525'-0" TOTAL LENGTH OF BRIDGE (FILL FACE TO FILL FACE)

315'-0" UNIT 2 (℄ JOINT @ BENT 1 TO ℄ JOINT @ BENT 4)

315'-0" UNIT 3 (℄ JOINT @ BENT 4 TO FILL FACE)

105'-0" (SPAN E)

21'-0"

6'-10"

℄ JOINT @ BENT NO. 1

#4B3 (TYP. EA. SIDE) (3 BAR RUNS)

3"

6½" (TYP.)

1'-11" SPLICE (TYP.)

#5B2 (TYP. EA. SIDE)

3"

6½" (TYP.)

1½"

1'-6"

10" BENT DIAPHRAGM (TYP. EA. BAY)

#5G1

GUTTERLINE

℄ GDR. E1

25-#4B3 @ 1'-6" CTS. (TOP OF SLAB) (3 BAR RUNS)

97-#5B2 @ 4½" CTS. (TOP OF SLAB)

10" BLOCKOUT

1'-3¾" (TYP.)

℄ GDR. E2

6-#4S6 @ 1'-0" CTS. (TYP. EA. BAY)

6-#4S1, #4S3, & #4S4 @ 11½" CTS. TO MATCH #4V1 IN CAP (TYP. EACH BAY)

W.P. #4

10½" (TYP.)

-L-

W.P. #6

℄ GDR. E3

6-#5S5 @ 1'-0" CTS. (TYP. EA. BAY)

9-#5B1 @ 8½" CTS. (BOTT. OF SLAB) (TYP. EA. BAY) (2 BAR RUNS)

1'-3¾" (TYP.)

90°00'00" (TYP.)

5-#4K1

35'-2" (APPROACH SLAB BLOCKOUT)

16'-11"

33'-10" CLEAR ROADWAY

37'-1" OUT TO OUT

1"

2-#8K16 (TYP. OVER EA. INT. GDR.)

10½" (TYP.)

℄ GDR. E4

TRANSVERSE CONST. JT.

FILL FACE @ END BENT NO. 2

2-#8K15 (TYP. OVER EA. EXT. GDR.)

10½" (TYP.)

GUTTERLINE

℄ GDR. E5

#4K2 THRU K5 (TYP. EA. BAY)

SEE DETAIL "A"

PERMITTED TRANSVERSE CONST. JT.

2'-6"

4-#5B1 @ 3 EQ. SPA. (BOTT. OF SLAB) (TYP. EA. OVERHANG) (2 BAR RUNS)

3½" (TYP.)

#4K6 THRU K9 (TYP. EA. END)

1½"

1'-6"

4"

208-#5A1 BARS @ 6" CTS. (TOP OF SLAB) (UNIT 3)

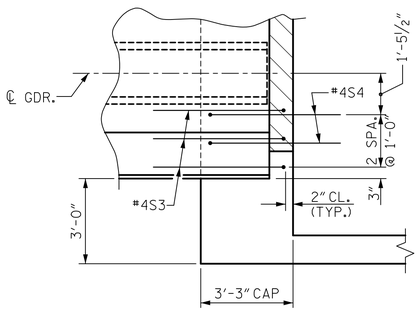
208-#5A2 BARS @ 6" CTS. (BOTT. OF SLAB) (UNIT 3)

1'-2"

9- 6"Ø PIPE DRAINS @ 12'-0" CTS. (IN SPAN E) (TYP. EACH SIDE)

4'-0"

PLAN OF SPAN E



DETAIL "A"

(TYPICAL FOR EACH DECK CORNER)
(S1 BARS NOT SHOWN FOR CLARITY)

PROJECT NO. B-4407

ANSON/STANLY COUNTY

STATION: 32+31.61 -L-

SHEET 5 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
PLAN OF SPAN E

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 042890 PATRICK R. GALLAGHER
3/18/2021

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DWN. BY: WDC DATE: 10/2020
CHKD. BY: PRG DATE: 10/2020
DES. EGR. OF RECORD: PRG DATE: 10/2020

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-13
1			3			TOTAL SHEETS
2			4			45

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TIME: 03:59 PM on Wednesday, February 03, 2021