STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

VAOT Metric

DRAINAGE STRUCTURES

DRAINAGE FLAG NO.	STATION km + m	STATION km + m	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRCDI	DEPTH DI	HPC CONC CL B	REINF STEEL	DI GRATE	CHAN ELEV	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL STRUCT	GRAN BORR	EROS MATT	STONE FILL		MARKER POSTS		REMARKS
					INLET	OUTLET	IN	OUT	SPAN mm	RISE mm	L m	D mm	L m	PCCSP mm	CAAP mm	RCP CL	CSP mm	CPEP SL	PCCSP PI mm	NO. DEG	EA	EA		DI mm	m^3	kg	TYPE	EA	m^3	EARTH m^3	ROCK m^3	m^3	m^3	m^3	m^3	m^3	m^2	m^3	TYPE	LT ea	RT ea	
1	20+007.7		LT																																				REMOVE EXISTING RCDI (PAY FOR REMOVAL UNDER TRENCH
																																							EXCAVATION OF THE NEW RCDI)
2	20+007.7	20+009.6	LT/RT																																					REMOVE EXISTING 310mm PIPE (PAY FOR REMOVAL UNDER
																																							TRENCH EXCAVATION OF THE NEW PIPE)
3	10+030.0	10+078.9	LT			RCDI																									40						40	1			NEW STONE LINED DITCH
4	20+007.8		LT				X																	1850	1.63	122	I-A			1	2										NEW 1200 X 1200 RCDI
5	20+007.8	20+008.7	LT/RT		RCDI	RCDI						450	8.5	X	X			X												13											NEW 450mm OPTION PIPE
6	20+008.7		RT																					2450	2.13	156	I-D			6											NEW 1200 X 1200 RCDI
7	20+008.8	20+011.0	RT		RCDI	CHAN		X				450	14.0	X	X			X												11										X	NEW 450mm OPTION PIPE - OUTLET INTO WHETSTONE BROOK
8	10+076.0		RT																					2700	2.35	185	I-D			4											NEW 1200 X 1200 RCDI
9	10+076.1	10+095.2	RT		RCDI	CHAN		X				450	17.7	X	X			X												25										X	NEW 450mm OPTION PIPE - OUTLET INTO WHETSTONE BROOK
10	10+126.0		LT																					1950	1.71	185	I-D			1											NEW 1200 X 1200 RCDI
11	10+126.0	10+126.0	LT/RT		RCDI	RCDI		X				450	6.9	X	X			X												2											NEW 450mm OPTION PIPE
12	10+126.0		RT																					2290	2.00	185	I-D			2											NEW 1200 X 1200 RCDI
13	10+126.0	10+120.2	RT		RCDI	CHAN		X				450	9.3	X	X			X												0										X	NEW 450mm OPTION PIPE - OUTLET INTO WHETSTONE BROOK
					SUB-TOTALS							450	56.4	X	X			X							9.82	833	4-D			65	2	40					40	1		3EA	
					ROUNDING								0.6												0.18	7	I-A			5	8	0					0				
					TOTALS								57m												10CM	840KG				70CM	10CM	40CM					40CM				

PROJECT NAME: BRATTLEBORO
PROJECT NUMBER: BRF 2000 (21)S

FILE NAME: 96J228\structures\sJ228dds.I
PROJECT MANAGER: R. R. WHITCOMB
DESIGNED BY: C. CARLSON
DRAINAGE DETAIL SHEET

PLOT DATE: 29-APR-2009
DRAWN BY: C. MOONEY
CHECKED BY: D. PETERSON
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