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 PI 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 66+24	R 67+52	RT		4X4DI						18	128	.064	.060									7.0	3.3	265	1-E			50													
R 67+50	R 67+52	LT~RT		4X4DI						18	30	.064	.060									6.5	3.1	242	1-E			11													
R67+51.5		LT																											3											REMOVE EXISTING RCDI	
R 67+52	R 67+94	RT		4X4DI																		7.0	3.3	265	1-E			39	4											RELAY 40'	EXISTING 18'' RCP, CONNECT TO NEW RCDI @ 67+52 RT
SHEET	TOTALS									18	158	.064	.060										9.7	772	3-E			100	7												
SUB	TOTALS									6	4	PVC•																													
SHEET	11						66	51	46			.109	.105						3	1••			43.1	3480		2		1239	41			707				4	II				
										12	94		.060		.064			2-12							9-E	8•									61	IV				
										18	646	.064	.060												6-CI•															
										48	282	.109	.105												2-D															
SHEET	12									18	214	.064	.060						1				53.3	4453	3-B			942	24												
										24	126	.064	.060												11-E															
										30	580	.079	.075												2-CI	•3•														
										42	28	.109	.105																											
										42	44				.109																									
										48	120	.109	.105																											
SHEET	13									12	60		.060		.064								41.1	3191	11-E			471	6												
										18	120	.064	.060												2-CI	•2•														
										24	702	.064	.060																											
SHEET	14									12	28				.064																									
										18	978	.064	.060										53.9	4161	14-E	1		454	24												
										24	4				.064										1CI•	2•														
SHEET	15									6	60	SLEEVE FOR UTILITIES																												
										12	12				.064								50.6	3855	1-B			1017	36							43	I				
										18	644	.064	.060												14-E															
										24	578	.064	.060																											
										36	106		.075				.079		1																					
SHEET	16									18	1594	.064	.060										63.6	4991	19-E	9•		707	13												
SHEET	17									18	158	.064	.060										9.7	772	3-E			100	7												
GRAND	TOTALS						66	51	46			.109	.105					2-12	5	1••		315.3	24903	4-B	3		4930	151			707				43	I			CI= CAST IRON COVER	
										12	154		.060		.064							••••••			24•									4	II				
										12	40				.064									81-E	•••••••									61	IV				
																								11-CI•																
										18	4354	.064	.060											2-D																
										24	4				.064							••••••:																		
										24	1406	.064	.060									40 CAST IRON GRATES W/ FRAMES, TYPE E, 160 CY OF CONCRETE																		
										30	580	.079	.075									CL. B AND 12,500 LBS. OF REINFORCING STEEL WILL BE TRANSFERED																		
										36	106		.075				.079					TO THE QUANTITY SHEET. THIS REPRESENTS APPROXIMATELY ONE-HALF																		
										42	44				.109							OF THE ITEMS REQUIRED TO CONSTRUCT THE DROP INLETS. THE REMAINING																		
										42	28	.109	.105									ONE-HALF WILL BE PAID AS PRECAST REINFORCED CONCRETE PIPE DROP																		
								48	402	.109	.105											INLETS. FORTY-TWO OF THESE HAVE BEEN ESTIMATED FOR THE																		
										6	60	SLEEVE FOR UTILITIES										PROJECT. THE ACTUAL DROP INLET TYPE TO BE USED IS UP TO THE																RIGID PLASTIC	
										6	4	PVC•										DISCRETION OF THE ENGINEER ON A SITE BY SITE BASIS. SEE SHEET																		
																						144 FOR DETAILS ON THE PRECAST REINFORCED CONCRETE PIPE DROP																		
																						INLETS.																		
																																						• NON-GOV'T. PARTICIPATION		
																																						•• PRC PIPE DROP INLET		
TOTALS																																									

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT	
TOTALS					

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB		MKR PST
TOTALS											

ARCHIVED ON CADD

PROJECT NAME MONTPELIER
PROJECT NUMBER MEGC M6400(7) 76B033DR7.PRF