



# CULVERT ANALYSIS

**PID :** 122339      **Date :** 12/12/2024      **Project :** ATB/TRU-CULVERTS-FY26      **Location :** ATB-193-11.140

**Description :** Ex. 84"x36" Slab Top OHWM

**Designer :** MEP

**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.

<b>Pipe Number :</b> 1	<b>Use HW :</b> 0	<b>Inlet Invert Elevation (ft.) :</b> 966.07	<b>Outlet Invert Elevation (ft.) :</b> 966.03
<b>Pipe Quantity :</b> 1			
<b>Culvert Type :</b> Box		<b>Pipe Length (ft.) :</b> 35.00	<b>Culvert Slope (ft./ft.) :</b> 0.0011
<b>Corrugation Type :</b>			
<b>Pipe Size :</b> 7.0 x 3.0 ft.			
<b>Design Manning 'n' :</b> (default)			
<b>Entrance Type :</b> 0 degree (Extension of sides)		<b>Loss Coef. Ke :</b> 0.5000	

FLOW	HEAD	HWI	HWO	FLOW	VELOCITY	DN	DC	MANNING	HEADWATER	BURIED	TAILWATER
(cfs.)	LOSS	(ft.)	(ft.)	TYPE	(fps.)	(ft.)	(ft.)	N	CONTROL	DEPTH	ELEVATION
	(ft.)									(ft.)	(ft.)
41.00	0.77	967.59	967.82	1 - A	5.73	1.40	1.02	0.0120	OUTLET*	0.00	966.50