

# Culvert Report

## Cir Culvert

Invert Elev Dn (ft) = 1268.98  
 Pipe Length (ft) = 600.00  
 Slope (%) = 0.08  
 Invert Elev Up (ft) = 1269.46  
 Rise (in) = 48.0  
 Shape = Cir  
 Span (in) = 48.0  
 No. Barrels = 1  
 n-Value = 0.013  
 Inlet Edge = Sq Edge  
 Coeff. K,M,c,Y,k = 0.0098, 2, 0.0398, 0.67, 0.5

### Embankment

Top Elevation (ft) = 1275.50  
 Top Width (ft) = 500.00  
 Crest Width (ft) = 10.00

### Calculations

Qmin (cfs) = 10.00  
 Qmax (cfs) = 150.00  
 Tailwater Elev (ft) = (dc+D)/2

### Highlighted

Qtotal (cfs) = 90.00  
 Qpipe (cfs) = 90.00  
 Qovertop (cfs) = 0.00  
 Veloc Dn (ft/s) = 7.82  
 Veloc Up (ft/s) = 7.16  
 HGL Dn (ft) = 1272.42  
 HGL Up (ft) = 1274.84  
 Hw Elev (ft) = 1275.24  
 Hw/D (ft) = 1.45  
 Flow Regime = Outlet Control

