

 $2\frac{1}{2}$ " BEAM

BOLSTERS UPPERS

@ 3'-0"CTS.

11/4" BEAM

BOLSTERS UPPERS (TYP, SEE NOTES).

> STAY-IN-PLACE - METAL FORMS

**NOTES** 

PROVIDE 11/4" HIGH BEAM BOLSTERS UPPER AT 4'-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  $2\frac{1}{2}$ " 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 IN SPAN "A" SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE SPAN.

BARRIER RAIL IN SPAN "A" SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE SPAN HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

FOR F-SHAPE CONCRETE BARRIER RAIL DETAILS, SEE "CONCRETE BARRIER RAIL" SHEET.

> I-4729A PROJECT NO. **POLK** COUNTY 22 + 87.20 -RP E-**STATION:**

> > STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

> > > **SUPERSTRUCTURE**

SEAL 029979 ocusion of CINECK 8/10/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TYPICAL SECTION

SHEET No. **REVISIONS** TOTAL SHEETS 24

SECTION THRU END BENT DIAPHRAGM

SECTION A-A

#5S1-

 $1\frac{1}{2}$ " CL.

TO #5S1

1'-9"

 $3\frac{1}{2}$ " CL.

TO #4U1

#4 \`B'' BARS—

#5 ``A'' BAR (TYP.)

2-#8 ''K'' BARS

 $2\frac{1}{2}$ " CL.

TO #5S1 —

2″HIGH

-BEAM BOLSTERS

#5 "B" BARS

-PERMITTED CONST.JT.

FOR FOAM JOINT

SEAL DETAILS, SEE \_
"BRIDGE APPROACH

SLAB DETAILS" SHEET.

FILL FACE ---

\* #5 ``G'' BAR PARALLEL—

TO JOINT

APPROACH SLAB —

1'-61/2

\*#5 ``G''BAR MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO CLEAR REINFORCING STEEL

AND STIRRUPS.

ELASTOMERIC

CONCRETE -

3-#6K3

2"HIGH BEAM

BOLSTERS -

1'-0"

**PARSONS** K. E. LOFTON DATE : 5–17 \_ DATE : <u>7–17</u> CHECKED BY A. D. SHAH DESIGN ENGINEER : A. D. SHAH DATE : 8-17

PLAN OF DIAPHRAGM AT END BENT 1

€ JT.@ END BENT

GIRDER

NOTCH

IN TOP OF

GIRDER

FILL FACE @\_ END BENT

5540 Centerview Drive, Suite 217 Raleigh, NC 27606-3386 NC LICENSE No. F-0246

PLANS PREPARED BY

**Q** GIRDER