

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										TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN RAFTL STRUCT	GRAN BORR	EROS MATT	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 FI mm	PIPE ELBOW NO. BEG	E S EA	CB EA	DOOR	DEPTH Di mm	CONC CL B m ³	REINF STEEL kg	DI GRATE TYPE	CHAM ELEV EA							CRAM m ³	EXCAVATION EARTH m ³	EXCAVATION ROCK m ³	m ³	
1	10+022.2		LT																																		REMOVE EXISTING RCD1 AND CONSTRUCT NEW 1200 X 1200 RCD1		
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 RCD1 - REMOVE			
4	10+031.1	10+038.6	LT																																	EXISTING 310mm RCP - REMOVE (PAY FOR REMOVAL UNDER TRENCH EXCAVATION OF NEW PIPE)			
5	10+022.7	10+038.3	LT			RCD1	RCD1					450	14.2																							NEW 450mm OPTION PIPE			
6	10+039.7		LT																																	NEW 1200 X 1200 RCD1			
7	10+040.4	10+049.2	LT			RCD1	RCJB	X				450	2.2																							NEW 450mm RCP PIPE - OUTLET INTO WHETSTONE BROOK - RCJB			
8	10+065.7	10+071.4	RT			RCD1		X				1050	5.5																						NEW 1050mm RCP PIPE - OUTLET INTO WHETSTONE BROOK				
9	10+070.6		LT																																	REMOVE EXISTING RCD1 AND CONSTRUCT NEW 1200 X 1200 RCD1			
10	10+070.6	10+072.2	LT			RCD1	RCJB					450	6.1																						NEW 450mm OPTION PIPE, REMOVE EXISTING PIPE				
11	10+072.2		RT																																	REMOVE EXISTING RCD1 AND CONSTRUCT NEW 1200 X 1200 RCD1			
12	10+072.2	10+072.6	RT			RCD1	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: 94\078\structures\078dds.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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