

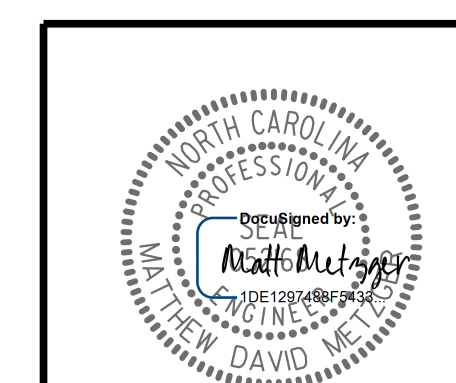
I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

HYDRAULIC DATA:
DESIGN DISCHARGE - 440 CFS
FREQUENCY OF DESIGN FLOOD - 25 YEAR
DESIGN HIGH WATER ELEVATION - 56.4
DRAINAGE AREA - 2.6 SQ. MI.
BASE DISCHARGE (Q 100) - 768 CFS
BASE HIGH WATER ELEVATION - 57.7

OVERTOPPING DATA:
OVERTOPPING DISCHARGE - 1344 CFS
FREQUENCY OF OVERTOPPING - 500+ YEAR
OVERTOPPING FLOOD ELEVATION - 59.0
OVERTOPPING OCCURS AT SAG -Y2- STA. 51+54.6

PLANS PREPARED BY:

NV5
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PROJECT NO. R-5819
COLUMBUS COUNTY
STATION: 40+06.72 -Y2- POT = 89+49.48 -L- POT
SHEET 1 OF 4 BRIDGE NO. 230422

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE ON -Y2- (SR 1740)
OVER -L- (US-74)
BETWEEN NC 214 AND NC 211

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S1-1
TOTAL SHEETS 38

DRAWN BY : W. B. ALLEN DATE : 4/21
CHECKED BY : M. D. METZGER DATE : 8/21
DESIGN ENGINEER OF RECORD: M. D. METZGER DATE : 1/22

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

4/12/2022