

# DRAINAGE DETAIL SHEET



## DRAINAGE STRUCTURES

DRAINAGE FLAG NO.	STATION km + m	STATION km + m	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH		PIPE		ALLOWABLE OPTIONS							PIPE ELBOW NO. BEG	EL S EA	CB EA	DEPTH DI mm	CONC CL B m <sup>3</sup>	REINF STEEL Kg	DI GRATE TYPE EA	CHAN ELEV EA	CRAM m <sup>3</sup>	TRENCH EXCAVATION		COMM EXC m <sup>3</sup>	UNC CHAN EXC m <sup>3</sup>	STRUCT EXCAV m <sup>3</sup>	GRAN BRFLJ STRUCT m <sup>3</sup>	GRAN BORR m <sup>3</sup>	EROS MATT m <sup>2</sup>	STONE FILL		MARKER POSTS		REMARKS
					INLET	OUTLET	IN	OUT	SPAN mm	RISE mm	L m	D mm	L m	PCCSP mm	CAAP mm	RCP CL	CSP mm	CPEP SL	PCCSP PI mm										EARTH m <sup>3</sup>	ROCK m <sup>3</sup>							m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	
1	10+022.2		LT																																		REMOVE EXISTING RCDI AND CONSTRUCT NEW 1200 X 1200 RCDI				
2	10+022.8	10+030.5	LT																																	EXISTING 310mm RCP - REMOVE (PAY FOR REMOVAL UNDER TRENCH EXCAVATION OF NEW PIPE)					
3	10+030.8		LT																																	EXISTING RCDI - REMOVE					
4	10+031.1	10+030.6	LT																																	EXISTING 310mm RCP - REMOVE (PAY FOR REMOVAL UNDER TRENCH EXCAVATION OF NEW PIPE)					
5	10+022.7	10+038.3	LT								450	14.2																								NEW 450mm OPTION PIPE					
6	10+039.7		LT																																	NEW 1200 X 1200 RCDI					
7	10+040.4	10+049.2	LT			RCDI	RCJB	X			450	2.2																								NEW 450mm RCP PIPE - OUTLET INTO WHETSTONE BROOK - RCJB					
8	10+065.7	10+071.4	RT			RCDI		X			1050	5.5																								NEW 1050mm RCP PIPE - OUTLET INTO WHETSTONE BROOK					
9	10+070.6		LT																																	REMOVE EXISTING RCDI AND CONSTRUCT NEW 1200 X 1200 RCDI					
10	10+070.6	10+072.2	LT			RCDI	RCJB				450	6.1																								NEW 450mm OPTION PIPE, REMOVE EXISTING PIPE					
11	10+072.2		RT																																	REMOVE EXISTING RCDI AND CONSTRUCT NEW 1200 X 1200 RCDI					
12	10+072.2	10+072.6	RT			RCDI	RCJB				450	3.7																								NEW 450mm OPTION PIPE, REMOVE EXISTING PIPE					
13	10+072.4 + 071		-RT	CL																																NEW REINFORCED CONCRETE JUNCTION BOX (RCJB) & PRECAST REINFORCED CONCRETE MANHOLE W/ CAST IRON COVER * (SEE SHEET 4 FOR QUANTITIES AND SHEET 55 FOR DETAILS)					
14	10+073.2		RT				RCJB																													EXISTING 1067mm RCP - OUTLET INTO RCJB					
15	10+071.9	10+073.5	RT				RCJB																													EXISTING 610mm CLAY PIPE - REMOVE 2 SECTIONS AND AND OUTLET INTO RCJB					
16	10 + 043		LT																																	NEW 1200 X 1200 RCJB, OUTLETS THROUGH EXIST 24' X 27' HOLE THROUGH ABUT #1 INTO WHETSTONE BROOK					
TOTALS											450	20.8																													
											450	5.5																													
											1050	5.5																													

PROJECT NAME: BRATTLEBORO  
 PROJECT NUMBER: BRO 2000 (17)  
 FILE NAME: 94J078\structures\ej078dds.T PLOT DATE: 06-FEB-2003  
 PROJECT MANAGER: R. R. WHITCOMB DRAWN BY: G. ROY  
 DESIGNED BY: G. ROY CHECKED BY: T. SUMNER  
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