EARTHWORK SHEET

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	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.
		RAMP B	ROUTE 2A											
			BEGIN SPLINE	GRADIENT										
		10+00												
						50								
		+50												
						50								
		11+00	391.25											
						50								
		+50	392.23											
		+95.43	392.66			50								
		12+00	392.93											
						50								
		+50	393.33										C	0
						50							R	0
		13+00	393.27		0.00						2622	AHEAD	FAC	1.3
			END SPLINE	GRADIENT		50						3252	F	30622
		+50	393.21	392.92	−0.29						3050		FAC	1.15
						50						6444	EXF	35215
		14+00	393.15	391.97	−1.18						3910			
			393.12	391.27	−1.85	50						8567		
		+50	391.62	390.44	−1.18						5364			
						50						10339		
		15+00	390.90	390.31	−0.29						5802			
						50						10415		
		+50	385.60		0.00						5446			
						50						9711		
		16+00	382.59								5042			
						50						8614		
		+50	379.58								4261			
						50						7764		
		17+00	376.56								4124			
						50						7213		
		+50	373.57								3666		C	0
						50						6250	R	0
		18+00	370.56								3094		FAC	1.3
						50						5330	F	65654
		+50	367.55								2862		FAC	1.15
						50						4222	EXF	75504
		19+00	364.54								1888			
						50						3337		
		+50	361.53								1708			
						50						2791		
		20+00	358.52								1388			
		+24.31	357.07		0.00	50						2094		
		+30	356.51	356.64	0.13						964			
						50						1526	C	3[illegible]
		21+00	352.51	353.40	0.88						604		R	0
		+44.34	349.88	352.31	2.43	50						1031	FAC	1.3
		+50	349.97	352.18	2.21						420		F	51[illegible]
						50						435	FAC	1.15
		22+00	351.02	351.72	0.70		0				50		EXF	5593
						50		309				46		
		+50	352.07	352.10	0.03		334				0			
		+64.34	352.37		0.00									
		+88.18	352.87											
		CARRIED FORWARD												
		COLUMN FOOTINGS						309		0		101410		

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	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.
		RAMP D												
		7+50	BEGIN SPLINE	GRADIENT										
			434.82			50								
		8+00	432.78											
						50								
		+50	430.72											
						50								
		9+00	428.65											
						50								
		+50	426.60											
						50								
		10+00	424.63											
						50								
		+50	422.82											
						50								
		11+00	421.13											
						50								
		+50	419.53											
						50								
		12+00	417.97											
			END SPLINE	GRADIENT		50								
		+50	416.53										C	483
						50							R	0
		13+00	415.09				98	AHEAD			2512	AHEAD	FAC	1.3
						50		193				5104	F	21541
		+50	413.65				110				3000		FAC	1.15
						50		196				6087	EXF	24289
		14+00	412.21		0.00		102				3552			
						50		94				5009		
		+50	410.77	410.67	−0.10		0				2506			
						50						4781		
		15+00	409.33	408.94	−0.39						2638			
						50						3498		
		+50	407.89	407.02	−0.87						1142			
						50						1774		
		16+00	405.29	404.91	−0.38						774			
						50						2383		
		+50	402.69	402.60	−0.09						1810			
						50						5046		
		17+00	400.10		0.00						4180			
						50						6519		
		+50	397.50								5039		C	0
						50						6835	R	0
		18+00	394.90								4738		FAC	1.3
						50						6279	F	50753
		+50	392.30								4383		FAC	1.15
						50						7407	EXF	65541
		19+00	389.70								3797			
						50						6588		
		+50	387.11								2974			
		+67	386.23	END SPLINE		50						4011		
		20+00	384.51								1388			
						50						1267		
		+50	381.91								0			
						50								
		21+00	379.31								0			
		+32.37	377.63	END BRIDGE		50						981		
		+50	376.71								1060			
						50						1359		
		22+00	374.11								408			
		+19.89	373.08		0.00	50						561		
		+50	371.53	371.65	0.12		10				196		C	707
						50		19				221	R	0
		23+00	369.93	369.90	0.97		11				41		FAC	1.3
		+21.39	367.81	369.38	1.57	50		144				38	F	4417
		+50	368.10	368.90	0.80		144				0		FAC	1.15
						50		415					EXF	4373
		24+00	367.60	367.67	0.07		304				0			
						22.89		129						
		+22.89	366.82				0							
		CARRIED FORWARD												
		COLUMN FOOTINGS						502		0		82651		

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	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.
		RAMP A	ROUTE 15											
		9+00												
		+50												
		+60.91	457.88											
		10+00	457.88											
						50								
		+50	458.77											
						50								
		11+00	459.27											
						50								
		+50	459.77										C	2[illegible]
						50							R	1,3[illegible]
		12+00	460.27										FAC	1.3
						50							F	0
		+50	460.77										FAC	1.15
						50							EXC	24[illegible]
		13+00	461.27											
						50								
		+50	461.77											
						50								
		14+00	462.27											
						50								
		+50	462.77		0.00		994	AHEAD	877	AHEAD				
						50		2088		1360				
		15+00	463.27	463.44	0.17		1261		502					
						50		2518		987				
		+50	463.77	464.44	0.67		1458		452					
						50		2984		714				
		16+00	464.27	465.77	1.50		1441		319					
						50		2802		429				
		+50	465.77	467.44	0.67		1389		144				C	16[illegible]
						50		2376		863			R	37[illegible]
		17+00	469.27	469.44	0.17		1197		786				FAC	1.3
						50		2037		730			F	3[illegible]
		+50	471.77		0.00		1083		0				FAC	1.15
						50		1706					EXC	179[illegible]
		18+00	474.27				842							
						50		1344						
		+50	476.77				610							
						50		911						
		19+00	479.27				374							
						50		517						
		+50	481.77				184				0			
						50		176				32		
		20+00	484.27				8				35			
						50		7				214		
		+50	486.77				0				196			
						50						614		
		21+00	489.27								467			
						50						1015		
		+50	491.77								629		C	7[illegible]
						50						1483	R	0
		22+00	494.27		0.00						973		FAC	1.3
						50						1990	F	121[illegible]
		+50	496.77	496.32	−0.45						1165		FAC	1.15
						50						3261	EXF	14011
		23+00	499.27	497.46	−1.81						2357			
						50						2903		
		+50	498.15	497.70	−0.45						778			
						50						720		
		24+00	497.03		0.00						0			
						29.4								
		+29.40	496.37											
		CARRIED FORWARD												
		COLUMN FOOTINGS						18970		5083		12222		

FINAL QUANTITIES ARE WITHIN THIS SUMMARY SHEET.

BUILT AS PLANNED 4/13/94

PROJECT WILLISTON-COLCHESTER

PROJECT NO. PB 833-1(2)

SHEET 20 OF 48 SHEETS