

## File 73436 – Boyer River

### Hydrotechnical File History

- 1946 16' bridge built.
- 1955 Report : dh = 6.5' + 3' scour, Q = 240cfs, Y = 4'.  
Report : dh = 8' + 2' scour, Q = 150cfs, Y = 6'.
- 1957 HW (Aug) : 1.5' below deck ( Y = 5 – 8'). V = 1ft/s with WL 3' lower.
- 1958 Report : DA = 45mi<sup>2</sup>, Q = 900cfs, dh = 7' + 4' scour.
- 1959 28' bridge built (DD-237). dh = 12', channel realignment u/s, h = 7'.
- 1963 HW (May) : Y = 5', Qest = 400cfs (1985 report).
- 1965 HW (Apr) : Y = 4', Q est = 260cfs (1985 report).
- 1985 Report : dh = 12 – 14', DA = 94km<sup>2</sup>, HWM Y = 2.2m, Q = 35cms, Y<sub>des</sub> = 2.8m.  
Survey : h = 2m, B = 4 – 5m, T = 10m. S = 0.4m / 260m = 0.0015.
- 1987 7.1m x 4.0m SP ellipse x 16m installed, 4m fill height (11916-P). Q = 35cms, DA = 95km<sup>2</sup>, , S = 0.0011, 0.2m drop, 0.5m burial.
- 1990 BIM HW = 2m.
- 1994 BIM HW = 2.2m.
- 1995 Photo : water ponded to about 1.5m below u/s crown.
- 2001 Photo : u/s channel appears as slough.