



### 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

ENGINEER OF RECORD  CHARLES HUNT ENGINEER		STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH			
GENERAL DRAWING BRIDGE ON SR 1120 OVER US 117 BETWEEN SR 1130 & US 117A					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO. S01-2					
TOTAL SHEETS 34					

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

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