STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

Metric

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m²	TOTAL EXCAVATION EARTH AND ROCK VOLUME m³	ROCK EXCAVATION AREA m²	ROCK EXCAVATION VOLUME m³	EMBANKMENT AREA m²	EMBANKMENT VOLUME m³	AREA m²	VOLUME m³
2+000		0.0				0.0			
	10		0				0		
2+010		0.0				0.0			
	10		0				5		
2+020		0.0				1.0			
	10		0				63		
2+030		0.0				11.5			
	10		2				59		
2+040		0.4				0.3			
	10		3				6		
2+050		0.2				0.8			
	10		1				48		
2+060		0.0				8.8		CUT	205
	10		4				141	ROCK	0
2+070		0.8				19.4		R.FAC	.495
	10		10				193	FILL	829
2+080		1.1				19.1		F.FAC	1.15
	10		17				141	EX. F	748
2+090		2.2				9.1			
	10		27				81		
2+100		3.2				7.1			
	10		41				62		
2+110		5.0				5.2			
	10		78				30		
2+120		10.6				0.7			
	3		23				2		
2+123		4.7				0.8			
Bridge									
2+158		0.6				3.6			
	2		1				13		
2+160		0.8				9.5			
	10		4				177		
2+170		0.0				25.9			
	10		0				237		
2+180		0.0				21.4			
	10		5				171		
2+190		0.9				12.7			
	10		21				101		
2+200		3.3				7.5			
	10		45				74		
2+210		5.6				7.2			
	5		28				29		
2+215		5.6				4.3		CUT	195
	5		28				14	ROCK	0
2+220		5.6				1.4		R.FAC	.495
	10		46				8	FILL	824
2+230		3.6				0.2		F.FAC	1.15
	10		18				1	EX. F	752
2+240		0.0				0.0			
	10		0				0		
2+250		0.0				0.0			
	10		0				0		
2+260		0.0				0.0			
	10		0				0		
2+270		0.0				0.0			
	10		0				0		
2+280		0.0				0.0			
	10		0				0		
2+290		0.0				0.0			

SUMMARY AND BALANCES

STATION TO STATION km + m	km + m	TOT EXC. EARTH & ROCK m³	ROCK EXCAV m³	EMBANK m³	EXCESSES CUT	EXCESSES FILL	ACUMULATIVE EXCESSES CUT	ACUMULATIVE EXCESSES FILL
2+000	2+123	205	0	829		748		
								748
2+157	2+290	195	0	824		752		
								1500
		400	0	1653				

REMARKS

EARTH AND ROCK EXCAVATION	400
SOLID ROCK EXCAVATION	0
EARTH EXCAVATION	400
PLANIMETERED FILL	1653
LESS FACTORED SOLID ROCK	0
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0
NET PLANIMETERED FILL	1653
FACTOR	1.15
PLANIMETERED FILL INCLUDING FACTOR	1901
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION (400 x 90%)	360
CHANNEL EXCAVATION (750 x 70%)	525
UNDERDRAIN EXCAVATION (280 X 60%)	168
STRUCTURE EXCAVATION (430 X 60%)	258
TOTAL MATERIAL AVAILABLE FOR FILL	1311
TOTAL FILL INCLUDING FACTOR	1901
TOTAL MATERIAL FOR FILL	1311
BORROW	590
EXCESS EXCAVATION	0

PROJECT NAME: **MENDON**
PROJECT NUMBER: **BRO 1443(35)**

FILE NAME: /str5/95j290/sj290ews.xls
PROJECT LEADER: C. KELLER
DESIGNED BY: M. EVANS-MONGEON
EARTHWORK SHEET

PLOT DATE: 07/09/2003
DRAWN BY: G.SHANGRAW
CHECKED BY: T. SUMNER
SHEET 8 OF 94