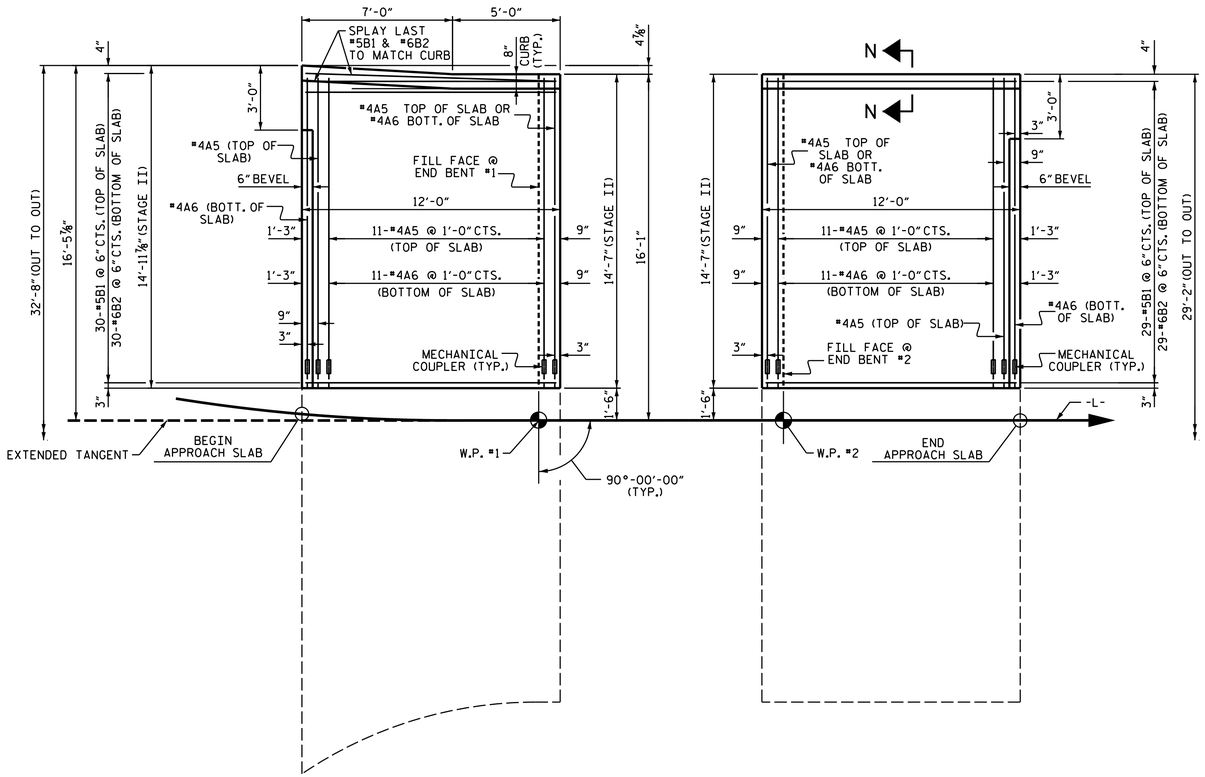
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PLAN @ END BENT 1 - STAGE II

PLAN @ END BENT 2 - STAGE II

NOTES

FOR BRIDGE APPROACH FILL, SEE ROADWAY PLANS.

AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

APPROACH SLAB GROOVING IS NOT REQUIRED.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE LENGTHS OF THE #4 "A" BARS AT THE CONSTRUCTION JOINT MAY NEED TO BE ADJUSTED DUE TO THE TYPE OF MECHANICAL BUTT SPLICE CHOSEN BY THE CONTRACTOR. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY ADJUSTMENTS.

MECHANICAL COUPLERS SHALL BE USED TO JOIN THE #4 "A" BARS IN STAGE I WITH THE #4 "A" BARS IN STAGE II. THE LOCATION OF THE COUPLERS SHALL BE STAGGERED ON ALTERNATING BARS BY 1 FOOT AND THE BARS SHALL BE CUT ACCORDINGLY TO ALLOW A MINIMUM OF 1'-0" EXTENSION INTO STAGE II CONSTRUCTION.

FOR MECHANICAL COUPLERS, SEE MECHANICAL BUTT SPLICES FOR REINFORCING STEEL IN THE STANDARD SPECIFICATIONS.

FOR DETAILS, SEE SHEET 1 OF 2.

BILL OF MATERIAL

APP. SLAB AT EB 1 - STAGE II

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A5	13	#4	STR	13'-5"	117
A6	13	#4	STR	13'-5"	117
✱ B1	30	#5	STR	11'-2"	349
B2	30	#6	STR	11'-8"	526
REINFORCING STEEL				LBS.	643
✱ EPOXY COATED REINFORCING STEEL				LBS.	466
CLASS AA CONCRETE				C.Y.	8.0

APP. SLAB AT EB 2 - STAGE II

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A5	13	#4	STR	13'-5"	117
A6	13	#4	STR	13'-5"	117
✱ B1	29	#5	STR	11'-2"	338
B2	29	#6	STR	11'-8"	508
REINFORCING STEEL				LBS.	625
✱ EPOXY COATED REINFORCING STEEL				LBS.	455
CLASS AA CONCRETE				C.Y.	7.7

DESIGNED BY:	E. LAWES	DATE: OCT 2024
DRAWN BY:	E. LAWES	DATE: APR 2026
CHECKED BY:	P. GALLAGHER	DATE: APR 2026
DESIGN ENGINEER OF RECORD:	E. LAWES	DATE: APR 2026

7/20/2026
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WSP USA Inc.
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040
LICENSE NO. F-0165

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL SEAL 044167 7/20/2026 ENGINEER ELIZABETH F. LAWES

DocuSigned by: Elizabeth F. Lawes 935E84223CD547C...

PROJECT NO. BP14-R014

SWAIN COUNTY

STATION: 12+45.82 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR PRESTRESSED CONCRETE BOX BEAM UNIT (STAGE II)
(SUB-REGIONAL TIER)
90° SKEW

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-25
1			3			TOTAL SHEETS
2			4			25