



# Appendix D

## Drainage Infrastructure

Ulster & Delaware Railroad Corridor Culvert Data Table

Number	Station	Size / Dia.	Length (ft.)	Material	Headwall	Upstream	Downstream	Culvert	repairs necessary
1	20+45	24"		CMP	Concrete			Under road, 50% blocked	None
2	28+60	24"	22	Steel	Concrete	Stone and grass lined swale	Outlet into roadside ditch		
3	37+75	-	45	Stone		Buried Inlet			Inlet buried 5ft. below grade, outlet headwall collapsed
4	61+50	12"	14	Steel	None	50% Buried	100% Buried	Replace or Reset	Replace existing culvert, completely buried outlet, 50% buried inlet
5	67+50	5x3.5		Stone		Minor Debris Clearing	Good condition	Double Barrell	
6	72+60	2x24"	65	Steel	Stone	Collapsed Halfway		Water Flowing through Stacked Stone	Two Steel culverts, headwall collapsing, sinkhole above collapsed middle of culvert. Replace single large culvert.
7	96+95	3x3	75	Stone	Stone	Mostly Blocked	Apparent flow channel	flows okay	Clear inlet
8	117+65	-	25	Stone	Stone	Stone catch basin partially collapsed	Head Wall Collapsed	Appears clean and flows well	catch basin and culvert rehab, headwall collapse
9	125+00							New Culvert	
10	137+60	18	13	Steel	Stone	Partially Blocked			Replace
11	159+20	-	30	Stone		defined swale, wall collapsed	outlet not found		Replace
12	166+40	12"	32	Clay	Stone	Clogged		Cracked within culvert	Cracked within culvert and inlet clogged replace
13	178+50	3x3	30	Stone	None	Not found	collapsed	Flowing Water	Replace
14	179+50	12"	30	HDPE				Culvert under winding mt. rd.	
15	181+80	8"	30	Clay	None	Partially Blocked	Defined Channel		Upstream partially blocked , fair condition replace
16	191+00	12"	25	CMP	Stone	Defined Channel	Pipe beyond headwall		Replace, pipe extends beyond headwall
17	191+60	24"	20	Steel	Stone	Collapsed			Inlet headwall collapsed, rehab
18	193+75	24	19	Stone	Stone	15-20ft flow channel		9h*5base*3top, trapezoidal	
19	194+80	20"		steel		washout	washout	bad	install new box culvert or sseveral large culverts
20	195+80	12"	12	Clay	Stone	buried, flow down sideslope	50% buried		inlet buried and outlet 50% buried, replace to accommodate two stream channels
21	196+40	12	12	?	Stone	buried, ballast erosion under ties	tall headwall		
22	210+20	24"	25	?	Stone	Headwall collapsed		clogged	Inlet headwall collapsed and clogged
23	214+60	24"	18	Steel	Stone	Flowing	Rebuild Headwall		Rebuild outlet headwall, good condtion rehab
24	216+60	12"	22	CMP	Stone	buried	ok		pipe inlet buried
25	220+15	12"	20	CMP	Stone	buried			Pipe buried, stone headwall
26	221+70	12"	20	Clay	Stone	buried	buried	cracked, erosion above pipe	Cracked Pipe and erosion above pipe, buried replace
27	238+60	12"	16	Steel	Stone	50% buried	50% buried		Half buried pipe inlet and outlet
28	244+10		15	-	Stone			buried	replace
29	254+00	2.5x2			Stone				none
30	266+85	36"	25	Steel	None		One tree to be cut		None
31	270+20	12"	50		Stone				Rehab