STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

Metric

STATION km + m	STATION km + m	POS	ASKEW no. deg	INLET/OUTLET TYPE INLET	INLET/OUTLET TYPE OUTLET	DITCH IN	DITCH OUT	PIPE ARCH SPAN mm	PIPE ARCH RISE mm	PIPE ARCH L m	PIPE D mm	PIPE L m	ALLOWABLE OPTIONS PCCSP mm	ALLOWABLE OPTIONS CAAP mm	ALLOWABLE OPTIONS RCP CL	ALLOWABLE OPTIONS CSP mm	ALLOWABLE OPTIONS CPEP mm	ALLOWABLE OPTIONS PCCSP PI mm	PIPE ELBOW no. deg	ES ea	CB ea		DEPTH DI mm	CONC CLASS B m³	REINF STEEL kg	DI GRATE type	CHAN ELEV ea	CRM m²	TRENCH EXCAVATION EARTH m³	TRENCH EXCAVATION ROCK m³	COMM EXC m³	UNC CHAN EXC m³	STRUCT EXCAV m³	GRAN BKFILL STRUCT m³	GRAN BORR m³	EROS MATT m²	STONE FILL m²	STONE FILL type	MARKER POSTS LT ea	MARKER POSTS RT ea		Drainage Flag	REMARKS
1+062.800	1+064.400	LT - RT		DI	DITCH																																	X	X		1	LINE EXISTING PIPE ITEM 575.20 CULVERT LINING (MOD 1)
1+064.200		RT		PIPE																																					2	NEW STONE FILL TYPE II LINED DITCH
1+062.800	1+062.800	LT		DITCH	PIPE	X																																			3	REHABILITATE DROP INLET ITEM 604.415 REHABING DI CB OR MH CLASS II
1+120.000		LT			PIPE																	900	1.22	67	E															4	NEW 1200 X 1200 CAST IN PLACE CONCRETE DI
1+120.000		LT		DI	DITCH		X				450	7.30	2.1	2.7			X																				X			5	NEW 450 OPTION PIPE
3+166.000		RT		PIPE																																					6	NEW STONE FILL TYPE II LINED DITCH
1+144.600	3+166.000	LT - RT		DITCH	DITCH	X																																			7	LINE EXISTING 610 PIPE ITEM 575.20 CULVERT LINING (MOD 2)
																																									8	NOT USED
1+144.000	1+234.700	LT		PIPE	PIPE																																				9	NEW STONE FILL TYPE II LINED DITCH
1+177.800		LT			PIPE																	1500	1.87	103	E															10	NEW 1200 X 1200 CAST IN PLACE CONCRETE DI
1+177.800		LT		DI	DITCH		X				450	11.70	2.1	2.7			X		1 - 33 1 - 25																		X			11	NEW 450 OPTION PIPE
1+200.400		LT																																							12	REMOVE EXISTING DI & 380 PIPE
1+246.000		LT			PIPE																	1500			E															13	NEW 1200 X 1200 CAST IN PLACE CONCRETE DI
1+246.000		LT		DI	DITCH		X				450	12.60	2.1	2.7			X		1 - 33 1 - 25																		X			14	NEW 450 OPTION PIPE
1+335.000	1+375.000	LT		DITCH	DITCH	X	X				600	40.00	2.1	2.7			X																								15	NEW 600 OPTION PIPE
1+295.000	1+317.000	LT		PIPE	PIPE																																				16	NEW STONE FILL TYPE II LINED DITCH
1+293.000	1+296.200	RT - LT		DITCH	DITCH	X	X				900	21.00	2.8	3.5																											17	NEW 900 OPTION PIPE
3+327.800	3+329.500	LT		PIPE																																					18	NEW STONE FILL TYPE II LINED DITCH
1+293.000	1+299.200	LT - RT																																							19	FILL EXISTING 600 X 1000 PIPE ITEM 501.31 CONCRETE CLASS D (MOD)
1+316.000		RT			PIPE																	1500			E															20	NEW 1200 X 1200 CAST IN PLACE CONCRETE DI
1+316.000		RT - LT		DI	DITCH		X				450	22.00	2.1	2.7			X		1-25																		X			21	NEW 450 OPTION PIPE
1+384.500		RT			PIPE																	1500			E															22	NEW 1200 X 1200 CAST IN PLACE CONCRETE DI
1+384.000	1+384.500	RT		DI	DI						450	30.75	2.1	2.7			X		1 - 33 1 - 33																					23	NEW 450 OPTION PIPE
1+384.000		RT		PIPE	PIPE																	2400	2.84	155	D													X		24	NEW 1200 X 1200 CAST IN PLACE CONCRETE DI
1+384.000		RT			DI																																			25	NEW STONE FILL TYPE II LINED DITCH
1+348.000	1+384.000	RT		DI	DITCH																																		X	26	LINE EXISTING 910 PIPE ITEM 575.20 CULVERT LINING (MOD 3)
1+390.000	1+414.000	RT																																							27	ABANDON EXISTING 310 X 310 PIPE
1+392.000	1+408.000	RT - LT		DITCH	DITCH	X	X																																		28	FILL EXISTING 910 X 910 CONCRETE BOX ITEM 501.31 CONCRETE CLASS D (MOD)
1+460.000	1+520.400	LT			PIPE																																				29	NEW STONE FILL TYPE II LINED DITCH
1+518.000	1+518.500	LT - RT		DITCH		X																																			30	REMOVE EXISTING 450 PIPE
1+517.400	1+518.000	LT - RT		DITCH	DITCH	X	X				450	18.30	2.1	2.7			X																					X	X		31	NEW 450 OPTION PIPE
1+518.000		RT		PIPE																																					32	NEW STONE FILL TYPE II LINED DITCH
3+251.200		LT - RT		DITCH		X																																			33	CLEAN EXISTING 380 PIPE ITEM 601.995 CLEANING CULVERT PIPE IN PLACE
																			7				11.54	634													6	40			

SEE SPECIAL PROVISIONS FOR ITEM MODIFICATION INFORMATION

MAY 30 2006

PROJECT NAME:	Barton		
PROJECT NUMBER:	STP 0113(58)S		
FILE NAME:	sc116dds.xls	PLOT DATE:	5/7/01
PROJECT LEADER:	C.P. Williams	DRAWN BY:	P.G. Jarvis
DESIGNED BY:	W.B. Symonds	CHECKED BY:	W.B. Symonds
DRAINAGE DETAIL SHEET	R.O.W. SHEET 9 OF 16 SHEETS		