EARTHWORK SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	COOR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENTS AREA	EMBANKMENTS CU. YDS.	
1000' V.C.	+5.0282%					50		500.0		0		153.7	
		260+47.55	168.27	168.17	-.10		265.0		0		30.0		
						50		500.9		0		60.2	
		260+97.55	170.79	170.44	-.35		276.0		0		35.0		
						50		398.5		31.9		73.1	
		261+47.55	173.30	172.57	-.73		154.4		34.5		44.0		
						50		463.9		106.3		56.5	
		261+97.55	175.82	174.57	-1.25		346.6		80.3		17.0		C 7,150.8
						50		667.5		149.9		15.7	R 1,431.6
		262+47.55	178.33	176.42	-1.91		374.3		81.6		0		F 359.3
						50		718.1		144.5		0	
		262+97.55	180.84	178.14	-2.70		401.2		74.8		0		FAC 1.15
						50		600.6		189.9		0	
		263+47.54	183.36	179.72	-3.64		463.4		130.3		0		EXC 5,306.1
						50		842.9		201.8		0	
		263+97.53	185.87	181.16	-4.71		446.9		87.6		0		
						50		888.0		185.8		0	
		264+47.52	188.39	182.46	-5.93		512.1		113.1		0		
						50		1370.6		421.1		0	
		264+85.00	190.27	183.35	-6.92								
		264+97.52	190.21	183.63	-6.58		968.1		341.7		0		
						50		4287.4		2704.9		0	
		265+47.51	189.95	184.66	-5.29		3662.3		2579.6		0		
						50		5782.0		4120.4		0	
		265+97.53	189.70	185.54	-4.16		2582.3		1870.4		0		
						50		4520.6		3246.6		1.4	
		266+47.53	189.45	186.29	-3.16		2299.9		1635.9		1.5		
						50		3918.8		2908.7		1.9	
		266+97.53	189.19	186.90	-2.29		1932.4		1505.5		0.5		
						50		3137.8		2423.7		0.5	
		267+47.55	188.94	187.38	-1.56		1456.4		1112.1		0		C 3,3420.1
						50		2899.5		2294.9		0	R 2,4674.9
		267+97.56	188.68	187.71	-.97		1675.1		1366.4		0		F 127.3
						50		2881.9		2388.7		25.6	
		268+47.58	188.43	187.91	-.52		1437.3		1213.4		27.7		FAC 1.15
						50		2576.1		2193.1		40.6	
		268+97.60	188.18	187.96	-.22		1344.9		1155.2		16.1		EXC 8,598.8
						50		2088.9		1731.8		26.1	
		269+47.62	187.92	187.88	-.04		911.1		715.1		12.1		
	-0.5075%					50		1327.1		662.1		31.3	
		269+85	187.73	187.73	0								
		269+97.64	187.67				522.2		0		21.7		
						50		797.0		0.0		37.8	
		270+47.67	187.41				338.6		0.0		19.1		
						50		599.4		0.0		52.9	
		270+97.70	187.16				308.7		0.0		38.0		
						50		538.1		0.0		78.6	
		271+47.80	186.91				272.5		0.0		46.9		
						50		514.1		0.0		96.3	
		271+97.80	186.65				282.7		0.0		57.1		
						50		533.0		0.0		88.2	C 5,305.1
		272+47.80	186.40				292.9		0.0		38.2		R 0
						50		541.0		0.0		81.2	
		272+97.80	186.15				291.4		0.0		49.5		F 750.4
						50		548.6		0.0		82.5	
		273+47.80	185.89				301.1		0.0		39.6		FAC 1.15
						50		553.3		0.0		82.0	
		273+97.80	185.64				296.5		0.0		49.0		EXC 4,945.1
						50		578.9		0.0		79.2	
		274+47.81	185.38				328.7		0.0		36.5		
						50		604.6		0.0		71.7	
		274+97.80	185.13				324.3		0.0		40.9		
		CARRIED FORWARD					324.3		0.0		40.9		
		COLUMN FOOTINGS						46,379.0		26,106.5		1,237.0	

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	COOR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENTS AREA	EMBANKMENTS CU. YDS.	
400' V.C.	-0.5075%					50		618.0		0		51.9	
		275+47.81	184.88				343.1		0		15.2		
						50		612.9		0		33.1	
		275+97.81	184.62				318.8		0		20.5		
						50		620.6		0		23.5	
		276+47.81	184.37				351.5		0		4.9		
						50		660.9		0		18.5	
		276+97.80	184.12	184.12	0		362.3		0		15.4		C 7,060.3
						50		684.4		0		34.9	R 0
		277+47.81	183.86	183.81	-.05		376.9		0		22.3		F 202.4
						50		711.1		0		27.5	
		277+97.81	183.61	183.39	-.22		391.1		0		7.4		FAC 1.15
						50		737.3		0		6.9	
		278+47.81	183.35	182.86	-.51		405.2		0		0.0		EXC 6,827.5
						50		743.0		0		0.1	
		278+97.80	183.10	182.23	-.87		397.2		0		0.1		
						50		767.6		0		0.1	
		279+47.81	181.97	181.48	-.49		431.2		0		0.0		
						50		904.4		0		5.6	
		279+97.81	180.85	180.63	-1.22		545.0		0		6.1		
						50		1049.7		0		11.0	
		280+47.81	179.72	179.67	-.05		588.7		0		5.8		
						50		1091.1		0		7.0	
		280+97.80	178.60	178.60	0		589.7		0		1.7		
						50		1125.3		0		2.4	
		281+47.81	177.47	177.58	+.11		625.6		0		0.5		C 11,458.3
						50		1134.4		0		13.4	
		281+97.80	176.35	176.75	+.40		599.6		0		13.7		R 0
						50		1140.1		0		16.0	
		282+47.81	176.03	176.13	+.10		631.7		0		3.6		F 58.6
						50		1307.6		0		3.6	
		282+97.80	175.71	175.71	0		780.5		0		0.3		FAC 1.15
						50		1323.7		0		1.1	
		283+47.80	175.39				649.1		0		0.9		EXC 11,421.0
						50		1214.8		0		0.8	
		283+97.80	175.07				662.9		0		0.0		
						50		1118.0		0		1.3	
		284+47.80	174.75				544.5		0		1.4		
						50		983.8		0		1.9	
		284+97.80	174.43				517.8		0		0.7		
						50		941.9		0		2.3	
		285+47.80	174.11				499.5		0		1.5		
						50		970.8		0		1.7	
		285+97.80	173.79				549.0		0		0.0		
						50		973.0		0		3.2	
		286+47.80	173.47				501.8		0		3.5		C 9,293.4
						50		903.4		0		5.6	
		286+97.80	173.15				473.9		0		2.5		R 0
						50		809.6		0		6.9	
	-0.6402%	287+47.80	172.83				400.5		0		7.1		F 77.3
						50		794.1		0		7.0	
		287+97.80	172.51				457.1		0		0.5		FAC 1.15
						50		778.3		0		5.6	
		288+47.80	172.19				383.5		0		5.6		EXC 9,204.6
						50		798.3		0		5.9	
		288+97.80	171.87				478.7		0		0.8		
						50		1131.6		0		18.9	
		289+47.80	171.55				743.5		0		17.4		
						50		1192.3		0		20.1	
		289+97.80	171.23				544.2		0		4.3		
		CARRIED FORWARD					544.2		0.0		4.3		
		COLUMN FOOTINGS						27,842.0		0.0		338.3	

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	COOR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENTS AREA	EMBANKMENTS CU. YDS.	
400' V.C.	-0.6402%					50		907.6		0		12.7	
		290+47.80	171.91				436.0		0		9.4		
						50		754.4		0		46.7	
		290+97.80	170.59				375.8		0		43.2		
						50		712.2		0		103.9	
		291+47.80	170.27				390.4		0		69.0		
						50		734.9		0		152.2	
		291+97.80	169.95				403.3		0		95.4		C 8,585.6
		292+42.80	169.66	169.66	0	50		757.4		0		217.9	R 0
		292+47.80	169.63	169.63	0		414.7		0		139.9		F 522.1
						50		800.3		0		198.3	
		292+97.80	169.31	169.35	+.04		450.2		0		72.1		FAC 1.15
						50		873.1		0		76.6	
		293+47.80	168.99	169.15	+.16		492.7		0		10.6		EXC 7,640.1
						50		977.3		0		10.6	
		293+97.80	168.67	169.01	+.34		563.3		0		0.9		
		294+42.80	168.38	168.95	+.57	50		1045.2		0		1.4	
		294+47.80	168.40	168.95	+.55		565.5		0		0.6		
						50		1022.1		0		1.9	
		294+97.80	168.65	168.95	+.30		538.4		0		1.4		
						50		990.3		0		4.0	
		295+47.80	168.90	169.03	+.13		531.1		0		2.9		
						50		980.3		0		3.1	
		295+97.80	169.15	169.18	+.03		527.6		0		0.5		
		296+42.80	169.38	169.38	0	50		970.6		0		1.8	C 9,167.5
		296+47.80	169.40				520.6		0		1.4		R 0
						50		964.3		0		3.1	
		296+97.80	169.65				520.8		0		1.9		F 82.0
						50		976.9		0		6.6	
		297+47.80	169.90				534.3		0		5.2		FAC 1.15
						50		939.0		0		5.3	
		297+97.80	170.15				479.8		0		0.5		EXC 9,073.2
						50		890.7		0		1.1	
	+0.4993%	298+47.80	170.40				482.2		0		0.7		
						50		815.9		0		27.4	
		298+97.80	170.65				399.0		0		28.9		
						50		777.9		0		28.1	
		299+47.80	170.90				441.1		0		1.5		
						50		861.7		0		1.6	
		299+97.80	171.15				489.5		0		0.2		
						50		846.3		0		16.6	
		300+47.80	171.40				424.5		0		17.7		
						50		796.6		0		48.3	
200' V.C.		300+97.80	171.65	171.65	0		435.8		0		34.5		
						50		832.0		0		57.2	
		301+47.80	171.90	171.77	-.13		462.8		0		27.3		C 9,813.6
						50		829.4		0		39.2	R 0
		301+97.80	172.15	171.64	-.51		432.9		0		15.0		F 178.3
						50		857.3		0		14.4	
		302+47.80	171.38	171.25	-.13		493.0		0		0.5		FAC 1.15
						50		957.1		0		0.9	
		302+97.80	170.60	170.60	0		540.7		0		0.5		EXC 9,605.5
						50		1037.5		0		1.1	
	-1.5472%	303+47.80	169.83				579.8		0		0.7		
						50		1112.7		0		0.6	
		303+97.80	169.06				621.9		0		0		
		304+04.80	168.95	168.95	0	50		1179.9		0		0	
200' V.C.		304+47.80	168.28	168.32	+.04		652.4		0		0		
						50		1364.5		0		0	
		304+97.80	167.51	167.67	+.16		521.6		0		0		
		305+04.80	167.40	167.59	+.19	50				0		0	
		CARRIED FORWARD					621.6		0.0		0.0		
		COLUMN FOOTINGS						27,566.7		0.0		1,082.4	

PROJECT NAME: U.S. ROUTE 7: SHELBURNE ROAD (F.A.P.)
PROJECT NUMBER: NH-EGC-019-4(27)

EARTHWORK DRAWING NO. 1