STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB		DEPTH DI	CONC CLASS 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			PIPE #	REMARKS
				INLET	OUTLET	IN	OUT	SPAN	RISE	L	D	L	PCCSP	CAAP	RCP	CSP	CPEP	PCCSP PI										EARTH	ROCK									LT	RT		
			NO. DEG.					IN	IN	FT	IN	FT	TH	TH	CL	TH	SL	TH	NO. DEG.	EA	EA		FT	CY	LBS	TYPE	EA	CY	CY	CY	CY	CY	CY	CY	CY	CY	CY	TYPE	EA	EA		
2+47.21	2+48.39	LT-RT	89.0 RT	PIPE	PIPE						24	63					X										58					51			9.3	II	*	1			REPLACE EXISTING 18" HDPE WITH 24" CPEP.
4+86.76	5+05.36	LT-RT		PIPE	PIPE																														7.8	II	*	1			CLEAN AND FLUSH CULVERT.
6+86.20	6+92.61	LT-RT	83.7 RT	PIPE	PIPE						36	56					X										84					69			7.4	II	*	1			REPLACE 30" RCP WITH 36" CPEP.
9+02.68	8+91.80	LT-RT	76.5 LT	DI	PIPE						24	44					X						5	2.6	231	A			56					47					*	1			REMOVE EX. DI AND EX. 24" RCP. INSTALL 4'X6'
11+38.68	11+40.25	LT-RT	88.2 RT	DI	PIPE						24	48					X						5	2.6	231	A			82					73					*	1			PRECAST DI AND 24" CPEP. REMOVE EX. DI AND EX. 18" RCP. INSTALL 4'X6'
13+13.14	13+12.00	LT-RT	88.7 RT	DI	PIPE						24	48					X						5	2.6	231	A			73					52					*	1			PRECAST DI AND 24" CPEP REMOVE EX. DI AND EX. PIPE. INSTALL 4'X6'
15+50.82	15+24.90	LT-RT		DI	PIPE						18	12			X								5	2.6	231	A			21					17					*	1			PRECAST DI AND 24" CPEP. REMOVE EX. DI. INSTALL PRECAST DI WITH 4'-0"
																																									EXTENSION. REPLACE 8'-0" RCP ON OUTLET. * = MARKER POST FROM UNDERDRAIN
SUBTOTAL																											374					309			24.5		0	7			
ROUNDING																																1										
TOTAL																											374					310			24.5		0	7			

PROJECT NAME: MORETOWN
PROJECT NUMBER: ER STP 0167(15)

FILE NAME: z12c524detail.dgn
PROJECT LEADER: J. TUCKER
DESIGNED BY: B. BRESLEND
DRAINAGE DETAIL SHEET

PLOT DATE: 2/17/2015
DRAWN BY: B. MACK
CHECKED BY: A. SANZ
SHEET 18 OF 57