STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA S.F.	TOTAL EXCAVATION EARTH AND ROCK VOLUME C.Y.	ROCK EXCAVATION AREA S.F.	ROCK EXCAVATION VOLUME C.Y.	EMBANKMENT AREA S.F.	EMBANKMENT VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
COMMON EXCAVATION									
VT100/ ALT VT100									
14+84		0.0				0.00			
	16.12		10.39						
15+00		34.8				0.00			
	50.00		69.17						
15+50		39.9				0.00			
	50.00		72.96						
16+00		38.9				0.00			
	50.00		67.87				0.19		
16+50		34.4				0.20			
	50.00		62.59				1.67	CUT	421
17+00		33.2				1.60		ROCK	0
	50.00		58.15				16.76	R.FAC	.495
17+50		29.6				16.50		FILL	46
	50.00		57.13				17.59	F.FAC	1.15
18+00		32.1				2.50		EX. C	369
			0.00				0.00		
19+00		21.2							
	50.00		23.24			10.30			
19+50		3.9					9.54		
VT100 (LAPORTE ROAD)									
1+21		66.7				0.00			
	29.00		61.65						
1+50		48.1				1.80			
	50.00		67.50				12.59		
2+00		24.8				11.80			
	50.00		43.15				41.76		
2+50		21.8				33.30			
	50.00		41.67				39.26	CUT	382
3+00		23.2				9.10		ROCK	0
	50.00		41.11				9.91	R.FAC	.495
3+50		21.20				1.60		FILL	108
	50		40.65				2.13	F.FAC	1.15
4+00		22.70				0.70		EX. C	258
	50.00		43.52				1.48		
4+50		24.30				0.90			
	50.00		42.50				0.83		
5+00		21.60							

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

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

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
COMMON EXCAVATION								
14+84	19+50	421	0	52	369		369	
1+21	5+00	382	0	124	258		627	
	SUBTOTAL	803						
	ROUNDING	2						
	TOTAL	805						

REMARKS

EARTH AND ROCK EXCAVATION	805	
SOLID ROCK EXCAVATION	0	
EARTH EXCAVATION	805	
PLANIMETERED FILL	155	
LESS FACTORED SOLID ROCK	0	
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0	
NET PLANIMETERED FILL	155	
FACTOR	23	
PLANIMETERED FILL INCLUDING FACTOR	178	
MATERIALS AVAILABLE FOR FILLS		
EARTH EXCAVATION	805	
CHANNEL EXCAVATION	0	
UNDERDRAIN EXCAVATION	0	
STRUCTURE EXCAVATION	0	
TOTAL MATERIAL AVAILABLE FOR FILL	805	
TOTAL FILL INCLUDING FACTOR	178	
TOTAL MATERIAL FOR FILL	805	
BORROW	155	
EXCESS EXCAVATION	627	

McFarland Johnson

PROJECT NAME: MORRISTOWN
PROJECT NUMBER: STPG SGNL(47)

FILE NAME: z15t047ewl.dgn
PROJECT LEADER: J. SANTACRUCE
DESIGNED BY: J. SANTACRUCE
EARTHWORK SHEET

PLOT DATE: 5/13/2016
DRAWN BY: J. SANTACRUCE
CHECKED BY: B. COLBURN
SHEET 19 OF 58