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)	PCCSP (TH)	CAAP (TH)	RCP (CL)	CSP (TH)	CPEP (SL)	PCCSP PI (TH)	PIPE ELBOW (NO-DEG)	E S (EA)	CB	P R C C D I	DEPTH DI	CONC CL B (CY)	REIN STEEL (LBS)	DI GRATE (TYPE)	CHAN ELEV (EA)	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		EARTH BORR	REMARKS
23+97		LT		DI						12	16			III	.064	X					1							2										1				
25+00	30+90	RT																										144								178	I					CONSTRUCT SPECIAL DITCH
25+00		CL								30	12				.079												3.5	3	3.5										1			EXISTING 30" ACCGMP-RETAIN, EXISTING HW @ 25+00 RT-REMOVE
																																										EXTEND 30"X12' CSP AND NEW HW @ OUTLET
25+50		RT		HW																						1	1.8	2	1										1			EXISTING 18'' ACCGMP - RETAIN, INLET DI - REHAB, OUTLET
																																										HW - REMOVE CONSTRUCT STRAIGHT HW
27+31		CL																					0.5						1.8													EXISTING 18" ACCGMP-ABANDON AND PLUG PIPE W/CONCRETE,
																																										EXISTING HW-REMOVE
30+91	32+21	RT																																								EXISTING 18" RCP-RETAIN
32+21	32+90	RT																																					1			EXISTING 18" RCP-RETAIN
33+00		CL																																								EXISTING 42" RCP-RETAIN
33+01	34+93	LT																																								EXISTING 42" RCP-RETAIN
34+93		CL																								1																EXISTING 18" RCP-RETAIN
34+93		LT																								1																EXISTING 18" RCP-RETAIN
34+93		LT		DI						18	6			III	.064	X						4.5	2.3	200	1-A			10.2										1				
34+93		RT																																					1			EXISTING 18" RCP - RETAIN
34+93	36+67	LT																					.4	38																		EXISTING 42" RCP-RETAIN NEW 4' X 4' X 8'' CONC. TOP
36+67		CL																								1																EXISTING 18" RCP-RETAIN
36+67		LT																								1																EXISTING 18" RCP-RETAIN
36+67		RT																																					1			EXISTING 18" RCP-RETAIN
36+67	38+93	LT																								1												1				EXISTING 42" RCP-RETAIN
38+93		CL																								1																EXISTING 18" RCP-RETAIN
38+93		LT																								1																EXISTING 54" RCP-RETAIN
38+93		RT																																					1			EXISTING 18" RCP-RETAIN
38+93	40+89	LT/RT																																					1			EXISTING 42" RCP-RETAIN
40+89		RT																								1																EXISTING 18" RCP-RETAIN
40+89		RT																																					1			EXISTING 18" RCP-RETAIN
40+89	42+08	RT/LT																								1																EXISTING 18" RCP-RETAIN
40+89	43+69	RT																																					1			EXISTING 36" RCP-RETAIN
42+08		LT																																				1				EXISTING 18" RCP-RETAIN
43+56	43+63	LT/RT																								1																EXISTING 18" RCP-RETAIN
43+63	43+66	RT																								1																EXISTING 18" RCP-RETAIN
43+65	43+69	RT																																					1			EXISTING 18" RCP-RETAIN
47+07	47+10	RT/LT																								1																EXISTING 18" RCP-RETAIN
47+07	47+12	RT																																					1			EXISTING 18" RCP-RETAIN
47+10	47+12	LT/RT																								1												1				EXISTING 18" RCP-RETAIN.
RAMP"0"	32+23	CL																								1																EXISTING 18" ACCGMP-RETAIN
RAMP"0"	32+23	RT																								1																EXISTING 18" ACCGMP-RETAIN
SL	33+31	LT																								1																EXISTING 18" ACCGMP-RETAIN
SL	33+42	CL																																								EXISTING 30" ACCGMP-RETAIN
					GRAND TOTAL					12	16			III	.064	X																										
										18	116			III	.064	X																										
										18	114	.064	.060	III		X																										
										18	8				.064																											
										24	10			III																												
TOTALS										24	361			III	.064	X																										
										30	12				.079						1		51.6	4418	13-A	23	26.8		31.1							481	I	32			16	
										60	12				.138										5-D			966								20	II					

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT MELT	END TREATMENT ANCHOR
REMOVAL	AND DISPOSAL	OF GUARD RAIL			
3+40	3+65	25			
5+48	6+50		102		
6+37	6+50	13			
6+53	8+20	174			
6+50	7+13	-	63		
6+50	8+09	159			
12+17	12+50		33		
12+50	18+50		579		
18+50	25+00		61		
RAMP"M"	SL 0+07				
RAMP"M"	SL 3+44		344		
25+00	25+96		96		
28+20	30+50	230			
30+50	32+66	217			
RAMP"0"					
31+50	36+64		532		
TOTALS:		3250			
TOTALS					

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	GEO UND LIN	MKR PST
4+50	5+50	U	LT	6	100	30				131	1
4+50		C	LT	6	4				1		
5+50	5+95	U	LT	6	46	11				59	1
5+50		C	LT	6	4				1		
7+00	9+75	U	LT	6	276	98				555	1
7+00		C	LT	6	6				1		
26+50	30+90	U	RT	6	440	178				626	1
26+50		C	RT	6	8				1		
29+50	33+01	U	LT	8	354	143				641	1
29+50		C	LT	8	4				1		
ESTIMATED		U		6	138	40				138	1
		C		6	14				1		1
		U		8	354	143			1	641	1
		C		8	4						
TOTALS		U		6	1000	357			5	1509	6
		C		6	40						

PROJECT NAME MONTPELIER
PROJECT NUMBER FEGC-F 028-2(8)

DB018D2
SHEET 11 OF 118 SHEETS

: Sheet Number: 11