EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V.C.	% GRADE	STATION	GRADES: ELEVATION ON TANGENT	GRADES: ELEVATION ON CURVES	GRADES: CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK: AREA	TOTAL EXCAVATION EARTH AND ROCK: CU. YDS.	ROCK EXCAVATION: AREA	ROCK EXCAVATION: CU. YDS.	EMBANKMENT: AREA	EMBANKMENT: CU. YDS.		
		549+00			BEGIN APPROACH									
		+50	288.40	END APPROACH~BEGIN		28	BUTT						28	BUTT
			PROJECT HES 017-1(4)S			25		25						25
		+75	288+32				28						27	
						25		26						25
		550+00	288+24				29						28	
						50		58						50
		+50	288.09				34				0		26	
						50		50				1		44
		551+00	287.93				20	BUTT			1		22	BUTT
						25								
		+25	287.86								0			
						25								
		+50	287.78											
						25								
		+75	287.70								0			
		+90	287.65			25						2		
		552+00	287.62				36	BUTT	C	541	4		37	BUTT
		+05	287.60						F	35				
		+13	287.58			25		41	FAC	1.15		4		38
									EXC	501				
		+25	287.54				48				5		45	
						25		51	SB	517		3		45
		+50	287.47				62				1		53	
						27		56				2		51
		+77	287.38				50				2		48	
						23		42				2		41
		553+00	287.31				49				3		48	
		+05	287.30			25		44				1		44
		+25	287.23				45				0		48	
						25		37				3		39
		+50	287.16	287.16	0.00		34				6		37	
						25		31				6		31
		+75	287.08	287.10	+0.02		32				7		30	
						25		28				5		28
		554+00	287.00	287.09	+0.09		28				4		30	
		+04	287.02	287.10	+0.08									
						50		52				5		56
		+20	287.08	287.11	+0.03									
		+50	287.20	287.20	0.00		28	BUTT	END PROJECT HES 017-1(4)S		1		30	BUTT
						50			BEGIN APPROACH		1			
		555+00	287.40						END APPROACH		0			
		CARRIED FORWARD												
		COLUMN FOOTINGS						541				35		517

V.C.	% GRADE	STATION	GRADES: ELEVATION ON TANGENT	GRADES: ELEVATION ON CURVES	GRADES: CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK: AREA	TOTAL EXCAVATION EARTH AND ROCK: CU. YDS.	ROCK EXCAVATION: AREA	ROCK EXCAVATION: CU. YDS.	EMBANKMENT: AREA	EMBANKMENT: CU. YDS.		
						VT. ROUTE 17 (EAST)								
		ML 551+58.44												
		VT RTE 17 (EAST) 9+76.76												
		10+00					5	BUTT			3	BUTT	5	BUTT
						25		5				3		5
		+25					5				3		5	
						25		5				2		5
		+50	END CONSTRUCTION				5	BUTT			2	BUTT	5	BUTT
		+75							C	10				
									F	5				
		11+00							FAC	1.15				
									EXC	4				
		+50												
									SB	10				
		12+00												
		+50												
		13+00												
						VT ROUTE 17 (WEST)								
		ML 551+58.44												
		VT. RTE. 17 (WEST) 10+00.00												
		10+13.5					0						0	
						5.5		3						3
		10+19					30						30	
						6		6	C	18				6
		10+25					20		F	0			20	
						25		9	EXC	18				9
		+50					0						3	
									SB	18				
		+65	END CONSTRUCTION											
		CARRIED FORWARD												
		COLUMN FOOTINGS												

SUMMARY AND BALANCES

STATION TO STATION		TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL	
MAINLINE									
549+00	555+00	541		35	501		501		517
VT RT. 17 (EAST)									
10+00	13+00	10		5	4		505		10
VT RTE. 17 (WEST)									
10+25	10+65	18		0	18		523		18
SUBTOTAL		569		40	523		523		545
DRIVES		8		0	8		531		8
TOTALS		577		40	531		531		553

SHEET NO.	COL. NO.	SUMMARY BY COLUMNS: EXCAVATION TOTAL CY	EXCAVATION ROCK CY	EMBANKMENT CY	
	1	541		35	517
	2	28		5	28
DRIVES		8		0	8
TOTALS		577		40	553

REMARKS

EARTH AND ROCK EXCAVATION	577
SOLID ROCK EXCAVATION	0
EARTH EXCAVATION	577
PLANIMETERED FILL	40
LESS FACTORED SOLID ROCK	0
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0
NET PLANIMETERED FILL	40
FACTOR 0.15 X 37 =	6
PLANIMETERED FILL INCLUDING FACTOR	46
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	577
CHANNEL EXCAVATION	0
UNDERDRAIN EXCAVATION (150 X 75%)	113
STRUCTURE EXCAVATION	0
	690
TOTAL MATERIAL AVAILABLE FOR FILL	
	46
TOTAL FILL INCLUDING FACTOR	644
TOTAL MATERIAL FOR FILL	
BORROW	644
EXCESS EXCAVATION	

PROJECT NAME ADDISON
PROJECT NUMBER HES 017-1(4)S

SHEET 437 OF 477
SHEET 7 OF 47 SHEETS