EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GRADES V.C.	GRADES % 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.
		110+00	764.95											
		+27					BEGIN APPROACH CONSTRUCTION							
		+29	765.12											
		+33.09	765.15											
	+0.60274 %	+50	765.25				110				0			
		+70	765.37				END APPROACH CONSTRUCTION							
							BEGIN PROJECT RS 0311(1)							
						50		162				2		
X		+75	765.40	765.40	-0.00									
		111+00	765.55	765.54	-0.01		65				2			
						50		125				4		
		+50	765.85	765.72	-0.13		70				2			
200' VC														
X		+75	766.00	765.77	-0.23	50		153				2		
		112+00	765.92	765.79	-0.13		BCK 95				0			
							AHD145							
		+12.81	765.88	765.79	-0.09						0			
						50		238						
		+23.93	765.84	765.78	-0.06								C	1228
		+50	765.76	765.75	-0.01		BCK112				0		F	158
							AHD 77				0		F-FAC	1.15
		+73	765.68	765.68	-0.00								EXC	1046
						50		129				10		
X		+75	765.68	765.68	-0.00									
		113+00	765.60				62				11			
		+13	765.56			50		117				23		
		+50	765.44				64				14			
		+58	765.41			50		101				28		
	-0.3254 %													
		114+00	765.28				45				16			
		+31	765.18			50		99				38		
		+50	765.12				62				25			
		+58	765.09											
						50		104				51		
		+64	765.07											
		115+00	764.95				50				30			
X		+25	764.87	764.87	0.00	50		131				40		
		+50	764.79	764.83	+0.04		91				13			
		+77	764.71	764.87	+0.16									
						50		149				12		
		+78	764.70	764.86	+0.16									
		116+00	764.63	764.96	+0.33		70				0			
		+11	764.60	765.03	+0.43	50		106				23		
		+50	764.47	765.39	+0.92		44				25			
		+95	764.33	766.03	+1.70	50		77				142		
		117+00	764.31	766.11	+1.80		39				128			
													C	714
		+12	764.27	766.32	+2.05								F	529
						50		71				120	F-FAC	1.15
		+41	764.18	766.92	+2.74								EXC	106
		+50	764.15	767.12	+2.97		38				2			
		+85	764.04	768.01	+3.97	50		61				10		
		118+00	763.99	768.43	+4.44		28				9			
X		+25	763.91	769.19	+5.28									
		+43	765.12	769.79	+4.67	50		40				21		
	+6.7200 %	+50	765.59	770.03	+4.44		15				14			
						50		14				69		
		119+00	768.95	771.92	+2.97		0				60			
						50		8				71		
		+50	772.31	774.11	+1.80		9				17			
						50		57				21		
		120+00	775.67	776.59	+0.92		53				6			
		CARRIED FORWARD												
		COLUMN FOOTINGS						1942				687		

GRADES V.C.	GRADES % 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.
		120+00	775.67	776.59	+0.92		53				6			
		+09	776.27	777.06	+0.79	50		88				9		
		+50	779.03	779.36	+0.33		42				4			
		+53	779.23	779.54	+0.31	50		69				11		
	+6.7200 %	121+00	782.39	782.43	+0.04		33				8			
X		+25	784.07	784.07	+0.00	50		74				13		
		+50	785.75				47				6			
		+52	785.88			50		100				11	C	1238
													F	76
		122+00	789.11				61				6		F-FAC	1.15
		+26	790.86			50		151					EXC	1151
		+50	792.47				102				0			
						50		202						
		123+00	795.83				116				0			
		+14	796.77			50		187				3		
		+50	799.19				86				3			
						50		147				7		
		124+00	802.55				73				5			
						50		122				9		
		+50	805.91				59				5			
		+64	806.85			50		98				13		
		125+00	809.27				47				9			
						50		86				14		
		+50	812.63				46				6			
						50		76				15		
		126+00	815.99				36				10			
		+08	816.53			50		94				14		
		+50	819.35	819.35	-0.00		65				5			
						50		179				5		
		127+00	822.71	822.53	-0.18		128				0		C	4321
						50		274					F	48
		+50	826.07	825.34	-0.73		168						F-FAC	1.15
		+84	828.35	827.04	-1.31	50		423					EXC	4266
		128+00	829.43	827.78	-1.65		289							
						50		744						
		+50	832.79	829.86	-2.93		515							
						50		924						
		129+00	836.15	831.57	-4.58		483							
		+11	836.08	831.90	-4.18	50		850						
		+50	835.85	832.92	-2.93		435							
						50		671						
		130+00	835.55	833.90	-1.65		290							
						50		406						
		+50	835.25	834.52	-0.73		148				0			
						50		202				80		
	-0.6000 %	131+00	834.95	834.77	-0.18		70				86			
		+15	834.86	834.77	-0.09	50		93				200		
		+50	834.65	834.65	-0.00		30				130		C	878
						50		55				159	F	782
		132+00	834.35				29				42		F-FAC	1.15
						50		51				57	EXF	21
		+50	834.05				26				20			
						50		40				34		
		133+00	833.75				17				17			
		+45	833.48			50		21				44		
		+50	833.45				6				31			
						50		6				52		
		134+00	833.15	833.15	0.00		0				25			
		+21	833.02	833.05	+0.03	50		1				65		
		+50	832.85	833.00	+0.15		1				45			
		+69	832.74	833.03	+0.29	50		3				91		
		135+00	832.55	833.15	+0.60		2				53			
		CARRIED FORWARD												
		COLUMN FOOTINGS						6437				906		

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	-.6000%	135+00	832.55	833.15	+0.60		2				53			
300' VC						50		4				97		
X		+50	832.25	833.60	+1.35		2				52			
						50		2				119		
		136+00	833.75	834.35	+0.60		0				77			
						50						130		
		+50	835.25	835.40	+0.15		0				63			
	+3.0000 %	+83	836.24	836.26	+0.02	50		7				69		
		137+00	836.75	836.75	+0.00		8				11		F	497
						50		43				17	F-FAC	1.15
		+50	838.25	838.07	-0.18		38				7		EXC	271
						50		73				10		
		138+00	839.75	839.05	-0.70		41				4			
						50		158				4		
		+50	841.25	839.66	-1.59		130				0			
350' VC														
X		+75	842.00	839.84	-2.16	50		264				2		
		139+00	841.52	839.93	-1.59		155				2			
						50		218				5		
		+50	840.55	839.85	-0.70		80				3			
						50		74				44		
		140+00	839.59	839.41	-0.18		0				45			
						50						327		
X		+50	838.62	838.62	-0.00						308			
X		+75	838.14	838.14	+0.00	50		744						
		141+00	837.65	837.68	+0.03						495			
						50		1044						
		+50	836.69	836.94	+0.25						632			
	-1.9312 %	+67	836.36	836.73	+0.37	50		1446						
		142+00	835.72	836.41	+0.69						930		C	0
		+09.00	835.55	836.34	+0.79	50		1745					F	13011
		+50	834.76	836.11	+1.35						955		F-FAC	1.15
						50		1608					EXF	14963
		143+00	833.79	836.02	+2.23						782			
						50		1406						
		+50	832.83	836.16	+3.33						737			
						50		1522						
		144+00	831.86	836.50	+4.64						907			
						50		1620						
		+50	830.90	837.08	+6.18						843			
						50		1549						
850' VC		145+00	829.93	837.87	+7.94						830			
						50		1633						
		+50	832.70	838.88	+6.18						934			
						50		1709						
		146+00	835.47	840.11	+4.64						912			
						50		1659						
		+50	838.25	841.58	+3.33						880			
						50		1699						
		147+00	841.02	843.25	+2.23						955			
													C	0
	+5.5438 %	+37	843.07	844.62	+1.55	50		2025					F	16498
		+37.01	843.07	844.62	+1.55								F-FAC	1.15
		+50	843.79	845.14	+1.35						1232		EXF	18973
						50.04		2313						
		148+00	846.56	847.25	0.69									
		+00.04	846.56	847.25	+0.69						1264			
		+50	849.33	849.58	+0.25	50.07		2023						
		+50.11	849.34	849.59	+0.25						918			
		149+00	852.11	852.14	+0.03	50.09		1493						
		+00.20	852.12	852.15	+0.03						692			
X		+25	853.49	853.49	0.00									
						50.15		1146						
		+50	854.88											
		+50.35	854.90								542			
		150+00	857.65											
						50.19		798						
		+00.54	857.68								317			
		CARRIED FORWARD												
		COLUMN FOOTINGS						843				30006		

PROJECT NAME TROY
PROJECT NUMBER RS 0311(1)

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