PAYNE ENGINEERING CORPORATION
Engineers — Planners — Landscape Architects
A. Blackstone Valley Place, Lincoln, RI 02865
401/334/4100

EARTHWORK SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V. C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON CURVES	CORR V. C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.		
300' VC	-1.4229%	95+00	537.42	537.51	+0.09		11				46			
						50		31				54		
		95+50	536.71	537.05	+0.34		23				12			
								42				38	C	679
		96+00	536.00	536.76	+0.76		22				29		R	44
								41				75	F	759
		96+50	536.30	536.64	+0.34		22				52			
								57				93	FAC.	1.15
		97+00	536.60	536.68	+0.08		40				48			
								75				98	EX. F	194
		97+50	536.90	536.90	0.00		41				58			
								74				74		
		98+00	537.20				39				22			
								58				54		
		98+50	537.50				24				36			
								32				91		
		99+00	537.80				11				62			
		STA. 99+44.08 BACK = STA. 99+44.55 AHEAD						69				103		
		99+50	538.10				64		0		49			
								200		44		79		
		100+00	538.40				152		47		36			
								292		73		57		
		100+50	538.70				163		32		26			
								395		126		24		
		101+00	539.00				264		104		0		C	5142
								491		247		2	R	3414
		101+50	539.30				267		163		2		F	97
								355		167		6		
		102+00	539.60				207		108		4		FAC.	1.15
								309		135		5		
		102+50	539.90				200		111		1		EX.C.	5030
								344		197		2		
		103+00	540.20				278		208		1			
								403		309		1		
		103+50	540.50				323		292		0			
								586		481		0		
		104+00	540.80				569		487		0			
								965		823		0		
		104+50	541.10				918		847		0			
								1002		856		0		
		105+00	541.40				626		539		0			
	+0.6002%							785		485		0		
		105+50	541.70				484		247		0			
								443		165		1		
		106+00	542.00				84		21		1		C	2800
								142		13		2	R	663
		106+50	542.30				76		0		1		F	173
								183				1		
		107+00	542.69				122				0		FAC.	1.15
								231				0		
		107+50	542.90				128				0		EX.C.	2601
								209				17		
		108+00	543.20				98				18			
								165				38		
		108+50	543.50				80				23			
								193				37		
		109+00	543.80				128				17			
								229				37		
		109+50	544.10				119				23			
								220				40		
		110+00	544.40				119				20			
								243				40		
		110+50	544.70				143				23			
								304				38		
		111+00	545.00	545.00	0.00		185				18			
								307				19	C	2991
		111+50	545.30	545.22	-0.08		147				2		R	0
								279				7	F	141
		112+00	545.60	545.30	-0.30		154				6			
								300				11	FAC.	1.15
		112+50	545.90	545.22	-0.68		170				6			
								327				6	EX.C.	2829
		113+00	546.20	544.99	-1.21		183				0			
						50		358				0		
		113+50	545.29	544.61	-0.68		204				0			
400' VC		CARRIED FORWARD						2118		0		121		
		COLUMN FOOTINGS						10739		4121		1150		

V. C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON CURVES	CORR V. C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.		
						50		331				2		
		114+00	544.37	544.07	-0.30		154				2			
								277				6		
		114+50	543.47	543.39	-0.08		145				5			
								265				12		
		115+00	542.55	542.55	0.00		141				8			
								270				7		
		115+50	541.64				151				0			
								331				0		
		116+00	540.73				206				0			
								396				0		
		116+50	539.82				222				0		C	8628
								326				23	R	0
		117+00	538.91				130				25		F	187
								241				81		
		117+50	538.00	538.00	0.00		130				62		FAC.	1.15
								308				67		
		118+00	537.09	537.21	+0.12		203				10		EX.C.	8413
								598				9		
		118+50	536.18	536.67	+0.49		443				0			
								1644				0		
		119+00	535.27	536.38	+1.11		1332				0			
								2595				0		
		119+50	534.35	536.33	+1.98		1471				0			
								1919				0		
		120+00	533.44	536.53	+3.09		602				0			
								717				6		
		120+50	532.53	536.98	+4.45		172				7			
								205				37		
		121+00	534.59	537.68	+3.09		49				33			
								69				135		
		121+50	536.65	538.64	+1.99		25				113		C	3941
								49				148	R	0
		122+00	538.70	539.83	+1.11		28				47		F	1105
								49				168		
		122+50	540.76	541.27	+0.51		25				134		FAC.	1.15
								43				217		
		123+00	542.82	542.95	+0.13		21				100		EX.C.	2670
								233				107		
		123+50	544.88	544.88	0.00		231				16			
								623				27		
		124+00	546.95				442				13			
								919				45		
		124+50	549.00				550				36			
								1034				215		
		125+00	551.06				567				196			
								1001				333		
		125+50	553.12				514				164			
								680				447		
		126+00	555.17				220				319			
								351				813	C	3410
		126+50	557.23				159				559		R	469
								249				1271	F	14807
		127+00	559.29				110				814			
								163				1767	FAC.	1.15
		127+50	561.35				66				1094			
								131				2416	EX. F	13618
		128+00	563.40	563.35	-0.05		76				1515			
								132				2560		
		128+50	565.45	565.20	-0.25		67		0		1250			
								190		71		2162		
		129+00	567.51	566.83	-0.68		138		77		1085			
								245		161		1753		
		129+50	569.57	568.24	-1.33		127		97		808			
								268		237		1285		
		130+00	571.63	569.44	-2.19		162		159		580			
								540		537		540		
		130+50	573.68	570.42	-3.26		421		421		3			
								1035		1026		3		
		131+00	575.74	571.18	-4.56		697		687		0			
								1918		1903		2		
		131+50	577.80	571.73	-6.07		1374		1368		2			
								2637		2631		2		
		132+00	576.63	572.07	-4.56		1474		1474		0			
						50		2679		2679		0		
600' VC	-1.8227%	CARRIED FORWARD						8809		8776		547		
		COLUMN FOOTINGS						25661		9245		16666		

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		132+50	575.45	572.19	-3.26		1419		1419		0			
						50		2255		2255		0	C	12176
		133+00	574.28	572.09	-2.19		1016		1016		0		R	11980
								970		941		0	F	4078
		133+50	573.10	571.78	-1.32		31		0		0			
								73		4		170	FAC.	1.15
		134+00	571.93	571.25	-0.68		48		4		184			
								50		4		1056	EX.C.	7486
		134+50	570.75	570.51	-0.24		30		0		955			
								19				2306		
		135+00	569.58	569.55	-0.03		0				1536			
								0				3290		
		135+50	568.40				0				2017			
								0				3619		
		136+00	567.23				0				1892		C	52
								0				3689	R	0
		136+50	566.05				0				2092		F	29094
								0				3804		
		137+00	564.88				0				2016		FAC.	1.15
								2				3616		
		137+50	563.70				2				1889		EX. F	33+06
								26				3065		
		138+00	562.53				26				1421			
								24				2205		
		138+50	561.35				0				960			
								0				1905		
		139+00	560.18				0				1097			
								0				2088		
		139+50	559.00				0				1158			
								0				1813		
		140+00	557.83				0				800			
								19				1186		
		140+50	556.65				21		0		448			
								109		53		914		
		141+00	555.48				97		57		539		C	8476
								314		277		1016	R	8217
		141+50	554.30				242		242		558		F	3935
								460		460		640		
		142+00	553.13				255		255		133		FAC.	1.15
								664		664		156		
		142+50	551.95				462		462		36		EX. C.	3951
								829		797		41		
		143+00	550.78	550.78	0.00		434		399		8			
								900		856		8		
		143+50	549.60	549.72	+0.12		537		525		1			
								1331		1301		2		
		144+00	548.43	548.91	+0.48		900		880		1			
								1844		1815		1		
		144+50	547.25	548.32	+1.07		1091		1080		0			
								2006		1994		1		
		145+00	547.50	547.98	+0.48		1076		1074		1			
								1750		1727		3		
		145+50	547.75	547.87	+0.12		814		791		2			
						50		1415		1393		7		
		146+00	548.00	548.00	0.00		714		713		6			
						33		766		765		50		
		146+33	548.17				540		539		75			
						17		339		339		41	C	8405
		146+50	548.25				537		537		54		R	8238
						50		910		893		119	F	1029
		147+00	548.50				445		427		74			
								815		804		101	FAC.	1.15
		147+50	548.75				441		441		89			
								720		720		102	EX.C.	7222
		148+00	549.00				337		337		76			
								559		557		86		
		148+50	549.25				268		265		64			
								446		437		163		
		149+00	549.50				214		207		112			
								362		347		175		
		149+50	549.75				177		168		77			
						50		323		256		182		
		CARRIED FORWARD						0		0		0		
		COLUMN FOOTINGS						20300		19659		37589		
750' V.C.	+4.1155%													
300' VC	-2.3500%													
300' VC	+0.5000%													

PROJECT NAME Pownal - VT 346
PROJECT NUMBER RS 0107 (7)

SHEET 16 OF 319 SHEETS

D-5 JAN 85

BRUNING 65083