STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

DRAINAGE STRUCTURES

STATION	STATION	POS.	DRAINAGE NOTE	INLET/OUTLET TYPE		DITCH		ELLIPTICAL PIPE			ROUND PIPE		ALLOWABLE OPTIONS						MH	ES	CB	PRCD DI	DI	CONC CL B	REINF STEEL	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 SL	CPEP	EA	EA	EA	I	EA	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	
COLCHESTER TH 4 CONTINUED																																							
10+615	10+566	LT	47								150	49.9	(UNDERDRAIN)															44.9											WITH FLUSHING BASIN
10+620	10+566	RT	48								150	53.9	(UNDERDRAIN)															44.9											WITH FLUSHING BASIN
10+622	10+620	RT-LT	49	DI	DI						450	~~9.9~~ 10.2	1.63	1.52	V		SL					1			E		18											
SHEET SUBTOTAL																												107.8											
											150	103.8	(UNDERDRAIN)																											2 FLUSHING BASINS
											450	9.9	1.63	1.52	V		SL					1																	
COLCHESTER TH 4 TOTAL																												311										1	1	
											150	103.8	(UNDERDRAIN)																											2 FLUSHING BASINS
											450	73.3	1.63	1.52	V		SL					3																	
											450	224.7	1.63	1.52				X	1	1	3		4	1.3	6																1 PC-STORMCEPTOR UNIT (STC1800) OR EQUAL
GRAND TOTAL																												1390	470									6	1	7 TOTAL MARKER POSTS
											150	562.7	(UNDERDRAIN)																											12 FLUSHING BASINS
											375	15.0	1.63	1.52				X		2																				2 ES FOR 375 mm PIPE
											450	395.8	1.63	1.52	V		SL																							2 ES FOR 450 mm PIPE
											450	230.0	1.63	1.52				X		2				1.3	6																
								575	350	9.0					111																											
											450	15.6			V		SL																									
											600	16.1	1.63	1.52	V		SL																									
											600	25.6			V																											
																			2																					2 PC MANHOLES
																				7																				7 PC CATCH BASINS
																						19																		19 PC DROP INLETS
																																					95	1		
																																					76	11		
																									A															2 TOTAL
																									D															4 TOTAL
																									E															20 TOTAL
																																								2 PC-STROMCEPTOR UNITS OR EQUAL

NOTE:

1. ALL PRECAST REINFORCED CONCRETE DROP INLETS, CATCH BASINS, AND MANHOLES SHALL HAVE AN INSIDE DIAMETER OF 1.5 m UNLESS OTHERWISE NOTED.

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

VHB Vanasse Hangen Brustlin, Inc.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of COLCHESTER-SOUTH BURLINGTON	Bridge No. 6
	Log Sta.
Highway No. TH 4/3	Surv. Sta.

TH 4/3 OVER WINOOSKI RIVER & N.E.C.R.

DRAINAGE DETAIL SHEET (4 OF 4)

Designed By S. W. BEKIER	Drawn By B. J. MASSE
Checked By S. M. HODGDON Date 4/05	Bridge Design Supervisor S. M. GUNN Date 4/05
PROJECT COLCHESTER-SOUTH BURLINGTON	PROJECT NO. BRM 5600(6)S C/2
I.G.C. Info.	
Bridge Sheet No. ZD139DR4	Sheet 6F of 124

VHB NO. 50735 plot date: 4/25/2005