



CULVERT ANALYSIS

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

Location : STA. 652+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 : 809

Use HW : 0

Inlet Invert Elevation (ft.) : 580.31

Outlet Invert Elevation (ft.) : 580.14

Pipe Quantity : 1

Culvert Type : Circular Smooth

Pipe Length (ft.) : 62.00

Culvert Slope (ft./ft.) : 0.0027

Corrugation Type :

Pipe Size : 18 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.)
1.02	0.32	580.80	580.84	1 - A	2.93	0.42	0.38	0.0120	OUTLET*	0.00	580.14
1.14	0.33	580.83	580.87	1 - A	3.02	0.44	0.40	0.0120	OUTLET*	0.00	580.14