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	PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PL TH	PIPE ELBOW NO-DEG	ES EA	CB	PRCD	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	DRAINAGE FLAG	REMARKS
28+46	28+73	LT-RT																																						1	REMOVE EXISTING 18" ACCMP
28+40	28+81	LT-RT	45°		X	X				18	58	.064	.060			X																			3	1	1	1		2	NEW 18" PIPE - SEE CROSS SECTION ON SHEET 23. INLET INVERT ELEV = 438.75/OUTLET INVERT ELEV = 433.75 ADJUST EXISTING ROADWAY DITCH AS REQUIRED STA 28+50 - 29+50
29+91	30+23	LT-LT			X	X				18	32	.064	.060			X																					2	0		3	NEW 18" PIPE UNDER FIELD DRIVE. INLET INVERT ELEV = 417.60/OUTLET INVERT ELEV = 412.50 ADJUST ROADWAY DITCH GRADE AS REQUIRED STA 29+75 - 29+91
5+53	5+76	LT-RT																																						4	REMOVE EXISTING 12" CMP
5+53	5+71 53	LT-RT	70°		X	X				18	54 64	.064	.060			X																					1	1		5	NEW 18" PIPE - SEE CROSS SECTION ON SHEET 23. INLET INVERT ELEV = 401.50/OUTLET INVERT ELEV = 399.25
5+25	5+53	LT-LT			X	X																													50	I				6	NEW STONE FILL TYPE I SPECIAL DITCH GRADE DITCH TO MATCH THE INLET INVERT ELEVATION AT 5
10+83	10+89	RT-LT																																						7	REMOVE EXISTING 36" CMP AND HEADWALLS
10+75	10+98	RT-LT	70°		X	X				36	56	.079	.075			X			X																5	IV	1	1		8	NEW 36" PIPE W/END SECTION - SEE CROSS SECTION ON SHEET 23. INLET INVERT ELEV = 387.90/OUTLET INVERT ELEV = 385.00
30+85	10+75	RT-RT			X	X																													20	I				9	CONSTRUCT SWALE FROM ROADWAY DITCH TO INLET OF NEW PIPE 8
21+79		℄																																						10	REMOVE EXISTING 18" ACCGMP
27+10	27+30	LT -RT			X	X				18	43	.079	.075																											11	NEW 18" PIPE
TOTALS										18 36	144 61	.064 .079	.060 .075			X X			1																	5	3			

SEE 20 SCALE LAYOUT SHEETS 10 & 11.

NOTE: FINAL LOCATION AND ELEVATION OF DRAINAGE ITEMS MAY BE ADJUSTED IN THE FIELD AS DEEMED NECESSARY BY THE RESIDENT ENGINEER.

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT
TOTALS				

UNDERDRAIN

STA.	STA.	PROCD	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
TOTALS										

PROJECT: HARTFORD
PROJECT NO.: BRO-BTN 2004(1)

DESIGN FILE NAME: 89J045/structures/sj045drn.dgn
IPARM FILE NAME: sj045drn.i
SURVEYED BY: R. MOREAU
SQUAD LEADER: C.P. WILLIAMS
DRAINAGE SHEET

PLOT DATE: 11-FEB-2005
SURVEY DATE: 5/93
DRAWN BY: K. M. HIGGINS
SHEET: 22 OF 97