ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	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	CPEP SL	PCCSP FL TH	PIPE ELBOW NO-DEG	ES EA	CB	PRCDI	DEPTH DI	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV	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	REMARKS
R 31+85	R 32+75	RT																										2											REMOVE EXISTING 3'X 90' CONCRETE GUTTER
R 32+76	R 32+97	RT																									5	2										REMOVE EXISTING 15'' CGMP DRIVE CULV. & 2 STONE HEADWALLS
R 32+82	R 32+90	RT~LT		4X4DI						18	30	.064	.060									8.0	3.8	296	1-E			12	3									
R 32+82		LT																							CI	•1•												RETAIN EX. DI & 6'' PLASTIC PIPE & 6'' CONC. BOX; ADJUST ELEV.
																																							OF DI• NEW CI COVER W/ FRAME•
R 32+82	R 33+46	RT		4X4DI						18	64	.064	.060									7.5	3.6	273	1-E			25										
R 33+23	R 34+09	RT																									5	1										REMOVE EXISTING 12'' DRIVE CULVERT RCP & 2 CRM HEADWALLS
R 33+46	R 35+00	RT		4X4DI						18	152	.064	.060									8.0	3.8	296	1-E			54										
R 33+46		CL		4X4DI						18	30	.064	.060									7.5	3.6	273	1-E			12										
R 34+10	R 35+45	RT																										3										REMOVE EXISTING 3'X 135' CONCRETE GUTTER
R 34+78		RT																																					6'' ORANGEBURG UNDERDRAIN DISPOSTION TO BE DETERMINED BY THE ENG.
R 34+83		LT																					0.5					3										REMOVE EXISTING DI, 2-4'' CONCRETE BOXES & 12'' CMP TO BE PLUGGED
																																							AND REMAIN IN PLACE
R 35+00	R 36+20	RT		4X4DI						18	120	.064	.060									8.0	3.8	296	1-E			43										
R 35+00		CL		4X4DI						18	30	.064	.060									8.0	3.8	296	1-E			14										
R 35+47	R 35+72	RT																									2										REMOVE EXISTING 15'' RCP DRIVE PIPE & 2-5'X 1' HEADWALLS. PIPE TO BE
																																							REMOVED UNDER COMMON EXCAVATION
R 36+20	R 37+50	RT		4X4DI						18	128	.064	.060									8.0	3.8	296	1-E			47										
R 36+20		CL		4X4DI						18	30	.064	.060									8.0	3.8	296	1-E			13										
R 36+62	R 36+83	RT																																				REMOVE EXISTING 12'' CGMP DRIVE PIPE , REMOVE UNDER COMMON EXCAVATION
R 37+50	R 38+90	LT		4X4DI						18	140	.064	.060									7.5	3.6	273	1-E			51										
R 37+50		CL		4X4DI						18	30	.064	.060									7.5	3.6	273	1-E			14										
R 37+60	R 37+89	RT																																				REMOVE EX. 12'' CGMP DRIVE PIPE , REMOVE UNDER COMMON EXCAV.
R 38+37	R 38+86	RT																																				REMOVE EX. 12'' CGMP DRIVE PIPE , REMOVE UNDER COMMON EXCAV.
R 38+90	R 40+50	LT		4X4DI						18	160	.064	.060									7.5	3.6	273	1-E			53										
R 38+90		CL		4X4DI						18	30	.064	.060									6.5	3.1	242	1-E			12										
R 40+50	R 40+67	LT~RT		4X4DI						18	34	.064	.060									6.5	3.1	242	1-E			15										
R 40+95		LT		4X6DI						24	4				.064							7.5	4.8	393				22	3									CONNECT 24'' CSP TO EXISTING 24'' CSP, REMOVE EXISTING RCDI
																																							@ 40-95 LT. (USE 1 PRECAST COVER)
SL25+24		LT																								1•												SEWER INLET, OUTLET 8'' VCP ADJUST ELEVATION OF MANHOLE•
SL25+70		LT								12	4				.064													1										CONNECT TO EXISTING 12'' CSP TO 4X6 RCDI @ ML 40+95 LT
ML40+95	SL25+59	LT																								1												EXIST DI AND 12'' CSP - RETAIN
R 40+95		CL																										35	5									REMOVE EXISTING RCDI, 24'' CMP & STONE HEADWALL
S25+33.5	S25+59	RT~LT																										11	2									REMOVE EXIST. 12'' CMP AND DROP INLET
SL25+57	SL25+59	RT~LT								12	24		.060		.064							3.5	1.6	143	1-E			8										
R=	REVISED																									2•												
TOTALS										12	28				.064								53.9	416	14-E	1		454	24									
										18	978	.064	.060												1-CI•														
										24	4				.064																								
TOTALS																																						

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT	
VERTICLE GRANITE CURB (RIGHT OF CL)					
48+48	49+52		108		
49+70	52+25		258		
52+44	53+89		150		
54+12	54+76		70		
54+98	57+93		304		
58+10	62+11		397		
62+31	63+31		104		
63+47	R63+66		24		
R63+86	R64+87		104		
R65+12	R66+51		138		
R66+80	R67+60		86		
SHEET 14					
TOTAL			1743		
SHEET 11					
TOTAL			2470		
SHEET 12					
TOTAL			2632		
SHEET 13					
TOTAL			2995		
GRAND TOTALS			9840		

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
67+46	67+54	C	RT	6	8	2				
67+50	68+50	U	RT	6	100	63			1	
68+50		C	CL	6	76	11			1	
SHEET 14 TOTALS		C		6	84	76				
		U		6	100				2	
SHEET 13 TOTALS		C		6	106	1607				
		U		6	1950		256		11	
SHEET 12 TOTALS		C		6	70	2207				
		U		6	2147		6		10	
SHEET 11 TOTALS		C		6	60	1525				
		U		6	2014				11	
SUBTOTALS		C		6	320	5415	262		34	
		U		6	6211					
ESTIMATED		C		6	100	3817	50		20	
		U		6	4989					
GRAND TOTALS		C		6	420					
		U		6	11200	9232	312		54	

• NON-GOV'T. PARTICIPATION

ARCHIVED ON CADD

PROJECT NAME MONTPELIER
PROJECT NUMBER MEGC M6400(7) 76B033DR4.PRF