STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

Metric

STATION km + m	STATION km + m	POS.	ASKEW no. deg.	INLET/OUTLET TYPE INLET	INLET/OUTLET TYPE OUTLET	DITCH IN	DITCH OUT	PIPE ARCH SPAN mm	PIPE ARCH RISE mm	PIPE ARCH L m	PIPE D mm	PIPE L m	ALLOWABLE OPTIONS PCCSP mm	ALLOWABLE OPTIONS CAAP mm	ALLOWABLE OPTIONS RCP CL	ALLOWABLE OPTIONS CSP mm	ALLOWABLE OPTIONS CPEP SL mm	ALLOWABLE OPTIONS PCCSP PI mm	PIPE ELBOW no. deg.	ES ea	CB ea	PRCCDI	DEPTH DI mm	CONC CLASS B m^3	REINF STEEL kg	DI GRATE type	CHAN ELEV ea	CRM m^3	TRENCH EXCAVATION EARTH m^3	TRENCH EXCAVATION ROCK m^3	COMM EXC m^3	UNC CHAN EXC m^3	STRUCT EXCAV m^3	GRAN BKFILL STRUCT m^3	GRAN BORR m^3	EROS MATT m^2	STONE FILL m^3	STONE FILL type	MARKER POSTS LT ea	MARKER POSTS RT ea	REMARKS
CULVERTS																																									
1+192.9		CL	70.5 RT	DI	DI						450	9	X	X	X		X						2054	2.52	138	E			9.55												
1+194.7	1+251.8	RT		DI	CHANNEL						450	57			X		X		1-20				2209	2.68	141	E			60.83										1	
1+290.8	1+331.2	RT		DI	CHANNEL						600	42			X		X						1953	2.36	124	E			58.84										1	
1+316.0		LT		DI	CHANNEL						450	5			X		X						1800	2.20	120	E			1.00										1	
1+316.3	1+379.7	LT		DI	DI						450	64			X		X						1791	2.20	120	E			3.40										1	
1+331.8	1+359.7	RT		DI	DI						450	30			X		X						1937	2.36	124	E			4.30											
1+338.7	1+351.6	LT/RT																											8.55											EXISTING 450mm RCP - REMOVE
1+360.0		RT		DI	DI						450	3			X		X						950	1.39	70	E			4.47										1	
1+360.3	1+400.0	RT		CAPPED	DI						450	40			X		X																							NO T.E.-PIPE PLACED ABOVE UNDERDRAIN
1+380.3	1+400.0	LT		CAPPED	DI						450	20			X		X																							NO T.E.-PIPE PLACED ABOVE UNDERDRAIN
1+390.0	1+400.0	RT		DITCH	DITCH						450	10			X	X	X																						2	NO T.E.-PIPE PLACED IN DITCH
LINED DITCH																																								
1+360.0	1+390.0	RT				X	X																						4.40								10.8	I			TYPE I STONE LINED DITCH
COLUMN TOTALS											450	9	X	X	X		X						15.71	837	7 E			155.34								10.8	I	1	6	
											450	10			X	X	X		1-20																					
											450	219			X		X																							
											600	42			X		X																							

PROJECT NAME: **BRISTOL**
PROJECT NUMBER: **ER 021-1(13)**

FILE NAME: **str2/78f188/df188dr.xls**
PROJECT LEADER: **Portalupi**
DESIGNED BY: **STR2**
DRAINAGE DETAIL SHEET

PLOT DATE: **6/28/99**
DRAWN BY: **Weeber**
CHECKED BY: **L. Bullock**
SHEET **9** OF **67**