

## Cross Section for Section B - 10 yr - Michelli Crest STD. 60' R/W -

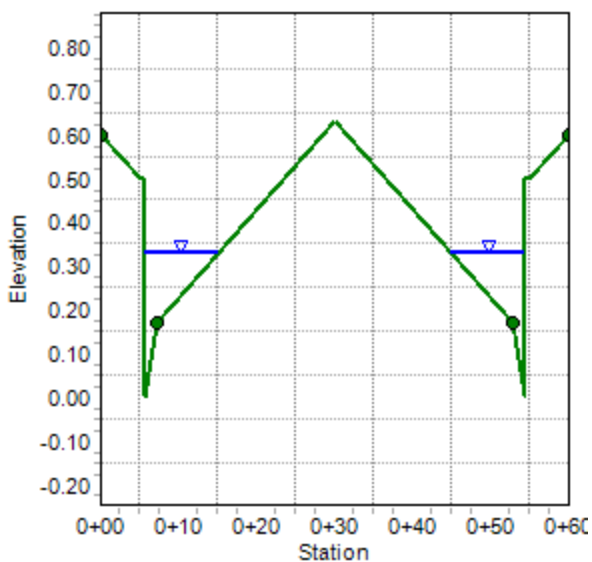
### Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

### Input Data

Channel Slope	1.40	%
Normal Depth	0.33	ft
Discharge	5.00	ft <sup>3</sup> /s

### Cross Section Image





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## Worksheet for Section B - 10 yr - Michelli Crest STD. 60' R/W -

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### Results

Normal Depth		0.33	ft
Elevation Range	0.00 to 0.63 ft		
Flow Area		2.01	ft <sup>2</sup>
Wetted Perimeter		19.67	ft
Hydraulic Radius		0.10	ft
Top Width		18.99	ft
Normal Depth		0.33	ft
Critical Depth		0.36	ft
Critical Slope		0.00744	ft/ft
Velocity		2.48	ft/s
Velocity Head		0.10	ft
Specific Energy		0.43	ft
Froude Number		1.35	
Flow Type	Supercritical		

### 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	0.33	ft
Critical Depth	0.36	ft
Channel Slope	1.40	%
Critical Slope	0.00744	ft/ft