154	155	163	164	173	180	185	192	193	194	195	230	239	240	249	250	259	265	266	267	268	269	270	271	272	273	274	297	ITEM	TOTAL QUANT.	UNIT	DESCRIPTION
																																										TYPE CODE 7221			
I-2																																													DRAINAGE (Continued)
I-2							180																																			I-2	180	Lin.Ft.	36"Class"A"Storm Sewer under Pavement or Approaches, Sec. M-6.4 (c) – 10 Gage
I-2		600					386	188							34		30					46																				I-2	1284	Lin.Ft.	8" Class "A" Storm Sewer under Pavement or Approaches, Sec. M-6.5 (b) or Sec. M-6.8 (b)
I-2		600																																								I-2	600	Lin.Ft.	10" Class "A" Storm Sewer under Pavement or Approaches, Sec. M-6.5(b) or Sec. M-6.8(b)
I-2									64						82									124																		I-2	270	Lin.Ft.	15" Class "A" Storm Sewer under Pavement or Approaches, Sec. M-6.5 (b) or Sec. M-6.8(b)
I-2							116																																			I-2	116	Lin.Ft.	18" Class "A" Storm Sewer under Pavement or Approaches, Sec. M-6.5 (b) or Sec. M-6.8(b)
I-2							122																																			I-2	122	Lin.Ft.	21" Class "A" Storm Sewer under Pavement or Approaches, Sec. M-6.6 (b) or Sec. M-6.8(b)
I-2						96						148																														I-2	244	Lin.Ft.	24" Class "A" Storm Sewer under Pavement or Approaches, Sec. M-6.6 (b) or Sec. M-6.8(b)
I-2								94																																		I-2	94	Lin.Ft.	27" Class "A" Storm Sewer under Pavement or Approaches, Sec. M-6.6 (a) or Sec. M-6.8(b)
I-2						72																																				I-2	72	Lin.Ft.	30" Class "A" Storm Sewer under Pavement or Approaches, Sec. M-6.6 (b) or Sec. M-6.8(b)
I-2								106				118																														I-2	224	Lin.Ft.	24" Class "A" Storm Sewer under Pavement or Approaches, Sec. M-6.6(a) or Sec. M-6.8(b)
I-2							124																																			I-2	124	Lin.Ft.	30" Class "A" Storm Sewer under Pavement or Approaches Sec. M-6.6 (c)
I-2										82																																I-2	82	Lin.Ft.	14"×23" Class "B" Storm Sewer under Pavement or Approaches, Sec. M-206.6 (b)
I-2							124															46																				I-2	170	Lin.Ft.	15" Class "B" Storm Sewer under Pavement or Approaches
I-3		800																																								I-3	800	Lin.Ft.	6" Roadway Drainage
I-3		800																																								I-3	800	Lin.Ft.	8" Roadway Drainage
I-3																								204																		I-3	204	Lin.Ft.	15" Roadway Drainage
I-3																											264															I-3	264	Lin.Ft.	18" Roadway Drainage
I-3		400																																								I-3	400	Lin.Ft.	8" Pipe Outlets for Roadway Drainage, Sec. M-6.4 (c)
I-3		400																																								I-3	400	Lin.Ft.	10" Pipe Outlets for Roadway Drainage, Sec. M-6.4 (c)
I-5																											2															I-5	2	Each	18" Pipe Specials for Roadway Drainage
I-4					2189	1027	3792	3575	3150	1224	534	4446	908	1030	648	831		945	676	782		1400	1082	928																		I-4	29,167	Lin.Ft.	6" Underdrains
I-4		1000			581	2053	738	772	900	2147	2543	379				350	400											1728	550													I-4	14,141	Lin.Ft.	6" Underdrains Sec. M-6.4 (h)
I-4							196	8																																		I-4	204	Lin.Ft.	8" Underdrains Sec. M-6.4 (h)
I-4					20	10	50	60	10	20	30	40		10	10		10	10	10	10		10	20					20														I-4	350	Lin.Ft.	8" Pipe Outlets for Underdrains, Sec. M-6.4 (a)
I-2						128																																				I-2	128	Lin.Ft.	21" Class "A" Storm Sewer Sec. M-6.6 (c)
I-5					2	1	8	10	3	2		7		4	3	1		3	2	3		6	4	2				9														I-5	70	Each	6" Pipe Specials for Underdrains
I-5					2	5					5	1					2																									I-5	15	Each	6" Pipe Specials for Underdrains, Sec. M-6.4 (h)
I-5					3		10	3																																		I-5	16	Each	8" Pipe Specials for Underdrains, Sec. M-6.4 (h)
I-5																								1																		I-5	1	Each	15" Pipe Special for Class "A" Storm Sewers under Pav't. or Approaches, Sec. M-6.5(b) or Sec. M-6.8(b)
I-5							3	4							1		1					1																				I-5	10	Each	8" Pipe Specials for Class "A" Storm Sewers under Pav't. or Approaches, Sec. M-6.5(b) or Sec. M-6.8(b)
I-5							2															2																				I-5	4	Each	15" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (c)
I-5							2																																			I-5	2	Each	18" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (c)
I-5												4																														I-5	4	Each	24" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (c)
I-5								2																																		I-5	2	Each	27" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (c)
I-5								2														2																				I-5	4	Each	8" Pipe Specials for Class "A" Storm Sewers, Sec. M-6.4 (c)
I-5																																								2		I-5	2	Each	24" Pipe Specials for Roadway Culverts Sec. M-6.4 (d)
I-2									62																																	I-2	62	Lin.Ft.	15" Class "B" Storm Sewers Under Pavement or Approaches - Sec. M-6.6 (c)
I-5																																2										I-5	2	Each	36" Pipe Specials for Roadway Culverts Sec. M-6.4 (d)
S-24					Lump													Lump								Lump																S-24	Lump	Lump	Removal of Existing Structures
I-8																																1										I-8	1	Each	Standard No. 1 Manhole
I-8															1									1																		I-8	2	Each	Standard No. 2-2-A Catch Basins
I-8																											1													1		I-8	2	Each	Standard No. 2-2-A Catch Basins, Modified as per plan
I-8									1																			1														I-8	2	Each	Standard No. 2-2-B Catch Basins
I-8					1																																					I-8	1	Each	Standard No. 2-3 Catch Basin, Modified as per plan
I-8							1																																			I-8	1	Each	Standard No. 2-4 Catch Basin, Modified as per plan
I-8					1		1					2																														I-8	4	Each	Standard No. 4 Catch Basins
I-8						3	1	2			2																															I-8	8	Each	Standard No. 5 Catch Basins
I-8							3			2																																I-8	5	Each	Standard No. 6 Catch Basins
I-8																						1																				I-8	1	Each	Standard No. 2-20 Inlet
I-8					1																																					I-8	1	Each	Standard No. 2 Manhole, without Drop Pipe
I-9																					30	100		160	432	250	112															I-9	1,094	Lin.Ft.	Stone Underdrains, No. 2, as per plan
I-10						2	6	23				16		12		8						4						23			56	11	88	108		28		39	55	8		I-10	487	Cu.Yds.	Dumped Rock Channel Protection
I-8														1																												I-8	1	Each	Standard No. 2-3 Catch Basin
I-14									43							75									899	1072	115													18		I-14	2,222	Lin.Ft.	Standard Type 1 Paved Gutter
I-14																																		48		20						I-14	68	Lin.Ft.	Standard Type 1 Paved Gutter, Modified as per Plan
I-14					50	422	422	639	475		248	788		683		83	272	396				200	76									288			147	26	68	72				I-14	5,355	Lin.Ft.	Standard Type 1 Paved Gutter, Modified as per Plan (4' Bottom)
I-8							1																																			I-8	1	Each	Std. No. 5 Reinforced Concrete Catch Basin, as per plan.
S-1						7.7	6.6		6.6	3.3					3.3													3.30				15.10		43.0	11.97	44.0	34.0	23.94		1.31		S-1	204.1	Cu.Yds.	Concrete for Structures, Class "C"
S-1							0.3					0.82		6.3								0.26						0.30			20.39		65.64	1.4		0.78		2.62	27.36			S-1	126.2	Cu.Yds.	Concrete for Structures, Class "E"
S-4						286	292		292	146				224	146													146				688		3046	473	1954	1576	950				S-4	10,219	Lbs.	Reinforcing Steel
S-7																																						1005				S-7	1,005	Lbs.	Structural Steel
S-27																																								66		S-27	66	Lin.Ft.	24" Pipe for Roadway Culverts, Sec. M-6.4 (d)
S-27																																								94		S-27	94	Lin.Ft.	24" Pipe for Roadway Culverts, Sec. M-6.6 (b) or Sec. M-6.8 (b)
S-27																																56										S-27	56	Lin.Ft.	36" Pipe for Roadway Culverts, Sec. M-6.4 (d)
S-27																																540										S-27	540	Lin.Ft.	36" Pipe for Roadway Culverts, Sec. M-6.6(b) or Sec. M-6.8 (b)
S-27																																			470							S-27	470	Lin.Ft.	54" Pipe for Roadway Culverts, Sec. M-6.4(d) 8 Gage, Elongated as per plan
S-27																																					428	292				S-27	720	Lin.Ft.	54" Pipe for Roadway Culverts, Sec. M-6.4(d) 8 Gage, Strutted as per plan.
S-28																																				342						S-28	342	Lin.Ft.	60" Sectional Corrugated Metal Structure, Sec. M-6.4 (g) 10-10 Gage, as per plan
S-28																																		490								S-28	490	Lin.Ft.	72" Sectional Corrugated Metal Structure, Sec. M-6.4 (g) 10-8 Gage
S-28																															970											S-28	970	Lin.Ft.	126" Sectional Corrugated Metal Structure, Sec. M-6.4 (g) 1-1 Gage, as per plan
S-28																																							344			S-28	344	Lin.Ft.	144" Sectional Corrugated Metal Structure, Sec. M-6.4 (g) 1-1 Gage, as per plan

MICHAEL BAKER JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

STATE HIGHWAY NO. 1
C-43
GENERAL SUMMARY

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
	B.P.	A.L.H.	R.E.F.		