PLAN OF SPAN A

170'-0" (FILL FACE TO FILL FACE)

110'-0" (W.P. 1 TO W.P. 2)

60'-0" (W.P. 2 TO W.P. 3)

267-#5 A1 AT 6½" CTS. (TOP OF SLAB)

267-#5 A2 AT 6½" CTS. (BOT. OF SLAB)

4'-10½"

-L-

38'-0"

16'-6" 9'-0"

22'-0"

15'-0"

7'-15⁄8"

1'-10½"

Ç JT. AT
END BENT 1

OUTSIDE EDGE OF
SUPERSTRUCTURE
(TYP.)

1'-11" (MIN.
SPLICE)

#4 B1

OUTSIDE FACE OF
BARRIER RAIL (TYP.)

2'-2" (MIN.
SPLICE)

#6 B2

BENT 1
CONTROL LINE

#6 B4

1½"
1'-6" CONC.
BAR. RAIL

#4 B1

EB1-2

EB1-5

W.P.1

EB1-6

EB1-3

EB1-1

EB1-4

GUTTERLINE Ç AG1

RIGHT LANE
WORK LINE

W.P.2

B1-2

120°-00'-00"
(TYP.)

B1-1

SEE
DETAIL "A"

Ç AG2

TRANSVERSE CONST. JT. REQ'D
(SEE "SUPERSTRUCTURE BILL OF
MATERIAL" SHEET FOR LOCATION)

TRANSVERSE CONST. JT. REQ'D
(SEE "SUPERSTRUCTURE BILL OF
MATERIAL" SHEET FOR LOCATION)

B1-3

38'-2¼"

1'-0"
BACKWALL

Ç AG3

11½"
(TYP.)

FILL FACE AT
END BENT 1

#5 A1 (TOP)
#5 A2 (BOT.)

Ç AG4

9-#5 B5 AT 9½" CTS.
(BOT. OF SLAB) (TYP. EA. BAY)
(3 BAR RUN) (2'-5" MIN. SPLICE)

2'-4" BENT
DIAPHRAGM

38'-9⅞"

36'-0"

32'-0"

33'-7½"

39'-3" (OUT TO OUT)

1'-10½"

#5 A141 (TOP)
#5 A241 (BOT.)

11½"
(TYP.)

Ç AG5

11½"
(TYP.)

B1-4

GUTTERLINE

#5 A101 THROUGH #5 A141 AT 6½" CTS.
(TOP OF SLAB)

6½"

FOR REINFORCING STEEL
IN CONCRETE BARRIER RAIL,
SEE "CONCRETE BARRIER RAIL"
SHEETS (TYP. EACH SIDE)

4-#5 B5 AT 8" CTS.
(BOT. SLAB) (3 BAR RUN)
(2'-5" MIN. SPLICE)
(TYP. EA. OVERHANG)

1½"
1'-6" CONC.
BAR. RAIL

#5 A201 THROUGH #5 A241 AT 6½" CTS.
(BOT. OF SLAB)

SPAN A

SPAN B

#5 A101 & #5 A102 SPLAY AS SHOWN (TOP OF SLAB)
#5 A201 & #5 A202 SPLAY AS SHOWN (BOT. OF SLAB)

PLAN OF SPAN A

FOR LOCATIONS OF TRANSVERSE CONSTRUCTION JOINTS,
SEE "SUPERSTRUCTURE BILL OF MATERIAL" SHEET.

END BENT 1 DIAPHRAGM DETAILS

EB1-1	3-#6 K1 (TYP. EA. BAY)
EB1-2	2-#8 K2 (OVER EA. EXT. GDR.) (4'-9" MIN. SPLICE)
EB1-3	2-#8 K3 (OVER EA. INT. GDR.) (4'-9" MIN. SPLICE)
EB1-4	8-#4 S1 AND 8-#5 S2 AT 10" CTS. (TYP. EA. BAY)
EB1-5	42-#4 J1 AT 1'-0" CTS. (SEE EXPANSION JOINT SEAL DETAILS FOR LOCATION OF BARS)
EB1-6	#5 G1 PARALLEL TO JOINT

① 32-#4 B1 (2 BAR RUN) (TOP OF SLAB)
(MIN. LAP SPLICE = 1'-11") (SEE
TYPICAL SECTION FOR SPACING)

② 32-#6 B2 (TOP OF SLAB) (SPLICE WITH #4
B1 AND #4 B3) (MIN. LAP SPLICE = 2'-2")
(SEE TYPICAL SECTION FOR SPACING)

③ 31-#6 B4 (TOP OF SLAB) (SEE TYPICAL
SECTION FOR SPACING)

BENT 1 DIAPHRAGM DETAILS

B1-1	8-#4 U1 AT 10" CTS. AND 32-#4 S3 (TYP. EA. BAY)
B1-2	#4 K5, 3-#6 K6 AND #4 K7 (TYP. EA. FACE) (TYP. EA. BAY)
B1-3	5-#4 K4 BETWEEN INTERIOR GIRDERS
B1-4	5-#4 K8 BETWEEN EXTERIOR GIRDERS

DETAIL "A"

1'-2⅝"

1'-0⅝"
AT 60°F

FILL FACE AT
END BENT 1

RIGHT LANE
WORK LINE

W.P.1

7⅝"

Ç JT. AT
END BENT 1

TRANSVERSE CONSTRUCTION JOINT IN DECK SLAB

Ç TRANSVERSE
CONST. JT.

2¾" 3" 2¾"

8½"

¾" ¾"

¾"

NOTE: REINFORCING STEEL IN SLAB NOT SHOWN.
LONGITUDINAL REINFORCING STEEL SHALL
BE CONTINUOUS THROUGH JOINT.

DRAWN BY : T. K. BOYD   DATE : SEP 2023
CHECKED BY : L. K. AUSTIN   DATE : SEP 2023
DESIGN ENGINEER OF RECORD : O. J. PAITEL   DATE : SEP 2023

tboyd
11/10/2023 R:\Structures\BRIDGE\RightBridge\DGN\FINAL\R2577A_SMU_S1_330B15.dgn

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		SR-9
1			3				TOTAL SHEETS
2			4				34