



**NOTES:**

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

PILES AT END BENT NO.1 AND END BENT NO.2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 115 TONS PER PILE.

DURING STAGE I AND STAGE II OF BRIDGE CONSTRUCTION, DRIVE PILES AT END BENT NO.1 TO A REQUIRED DRIVING RESISTANCE OF 185 TONS PER PILE. THIS REQUIRED DRIVING RESISTANCE INCLUDES ADDITIONAL RESISTANCE FOR DOWNDRAG.

DURING STAGE I AND STAGE II OF BRIDGE CONSTRUCTION, DRIVE PILES AT END BENT NO.2 TO A REQUIRED DRIVING RESISTANCE OF 215 TONS PER PILE. THIS REQUIRED DRIVING RESISTANCE INCLUDES ADDITIONAL RESISTANCE FOR DOWNDRAG.

DURING STAGE III OF BRIDGE CONSTRUCTION, DRIVE PILES AT END BENT NO.1 AND END BENT NO.2 TO A REQUIRED DRIVING RESISTANCE OF 155 TONS PER PILE.

TESTING THE FIRST PRODUCTION PILE WITH THE PDA DURING DRIVING, RESTRIKING OR REDRIVING IS REQUIRED DURING STAGE I OF CONSTRUCTION AT END BENT NO.1 AND END BENT NO.2. FOR PDA TESTING, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

- I - HP 12x53 STEEL VERTICAL PILE
- II - HP 12x53 STEEL BRACE PILE BATTERED 3:12

PROJECT NO. I-5986B  
JOHNSTON COUNTY  
 STATION: 1391+19.65 -L-  
 SHEET 3 OF 4



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**GENERAL DRAWING**  
 FOR BRIDGE OVER  
 DRIVING BRANCH  
 ON I-95 BETWEEN  
 NC 50 AND I-40

**FOUNDATION LAYOUT**  
 DIMENSIONS LOCATING PILES ARE SHOWN TO THE PILE CENTERLINE.

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-3
1			3			TOTAL SHEETS
2			4			44

DRAWN BY : M. D. MAYHEW DATE : 2-27-20  
 CHECKED BY : J. M. GARRISON DATE : 4-17-20