STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	ASKEW NO. DEG.	INLET/OUTLET TYPE INLET	OUTLET	DITCH IN	DITCH OUT	PIPE ARCH SPAN IN	RISE IN	L FT	PIPE D IN	L FT	ALLOWABLE OPTIONS PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	PIPE ELBOW NO. DEG.	ES EA	CB EA
2+26.50		RT																			
2+26.50	2+74.00	RT		CB	CB						18	47.56		X	X		X				
2+74.00		RT																			
2+74.00	2+43.00	LT/RT		CB	CB						18	24.63		X	X		X				
3+33.11		LT																			
3+33.11	2+73.90	LT/LT		CB	CB						18	55.35		X	X		X				
2+73.90		LT																			
2+73.90	2+74.11	LT/LT		CB	CB						18	13.75		X	X		X				
5+70.96		LT																			
5+70.96	5+62.69	LT/RT		CB	CB						18	25.47		X	X		X				
5+62.69		RT																			
5+62.69	5+04.00	RT/RT		CB	CB						18	57.13		X	X		X				
5+04.00		RT																			
5+04.00	5+04.00	RT/RT		CB	MH						18	10.91		X	X		X				
5+04.00		RT																			
5+04.00	4+80.96	RT/RT		MH	STONE						18	21.95		X	X		X			X	
								SUBTOTAL:				256.75									
								ROUNDING:				3.75									
								TOTAL:				260.00									

STATION	STATION	POS.	PRC DI C	DEPTH DI FT	CONC CLASS B CY	REINF STEEL LBS	DI GRATE TYPE	CHAN ELEV EA	CRM CY	TRENCH EXCAVATION EARTH CY	ROCK CY	COMM EXC CY	UNC CHAN EXC CY	STRUCT EXCAV CY	GRAN BKFILL STRUCT CY	GRAN BORR CY	EROS MATT SY	STONE FILL CY	TYPE	MARKER POSTS LT EA	RT EA			REMARKS
2+26.50		RT	X	5.71			D			17.23	-	-	-	-	12.23	-	-	-	-	-	-			4'-0" DIAMETER PRECAST CB (CB8)
2+26.50	2+74.00	RT								38.77	-	-	-	-	35.06	-	-	-	-	-	-			18" PIPE TO CONNECT TWO CB'S (PIPE 8)
2+74.00		RT	X	6.60			D			18.84	-	-	-	-	14.36	-	-	-	-	-	-			4'-0" DIAMETER PRECAST CB (CB1)
2+74.00	2+43.00	LT/RT								20.497	-	-	-	-	18.197	-	-	-	-	-	-			18" PIPE TO CONNECT TWO CB'S (PIPE 1)
3+33.11		LT	X	6.17			D			17.755	-	-	-	-	13.568	-	-	-	-	-	-			4'-0" DIAMETER PRECAST CB (CB 2)
3+33.11	2+73.90	LT/LT								47.817	-	-	-	-	42.645	-	-	-	-	-	-			18" PIPE TO CONNECT TWO CB'S (PIPE 2)
2+73.90		LT	X	8.28			D			22.469	-	-	-	-	16.85	-	-	-	-	-	-			4'-0" DIAMETER PRECAST CB (CB 3)
2+73.90	2+74.11	LT/LT								10.48	-	-	-	-	9.1942	-	-	-	-	-	-			18" PIPE TO CONNECT TWO CB'S (PIPE 3)
5+70.96		LT	X	6.18			*			17.533	-	-	-	-	13.34	-	-	-	-	-	-			4'-0" DIAMETER PRECAST CB (CB 4) *SEE STORM DRAIN PROFILES AND DETAILS SHEET
5+70.96	5+62.69	LT/RT								17.745	-	-	-	-	15.367	-	-	-	-	-	-			18" PIPE TO CONNECT TWO CB'S (PIPE 4)
5+62.69		RT	X	6.69			D			19.102	-	-	-	-	14.562	-	-	-	-	-	-			4'-0" DIAMETER PRECAST CB (CB 5)
5+62.69	5+04.00	RT/RT								44.402	-	-	-	-	39.066	-	-	-	-	-	-			18" PIPE TO CONNECT TWO CB'S (PIPE 5)
5+04.00		RT	X	6.94			D			18.824	-	-	-	-	14.114	-	-	-	-	-	-			4'-0" DIAMETER PRECAST CB (CB 6)
5+04.00	5+04.00	RT/RT								6.07	-	-	-	-	5.0513	-	-	-	-	-	-			18" PIPE TO CONNECT CB TO MH (PIPE 6)
5+04.00		RT	X	7.43						17.85	-	-	-	-	12.807	-	-	-	-	-	-			4'-0" DIAMETER PRECAST MH (MH 7) CAST IRON COVER
5+04.00	4+80.96	RT/RT								4.0417	-	-	-	-	1.9752	-	-	-	-	-	-			18" PIPE FROM MH TO CHANNEL (PIPE 7) w/ END SECTION
SUBTOTAL:			8							339.48					278.39									
ROUNDING:										0.52					1.61									
TOTAL:			8							340.00					280.00									

PROJECT NAME: STOWE
PROJECT NUMBER: BRF 0235 (II)

FILE NAME: s87e052xsl.DGN
PROJECT LEADER: C. CARLSON
DESIGNED BY: D. PETERSON
DRAINAGE DETAILS

PLOT DATE: 28-JUL-2014
DRAWN BY: D. KARABEGOVIC
CHECKED BY: M. LONGSTREET
SHEET 16 OF 64