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 M	PIPE D mm	PIPE L M	ALLOWABLE OPTIONS PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	PIPE ELBOW NO-DEG	ES EA	CB ✓	PRECAST BRKT	DEPTH DI	CONC CL B cm	REIN STEEL KG	DI GRATE TYPE	CHAN ELEV	CRM cm	TR EXCAV EARTH cm	TR EXCAV ROCK cm	COMM EXC cm	UNC CHAN EXC cm	STRUC EXCAV cm	GRAN BKF STRUC cm	GRAN BORR cm	EROS MATT sm	STONE FILL cm	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	GEO. UNDER STONE FILL SM	SYSTEM #	REMARKS
10+197	10+257	RT		CB/CB						450	58.52			III						1					E			61.37													1	
10+257	10+300	RT		CB/CB						450	42.1			III						1					E			46.089													1A	
10+300	10+300	LT/RT		CB/CB						450	7.0			III						1					E			12.016													2	
10+300	10+350	RT		CB/CB						450	49.0			III						1					E			59.16					17.29								3	
10+350	10+400	RT		CB/CB						450	48.77			III						1					E			48.113					37.673								4	
10+340	10+350	LT/RT		CB/CB						450	12.19			III						1					E			20.024					2.123								4A	
10+400	10+459	RT		CB/CB						450	58.0			III						1					E			74.918					20.63								4B	
10+459	10+476	RT		CB/CB						450	16.0			III						1					E			29.253													5	
10+450	10+459	LT/RT		CB/CB						450	11.0			III						1					E			20.945					2.28								5A	
10+476	10+498.4	RT		CB/ARCH						450	21.94			III						1					E			44.86	1.275													6	
																																									7	ROCKINGHAM TH2-9103 PROJECT
10+581	10+591	RT/LT		HW/CB						600	23.0					✓				1			2.0	56.0	B			59.595								2.30	I			8.64	8	
10+810	10+825	LT		CB						375	15.0					✓				1					E			11.926													9	
10+940	10+940	LT/RT		CB/HW						600	19.22					✓				1			2.0	5.6	A			19.766								2.16	I			7.2	10	
11+000	11+004	LT/RT		HW/HW						1200	14.63			III									11.99	56.0				57.808								39.62	II			49.36	11	
11+009	11+004	RT		DI						375	4.88			III						1					E			3.192													11A	
11+025	11+006	LT								375	23.55					✓												17.509	8.60												12	
11+195	11+209	LT								375	14.6			III														14.503													13	
11+211	11+220	LT								375	9.75			III														8.020													13A	
11+255	11+255	RT		DI						375	3.9					✓				1					E			4.164								2.48	I			3.25	14A	
11+277	11+283.5	LT/RT		HW/HW						1800	19.5			III									31.18	108.0				220.492								49.2	II			40.0	14	
11+370	11+370	LT/RT		CB						600	18.6					✓				1					A			33.524	11.85												15	
11+552	11+552	LT/RT		CB/HW						600	14.5					✓				1			2.0	18.06	B			40.285													16A	
11+600	11+650	LT		CB/CB						600	48.2					✓				1					B			121.133													16	
11+650	11+655	LT/RT		CB/HW						600	13.69					✓				1			2.0	5.6	B			33.237	1.08							12.96	I			14.03	17	
11+680	11+697	LT		CB						375	17.0			III						1					B			48.449	1.782												18	
11+698	11+698	LT/RT		HW/HW						1200	17.07			III									11.932	56.8				31.759	7.246							7.09 17.84	I II			42.89	19	
11+750	11+750	RT		DI						375	4.88					✓				1					B			4.99								5.29	I			17.4	20A	
11+720	11+700	LT								375	19.51			III														20.121								9.66	I				20	
11+849	11+849	LT/RT		-/HW						450	17.07			III									1.3	9.5				25.77								1.31 44.06	I II			49.4	21	
11+907	11+927	LT								375	19.51			III														14.34													22	
12+110	12+113	LT/RT								750	14.63			III									5.245	33.52				48.217								1.80 20.95	I II				23	
12+200	12+200	LT/RT		CB/CB						600	12.19			III						1					B			0.826	30.04												24	
12+200	14+040	RT/LT		CB/CB						600	33.84			III						1					E			117.525	16.713												24A	
14+040	14+040	LT		CB						750	4.57					✓				1					E			32.319								12.0	II				24B	
TOTALS										375 450 600 750 1200 1800				35.25 341.59 46.034 14.63 31.70 19.50		46.33 135.16 4.57				21	3		69.64	299.68			1511.582	79.586			77.586			45.15 183.67	I II			237.17		

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT	
TOTALS					

UNDERDRAIN

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

4/11/06 PKF 1/31/06

PROJECT NAME: GRAFTON - ROCKINGHAM
PROJECT NUMBER: STP QUEE 4(5) C/2

FILE NAME:
PROJECT LEADER:
DESIGNED BY:
PLOT DATE: 24-SEP-2001
DRAWN BY: CGREENWOOD
CHECKED BY:
SHEET 1 OF 2

IZO DRAIN