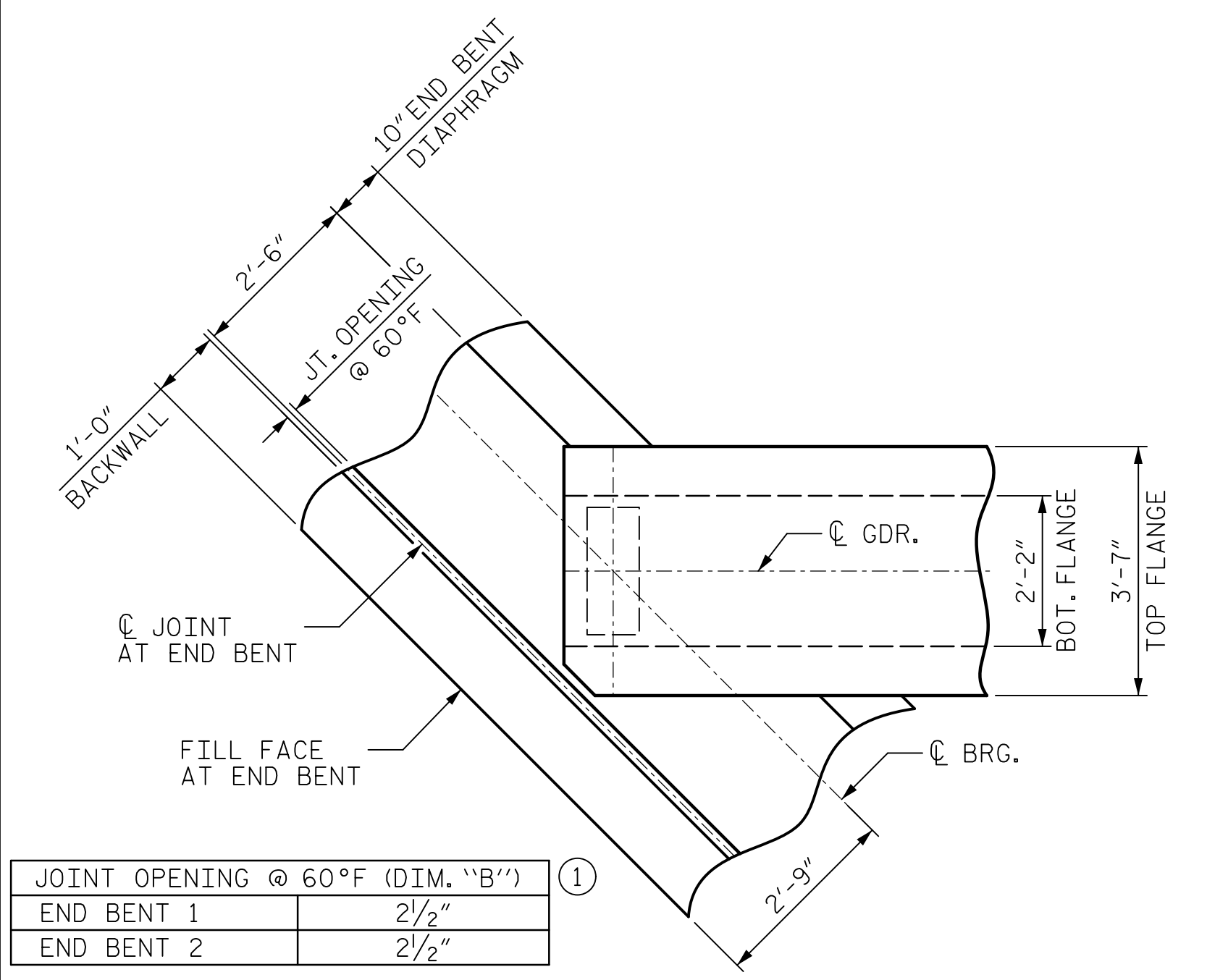


SECTION THRU END BENT DIAPHRAGMS
(SECTION NORMAL TO END BENT)

* #5G1 MAY BE SHIFTED SLIGHTLY AS NECESSARY TO CLEAR REINFORCING STEEL AND STIRRUPS.

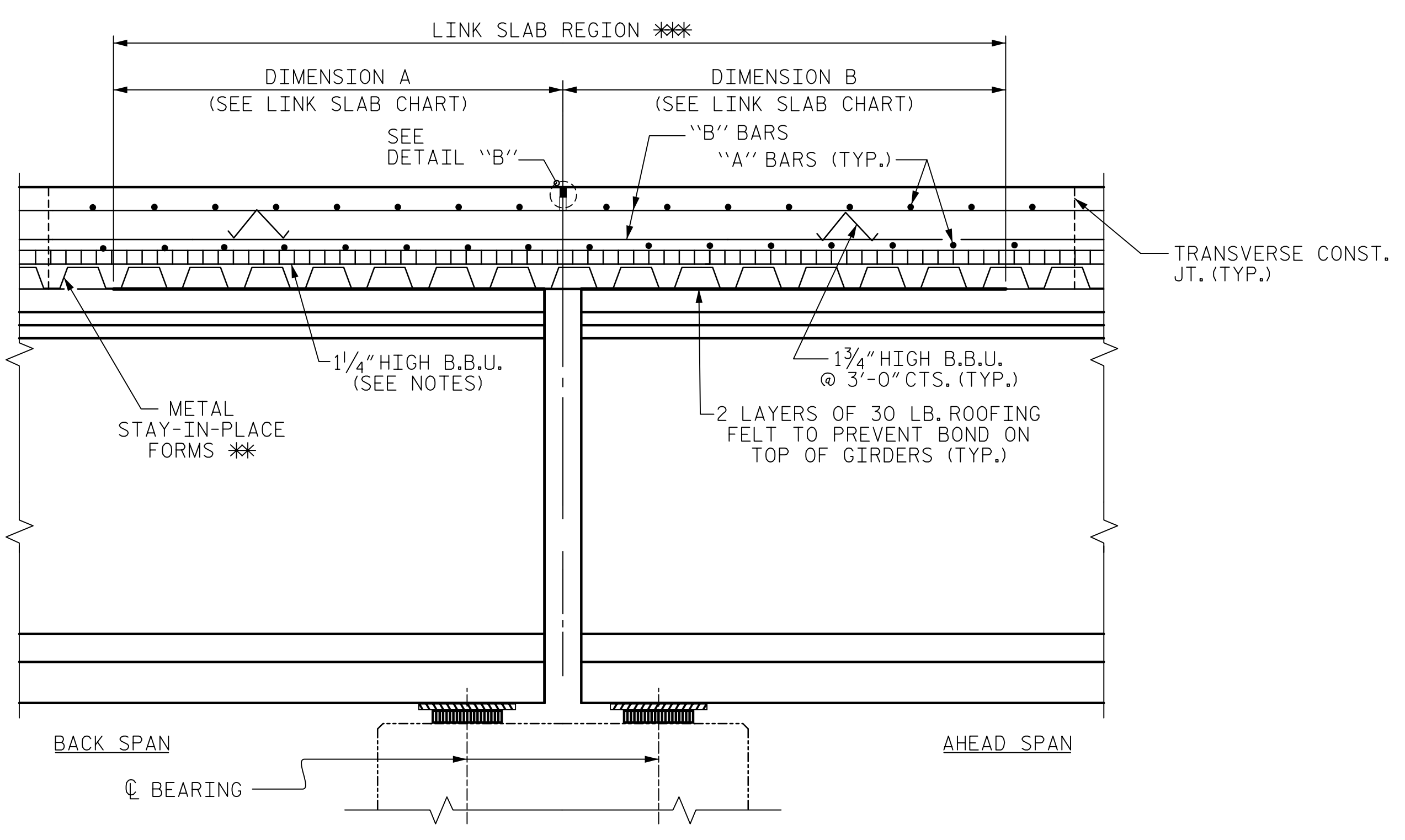


JOINT OPENING @ 60°F (DIM. "B")	
END BENT 1	2 1/2"
END BENT 2	2 1/2"

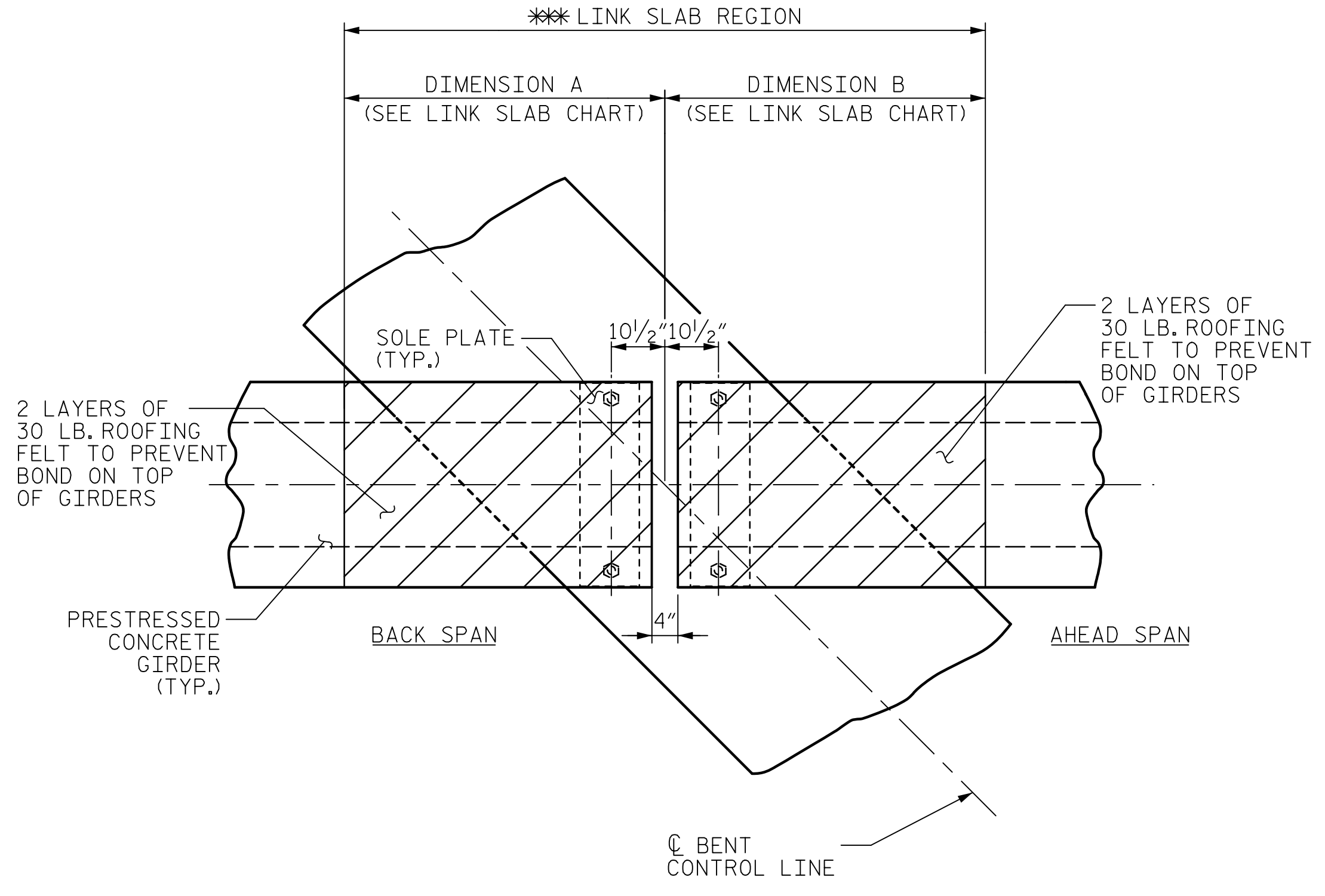
PLAN OF GIRDER AT END BENT

① SEE "STRIP SEAL EXPANSION JOINT DETAILS" SHEETS FOR DIM "B"

DRAWN BY : B.D. HODACK	DATE : 02/2022
CHECKED BY : G.R. COLS	DATE : 03/2022
DESIGNED BY : B.D. HODACK	DATE : 02/2022
DESIGN CHECKED BY : G.R. COLS	DATE : 03/2022



SECTION @ LINK SLAB
SECTION SHOWN ALONG GIRDER

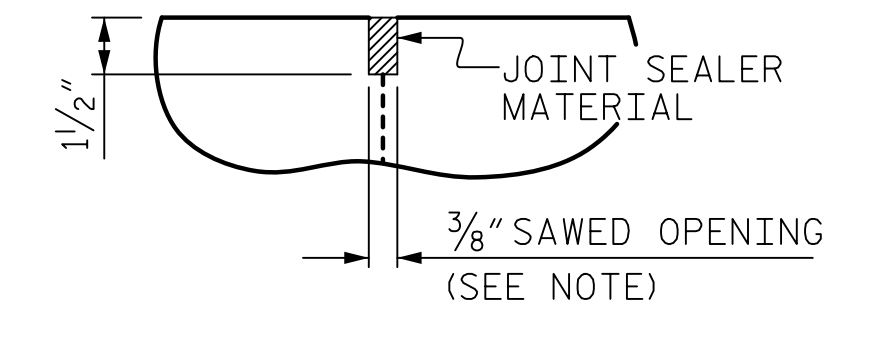


***: THE TOP OF GIRDER IN THE REGION OF THE LINK SLAB SHALL BE SMOOTH (NOT RAKED) AND FREE OF STIRRUPS, ANCHOR STUDS, DECK FORMWORK ATTACHMENTS, AND OVERHANG FALSEWORK/FORMWORK ATTACHMENTS.

*: METAL STAY-IN-PLACE FORMS SHALL NOT BE WELDED TO THE GIRDER FLANGES IN THE REGION OF THE LINK SLAB.

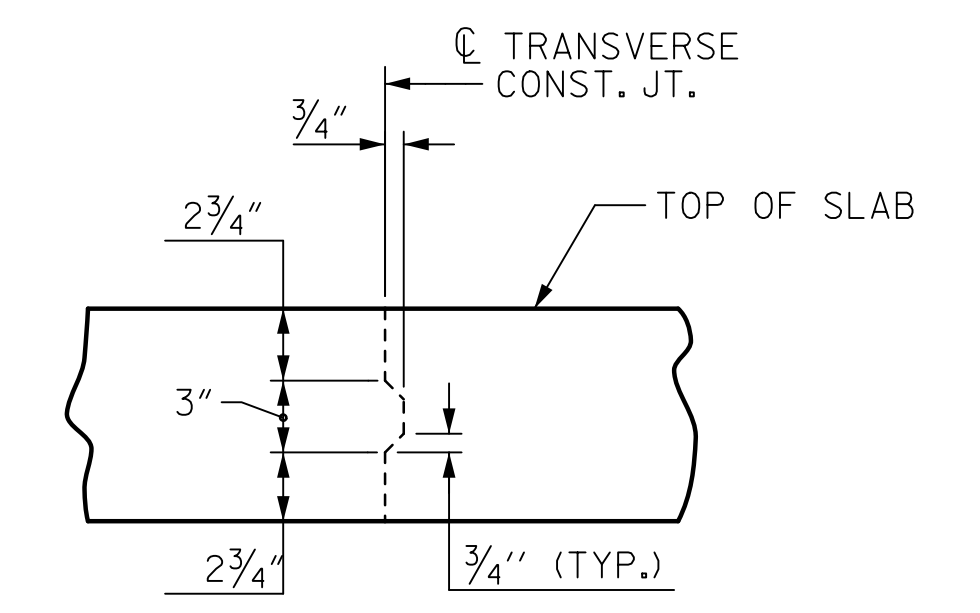
PLAN @ BENT

LINK SLAB CHART		
BENT No.	A	B
1	6'-2"	6'-2"
2	6'-2"	6'-2"
3	6'-2"	6'-2"
4	6'-2"	4'-2"



A 1/2" DEEP, 3/8" 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.

DETAIL "B"



TRANSVERSE CONSTRUCTION JOINT IN DECK SLAB

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

PROJECT NO. BR-0044
ROCKINGHAM COUNTY
STATION: 21+97.00 -L-

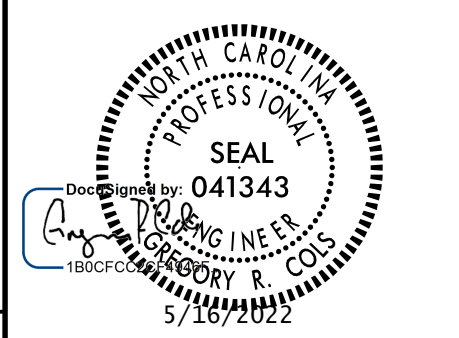
SHEET 2 OF 2



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

TYPICAL SECTION DETAILS



REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-07
1			3			TOTAL SHEETS
2			4			39

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DATE: 3/29/2022
TIME: 2:07:20 PM

USER: Bin.Lam@AECOM.com
DGN: F:\60571055 - BR-0044\BR00_CAD_GIS\910_CAD\70_NC\DOT_TIP\Structures\4 Drawings\01_0013_BR0044_SMLT_S02.dgn