STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET 2

Metric

STATION km + m	STATION km + m	POS.	PIPE ID NUMBER	INLET/OUTLET TYPE INLET	INLET/OUTLET TYPE OUTLET	DITCH IN	DITCH OUT	PIPE ARCH SPAN mm	PIPE ARCH RISE mm	PIPE ARCH L m	PIPE D mm	PIPE L m	ALLOWABLE OPTIONS PCCSP mm	CAAP mm	RCP CL	CSP mm	CPEP SL	PCCSP Pt mm	PIPE ELBOW no. deg	ES ea	CB ea	PRECOT	DEPTH CB m	CONC CLASS B m³	REINF STEEL kg	DI GRATE type	CHAN ELEV ea	CRM m³	TRENCH EXCAVATION EARTH m³	TRENCH EXCAVATION ROCK m³	COMM EXC m³	UNC CHAN EXC m³	STRUCT EXCAV m³	GRAN BKFLL STRUCT m³	GRAN BORR m³	EROS MATT m²	STONE FILL m³	STONE FILL type	MARKER POSTS LT ea	MARKER POSTS RT ea	GEO UNDER SF m²		REMARKS
17+520.0	1+015.0	RT/LT	d1-8	PRCCB							450	40.8	1.63	1.52	III		X				1.2		1.8				1-D			81.9					9.6									
1+015.0	1+015.0	LT/LT	d1-9	PRCCB							375	4.5	1.63	1.52	III		X				1.2		1.7				1-A			19.3					1.0									
17+762.7	17+779.0	LT	dr17770	ES	ES						375	16.3			IV					2														3.7					2				
17+815.0	17+815.0	C/L	e1	ES	ES						450	23.1	1.63	1.52	III		X			2										25.1					5.5			1.00	II	1	1	6.3		
17+816.3	17+818.9	RT/LT	ex17818																											12.5														REMOVE
17+900.0	17+939.0	RT	e2-4	PRCCB							375	37.7			III		X				1.2		2.5				1-A			89.8					8.5									
17+939.0	18+012.0	RT	e2-3	PRCCB							450	71.6	1.63	1.52	III		X				1.2		1.6				1-A			208.9					16.9									
18+012.0	18+035.0	RT	e2-2	PRCCB							450	21.8	1.63	1.52	III		X				1.2		1.6				1-A			60.4					5.2									
18+035.0	18+048.2	RT	e2-1	PRCCB	ES						450	14.0	1.63	1.52	III		X			1	1.2		1.3				1-A			33.7					3.3			1.30	I		1	7.0		200 mm DITCH CHECK
18+051.0	18+064.0	RT	sd18+051																											20.9														CONSTRUCT SPECIAL DITCH
18+127.0	18+127.0	C/L	e3	BOX	BOX																											7.20	130.70	12.9			7.20	II	1	1	22.3		NEW 1525 mm X 910 mm X 22 m BOX CULVERT
18+127.4	18+127.7	RT/LT	ex18127																																										REMOVE
18+155.2	18+173.5	LT	ex18165																																										REMOVE
18+163.1	18+174.5	LT	dr18164	ES	ES						375	11.4			IV					2														2.6					2				
18+283.8	18+296.6	LT	dr18291	ES	ES						375	12.8			IV	1.63	X			2														2.9					2				
18+284.6	18+299.9	LT	ex18291																																										REMOVE
18+509.0	18+525.0	LT	f2-1	PRCCB							450	14.8	1.63	1.52	III		X				1.2		1.6				1-A			38.3					3.5									
18+525.0	18+593.0	LT	f2-2	PRCCB							525	64.7			III						1.2		1.6				1-A			155.7					16.3									200 mm DITCH CHECK
18+571.7	18+572.5	RT/LT	ex18572																											26.9	3.0													REMOVE
18+593.0	18+593.0	C/L	f2-3	PRCCB							750	12.4	2.01	1.91	III		X				1.5		1.7				2-A			37.7					3.6									
18+593.0	18+593.0	RT	f2-4	PRCCB							750	3.6			IV						1.5		2.4				1-D			14.5					1.1			2.00	II		1	9.7		
18+619.4	18+629.9	LT	ex18626																											3.2														REMOVE
18+677.2	18+687.7	LT	dr18681	ES	ES						375	10.5	1.63	1.52	III		X			2																				2				
18+688.2	18+689.0	LT/RT	ex18688																											23.6														REMOVE
18+773.8	18+785.3	LT	dr18780	ES	ES						375	11.5			IV	1.63	X			2																				2				
18+813.0	18+813.0	C/L	f3	ES				875	600	21.6			2.01	1.91						1										40.3					6.2			1.70	II	1	1	8.6		
18+813.0	18+813.0	RT	csd18813																											53.0														CONSTRUCT SPECIAL DITCH
18+813.1	18+813.6	LT/RT	ex18813																																										REMOVE
	18+900.4	LT	ex18895																											6.9														REMOVE
18+888.7	18+900.4	LT	dr18895	ES	ES						375	12.2			III	1.63	X			2																				2				
19+205.0	19+256.2	RT	g1-3	PRCCB							450	51.3	1.63	1.52	III		X				1.2		1.5				1-A			151.2					12.1									
19+256.2	19+256.2	C/L	g1-2	PRCCB							450	13.3	1.63	1.52	III		X				1.2		1.8				1-A			32.0					3.1									
19+256.2	19+256.2	LT	g1-1	PRCCB							450	22.5	1.63						2-22.5		1.2		2.0				1-D			42.8	6.0				5.3			2.20	II	1		10.1		
19+256.1	19+256.2	LT	x19256LT																																										REMOVE
19+256.2	19+256.2	LT/RT	x19256RT																																										REMOVE
19+495.0	19+520.0	RT	h1-4	PRCCB							450	23.8			III		X				1.2		1.4				1-A			67.5					5.6									
19+520.0	19+560.0	RT	h1-3	PRCCB							450	38.8			III		X				1.2		1.8				1-A			142.5					9.2									
19+560.0	19+595.0	RT	h1-2	PRCCB							450	33.8			III		X				1.2		2.1				1-D			105.9					8.0									
	SUBTOTALS SHEET 2										375	15.0	1.63	1.52	III		X			2	-	-					-			1494.5	9.0		7.2	130.7	146.1			1.3	I	16	5	64.0		
											375	37.7			III		X				-	-					-										14.1	II					
											375	12.2			III	1.63	X			2	14	1.2					13	A											III					
											375	27.7			IV					4	2	1.5						B																
											375	24.3			IV	1.63	X			4		1.8					4	D																
											450	250.7	1.63	1.52	III		X			3		2.1						E																
											450	22.5	1.63						2			2.4					COVER																
											450	96.4			III		X										STEEL																
											525	64.7			III																													
											750	12.4	2.01	1.91	III		X																											
											750	3.6			IV																													
								875	600	21.6			2.01	1.91						1																									

PROJECT NAME:	BRANDON
PROJECT NUMBER:	NH 019-3(495)
FILE NAME:	zb008_5dds.xls
PROJECT LEADER:	CRB
DESIGNED BY:	PTS
DRAINAGE DETAIL SHEET # 2	
PLOT DATE:	9/1/2009
DRAWN BY:	NLL
CHECKED BY:	DAM
SHEET	17 OF 546

zb008s5-dds02.dgn