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

EARTHWORK SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V. C.	% GRADE	STATION	ELEVATION ON TANGENT	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.	AREA	CU. YDS.
		150+00	550.00				172		109		120			
						50		302		101		261		
		150+50	550.25	550.25	0.00		154		0		162			
						50		178				343		
		151+00	550.50	550.62	+0.12		38				208		C	887
						33		23				343	R	101
		151+33	550.67	550.99	+0.32		0				354		F	2637
						17		2				178		
		151+50	550.75	551.22	+0.47		5				211		FAC.	1.15
						50		6				380		
		152+00	551.00	552.06	+1.06		1				199		EX. F	2146
								58				285		
		152+50	552.66	553.13	+0.47		62				109			
								108				192		
		153+00	554.32	554.44	+0.12		55				98			
								54				175		
		153+50	555.98	555.98	0.00		3				91			
						50		11				190		
		154+00	557.64				9				114			
						18		13				91		
		154+18	558.24				30				158			
						32		54				132		
		154+50	559.30				61				64			
						50		78				67		
		155+00	560.96				23				8			
								106				19		
		155+50	562.62				91				12		C	2748
								124				30	R	0
		156+00	564.28				43				20		F	949
								342				50		
		156+50	565.94	565.94	0.00		326				34		FAC.	1.15
								687				81		
		157+00	567.60	567.47	-0.13		416				53		EX.C.	1657
								701				128		
		157+50	569.26	568.76	-0.50		341				85			
								372				159		
		158+00	570.92	569.80	-1.12		61				87			
								90				162		
		158+50	572.58	570.59	-1.99		36				88			
								76				135		
		159+00	574.24	571.14	-3.10		46				58			
								109				100		
		159+50	575.90	571.43	-4.47		72				50			
								141				85		
		160+00	577.56	571.48	-6.08		80				42			
								133				81		
		160+50	579.22	571.28	-7.94		64				45			
								89				93		
		161+00	580.88	570.84	-10.04		32				55		C	563
								30				145	R	0
		161+50	582.54	570.14	-12.40		0				102		F	2377
								0				233		
		162+00	584.19	569.20	-14.99		0				150		FAC.	1.15
								0				340		
		162+50	583.00	568.01	-14.99		0				217		EX.F	2171
								0				425		
		163+00	578.96	566.57	-12.39		0				242			
								0				379		
		163+50	574.92	564.88	-10.04		0				167			
						50		27				315		
		164+00	570.88	562.95	-7.93		29				173			
						03		3				20		
		164+03	570.64	562.83	-7.81		28				195			
						47		97				238		
		164+50	566.84	560.77	-6.07		83				78			
						50		184				108		
		165+00	562.80	558.34	-4.46		116				39			
								270				42		
		165+50	558.76	555.66	-3.10		176				6			
								364				44		
		166+00	554.72	552.74	-1.98		217				42			
								434				41		
		166+50	550.68	549.56	-1.12		252				2			
						50		542				6		
		167+00	546.64	546.15	-0.49		333				4			
		CARRIED FORWARD						1610		0		133		
		COLUMN FOOTINGS						5808		101		6096		

V. C.	% GRADE	STATION	ELEVATION ON TANGENT	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.	AREA	CU. YDS.
						50		711				4		
		167+50	542.60	542.48	-0.12		435				0			
								758				36		
		168+00	538.56	538.56	0.00		384				39			
								574				160		
		168+50	534.52	534.73	+0.21		236				134		C	4275
								310				188	R	0
		169+00	530.48	531.32	+0.84		99				69		F	641
								174				89		
		169+50	526.44	528.33	+1.89		89				27		FAC.	1.15
								138				31		
		170+00	522.40	525.77	+3.37		60				7		EX.C.	3538
								145				8		
		170+50	520.25	523.62	+3.37		97				2			
								189				5		
		171+00	520.00	521.90	+1.90		107				3			
								236				3	C	3123
		171+50	519.75	520.60	+0.85		148				0		R	0
								332				0	F	16
		172+00	519.50	519.72	+0.22		211				0			
								386				0	FAC.	1.15
		172+50	519.25	519.25	0.00		206				0			
								370				0	EX.C.	3105
		173+00	519.00				194				0			
								370				0		
		173+50	518.75				206				0			
								382				0		
		174+00	518.50				207				0			
								369				0		
		174+50	518.25				191				0			
								344				0		
		175+00	518.00				180				0			
								338				0		
		175+50	517.75				185				0			
								356				0		
		176+00	517.50				199				0		C	3692
								382				0	R	0
		176+50	517.25				214				0		F	50
								384				4		
		177+00	517.00				201				4		FAC.	1.15
								379				7		
		177+50	516.75				208				4		EX.C.	3635
								396				19		
		178+00	516.50				220				17			
								387				17		
		178+50	516.25				198				1			
		STA 178+91.26 BACK = STA 178+93.84 AHEAD												
								373				1		
		179+00	516.00				205				0			
								354				1		
		179+50	515.75				177				1			
								343				1		
		180+00	515.50				193				0			
								351				0		
		180+50	515.25				186				0			
								373				0		
		181+00	515.00				217				0		C	3692
								388				0	R	0
		181+50	514.75				202				0		F	0
								354				0		
		182+00	514.50				180				0		FAC.	1.15
								349				0		
		182+50	514.25				197				0		EX.C.	3692
								380				0		
		183+00	514.00				213				0			
								372				0		
		183+50	513.75				189				0			
								359				0		
		184+00	513.50				199				0			
								372				0		
		184+50	513.25				203				0			
								394				0		
		185+00	513.00				222				0			
								418				0		
		185+50	512.75			50	229				0			
								426				0		
		CARRIED FORWARD						844		0		0		
		COLUMN FOOTINGS						14016		0		574		

V. C.	% GRADE	STATION	ELEVATION ON TANGENT	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.	AREA	CU. YDS.
		186+00	512.50			50	231				0			
								463				0		
		186+50	512.25				269				0			
								473				0		
		187+00	512.00	512.01	+0.01		242				0		C	4361
								447				0	R	0
		187+50	511.75	511.83	+0.08		241				0		F	0
								472				0		
		188+00	511.50	511.72	+0.22		269				0		FAC.	1.15
								465				0		
		188+50	511.25	511.69	+0.44		233				0		EX.C.	4361
								425				0		
		189+00	511.50	511.72	+0.22		226				0			
								408				0		
		189+50	511.75	511.83	+0.08		215				0			
								364				0		
		190+00	512.00	512.01	+0.01		178				0			
								314				0		
		190+50	512.25				161				0			
								323				0		
		191+00	512.50				188				0			
								377				0	C	4429
		191+50	512.75				219				0		R	0
								540				0	F	12
		192+00	513.00				364				0			
								664				0	FAC	1.15
		192+50	513.25				353				0			
								583				0	EX.C	4415
		193+00	513.50				277				0			
								467				0		
		193+50	513.75				227				0			
								417				0		
		194+00	514.00				223				0			
								383				5		
		194+50	514.25				191				5			
								361				7		
		195+00	514.50				199				3			
								344				4		
		195+50	514.75				172				1			
								347				2		
		196+00	515.00				203				1			
								358				1	C	3769
		196+50	515.25				184				0		R	0
								362				0	F	7
		197+00	515.50				207				0			
								396				0	FAC	1.15
		197+50	515.75				221				0			
								394				0	EX.C.	3761
		198+00	516.00	516.00	0.00		204				0			
								370				0		
		198+50	516.25	516.37	+0.12		196				0			
								406				0		
		199+00	516.50	516.98	+0.48		242				0			
								423				0		
		199+50	517.70	517.82	+0.12		215				0			
								369				0		
		200+00	518.91	518.91	0.00		184				0			
								313				0		
		200+50	520.11	520.11	0.00		154				0			
								285				0		
		201+00	521.31	521.20	-0.11		154				0			
						50		148				7		
		201+50	522.52	522.06	-0.46		6				8			
						1		0				0		
		201+51	522.54	522.08	-0.46		0	BUTT			0			
						48								
		201+99	523.70	522.69	-1.01		0	BUTT			0			
						1		4				1		
		202+00	523.72	522.70	-1.02		206				56			
						50		230				52		
		202+50	524.92	523.12	-1.81		42				0			
						50		39				145		
		CARRIED FORWARD						1019			0	205		
		COLUMN FOOTING						12734			0	224		

V. C. 300' V.C. — +0.5000 %
V. C. 1150' V.C. — +3.3190 %
V. C. 1150' V.C. — -8.0800 %
V. C. 450' V.C. — -8.0800 %
V. C. 450' V.C. — -0.5015 %
V. C. 350' V.C. — -0.5015 %
V. C. 350' V.C. — +0.5000 %
V. C. 200' V.C.
V. C. 650' V.C. — +2.4063 %

PROJECT NAME Pownal - VT 346
PROJECT NUMBER RS0107 (7)

SHEET 17 OF 319 SHEETS

D-5 JAN 85

BRUNING 65083