



**OVERTOPPING FLOOD DATA**

OVERTOPPING DISCHARGE	= 162,000 CFS ±
FREQUENCY OF OVERTOPPING FLOOD	= 500 YR ±
OVERTOPPING FLOOD ELEVATION	= 54.4'

**HYDRAULIC DATA**

DESIGN DISCHARGE	= 103,000 CFS
FREQUENCY OF DESIGN FLOOD	= 50 YR
DESIGN HIGH WATER ELEVATION	= 48.7'
DRAINAGE AREA	= 5,022 SQ. MI.
BASIC DISCHARGE (Q100)	= 121,000 CFS
BASIC HIGH WATER ELEVATION	= 50.7'

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS.

DRAWN BY : J. N. AUSTIN DATE : 5-5-20  
 CHECKED BY : N. REZAEI DATE : 7-9-20  
 DESIGN E.O.R. : P. R. HOLSHOUSER DATE : 7-23-20

PROJECT NO. 15806.1009011  
 BLADEN COUNTY  
 STATION: 119+18.09 -L-  
 SHEET 1 OF 7  
 REPLACES BRIDGE NOS. 080016 & 080017

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**GENERAL DRAWING**

FOR BRIDGE OVER CAPE FEAR RIVER ON US 701 (N. POPLAR ST.) BETWEEN NC 87 (BUS) AND NC 53

REVISIONS	
NO.	DATE
1	
2	
3	
4	

SHEET NO. S-01  
 TOTAL SHEETS 107

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DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

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