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 CSP TH	CAAP TH	PCCSP CL	RCP TH	CPEP SL	PIPE ELBOW NO.	PIPE ELBOW DEG	ES EA	CB EA	PRCC DI EA	DEPTH DI FT	CONC. CLASS B CY	REINF. STEEL LBS	DI GRATE TYPE	CHANGE ELEV	TR EXCAV EARTH CY	TR EXCAV ROCK CY	COMM EXCAV CY	UNC EXCAV CY	STRUC EXCAV CY	GRAN BKF STRUC CY	GRAN BORR CY	STONE FILL CY	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	REMARKS
48+04		℄	87°28'LT	ES		X				30	92		.075	.079	III	X			1								81									1	1	EXIST. 18" ACCGMP – REMOVE
51+71		℄		ES						18	76		.060	.064	III	X			1								20							1	I	1	1	EXIST. 15" RCP – REMOVE
52+30		LT		ES						15	62	.064				X			1																			DRIVE CULVERT
53+23		LT		ES						15	56	.064				X			1																			DRIVE CULVERT
54+29		LT		ES						15	44	.064				X			1																			DRIVE CULVERT
56+73		LT		ES						15	64	.064				X			1																			DRIVE CULVERT
59+07		℄	73°00'LT	ES						36	92				III	X			1								70							9	II			EXIST. 24" RCP – REMOVE (STA. 59+25)
60+60		LT		ES						18	76	.064				X			1																			DRIVE CULVERT
62+97		LT		ES						15	56	.064				X			1																			DRIVE CULVERT
67+48		℄	85°11'RT	RCDI						18	80		.060	.064	III	X						4.0	2.9	246	2/A		53							2	II	1	1	EXIST. 15" ACCGMP. – REMOVE
70+05		℄																									3											EXIST. 15" RCP – REMOVE
70+78		℄	89°19'LT	ES		X				30	84		.060	.064	III	X			1								42							4	II	1	1	EXIST. 18" RCP – REMOVE
72+98		℄																									3											EXIST. 18" RCP – REMOVE
75+16		℄	81°13'LT	RCDI						24	88		.060	.064	III	X						4.5	3.1	246	2/A		67							1	I	1	1	EXIST. 18" RCP – REMOVE
81+11		℄	72°42'RT	ES						36	116		.075	.079					1								48							5	II	1	1	EXIST. 24" RCP – REMOVE
83+57		℄	79°49'LT	RCDI						18	116		.060	.064								6.0	2.5	231	A		27							1	II	1	1	EXIST. 15" RCP – REMOVE
83+62	85+00	LT	84°35'RT																								18	6										EXIST. 12" RCP W/(2) CB'S – REMOVE
83+64	84+96	LT		RCDI						15	124	.064				X						4.0	2.1	193	A		82											
90+04		℄	86°00'LT	RCDI						18	68		.060	.064		X						7.0	4.7	402	2/B		29	32						3	II	1	1	EXIST. 15" RCP – REMOVE
93+12		℄	82°28'LT	ES						30	82		.075	.079					1								65							3	II			EXIST. 30" RCP – REMOVE
93+45	96+05	RT																									20											EXIST. 12" CMP – REMOVE
100+61		℄	71°41'LT	ES	X					36	112		.075	.079					1								40							4	II	1	1	EXIST. 24" RCP – REMOVE
103+80		℄	89°20'RT	RCDI						30	112		.060	.064	III	X						6.5	4.2	348	2/A		59	7						5	II	1	1	EXIST. 24" RCP W/DI – REMOVE
107+29		LT		ES						15	56	.064				X			1																			DRIVE CULVERT
108+83		LT		ES						15	56	.064				X			1																			DRIVE CULVERT
112+23		LT																									7	13										EXIST. 24" ACCGMP W/(2) CB'S – REMOVE
113+93		LT																																				EXIST. STONE BOX CULVERT – REMOVE
114+00		℄	70°0' LT.	HW HW			14'-10"	9'-1"	110'-0"																													CGMPPA (SEE PI SHEETS BR-100)
117+67	117+88	LT																									5											EXIST. 15" CGMP – REMOVE
117+73		LT		ES						15	48	.064				X			1																			DRIVE CULVERT
119+18		℄																									3											EXIST. 15" RCP – REMOVE
122+26		RT		ES						15	52	.064				X			1																			DRIVE CULVERT
125+84		℄	70°33'RT	ES						30	228		.075	.079					1								194	6						5	II	1	1	EXIST. (1-24" RCP & 1-24" ACCGMP W/DI & HW) – REMOVE
127+00		LT																									2											EXIST. 15" CGMP – REMOVE
127+04		LT		ES						15	84	.064				X			1																			DRIVE CULVERT
131+52		℄		RCDI						18	92		.060	.064	III	X						5.0	2.5	231	A		44							1	I	1	1	EXIST. 18" RCP – REMOVE
134+27		LT																									6											EXIST. 15" RCP AND D.I. – REMOVE
134+50		RT		PRCCDI						12	36	.064					2	15			1						13							1	I		1	SEE STD. DWG. D-16
136+32		LT																																				EXIST. 12" RCP AND D.I. – RETAIN
136+45		LT																																				EXIST. 15" RCP AND DI – REMOVE
136+65		℄	80°42'LT	ES						24	196		.075	.079					1								74							2	II	1	1	
138+00		RT		PRCCDI						12	76	.064					2	15			1						23							1	I		1	SEE STD. DWG. D-16
138+66		LT																																				EXIST. 15" RCP – INCL. IN REM. EXIST. RDWY.
142+56		LT																																				EXIST. 18" ACCGMP – INCL. IN REM. EXIST. RDWY.
146+00		LT		ES						24	40	.064				X			2																			DRIVE CULVERT
146+00		160' LT								12	24	.064				X																						V.A.S.T. TRAIL CULVERT
148+58		LT																																				EXIST. 18" ACCGMP – INCL. IN REM. EXIST. RDWY.
SUB-TOTALS																	4	15	22		2		22.0	1897	9-A / 2-B		1098	64						5 / 43	I / II	13	15	

PROJECT NAME U.S. ROUTE 2, MARSHFIELD
PROJECT NUMBER FEGC – F028 – 3(28)

SHEET 16 OF SHEETS

ENTRY LAST BY: SB 5-5-03 @ 10:10 AM

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