STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK VOLUME	ROCK EXCAVATION AREA	ROCK EXCAVATION VOLUME	EMBANKMENT AREA	EMBANKMENT VOLUME		
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.
			VT ROUTE 117						
166+75		0		0		0			
	25								
167+00		0		0		0			
	50		48				0		
167+50		52		0		0			
	50		101				4		
168+00		57		0		4			
	50		128				4		
168+50		80		0		1			
	50		158				1	CUT	1518
169+00		90		0		0		ROCK	0
	50		166				5	R.FAC	.495
169+50		89		0		6		FILL	18
	50		166				7	F.FAC	1.15
170+00		91		0		1		EX. C	1497
	50		167				2		
170+50		89		0		0			
	50		178				0		
171+00		103		0		0			
	50		195				0		
171+50		108		0		0			
	50		211				0		
172+00		120		0		0			
	50		208		0		0		
172+50		105		0		0			
	50		232		0		0		
173+00		146		0		3			
	50		192		0		0		
173+50		62		0		0			
	50		194		0		5		
174+00		147		0		6			
	50		240		0		34	CUT	1509
174+50		112		0		31		ROCK	0
	50		181		0		35	R.FAC	.495
175+00		83		0		7		FILL	80
	50		149		0		6	F.FAC	1.15
175+50		78		0		0		EX. C	1417
	25		74		0		0		
175+75		81		0		0			
	25		38		0		0		
176+00		1		0		0			
	25		0		0		0		
176+25		0		0		0			

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK VOLUME	ROCK EXCAVATION AREA	ROCK EXCAVATION VOLUME	EMBANKMENT AREA	EMBANKMENT VOLUME		
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK VOLUME	ROCK EXCAVATION AREA	ROCK EXCAVATION VOLUME	EMBANKMENT AREA	EMBANKMENT VOLUME		
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.

SUMMARY AND BALANCES

STATION TO STATION		TOT EXC. EARTH & ROCK C.Y.	ROCK EXCAV C.Y.	EMBANK C.Y.	EXCESSES CUT	EXCESSES FILL	ACUMULATIVE EXCESSES CUT	ACUMULATIVE EXCESSES FILL
VT ROUTE 117								
166+75	171+50	1518	0	18	1497	0	1497	
171+50	176+25	1509	0	80	1417	0	2914	
	TOTALS	3027	0	98				

REMARKS

EARTH AND ROCK EXCAVATION	3027	CY
SOLID ROCK EXCAVATION	0	CY
EARTH EXCAVATION	3027	CY
PLANIMETERED FILL	98	CY
LESS FACTORED SOLID ROCK	0	CY
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0	CY
NET PLANIMETERED FILL	98	CY
FACTOR	1.15	
PLANIMETERED FILL INCLUDING FACTOR	113	CY
MATERIALS AVAILABLE FOR FILLS		
EARTH EXCAVATION	3027	CY
UNCLASSIFIED CHANNEL EXCAVATION	95	CY
TRENCH EXCAVATION (EARTH AND ROCK) X 60%	225	CY
DRIVE EXCAVATION	145	CY
TOTAL MATERIAL AVAILABLE FOR FILL		
TOTAL FILL INCLUDING FACTOR	113	CY
TOTAL MATERIAL FOR FILL	3492	CY
BORROW	0	CY
EXCESS EXCAVATION	3379	CY

PROJECT NAME: ESSEX TOWN
PROJECT NUMBER: STP 5400 (5)

FILE NAME: t97d002frm.dgn
PROJECT LEADER: J. SCHULTZ
DESIGNED BY: D. LYMAN
EARTHWORKS SHEET

PLOT DATE: 14-SEP-2012
DRAWN BY: D. LYMAN
CHECKED BY: J. DEVLIN
SHEET 12 OF 64