

Table 1. St. Brides Outfall — 1988 Proposed Drainage Alternatives

	Location	Existing Drainage	Proposed Drainage	
			Alternative 1	Alternative 2
<i>Saint Brides Ditch (main channel)</i>	1,600 ft. south of St. Brides Road	Swampland	Floodplain w/ 20-ft pilot channel	Floodplain w/ 20-ft pilot channel
	St. Brides Road (south crossing)	30-ft wooden bridge	140-ft conc. bridge	80-ft conc. bridge
	5,600 ft. north of St. Brides Road	Swampland	325-ft bot. channel w/ 20-ft pilot channel	325-ft bot. channel w/ 20-ft pilot channel
	4,100 ft. south of Benefit Road	55-ft bot. channel	120-ft bot. channel w/ 20-ft pilot channel	120-ft bot. channel w/ 20-ft pilot channel
	Immediately south of Benefit Road	55-ft bot. channel	110-ft bot. channel w/ 20-ft pilot channel	88-ft sharp crested weir
	Benefit Road	30-ft wooden bridge	60-ft conc. bridge	60-ft conc. bridge
	Private driveway, 1,300 ft. north of Benefit Road	Single 30-in x 60-in CMP & double 18-in RCPs	Double 6-ft x 6-ft box culverts	Double 6-ft x 6-ft box culverts
	2,000 ft. north of Benefit Road	Channel	110-ft bot. channel w/ 20-ft pilot channel	Reservoir
<i>Saint Brides Ditch (main channel)</i>	Private driveway, 1,000 ft. south of St. Brides Road	Double 72-in CMPs	60-ft conc. bridge	40-ft conc. bridge
	St. Brides Road (north crossing)	Double 48-in x 72-in CMPs	50-ft conc. bridge	30-ft conc. bridge
	Private road, 2,400 ft. north of St. Brides Road	Double 60-in CMPs	40-ft conc. bridge	30-ft conc. bridge
	Private road, 4,100 ft. north of St. Brides Road	Double 48-in pipes	30-ft conc. bridge	30-ft conc. bridge
	Caroon Farms, Section 4	20-ft bot. channel	30-ft bot. channel w/ 5-ft pilot channel	Reservoir
	Caroon Farms, Section 4	20-ft bot. channel	30-ft bot. channel w/ 5-ft pilot channel	Reservoir
	Caroon Farms, Section 4	20-ft bot. channel	30-ft bot. channel w/ 5-ft pilot channel	Reservoir
	<i>Hickory Ditch</i>	Junction of St. Brides Ditch and Hickory Ditch	Swampland	Swampland w/ 20-ft pilot channel
Private road 3,100 ft south of Benefit Road		Double 36-in RCPs	60-ft conc. bridge	60-ft conc. bridge
Junction of Hickory Ditch and Hickory Ditch North		Swampland	300-ft bot. channel w/ 100-ft pilot channel	100-ft sharp crested weir
Benefit Road		16-ft wooden bridge	40-ft conc. bridge	40-ft conc. bridge
1,200 ft north of Benefit Road (Greenbrier Nursery)		Double 48-in RCPs w/ metal weir	275-ft bot. channel w/ 20-ft pilot channel	20-ft conc. bridge
1,100 ft south of Hickory Road		8-ft bot. channel	30-ft bot. channel	Reservoir
Hickory Road		Single 18-in RCP		

	Location	Existing Drainage	Proposed Drainage	
			Alternative 1	Alternative 2
	Battlefield Boulevard	Single 24-in RCP		
<i>Hickory Ditch North</i>	1,500 ft south of Benefit Road	6-ft bot. channel	30-ft bot. channel	Reservoir
	Benefit Road	Triple 48-in x 76-in HECP & single 48-in RCP	Five 76-in x 48-in & one 48-in RCPs	30-ft conc. bridge
	Battlefield Boulevard	Single 4-ft x 6-ft box culvert	Triple 4-ft x 6-ft box culverts	30-ft conc. bridge
	Hickory Road	Single 30-in & single 27-in RCPs	Four 3-ft x 5-ft box culverts	20-ft conc. bridge
	Immediately north of Hickory Road	8-ft bot. channel	10-ft bot. channel	Reservoir