ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN	DITCH IN	DITCH OUT	PIPE ARCH S IN	PIPE ARCH R IN	PIPE ARCH L FT	PIPE D IN	PIPE L FT	ALLOWABLE OPTIONS PCCSP TH	CAAP TH	RCP CL	CSP TH	PCCSP PL TH	PIPE ELBOW NO-DIA	ES EA	CB	PRCCD	DEPTH DI	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV EA	CRM CY	TR EXCAV EARTH CY	TR EXCAV ROCK CY	COMM EXC CY	UNC CHAN EXC CY	STRUC EXCAV CY	GRAN BKF STRUC CY	GRAN BORR CY	EROS MATT SY	STONE FILL CY	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	RIGID PLASTIC PIPE D IN	RIGID PLASTIC PIPE LF	REMOV OF STRUC EA	REMARKS
112+50	113+58	LT		RCDI						18	108			III							5.5	2.8	239	A			88															
112+73																											16	5													REMOVE EXISTING 15"CMP & C. B.
113+58		CL																									3	3													REMOVE EXIST 18" CMP & C.B.
113+58	114+54	LT								18	96			III							6.0	3.0	270	A			78														CONN. CELLAR DRAIN TO D.I.
113+92	115+00	RT		RCDI						18	104			III							3.5	1.9	158	A			79														
114+30		RT																									33														REMOVE EXIST 18'' CMP
114+54	115+66	LT		RCDI						18	112			III							6.0	3.0	270	A			95														CONN. CELLAR DRAIN TO D.I.
114+58																											6	4													REMOVE EXIST 18'' ACCGMP & C.B.
115+00	116+50	RT		RCDI						18	148			III							5.5	2.8	239	A			156														
115+66	116+50	LT		RCDI						18	84			III							6.0	3.0	270	A			76														
115+77		RT																									27														REMOVE EXIST 15'' CMP
116+50		CL		RCDI						18	48			III							7.5	3.7	316	A			47														
116+50	116+85	RT		RCDI						18	40	.064	.060								6.5	3.2	278	A			32														
116+95	117+20	RT/LT		SH	X	X				48	76		.105			.109										9.7	137					17		33	II					CRADLE HEADWALL LT.
116+95	117+65	RT		RCDI		X				18	80	.064									4.5	2.3	200	A			58														
117+12		CL	86°-30'																								39														REMOVE EXIST 30" ACGMP
117+24	118+04	LT		RCDI						18	78		.060		.064						4.0	2.1	193	A			52														DRIVE CULVERT
117+41		RT																									21														REMOVE EXIST 24'' CMP
117+65	118+75	RT		RCDI						18	108			III							5.0	2.6	231	B			62														
118+43		RT		SH	X	X																					11														REMOVE EXIST 18'' CMP
118+75	119+75	RT																									19								30	I					SPECIAL DITCH
118+75	120+40	RT		RCDI						18	164			III							7.5	3.7	316	B			118														
120+40	120+65	RT/LT		RCDI						18	52			III							5.0	2.6	231	A			41														
120+40	122+60	RT																									59								65	I					SPECIAL DITCH
120+40	123+25	RT		RCDI						18	288			III							7.0	3.5	308	B			233														
120+53		LT																									1														REMOVE EXIST 12'' CMP
121+52		LT																									1														REMOVE EXIST 12'' CMP
122+26		LT																																							REMOVE EXIST 12'' CMP, COMM. EXC
123+14		LT																																							REMOVE EXIST 12'' CMP, COMM. EXC
123+25	125+90	RT																									62								79	I					SPECIAL DITCH
123+30	126+20	RT		RCDI						18	288			III							5.5	2.8	239	B			191														
124+64		LT																																							REMOVE EXIST 10'' CMP, COMM. EXC
126+20	126+50	RT/LT		RCDI						18	52			III							6.5	3.2	278	B			40										1				
126+20	127+60	RT																										42							42	I					SPECIAL DITCH
126+20	128+00	RT		RCDI						18	176			III							7.5	3.7	316	B			127														
126+50	128+00	LT																									56												4	150	CONNECT TO EXIST 4'' P.V.C.
126+50	131+00	LT																										133						133	I					SPECIAL DITCH
127+74	128+00	LT																									7														REMOVE EXIST 4'' P.V.C.
128+00	128+90	RT																										27						27	I					SPECIAL DITCH
128+00	129+32	RT		RCDI						18	132			III							4.5	2.3	200	B			90														
131+15		LT																									2														REMOVE EXIST 12'' C.M.P
133+30	133+69	LT		RCDI						18	140				.064						4.0	2.1	193	A			42														
										18	1960			III																												
TOTALS										18	80	.064									54.3	4745	12A		9.7	2205	12	202			17		376	I	1		4	150		
										18	78		.060		.064								7B										33	II						
										18	40	.064	.060																												
										18	140				.064																										
										48	76		.105			.109																									

STEEL BEAM GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT BCT	END TREATMENT 621.60
	REV				
144+25	150+25	600		2	
145+25	149+25		400	2	
REV.	REV.				
152+90	155+77.5		287.5	2	
205+25	213+50		825	2	
217+75	225+00		725	2	
236+88	238+00		114.5	1	1
272+25	281+25		900	2	
TOTALS		600	3252	13	1
		3852			

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	FB	MKR PST
REV	REV								
154+86	157+50	U	LT	6	265	137		1	1
REV	REV								
173+52	177+95	U	LT	6	450	148	133	1	1
178+00	182+50	U	LT	6	460	202	79	1	1
186+00	191+83	U	LT	6	590	354		2	1
191+83	192+50	C	LT/RT	6	100	21		1	1
196+00	196+78	C	RT/LT	6	120	68		1	2
196+78	198+50	U	LT	6	180	87	50	1	1
201+03	201+71	C	RT/LT	6	100	25	24	1	1
201+71	207+00	U	LT	6	540	210	120	2	1
213+50	218+00	U	LT	6	460	281		1	1
231+50	236+55	U	RT	6	510	288		2	1
231+50	237+00	U	LT	6	560	340		2	1
SUB-TOTALS		U			5160	2890	406	20	14
		C			440				

PROJECT NAME TROY
PROJECT NUMBER RS031I(I)

78E1420R1