ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	DITCH IN	DITCH OUT	OPTION D IN	OPTION L FT	PCCSP	CAAP	RCP	CSP	OPTION D IN	OPTION L FT	RC P CL	PCC MP TH	CAA CP TH	NO PIPE ELBOW EA	ELBOWS D IN	ELBOWS TOP DEG	ELBOWS BOT DEG	24" CPL.	ES EA	CB TYPE	DI TYPE	DEPTH DI	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV	CRM CY	TR EXCAV EARTH CY	TR EXCAV ROCK CY	CH EXCAV UNCL. CY	CH EXCAV ROCK CY	STRUC EXCAV CY	GRUB MAT'L. SY	STONE FILL CY	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	EROSION MATTING SY	REMARKS
Rev. 158+00	Rev. 172+50	RT																																				415	I				Stone Fill, Type I
Rev. 160+38	164+50	LT																																				122	I				Stone Fill, Type I
Rev. 165+00		℄					24	74	.064	.060	III	—												4'x4'	4.0'	21	193	B									28		I	I	I	
Rev. 168+30	171+30	LT																																				89	I				Stone Fill, Type I
Rev. 173+25	173+75	RT																																									Special Ditch (Item 203.15) Grade To Drain
Rev. 174+25	175+55	LT																																				28	I				Stone Fill, Type I
Rev. 174+50	175+00	RT																																				8	I				Stone Fill, Type I
Rev. 175+82		℄	54°-00 RT 56°-00' RT	ES/			24	112	.064	.060	III	—										1-24										4						I		I	I		Mainline Culvert
Rev. 177+50		LT					15	50			III	.064																															Drive Pipe
Rev. 177+80	Surv. 178+60	LT																																				104	I				Stone Fill, Type I
Rev. 177+90	Surv. 178+80	RT																																				107	I				Stone Fill, Type I
178+70		LT					15	32			III	.064																															Drive Pipe
179+00	181+70	RT		ES/			18	48	—	—	III	.064										1-18																					Drive Pipe
178+90	179+80	LT																																				27	I				Stone Fill Type I
179+50		RT																																									2' x 1.5' Wood Box- Remove (Common Excavation)
179+29	182+60	RT																																				98	I				Stone Fill, Type I
181+25	182+25	LT																																227				45	I				Grade Brook To Drain @ Inlet, & Stone Fill, Type I - Unclassified Channel Excavation
181+50	182+64	RT																																									Special Ditch (Item 203.15)
182+50	183+60	LT																																				33	I				Stone Fill, Type I
182+31		℄	61°-20 RT 61°-20 RT	ES			36	92	.079(PI)	.079												1-36										238.2			24							
182+36		℄	63°-00' RT	ES/			30	84	.079(PI)	.075		—										1-30										42						3	II	0 T	0 T		30" ACCGMP - Remove REPLACED NEW 30" PCCSP
182+55	183+67	RT																																40				42	I				Stone Fill, Type I
182+64	183+67	RT																																963									Unclassified Channel Excavation
131+71	133+33	LT					6" 3/4"	152 161																								58.5											6"x152' SLEEVE - 3/4"x161' PVC WATER PIPE
147+66	148+0	LT					15	40				.064																															
183+45		℄	20°-00 RT	RCD1			18	88	.064															4'x4'		1.9	158	B				32.9			16.7						1			
TH 54																																											
Surv. 10+30		℄																														27											24" ACCGMP - Remove
Rev. 10+40	10+82	RT																														8.9				37	12	I				37	Special Ditch (Item 203.15) W/ Stone Fill, Type I
Rev. 10+75.75		℄	72°-15 LT 74°-00' RT	ES/			30	72	.079(PI)	.075	—	—										1-30										16			30.9			3	II	I	I		24' COUPLING BANDS
Rev. 11+50	13+50	RT																																				45	I				Stone Fill, Type I
Rev. 13+50		℄	65°-00' LT				18	44	—	—	III	.064												4'x4'	3.5'	2.06	1.9	158	B			23						1.2	I	I	I		
TH 46																																											
Rev. 15+50	17+50	RT																																								89	Erosion Matting
Rev. 17+50	19+00	RT																																								67	Special Ditch W/ ~~Erosion Matting, Grade Ditch to Drain @ - 2.000%~~
US-2																																											
105+28		℄					36	62	.079(PI)	.075	III	—																			1.4	35	28		70		32	II				2'x2' Conc. Box Inlet - 30" ACCGMP Outlet - Remove
BRAZIER ROAD							18	40	.064																3.5	1.9	158	B				26.6			1.3								

COMPOSITE TOTALS					
15	124			III	.064
18	322	-	-	III	.064
18	82	.064	.060	III	-
24	638	.064	.060	III	-
30	196	.079(PI)	.075		-
36	172	.079(PI)	.075	III	-
48	100	.109	.105	III	-

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GUARD RAIL

STA.	STA.	LT.	RT.	MEDIAN	ANCHORS
TOTALS					

UNDERDRAIN

STA.	STA.	TYP.	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB		MKR PST
145+67	146+05	C	RT	6	46	5					1
149+50	154+00	U	RT	6	450	275			1		
154+00	155+50	C	RT	6	156	65					
164+16	164+23	C	RT	6	24	4					
169+47	171+25	U	R-L	6	187	45	18		1		1
171+25	171+63	C	LT	6	53	7					1
174+03	174+96	U	R-L	6	109		38		1		1
174+96	175+44	C	LT	6	60	13					1
177+03	181+75	U	LT	6	157	460	5		1		1
181+75	181+98	C	LT	6	38	8					1
182+28.5		U	L-R	6	86	36			1		1
182+10		C	LT	6	6						
182+34	183+42	U	LT	6	107	63			1		1
182+34		C	LT	6	6						
182+52	183+35	U	RT	6	89	56			1		1
183+35	183+47	C	RT	6	47	9					1
183+42		U	℄	6	84	8			1		1
183+42		C	℄	6	6						
118+62	118+77	U	R-L	6	44	6	8		1		1
118+62		C	RT	6	6						
163+00	163+30	U	R-L	6	45		16		1		1
163+00		C	RT	6	6						
TOTALS											

PROJECT NAME EAST MONTPELIER
PROJECT NUMBER RS 0246(1)

SHEET 8 OF 128 SHEETS

D-4 JAN 85

BRUNING 65083