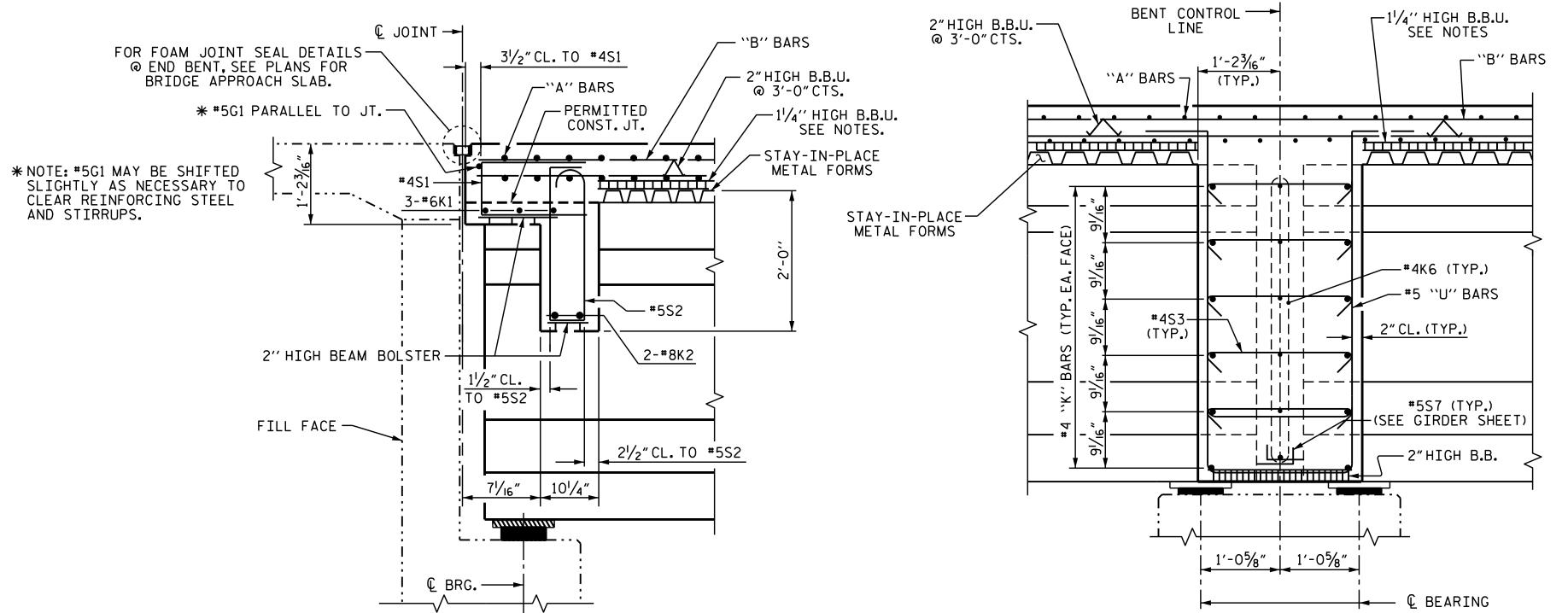


PARTIAL SECTION END BENT DIAPHRAGMS

** AT LONGITUDINAL AND TRANSVERSE LOCATIONS INDICATED ON BRIDGE DECK FOR CONSTRUCTION JOINT, PROVIDE 1"DEEP SAW CUT FOR THE CONSTRUCTION JOINT AT SURFACE OF DECK. BELOW SAW CUT, REMOVE CONCRETE IN DECK AND DIAPHRAGMS WITH APPROPRIATE METHODS. RETAIN RESPECTIVE EXISTING REINFORCING STEEL AT MINIMUM SPLICE LENGTHS AS INDICATED. WHEN REPLACING CONCRETE, SPLICE NEW REINFORCING STEEL TO EXISTING REINFORCING STEEL, AS APPROPRIATE.

$52'-7\frac{1}{2}$ " (OUT TO OUT) $10'-4\frac{1}{2}$ " REBUILD 8'-10" 1'-5" CONCRETE BARRIER RAIL #5 "B" BARS @ 43/4" CTS. (SEE DETAIL "B") 2 SPA.@-9¹⁵/₁₆"CTS. ← CONST.JT. 1'-1³/₄", 7-#5B2 @ 9¹³/₁₆", CTS. (BOTTOM OF SLAB) #5B1 (TOP — 6-#5U1 @ -RETAIN 2'-5" MIN. FOR OF SLAB) 9"CTS. EXISTING "A" BARS CONCRETE -- 2'-0" ANCHORED TO #5U2 BARRIER RAIL PORTABLE CONCRETE EXISTING BARRIER RAIL "A" BARS BARS (EA. FACE) 2"HIGH B.B.U. @ 3'-0"CTS. #4S3 ----- (39 REQ'D.) L#4K4| 1'-13/4" (EA. FACE) (EA. FACE) RETAIN 1'-7" MIN. FOR 4-#5B2 @ 913/16"CTS.— (BOTTOM OF OVERHANG) 2"HIGH B.B.-EXISTING #4 "K" BARS #4K6 (IN CENTER) © GDR. 3-5 7-€ GDR.1 8′-10⁵/₁₆" 8'-105/16 4'-2" BAY 1 BAY 2 PARTIAL SECTION CONTINUOUS BENT DIAPHRAGM

TYPICAL SECTION



#5B1

2"HIGH B.B.U.

@ 3'-0"CTS.

PREST. CONC. GDR. @ © BRG.

2%6"BUILD-UP

@ € GIRDER

STAY-IN-PLACE

METAL FORMS
(TYP.)

4³/₄" TO

#5B5

41665.13C

730472

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

COUNTY

SHEET NO

S2-2

TOTAL SHEETS

81/16" TOP OF SLAB TO TOP

OF S.I.P. FORMS @ BRG.

DETAIL "A"

6-#5<u>B1</u> @ 1'-6 1/8" CTS.

(TOP OF SLAB)

#5B2 (BOTTOM OF SLAB)

(TYP.)

SIGNATURES COMPLETED

#5B4-

(TYP.)

10'-65/16" REBUILD

#5B3 THRU #5B5 @ |43/4"CTS.(TOP OF SLAB)

-#5B3

(TYP.)

DETAIL "B"

(DETAIL SHOWING "B" BARS IN
REBUILD AREA) (SEE "PARTIAL PLAN OF
SPAN A" FOR ADDITIONAL DETAILS)

PROJECT NO._

BRIDGE NO._

SHEET 1 OF 2

PITT

(TYP. BETWEEN #5B1)

BARS

© GDR. ✓

M.K. BEARD

D.R. SHACKELFORD

DRAWN BY :

CHECKED BY :

_ DATE : 6/23/21

DATE : 6/24/21

SECTION THRU END BENT DIAPHRAGM