DocuSign Envelope ID: A08CC5A4-9EBA-46B2-8108-682640E0740A

100-#5 A1 @ 7½" CTS. (TOP OF SLAB) (2 BAR RUN, 2'-5" SPLICE)
100-#5 A2 @ 7½" CTS. (BOTT. OF SLAB) (2 BAR RUN, 2'-0" SPLICE)

#5 A101 THRU #5 A124 @ 7½" CTS. (TOP OF SLAB)
#5 A201 THRU #5 A224 @ 7½" CTS. (BOTT. OF SLAB)

*1'-7½" *1'-6" *1½"

*61'-3" (OUT TO OUT)
*58'-0" (CLEAR ROADWAY)
*36'-0"
*22'-0"

39'-2¼"

SEE "EXP. JT. SEAL DETAILS" SHEETS

62-#4 J1

4½"

#8 K1 (TYP. OVER EA. EXT. GDR.)

#4 B1 (TOP OF SLAB) (2 BAR RUN, 1'-11" SPLICE) (TYP. EA. OVERHANG)

5½"

#5 B2 (BOTT. OF SLAB) (2 BAR RUN, 2'-0" SPLICE) (TYP. EA. OVERHANG)

7½"

GUTTERLINE

℄ GDR. #1L

2'-3½"

#5 G1 PARALLEL TO JOINT (2 BAR RUN, 2'-5" SPLICE)

1'-4" S3

2'-3½"

℄ GDR. #2L

6-#5 S1 @ 1'-0" CTS. & 6-#4 S2 @ 1'-0" CTS. (TYP. EA. BAY)

4-#4 K4 (TYP. EA. BAY)

3-#6 K3 (TYP. EA. BAY)

6-#5 B2 @ 11" CTS. (BOTT. OF SLAB) (2 BAR RUN, 2'-0" SPLICE) (TYP. EA. BAY)

2'-3½"

℄ GDR. #3L

11'-2¹¹⁄₁₆"

℄ GDR. #4L

SEE "DETAIL A"

CONTROL LINE LEFT LANE

W.P. #1L

℄ GDR. #5L

LONG CHORD LEFT LANE

104°-35'-32" TO LONG CHORD LEFT LANE

FILL FACE @ END BENT No. 1

℄ GDR. #6L

℄ JOINT @ END BENT No. 1

#8 K2 (TYP. OVER EA. INT. GDR.)

40-#4 B1 @ 1'-6" CTS. (TOP OF SLAB) (2 BAR RUN, 1'-11" SPLICE)

℄ GDR. #7L

GUTTERLINE

1'-4½"

7½"

*1'-7½" *1'-6" *1½"

#5 A101 THRU #5 A124 @ 7½" CTS. (TOP OF SLAB)
#5 A201 THRU #5 A224 @ 7½" CTS. (BOTT. OF SLAB)

80'-7¹³⁄₁₆" (W.P. #1L TO W.P. #2L ALONG CONTROL LINE LEFT LANE ARC)

℄ JOINT @ END BENT No. 2

#8 K1 (TYP. OVER EA. EXT. GDR.)

3-#6 K3 (TYP. EA. BAY)

4-#4 K4 (TYP. EA. BAY)

6-#5 S1 @ 1'-0" CTS. & 6-#4 S2 @ 1'-0" CTS. (TYP. EA. BAY)

62-#4 J1

SEE "EXP. JT. SEAL DETAILS" SHEETS

38'-6⅞"

7'-6⅝"

FILL FACE @ END BENT No. 2

104°-35'-32" TO LONG CHORD LEFT LANE

SEE "DETAIL B"

W.P. #2L

#8 K2 (TYP. OVER EA. INT. GDR.)

#5 G1 PARALLEL TO JOINT (2 BAR RUN, 2'-5" SPLICE)

24'-7⅞"

*27'-0"

-L-

PLAN OF SPAN "A"

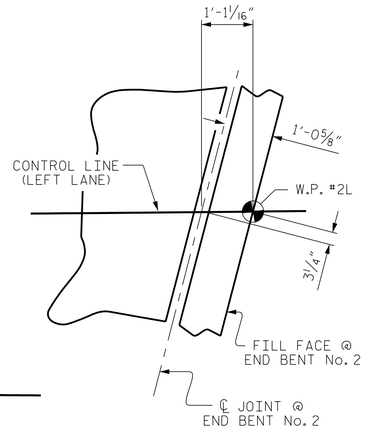
*DENOTES RADIAL DIMENSIONS

NOTES :

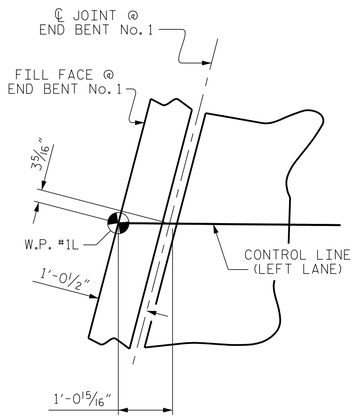
FOR CONCRETE BARRIER RAIL DETAILS AND REINFORCING STEEL, SEE "CONCRETE BARRIER RAIL" SHEETS.

FOR LOCATIONS OF INTERMEDIATE STEEL DIAPHRAGMS, SEE "FRAMING PLAN" SHEET.

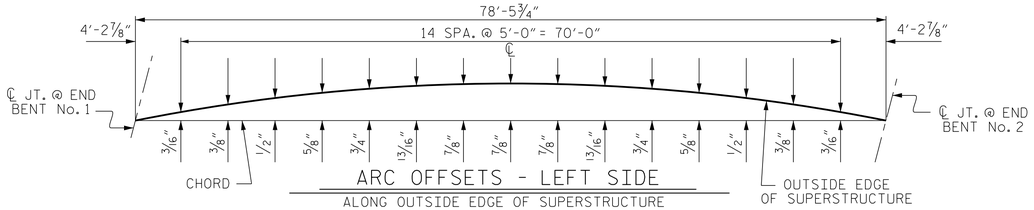
#5 "A" BARS ARE PLACED PERPENDICULAR TO CHORD OF -L- AND MEASURED ALONG SAME.



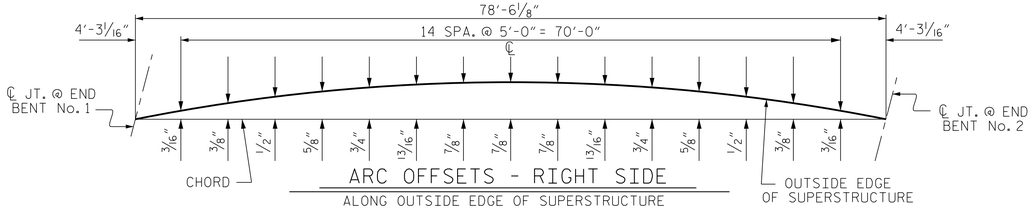
DETAIL B



DETAIL A



ARC OFFSETS - LEFT SIDE
ALONG OUTSIDE EDGE OF SUPERSTRUCTURE



ARC OFFSETS - RIGHT SIDE
ALONG OUTSIDE EDGE OF SUPERSTRUCTURE

PROJECT NO. HB-0004
HAYWOOD COUNTY
STATION: 254+73.75 -L-

DRAWN BY : D. HODGE DATE : 3/23
CHECKED BY : G.M. GILLAND DATE : 7/23

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ENGINEER OF RECORD
1/19/2024
NORTH CAROLINA PROFESSIONAL SEAL 37400 ENGINEER GREGORY M. GILLAND
DocuSigned by: Gregory M. Gilland

ETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
Bus: 919 851 8077
Fax: 919 851 8107
LICENSE NO. F-0377

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
PLAN OF SPAN
(LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-09
1			3			TOTAL SHEETS
2			4			58

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