TYPICAL SECTION AT LINK SLAB

℄ -L-

60'-7" (OUT TO OUT)

30'-3½"   30'-3½"

1'-3½"   8'-0" MULTI-USE PATH   1'-0"   40'-0" CLEAR ROADWAY   1'-0"   8'-0" MULTI-USE PATH   1'-3½"

1½"   1'-2"   29'-0"   29'-0"   1'-2"   1½"

3½"   49 - #5B3 @ 1'-3" CTS. (TOP OF SLAB) (SEE "PLAN OF SPANS" SHEETS)   3½"

1'-1½"   48 - #5B2 @ 1'-3" CTS. (TOP OF SLAB) (SEE "PLAN OF SPANS" SHEETS)   8½"

8½"   48 - #5B2 @ 1'-3" CTS. (TOP OF SLAB) (SEE "PLAN OF SPANS" SHEETS)   1'-1½"

2-BAR METAL RAIL WITH 2'-6" PARAPET (TYP.)

1 1/4" HIGH B.B.U. (SEE NOTES, SHEETS 1 OF 3)

2¾" HIGH B.B.U. @ 3'-0" CTS.

CONST. JT. (LEVEL) (TYP.)

SEE DETAIL A (SHEET 2 OF 3)   0.02

GRADE PT.

#5 "A" BARS   0.02

11⅛" (TYP.)

STAY-IN-PLACE METAL FORMS (TYP.)

3½" TO 2-1" △

DRIP GROOVES (TYP. EA. OVERHANG)

1'-0" TO 3¾" HIGH B.B.U.

1'-0" TO 3¾" HIGH B.B.U.

AASHTO TYPE IV (54" DEEP) PRESTRESSED CONCRETE GIRDER (TYP.)

℄ GDR. 1   ℄ GDR. 2   ℄ GDR. 3   ℄ GDR. 4   ℄ GDR. 5   ℄ GDR. 6

7-#4 "B" @ 4" CTS. (BOTT. OF SLAB) (TYP. EA. OVERHANG)

1'-0½" (TYP.)   5'-4½"   5'-4½"   1'-0½" (TYP.)   27-#4 "B" @ 4" CTS. (BOTT. OF SLAB) (TYP. EA. BAY)   1'-0½" (TYP.)

3'-5"   5 SPACES @ 10'-9" = 53'-9"   3'-5"

TYPICAL SECTION AT LINK SLAB

PLAN OF GIRDERS AT BENT

LINK SLAB AREA (SEE PLAN OF SPAN)

BENT CONTROL LINE

2¾" HIGH B.B.U. @ 3'-0" CTS.

SEE DETAIL "B"   "B" BARS   "A" BARS

STAY-IN-PLACE METAL FORMS

2 LAYERS OF 30 LB. ROOFING FELT TO PREVENT BOND ON TOP OF GIRDERS (TYP.)

1¼" B.B.U. (SEE NOTES)

10½"   10½"

℄ BEARING   ℄ BEARING

PLAN OF GIRDERS AT BENT

PLAN OF GIRDERS AT BENT (center)

LINK SLAB AREA (SEE PLAN OF SLAB) *

3'-3" (SPAN A)   4'-9" (SPAN B)   AT BENT NO. 1

4'-9" (SPAN B)   2'-9" (SPAN C)   AT BENT NO. 2

10½"   10½"

2"

℄ GIRDER   ℄ BEARING   ℄ BEARING

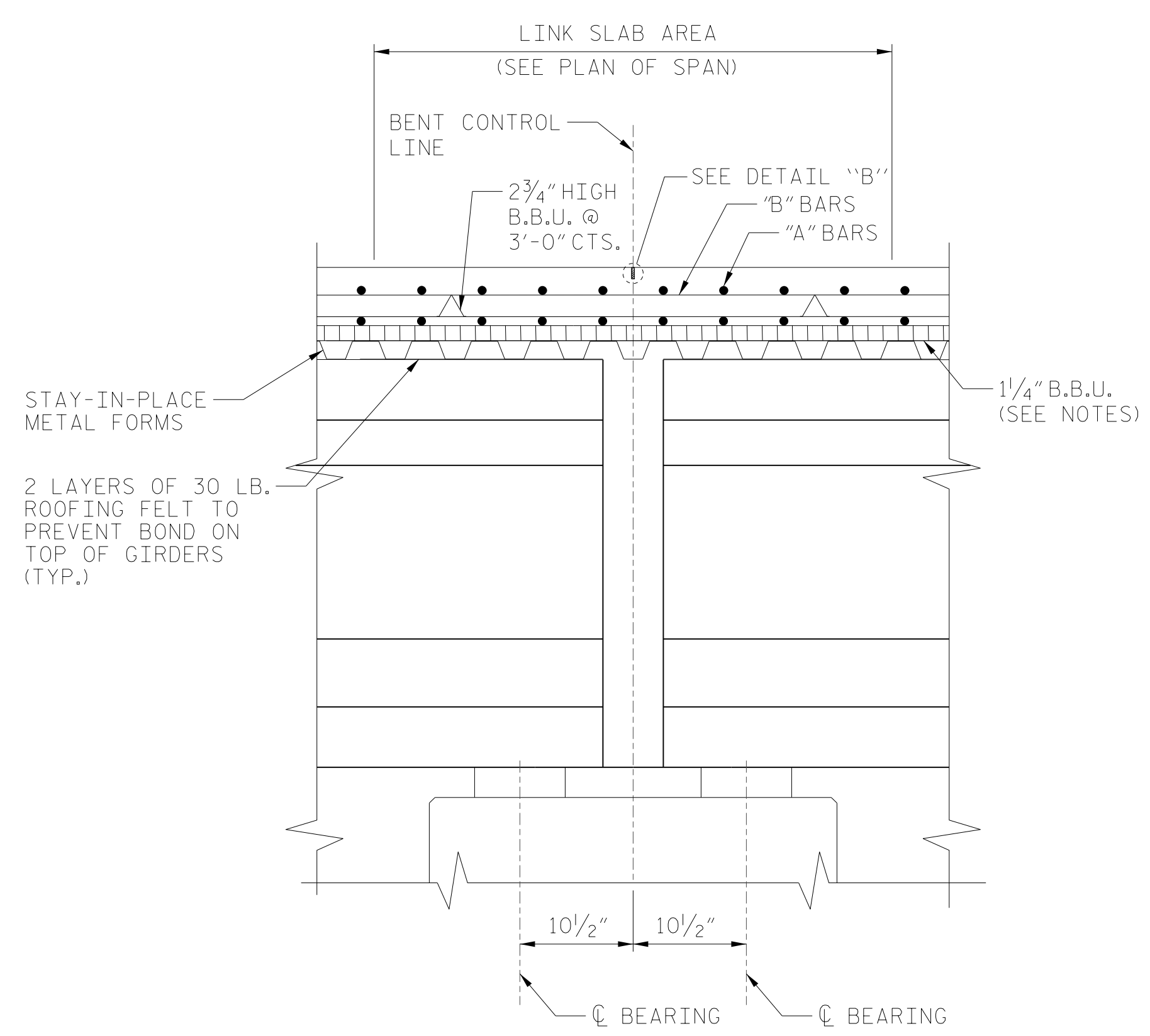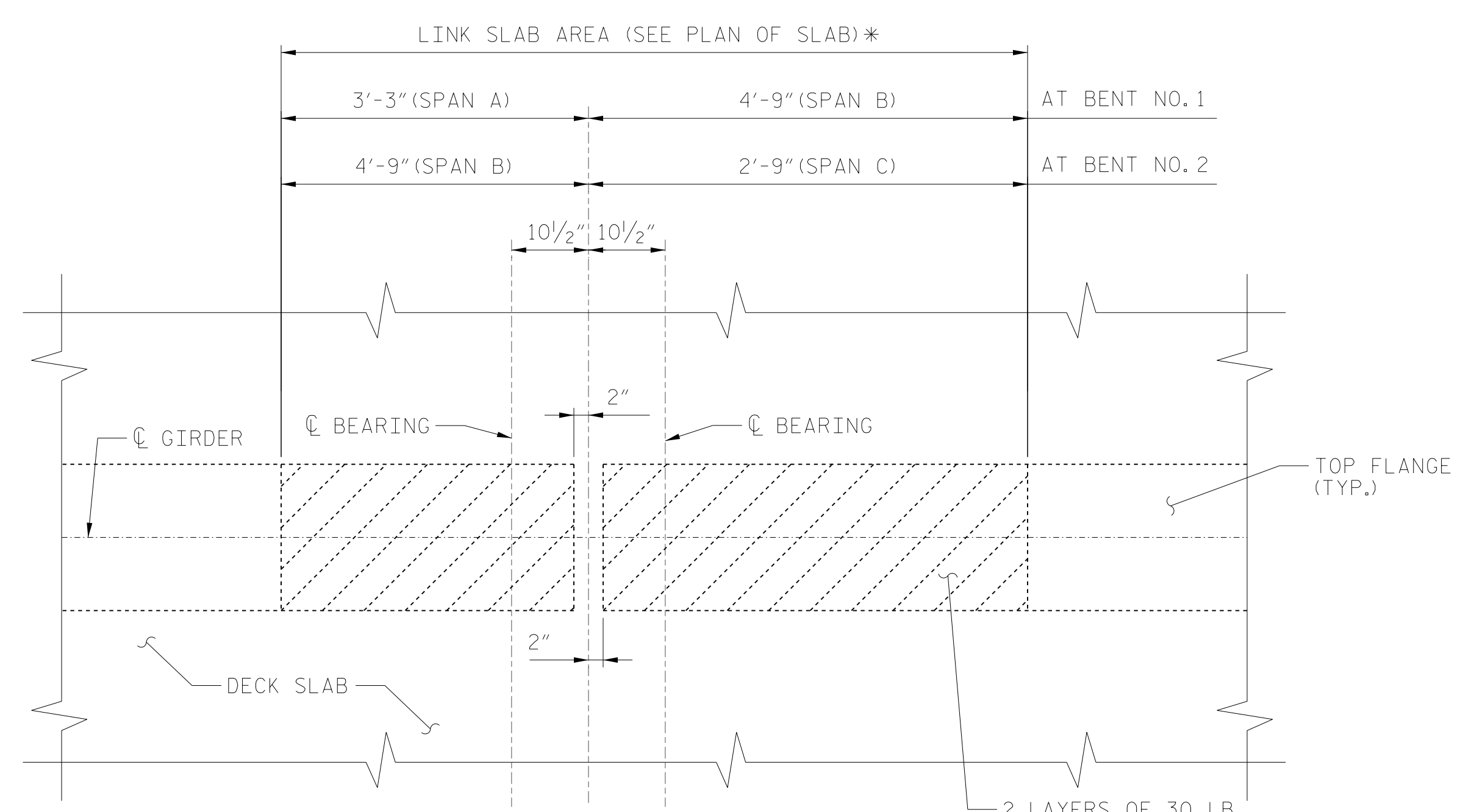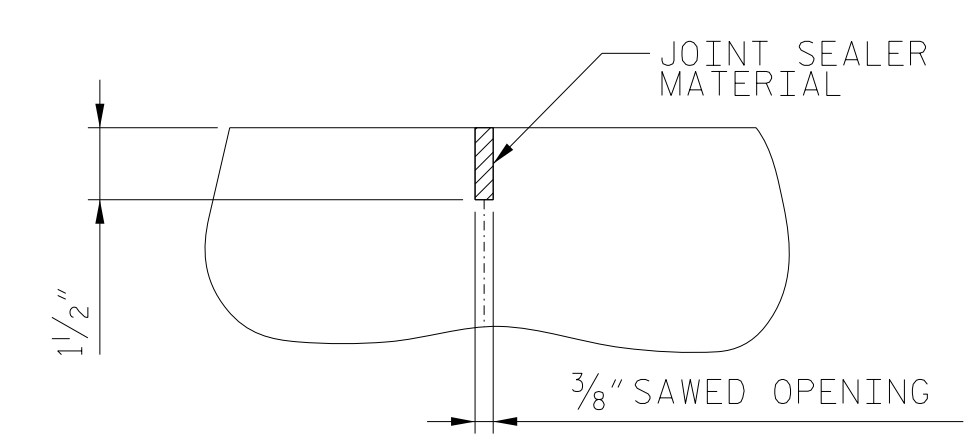TOP FLANGE (TYP.)

2"

DECK SLAB

2 LAYERS OF 30 LB. ROOFING FELT TO PREVENT BOND ON TOP OF GIRDERS (TYP.)

PLAN OF GIRDERS AT BENT

* THE TOP OF GIRDER IN THE REGION OF THE LINK SLAB SHALL BE SMOOTH (NOT RAKED) AND FREE OF STIRRUPS/STUDS, ANCHOR STUDS, DECK FORMWORK ATTACHMENTS, AND OVERHANG FALSEWORK/FORMWORK ATTACHMENTS.

DETAIL B

JOINT SEALER MATERIAL

1½"

⅜" SAWED OPENING

DETAIL B

A 1½" DEEP, ⅜" WIDE CONTRACTION JOINT AT BENT CONTROL LINE SHALL BE SAWN WITHIN 24 HOURS OF POURING THE DECK. THE JOINT SHALL BE FILLED WITH JOINT SEALER MATERIAL. THE JOINT SEALER MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1028-3 OF THE STANDARD SPECIFICATIONS.

PROJECT NO.   B-5318

WAKE   COUNTY

STATION: 19+73.00 -L-

SHEET 3 OF 3

Dewberry
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

TYPICAL SECTION

9/16/2022

Zachary Brown
ENGINEER
ZACHARY BROWN

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-8
1			3			TOTAL SHEETS
2			4			41

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

9/16/2022
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#USER#