PARE ENGINEERING CORPORATION
Engineers – Planners – Landscape Architects
8 Blackstone Valley Place, Lincoln, RI 02865
401/334/4100

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 CSP TH	RCP CL	PCCSP TH	CAAP TH	NO PIPE ELBOW EA	ELBOWS D IN	ELBOWS TOP DEG	ELBOWS BOT DEG	ES RC EA	ES M EA	CB TYPE	DI TYPE	DEPTH DI FT	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV	CRM CY	TR EXCAV EARTH CY	TR EXCAV ROCK CY	CH EXCAV EARTH CY	CH EXCAV ROCK CY	STRUC EXCAV CY	GRAN BKF STRUC CY	STONE FILL CY	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	REMARKS
165+00		RT																				6x6								15										REMOVE EXIST. DROP INLET & EXIST 15" CMP
167+00	170+62	RT		RCCB/RCCB						18	360		III									6x6					E			410										STD D-15
168+62	168+76	RT																												10										REMOVE EXIST. 24" ACC GMP
169+06		RT & LT																							.10					6										REMOVE EXIST. DROP INLET, PLUG EXIST. 15" RCP w/ CLASS "B" CONC.
170+62		℄		RCCB/RCCB						18	28		IV									6x6					E			50										STD D-15
170+62	174+56	LT		RCCB/RCCB						18	392		IV									6x6					E			593										STD D-15
174+56		LT		RCCB/MH						36	150		V									6x6					E			645										STD D-15, OUTFALL TO HOOSIC RIVER
174+56		LT		MH/						36	214		V									6x6					D			912										STD D-15, OUTFALL TO HOOSIC RIVER
174+56		℄		RCCB/RCCB						30	28		V									6x6					E			106										STD D-15
174+56	176+74	℄		RCCB/MH						30	214		V									6x6					D			560										STD D-15
176+74	177+42	RT		MH/RCCB						30	64		V									6x6					D			97										STD D-15
177+42		℄		DI/RCCB						18	29		IV										4x4	7.0	3.6	311	D			52										STD D-8
177+42	178+20	RT		RCCB/MH						30	74		V									6x6					D			216										STD D-15
178+20	180+50	RT		MH/RCCB						30	226		V									6x6					D			387										STD D-15
180+50		℄		DI/RCCB						18	29		IV										4x4	5.0	2.9	234	D			47										STD D-8
180+50	183+50	RT		RCCB/RCCB						30	296		III									6x6					D			599										STD D-15
183+50		℄		DI/RCCB						18	29		III										4x4	5.0	2.9	234	D			40										STD D-8
183+50	186+00	RT		RCCB/RCCB						30	246		III									6x6					D			413										STD D-15
186+00		℄		DI/RCCB						18	29		III										4x4	5.0	2.9	234	D			23										STD D-8
186+00	188+50	RT		RCCB/RCCB						24	246		III									6x6					D			212										STD D-15
188+50		℄		DI/RCCB						18	29		III										4x4	5.0	2.9	234	D			24										STD D-8
188+50	190+25	RT		RCCB/RCCB						24	172		III									6x6					D			92										STD D-15
190+25		℄		DI/RCCB						18	29		III										4x4	5.0	2.9	234	D			19										STD D-8
190+31		℄																												23										REMOVE EXIST. CB & EXIST 15" RCP
190+25	192+00	RT		RCCB/RCCB						18	172		III									6x6					D			97										STD D-15
192+00		℄		DI/RCCB						18	29		III										4x4	5.0	2.9	234	D			20										STD D-8
192+00	195+00	RT		RCCB/RCCB						18	298		III									6x6					D			132										STD D-15
194+20		℄																												13										REMOVE EXIST CB & 12" CGMP
195+00		℄		DI/RCCB						18	29		III										4x4	5.0	2.9	234	D			18										STD D-8
195+00	198+00	RT		RCCB/RCCB						18	298		III									6x6					D			133										STD D-15
198+00		℄		DI/RCCB						18	29		III										4x4	5.0	2.9	234	D			22										STD D-8
212+85	213+17	LT		ES/ES						15	32	.064	III							2	2									8										DRIVE CULVERT
212+71	213+13	RT																												14										REMOVE EXIST 12" CGMP
213+49	213+73	RT		ES/ES						15	24	.064	III							2	2									3										DRIVE CULVERT
219+06		℄	60° LT																																					REMOVE EXIST 24" CGMP
219+11		℄	59°00' LT				73	55	120					SEE DETAILS BR-8A																										SEE CULVERT QUANTITY
219+16	219+38	RT		ES/ES						15	24	.064	III							2	2									3										DRIVE CULVERT
219+24	219+64	RT																												22										REMOVE EXIST 12" CGMP
TOTALS										15 18 24 30 36	80 1,809 62 1,149 368									6	6				26.9	2183			6036										

PORTLAND CEMENT CONCRETE SIDEWALK - 5 INCH

STA.	STA.	LT. (SY)	RT. (SY)
166+25	179+48		588.0
179+72	184+21		199.6
184+72	191+50		301.3
191+50	198+89		328.4
199+31	0+39		46.7
TOTALS			1464

PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH

STA.	STA.	LT. (SY)	RT. (SY)
179+48	179+72		10.7
184+21	184+72		22.7
198+89	199+31		18.7
TOTALS			52.1

PROJECT NAME
PROJECT NUMBER

SHEET 12 OF 319 SHEETS

D-4 JAN 85

BRUNING 65083