

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

																				SUMMARY AND BALANCES																				
STATION		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT				STATION		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT				STATION		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT		AREA		CU. YDS.		STATION TO STATION		TOTAL EXCAVATION EARTH & ROCK	ROCK EXCAVATION CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES		ACCUMULATIVE EXCESSES	
AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	CUT	FILL	CUT	FILL			
RELOCATED WORCESTER AVENUE										GODFREY STREET										RELOCATED WORCESTER AVENUE		TOTAL EXCAVATION EARTH & ROCK		ROCK EXCAVATION CUBIC YARDS		EMBANKMENT CUBIC YARDS		EXCESSES		ACCUMULATIVE EXCESSES										
0+50	50	399.7	464.9							35+20	30	195.0	173.4																											
1+00	50	102.4	170.0							35+50	50	117.1	157.6																											
1+50	50	81.3	149.5							36+00	50	53.1	157.6																											
2+00	50	80.2	149.7							DEVIN STREET										HEBARD AVENUE		TOTAL EXCAVATION EARTH & ROCK		ROCK EXCAVATION CUBIC YARDS		EMBANKMENT CUBIC YARDS		EXCESSES		ACCUMULATIVE EXCESSES										
2+50	50	81.5	281.3							40+20	30	200.0	161.2																											
3+00	50	222.3	281.3							40+50	50	90.2	136.0																											
3+37	37.5	167.5	270.7							41+00	50	56.7	136.0																											
WORCESTER AVENUE										ADVENT LN.										GODFREY STREET		TOTAL EXCAVATION EARTH & ROCK		ROCK EXCAVATION CUBIC YARDS		EMBANKMENT CUBIC YARDS		EXCESSES		ACCUMULATIVE EXCESSES										
5+25	25	173.0	143.0							45+20	30	163.0	140.0																											
5+50	35	135.8	136.9							45+50	50	89.0	125.4																											
5+85	35	75.4	136.9							46+00	50	46.4	125.4																											
HIGHLAND AVENUE										HEWITT STREET										HEBARD AVENUE		TOTAL EXCAVATION EARTH & ROCK		ROCK EXCAVATION CUBIC YARDS		EMBANKMENT CUBIC YARDS		EXCESSES		ACCUMULATIVE EXCESSES										
10+33	17	490.0	302.2							50+20	30	160.0	128.0																											
10+50	50	470.0	708.3							50+50	25	70.4	64.7																											
11+00	50	295.0	708.3							50+75	25	69.4	64.7																											
11+50	50	261.9	515.6							EXCAVATION FOR TOPSOIL (MOD.) = 3054 CY (ADDED TO MAINLINE TOTALS)										HEBARD AVENUE		TOTAL EXCAVATION EARTH & ROCK		ROCK EXCAVATION CUBIC YARDS		EMBANKMENT CUBIC YARDS		EXCESSES		ACCUMULATIVE EXCESSES										
12+00	50	156.1	387.0																																					
12+50	50	91.0	228.8																																					
13+00	50	65.7	145.1																																					
13+50	50	36.1	94.3																																					
14+00	50	0.0	33.4																																					
SCHOOL ENTRANCE																				HEBARD AVENUE		TOTAL EXCAVATION EARTH & ROCK		ROCK EXCAVATION CUBIC YARDS		EMBANKMENT CUBIC YARDS		EXCESSES		ACCUMULATIVE EXCESSES										
15+30	20	292.3	165.9																																					
15+50	45	155.7	183.3																																					
15+95	45	64.3	183.3																																					
HEBARD AVENUE																				HEBARD AVENUE		TOTAL EXCAVATION EARTH & ROCK		ROCK EXCAVATION CUBIC YARDS		EMBANKMENT CUBIC YARDS		EXCESSES		ACCUMULATIVE EXCESSES										
20+35	15	173.0	79.3																																					
20+50	50	112.6	180.8																																					
21+00	40	82.7	110.1																																					
21+40	40	66.0	110.1																																					
SAUNDERS AVENUE																				HEBARD AVENUE		TOTAL EXCAVATION EARTH & ROCK		ROCK EXCAVATION CUBIC YARDS		EMBANKMENT CUBIC YARDS		EXCESSES		ACCUMULATIVE EXCESSES										
25+20	30	213.5	192.4																																					
25+50	50	132.9	204.9																																					
26+00	50	88.4	93.0																																					
26+50	50	12.1	93.0																																					
PIERCE STREET																				HEBARD AVENUE		TOTAL EXCAVATION EARTH & ROCK		ROCK EXCAVATION CUBIC YARDS		EMBANKMENT CUBIC YARDS		EXCESSES		ACCUMULATIVE EXCESSES										
30+20	30	185.0	159.0																																					
30+50	50	101.1	137.8																																					
31+00	50	47.7	137.8																																					

REMARKS

EARTH AND ROCK EXCAVATION
SOLID ROCK EXCAVATION (CONC. PVMT. EST. FROM 1931 REC. PLANS)
EARTH EXCAVATION

PLANIMETERED FILL
LESS FACTORED SOLID ROCK
LESS DISPLACEMENT OF ANY LARGE STRUCTURES
NET PLANIMETERED FILL
FACTOR 1.15
PLANIMETERED FILL INCLUDING FACTOR

MATERIALS AVAILABLE FOR FILLS
EARTH EXCAVATION
CHANNEL EXCAVATION
UNDERDRAIN EXCAVATION
STRUCTURE EXCAVATION

TOTAL MATERIAL AVAILABLE FOR FILL

TOTAL FILL INCLUDING FACTOR

TOTAL MATERIAL FOR FILL

BORROW

EXCESS EXCAVATION

PROJECT NAME: HARTFORD
PROJECT NUMBER: RS 0113(40)

FILE NAME: z86c027aty.DGN
PROJECT LEADER: KEN UPMAL
DESIGNED BY: E. ATKINS/K. ISHIKURA

PLOT DATE: 1/11/2007
DRAWN BY: A. DUMITRU
CHECKED BY: K. ISHIKURA
SHEET 16 OF 239