STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

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
U.S ROUTE 7									
8+585.850		0.2		0		0.0			
	14.150		4		0		1		
8+600		0.4		0		0.1			
	20		8		0		1		
8+620		0.4		0		0.0		C	62
	20		8		0		4	FAC	1.000
8+640		0.4		0		0.4		F	27
	20		9		0		4	FAC	1.150
8+660		0.5		0		0.1		EXC	31
	20		8		0		5		
8+680		0.3		0		0.3			
	20		4		0		7		
8+700		0.3		0		0.4			
	20		6		0		3		
8+720		0.3		0		0.2			
8+740	SEE NOTE 1								
8+760	SEE NOTE 1								
8+780		0.3		0		0.2			
	20		15		0		2		
8+800		1.2		0		0.0			
	20		16		0		2		
8+820		0.4		0		0.2			
	20		5		0		4		
8+840		0.1		0		0.2		C	183
	20		4		0		5	FAC	1.000
8+860		0.3		0		0.3		F	36
	20		6		0		5	FAC	1.150
8+880		0.3		0		0.2		EXC	142
	20		6		0		3		
8+900		0.3		0		0.1			
	20		13		0		4		
8+920		1.0		0		0.3			
	20		17		0		7		
8+940		0.7		0		0.4			
	20		31		0		4		
8+960		2.4		0		0.0			
	20		51		0		0		
8+980		2.7		0		0.0			
	20		34		0		2		
9+000		0.7		0		0.2			
COLUMN FOOTING			245		0		63		

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
9+000		0.7		0.0		0.2			
	20		12		0.0		5		
9+020		0.5		0.0		0.3			
	20		11		0.0		6		
9+040		0.6		0.0		0.3		C	120
	20		15		0.0		4	FAC	1.000
9+060		0.9		0.0		0.1		F	47
	20		17		0.0		4	FAC	1.150
9+080		0.8		0.0		0.3		EXC	66
	20		23		0.0		6		
9+100		1.5		0.0		0.3			
	20		23		0.0		8		
9+120		0.8		0.0		0.5			
	20		12		0.0		7		
9+140		0.3		0.0		0.2			
	20		6		0.0		6		
9+160		0.3		0.0		0.4			
	4.448		1		0.0		1		
9+164.448		0.2		0.0		0.0			
SIDEWALK RAMPS									
								C	15
			15		0		0	FAC	1.000
								F	0
								FAC	1.150
								EXC	14
COLUMN FOOTING			135		0		47		

SUMMARY AND BALANCES

STATION km + m	TO STATION km + m	TOTAL EXC. EARTH+ROCK m³	ROCK EXCAVATION m³	EMBANKMENT m³	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL
U.S ROUTE 7								
8+585.850	8+800	62	0	27	31		31	
8+800	9+000	183	0	36	142		173	
9+000	9+164.448	120	0	47	66		239	
SIDEWALK RAMPS								
		15	0	0	14		253	
TOTALS		380	0	110				

REMARKS

EARTH AND ROCK EXCAVATION	380 m³
SOLID ROCK EXCAVATION	0
EARTH EXCAVATION	380 m³
PLANIMETERED FILL	110 m³
FACTOR	1.150
PLANIMETERED FILL INCLUDING FACTOR	127 m³
MATERIALS AVAILABLE FOR FILLS (SEE NOTE 2)	
ROADWAY (380 x 25%)	95 m³
TOTAL MATERIAL AVAILABLE FOR FILL	95 m³
TOTAL FILL INCLUDING FACTOR	127 m³
TOTAL MATERIAL FOR FILL	95 m³
EARTH BORROW	32 m³
EXCESS EXCAVATION	0 m³

NOTES:

1. THERE IS NO ANTICIPATED EARTHWORK BETWEEN STA. 8+720.0 AND STA. 8+780.0. SIDEWALK AND CURB RECONSTRUCTION STOPS AT STA. 8+720.0 AND RESUMES AT STA. 8+780.0 AS SHOWN ON THE PLANS.

2. THE TOTAL UNCLASSIFIED EXCAVATION VOLUME AVAILABLE FOR FILL WAS CALCULATED ASSUMING THAT ONLY 25% OF THE MATERIAL WAS USABLE.

DATUM
VERTICAL N/A
HORIZONTAL N/A

EARTHWORK SUMMARY SHEET

SURVEYED BY N/A DATE N/A
DRAWN BY C.A.K. DATE 8/05
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/98b098/pb098.dgn
IPARM FILE pb098ew.I DATE PLOTTED 08-JUL-2007 15:
PROJ. NAME WALLINGFORD
PROJ. NO. NH 2108(1)S & STP EH04(6)
SHEET 12 OF 110 SHEETS