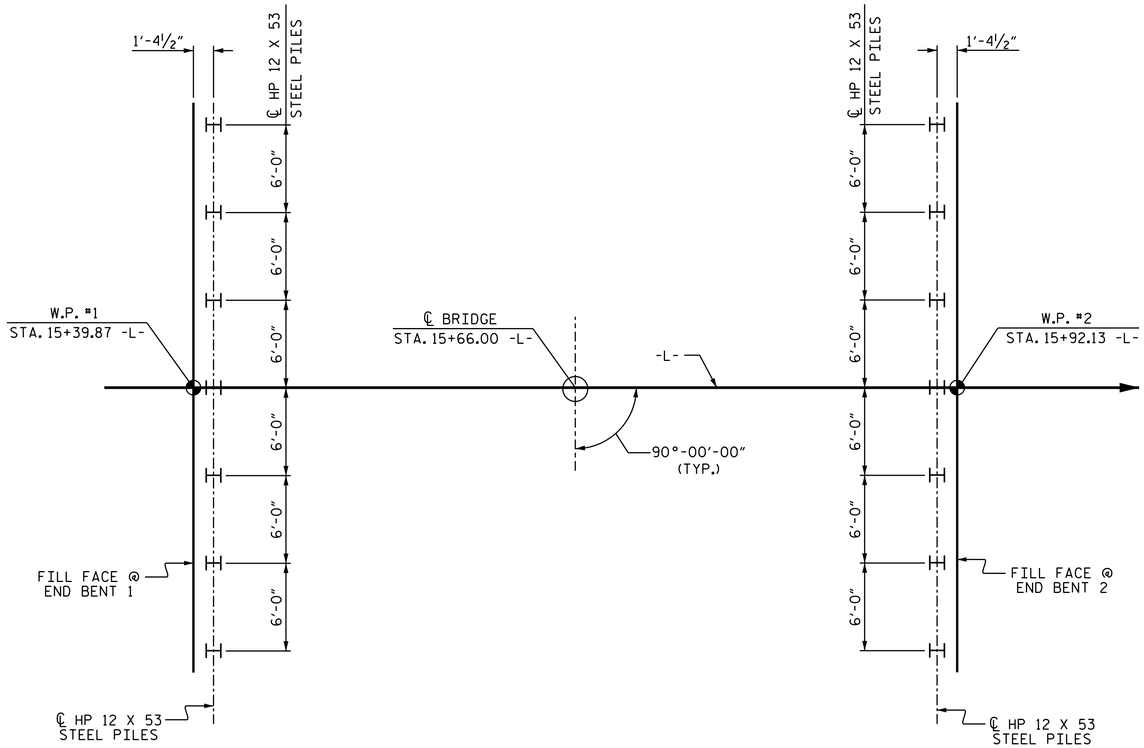
DocuSign Envelope ID: D289D98F-F883-46A5-AB4C-BF5D984FF1C6



END BENT 1

END BENT 2

FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES

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 75 TONS PER PILE.

DRIVE PILES AT END BENT NO. 1 AND END BENT NO. 2 TO A REQUIRED DRIVING RESISTANCE OF 125 TONS PER PILE.

PROJECT NO. B-5113

WAKE COUNTY

STATION: 15+66.00 -L-

SHEET 2 OF 3

NORTH CAROLINA PROFESSIONAL SEAL 14855 ENGINEER DOUGLAS R. CALHOUN

DocuSigned by: Douglas R. Calhoun 126FE12F939240... 11/21/2014

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

BRIDGE OVER SMITH CREEK
ON SR 1942 (OAK GROVE CH. RD.)
BETWEEN SR 1943 AND SR 4532

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			14

DRAWN BY : A. K. PATEL DATE : 12/13
CHECKED BY : W. F. PARKER DATE : 1/14
DESIGN ENGINEER OF RECORD: A. K. PATEL DATE : 6/13

19-NOV-2014 15:00
R:\Structures\Plans\B5113_SD_01_GD.dgn
asorsenginh