EARTHWORKS

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.
	-0.5074 %	+99.59												
		185+00	840.34											
		+39.59	840.14			50						973		
		+40	840.13											
		+49.59	840.09				0				351			
		+50	840.08			50		23				369		
		+99.59	839.83				25				48			
		186+00	839.83			50.02		189				44		
		+49.61	839.58				179				0		C	9314
		+50	839.57			50.04		499					F	1386
		+99.65	839.32				360						FAC	1.15
		187+00	839.32			50.08		856					EXC	7720
		+49.73	839.07				563							
		+50	839.07			50.06		1427						
		+99.79	838.82				976							
		188+00	838.82			49.92		1887						
		+49.71	838.56				1065							
		+50	838.56			49.84		1840						
		+99.55	838.31				929							
		189+00	838.31			49.84		1526						
		+49.39	838.06				721							
		+50	838.05			49.98		1067						
		+99.37	837.80				431							
		190+00	837.80											
						50.01		607						
		+49.38	837.55				225							
		+50	837.55											
		+64.39	837.47			50.01		233						
		+65	837.47											
		+99.39	837.29				27				0			
		191+00	837.29											
	EQ. = -0.61	191+24.62=	837.17			50		25				82		
		191+25.23	837.17											
		+28	837.15										C	865
		+50	837.04				0				89		F	4376
						50						254	F-FAC	1.15
											185		EXF	4167
		192+00	836.87			50						412		
		+50	836.53								260			
						50						593		
		193+00	836.28								380			
						50						704		
		+50	836.02								380			
						50						728		
		194+00	835.77								406			
						50						819		
		+50	835.51								478			
						50						784		
		195+00	835.26								380			
						50						569		
		+50	835.01				0				235			
						50		50				312		
		196+00	834.75				54				102			
						50		213				94		
		+50	834.50				176		0		0			
		+57	834.46			50		288		6		26		
		197+00	834.25				135		6		28			
													C	1341
		+37	834.06			50		290		6		26	R	12
													F	1533
		+50	833.99	833.99	+0.00		178		0		0		R-FAC	.495
						50		265				5	F-FAC	1.15
		198+00	833.74	833.79	+0.05		108				5		EXF	416
						50		134				45		
		+50	833.49	833.68	+0.19		37				44			
						50		42				128		
		199+00	833.23	833.65	+0.42		8				94			
		+09	833.19	833.66	+0.47	50		14				179		
		+50	832.98	833.72	+0.74		7				99			
						50		45				149		
		200.00	832.72	833.88	+1.16		42				62			
		CARRIED FORWARD												
		COLUMN FOOTINGS						11520		12		7295		

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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.
600' VC	-0.5074 %	200.00	832.72	833.88	+1.16		42				62			
		+05	832.70	833.91	+1.21	50		56				110		
		+50	832.47	834.14	+1.67		19				57			
	+1.7167 %	+90.5	833.16	834.41	+1.25	50		35				230		
		201+00	833.33	834.49	+1.16		19				191			
						50		59				257		
		+50	834.18	834.92	+0.74		45		0		87		C	6778
						50		217		14		82	R	408
		202+00	835.04	835.46	+0.42		189		15		2		F	681
						50		606		48		2	R-FAC	.495
		+50	835.90	836.09	+0.19		465		37		0		F-FAC	1.15
						50		1129		187			EXC	6197
		203+00	836.76	836.81	+0.05		754		165					
						50		1466		156				
		+50	837.62	837.62	0.00		829		3					
						50		1352		3				
		204+00	838.48				631		0					
						50		1080						
		+07	838.60											
		+50	839.33				535							
						50		778						
		205+00	840.19				305				0			
						50		407				0		
		+50	841.05	841.05	0.00		135				0			
						50		199				19		
		206+00	841.91	841.87	-0.04		80				20			
						50		113				120		
200' VC		+50	842.77	842.60	-0.17		42				110			
						50		39				333		
		207+00	843.28	843.24	-0.04		0				250			
						50						554		
		+50	843.79	843.79	0.00						348		C	758
													F	4544
		+80	844.10			50						687	F-FAC	1.15
													EXF	4468
		208+00	844.30								394			
						50						739		
	+1.0210 %	+50	844.81								404			
						50						748		
		209+00	845.32								404			
						50						713		
		+50	845.83								366			
						50						631		
		210+00	846.34								315			
						50						549		
		+05	846.39											
		+50	846.85								278			
						50						599		
		211+00	847.36								369			
		+27				50						765		
													C	1815
		+50	847.88								457		R	32
						50						747	F	3627
		212+00	848.39								350		R-FAC	.495
												522	F-FAC	1.15
		+50	848.90								214		EXF	2340
		+70	849.10	849.10	0.00	50						303		
		213+00	849.41	849.37	-0.04		0				113			
						50		46				123		
		+50	849.92	849.63	-0.29		50				20			
						50		230				19		
		214+00	850.43	849.67	-0.76		198				0			
						50		560						
		+50	850.94	849.48	-1.46		407		0					
						50		979		32				
760' VC		215+00	851.45	849.06	-2.39		650		35					
		CARRIED FORWARD												
		COLUMN FOOTINGS						9351		440		8852		

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.
760' VC	-5.8369 %	215+00	851.45	849.06	-2.39		600		35					
		+42	855.02	848.54	-3.34	50		1322		35				
		+50	851.96	848.42	-3.54		828		3					
						50		1384		3				
		216+00	852.47	847.56	-4.91		667		0					
						50		1030						
		+50	852.98	846.46	-6.52		445						C	4628
						50		565					R	38
		217+00	850.06	845.15	-4.91		165				0		F	8735
						50		173				120	R-FAC	.495
		+50	847.14	843.60	-3.54		22				130		F-FAC	1.15
						50		85				393	EXF	5400
		218+00	844.22	841.83	-2.39		70				295			
						50		67				707		
		+50	841.31	839.85	-1.46		2			1704				
						50		2				1627		
		219+00	838.39	837.63	-0.76		0				1372			
						50						2807		
		+50	835.47	835.18	-0.29						1660			
						50						3004		
		220+00	832.55	832.51	-0.04						1584			
		+30	830.80	830.80	-0.00	50						2863		
		+50	829.63								1508			
		+75	828.17	828.17	+0.00	50						2790		
		221+00	826.71	826.74	+0.03						1505			
						50						2727		
		+50	823.80	824.11	+0.31						1440			
						50						2609		
		222+00	820.88	821.73	+0.85						1378			
													C	0
		+31	819.07	820.39	+1.33	50						2380	F	21169
													F-FAC	1.15
		+50	817.96	819.63	+1.67						1192		EXF	24344
						50						2131		
450' VC		223+00	815.04	817.80	+2.76						1110			
						50						1922		
		+50	814.58	816.25	+1.67						966			
						50						1568		
		224+00	814.11	814.96	+0.85						727			
		+13	813.99	814.67	+0.68	50						1224		
		+50	813.65	813.96	+0.31						595			
						50						955		
		225+00	813.18	813.21	+0.03						436			
	-0.9300 %	+25	812.95	812.95	0.00	50						658		
		+50	812.72	812.72	0.00						275			
		+82	812.42	812.38	-0.04	50						481		
		+84	812.40	812.35	-0.05									
		226+00	812.25	812.15	-0.10						244			
						50.03						435		
		+50	811.79	811.39	-0.40								C	0
		+50.03	811.79	811.39	-0.40						225		F	3451
		227+00	811.32	810.43	-0.89	50.01						359	F-FAC	1.15
		+00.04	811.32	810.43	-0.89						163		EXF	3969
		+50	810.86	809.27	-1.59	50.02						285		
		+50.06	810.86	809.27	-1.59						145			
		228+00	810.39	807.91	-2.48	50.02						290		
		+00.08	810.39	807.91	-2.48						168			
		+50	809.93	806.36	-3.57	50.03						346		
		+50.11	809.92	806.35	-3.57						205			
700' VC		229+00	809.46	804.60	-4.86	50.03						345		
	-6.4800 %	+00.14	809.45	804.60	-4.85						167			
		+50	806.22	802.65	-3.57	50.03						252		
		+50.17	806.21	802.65	-3.56						105			
		230+00	802.98	800.50	-2.48									
		CARRIED FORWARD												
		COLUMN FOOTINGS						4628		38		33355		

PROJECT NAME TROY
PROJECT NUMBER RS 0311(1)