EARTHWORKS

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.	BASE AREA	BASE CU. YDS.
		SHOREHAM	MM 3.536	- MM	3.73									
			ESTIMATED EARTHWORKS											
				C -	990									
		-2+90		F -	0		27	BUTT					15	
				F. FAC -	1.15	990		990						550
		7+00		EX. C -	990		27						15	
				BASE -	550									
		SHOREHAM	MM 3.73	- MM	3.88									
		7+00					27						15	
						50		47						28
		+50					24				0		15	
						50		33				6		26
		8+00					12				6		13	
						50		24				72		27
		+50					14				72		16	
						22		11				97		13
		+72					14				165		15	
						28		15				90		15
		9+00					14				8		14	
						50		24				7		24
		+50					12				0		12	
						50		24				3		24
		10+00		C -	438		14				3		14	
				F -	868	50		29				71		30
		+50		F. FAC -	1.15		17				74		18	
				EX. F -	560	50		27				215		30
		11+00		BASE -	408		12				158		14	
						50		25				210		26
		+50					15				69		14	
						50		31				75		29
		12+00					19				12		17	
						50		31				11		27
		+50					14				0		12	
						50		28				0		24
		13+00					16				0		14	
						50		31				2		28
		+50					17				2		16	
						50		31				2		30
		14+00					17				0		16	
						50		27				7		27
		+50					12				8		13	
		SHOREHAM	MM 3.88	- MM	4.09									
			ESTIMATED EARTHWORKS											
		14+50		C -	689		12				8		13	
				F -	7	50		22				7		24
		15+00		F. FAC -	1.15		12				0		13	
				EX. C -	681	1200		667				0		578
		27+00		BASE -	602		18				0		13	
		SHOREHAM	MM 4.09	- MM	4.18									
		27+00					18						13	
						50		32						29
		+50					17				0		18	
						50		24				53		28
		28+00					9				57		12	
						50		21				106		25
		+50					14				57		15	
				C -	190	50		24				114		26
		29+00		F -	641		12				66		13	
				F. FAC -	1.15	50		27				121		27
		+50		EX. F -	547		17				65		16	
				BASE -	211	50		26				105		27
		30+00					11				48		13	
						50		19				81		24
		+50					9				40		13	
						50		17				61		25
		31+00					9				26		14	
				CARRIED FORWARD				2307				1516		1771
				COLUMN FOOTINGS										

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.	BASE AREA	BASE CU. YDS.
		SHOREHAM	MM 4.18	- MM	4.33									
			ESTIMATED EARTHWORKS											
		31+00					9				26		14	
				C -	309	50		17				24		26
		+50		F -	27		9				0		14	
				F. FAC -	1.15	820		273				0		425
		39+70		EX. C -	278		9				0		14	
				BASE -	468	30		19				3		17
		40+00					25				5		17	
		SHOREHAM	MM 4.33	- MM	4.37									
		40+00					25				5		17	
						50		70				44		31
		+50					51				42		17	
				C -	423	50		115				119		30
		41+00		F -	495		73				87		15	
				F. FAC -	1.15	46		147				221		26
		+46		EX. F -	146		99				173		15	
				BASE -	114	4		13				20		2
		+50					74				96		15	
						50		78				91		25
		42+00					10				2		12	
		SHOREHAM	MM 4.37	- MM	4.39									
			ESTIMATED EARTHWORKS											
		42+00		C -	81		10				2		12	
				F -	14	180		67				13		80
		43+80		F. FAC -	1.15		10				2		12	
				EX. C -	65	20		14				1		10
		44+00		BASE -	90		29				1		14	
		SHOREHAM	MM 4.39	- MM	4.52									
		44+00					29				1		14	
						50		47				8		26
		+50					22				8		14	
						50		43				19		26
		45+00					24		0		12		14	
						46		68		38		46		24
		+46					56		45		42		14	
						4		7		5		5		2
		+50		C -	1225		45		19		25		13	
				R -	648	50		122		65		42		25
		46+00		F -	431		87		51		20		14	
				F. FAC -	1.15	50		131		81		31		27
		+50		EX. C -	1050		55		37		13		15	
				BASE -	376	50		128		91		21		31
		47+00					83		61		10		18	
						30		95		66		13		19
		+30					88		58		13		16	
						20		64		44		9		12
		+50					86		60		10		16	
						50		148		101		19		30
		48+00					74		49		10		16	
						50		119		84		28		29
		+50					55		42		20		15	
						50		90		56		51		28
		49+00					42		18		35		15	
						50		66		17		58		28
		+50					29		0		28		15	
						50		44				52		26
		50+00					19				28		13	
						50		31				26		23
		+50					14				0		12	
						50		22				3		20
		51+00					10				3		10	
				CARRIED FORWARD				2038		648		967		1048
				COLUMN FOOTINGS										

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.	BASE AREA	BASE CU. YDS.
		SHOREHAM	MM 4.52	- MM	4.61									
			ESTIMATED EARTHWORKS											
		51+00		C -	353		10				3		10	
				F -	6	100		37				6		37
		52+00		F. FAC -	1.15		10				0		10	
				EX. C -	346	550		316						234
		57+50		BASE -	271		21						13	
		SHOREHAM	MM 4.61	- MM	4.74									
		57+50					21						13	
						50		49						26
		58+00					32						15	
						50		42						27
		+50					13						14	
						11		6						6
		+61		C -	175		16						14	
				F -	603	39		20						21
		59+00		F. FAC -	1.15		12						15	
				EX. F -	518	50		21						28
		+50		BASE -	169		11						15	
						50		19						30
		60+00					10						17	
						50		18						31
		+50					9						16	
		SHOREHAM	MM 4.74	- MM	4.91									
			ESTIMATED EARTHWORKS											
		60+50		C -	434		9						16	
				F -	511	1100		367						652
		71+50		F. FAC -	1.15		9						16	
				EX. F -	154	50		67						31
		72+00		BASE -	683		63						18	
		SHOREHAM	MM 4.91	- MM	5.00									
		72+00					63		0				18	
						50		126		53				33
		+50					73		57				18	
						50		143		117				32
		73+00		C -	676		81		69				17	
				R -	463	42		148		124				27
		+42		F -	191		109		90				18	
				F. FAC -	1.15	8		30		24				5
		+50		EX. C -	686		93		70				17	
				BASE -	158	50		139		105				30
		74+00					57		43				15	
						50		90		40				31
		+50					40		0				18	
		SHOREHAM	MM 5.00	- MM	5.49									
			ESTIMATED EARTHWORKS											
		74+50					40						18	
				C -	1169	50		48						33
		75+00		F -	43		12						18	
				F. FAC -	1.15	2400		1067						1600
		99+00		EX. C -	1120		12						18	
				BASE -	1709	100		54						76
		100+00					17						23	
				CARRIED FORWARD										
				COLUMN FOOTINGS				2807		463		1354		2990

PROJECT NAME SHOREHAM BRIDPORT ADDISON
PROJECT NUMBER F017-1(2)