EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STATION	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.	AREA	CU. YDS.
				MAINLINE					
100+50		COLD	PLANE	AREA		0			
	50						0		
101+00		48	BUTT			35			
	50		235				56	CUT	3008
101+50		206				25		ROCK	0
	50		357				49	R. FAC.	.495
102+00		180				28		FILL	496
	50		357				47	F. FAC	1.15
102+50		206				23		EX. C	2438
	50		377				56		
103+00		201				37			
	50		386				56		
103+50		216				24			
	50		346				44		
104+00		158				23			
	50		312				35		
104+50		179				15			
	50		339				62		
105+00		187				52			
	50		299				91		
105+50		136				46			
	50		233				52		
106+00		116				10			
	50		144				117		
106+50		39				116			
	50		50				247		
107+00		15				151			
	50		22				253		
107+50		9				122			
	50		41				218		
108+00		35				113		CUT	1712
	50		110				224	ROCK	0
108+50		84				129		R. FAC.	.495
	50		215				244	FILL	1520
109+00		148				134		F. FAC	1.15
	50		268				141	EX. F	36
109+50		141				18			
	50		292				20		
110+00		174				4			
	50		337				4		
110+50		190				0			
	50		380				5		
111+00		220				5		CUT	808
	50		303				5	ROCK	0
111+50		107				0		R. FAC.	.495
	50		125				48	FILL	58
112+00		28		BUTT		52		F. FAC	1.15
	50						0	EX. C	741
112+50		COLD	PLANE	AREA		0			

STATION	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.	AREA	CU. YDS.
200+00		COLD	PLANE	AREA					
	50								
200+50		35		BUTT		1			
	50		123				2		
201+00		98				1			
	50		243				2		
201+50		165				1			
	50		284				9	CUT	995
202+00		142				9		ROCK	0
	50		211				14	R. FAC.	.495
202+50		86				6		FILL	1619
	50		107				70	F. FAC	1.15
203+00		29				70		EX. F	867
	50		27				224		
203+50		0				172			
							410		
204+00						271			
							468		
204+50						235			
							420		
204+90.12						219			

STATION	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.	AREA	CU. YDS.
				SIDELINE					

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								
100+50	105+50	3008		496	2438		2438	
106+00	110+50	1712		1520		36	2402	
111+00	112+50	808		58	741		3143	
SIDELINE								
200+00	204+90.12	995		1619		867	2276	
TOTALS		6523		3693			2276	
DRIVES		10			10		2286	
DITCHES		200			200		2486	
TOTALS		6733		3693			2486	

REMARKS

EARTH AND ROCK EXCAVATION	6733
SOLID ROCK EXCAVATION	
EARTH EXCAVATION	6733
PLANIMETERED FILL	3693
LESS FACTORED SOLID ROCK	
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	
NET PLANIMETERED FILL	3693
FACTOR 1.15 %	
PLANIMETERED FILL INCLUDING FACTOR	4247
MATERIALS AVAILABLE FOR FILLS	6733
EARTH EXCAVATION	
CHANNEL EXCAVATION	
UNDERDRAIN EXCAVATION 60% X 310	186
STRUCTURE EXCAVATION	
TOTAL MATERIAL AVAILABLE FOR FILL	6919
TOTAL FILL INCLUDING FACTOR	4247
TOTAL MATERIAL FOR FILL	
BORROW	
EXCESS EXCAVATION	2672

PROJECT: **ST ALBANS**

PROJECT NO.: **HES 034-1(19)S**

DESIGN FILE NAME: /sqdc/84e076/de076frm.dgn
IPARM FILE NAME: de076ewl.i
SURVEYED BY: R.MOREAU
SQUAD LEADER: S. MENARD

PLOT DATE: 12-JAN-1999
SURVEY DATE: 9/90
DRAWN BY: G.MEUNIER
SHEET: OF