

HALF SECTION AT INTEGRAL END BENT DIAPHRAGM

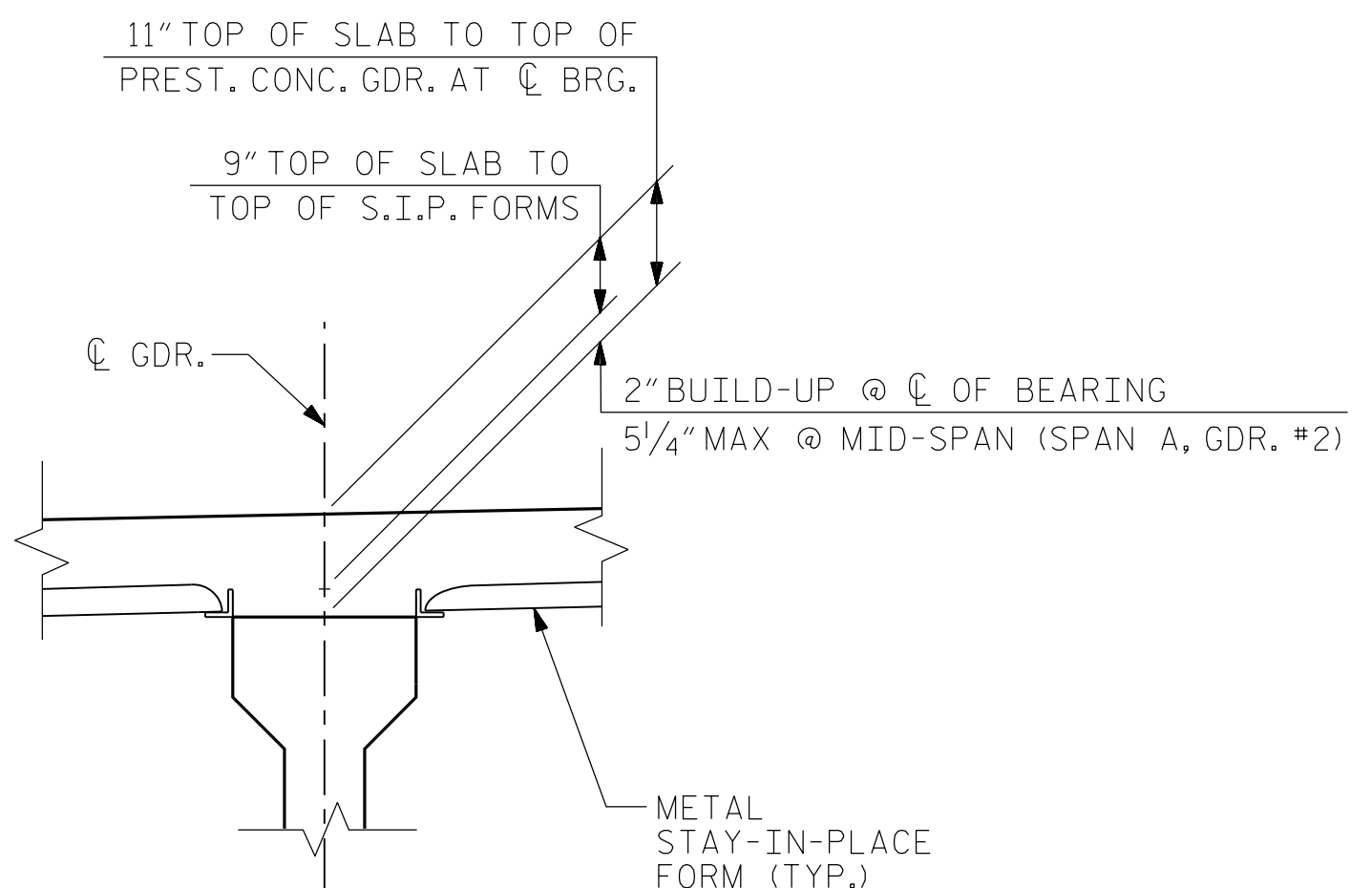
HALF SECTION AT INTERMEDIATE DIAPHRAGM

TYPICAL SECTION

FOR INTERMEDIATE STEEL DIAPHRAGM DETAILS, SEE "INTERMEDIATE STEEL DIAPHRAGMS FOR TYPE IV PRESTRESSED CONCRETE GIRDERS" SHEET.

NOTES

- PROVIDE 1/4" HIGH BEAM BOLSTERS UPPER AT 3'-0" CTS. ATOP THE METAL STAY-IN-PLACE FORMS TO SUPPORT THE BOTTOM MAT OF "A" BARS WHEN USING REMOVABLE FORMS. PROVIDE CONTINUOUS HIGH CHAIRS FOR METAL DECK (C.H.C.M.) @ 4'-0" CTS. WITH A HEIGHT TO SUPPORT THE BOTTOM MAT OF "A" BARS A CLEAR DISTANCE OF 2 1/2" ABOVE THE TOP OF THE REMOVABLE FORM.
- LONGITUDINAL STEEL MAY BE SHIFTED SLIGHTLY, AS NECESSARY TO AVOID INTERFERENCE WITH STIRRUPS IN PRESTRESSED CONCRETE GIRDERS.
- PREVIOUSLY CAST CONCRETE SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI. BEFORE ADDITIONAL CONCRETE IS CAST IN THE SPAN.

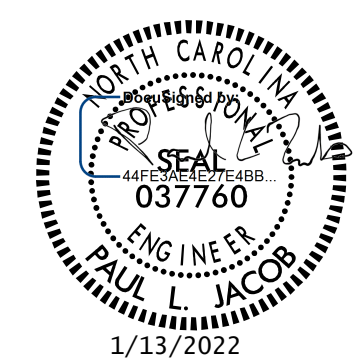


DETAIL "A"
(TYPICAL EACH GIRDER)
(SPAN A)

PROJECT NO. B-5737
 ROCKINGHAM COUNTY
 STATION: 20+86.07 -L-
 SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

TYPICAL SECTION



DRAWN BY : J. LOFTUS DATE : 03-2021
 CHECKED BY : P. JACOB DATE : 07-2021
 DESIGN ENGINEER OF RECORD: J. LOFTUS DATE : 04-2021

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DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S-5 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 29 |

1/12/2022 10:11:01 AM \\103\B5737\Structures\01-CADD\03-Final Drawings\401_009_B5737_SMU_TSDI_005_780108.dgn
 P. JACOB