

ITEM DETAIL & DRAINAGE SUMMARY SHEET DD-1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

604.20 DRAINAGE STRUCTURES GEO UNDER STONEFILL

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	DITCH IN OUT	PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW NO-DEG	E S	P CB	DEPTH DI FT	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV CY	TR EARTH CY	EXCAV ROCK CY	COMM EXC CY	UNC CHAN EXC CY	STRUC EXCAV CY	GRAN BKF STRUC CY	GRAN BORR CY	GEO UNDER DRAIN SY	STONE FILL		MRKR POSTS LT RT	6' UNDER DRAIN LF	6' CARRIER PIPE LF	REMARKS
						S IN	R IN	L FT	D IN	L FT	PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH																	CR	EX				
123+55.2	123+80.6	RT/LT		(ES)/(ES)																																REMOVE EXISTING 18 INCH RCP PIPE.		
123+55.2	123+80.6	RT/LT		ES/ES	X	X			18	77 84				0.064	X			2																		INSTALL 18 INCH PIPE TO OUTLET TO SLOPE.		
125+15.8	125+40.6	RT/LT		RCDI/(ES)																															REMOVE EXISTING 4 FT x 4 FT DI AND 18 INCH CGMP PIPE.			
125+15.8	125+40.6	RT/LT		RCDI/ES		X			18	90 72			0.064	X			1	+	1	0 8.7	0 3.9	0 347	A		98.7	472										INSTALL 4 FT x 4 FT DI W/GRATE. INSTALL 18 INCH PIPE TO OUTLET INTO STREAM.		
126+53.8	126+85.6	RT/LT		RCDI/(ES)																															REMOVE EXISTING 4 FT x 4 FT DI AND 18 INCH CGMP PIPE.			
126+53.8	126+85.6	RT/LT		RCDI/ES		X			18	50 58			0.064	X			1	+	1	0 7.3	0 3.1	0 230	-		41.9	78									INSTALL 4 FT x 4 FT DI W/GRATE. INSTALL 18 INCH PIPE TO OUTLET TO SLOPE.			
124+00.0	130+00.0	RT/LT																																	INSTALL UNDERDRAIN AND CARRIER PIPE AS DIRECTED BY THE RESIDENT ENGINEER. SEE VAOT STD. SHEET D-30 FOR UNDERDRAIN INSTALLATION DETAILS.			
126+54	130+75																																					
129+15		RT																																	STONE PAD			
219+00		LT																																	STONE GUTTER			
220+40		LT																																	STONE SLOPE			
223+80.0	224+59.0	RT/RT		RCDI/(ES)																															REMOVE EXISTING 2 FT x 2 FT DI AND 15 INCH CGMP. OUTLET 6' UNDERDRAIN IN CATCH BASIN			

TOTALS

18 217
214 0.064 X 4 2 2 16.0 7.0 577
0 0 0 -621 308.6 43.3 800 0 1 1 3 3 500 50
1.4 1.4 395 20

PROJECT NAME: WILMINGTON
 PROJECT NUMBER: HES_OIO-1(38)
 FILE NAME: 05c324dr.a.dgn PLOT DATE: 2024/03/27
 PROJECT LEADER: DEG DRAWN BY: CAK
 DESIGNED BY: DWE CHECKED BY: DWE
 ITEM DETAIL & DRAINAGE SUMMARY SHEET DD-1 SHEET 84 OF 125