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	PCCSP FI TH	PIPE ELBOW NO-DEG	ES EA	CB	PRCCDI	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
TH #5	- SCOTT HILL ROAD																																						
75+50	76+98	RT/RT																												43					44	I			SPECIAL DITCH W/ STONE FILL, TYPE I
76+90	77+14	RT/RT																									4												EXISTING 15'' ACCGMP - REMOVE
77+08		RT			X	X	28	20	36						.064																								DRIVE PIPE
77+21	77+35	RT/RT																												2					4	I			SPECIAL DITCH W/ STONE FILL, TYPE I
77+48		RT																																				EXISTING 18'' CMP -REMOVE
77+48		RT			X	X	28	20	40						.064																								DRIVE PIPE
	REVISED																																						
77+66	79+46	RT/RT																												52					54	I			SPECIAL DITCH W/ STONE FILL, TYPE I
	REVISED																																						
78+00	80+00	LT/LT																																180					SPECIAL DITCH W/ EROSION MATTING
REVISED	STATION$																																						
79+59		RT			X	X				24	42				.064	X																								DRIVE PIPE
79+77	80+36	RT/RT																												16					17	I			SPECIAL DITCH W/ STONE FILL, TYPE I
SURV.	80+45	CL																																					EXISTING 24'' CGMP - REMOVE
80+45		CL		HW/	X	X				36	80		.075			X	.079					4.9	17				200	3					15		55	II			FULL BEVELED STRAIGHT HEADWALL
80+54	84+64	RT/RT																												121					122	I			SPECIAL DITCH W/ STONE FILL, TYPE I
83+00	83+75	LT/LT																												21					21	I			SPECIAL DITCH W/ STONE FILL, TYPE I
84+83		RT			X	X				18	44				.064	X																								DRIVE PIPE
86+50	89+75	LT/LT																												87					87	I			SPECIAL DITCH W/ STONE FILL, TYPE I
86+50	89+87	RT/RT																												70					75	I			SPECIAL DITCH W/ STONE FILL, TYPE I
90+00		RT			X	X				18	42				.064	X																								DRIVE PIPE
90+18	90+71	RT/RT																												15					15	I			SPECIAL DITCH W/ STONE FILL, TYPE I
90+75		CL		ES/	X	X				18	56	.064	.060			X			1								50						8		7	I	1	1	
95+58		CL	81°00'RT	HW/	X	X				42	78	.109	.105									6.4	21				42						15		24	II			FULL BEVELED STRAIGHT HEADWALL
SURV.	95+62	CL																									10											EXISTING 18'' CGMP - REMOVE
97+25	98+46	RT/RT																												23					36	I			SPECIAL DITCH W/ STONE FILL, TYPE I
98+50		CL		ES/	X	X				24	70	.064	.060			X			1								76						11		5	I	1		5 CY STONE FILL, TYPE I AT INLET
	TH #4																																		2	II		1	2 CY STONE FILL, TYPE II AT OUTLET
98+54	16+00	RT/LT																																250					SPECIAL DITCH W/ EROSION MATTING
99+05	99+76	LT/LT																									23											EXISTING 15'' ACCGMP - REMOVE
TH #4	- DODGE ROAD / AIRPORT ROAD																																						
14+50	15+48	LT/LT																																180					SPECIAL DITCH W/ EROSION MATTING
15+64		CL	65°00'RT																																		1	1	EXISTING 18'' CGMP - RETAIN. & REMOVE 14' (INLET)
21+47		CL																																					EXISTING 24''ACCGMP - REMOVE
21+47		CL		HW/	X	X	57	38	74				.135				.109					9.7	79						183	52	191	29	125		38	II			FULL BEVELED STRAIGHT HEADWALL
										18	86				.064	X																							
										18	56	.064	.060			X			1																				
										24	42				.064	X																							
										24	70	.064	.060			X			1																				
										36	80		.075			X	.079																						
										42	78	.109	.105									21	117				405	3	633	52	191	78	125	610	487	I	3	3	
							28	20	76						.064																			119	II				
TOTALS							57	38	74				.135				.109																						

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT 621.52 / MELT
STEEL BEAM GUARD RAIL				
REV.	REV.			
93+87.5	99+21.5	534		2
LT.	LT.			
TOTALS				

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB		MKR PST
TH #5											
	REV										
75+50	80+40	U	RT/RT	6	490	295			1		1
		C	RT	6	12						
REV											
80+40		C	C/L	6	70	41					1
REV	REV										
80+50	83+30	U	RT/RT	6	280	170			1		1
		C	RT	6	12						
REV											
80+50		C	C/L	6	70	41					1
ESTIMATED		U		6	710	434			2		2
		C		6	76	42					2
TOTALS		U		6	1480	1023			4		8
		C		6	240						

PROJECT NAME BERLIN
PROJECT NUMBER MEGC-M6200(2)S

SHEET OF SHEETS