ITEM DETAIL & DRAINAGE SUMMARY SHEET DD-2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	DITCH IN	DITCH OUT	PIPE ARCH S IN	PIPE ARCH R IN	PIPE ARCH L FT	PIPE D IN	PIPE L FT	ALLOWABLE OPTIONS PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	PIPE ELBOW NO-DEG	ES EA	CB	RCCD I	DEPTH DI FT	~~CONC CL B~~ PRECAST HEADWALL ~~CY~~ IEA	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV	CRM CY	TR EXCAV EARTH CY	TR EXCAV ROCK CY	~~UNC EXC~~ SOLID ROCK CY	UNC CHAN EXC CY	STRUC EXCAV CY	GRAN BKF STRUC CY	GRAN BORR CY	GEO UNDER DRAIN SY	STONE FILL CY	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	6" UNDER DRAIN LF	6" CARR. PIPE LF	REMARKS
VT ROUTE 107																																										
BETHEL:											48												1																			PRECAST
B 18+24.6		LT/RT		ES/HW	X	X				36	~~45~~			III					I				~~5.63~~	~~800~~						82.6			72 ~~40~~									INSTALL NEW 36'' RCP WITH HEADWALL PER VTRANS STANDARD
																																										D-33. PIPE INLET INVERT IN ELEVATION 569.55 AND OUTLET
																																										INVERT IN ELEVATION 567.85. REMOVE CONCRETE BOX
		℄									54				III						I							99.1					29.7									4'-0"
B 24+40.1		~~RT~~		DI/ES	X					18	~~4~~				~~0.064~~	X		I			I	4.5			A			~~14~~					~~1~~	~~3~~								REMOVE DI AND INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER
																																										VTRANS STANDARDS D-6 & D-11. TOP OF FRAME ELEVATION
																																										576.20. ~~EXTEND EXISTING 18" CSP.~~ PIPE INVERT IN
																																										ELEVATION 572.68. NEW 18" CPEP CROSS PIPE
		RT								18	25																		9.2				2.3									4'-0"
B 36+45.5		~~RT~~ ℄		DI/ES	X					18	~~4~~	56'			~~0.064~~	X					I	4.5			A		109.3	~~19~~	3.2			29.7	~~2~~	~~8~~							REMOVE DI AND INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER
																																										VTRANS STANDARDS D-6 & D-11. TOP OF FRAME ELEVATION
																																										597.71. ~~EXTEND EXISTING 18" CSP.~~ PIPE INVERT IN
																																										ELEVATION 594.09. NEW 18" CPEP CROSS PIPE
																												6.9	9.3				13.2									4'-0"
B 42+21.7		RT		DI/ES	X					18	~~6~~	3.5'		III							I	3.5			A			~~7~~	5				~~3~~	5								INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER VTRANS STANDARDS
										18	20					X																											D-6 & D-11. TOP OF FRAME ELEVATION 593.08.
																																										EXTEND EXISTING 18" RCP. PIPE INVERT IN ELEVATION 590.37.
																																										PLACE 18" X 20' CPEP IN DITCH LINE
B 44+15.3		RT		ES/ES	X					18	~~4~~	52'			~~0.064~~	X												50.1					18.3									EXTEND EXISTING 18" CSP. NEW 18" CPEP CROSS PIPE
B 131+61.7		RT		DI/ES	X					18	~~4~~	6.5'		~~III~~	0.069	X					I	5.5			A			~~22~~ 15.4	3.3			10.6	~~3~~	~~10~~								REMOVE DI AND INSTALL NEW 4'X4' PRCC DI W/GRATE PER
																																										VTRANS STANDARDS D-6 & D-11. TOP OF FRAME ELEVATION
																																										582.08. EXTEND EXISTING 18" ~~RCP.~~ CSP. PIPE INVERT IN ELEVATION
																																										577.61. UNDERDRAIN INVERT ELEVATION 579.78. REMOVE EXISTING DI
																												9.2														4'-0"
B 133+20.6		RT		DI/ES	X					18	~~2~~	2.5'			0.064						I	4.0			A			~~10~~	2.6				I	~~1~~								REMOVE DI AND INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER
																																										VTRANS STANDARDS D-6 & D-11. TOP OF FRAME ELEVATION
																																										582.19. EXTEND EXISTING 18" CSP. PIPE INVERT IN ELEVATION
																																										578.87. UNDERDRAIN INVERT ELEVATION 580.21. REMOVE EXISTING DI
																												14.1					11.9									4'-0"
B 136+89.2		RT		DI/ES	X					18	~~4~~	5'		III							I	4.0			A			~~13~~	2.7				~~1~~	~~2~~								REMOVE DI AND INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER
																																										VTRANS STANDARDS D-6 & D-11. TOP OF FRAME ELEVATION
																																										575.16. EXTEND EXISTING 18" RCP. PIPE INVERT IN ELEVATION
																																										571.82. UNDERDRAIN INVERT ELEVATION 573.00. REMOVE EXISTING DI
																												21.4					1.7									5'-0"
B 142+25.0		RT		DI/ES	X					30	~~4~~	7'			0.079						I	5.5			B			~~27~~	5.8				~~3~~	~~11~~								REMOVE DI AND INSTALL NEW ~~4'X6'~~ PRCC DI W/TWO GRATES
																																										PER VTRANS STANDARDS D-6 & D-16. TOP OF FRAME ELEVATION
																																										557.74. EXTEND EXISTING 30" CSP. PIPE INVERT IN
																																										ELEVATION 552.75. REMOVE EXISTING DI
B 146+24.0		RT		ES/ES	X					24	~~4~~	8'		III	~~0.064~~													5.75	2.00				4.0									EXTEND EXISTING 24" CSP. REMOVE EXISTING HEADWALL
THIS SHEET SUBTOTALS:										18				14	14						7	31.5						112	5				54	40								
										24					4																											
										30					4																											
										36				45					I				5.63	800																		
SHEET 20 SUBTOTALS:										15				4	2						9	40.0						125	11				20	47								
										18				4	20	22																										
										24						2																										
ROUNDING:														-	-	-					-	-	0.37	-				-	-				-	-								
TOTALS:										15				4	2				I		16	71.5	6.00	800				237	16				74	87								
										18				18	34	22																										
										24					4	2																										
										30					4																											
										36				45																												

ITEM DETAIL AND DRAINAGE SUMMARY SHEET #2

PROJECT NAME: STOCKBRIDGE-BETHEL

PROJECT NUMBER: STP 2910(1)

FILE NAME: z10b214_1dds_02.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: L.M.B.
IPARM FILE: z10b2141dds2.i

PLOT DATE: 3/17/2014
DRAWN BY: W.G.P.
CHECKED BY: J.P.S.
SHEET 21 OF 397

FILE NAME = V:\Projects\ANY\K2\22426\CADD_MSTN\z10b214_1dds_02.dgn
DATE/TIME = 3/17/2014
USER = 4916