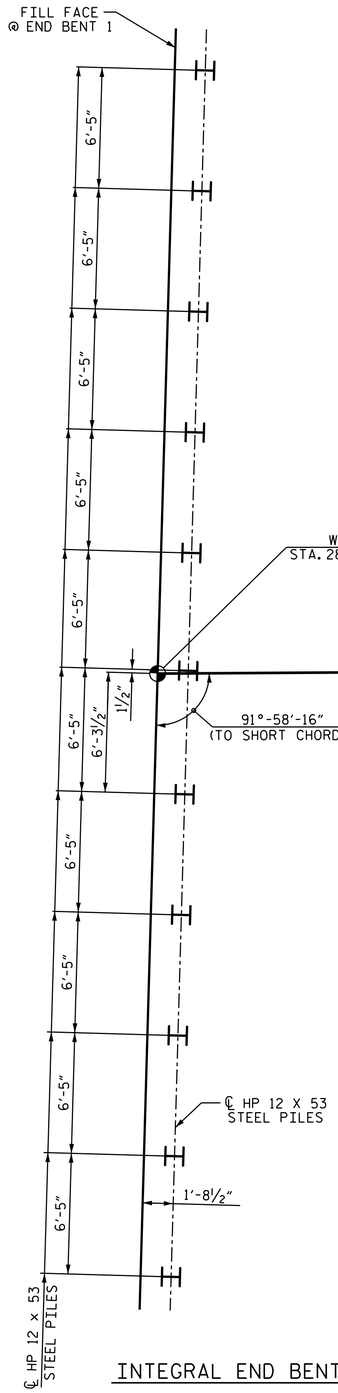
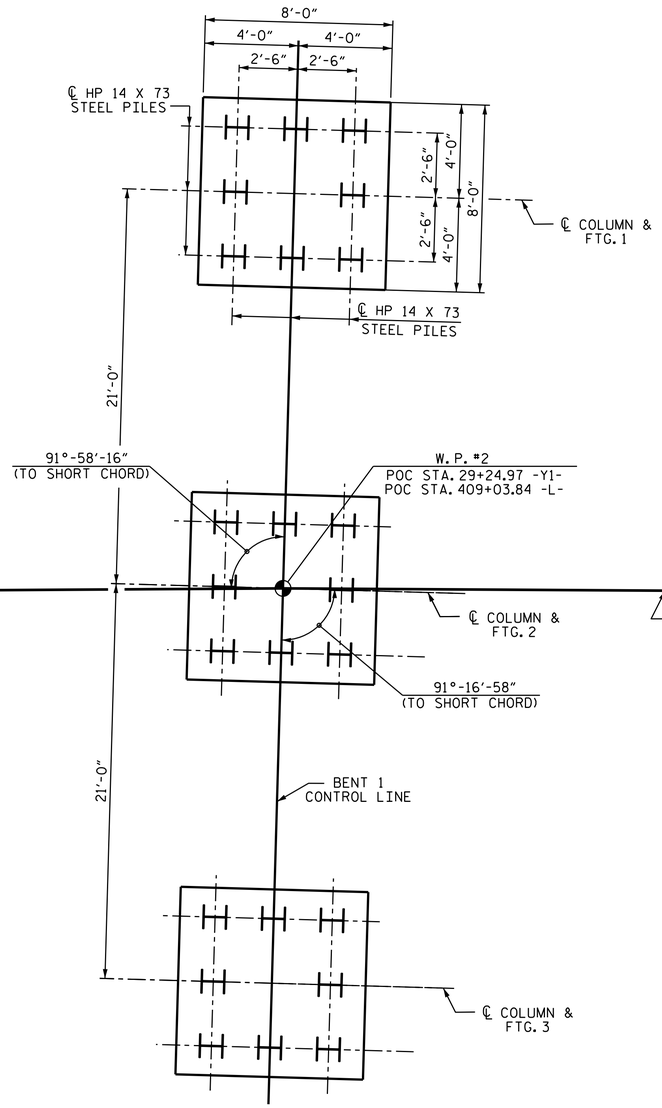
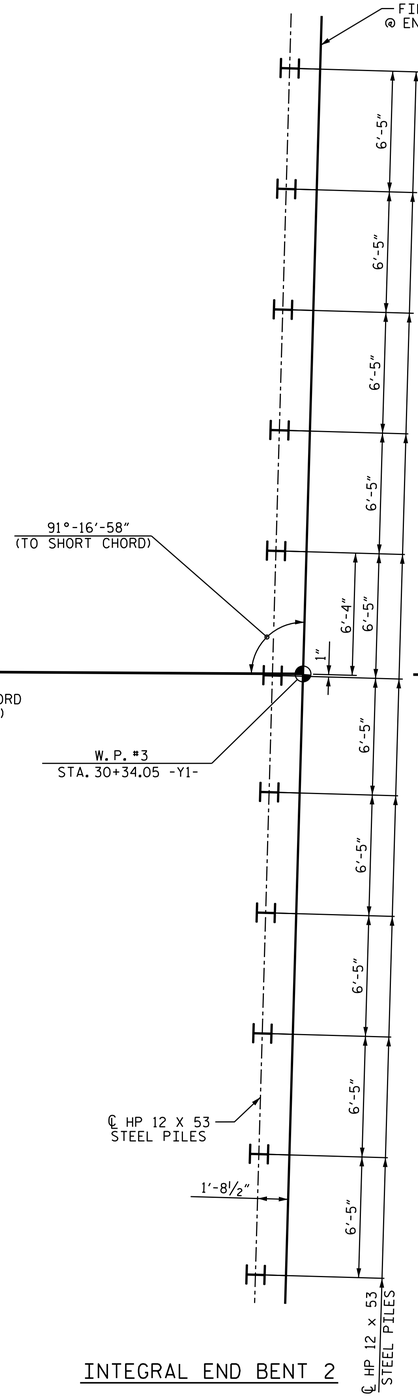


INTEGRAL END BENT 1



BENT 1



INTEGRAL END BENT 2

FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES.
ALL COLUMN FOOTINGS AND PILE SPACINGS ARE TYPICAL AT BENT.

NOTES

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

PILES AT END BENT 1 AND END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 125 TONS PER PILE.

DRIVE PILES AT END BENT 1 AND END BENT 2 TO A REQUIRED DRIVING RESISTANCE OF 210 TONS PER PILE.

PILES AT BENT 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 125 TONS PER PILE.

DRIVE PILES AT BENT 1 TO A REQUIRED DRIVING RESISTANCE OF 210 TONS PER PILE.

STEEL PILE POINTS ARE REQUIRED FOR STEEL H-PILES AT BENT 1. FOR STEEL PILE POINTS, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

TESTING PILES WITH THE PILE DRIVING ANALYZER (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-2579C
FORSYTH COUNTY
STATION: 409+03.84 -L-
29+24.97 -Y1-
SHEET 3 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER WINSTON-SALEM NORTHERN BELTWAY (FUTURE I-74) ON US 311 (NEW WALKERTOWN RD.) BETWEEN SR 2393 AND SR 2381

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL G. CHEEK, JR.
Document: Marshall G. Cheek, Jr.
6549D8EBAA3B405...
7/27/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-3
1			3			TOTAL SHEETS
2			4			32

DRAWN BY : K.D. LAYNE DATE : 4/27/16
CHECKED BY : J.K. BOWLES DATE : 9/8/16
DESIGN ENGINEER OF RECORD: H.A. LOCKLEAR DATE : 6/2017

26-JUL-2017 15:04
R:\Structures\FINAL PLANS\401_005_U2579C_SMU_FL_003_330700.dgn
mcheek

STR. #1