STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

VAOT Metric

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m^2	TOTAL EXCAVATION EARTH AND ROCK VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
16+624		0		0		0			
	50		0		0		11375		
16+674		0		0		455		F	52278
	6		0		0		2778	FAC	1.15
16+680		0		0		471		EXF	60120
	20		0		0		10010		
16+700		0		0		530			
	20		0		0		10880		
16+720		0		0		558			
	20		0		0		11330		
16+740		0		0		575			
	20		0		0		5590*		
16+760		0		0		522			
	20		0		0		315*		
16+780		0		0		0			
	20		0		0		0		
16+800		0		0		0			
	20		0		0		0		
16+820		0		0		0			
	20		0		0		0		
16+840		0		0		0		F	0
	20		0		0		0	FAC	1.15
16+860		0		0		0		EXF	0
	20		0		0		0		
16+880		0		0		0			
	20		0		0		0		
16+900		0		0		0			
	20		0		0		0		
16+920		0		0		0			
	20		0		0		0		
16+940		0		0		0			
	20		0		0		0		
16+960		0		0		0			
	18		0		0		0		
16+978.091		0		0		0			
COLUMN FOOTING			0		0		52278		

*VOLUME IS REDUCED TO ACCOUNT FOR GRANULAR BORROW AND STRUCTURAL ITEMS

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m^2	TOTAL EXCAVATION EARTH AND ROCK VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
X10+000		0		0		0			
	20		0		0		0		
X10+020		0		0		0			
	20		0		0		0		
X10+040		0		0		0			
	20		0		0		0*		
X10+060		0		0		19			
	20		0		0		260*		
X10+080		0		0		14		C	1430
	20		0		0		380	FAC	1.00
X10+100		0		0		24		F	2570
	20		0		0		490	FAC	1.15
X10+120		0		0		25		EXF	1526
	20		200		0		470		
X10+140		20		0		22			
	20		440		0		400		
X10+160		24		0		18			
	20		480		0		320		
X10+180		24		0		14			
	20		310		0		250		
X10+200		7		0		11			
	20		80		0		170		
X10+220		1		0		6			
	20		20		0		110		
X10+240		1		0		5		C	660
	20		50		0		70	FAC	1.00
X10+260		4		0		2		F	370
	20		100		0		20	FAC	1.15
X10+280		6		0		0		EXC	235
	20		140		0		0		
X10+300		8		0		0			
	20		160		0		0		
X10+320		8		0		0			
	11		110		0		0		
X10+331		12		0		0			
Y10+000		0		0		0			
	20		0		0		0		
Y10+020		0		0		0			
	20		0		0		0		
Y10+040		0		0		0			
	20		0		0		0*		
Y10+060		0		0		22			
	20		0		0		390*		
Y10+080		0		0		24			
	20		0		0		420		
Y10+100		0		0		18		C	10
	20		0		0		280	FAC	1.00
Y10+120		0		0		10		F	1440
	20		0		0		190	FAC	1.15
Y10+140		0		0		9		EXF	1646
	20		0		0		120		
Y10+160		0		0		3			
	20		10		0		40		
Y10+180		1		0		1			
COLUMN FOOTING			2100		0		4380		

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m^2	TOTAL EXCAVATION EARTH AND ROCK VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
Y10+180		1		0		1		C	46
	20		20		0		20	FAC	1.00
Y10+200		1		0		1		F	29
	17		26		0		9	FAC	1.15
Y10+216.991		2		0		0		EXC	13
ABI0+000		0		0		0			
	20		0		0		0		
ABI0+020		0		0		0			
	20		1120		0		10		
ABI0+040		112		0		1			
	20		1550		0		60		
ABI0+060		43		0		5			
	20		840		0		70	C	5227
ABI0+080		41		0		2		FAC	1.00
	20		650		0		70	F	1376
ABI0+100		24		0		5		FAC	1.15
	20		590		0		70	EXC	3645
ABI0+120		35		0		2			
	20		400		0		120		
ABI0+140		5		0		10			
	20		50		0		330		
ABI0+160		0		0		23			
	20		10		0		380		
ABI0+180		1		0		15			
	16.6		17		0		266		
ABI0+196.565		1		0		17			
AI0+000		0		0		9			
	20		0		0		200		
AI0+020		0		0		11			
	20		0		0		260		
AI0+040		0		0		15		C	300
	20		0		0		310	FAC	1.00
AI0+060		0		0		16		F	3320
	20		0		0		760	FAC	1.15
AI0+080		0		0		60		EXF	3518
	20		70		0		900		
AI0+100		7		0		30			
	20		150		0		430*		
AI0+120		8		0		20			
	20		80		0		0*		
AI0+140		0		0		46			
	20		0		0		460		
AI0+160		0		0		0			
	20		0		0		0		
AI0+180		0		0		0			
	4.5		0				0		
AI0+184.529		0		0	0	0			
COLUMN FOOTING			5573		0		4725		

STATION km + m	DIST m	TOTAL EXCAVATION EARTH AND ROCK AREA m^2	TOTAL EXCAVATION EARTH AND ROCK VOLUME m^3	ROCK EXCAVATION AREA m^2	ROCK EXCAVATION VOLUME m^3	EMBANKMENT AREA m^2	EMBANKMENT VOLUME m^3	AREA m^2	VOLUME m^3
BI0+064.800		9		0		0		C	391
	15.2		251		0		0	FAC	1.00
BI0+080		24		0		0		F	1660
	20		490		0		0	FAC	1.15
BI0+100		25		0		0		EXC	2002
	20		490		0		10		
BI0+120		24		0		1			
	20		1270		0		50		
BI0+140		103		0		4			
	20		1140		0		100		
BI0+160		11		0		6			
	20		160		0		60		
BI0+180		5		0		0			
	20		80		0		30		
BI0+200		3		0		3			
	20		30		0		190		
BI0+220		0		0		16			
	20		0		0		580		
BI0+240		0		0		42			
	20		0		0		640		
BI0+260		0		0		22			
	20		0		0		380	C	34
BI0+280		0		0		16		FAC	1.00
	20		10		0		250	F	817
BI0+300		1		0		9		FAC	1.15
	20		20		0		160	EXF	906
BI0+320		1		0		7			
	3.8		4		0		27		
BI0+323.782		1		0		7			
CDI0+000		0		0		0			
	20		0		0		0		
CDI0+020		0		0		0			
	20		300		0		10	C	630
CDI0+040		30		0		1		FAC	1.00
	20		300		0		260	F	2090
CDI0+060		0		0		25		FAC	1.15
	20		0		0		370	EXF	1774
CDI0+080		0		0		12			
	20		0		0		320		
CDI0+100		0		0		20			
	20		0		0		490		
CDI0+120		0		0		29			
	20		30		0		640		
CDI0+140		3		0		35			
COLUMN FOOTING			4575		0		4567		

PROJECT: BENNINGTON - HOOSICK
PROJECT NO.: D.P.I. 0146(1) C/4

DESIGN FILE NAME: EARTHWK.DGN
IPARM FILE NAME:
SURVEYED BY: V.S.E.
SQUAD LEADER: T.P.K.
DWG. NO. EW-1

PLOT DATE: 9/00
SURVEY DATE: 12/93
DRAWN BY: E.C.D.
SHEET 21 OF 385

FILE NAME =u:\5116\vaot\contract4\earthwk.dgn
DATE/TIME =08 SEP 2000
USER =1459