DRIVEWAY CULVERTS

		Materials							
		Min. Pipe Size 12"							
	Cover								
	≥0.5'	≥1.0'				≥2.0'	Mitre Ends		
	Ductile Iron Pipe	Reinforced Concrete	PVC C900/C905	Corregated HDPE	Smooth Lined Corregated Metal	PVC 3034	25 MPH	35 MPH	45 MPH or Greater
Rural	X	X	X	X	X	X	2.5:1	3:1	4:1
Urban	X	X	X	X	X	X	2.5:1	3:1	4:1

CROSS CULVERTS

	Materials						
	Min. Pipe Size 12"						
	Cover						
	≥2.0'			≥3.0'			Mitre Ends
	Ductile Iron Pipe	Reinforced Concrete	PVC C900/C905	Corregated HDPE	Smooth Lined Corregated Metal	PVC 3034	Mitred End To Match Side Slope
Rural	X	X	X	X	X	X	X
Urban	X	X	X	X	X	X	X

Pipe Specifications:

Reinforced Concrete	ASTM C-76 (bell and spigot)
PVC	ASTM D 3034
	AWWA C 900/C905
Ductile Iron Pipe	AWWA C150 Class 50 or 51
Corrugated Aluminized Steel	ASTM A 760, Type 2, 10 Gage or Thickest Available
Corrugated Aluminum	ASTM B 745 Type 1-3 with Protective Coating, 10 Gage or Thickest Available
High Density Polyethylene (HDPE)	ASTM D 3212, AASHTO M 294, Type S or D

NOTES:

1. Headwall Required When Mitred End Slope Exceeds 2:1.

WASHINGTON COUNTY
DEPARTMENT OF LAND USE & TRANSPORTATION
ENGINEERING SECTION

CULVERT TABLES

EFFECTIVE DATE: 3/31/2016

WASH. CO. # 1082

PLOT STAMP: 04/19/16 1:59P KELLYE
CAD: 1082.DWG