STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

Metric

STATION	STATION	POS.	NOTE #	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRCDI	DEPTH DI	CONC CLASS 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		GEOT. UNDER STONE FILL		REMARKS
km + m	km + m			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	PCCSP PI mm	no. deg.	ea	ea		m	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	m^2		
7+560	7+660	LT/LT	DN 1	PRCDI-A							450	99.0			III		X				1	1.75			B			259.2										1				
7+660	7+660	RT/LT	DN 3	PRCDI-A							450	22.0			III		X				1	1.83			B			64.2											1			
7+660	7+750	LT/LT	DN 2	PCCDI-A							450	89.0			III		X				1	1.92			B			252.9										1				
7+750	7+750	RT/LT	DN 4	PRCDI-A							450	20.0			III		X				1	1.84			B			60.3											1			
7+750	7+840	LT/LT	DN 5	PRCDI-A							450	89.0			III		X				1	2.03			B			268.1										1				
7+840	7+840	RT/LT	DN 6	PRCDI-A							450	21.0			III		X				1	1.74			B			63.1											1			
7+840	7+860	LT/LT	DN 7	PRCDI-A	E.S.						450	21.0			III		X			1	1	1.97			B			58.2		1.0					1.0	II	2		4.9		
7+905	7+944	LT/LT	DN 8	E.S.	E.S.						450	38.2	1.63	1.52				X	2-45	2								113.6									2			
7+905	7+905	LT/RT	DN 9	PRCDI-A							450	10.2			III		X				1	2.30			E			53.6														
7+905	7+915	RT/RT	DN 10	PRCDI-A	E.S.						450	10			III		X			1	1	2.40			E			51.4											1			SPECIAL DITCH 7+915 TO 7+939 (SEE BRIDGE PLAN)
8+270	8+277.8	LT/LT	DN 11	PRCDI-A							450	15.7					X		2-45			2.17			D					2.9					2.9	II	1		10.8		PROVIDE 1m STUBS FOR FUTURE CONNECTIONS
8+290		LT	DN 17																																					PLUG AND ABANDON EXISTING 600 mm RCP WITH CONTROLLED DENSITY (FLOWABLE) FILL
8+284.9	8+300.5	LT/LT	DN 14	PRCDI-B							900	14.5			III		X				1	2.90			BX2			78.8		11.6					11.6	II	2		31.3		SEE DETENTION BASIN GRADING PLANS
8+349	8+300	LT/LT	DN 13	PRCDI-C							750	48			III		X				1	3.80			E			405.3														PROVIDE 1m STUBS FOR FUTURE CONNECTIONS
8+300	8+289.3	LT/LT	DN 12	PRCDI-B							750	18					X				1	4.23			E			7.0		8.1					8.1	II	1		23.4		SEE DETENTION BASIN GRADING PLANS
8+232.5	8+256.0	LT/LT	DN 16	E.S.							375	23	1.63	1.52						1																	2			
SHEET TOTALS											375	23	1.63	1.52					4-45	5	1	12					9	TYPE B	1735.7		23.6					23.6	II	13	4	70.4		
											450	381.2			III		X										1	TYPE D													
											450	15.7					X																								
											450	38.2	1.63	1.52				X									4	TYPE E													
											750	18					X																								
											750	48			III		X			1	375mm																				
											900	14.5			III		X			4	450mm																				

PROJECT NAME:	MORRISTOWN
PROJECT NUMBER:	STP F 029-1(2)C/1
FILE NAME:	z10b194dds.xls
PROJECT LEADER:	DMB
DESIGNED BY:	RPH
DRAINAGE DETAIL SHEET	
PLOT DATE:	11/2/2011
DRAWN BY:	MJF
CHECKED BY:	JWS
SHEET	14 OF 123