CULVERT ANALYSIS

PID : 119382 **Date :** 12/17/2025 **Project :** D04 BH/CR **Location :** SUM-480-2.951

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.) :** 1059.65 **Outlet Invert Elevation (ft.) :** 1051.01
Pipe Quantity : 1

Culvert Type : Circular Corrugated
Corrugation Type : Corrugated Metal Pipe (2 2/3 x 1/2 in. corrugations)
Pipe Size : 60 in.
Design Manning 'n' : (default)

Pipe Length (ft.) : 366.00 **Culvert Slope (ft./ft.) :** 0.0236

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.)
220.00	13.45	1069.06	1067.59	2 - E	13.01	4.02	4.21	0.0232	INLET	0.00	1051.01
319.00	25.18	1075.64	1081.05	2 - F	16.59	5.00	4.73	0.0232	OUTLET**	0.00	1051.01