

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

EARTHWORKS

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT						TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT				SUMMARY AND BALANCES									
STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	STATION TO STATION	TOT EXC. EARTH & ROCK C.Y.	ROCK EXCAV C.Y.	EMBANK C.Y.	EXCESSES		ACUMULATIVE EXCESSES			
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.		FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.					CUT	FILL	CUT	FILL		
RAMP "B"																													
53+00	50	0	64		0															53+00	59+68	3962		15	3945		3945		
53+50	50	70	189		0															80+00	82+58	1586		0	1586		5531		
54+00	50	135	254		0															VT ROUTE 15		238	55	0	238		5769		
54+50	50	140	290		0		3													SIDEWALK CONSTRUCTION		90		0	90		5859		
55+00	50	173	325		3		5													CONSTRUCTION PHASING		1297		260	998		6857		
55+50	50	178	328		2		3																						
56+00	50	176	342		2		2																						
56+50	50	193	397		0			CUT	3962												TOTALS	7173	55	275	6857				
57+00	50	236	446		0			ROCK	0																				
57+50	50	246	470		0			R.FAC	.495																				
58+00	50	262	333		0			FILL	15																				
58+50	50	97	206		0			F.FAC	1.15																				
59+00	50	125	234		1		1	EX. C	3945																				
59+50	50	128	234		0		1																						
59+68	18	84	0		0		0																						
SLIP RAMP																													
80+00	50	180	325																										
80+50	50	171	379																										
81+00	50	238	415					CUT	1586																				
81+50	27	210	196					ROCK	0																				
81+77	81	181	271					R.FAC	.495																				
82+58		0						FILL	0																				
VT ROUTE 15																													
VOLUME OF COMMON EXCAVATION WITHIN THE FOOTPRINT OF THE ISLAND WORK AREAS WERE CALCULATED BY THE DEPTH OF EXCAVATION REQUIRED MULTIPLIED BY THE AREA OF THE EXCAVATION.																													
AREA OF ISLAND WORK =		1963	SF																										
DEPTH OF CUT =		30	INCHES																										
COMMON EXCAVATION =		182	CY																										
AREA OF ISLAND WORK =		95	SF																										
DEPTH OF CUT =		5	INCHES																										
COMMON EXCAVATION =		1	CY																										
VOLUME OF SOLID ROCK EXCAVATION ACCOUNT FOR REMOVAL OF CONCRETE SLAB ON VT ROUTE 15.																													
SOLID ROCK EXCAVATION =		55	CY																										
SIDEWALK CONSTRUCTION																													
REMOVAL OF EXISTING SIDEWALK				COMMON EXCAVATION =		33	CY													REMARKS									
COMMON EXCAVATION FOR SIDEWALK SUBBASE																													
DEPTH OF SUBBASE =		6	INCH	(FROM STD. A-76)																									
AREA OF NEW SIDEWALK =		343	SY																										
SUBBASE EXCAVATION FOR SIDEWALK				COMMON EXCAVATION =		57														EARTH AND ROCK EXCAVATION									
CONSTRUCTION PHASING																													
COMMON EXCAVATION =		1297	CY																										
EARTH BORROW =		260	CY																										
				</																									