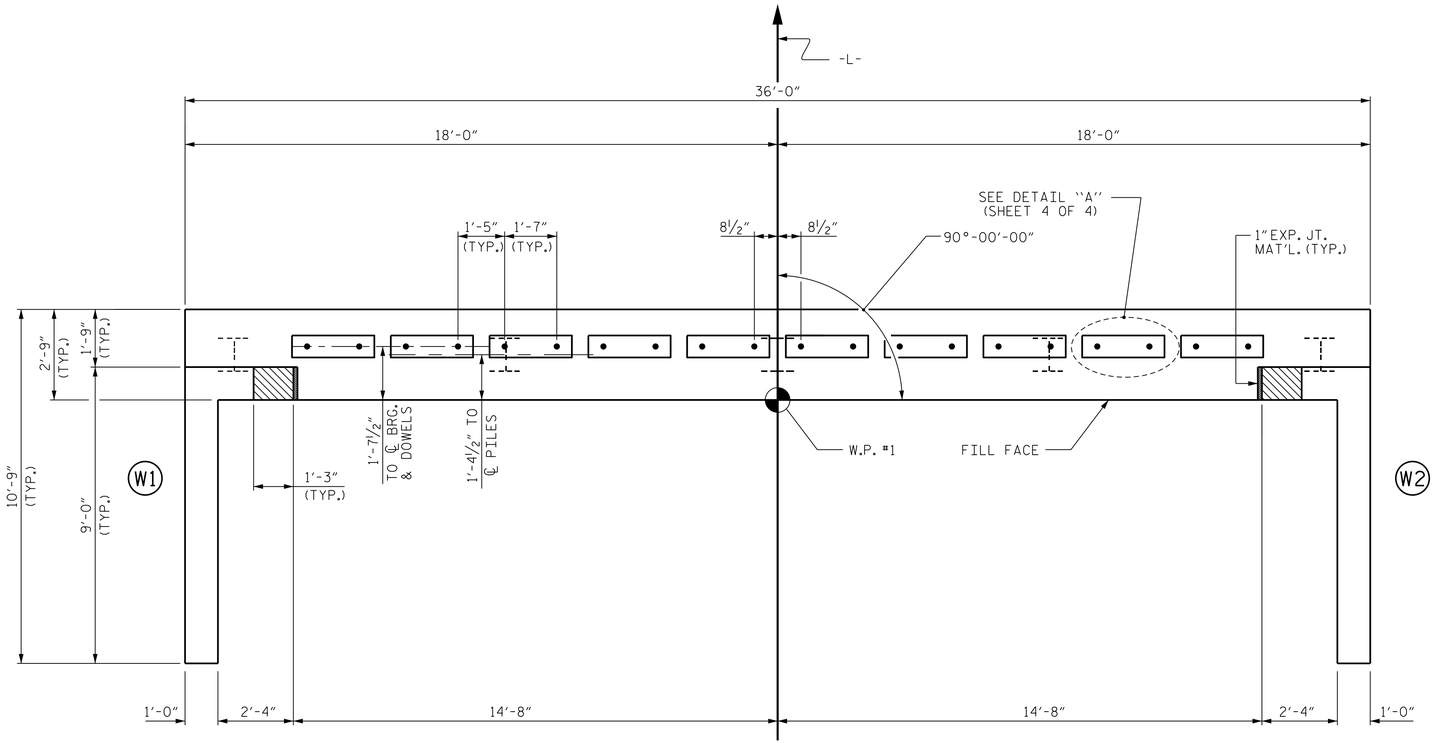
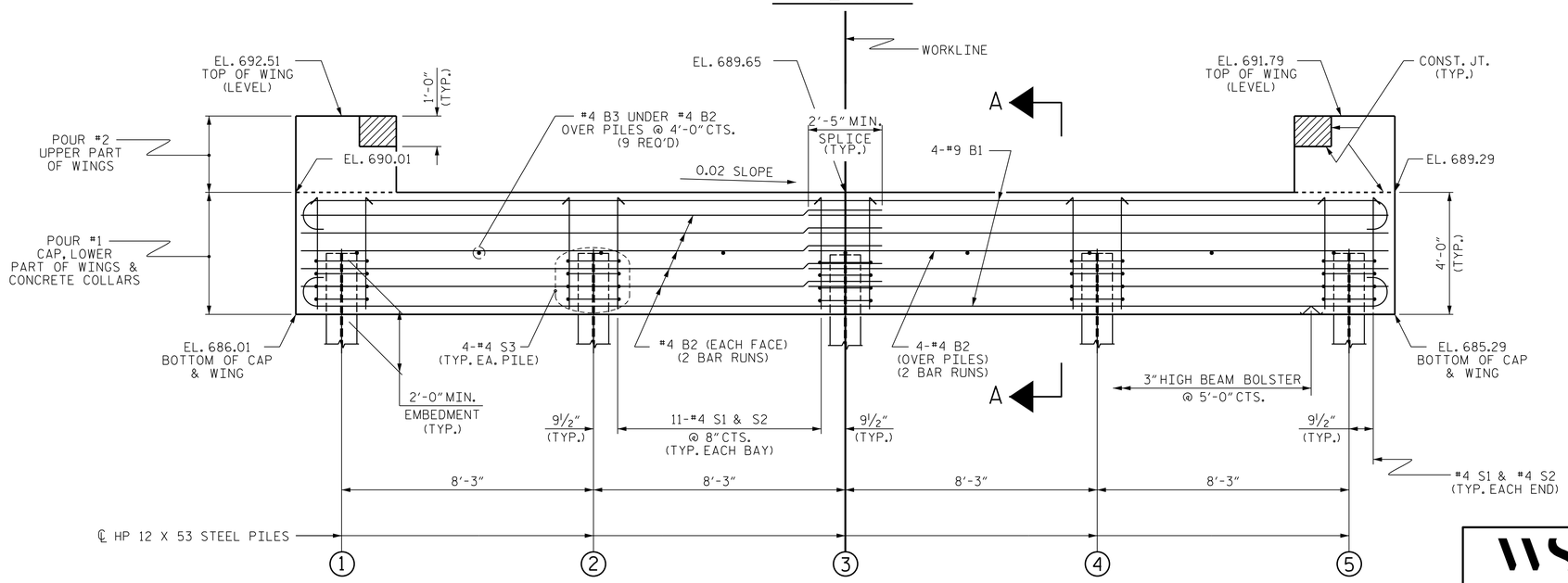


PLAN



ELEVATION

WINGS NOT SHOWN FOR CLARITY.
FOR SECTION A-A, SEE SHEET 4 OF 4.
CONCRETE COLLARS FOR STEEL PILES NOT SHOWN IN PLAN AND ELEVATION VIEWS FOR CLARITY.
SEE "CORROSION PROTECTION FOR STEEL PILES DETAIL", SHEET 4 OF 4.

NOTES

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR DOWELS.

THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE VERTICAL CONCRETE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

FOR PILE SPLICE DETAILS, SEE SHEET 4 OF 4.

FOR WING DETAILS, SEE SHEET 3 OF 4.

TOP OF PILE ELEVATIONS	
1	687.98
2	687.82
3	687.65
4	687.49
5	687.32

PROJECT NO. 17BP.9.R.14
ROWAN COUNTY
STATION: 13+75.00 -L-

SHEET 1 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT 1

WSP USA Inc.
1001 MOREHEAD SQUARE DRIVE
SUITE 610
CHARLOTTE, NC 28203
TEL: 1.704.342.5401
WSP.COM
LICENSE NO. F-0165

NORTH CAROLINA PROFESSIONAL SEAL 031988 ENGINEER JACOB P. SHERMAN

DocuSigned by: Jacob P. Sherman 7/17/17
AE8326DDCE18488...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ASSEMBLED BY: M. HOBBS	DATE : MAR 2017
CHECKED BY: J. SMITH	DATE : APR 2017
DESIGN ENGINEER OF RECORD: J. SHERMAN	DATE : JUL 2017

DRAWN BY : WJH 12/11
CHECKED BY : AAC 12/11

REV. 4/15 MAA/TMG

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-8
1			3			TOTAL SHEETS
2			4			13

STD. NO. EB_30_90S4

7/17/2017
J:\173561 - 2012 NCDOT Division On-Call\17356IE Group 5 Bridges\17BP.9.R.14 Rimertown Road\Structures\02-Drawings\400_015_17BP.9.R.14_SMU_EB01.dgn