

Drainage Area 1226 Sq. Mi. Obtained from Gaging Sta data #4565 Quads

Character of Drainage Area _____

Waterway Required by Formula 7920 Sq. Ft. Formula Used Tal C=0.3

Maximum Stream Discharge 42,000 ± Sec. ft. Date 1940 (80+yr frequency)

Discharge Data Obtained From 1940 Flood data

Period Covered by Discharge Records _____

Discharge Used for Design of Waterway _____ Sec. Ft.

Waterway Area Considered Necessary _____ Sq. Ft.

Waterway Area Provided by Recommended Structure 4000 Sq. Ft.

Data on Existing Structure Br #7 462' Tim Br., Br #8 312' Tim Br., Br #9 30.9' Tim. Br., Br #10 162.5' Tim & I Bm Br (Hertford Co)
Br #43 312' Tim Br (Northampton Co)

Data on other Structures Up or Down Stream US 258 @ Murfreesboro 942'-4" I-Beam Br. Proj 1497 10 miles ± downstream
@ 35 191' I-Bm & Crago Tim. + 460' Overflow Br. (Branches Bridge) 12 miles ± upstream

Method Used in Determining Foundation Material Driving 1/2" rod.

Is Additional Foundation Investigation Considered Advisable _____

Other Information _____

BRIDGE DEPARTMENT
N. C. STATE HIGHWAY & PUBLIC WORKS COMMISSION
RALEIGH, N. C.

50 VPD
1200 map

BRIDGE SURVEY REPORT

PROJECT NO. HERTFORD - 1-503 NORTHAMPTON COUNTY, STA. 63+35 "L"
IDGE OVER MEHERRIN RIVER Known as BOONES BRIDGE
Co Rd between Severn and Como ✓
commended Width of Roadway 24' ✓ Skew. 90° RCDG
commended Structure 1 @ 40'-3 @ 55'-4 @ 40' C to C. I beam spans
With Crago timber pile bents on approaches and
two Post & Beam Piers in channel
18" conc. or pipe piles? Hwy 2 lanes
Rap to elev 21.5 as shown Lea
emporary Crossing Not reqd
sent Structure To be removed after using as temp x-ing
w Location is 45' ± Up, Down Stream from Crossing on Present Road
arest Shipping Point Severn On S.A.L. R. R.
stance from Shipping Point to Bridge Site is 36 miles.
vations From B. M. std brass disk U.S.G.S 55L+54+21 Elev. 22.00
M.S.L. datum (approx)

USE THIS SPACE FOR PHOTOGRAPH
OF PROPOSED SITE, SHOWING CEN-
TER LINE, DIRECTION OF FLOW
AND OTHER IMPORTANT POINTS ON
PHOTOGRAPH.

veyed by N.B. Jones Assisted by OTT. G.G.J. J.T. Date June 1954
K.D.H. W.D.H.
R.P.W. L.T.W.
250-28 27 26 25
April 1956

