ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	DITCH IN	DITCH OUT	PIPE ARCH S IN	PIPE ARCH R IN	PIPE ARCH L FT	PIPE D IN	PIPE L FT	ALLOWABLE OPTIONS PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	PIPE ELBOW NO-DEG	ES EA	CB	PROCEDI	DEPTH DI	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV	CRM CY	TR EXCAV EARTH CY	TR EXCAV ROCK CY	COMM EXC CY	UNC CHAN EXC CY	STRUC EXCAV CY	GRAN BKF STRUC CY	GRAN BORR CY	EROS MATT SY	STONE FILL CY	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	REMARKS
101+33		RT.																																					REMOVE EXISTING 24" X 25' ACCGMP, REMOVED W/ COM. EXCAVATION.
101+33		RT.			X	X				24	44			III		X			1																				NO QUANTITIES PIPE PLACED IN EXISTING DITCH.
102+19		RT.																																					REMOVE EXISTING 24" X 33' ACCGMP, REMOVED W/ COM. EXCAVATION.
102+19		RT.			X	X				24	46			III		X			1																				NO QUANTITIES PIPE PLACED IN EXISTING DITCH.
103+56		RT.																																					REMOVE EXISTING 24" X 25' ACCGMP, AND EXISTING HEADWALLS
103+56		RT.			X	X				24	54			III		X			1																				NO QUANTITIES PIPE PLACED IN EXISTING DITCH.
105+07		RT.																																					REMOVE EXISTING 24" X 30' ACCGMP, REMOVE W/ COM. EXCAVATION
105+06		RT.			X	X				24	36			III		X			1																				NO QUANTITIES PIPE PLACED IN EXISTING DITCH.
106+67		RT.																									12												REMOVE EXISTING 24" X 30' ACCGMP
106+67		RT.			X	X				24	44			III		X			1								15												
108+38		℄	100°-46'-20"																												375								REMOVE EXISTING 54" X 80' ACCGMP
108+27	108+55	LT✓RT.	100°-46'-20"	CHW/CHW						60	104		X	III									4.8	17						4	55	45	250		13	II			
109+00		RT.																															11						CONSRTUCT BERM IN DITCH.
109+78		RT.			X	X				15	32			III		X																							NO QUANTITIES PIPE PLACED IN EXISTING DITCH.
111+32		RT.			X	X				15	32			III		X																							NO QUANTITIES PIPE PLACED IN EXISTING DITCH.
111+93		℄	100°-36'-20"																								23												REMOVE EXISTING 30" X 33' ACCGMP
111+93		℄	100°-36'-20"	SHW/		X	35	24	44				CAAPA						1				3.5	17			10								3	I			
TOTALS							35	24	44	15 24 60	64 224 104		X CAAPA	III III III		X X			5 1				8.3	34			115			4	425	45	261		13 3	II I			

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT MELT	END TREATMENT ANCHOR
107+50	108+65	163		2	
TOTALS		163		2	

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
101+00	108+00	U	RT.	6	700	300			1	1
108+00	108+25	C	RT.	6	25	10				1
108+30	111+85	U	RT.	6	350	75			1	1
200+00	203+00	U	RT.	6	300	96			1	1
TOTAL					1375	481			3	4
ESTIMATED		U		6	200	550			1	1
UNDERDRAIN		C		6	50					
TOTALS	UNDERDRAIN CARRIER				1575 75	1036			4	5

PROJECT: **ST ALBANS**

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

DESIGN FILE NAME: /sqdc/84e076/de076frm.dgn
IPARM FILE NAME: de076drl.i
SURVEYED BY: R.MOREAU
SQUAD LEADER: S. MENARD

PLOT DATE: 20-JAN-1999
SURVEY DATE: 9/90
DRAWN BY: G.MEUNIER
SHEET: 8 OF 45