(9)

FINAL DRAINAGE SUMMARY

PREPARED BY R.W. Jensen PROJECT TROY
CHECKED BY _____ NO. RS 0311(1)

SHEET 4 of 4

STATION	STATION	Pos. Tow.	Comp. Number	Dr. Sh.		Pipe Dia.	Pipe Length			12" Elbow	Vault	Conc. Cl. B	Vault Steel	CRM	DI Grate Type	T.E.		T.R.	Common Exca.	Sel. Exca.	Grav. Back Fill	Unclass. Chan.	S.F. I		S.F. II		S.F. III		Erosion Matting	Marker Post		End Section	Grav. Berms		6" Drain	6" Under Drain Pipe	6" Rigid Plastic	4" Rigid Plastic	Maint. Traffic Bridge Hazard	Temp. Traffic Barrier		Grade Dirch Mat.	Elect. Conduit	3/4" Seamless Copper	
304+50	305+23	LT	DS70													32							30																							
305+35	85°1'	Rt.	DS71	8		36"	90'	RCCP	.079					49		74					17				36					1															
305+38	87°33'	Rt	DS72													0																														
306+50		Rt	DS73			15"	38'	CSP	.064							0																														
306+36	307+50	LT	DS74													29							139.7 ~~112~~																							
309+74	54°	Rt	DS75	8		18"	92'	RCCP	.064							38					12		41							2		1			62	10										
310+00	318+00	LT	DS76													583							583																							
313+92	88°57'	Rt	DS77	8												5																														
314+09	90°	Rt	DS78	8		24"	84'	RCCP	.064			2.1	198		A-1	82					13				3					2																
314+50	317+70	LT	DS79													86.4							86.4																							
318+00	318+37	Rt	DS80	1		30"	106'	RCCP	.079					3.5		98					9				21					2																
318+37		Rt	DS81													10																														
318+65	319+25	LT	DS82																										0	Ex 1-C Pg. 56																
319+25	319+75	LT	DS83													0													0																	
319+48	319+62	Rt	DS84	19												28																														
319+80	320+10	LT	DS85													0																						78								
319+94		LT	DS86			18"	58'	CSP	.064							16																0														
320+13	322+0	LT	DS87													169.4							74						0																	
321+77	82°00	LT	DS88			42"	84'	RCCP	.109					9.33		79									12					1																
324+70		LT	DS89			18	60'	CSP	.064							16																														
			DS300				VOID									0																														
111+91	112+50	LT	DS301	18			ELIMINATED									0																														
114+24	40+50-41+00	LT	DS350			18"	90'	CSP	.064							0							0									1														
114+44	113+20		DS375				ELIMINATED									0																														
Route 242	51+00-53+00	Rt	DS389													41.7	1.5						43.5																							
237+03	61°	Rt	DS118		VOID	See Dr 26 Pg. 152				Pd as Item 601.9001																											144								
HADDED PIPES																																														
252+11.5	71+20	LT	DS219													22.2																														
120+66	121+74	LT	DS210	29		18"	108'	RCP	CL III			5.2	462		A-1	38.5		24																			78						75		
121+76	122+42	LT	DS211	29		15"	66'	CSP	.064			2.6	231		A-1	33.3																														
122+44	123+44	LT	DS212	29		15"	100'	CSP	.064			3.0	270		A-1	25.4																														
32+50	Pleasant St.	LT	DS220									3.7	193		A-1	35.4									17																					
233+85		LT	DS210	19												23.4																						14								
232+75	Water Sleeve		DS218	19												24.9																										188			
295+75	Water Sleeve		DS213	19												12.8																						63					74		
319+59.9	Water Sleeve		DS214				VOID																															60								
128+10		Rt	DS309	26												22.3																														
111+78 R	111+98	LT	DS191	28		18"	60'	RCP	CL III			3.0	270		B-1	29.9																										52			
110+81	111+70	Rt	DS192	28		18	96'	RCP	CL III			2.3	200		B-1	75.1																														
110+80			DS193	28		18"	46'	RCP	CL III			2.6	231		B-1	22.6																														
110+20	110+80	Rt	DS194	28		24"	67'	RCP	CL III			2.3	200		B-1	98.7																														
107+72	110+20	Rt	DS195	28		24"	248'	RCP	CL III			5.7	479		B-1	307.8																														
110+20	110+78	LT	DS196	28		15"	58'	CSP	.064			2.3	200		B-1	34.4																														
111+99	112+39	LT	DS197	28		15"	40'	CSP	.064			1.7	158		B-1	13.9		5.6																												
20+21	20+61	Rt	DS198	32		12	40'	CSP	.064							16.5																														
197+04	198+50	Rt	DS199	32		18"	90'	RCCP	.064			2.6	231		B-1	18		21												2																
296+75		LT	DS215	33		15"	115'	CSP	.064			4.4	410		B-1	66.3																														
Rt 242	50+40-51+0	Rt	DS221	31		12"	60'	CSP	.064			1.9	158		B-1	31.7														1																
242	51+0-51+80	Rt	DS222	33		12"	80'	CSP	.064			3.2	278		B-1	46.6					7									1			145													
Rt 1206	R-2 3+0	LT	DS223	33		12"	76'	CSP	.064			1.7	150		B-1	31.6																														
136+15		LT	DS311													65																														
221+0		LT	DS312			18"	32'	RCP	CL III							0																										20			
152+75	V-Ditch out Rp	Rt.	DS401																				3.7																							
123+25	Added Ditch	Rt	DS402																				38																							
Added Ditch Between Pipes			DS403																				4.4																							
Slope Drainage			DS404																				3.1																							
291+80	Slope Drainage	LT	DS405																				2.2																							
	SHEET 1																																													
	2																																													
	3																																													
	4																																													
										12" Elbow	Precast Ck "B"	Conc. Cl. B	Vault Steel	CRM	Grate	T.E.		T.R.	Common Exca.	Sel. Exca.	Grav. Back Fill	Unclass. Chan.	S.F. I T-1		S.F. II T-2		S.F. III T-3		Erosion Matting	Marker Post		End Section	Grav. Berms		6" Under Drain	6" Carrier Pipe	6" Rigid Plastic	4" Rigid Plastic	Maint. Traffic Bridge	Temp. Barrier		Grade Ditch Mat.	Elect. Conduit	3/4" Seam. Anti-Corrosive Water Tube	
Project Totals										6	51	1689	13519	68.83	A-26 B-28	1790.6		72.7	1302	83.0	439.0	5620	2603		653.0		148.0		0	89		19	769		401	10	144	293	1	145		0	260	149	
						15" CSP	256'	.064																																						
						18" CSP	208'	.064																																						
						18" RCP	310'	CL III																																						
						24" RCP	54'	.064																																						
						24" RCP	248'	CL III																																						
						30" RCCP	106'	.079																																						
						42" RCCP	84'	.109																																						

Book 2F

Book 2J Added Pipes