

Cross Section for Section B - 10 yr - Michelli Crest (Developed)

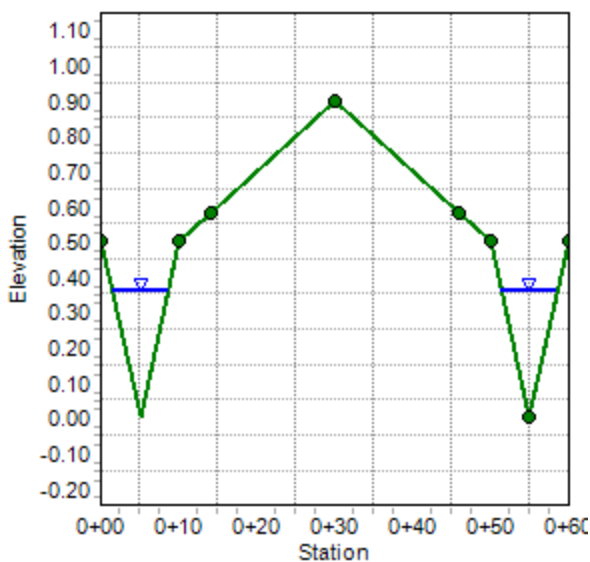
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	1.40	%
Normal Depth	0.36	ft
Discharge	5.00	ft ³ /s

Cross Section Image



Project Description

Manning Formula

Normal Depth

Section Definitions

Roughness Segment Definitions

Options

Pavlovskii's Method

Worksheet for Section B - 10 yr - Michelli Crest (Developed)

Results

Normal Depth		0.36	ft
Elevation Range	0.00 to 0.90 ft		
Flow Area		2.66	ft ²
Wetted Perimeter		14.66	ft
Hydraulic Radius		0.18	ft
Top Width		14.58	ft
Normal Depth		0.36	ft
Critical Depth		0.33	ft
Critical Slope		0.02408	ft/ft
Velocity		1.88	ft/s
Velocity Head		0.05	ft
Specific Energy		0.42	ft
Froude Number		0.78	
Flow Type	Subcritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.36	ft
Critical Depth	0.33	ft
Channel Slope	1.40	%
Critical Slope	0.02408	ft/ft

Messages

Notes

XOFF5 + UOFF2