



STATE OF VERMONT  
AGENCY OF TRANSPORTATION

# DRAINAGE DETAIL SHEET

## DRAINAGE STRUCTURES

STATION km + m	STATION km + m	POS.	PIPE #	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW NO. DEG	S EA	CB EA	P RCDI	DEPTH DI mm	CONC CL B m <sup>3</sup>	REINF STEEL kg	DI GRATE TYPE	CHAN ELEV EA	CRM 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 BK FILL STRUCT m <sup>3</sup>	GRAN BORR m <sup>3</sup>	EROS MATT m <sup>2</sup>	STONE FILL		MARKER POSTS		C.I. COVER	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 mm	CPEP mm											EARTH m <sup>3</sup>	ROCK m <sup>3</sup>							m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>		
U. S. 5 1+062.7	1+104.2	RT-LT	①																																				REMOVE EXISTING PIPE & D. I.			
1+062.7	1+090.0	RT-LT	①							600	38	1.7	2.0																									STONE FILL PAD (TYPE 11) @ OUTLET				
1+090.6	1+103.4	LT	②							450	14																											1.2 X 1.2 RCDI W/ C. I. COVER				
1+102.8	1+104.1	LT	②																																			REMOVE EXISTING PIPE & D. I.				
B. S. H. 2+112.0	1+103.7	RT-LT	③							450	19																															
1+104.7	1+117.4	LT	③																																				REMOVE EXISTING PIPE & D. I.			
1+118.0	1+123.4	LT	④																																				REMOVE EXISTING PIPE & D. I.			
B. S. H. 2+101.5	2+111.9	LT-RT	④							450	24																															
1+124.1	1+140.0	LT	⑤																																				REMOVE EXISTING PIPE & D. I.			
1+140.0		LT	⑥																																				REMOVE EXISTING PIPE & D. I.			
1+140.8	1+152.1	LT	⑦																																				REMOVE EXISTING PIPE & D. I.			
1+152.4	1+153.4	LT	⑧																																				REMOVE EXISTING PIPE & D. I.			
1+152.6	1+181.8	LT	⑨																																				REMOVE EXISTING PIPE & D. I.			
1+157.8	1+167.5	RT-LT	⑩							450	24																															
1+167.5	1+238.7	LT	⑪							450	71																															
1+182.6	1+238.6	LT	⑫																																					REMOVE EXISTING PIPE & D. I.		
1+238.8	1+239.4	LT-RT	⑬																																				RETAIN EXISTING PIPE & D. I.			
1+239.6	1+240.0	RT	⑭																																				RETAIN EXISTING PIPE & D. I.			
1+239.2		LT	⑮																																				RETAIN EXISTING PIPE & D. I.			
TOTALS										450	152																															
										600	38	1.7	2.0																													

PROJECT NAME : BRATTLEBORO PROJECT NO. : NH 2000 (18)

DESIGN FILE NAME: /sqdc/93d191/dd191 frm. dgn PLOT DATE: 8-APR-1999

IPARM FILE NAME: dd191d01.i SURVEYED BY: SURVEY DATE:

SQUAD LEADER: MENARD DRAWN BY: SQUAD C

REVISED 3-7-97 SHEET: 9 OF 67