ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE	DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRCDI	DEPTH DI	CONC CL B	REIN STEEL	DI GRATE	CHAN ELEV	CRM	TR EXCAV		COMM EXC	UNC CHAN EXC	STRUC EXCAV	GRAN BKF STRUC	GRAN BORR	EROS MATT	STONE FILL		MRKR POSTS		REMARKS
				IN/OUT	IN	OUT	S IN	R IN	L FT	D IN	L FT	PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	NO-DEG	EA				CY	LBS	TYPE		CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT	RT	
17+15		RT																				6.5	3.2	250	CI•	1•													ADJUST ELEV. OF RCDI, NEW CAST IRON COVER W/FRAME, EXISTING 4'' CIP
																																							AND 10'' YCP 2X2 DI
17+45.5		RT																										2												REMOVE EXISTING 1.5X1.5 DI
17+74	18+94	LT		CCB						48	120	.109	.105							1								164												CCB W/1-E GRATE
17+74		CL		4X4DI						18	28	.064	.060									6.5	3.2	250	1-E			15												
18+03		RT																							CI•	1•														ADJUST ELEV. OF RCDI, NEW CAST IRON COVER W/FRAME•
18+44	18+54	LT																										7	5											REMOVE EXISTING 12'' CMP & RCDI @ 18+54 LT
18+54	18+76	LT~RT																										11	4											REMOVE EXISTING 15'' CMP & RCDI @ 18+76 RT
18+76	19+09	RT																										14												REMOVE EXISTING 15'' CMP
18+94	20+50	LT		4X6DI						30	156	.079	.075									8.5	5.0	453	1-E			112												
18+94		CL		4X6DI						42	28	.109	.105									9.0	5.3	489	1-E			36												
SL 5+50	ML18+94	LT~RT		4X4DI						18	74	.064	.060									6.0	3.0	270	1-B			20												
SL 5+50	ML18+94	RT~RT		4X6DI						42	44				.109							6.0	3.9	324	2-B			33												CONNECT EXISTING 30'' CMP TO NEW 4'X6' DI @ 5+50 RT
19+09	SL 5+50	RT																										24	3											REMOVE 32' OF EXIST. 30'' CMP
19+09	19+60	RT																										27	4											REMOVE EXISTING 18'' CMP & RCDI
19+60	19+62	RT																										10												12'' FIBER PIPE. DISPOSTION TO BE DETERMINED BY THE ENGINEER
19+60	21+09	RT																										29												REMOVE EXISTING 18'' CMP
20+50	22+00	LT		4X6DI						30	148	.079	.075									8.5	5.3	453	1-E			109												
20+50		CL		4X4DI						18	28	.064	.060									7.0	3.3	265	1-E			16												
21+09	21+31	RT~LT																					0.5					11	4											REMOVE 2 DI'S & 18'' CMP. 8'' PIPE TO BE PLUGGED AND TO REMAIN IN PLACE
22+00	23+42	LT		4X6DI						30	140	.079	.075									8.0	4.9	429	1-E			102												
22+00		CL		4X4DI						18	28	.064	.060									7.0	3.3	265	1-E			15												
23+42	R 24+80	LT		4X6DI						30	136	.079	.075									8.0	5.2	444	1-E			94												
23+42		CL		4X4DI						18	28	.064	.060									6.5	3.1	242	1-E			15												
R 24+80	R 26+06	LT		4X4DI						24	126	.064	.060									8.5	4.0	304	1-E			62												
R 24+80		CL		4X4DI						18	28	.064	.060									7.0	3.3	265	1-E			15												
R 25+74	SL11+50	LT~LT																								1•														ADJUST ELEV. OF MANHOLE• RETAIN EXIST. 8'' ABS
R 25+75	R 26+01	LT																										1	2											REMOVE DI-SEE WATER AND SEWER PLANS FOR PIPE RELOCATION•
R=	REVISED																																							
TOTALS										18	214	.064	.060																											
										24	126	.064	.060												2-CI•															
										30	580	.079	.075							1		53.3	4453	3-B	3•		942	24											• NON-GOV'T. PARTICIPATION
										42	28	.109	.105											11-E															
										42	44				.109																									
										48	120	.109	.105																											
TOTALS																																							

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT
VERTICAL GRANITE CURB (LEFT OF CL)				
R 41+39	R 41+70	50		
R 41+82	R 45+49	367		
R 45+71	R 46+41	75		
R 46+66	47+31	65		
47+45	47+53	26		
47+78	47+89	25		
48+00	48+57	57		
48+79	49+21	42		
49+41	50+42	101		
50+64	51+03	39		
51+34	52+06	72		
52+31	53+05	74		
53+27	54+08	81		
54+20	54+31	24		
54+59	56+53	194		
56+70	57+00	36		
57+13	58+73	160		
58+90	61+92	315		
62+06	62+43	45		
62+55	64+17	168		
R 64+34	R 64+55	38		
R 64+85	R 66+29	160		
R 66+48	R 67+57	114		
(RIGHT OF CL)				
11+51	11+81		30	
11+97	12+21		24	
12+27	12+89		62	
13+11	13+47		36	
13+69	14+12		43	
14+34	15+43		109	
		2328	304	
SHEET TOTALS	12	2632		

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
R 30+65	R 31+15	U	LT	6	50	19			1	
R 31+50	R 31+52	C	RT	6	4	2				
R 31+52	R 37+50	U	RT	6	598	703			1	
R 33+46	R 34+00	U	LT	6	54	24			1	
R 36+20	R 36+70	U	LT	6	50	24			1	
R 37+50	R 37+60	C	RT	6	10	2				
R 37+60	R 40+90	U	RT	6	330	355			1	
R 38+90	R 39+50	U	LT	6	60	20			1	
R 41+84	R 41+94	C	LT	6	10	1				
R 41+84	R 41+95	C	RT	6	10	4				
R 41+94	R 42+44	U	LT	6	50	12			1	
R 41+95	46+95	U	RT	6	500	587			1	
R 43+50	R 43+66	C	RT	6	20	5				
45+00	45+50	U	LT	6	50	13			1	
46+83	47+00	C	RT	6	16	5				
47+00	51+05	U	RT	6	405	431	6		1	
R= REVISED TOTALS		C		6	70					
		U		6	2147	2207	6		10	

ARCHIVED ON CADD

PROJECT NAME MONTPELIER
PROJECT NUMBER MEGC M6400(7) 76B033DR2.PRF