ITEM DETAIL & DRAINAGE SUMMARY SHEET DD-1

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	CB	PRCC DI	DEPTH DI FT	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV	CRM CY	TR EXCAV EARTH CY	TR EXCAV ROCK CY	UNC EXC 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																																											
STOCKBRIDGE:																																											
																																											REHAB DI, CLASS I
17+13.1		LT		DI/DI						~~15~~	~~2~~				~~0.064~~					~~I~~	~~6.0~~			~~D~~			~~22~~					~~I~~	~~12~~									~~REMOVE DI AND INSTALL NEW 4'X4' PRCC DI W/GRATE PER~~
																																											~~VTRANS STANDARDS D-8, D-10, & D-15. TOP OF FRAME~~
																																											~~ELEVATION 766.80. EXTEND EXISTING 15" CSP. PIPE INVERT~~
																																											~~IN ELEVATION 760.53.~~
44+32.0		℄			X	X				18	50					X											37.5					34.2										INSTALLED NEW 18" CPEP CROSS PIPE
49+79.5		~~RT~~ ℄		DI/ES	X					18	~~4~~ 60			~~III~~		X					I	4.0			A		~~II~~	53.4			40.8	~~I~~	~~I~~								REMOVE DI AND INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER 4'-0"
																																											VTRANS STANDARDS D-6 & D-II. TOP OF FRAME ELEVATION
																																											780.02. ~~EXTEND EXISTING 18" RCP. PIPE INVERT IN ELEVATION~~
																																											~~776.95.~~ UNDERDRAIN INVERT ELEVATION 778.37. NEW 18" CROSS PIPE
69+17.0		℄			X	X				24	60					X											56.6					48.6										INSTALLED NEW 24" CPEP CROSS PIPE
115+17.8		RT		DI/ES	X					18	~~24~~ ~~2~~ 6				X	~~X~~					I	5.0			A		~~16~~	3.3			15.4	~~I~~	~~3~~								REMOVE DI AND INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER 4'-0"
																																											VTRANS STANDARDS D-6 & D-II. TOP OF FRAME ELEVATION
																																											705.06. EXTEND EXISTING ~~24" CPEP.~~ 18" CPEP
																																											UNDERDRAIN INVERT ELEVATION 702.64.
186+97.0		℄								18	49					X											6.6																INSTALLED NEW 18" CPEP CROSS PIPE
145+10.1		RT		DI/ES	X					18	~~15~~ ~~4~~ 7.5			III							I	3.5			A		~~II~~	7.3			9.4	~~2~~	~~4~~								REMOVE DI AND INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER 4'-0"
																																											VTRANS STANDARDS D-6 & D-II. TOP OF FRAME ELEVATION
																																											750.42. EXTEND EXISTING 15" RCP. PIPE INVERT IN
																																											ELEVATION 747.97.
219+36.0		RT		DI/ES						15	7			III							I				B		13.9	5.5				6.2										NEW 4'-0" PLDI WITH 15" X 7' RCP EXTENSION
224+75.2		LT		DI/ES						~~18~~	~~6~~					X					I	4.5			D		20					5	10								~~REMOVE DI AND INSTALL NEW 4'X4' PRCC DI W/ GRATE PER~~
																																											~~VTRANS STANDARDS D-8, D-10, & D-15. TOP OF FRAME~~
																																											~~ELEVATION 721.33. EXTEND EXISTING 18" CPEP. PIPE INVERT~~
																																											~~IN ELEVATION 716.45.~~ REHAB DI
306+84.6		RT		DI/ES	X					18	~~4~~ 5.33					X					I	3.5			A		8.7 ~~6~~	9.8 ~~5~~				7.2 ~~3~~	~~3~~								4'-0" INSTALL NEW ~~4'X4'~~ PRCC DI W/ GRATE PER VTRANS STANDARDS
																																											D-6 & D-II. TOP OF FRAME ELEVATION 603.33.
																																											EXTEND EXISTING 18" CPEP. PIPE INVERT IN ELEVATION 600.60.
312+26.6		RT		DI/ES	X					18	~~4~~ 5					X					I	6.5			A		2.9 ~~21~~	13.9				8.8 ~~3~~	~~9~~								4'-0" REMOVE DI AND INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER
																																											VTRANS STANDARDS D-6 & D-II. TOP OF FRAME ELEVATION
																																											605.24. EXTEND EXISTING 18" CPEP. PIPE INVERT IN
																																											ELEVATION 599.61.
314+23.1		~~RT~~ ℄		DI/ES	X					18	~~4~~ 45				~~0.064~~	X				I	3.5			A		49.2 ~~8~~	7.5 ~~2~~				~~I~~ 21.5	~~2~~								4'-0" INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER VTRANS STANDARDS
																																											D-6 & D-II. TOP OF FRAME ELEVATION 604.84.
																																											~~EXTEND EXISTING 18" CSP. PIPE INVERT IN ELEVATION 602.11.~~
~~314+23.1~~		~~LT~~		~~ES/ES~~		~~X~~				~~18~~	~~6~~				~~0.064~~														~~2~~					~~2~~								INSTALL NEW 18" X 45' CPEP CROSS PIPE ~~EXTEND EXISTING 18" CSP.~~
324+50.1		RT		ES/ES	X	X				18	~~6~~ 10				~~0.064~~												7.5	1.4														EXTEND EXISTING 18" CSP. REMOVED EXISTING HEADWALL
329+72.8		RT		ES/ES	X					18	4					X																										EXTEND EXISTING 18" CPEP.
334+18.2		RT		ES/ES	X					18	~~4~~ 5					X											20.6	2.1														EXTEND EXISTING 18" CPEP. REMOVED EXISTING HEADWALL
342+20.5		RT		DI/ES	X					18	~~4~~ 62				~~0.064~~	X				I	3.5			A		~~10~~ 43.2	~~2~~ 7.9				~~3~~ 24.4	~~1~~								4'-0" INSTALL NEW ~~4'X4'~~ PRCC DI W/GRATE PER VTRANS STANDARDS
																																											D-6 & D-II. TOP OF FRAME ELEVATION 587.75.
																																											~~EXTEND EXISTING 18" CSP.~~ PIPE INVERT IN ELEVATION 585.03.
THIS SHEET SUBTOTALS:										15				4	2					9	40.0					125	11				20	47								
										18				4	20	22																									
										24						2																									

ITEM DETAIL AND DRAINAGE SUMMARY SHEET #1

PROJECT NAME: STOCKBRIDGE-BETHEL — INSTALL NEW 18" CPEP CROSS PIPE
PROJECT NUMBER: STP 2910(1)

FILE NAME: z10b214_1dds_01.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: L.M.B.
IPARM FILE: z10b2141ddsl.i

PLOT DATE: 3/17/2014
DRAWN BY: W.G.P.
CHECKED BY: J.P.S.
SHEET 20 OF 397

FILE NAME = W:\Projects\ANY\K2\22428\CADD_MSTN\z10b214_1dds_01.dgn
DATE/TIME = 3/17/2014
USER = 4916