THIS SHEET NOT USED FOR THE RECORD PLANS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL AND DRAINAGE SHEET

STATION	STATION	POS.	ASKEW (NO DFG)	INLET/OUTLET TYPE INLET	INLET/OUTLET TYPE OUTLET	PIPE D (IN)	PIPE L (FT)	ALLOWABLE OPTIONS PCCSP (TH)	ALLOWABLE OPTIONS CMP (TH)	ALLOWABLE OPTIONS CSP (TH)	PIPE ELBOW (NO DFG)	HEADWALL DI, CB OR MH (EA)	CB OR PRCDI (EA)	DEPTH DI (FT)	CONC CLASS B (CY)	CONC CLASS D(MOD) (CY)	REINF STEEL (LBS)	DI GRATE (TYPE)	CHAN ELEV (EA)	CRM (CY)	TRENCH EXCAVATION EARTH (CY)	TRENCH EXCAVATION ROCK (CY)	GRAN BKFILL STRUCT (CY)	FRCN MATT (SY)	STONE FILL (CY)	STONE FILL TYPE	MARKER POSTS LT (EA)	MARKER POSTS RT (EA)	REMARKS	GUARDRAIL BEGIN STATION	GUARDRAIL END STATION	GUARDRAIL POSITION LEFT (FT)	GUARDRAIL POSITION RIGHT (FT)	GUARDRAIL END TREATMENT LEFT (FT)	GUARDRAIL END TREATMENT RIGHT (FT)
VT 15																																			
																														203+00	206+25	325		ANCHOR (1)	
197+80		LT		PRECDI												3.6													PLUG EXISTING 30" ACCGMP @ INLET & FILL CB						
198+00	199+40	LT		CB		30	142	0.079					1	5.0				COVER			397		28				2		6' X 6' CB WITH COVER						
198+38		CL																				8							REMOVE EXISTING 18" CGMP & DI						
198+40	200+40	RT		DI		24	100	0.079						5.5	3.6		303	2-A			117		19					1	4' X 6' DI						
199+40	200+40	LT		CB		30	58	0.079					1					COVER			183						1		6' X 6' CB WITH COVER						
200+40	200+80	RT		DI		24	40	0.079						3.5	2.7		228	2-A			27		11					1	4' X 6' DI						
200+40		CL		DI		24	82	0.079						7.0	4.5		384	2-A			98						1		4' X 6' DI						
200+40		LT		DI		30	68	0.079						4.5	3		237	2-A			183						1		4' X 6' DI						
200+40	201+00	LT				18	60			0.094											27		11						CULVERT UNDER DRIVE						
201+20		RT		PRCDI									1								23							1	4' X 4' PRECAST REINFORCED CONCRETE DROP INLET W/ CAST IRON GRATE (MOD. - CAST IRON COVER)						
201+56		CL																			20	6							REMOVE EXISTING 18" CGMP & DI						
203+60		LT																											REMOVE EXISTING DI (WITH COMMON EXCAVATION)						
204+00		CL														4.3						6							FILL EXISTING 18" CGMP AND REMOVE EXISTING DI						
GLENSIDE AVE.																																			
SL306+50		LT		PRCDI									1								23							1	4' X 4' PRECAST REINFORCED CONCRETE DROP INLET W/ CAST IRON GRATE (MOD. - CAST IRON COVER)						
																														TOTALS		325		ANCHOR (1)	
TOTAL						18	60			0.064			2-CB		13.8	12.9	1152	8-A			1076	18	69				5	4							
						24	222	0.079					2-PRCD					COV (2)																	
						30	268	0.079																											

UNDERDRAIN

BEGIN STATION	END STATION	POSITION	TYPE	DIA IN.	LENGTH FT	TRENCH EARTH CY	TRENCH ROCK CY	GRAN BKFILL CY	FTG EA	MRK POST EA
198+80	200+40	RT	UD	8	166	29			1	1
200+40	204+80	RT	UD	8	460	322			1	1
200+80	201+20	RT	UC(CPEP)	6	156	168				
200+80	203+20	RT	UD	8	260	28			1	1
201+20	203+00	RT	UD(CPEP)	6	260	254			1	1
SL 306+50	201+20	LT/RT	UC(CPEP)	6	88	95				
SL 306+50	SL 308+00	LT	UD	8	150	110				
TOTALS			UD(CPEP)	6	260					
			UC(CPEP)	6	244					
			UD	8	1076					
						1006			4	4

PROJECT NAME: HARDWICK
PROJECT NUMBER: STP ST 030-3(4)

FILE NAME: d04c060engitemdrain.xls
PROJECT LEADER: A. BOMBARDIER
DESIGNED BY: M. NUTTER
ITEM DETAIL AND DRAINAGE SHEET

PLOT DATE: 12/9/98
DRAWN BY: C. JOLLY
CHECKED BY: A. BOMBARDIER
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