STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

VAOT Metric

DRAINAGE STRUCTURES

STATION km + m	STATION km + m	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRCDI	DEPTH DI	CONC CL B	REINF STEEL	DI GRATE	CHAN ELEV	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL 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 mm	PCCSP PI mm	NO. DEG	EA	EA	I	mm	m^3	kg	TYPE	EA	m^3	EARTH m^3	ROCK m^3	m^3	m^3	m^3	m^3	m^3	m^2	m^3	TYPE	LT ea	RT ea	
3+003	3+011	LT																										4.6		75						75	I			STONE FILLED DITCH & REMOVE EXISTING PIPE
3+011	3+011	LT/RT		1.2 x 1.8 RCDI							450	11	2.01	1.91			X					1650	2.63	129	D (2)			46.9		1.2						11.2	II	1		TWO CAST IRON GRATES, & REMOVE EXISTING D.I. & 18" PIPE
3+041.4	3+041.4	RT/RT		1.2X1.2 RCDI							450	5					X						2.57	118	E														
3+105	3+140	RT																																						SPECIAL DITCH - COMMON EXCAVATION INCLUDED AS CROSS SECTION EARTHWORK
3+134	3+131	RT/LT		1.2 x 1.2 RCDI	THROUGH WALL						450	13										1800	2.20	120	D			44.8		15										PVC SEWER PIPE USED FOR DRAINAGE. USE 530 SLEEVE THRU WALL.
TEMPORARY EROSION CONTROL																																		70						TEMPORARY EROSION CONTROL
TOTALS											450	11	(3 WAY OPTION PIPE)									4.83	249	3-D				96.3		91.2					70	75	I	1	
											450	12	(PVC SEWER PIPE)																							11.2	II			

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of HARTLAND	Bridge No. 60
Highway No. U.S. ROUTE 5	Log Sta. / Surv. Sta.
U.S. ROUTE 5 OVER LULLS BROOK	

DRAINAGE DETAIL SHEET

Designed By S.E. COSILMON	Drawn By R. REMY / G.F. O'NEIL
Checked By J. R. McDUFFEE Date 2/ 04	Bridge Design Supervisor J. MIECZKOWSKI Date 2/ 04
PROJECT HARTLAND	PROJECT NO. BRS No. 0113(22)
I.G.C. Info. M:\145620\VAOT Hartland\zf204frm.dgn	
Bridge Sheet No.	Sheet 7 of 86

12-AUG-2004