

**Powhatan Crossing
Stormwater Management System
Total Components**

PCHA Owned/Maintained

# Units	Component	Component Location	Yr Installed	Est EOL
2	Drain cast-iron pipes	behind 4400 PC, thru berm; curbside 4401 PC	1987	2037
1	Grass swale, 25 lf *	behind 4400 PC, at entry into berm	1987	
1	Concrete segmented swale	between 4437-4441 PC	1992	2017
2	Grated drains	between 3504-3508 HR; between 3433-343445 HR	1994	2044
9	Rights-of-way		1987-1994	
	Piping			
620 lf	Underground piping		1987-1994	2037-2044
680 lf	Inlet piping		1994	2044
100lf	Spillway piping		1994	2044
1,400 lf	Total PCHA piping			2044
3	Flared inlet pipe ends	outfall into retention pond	1994	2044
1	Dewatering facility	in retention pond	1994	2044
1	Stormwater retention pond	behind 3400 HR	1994	2044
1	Spillway/Dam	behind 3400 HR	1994	2044
5 tons	Riprap	outfall of spillway/dam	1994	2044

VDOT Owned/Maintained

Monitored by PCHA - Maintenance issues reported to VDOT for repair

# Units	Component	Component Location	Yr Installed	Est EOL
36	Curbside stormdrains		1987-1994	
3,100 lf	Underground piping		1987-1994	2037-2044
2	Concrete segmented swales	between 3440-3444 HR; between 3464-3460 HR	1992	2017

VDOT Stormdrains Repaired

1	Stormdrain replaced	between 3505-3509 HR	May 2017
1	Stormdrain repaired	by 4460 PC on HR side of corner	May 2017
1	Stormdrain reported	by 3400 DT on PC side of corner	Aug 2017

* remainder of swale is not on Powhatan Crossing property