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.		
VT ROUTE 125									
256+50		0				0			
	25		2				4		
256+75		4				8			
	25		24				8		
257+00		47				10			
	25		58				14		
257+25		78				20			
	25		93				13		
257+50		123				7			
	25		77				17	CUT	512
257+75		44				30		ROCK	0
	25		76				15	R.FAC	.495
258+00		120				2		FILL	78
	25		92				2	F.FAC	1.15
258+25		78				3		EX. C	422
	25		57				3		
258+50		45				4			
	25		27				2		
258+75		14				1			
	25		6				0		
259+00		0				0			
PIPER BROOK									
1+10		0							
	10		0						
1+20		165							
	10		57						
1+30		143							
	10		52						
1+40		139							
	10		26						
1+50		0							
	10		0						
1+60		0						CUT	185
	10		0					ROCK	0
1+70		0						R.FAC	.495
	10		0					FILL	0
1+80		0						F.FAC	1.15
	10		0					EX. C	185
1+90		0							
	10		0						
2+00		0							
	10		17						
2+10		94							
	10		33						
2+20		85							
	10		0						
2+30		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.		

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.		

SUMMARY AND BALANCES

STATION TO STATION		TOT EXC. EARTH & ROCK C.Y.	ROCK EXCAV C.Y.	EMBANK C.Y.	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL
256+50	259+00	512	-	78	422	-	422	-
1+10	2+30	185	-	-	185	-	607	-

REMARKS

EARTH AND ROCK EXCAVATION		697
SOLID ROCK EXCAVATION		-
EARTH EXCAVATION		697
PLANIMETERED FILL		78
LESS FACTORED SOLID ROCK		-
LESS DISPLACEMENT OF ANY LARGE STRUCTURES		-
NET PLANIMETERED FILL		78
FACTOR		1.15
PLANIMETERED FILL INCLUDING FACTOR		90
MATERIALS AVAILABLE FOR FILLS		
COMMON EXCAVATION (512 CY * 0.70)		358
UNCLASSIFIED CHANNEL EXCAVATION (185 CY * 0.30)		56
UNDERDRAIN EXCAVATION		-
STRUCTURE EXCAVATION (336 CY * 0.30)		101
TOTAL MATERIAL AVAILABLE FOR FILL		515
TOTAL FILL INCLUDING FACTOR		90
TOTAL MATERIAL FOR FILL		515
BORROW		-
EXCESS EXCAVATION		425

PROJECT NAME: HANCOCK
PROJECT NUMBER: ER STP 0174(18)

FILE NAME: z12c412frm.dgn
PROJECT LEADER: J. TUCKER
DESIGNED BY: S. SOLLA
EARTHWORK SHEET

PLOT DATE: 10/11/2016
DRAWN BY: S. SOLLA
CHECKED BY: B. BRESLEND
SHEET 13 OF 42