ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	PIPE #	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)	RCP (CL)	UDCP	CPEP (TH)	PCCSP PI (TH)	PIPE ELBOW (NO-DIA)	E S (EA)	CB	PRXCP	DEPTH DI/CB (FT)	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	GUARDRAIL ITEMS 621.00	621.20	621.50	621.60	621.74 (MOD)		621.80	621.81	REMARKS
21+84		LT	(1)							15	4			III						1		5.0			D			15	3				1															SEE STD. D-13
										15	4	.064																																				
21+95		RT	(2)							15	4			III								4.5	4.12	327	D			13	3				1															4' X 6' DI (SEE SPECIAL TOP DETAIL)
										15	4	.064																																				
24+02		LT	(3)							15	4			III						1		5.0			D			17	4				1															SEE STD. D-13
										15	4	.064																																				
28+61		LT	(4)							15	4			III								6	5.01	392	D			15	5				1															4' X 6' DI (SEE SPECIAL TOP DETAIL)
										15	4	.064																																				
28+62		RT	(5)							15	4			III								4.5	2.68	211	D			7	2				1															4' X 4' DI
30+84		LT	(6)							18	4	.064										5.5	4.71	364	D			14	4				1															4' X 6' DI (SEE SPECIAL TOP DETAIL)
32+94		RT	(7)							12	4			III						1		5.5			D			14	3				1															SEE STD. D-13
										8	4				X																																	
33+19		LT	(8)							12	4			III						1		6			D			24	10				3															SEE STD. D-13
										15	16	.064																																				
39+85		LT	(9)							15	4			III								4.5	2.68	211	D			7	5				1															4' X 4' DI
41+98		RT	(10)							15	4	.064										6.5	5.31	401	D			16	4				1															4' X 6' DI (SEE SPECIAL TOP DETAIL)
42+95		RT	(11)							15	4	.064										7.5	5.91	438	D			22	5				1															4' X 6' DI (SEE SPECIAL TOP DETAIL)
										15	4	.064																																				
45+09		LT	(12)							12	4	.064										5	2.90	234	D			9	5				1															4' X 4' DI
45+33		RT	(13)							12	4	.064										8	6.21	466	D			26	5				2															
										15	4	.064																																				
										15	4	.064																																				
48+44		RT	(14)							15	4	.064										7	5.61	429	D			19	4				1															4' X 6' DI (SEE SPECIAL TOP DETAIL)
										15	4	.064																																				
51+21		LT	(15)							24	4			III						1		7			D(2)			32	6				2															SEE SPECIAL TOP DETAIL
										24	4	.064																																				
51+23		RT	(16)							12	4			III						1		7.5			D(2)			40	5				3															SEE SPECIAL TOP DETAIL
										24	4	.064																																				
										24	4					SL																																
										15	4	.064																																				
										18	4			III																																		
56+62		RT	(17)							15	4	.064										5	2.90	234	D			11	4				1															4' X 4' DI
56+85		LT	(18)							8	4				X					1		7			D			40					2															SEE STD. D-13
										15	4	.064																																				
										8	4				X																																	
										15	2	.064																																				
										15	4	.064																																				
59+23	59+84	RT	(19)							12	65	.064										4	2.45	203	D			32					8															4' X 4' DI
59+84		LT	(20)							15	10	.064								1		6			D(2)			25	4				1															SEE SPECIAL TOP DETAIL
68+64		LT	(21)							8	6				X							3.5	2.23	180	D			8	1				1															4' X 4' DI
71+01		LT	(22)							8	12				X							4	2.45	203	D			10	1				2															4' X 4' DI
			GUARDRAIL ITEMS																																													
28+68	31+45	LT																																												277'		
28+98	31+48	LT																																										250'				
57+30	58+65	LT																																												135'		
58+83	63+45	LT																																												462'		
65+24	70+74	LT																																										550'				
65+29	70+90	LT																																												561'		
70+74	70+99	LT																																										25'				
			PROJECT TOTALS FOR PIPES:							12	12			III																																		
										15	24			III																																		
										18	4			III																																		
										24	4			III																																		
										12	73	.064																																				
										15	88	.064																																				
										18	4	.064																																				
										24	8	.064																																				
										8	30				X																																	
										24	4					SL																																
TOTALS																				8			55.17	4293	14-D			416	83				37											825		1435		

UNDERDRAIN

STA.	STA.	POSITION	TYPE	D	L	TR EXCAV EARTH	TR EXCAV ROCK	GRAN BKF	FB	MKR PST
TOTALS										

JUL 30 2004

PROJECT NAME: BURLINGTON
PROJECT NUMBER: MEGC 5000 (15)

SHEET 12 OF 252 SHEETS