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.
	MATCH EXISTING GRADE	371+97.81	--				0		0		0	
						50		36.9		0		0.9
		372+47.79	194.97				39.8		0		1.0	
						50		81.5		0		0.9
		372+97.77	194.27				42.8		0		0	
						50		94.7		0		0
		373+47.74	193.60				54.1		0		0	
						50		124.0		0		1.9
		373+97.72	192.74				79.8		0		2.1	
						50		134.9		0		19.2
		374+47.70	191.81				65.9		0		18.6	
		374+70.00	191.68			50		243.6		0		47.1
	-2.4560%	374+97.68	191.00				197.2		0		32.3	
						50		450.8		0		74.3
		375+47.66	189.77				289.7		0		47.9	
						50		453.2		0		146.0
		375+97.64	188.55				199.8		0		109.8	
		376+20.00	188.00			50		518.2		0		151.7
		376+46.5	187.30									
		376+47.62	187.27				359.9		0		54.0	
		376+91.5	186.12			50		687.2		0		70.3
		376+97.60	185.96				382.3		0		21.9	
						50		657.7		0		31.8
		377+47.58	184.64				328.0		0		12.4	
		377+83	183.71			50		612.4		0		14.4
		377+97.58	183.33				333.4		0		3.2	
		378+12	182.95			50		576.4		0		39.5
		378+47.58	182.01				289.1		0		39.5	
			181.61									
		378+72.58	181.35	181.35	0	50		546.6	0	0		74.6
		378+71.9		181.29	0							
		378+97.58	180.70	180.70	0		301.2		0		41.1	
		379+08	180.43	180.35	+0.02	50		669.8		0		40.4
		379+56	179.66	179.75	+0.09	50		670.2		0		27.2
		379+97.58	178.06	178.25	+.19		301.6		0		26.9	
	-2.6317%	380+34	177.10	177.42	+0.32	50		640.2		0		24.9
		380+37.89	177.26	177.56	+.30							
	400' V.C.	CARRIED FORWARD						640.2		0		24.9
		COLUMN FOOTINGS						6,558.2		0		740.3

C 715.6
R 0
F 70.1
FAC 1.15
EXC 634.9

C 5,842.6
R 0
F 670.2
FAC 1.15
EXC 5,071.9

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.		380+47.58	176.75	177.12	+.37		389.8		0		0	
		380+68	176.71	176.68	+.47							
		380+72.58	176.09	176.59	+.49	50		655.1		0		7.2
		380+89	175.90	176.34	+.44							
		380+97.58	175.68	176.05	+.37		317.7		0		7.8	
		381+13	175.34	175.83	+.29	50		631.4		0		7.2
		~~381+22~~	~~175.11~~	~~175.86~~	~~+0.24~~							
		381+47.58	174.85	175.04	+.19		364.2		0		0.0	
		381+71	174.46	174.59	+0.13	50		669.3		0		1.5
		381+97.58	174.02	174.09	+.07		358.6		0		1.6	
		381+28.18		175.12	125.43	+.26	50		668.5		0		2.2
		382+47.58	173.20	173.20	0		363.4		0		0.8	
		382+53	173.11	173.11	)							
		382+72.58	172.78	172.78	0	50		654.5		0		3.6
		382+91	172.48									
		382+97.58	172.37				343.5		0		3.1	
		383+12	172.13			50		712.0		0		2.9
		383+47.58	171.54				425.5		0		0	
						50		710.8		0		0.6
		383+97.58	170.72				342.2		0		0.6	
						50		682.1		0		1.8
		384+47.58	169.89				394.5		0		1.3	
	-1.6530%	384+70.7	169.43			50		708.1		0		1.2
		384+97.58	169.06				370.3		0		0.0	
						50		612.3		0		1.8
		385+47.58	168.24				291.0		0		1.9	
						50		487.3		0		129.4
		385+97.58	167.41				235.3		0		137.9	
						50		449.2		0		226.9
		386+47.58	166.59	166.59	0		249.8		0		107.2	
		386+94	165.82	165.83	+.01	50		471.6		0		203.8
		386+97.58	165.76	165.77	+.01		259.5		0		112.9	
		387+18.87	165.49	165.52	+.03	50		489.0		0		199.7
		~~387+32.54~~	165.18	165.30	+.08							
		387+47.58	164.93	164.99	+.06		268.6		0		102.8	
		387+94.36	164.16	164.28	+0.12	50		494.0		0		188.6
		387+97.58	164.11	164.24	+.13		264.9		0		100.9	
		388+18.18	163.84	164.00	+0.16	50		494.2		0		170.9
		388+34	163.51	163.71	+0.20							
		388+47.58	163.28	163.51	+.23		268.8		0		83.7	
						50		510.7		0		148.3
		388+97.58	162.45	162.81	+.36		282.8		0		76.5	
						50		534.4		0		143.9
		389+47.58	161.63	162.14	+.51		294.4		0		78.9	
						50		498.9		0		137.3
		389+97.58	160.80	161.51	+.71		244.4		0		69.4	
						50		473.1		0		165.0
		390+47.58	159.97	160.90	+.93		266.6		0		108.8	
						50		481.8		0		737.4
		390+97.58	159.15	160.31	+1.16		253.7		0		687.6	
		391+23.3	158.72	160.02	+1.30	50		459.4		0		1199.4
		391+47.58	158.32	159.76	+1.44		242.5		0		607.8	
						50		507.8		0		624.5
		391+97.58	158.07	159.24	+1.17		305.9		0		66.7	
						50		604.2		0		95.5
		392+47.58	157.82	158.74	+.92		346.6		0		36.4	
						50		665.9		0		64.6
		392+97.58	157.57	158.28	+.71		372.6		0		33.4	
						50		713.9		0		47.3
		393+47.58	157.32	157.84	+.52		398.4		0		17.7	
		393+94	157.09	157.46	+.37	50		736.9		0		39.1
		393+97.58	157.07	157.43	+.36		397.4		0		24.5	
		394+18.87	156.89	157.30	+.37	50		760.5		0		39.9
		394+33.28	156.89	157.15	+.26							
		394+47.58	156.82	157.05	+.23		424.0		0		18.6	
		394+94.36	156.59	156.73	+.14	50		727.4		0		34.3
		394+97.58	156.57	156.70	+.13		361.6		0		18.4	
		395+18.18	156.49	156.59	+.10							
		395+39	156.59	156.46	+.07							
	1000' V.C.	CARRIED FORWARD						0		0		0
		COLUMN FOOTINGS						17,904.6		0		4,650.8

C 6,732.1
R 0
F 53.1
FAC 1.15
EXC 6,671.1

C 6,130.9
R 0
F 3,047.0
FAC 1.15
EXC 2,626.8

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.		394+97.58	156.57	156.70	+.13		361.6		0		18.4	
						50		710.7		0		26.4
		395+47.58	156.32	156.38	+.06		406.0		0		10.1	
						50		793.1		0		35.7
		395+97.58	156.07	156.08	+.01		450.6		0		28.5	
						50		756.5		0		90.6
		396+47.58	155.82	155.82	0		366.4		0		69.4	
						50		879.6		0		111.6
		396+97.58	155.57				583.6		0		51.1	
						50		1032.3		0		147.3
		397+47.58	155.32				531.3		0		108.0	
						50		768.4		0		360.3
		397+97.58	155.07				298.6		0		281.1	
						50		550.6		0		695.3
		398+47.58	154.82				296.0		0		469.8	
						50		630.0		0		480.8
		398+97.58	154.57				384.4		0		49.5	
						50		773.8		0		48.1
		399+47.58	154.32				451.3		0		2.5	
						50		805.8		0		24.8
		399+97.58	154.07				419.0		0		24.3	
						50		799.9		0		40.2
		400+47.58	153.82				444.9		0		19.1	
						50		809.4		0		31.8
		400+97.58	153.57				429.3		0		15.2	
						50		795.0		0		22.6
		401+47.58	153.32				429.3		0		9.2	
		~~401+49.20~~	~~153.31~~									
		~~401+68.82~~	~~153.21~~			50		798.1		0		19.6
		~~401+82.65~~	~~153.11~~									
		401+97.58	153.07				432.7		0		12.0	
						50		831.3		0		12.8
		402+47.58	152.82				465.1		0		1.8	
		~~402+49.20~~	~~152.81~~									
		~~402+69.13~~	~~152.71~~			50		864.9		0		2.8
		~~402+80~~	~~152.67~~									
		402+97.58	152.57				469.0		0		1.2	
						50		863.5		0		14.2
		403+47.58	152.32				463.6		0		14.1	
						50		863.9		0		24.7
		403+97.58	152.07				469.4		0		12.6	
						50		883.4		0		21.9
		404+47.58	151.82				484.7		0		11.0	
						50		911.6		0		32.6
		404+97.58	151.57				499.8		0		24.2	
						50		956.8		0		47.5
		405+47.58	151.32				533.5		0		27.1	
						50		1114.6		0		25.1
		405+97.58	151.07				670.3		0		0	
						50		1211.7		0		1.9
		406+47.58	150.82				638.3		0		2.1	
						50		1211.7		0		2.6
		406+97.58	150.57	150.57	0		670.3		0		0.7	
						50		1241.2		0		0.6
		407+47.58	150.32	150.41	+.09		670.2		0		0.0	
						50		1252.3		0		0.8
		407+97.58	150.07	150.41	+.34		682.3		0		0.9	
						50		1249.2		0		0.8
		408+47.58	150.51	150.60	+.09		666.8		0		0.0	
						50		1314.6		0		0.0
		408+97.58	150.95	150.95	0		753.0		0		0.0	
						50		1293.3		0		0.0
		409+47.58	151.39				643.8		0		0.0	
		409+80	151.67			50		1116.3		0		0.9
		409+97.58	151.83				561.8		0		1.0	
						50		1026.8		0		1.4
	+0.8783%	CARRIED FORWARD						1026.8		0		1.4
	200' V.C.	COLUMN FOOTINGS						28,083.7		0		2,324.5

C 7,700.9
R 0
F 2,021.0
FAC 1.15
EXC 5,376.8

C 8,421.1
R 0
F 223.1
FAC 1.15
EXC 8,164.6

C 11,961.7
R 0
F 80.4
FAC 1.15
EXC 11,869.2

PROJECT NAME: U.S. ROUTE 7: SHELBURNE ROAD (F.A.P.)
PROJECT NUMBER: NH-EGC-019-4 (28)
4/4/03

EARTHWORK DRAWING NO. 1
SHEET 51 OF 283 SHEETS