

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

DRAINAGE AND ITEM DETAIL SHEET



STATION		POS.	DRAINAGE SYSTEM ID NUMBERS	203.J5	203.I6	203.28	204.20	204.21	PIPE					ALLOWABLE OPTIONS			DEPTH DI	CONC CL B	REINF STEEL	GRATE TYPE D	60L99	604.40	604.412	604.415	604.418	616.21	616.41	618.J0	618.20	REMARKS
BEGIN	END			COMMON EXCAV. m³	SOLID ROCK EXCAV. m³	EXCAV. OF SURFACES AND PAVEMENT m³	TRENCH EXCAV. OF EARTH m³	TRENCH EXCAV. OF ROCK m³	D	L	PCCSP	PVC SEWER PIPE AWWA C905 mm	RCP	CPEP SL	PCCSP P1	mm					m³	KG	EA	RELAYING PIPE CULVERTS	CHAN ELEV	REHAB DI CLASS I	REHAB DI CLASS II	REHAB DI CLASS III	VERTICAL GRAINITE CURB	
U. S.	7																													
0+134.0	0+134.7	RT-LT	(1)				19.3	2.7	450	12.5																			INSTALL NEW 450mm PVC SEWER PIPE AWWA C905. CONSTRUCT NEW RCDI (1.2x1.2) AT INLET.	
0+134.7	0+145.13	LT.	(2)				15.1	2.1	450	10		III	X																INSTALL NEW 450mm OPTION PIPE. CONSTRUCT NEW RCDI (1.2x1.2) AT INLET.	
0+139.03	0+144.24	RT.	(3)				4.0	0.6																					REMOVE EXISTING 375mm RCP AND RCDI AT INLET. BACKFILL PER UTILITY AND DRAINAGE CUT DETAIL.	
0+139.73	0+145.21	LT.	(5)				4.0	0.6																					REMOVE EXISTING 450mm RCP AND RCDI AT INLET. BACKFILL PER UTILITY AND DRAINAGE CUT DETAIL.	
0+144.24		RT.	(10)					2.6																					REMOVE EXISTING RCDI. BACKFILL PER UTILITY AND DRAINAGE CUT DETAIL.	
0+144.24	0+145.22	RT-LT	(4)																										CUT, PLUG, AND ABANDON EACH END OF EXIST. 450mm RCP	
0+145.21		LT.	(1)					2.6																					REMOVE EXISTING RCDI. BACKFILL PER UTILITY AND DRAINAGE CUT DETAIL	
0+154.13		LT.	(3)																										RAISE EXISTING RCDI TO SURFACE	
0+154.13	0+155.0	LT-RT	(2)				21.8	3.2	450	14																			INSTALL NEW 450mm PVC SEWER PIPE AWWA C905, CONSTRUCT NEW RCDI (1.2x1.8) AT INLET, CONNECT TO EXIST. RCDI AT OUTLET.	
0+154.13	0+156.1	LT-RT	(6)				20.8	2.3																					REMOVE EXISTING 450mm RCP & RCDI AT INLET. BACKFILL PER UTILITY AND DRAINAGE CUT DETAIL.	
VT.	140																													
1+071.93	1+074.12	RT.	(4)				10.1	1.1	450	2		III																	EXTEND EXIST. 450mm RCP AT INLET W/NEW 450mm RCP. CONSTRUCT NEW RCDI (1.2 x 1.8) AT INLET.	
1+085.76	1+095.39	LT.	(7)				14.7		450	9		III	X																INSTALL NEW 450mm OPTION PIPE. CONSTRUCT NEW RCDI (1.2x1.2) AT INLET.	
1+087.99	1+096.99	RT.	(9)				14.7																						REMOVE 9M OF EXISTING RCP AT OUTLET.	
1+095.39	1+096.26	LT-RT	(8)				18.5		450	11																			INSTALL NEW 450mm PVC SEWER PIPE AWWA C905. CONSTRUCT NEW RCDI (1.2x1.2) AT INLET.	
BULB-OUT A				17.0	4.11																			20.5	15.5	50.1	6.5	CONSTRUCT SIDEWALK AND RAMPS, TYPE V		
BULB-OUT B				25.2	11.68																			28.5	11.0	79.9	6.5	CONSTRUCT SIDEWALK AND RAMPS, TYPE V		
BULB-OUT C				17.0	4.97																			21.0	18.5	61.1	6.5	CONSTRUCT SIDEWALK AND RAMPS, TYPE V		
BULB-OUT D				15.3	2.97																			20.0	13.5	41.2	6.5	CONSTRUCT SIDEWALK AND RAMPS, TYPE V		
BULB-OUT RETAINING WALL				6.8	3.50											4.00	600													
SUBTOTALS				81.3	27.23		175.6	25.6	58.5			37.5	21	19		18.46	1266	6						90	58.5	232.3	25.2			
ROUNDING				3.7	0.77		4.4	0.4	3.5			2.5	1	1		1.54	34	-						5	1.5	2.7	0.8			
TOTALS				85	28		180	26	62			40	22	20		20.00	1300	6						95	60	235	26			

PROJECT NAME: WALLINGFORD  
PROJECT NUMBER: NHG SGNL(26)S/STP ADAS(2)  
FILE NAME: zc294frm.dgn  
PROJECT LEADER: GAS  
DESIGNED BY: RAW  
**DRAINAGE AND ITEM DETAILS**

PLOT DATE: 01/28/02  
DRAWN BY: MBL  
CHECKED BY: GAS  
SHEET 5 OF 25

Scan-dr2

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