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	E S	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	R	L	D	L	PCCSP	CAAP	RCP	CSP	CPEP	PCCSP PI	NO-DEG	EA			CY	LBS	TYPE		CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT	RT	
							IN	IN	FT	IN	FT	TH	TH	CL	TH	SL	TH																							
R 40+95	R 41+45	LT~RT		CCB						36	106		.075				.079			1							153								40	I			NEW CONC. C.B. W/REINF. CONC. WING WALLS; STONE FILL, TYPE I @ INLET
R 40+95	R 41+84	LT		4X4DI						24	94	.064	.060									7.5	3.6	273	1-E			76												
R 40+95	R 43+88	RT																										124	6											REMOVE EXISTING 2X2 DI & 15'' X 290' CMP.(POSITION AND LENGTH OF PIPE
																																							ARE DEDUCED FROM PLANS & MAY REQUIRE ADJUSTMENT)
R 41+84	R 43+50	LT		4X4DI						24	166	.064	.060									7.5	3.6	273	1-E			60												
R 41+84		CL		4X4DI						18	30	.064	.060									6.5	3.1	242	1-E			13												
R 43+50	R 45+00	LT		4X4DI						24	148	.064	.060									7.5	3.6	273	1-E			58												
R 43+50		CL		4X4DI						18	30	.064	.060									5.5	2.7	311	1-E			26												
43+50	43+90	RT		4X4DI						18	28	.064	.060									6.5	3.1	242	1-E			13												
R 43+90	43+97	RT		HDWL.	X					12	12				.064								1.0	8				10								3	I			CONSTRUCT INLET DITCH W/STONE FILL, TYPE I
R 43+88	R 45+82	RT																										28	5											REMOVE 2X2 DI & EXISTING 15'' X 188' CMP
R 44+10		LT																										4	3											REMOVE EXISTING 2X2 DI & 12'' X 32' CMP
R 45+00	R 46+70	LT		4X4DI						24	170	.064	.060									7.5	3.6	273	1-E			82												
R 45+00		CL		4X4DI						18	30	.064	.060									6.5	3.1	242	1-E			12												
R 45+82	47+79	RT																										45	4											REMOVE EXISTING DI & 12'' CMP
R 46+00		CL								6	60	SLEEVE FOR UTILITIES																23												NEW 6'' PVC SLEEVE FOR UTILITIES
R 46+70	46+83	LT~RT		4X4DI						18	34	.064	.060									6.5	3.1	242	1-E			13												
R 46+70	48+05	LT		4X4DI						18	136	.064	.060									7.5	3.6	273	1-E			51												
46+86		LT																										10	2											REMOVE EXISTING DI & 12'' CMP
47+80	50+95	RT																										69	9											REMOVE EXISTING 2X2 DI,15'' X 315' CMP & 12'' ABS @ INLET
48+05		CL		4X4DI						18	30	.064	.060									6.5	3.1	242	1-E			13												
48+05	48+45	RT		4X4DI						18	42	.064	.060									4.0	2.0	173	1-B			20												
48+45	49+45	RT		4X4DI						18	98	.064	.060									8.0	3.8	296	1-E			39												
49+45	51+00	RT		4X4DI						18	156	.064	.060									8.0	3.8	296	1-E			53	4											
49+45		CL		4X4DI						18	30	.064	.060									8.0	3.8	296	1-E			14												
49+48.5		LT																										8	3											REMOVE EXISTING 2X2 DI & 12'' CMP
R=	REVISED																																							
TOTALS										6	60	SLEEVE FOR UTILITIES																												
										12	12				.064					1		50.6	3855	14-E			1017	36							43	I			• NON-GOV'T. PARTICIPATION
										18	644	.064	.060											1-B														
										24	578	.064	.060																											
										36	106		.075				.079																						
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) 76B033DR5.PRF