FINAL DRAINAGE SUMMARY

PREPARED BY C.E. LOHR 2-10-94 PROJECT EAST MONTPELIER
CHECKED BY _____ NO. RS EGC-RS 0246(7)

STATION	STATION	Dwg-Other Ref	BR.	PR.	SKEW		601.0010 CSP 15"	601.0015 CSP 18"	601.0015 PCCSP 18"	601.0025 PCCSP 24"	601.0026 PCCSP 30"	601.0046 PCCSP 36"	601.0047 PCCSP 48"	601.0015 END SECTIONS 18"	601.0025 END SECTIONS 24"	601.0026 END SECTIONS 30"	601.0046 END SECTIONS 36"	SIZE DI	DEPTH DI	504.22 CY. CONC.	507.5 REINF STEEL	604.46 GRATE TYPE B	605.15 CRM	204.20 TRENCH EXCAV.	204.21 TRENCH ROCK	203.80 UNCL. DIVERSION	203.15 COM. EXCAV.	618.10 SURFACE FILL TYPE I	618.11 SURFACE FILL TYPE II	619.5 MARKER POSTS LT	619.5 MARKER POSTS RT	651.10 EROS. MAT.	203.31 SAND BORROW	204.30 BORROW BACKFILL FOR STRUCT.	626.10 6" SLEEVE	626.20 3/4" UNDERDRAIN PIPE
							(064)	(064)	(064)	(064)	1.28 BZ	1.28 BZ																							
CARRIED FORWARD							83'	199'	80'	312	40'	114'	100'	3'	2'	1'	1'			94.1'	75.1'	3'	1.7'	807.5	0	165'	773'	1031.6	37.1	3	5	373'	232.5	20.3	272'	296
150+23	150+77 RT	DS205	2	114'				0'						0'	This culvert not installed. Ditch was constructed to drain water																				
146+67	147+57 LT	DS202	1A	160																											40'				
150+50	154+70 LT	DS203	2	116						ERODION MATTING WAS NOT PLACED IN THIS AREA																					0'				
150+82	153+40 RT	DS215	2	118																											48.9'				
155+51	156+48 RT	DS216	1A	161																											39.6				
156+45	℄	DS220	2	120	90°			3'	82'									4x4'	4.0'	2.1'	19.3'	1'		30.3'				0'		1'	1'		10.7'			
156+87	158+03 RT	DS221	1A	161																											49.3				
159+10	172+50 RT	DS223	2	124																							420'	413.3							
"	172+24 RT																										124'	124.7							
160+88	164+50 LT	DS230	2	128																															
160+39	164+92 LT																											6.4'		1'	1'		30.2'			
165+0	℄	DS238	2	132	47°30' LT			3'	110'									4x4'	4.75'	3.45'	21.6'	1'		59.9'												
164+50	℄																										102'	102.2'							
168+30	171+30 LT	DS240	2	138																															
168+28	171+79 LT																																		
173+25	173+75 RT	DS245	2	140					INCLUDED IN EARTHWORKS																										
174+25	174+75 LT	DS250	2	142																							4'	4.4'							
175+26	175+46 LT																										77'	76.8							
174+50	175+0 RT	DS255	2	144																															
173+00	176+12 RT																											7.9'		1'	1'		24.4'			
175+92	℄	DS260	2	146	54° RT			3'	112'						1'									30.5'												
175+80	℄																																		
177+50	LT	DS265	2	150			50'																												
177+82	178+60 LT	DS270	2	158																							107'	107.0							
"	Rev. 181+26 LT																																		
177+92	178+70 RT	DS275	2	154																							79'	102.5							
177+83-Rev. 181+45 RT																																			
179+35.12 = 178+64.25																																			
DBL EQUATION (RT)																																			
SEE 183+46.87 = 180+46.84																																			
178+70	LT	DS280	2	156			32																												
Rev. 181+40 LT																																			
179+0	RT	DS285	2	158				72'							1'																				
Rev. 181+70 RT																											47'	46.8'							
178+90	179+80 LT	DS290	2A	6'																															
Rev. 181+55-182+98 LT																																			
179+50	RT	DS295	2A	8'					REMOVED AS PART OF COMMON EXCAVATION																										
179+99	180+60 RT	DS300	2A	10'																							92'	91.9'							
Rev. 182+80-182+58 RT																																			
— Equation																																			
Rev. EQ JUNCTION																																			
183+16.87 = 180+46.84																																			
181+25	182+25 LT	DS305	2A	12'																					192'			50.1							
Rev. "	-182+15 LT																																		
181+50	182+46 RT	DS310	2A	18'					INCLUDED IN EARTHWORKS																										
183+50	183+60 LT	DS315	2A	20'																							35'	34.7							
Rev. 182+33-183+46 LT																								65'								47.9'			
182+36	℄	DS320	2A	22'	61°20' RT			4'		90'						1'																			
Rev. 182+81	℄																							238.2'								24.8'			
Rev. 182+81	℄	DS325	2A	25'	61°20' RT			4'			92'					1'										40'		39.6							
182+55-183+67 RT		DS325	2A	28'																															
Rev. 182+50-183+58 RT																										116'									
182+64	183+67 RT	DS335	2A	30'																															
Rev. 182+50-183+58 RT																														1'		16.7'			
183+45	℄	DS375	2A	38'				5'	88'											1.9'	15.8'	1'		32.9'											
MAINLINE TOTALS							170'	271'	250'	534'	130'	206'	100'	4'	3'	2'	2'			15.86'	18.18'	6'	1.7'	1266.3	0'	156'	1862'	2248.2'	37.1'	6'	9'	550.8	695.1'	20.3'	272'	296'
TH#54																																			
10+30	℄	DS330	2A	42'																				31.1'											
10+40	10+92 RT	DS340	2A	44'																				8.9'				8.9'				0'		0'	
Rev. 10+45-10+85 RT																														1'	1'		30.9'		
10+75.5	℄	DS345	2A	48'	72°15' RT			7'		90'						1'								12.8'											
Rev. 10+52	℄																										21.7'	43.8							
11+50	12+50 RT	DS350	2A	52'																															
12+50	℄	DS355	2A	54'				44'	7'									4x4'	3.75'	2.06'	17.6'	1'		28.4'				1.2'		1'	1'		5.6			
TH#54	TOTALS							44'		90'										2.06'	17.6'	1'		81.2'			21.7'	53.4'		2'	2'		36.5'	0'		
COLUMN	TOTALS						170'	315'	250'	534'	220'	206'	100'	4'	3'	3'	2'			17.92'	19.94'	7'	1.7'	1347.5	0'	156'	1883.7	2296'	37.1'	8'	11'	550.8	693.2'	20.3'	272'	296'