

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT				TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT				TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT				SUMMARY AND BALANCES											
STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	STATION TO STATION	TOT EXC EARTH & ROCK	ROCK EXCAV	EMBANK	EXCESSES		ACUMMLATIVE EXCESSES	
km + m	m	m ²	m ³	m ²	m ³	m ²	m ³	m ²	m ³	km + m	m	m ²	m ³	m ²	m ³	m ²	m ³	m ²	m ³	km + m	m	m ²	m ³	m ²	m ³	m ²	m ³	km + m	km + m	m ³	m ³	CUT	FILL	CUT	FILL		
Vt 107										Drive 1																			9+996.00	10+178.908	1845.6	0.000	5324.700		4277.81		4277.81
9+980.00	20	0.34	48.8							0+007.5	2.5	0.000	0.000		3.85		9.6											10+217.808	10+400.00	1595.3	0.000	657.100	839.64			3438.17	
10+000.00	16	4.54	164.1							0+010.00	5	0.000	0.000		3.852	24.5		C.	10.0									20+010.00	20+100.00	135.2	0.000	2094.800		2273.82		5711.99	
10+016.00	4	15.97	72.3							0+015.00	5	0.000	0.000		5.959	19.8		R.	0.00																		
10+020.00	20	20.17	413.8							0+020.00	5	0.000	1.150		1.960	5.1		R.Fac.	0.495										0+010.00	0+030.00	10.0	0.000	59.200		58.08		5770.07
10+040.00	20	21.21	391.0							0+025.00	5	0.461			0.072			F.	59.2																		
10+060.00	20	17.89	304.2			0.00	3.4			0+030.00		3.073	8.830		0.000	0.2		F.Fac	1.15									Infiltration & Plunge	Trench Pool	491.5	0.000	0.000	491.50				
10+080.00	20	12.52	132.7			0.34	358.7											Ex F.	58.1																		
10+100.00	20	0.75	14.8			35.53	1026.7																														
10+120.00	20	0.73	32.7			67.14	1746.6																														
10+140.00	20	2.54	33.1			107.52	1721.8																														
10+160.00	10	0.77	43.7			64.66	408.7																														
10+170.00	5.858	7.97	107.1			17.07	55.8																														
10+175.858	3	28.60	87.2			1.98	3.0																														
10+178.908	3	28.60	87.2			0.00																															
END ROAD BRIDGE STARTS		END BRIDGE START ROAD																																			
10+217.808	3.050	18.58	56.7			2.04	42.9																														
10+220.858	9.142	4.90	8.1			7.35	9.9																														
10+230.00	2.7	1.12	6.9			0.00	113.3																														
10+232.70	7.3	0.76	7.6			31.04	400.7																														
10+240.00	20	0.00	60.8			9.03	90.3																														
10+260.00	20	6.08	179.4			0.00																															
10+280.00	20	11.86	143.8																																		
10+300.00	9.4	18.72	165.0																																		
10+309.40	10.6	12.42	147.6																																		
10+320.00	10	17.10	159.2																																		
10+330.00	10	14.73	77.2																																		
10+340.00	5	16.12	228.7																																		
10+345.00	15	14.37	161.1																																		
10+360.00	16	5.77	18.4																																		
10+376.00	4	3.41	35.4																																		
10+380.00	10	3.68	22.6																																		
10+390.00	10	0.83	9.7																																		
10+400.00	20	0.14																																			
10+420.00																																					
Stony Brook Road																																					
20+005.00	5	0.000	0.0			84.303	718.2																														
20+010.00	10	0.000	0.0			59.341	535.7																														
20+020.00	10	0.000	0.0			47.808	388.0																														
20+030.00	10	1.180	29.798			244.0	2094.8																														
20+040.00	10	2.186	18.998			137.1	2273.8																														
20+050.00	10	1.532	8.427			56.9																															
20+060.00	10	1.088	2.953			14.8																															
20+070.00	10	2.581	0.007			0.005																															
20+080.00	10	3.171	0.003																																		
20+090.00	10	3.560																																			
20+100.00																																					

REMARKS

EARTH AND ROCK EXCAVATION		4078
SOLID ROCK EXCAVATION		
EARTH EXCAVATION		4078
PLANIMETERED FILL		8136
LESS FACTORED SOLID ROCK		
LESS DISPLACEMENT OF ANY LARGE STRUCTURES		
NET PLANIMETERED FILL		8136
FACTOR		1.15
PLANIMETERED FILL INCLUDING FACTOR		9356
MATERIALS AVAILABLE FOR FILLS		
EARTH EXCAVATION		4078
UNCLASSIFIED CHANNEL EXCAVATION (510)(.30)		152
UNDER DRAIN EXCAVATION (120)(.90)		146
STRUCTURE EXCAVATION		