



CULVERT ANALYSIS

PID : 119382

Date : 12/17/2025

Project :

Location : SUM-480-0.516

Description : Ex.

Designer : PB

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 : 1

Use HW : 0

Inlet Invert Elevation (ft.) : 1029.15

Outlet Invert Elevation (ft.) : 1027.63

Pipe Quantity : 1

Culvert Type : Circular Corrugated

Pipe Length (ft.) : 360.00

Culvert Slope (ft./ft.) : 0.0042

Corrugation Type : Corrugated Metal Pipe (2 2/3 x 1/2 in. corrugations)

Pipe Size : 66 in.

Design Manning 'n' : (default)

Entrance Type : Half Headwall

Loss Coef. Ke : 0.9000

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.)
126.00	3.87	1033.87	1034.62	1 - A	9.06	4.66	3.12	0.0231	OUTLET*	0.00	1027.63
185.00	5.22	1035.54	1037.50	2 - F	10.55	5.50	3.81	0.0231	OUTLET**	0.00	1027.63