EARTHWORK SHEET

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

V.C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON V CURVES	CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	AREA	CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.	BASE AREA	BASE CU. YDS.
		MAINLINE												
		433+00	390.75								0			
						50							C	0
		+50	391.74								0		R	0
						50						764	FAC	1.3
		434+00	392.72								825		F	12666
						50						4918	FAC	1.15
		+50	393.70								4486		EXF	14566
						50						6984		
		435+00	394.69								3057			
						50						6061		
		+50	395.68								3489			
						50						7087		
		436+00	396.66								4165			
						50						9378	C	0
		+50	397.64								5963		R	0
						50						8184	FAC	1.3
		437+00	398.63								2876		F	36337
						50						2845	FAC	1.15
		+50	399.62								197		EXF	41788
						50						182		
		438+00	400.60								0			
						50								
		+50	401.58								0			
						50								
		439+00	402.57								0			
						50						756		
		+50	403.56								816			
						50						1844		
	+1.97%	440+00	404.54								1175			
						50						16786		
		+50	405.52								9850			
						50						18168		
		441+00	406.51								9771			
						50						17746		
		+50	407.50								9395			
						50						15190		
		442+00	408.48								7010			
						50						9565	C	140
		+50	409.46								3320		R	0
						50						5829	FAC	1.3
		443+00	410.45	410.45	0.00						2975		F	12391
						50						5509	FAC	1.15
		+50	411.44	411.48	0.04		0				2975		EXF	14236
						50		26				9903		
		444+00	412.42	412.60	0.18		28				7720			
						50		58				13536		
		+50	413.41	413.79	0.38		35				6899			
						50		56				11682		
		445+00	414.39	415.07	0.68		25				5718			

FINAL QUANTITIES ARE
SHOWN ON THE
SUMMARY SHEETS.

CARRIED FORWARD		0		0		0	
COLUMN FOOTINGS		140		0		172917	

V.C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON V CURVES	CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	AREA	CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.	BASE AREA	BASE CU. YDS.
		MAINLINE												
	600' V.C. K=296	445+00	414.39	415.07	0.68		25				5718			
						50		45				9782		
		+50	415.38	416.43	1.05		24				4847			
						50		71				8567		
		446+00	416.39	417.88	1.49		53				4405			
						50		159				6097		
		+50	418.36	419.42	1.06		119				2180			
						50		144				2380		
		447+00	420.36	421.04	0.68		36				390			
						50		1731				361	C	48329
		+50	422.36	422.74	0.38		1834		0		0		R	42228
						50		5350		2602			FAC	1.3
		448+00	424.36	424.53	0.17		3944		2810				F	27187
						50		7137		6087			FAC	1.15
		+50	426.36	426.40	0.04		3764		3764				EXC	29732
						50		8225		8225				
		449+00	428.36	428.36	0.00		5119		5119					
						50		10995		10995				
		+50	430.36				6756		6756					
						50		14472		14319				
		450+00	432.36				8874		8709					
						50		19746		19594				
		+50	434.36				12452		12452					
						50		23909		23909				
		451+00	436.36				13370		13370					
						50		24210		24210				
		+50	438.36				12777		12777					
						50		22914		22388				
		452+00	440.36				11970		11402					
						50		21937		20312			C	202462
		+50	442.36				11722		10535				R	191487
						50		20447		19282			FAC	1.3
		453+00	444.36				10361		10290				F	0
						50		18454		17898			FAC	1.15
		+50	446.36				9569		9040				EXC	259906
						50		17341		15639				
		454+00	448.36				9159		7850					
						50		16894		14231				
		+50	450.36				9086		7520					
						50		16610		14024				
		455+00	452.36				8853		7626					
						50		16153		13869				
		+50	454.36				8592		7353					
						50		16360		13517				
		456+00	456.36				9077		7245					
						50		16181		13583				
		+50	458.36				8398		7425					
						50		15228		12954				
		457+00	460.36				8048		6565					
						50		14078		11132			C	133434
		+50	462.36				7156		5458				R	107843
						50		12506		9216			FAC	1.3
		458+00	464.36				6350		4495				F	0
						50		11741		8085			FAC	1.15
		+50	466.36				6330		4237				EXC	165787
						50		11424		8444				
		459+00	468.36				6008		4883					
		+20	469.16	469.16	0.00	50		10401		8757				
		+50	470.36	470.35	-0.01		5225		4575					
						50		9362		8286				
		460+00	472.36	472.27	-0.09		4886		4374					
						50		8862		8022				
		+50	474.36	474.13	-0.23		4685		4290					
						50		8530		6931				
		461+00	476.36	475.92	-0.44		4527		3196					
						50		9433		3849				
		+50	478.36	477.64	-0.72		5661		961					
						50		9101		2237				
		462+00	480.36	479.29	-1.07		4168		1455					
						50		6295		3463				
		+50	482.36	480.87	-1.49		2631		2285					
						50		4577		3801				
		463+00	484.36	482.38	-1.98		2312		1820				C	66023
						50		4172		3454			R	45327
		+50	486.36	483.83	-2.53		2194		1910				FAC	1.3
						50		4496		3913			F	0
		464+00	488.36	485.21	-3.15		2662		2316				FAC	1.15
						50		5112		4644			EXC	79621
		+50	490.36	486.52	-3.84		2859		2699					
						50		5445		5013				
		465+00	492.36	487.76	-4.60		3022		2715					

CARRIED FORWARD		0		0		0	
COLUMN FOOTINGS		450248		386885		27187	

V.C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON V CURVES	CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	AREA	CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.	BASE AREA	BASE CU. YDS.
		MAINLINE												
		465+00	492.36	487.76	-4.60		3022		2715					
		+20	493.16	488.24	-4.92	50		5605		4580				
		+50	493.38	488.93	-4.45		3031		2231					
						50		5881		4061				
		466+00	493.73	490.03	-3.70		3320		2155					
						50		7009		4810				
		+50	494.09	491.07	-3.02		4250		3040					
						50		8161		6213				
		467+00	494.45	492.04	-2.41		4564		3670					
						50		8725		6852			C	81636
		+50	494.81	492.94	-1.87		4859		3730				R	63199
						50		8794		6773			FAC	1.3
		468+00	495.17	493.77	-1.40		4638		3585				F	0
						50		8873		7898			FAC	1.15
		+50	495.53	494.53	-1.00		4945		4945				EXC	100596
						50		9887		8417				
		469+00	495.88	495.22	-0.66		5733		4145					
						50		9925		7264				
		+50	496.24	495.85	-0.39		4986		3700					
						50		8776		6331				
		470+00	496.60	496.40	-0.20		4492		3137					
						50		7672		5177				
		+50	496.96	496.89	-0.07		3794		2454					
						50		7446		2340				
		471+00	497.32	497.31	-0.01		4248		73					
		+20	497.46	497.46	0.00	50		7654		669				
		+50	497.68				4018		650					
						50		6728		1245				
		472+00	498.04				3248		695					
						50		6044		1273			C	58932
		+50	498.39				3280		680				R	21344
						50		5852		1718			FAC	1.3
		473+00	498.75				3040		1175				F	0
						50		5067		2630			FAC	1.15
		+50	499.11				2432		1665				EXC	65335
						50		4231		2771				
		474+00	499.47				2138		1328					
						50		4049		1984				
		+50	499.83				2235		815					
						50		4189		1537				
		475+00	500.19				2289		845					
						50		4426		3089				
		+50	500.55				2491		2491					
						50		5127		5127				
		476+00	500.90				3046		3046					
						50		6229		6229				
		+50	501.26				3681		3681					
						50		7400		7400				
		477+00	501.62				4311		4311					
						50		7182		7182			C	54350
		+50	501.98				3446		3446				R	47761
						50		6014		5728			FAC	1.3
		478+00	502.34				3049		2740				F	0
						50		5352		4676			FAC	1.15
		+50	502.70				2731		2310				EXC	68678
						50		4681		4012				
		479+00	503.05				2324		2023					
						50		4213		2827				
		+50	503.41				2226		1030					
						50		3726		1491				
		480+00	503.77				1798		580					
						50		2981		1206				
		+50	504.13				1422		723					
						50		2406		744				
		481+00	504.49				1177		80		0			
						50		1545		74		70		
		+50	504.85				492		0		76			
						50		652				556		
		482+00	505.21				212		0		524			
						50		352		19		1012	C	8455
		+50	505.56				168		21		569		R	2062
						50		251		19		1211	FAC	1.3
		483+00	505.92				103		0		739		F	20577
						50		123				2319	FAC	1.15
		+50	506.28				30				1766		EXF	14584
						50		54				4116		
		484+00	506.64				28				2679			
						50		46				5622		
		+50	507.00				22				3393			
						50		45				5666		
		485+00	507.36				27				2726			
						50		48				5518		
		+50	507.72				25				3233			
						50		53				6694		
		486+00	508.07				32				3996			
		+20	508.22	508.22	0.00	50		69				7551		
		+50	508.43	508.42	-0.01		43				4159			
						50		74				8051		
		487+00	508.79	508.71	-0.08		37				4536			

BUILT AS DESIGNED 4/13/94	CARRIED FORWARD		244		0		27814
	COLUMN FOOTINGS		203617		134366		48386

PROJECT WILLISTON-COLCHESTER

PROJECT NO. PB 033-1(2)

SHEET 14 OF 480 SHEETS