

# Culvert Report

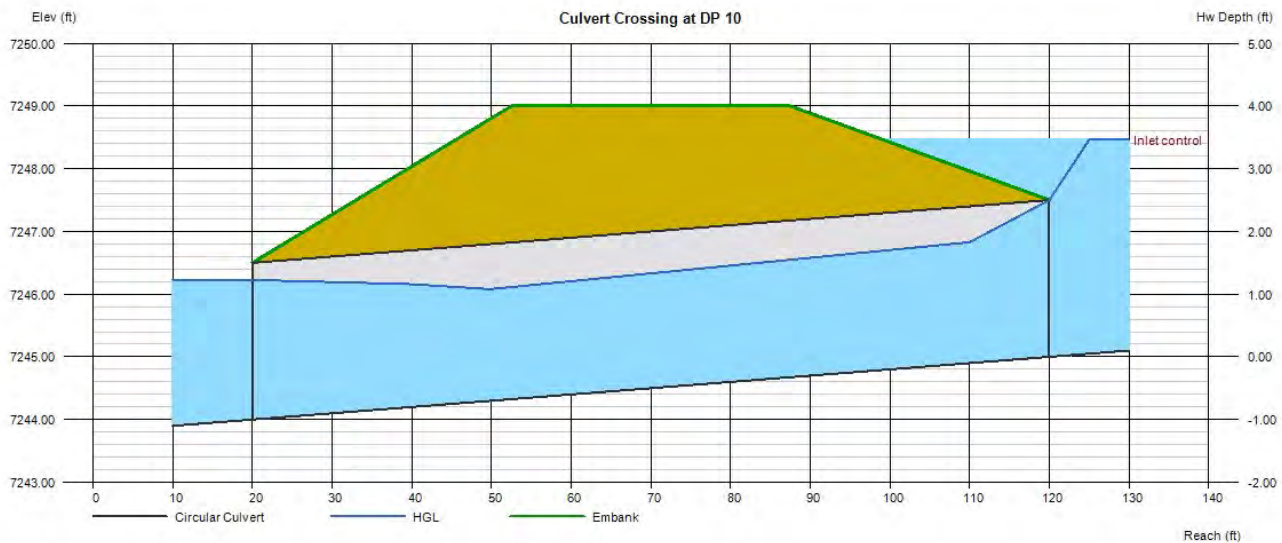
## Culvert Crossing at DP 10

Invert Elev Dn (ft)	= 7244.00
Pipe Length (ft)	= 100.00
Slope (%)	= 1.00
Invert Elev Up (ft)	= 7245.00
Rise (in)	= 30.0
Shape	= Circular
Span (in)	= 30.0
No. Barrels	= 1
n-Value	= 0.013
Culvert Type	= Circular Concrete
Culvert Entrance	= Square edge w/headwall (C)
Coeff. K,M,c,Y,k	= 0.0098, 2, 0.0398, 0.67, 0.5

<b>Embankment</b>	
Top Elevation (ft)	= 7249.00
Top Width (ft)	= 35.00
Crest Width (ft)	= 50.00

<b>Calculations</b>	
Qmin (cfs)	= 0.00
Qmax (cfs)	= 33.00
Tailwater Elev (ft)	= (dc+D)/2

<b>Highlighted</b>	
Qtotal (cfs)	= 33.00
Qpipe (cfs)	= 33.00
Qovertop (cfs)	= 0.00
Veloc Dn (ft/s)	= 7.15
Veloc Up (ft/s)	= 8.02
HGL Dn (ft)	= 7246.23
HGL Up (ft)	= 7246.95
Hw Elev (ft)	= 7248.46
Hw/D (ft)	= 1.38
Flow Regime	= Inlet Control



Provide culvert reports for culverts along the east side (see comment letter).



