



**-L- GRADE DATA**  
 (+)1.0000% (-)1.5000%  
 P.I. STA. = 22+83.00 -L-  
 EL. = 19.45'  
 V.C. = 380'

**HYDRAULIC DATA**  
 DESIGN DISCHARGE -----6,030 CFS  
 FREQUENCY OF DESIGN FLOOD -----50-YR  
 DESIGN HIGH WATER -----9.6 FT  
 DRAINAGE AREA -----85.6 SQ. MI  
 BASE DISCHARGE (Q100) -----7,590 CFS  
 BASE HIGH WATER ELEVATION -----10.9 FT

**OVERTOPPING FLOOD DATA**  
 OVERTOPPING DISCHARGE -----12,000 CFS  
 FREQUENCY OF OVERTOPPING FLOOD ---<500-YR  
 OVERTOPPING FLOOD ELEVATION -----12.8 FT  
 OVERTOPPING GRADE 12.0'  
 APPROX. STATION 10+00 -L-

**SECTION ALONG -L-**  
 SECTION AT BENT AND END BENTS ARE AT RIGHT ANGLES

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

PROJECT NO. B-5156  
PENDER COUNTY  
 STATION: 22+90.50 -L-

SHEET 1 OF 4 REPLACES BRIDGE NO. 028

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**GENERAL DRAWING**  
 FOR BRIDGE OVER LONG CREEK  
 ON NC 210 BETWEEN  
 SR 113 AND SR 1404

North Carolina Professional Engineer Seal  
 SEAL 047653  
 C.T. POOLE  
 ENGINEER  
 1/10/2024

**Kimley»Horn**  
 421 Fayetteville Street, Suite 600  
 Raleigh, NC 27601-1772  
 Phone (919) 677-2000  
 NC LICENSE # F-0102

DRAWN BY: D. D. LOWERY DATE: 03/2023  
 CHECKED BY: A. L. PHILLIPS DATE: 03/2023  
 DESIGN ENGINEER OF RECORD: C.T. POOLE DATE: 03/2023

**PLAN**  
 PILES NOT SHOWN IN PLAN VIEW FOR CLARITY.

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			45

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