EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GRADES						TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT		BASE	
V. C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V. C.	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.
		BRIDPORT	MM 3.85	- MM 4.34										
		201+00					17						16	
						50		33						30
		+50					19						16	
						50		34						29
		202+00					18						15	
						50		33						28
		+50					18						15	
						50		44						30
		203+00		C -	307		29						17	
				F -	2	50		47						31
		+50		F.FAC -	1.15		22						16	
				EX. C -	305	50		44						32
		204+00		BASE -	244		26						19	
						50		41						32
		+50					18				0		16	
						50		31				2		32
		205+00					16				2		19	
						55		35				2		37
		+55					18				0		17	
						45		37				3		30
		206+00					26				3		19	
						50		54				4		35
		+50					32				1		19	
						50		60				6		35
		207+00		C -	554		33				6		19	
				F -	56	50		56				10		32
		+50		F.FAC -	1.15		27				5		16	
				EX. C -	490	50		56				6		31
		208+00		BASE -	321		34				2		18	
						50		58				6		31
		+50					29				5		15	
						50		60				6		28
		209+00					36				1		15	
						50		70				5		31
		+50					40				4		18	
						50		68				8		31
		210+00					33				5		15	
						50		66				6		28
		+50					38				2		15	
						50		81				6		29
		211+00					50				5		16	
						50		103				10		30
		+50					61				6		16	
						50		109				7		29
		212+00					57				2		15	
						50		75				5		28
		+50		C -	655		24				3		15	
				F -	46	50		47				3		30
		213+00		F.FAC -	1.15		27				0		17	
				EX. C -	602	50		63				3		31
		+50		BASE -	289		41				3		16	
						50		58				3		29
		214+00					22				0		15	
						50		32						28
		+50					13				0		15	
						50		21				3		27
		215+00					10				3		14	
						50		22				5		28
		+50					14				2		16	
						50		30				2		31
		216+00					18				0		17	
						50		32				1		33
		+50					17				1		19	
						50		28				1		30
		217+00					13				0		13	
				CARRIED FORWARD				112				9		122
				COLUMN FOOTINGS				1628				113		976

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GRADES						TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT		BASE	
V. C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V. C.	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.
		217+00					13						13	
				C -	240	50		24						24
		+50		F -	192		13						13	
				F.FAC -	1.15	50		23						25
		218+00		EX C. -	19		12						14	
				BASE -	270	50		22						25
		+50					12				0		13	
						50		20				17		24
		219+00					10				18		13	
						50		19				89		25
		+50					10				78		14	
						50		20				77		25
		220+00					12				5		13	
						50		24				6		24
		+50					14				1		13	
						50		28				1		23
		221+00					16				0		12	
				C -	204	50		31				1		25
		+50		F -	9		18				1		15	
				F.FAC -	1.15	50		33				1		30
		222+00		EX. C -	194		18				0		17	
				BASE -	191	50		33						31
		+50					18						16	
						50		27						28
		223+00					11						14	
						50		28						30
		+50					19						18	
		EQ 223+50 = 21+52.5												
		21+52.5					19						18	
						47.5		37						31
		22+00					23						17	
						50		57						31
		+50					39						17	
						50		57						31
		23+00					23						16	
						50		56						31
		+50		C -	636		37						18	
				F -	54	50		71						32
		24+00		F.FAC -	1.15		40						17	
				EX. C -	574	50		77						31
		+50		BASE -	384		43						16	
						50		86						33
		25+00					50				0		20	
						50		63				9		37
		+50					18				10		20	
						50		39				16		43
		26+00					24				7		26	
						50		49				12		46
		+50					29				6		24	
						50		44				17		38
		27+00					19				12		17	
		BRIDPORT	MM 4.34	- MM	4.55									
		ESTIMATED EARTHWORKS												
		27+00 = 228+97.5												
				C -	811									
		228+97.5		F -	256		19				12		17	
				F.FAC -	1.15	1152.5		811				256		747
		240+50		EX. C -	517		19				0		18	
				B -	747									
				CARRIED FORWARD										
				COLUMN FOOTINGS				1779				502		1470

GRADES						TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT		BASE	
V. C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V. C.	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.
		240+50					19						18	
						50		32						35
		241+00					16						20	
						50		31						36
		+50					17						19	
						50		37						39
		242+50					23						23	
						50		39						40
		+50					19				0		20	
				C -	282	50		33				29		37
		243+00		F -	517		17				31		20	
				F.FAC -	1.15	50		31				48		35
		+50		EX. F -	313		17				21		18	
				BASE -	321	50		29				104		33
		244+00					14				91		18	
						50		26				150		34
		+50					14				71		19	
						50		24				186		32
		245+00					12				130		16	
						50		22				188		31
		+50					12				73		17	
						50		22				159		31
		246+00					12				99		17	
						50		23				169		31
		+50					13				83		17	
						50		26				87		33
		247+00		C -	328		15				11		19	
				F -	652	50		33				17		36
		+50		F.FAC -	1.15		21				7		20	
				EX. F -	422	50		44				13		42
		248+00		BASE -	356		26				7		25	
						50		44				6		44
		+50					22				0		22	
						50		39				1		38
		249+00					20				1		19	
						50		37				6		35
		+50					20				5		19	
						50		38				6		35
		250+00					21				1		19	
		BRIDPORT	MM 4.73	- MM	4.88									
		ESTIMATED EARTHWORKS												
				C -	593									
		250+00		F -	15		21				1		19	
				F.FAC -	1.15	800		593				15		533
		258+00		EX. C -	576		19				0		17	
				BASE -	533									
		BRIDPORT	MM 4.88	- MM	4.96									
		258+00					19				0		17	
						50		34				1		32
		+50					18				1		18	
						50		33				25		33
		259+00					18				26		18	
						50		30				48		31
		+50		C -	272		14				26		16	
				F -	431	50		28				88		30
		260+00		F.FAC -	1.15		16				69		16	
				EX. F -	224	50		31				70		30
		+50		BASE -	248		18				7		16	
						50		31				102		30
		261+00					16				103		16	
						50		40				96		31
		+50					27				1		17	
						50		45				1		31
		262+00					22				0		17	
				CARRIED FORWARD										
				COLUMN FOOTINGS				1475				1615		1458

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

SHEET 28 OF 420 SHEETS

SHEET 28 OF 477