STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS SUMMARY

VAOT Metric

SUMMARY AND BALANCES

STATION TO STATION km + m	km + m	TOTAL EXC. m³	ROCK EXCAVATION m³	EMBANKMENT m³	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL		
VT. ROUTE 67A										
3+464.340	3+600	368	0	110	241		241			
3+600	3+800	360	0	0	360		601			
3+800	4+000	260	0	10	248		849			
4+000	4+200	220	0	30	185		1034			
4+200	4+400	125	0	0	125		1159			
4+400	4+600	150	0	0	150		1309			
4+600	4+800	385	0	0	385		1694			
4+800	5+000	390	101	20	417		211			
5+000	5+338.194	695	183	80	694		2805			
RIVER ROAD										
1+000	1+060	590	0	200	360		3165			
HILLSIDE STREET										
1+000	1+060	390	0	0	390		3555			

SUMMARY AND BALANCES

STATION TO STATION km + m	km + m	TOTAL EXC. EARTH+ROCK m³	ROCK EXCAVATION m³	EMBANKMENT m³	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL		

✳ THE TOTAL EARTH EXCAVATION VOLUME AVAILABLE FOR FILL WAS CALCULATED ASSUMING 50% OF THE MATERIAL WOULD BE UNUSABLE.

SUMMARY AND BALANCES

SHEET NO.	COL NO.	TOTAL EXC. m³	ROCK EXC. m³	FILL m³
13	1	873	0	120
13	2	460	0	30
13	3	705	0	0
13	4	915	284	100
14	1	980	0	200
TOTAL		3933	284	450

REMARKS

EARTH AND ROCK EXCAVATION	3933 m³
SOLID ROCK EXCAVATION	284 m³
TOTAL SOLID ROACK AVAILABLE FOR FILL	284 m³
TOTAL EARTH EXCAVATION	3649 m³
PLANIMETERED FILL	450 m³
FACTOR	1.15
PLANIMETERED FILL INCLUDING FACTOR	517 m³
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION (3649 x 0.50) ✳	1825 m³
SOLID ROCK	284 m³
TOTAL MATERIAL AVAILABLE FOR FILL	2109 m³
TOTAL FILL INCLUDING FACTOR	517 m³
TOTAL MATERIAL FOR FILL	2109 m³
BORROW	0
EXCESS EXCAVATION	1592 m³

PROJECT NAME: NORTH BENNINGTON
PROJECT NUMBER: STP 9646(I)S

FILE NAME: /pave/95dl04/pdl04.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
pdl04ews3.1

PLOT DATE:30-AUG-2010 12:30
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 15 OF 151