PAYNE 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	GRADES: ELEVATION ON TANGENT	GRADES: ELEVATION ON CURVES	GRADES: 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.
	EX 1ST.	BEGIN	CONSTRUCTION - PROJECT				R50	107 (7)	- STA	40+10.00				
								61						
		40+50	549.6				82	BUTT						
						50		160						
		41+00	549.50				91							
								177					C	1313
		41+50	549.75				100						R	0
								184					F	11
		42+00	550.00				99							
								227					FAC.	1.15
		42+50	550.25	550.25	0.00		146							
								215					EX. C.	1300
		43+00	550.50	550.47	-0.03		86							
								132						
		43+50	550.75	550.63	-0.12		57							
								86						
		44+00	551.00	550.73	-0.27		36							
								52						
		44+50	551.25	550.77	-0.48		20				0			
								19				11		
		45+00	551.50	550.75	-0.75		0				12			
								0				35		
		45+50	551.75	550.67	-1.08		0				26			
								0				34		
		46+00	551.28	550.53	-0.75		0				11			
								0				181	C	152
		46+50	550.81	550.33	-0.48		0				184		R	0
		STA. 46+99.38 BACK = STA. 46+99.68 AHEAD						70				376	F	3568
		47+00	550.34	550.07	-0.27		76				222			
								70				458	FAC.	1.15
		47+50	549.87	549.75	-0.12		0				273			
								0				499	EX. F	3951
		48+00	549.40	549.37	-0.03		0				266			
								0				548		
		48+50	548.93	548.93	0.00		0				326			
								0				565		
		49+00	548.46				0				284			
								0				485		
		49+50	547.99				0				240			
								12				387		
		50+00	547.52				13				178			
								29				319		
		50+50	547.05				18				166			
								57				273		
		51+00	546.57				44				129			
								88				265	C	1940
		51+50	546.10				51				157		R	0
								102				261	F	2802
		52+00	545.63				59				125			
								155				259	FAC.	1.15
		52+50	545.16				108				155			
								175				275	EX. F	1282
		53+00	544.69				81				142			
								206				251		
		53+50	544.22				141				129			
								301				271		
		54+00	543.75				184				164			
								412				320		
		54+50	543.28				261				182			
								415				308		
		55+00	542.81				187				151			
								343				268		
		55+50	542.34				183				138			
								172				283		
		56+00	541.87				3		0		168		C	7471
								248		199		156	R	5663
		56+50	541.40				265		215		0		F	792
								526		418		0		
		57+00	540.93				303		236		0		FAC.	1.15
								617		469		0		
		57+50	540.46				364		271		0		EX. C.	6560
								832		659		0		
		58+00	539.99				535		441		0			
						50		989		800		4		
		58+50	539.52				533		423		4			
		CARRIED FORWARD						3727		2545		711		
		COLUMN FOOTINGS						7132		2545		7092		

V. C.	% GRADE	STATION	GRADES: ELEVATION ON TANGENT	GRADES: ELEVATION ON CURVES	GRADES: 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.
	-0.9411 %					50		1007		800		11		
		59+00	539.05				555		441		8			
								1240		1028		17		
		59+50	538.58				784		669		10			
								1497		1290		53		
		60+00	538.11				833		724		47			
								1490		1297		80		
		60+50	537.64				776		677		39			
								1252		1064		81		
		61+00	537.16				576		472		49			
								1182		979		53	C	11086
		61+50	536.69				700		585		8		R	8459
								1359		1121		8	F	224
		62+00	536.22				768		626		1			
								1467		1152		1	FAC.	1.15
		62+50	535.75				816		618		0			
								1813		1438		0	EX. C.	10828
		63+00	535.28	535.31	+0.03		1142		935		0			
								1330		1006		0		
		63+50	534.81	535.10	+0.29		294		151		0			
								455		140		0		
		64+00	534.34	535.14	+0.80		197		0		0			
								369		77		0		
		64+50	533.87	535.44	+1.57		201		83		0			
						50		369		185		1		
		65+00	533.40	536.00	+2.60		198		117		1			
						25		155		78		36		
		65+25	533.16	536.37	+3.21		137		52		76			
						25		116		40		52		
		65+50	532.93	536.82	+3.89		115		35		36			
						50		271		112		46		
		66+00	535.28	537.89	+2.61		178		86		14		C	10959
								549		412		14	R	9249
		66+50	537.64	539.21	+1.57		415		359		1		F	682
								1044		26		56		
		67+00	539.99	540.80	+0.81		712		641		59		FAC.	1.15
								1319		1174		144		
		67+50	542.35	542.64	+0.29		713		627		97		EX. C.	10175
								1404		1232		148		
		68+00	544.70	544.74	+0.04		804		704		63			
								1488		1270		61		
		68+50	547.06				803		668		3			
								1714		1544		17		
		69+00	549.42	549.42	0.00		1140		1000		15			
								1736		1536		40		
		69+50	551.77	551.66	-0.11		843		659		28			
								1163		925		68		
		70+00	554.13	553.69	-0.44		542		340		45			
								703		315		42		
		70+50	556.48	555.51	-0.97		426		0		0			
								494		0		22		
		71+00	558.84	557.10	-1.74		375		0		24			
								430		0		24	C	6826
		71+50	561.19	558.48	-2.71		322		0		2		R	315
								435		0		2	F	90
		72+00	563.55	559.64	-3.91		382		0		0			
								669		0		0	FAC.	1.15
		72+50	563.30	560.59	-2.71		702		0		0			
								788		0		0	EX. C.	6723
		73+00	563.05	561.31	-1.74		574		0		0			
								764		0		0		
		73+50	562.80	561.82	-0.98		664		0		0			
								1040		0		0		
		74+00	562.55	562.12	-0.43		459		0		0			
								804		0		0		
		74+50	562.30	562.16	-0.14		409		0		0			
								699		0		0		
		75+00	562.05	562.05	0.00		346		0		0			
								734		0		0		
		75+50	561.80				447		0		0			
								598		0		12		
		76+00	561.55				199		0		20			
								422		0		12		
		76+50	561.30				257		0		0			
						50		496		36		0		
		CARRIED FORWARD						2250		36		24		
		COLUMN FOOTINGS						34865		21177		1101		

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	-0.5000 %	77+00	561.05	561.05	0.00		279		39		0			
						50		685		104		0		
		77+50	560.80	560.70	-0.10		460		73		0		C	7059
								827		151		0	R	796
		78+00	560.55	560.17	-0.38		433		90		0		F	24
								798		129		0		
		78+50	560.30	559.43	-0.87		429		49		0		FAC.	1.15
								787		97		0		
		79+00	560.05	558.51	-1.54		421		56		0		EX. C.	7031
								829		124		0		
		79+50	558.26	557.39	-0.87		474		78		0			
								883		155		0		
		80+00	556.47	556.09	-0.38		479		89		0			
								1012		328		0		
		80+50	554.68	554.58	-0.10		614		265		0			
								1041		621		0		
		81+00	552.89	552.89	0.00		511		406		0		C	8286
								966		803		0	R	6761
		81+50	551.10	551.10	0.00		532		461		0		F	986
								995		861		21		
		82+00	549.31	549.44	+0.13		543		469		34		FAC.	1.15
								958		870		50		
		82+50	547.52	548.03	+0.51		492		471		47		EX. C.	7152
								1137		1109		64		
		83+00	545.73	546.89	+1.16		736		727		56			
								1308		1300		86		
		83+50	545.48	545.99	+0.51		677		677		84			
								748		748		115		
		84+00	545.23	545.36	+0.13		131		131		103			
								121		121		217		
		84+50	544.98	544.98	0.00		0		0		248			
								0		0		433		
		85+00	544.73				0		0		453			
								0				897		
		85+50	544.48				0				516			
								0				946		
		86+00	544.23				0				506		C	46
								2				783	R	0
		86+50	543.98				2				340		F	4074
								3				499		
		87+00	543.73				1				199		FAC.	1.15
								1				335		
		87+50	543.48				0				163		EX. F	4639
								1				200		
		88+00	543+23				1				53			
								8				63		
		88+50	542+98				8				15			
								11				44		
		89+00	542+73				4				32			
								7				117		
		89+50	542+48				4				94			
								13				190		
		90+00	542+23				10				111			
								19				206		
		90+50	541.98				11				111			
								14				152		
		91+00	541.73				4				53		C	195
								21				92	R	0
		91+50	541.48	541.48	-0.00		19				46		F	1616
								37				101		
		92+00	541.23	541.17	-0.06		21				63		FAC.	1.15
								39				187		
		92+50	540.98	540.75	-0.23		21				139		EX. F	1663
								30				258		
		93+00	540.27	540.21	-0.06		11				140			
								11				222		
		93+50	539.56	539.56	0.00		1				100			
								2				169		
		94+00	538.85				1				82			
								6				131		
		94+50	538.13	538.13	0.00		6				60			
						50		16				98		
		CARRIED FORWARD						0		0		0		
		COLUMN FOOTINGS						13336		7521		6676		

PROJECT NAME: POWNAL - VT 346
PROJECT NUMBER: RS 0107 (7)

SHEET 15 OF 319 SHEETS

D-5 JAN 85

BRUNING 65083