



CULVERT ANALYSIS

PID : 116570 **Date :** 10/13/2025 **Project :** ERI-6

Location : STA. 668+50

Description : Drive Pipe

Designer : BLC

HEADWATER CONTROL CODES: INLET - Inlet Control.
OUTLET - Outlet Control.
OUTLET* - Outlet Control with backwater curve used to compute headwater. See Figure III - 7E in HDS 5 for type flow.
OUTLET** - Outlet Control - See Figure III - 7D in HDS 5 for type flow.
N/A - Flow is supercritical with low headwater and low tailwater. Control Section is at the inlet.

Pipe Number : 601 **Use HW :** 0 **Inlet Invert Elevation (ft.) :** 582.31 **Outlet Invert Elevation (ft.) :** 581.99
Pipe Quantity : 1
Culvert Type : Circular Smooth **Pipe Length (ft.) :** 22.00 **Culvert Slope (ft./ft.) :** 0.0145
Corrugation Type :
Pipe Size : 12 in.
Design Manning 'n' : (default)
Entrance Type : No Headwall **Loss Coef. Ke :** 0.2000

FLOW (cfs.)	HEAD LOSS (ft.)	HWI (ft.)	HWO (ft.)	FLOW TYPE	VELOCITY (fps.)	DN (ft.)	DC (ft.)	MANNING N	HEADWATER CONTROL	BURIED DEPTH (ft.)	TAILWATER ELEVATION (ft.)
1.43	0.29	583.04	N/A	1 - C	5.22	0.38	0.51	0.0120	INLET	0.00	581.99
1.60	0.32	583.08	N/A	1 - C	5.36	0.41	0.54	0.0120	INLET	0.00	581.99