
Subject: Hydrology Data for Bridge Over Fishing Creek

Structure No.: 467010300100

Beg. Station: 59+97 End Station: 61+97 Skew Angle: 0 °

Bridge Span Type: Type IV prestressed

End Fill Slope: 2 Riprap Req'd: Yes x To Elevation: 541.75 ft.

No

Maximum Backwater Elevation Upstream of the Bridge

100 Year H. W. Elev. = 541.74 including 2.4 ft. Backwater

D. A. = 45.85 sq. mi. = 29344 ac.

$$\text{Vel.} = \frac{\quad}{\quad} 5.73 \text{ ft/sec}$$
$$Q_{100} = \underline{\underline{8690 \text{ cfs}}}$$
$$\text{Vel.}_{100} = \frac{\quad}{5.94 \text{ ft/sec}}$$
$$100 \text{ Year W.S. Elev} = \frac{100}{541.34 \text{ ft.}}$$

2 Year W.S. Elev = 535.34 ft.

Q = N/A cfs

Probability = N/A

cc: Program Manager _____
Environmental Engineer Still