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	SEAMLESS COPPER WATER TUBE FT	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	PLASTIC WATER PIPE LF	SLEEVE FOR UTIL. LF	REMARKS
450+68.9		LT-RT	87-28 RT							48	132	.109	.105										3.4	21				196	28							10	II	1	1			REMOVE EXIST 36" BOX CULVERT
																																				100	IV					
452+00	453+50	LT-LT																																	67							EROSION MATTING
453+75	458+25	RT-RT																																	2528	508	II					EROSION MATTING & STONE FILL FOR SLOPE PROTECTION
454+75.3		LT-RT	85-10 RT							18	94	.064	.060			X		1-35				3.5	1.9	158	A			72	10							2	I	1	1			REMOVE EXIST 18'' RCP AND DI
																		1-25																								
455+25	459+25	LT																																	178							EROSION MATTING
458+00		LT-RT								18	104	.064	.060			X		2-35				4.0	2.1	193	A			45	20							1	I	1	1			
462+00	467+50	LT-LT																																	244							EROSION MATTING
462+11		RT	87-07 LT																									33														REMOVE 18'' RCP
464+70	467+02	LT								18	232			III		X						4.0	2.1	193	A			117														
REV																																										
464+72.9		LT-RT	84-41 RT																									34														REMOVE EXIST 18'' RCP
467+02	468+50	LT								18	148			III		X						4.0	2.1	193	A			75														
467+25		RT								15	38			III	.064	X																										DRIVE PIPE
468+50		LT-RT								24	64			III		X						4.5	2.3	200	A			40										1				
468+50		RT								24	100	.064	.060			X						5.5	2.8	239	A			162								6	II		1			
469+16		LT																																								REMOVE EXISTING 18'' GMP
471+00		LT								15	46			III	.064	X																										DRIVE PIPE
REV																																										
473+09		LT-RT	71 RT							18	50			III		X		•				4.0	2.1	193	A			29										1	1			REMOVE EXIST 18'' RCP
REV																																										
473+09		LT-RT	71 RT							24	96	.064	.060	III		X						8.5	4.1	354	A			61								4	I		1			
473+18	473+85	RT-RT								18	68			III		X						4.5	2.3	200	D			48											1			
474+60		LT-RT															60											22													60	3/ 4'' SEAMLESS COPPER WATER TUBE W/6''
REV																																										SLEEVE FOR UTILITIES
476+39.8		LT-RT	83-20 RT							42	86	.109	.105										3.0	21				101								33	II	1	1			REMOVE EXIST BOX CULVERT
478+50		LT								15	72			III	.064	X																										DRIVE PIPE
480+00		RT								15	44			III	.064	X																										DRIVE PIPE
480+50	481+50	RT-RT																																	78							EROSION MATTING
481+50	486+30	LT-LT																																	213							EROSION MATTING
483+75	485+25	RT-RT																																	689							EROSION MATTING FOR SLOPE PROTECTION
486+50		LT								15	56			III	.064	X																										DRIVE PIPE
487+26			67-57 LT							18	96	.064	.060			X			1									33								1	I	1	1			REMOVE EXIST 18'' GMP
489+00		LT								15	40			III	.064	X																										DRIVE PIPE
489+50	490+85	LT-LT																																	60							EROSION MATTING
491+32		LT								15	48			III	.064	X																										DRIVE PIPE
				TOTALS						15	344			III	.064	X	60	1-25					28.2	1965	8-A			1068	58						4057	8	I	7	9		60	
				SHEET	3	OF	4			18	294	.064	.060			X		3-35	1						1-D											557	II					
										18	498			III		X																				100	IV					
										24	96	.064	.060	III		X																										
										24	100	.064	.060			X																										
										24	64			III		X																										
										42	86	.109	.105																													
										48	132	.109	.105																													
		TOTALS																																								

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT MELT	END TREATMENT ANCHOR
TOTALS					

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	STN FILL	MKR PST
TOTALS											

PROJECT NAME GROTON - RYEGATE
PROJECT NUMBER F 026 - I(30)

dd073d3.I 12-MAR-1997
SHEET 12 OF 152 SHEETS