

FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THEIR CENTERLINE

FOUNDATION NOTES:

SEE ROADWAY PLANS AND SPECIAL PROVISIONS FOR THE SETTLEMENT GAUGES REQUIRED AT END BENTS No.1 AND 2.

OBSERVE A 4 MONTH WAITING PERIOD AFTER CONSTRUCTING THE EMBANKMENT TO WITHIN 2 FEET OF FINISHED GRADE BEFORE BEGINNING END BENT CONSTRUCTION AT END BENTS No.1 AND 2. FOR BRIDGE WAITING PERIODS, SEE ROADWAY PLANS AND SPECIAL PROVISIONS.

FOR PILES, SEE GEOTECHNICAL SPECIAL PROVISIONS AND SECTION 450 OF THE STANDARD SPECIFICATIONS.

PILES AT END BENTS No.1 AND 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 110 TONS PER PILE.

DRIVE PILES AT END BENTS No.1 AND 2 TO A REQUIRED DRIVING RESISTANCE OF 185 TONS PER PILE.

PILES AT BENT No.1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 140 TONS PER PILE.

DRIVE PILES AT BENT No.1 TO A REQUIRED DRIVING RESISTANCE OF 235 TONS PER PILE.

INSTALL PILES AT BENT No. 1 TO A TIP ELEVATION NO HIGHER THAN 138.0.

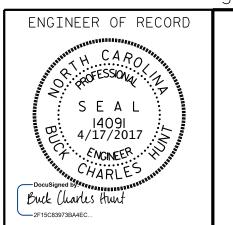
TESTING PILES WITH THE PDA DURING DRIVING, RESTRIKING OR REDRIVING MAY BE REQUIRED. THE ENGINEER WILL DETERMINE THE NEED FOR PDA TESTING. FOR PDA TESTING, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

PROJECT NO. U-5796

WAYNE COUNTY

STATION: 27+41.30 -Y8-

SHEET 2 OF 3



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

GENERAL DRAWING BRIDGE ON SR 1120 OVER US 117 BETWEEN SR 1130 & US 117A

YY ETHERILL		
ENGINEERING		
1223 Jones Franklin Rd.	NO.	BY:
Raleigh, N.C. 27606 Bus: 919 851 8077 Fax: 919 851 8107 LICENSE NO. F-0377	1	
	2	

SHEET NO. REVISIONS S01-2 NO. BY: DATE: DATE: TOTAL SHEETS

_ DATE : 6/16 _ DATE : 6/16 G.M. GILLAND DRAWN BY : B.C. HUNT CHECKED BY : .

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETER