

NOTES:

PROVIDE 1/4" 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 1/2" ABOVE THE TOP OF THE REMOVABLE FORM.

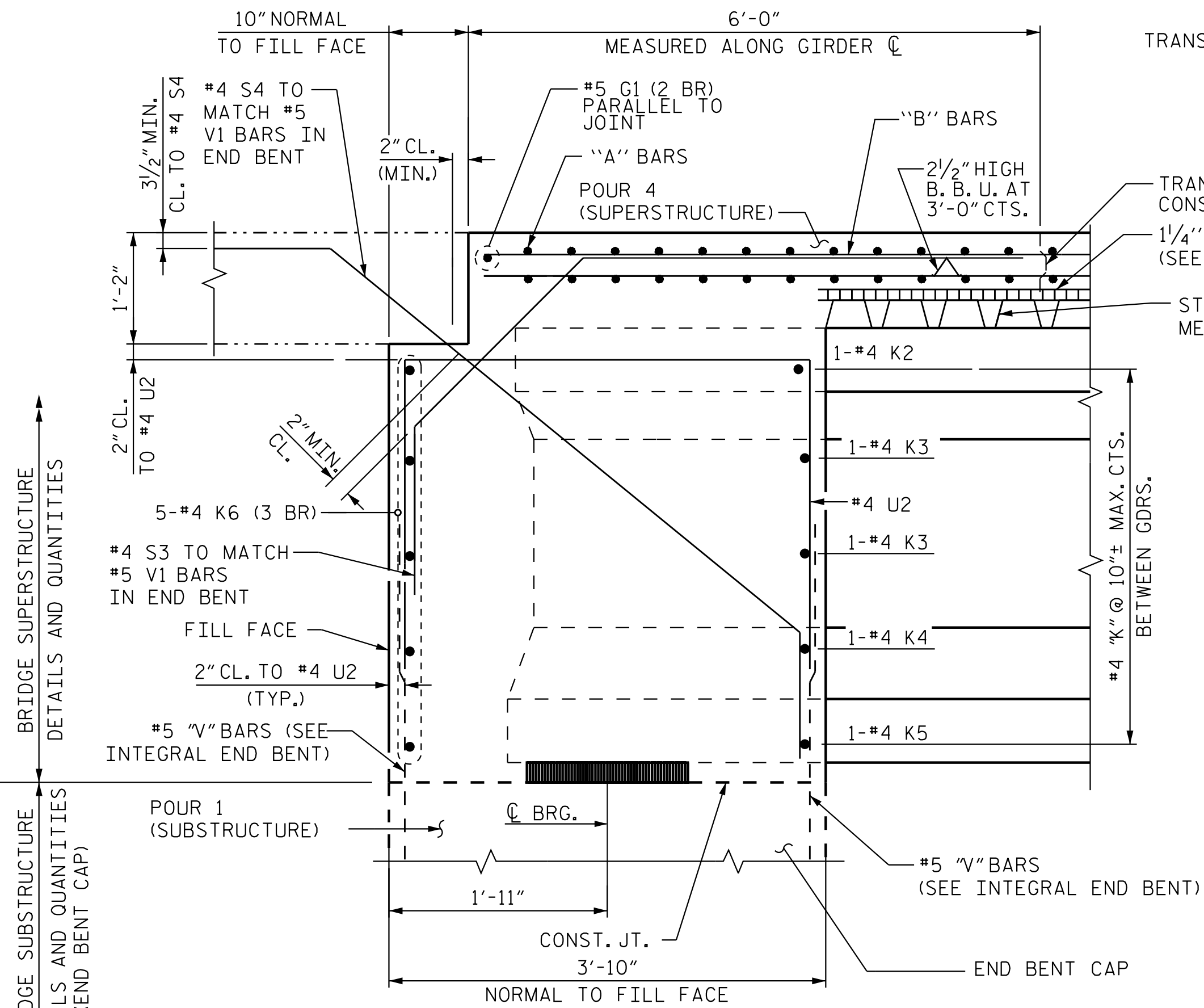
LONGITUDINAL STEEL MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO AVOID INTERFERENCE WITH STIRRUPS IN PRESTRESSED CONCRETE GIRDERS.

NO CHAMFER IS REQUIRED ON CORNERS OF GIRDER BUILDUPS.

PREVIOUSLY CAST CONCRETE IN A CONTINUOUS UNIT SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE UNIT EXCEPT AS NOTED IN THE PLANS.

ALL REINFORCING STEEL IN CONCRETE BARRIER RAILS SHALL BE EPOXY COATED.

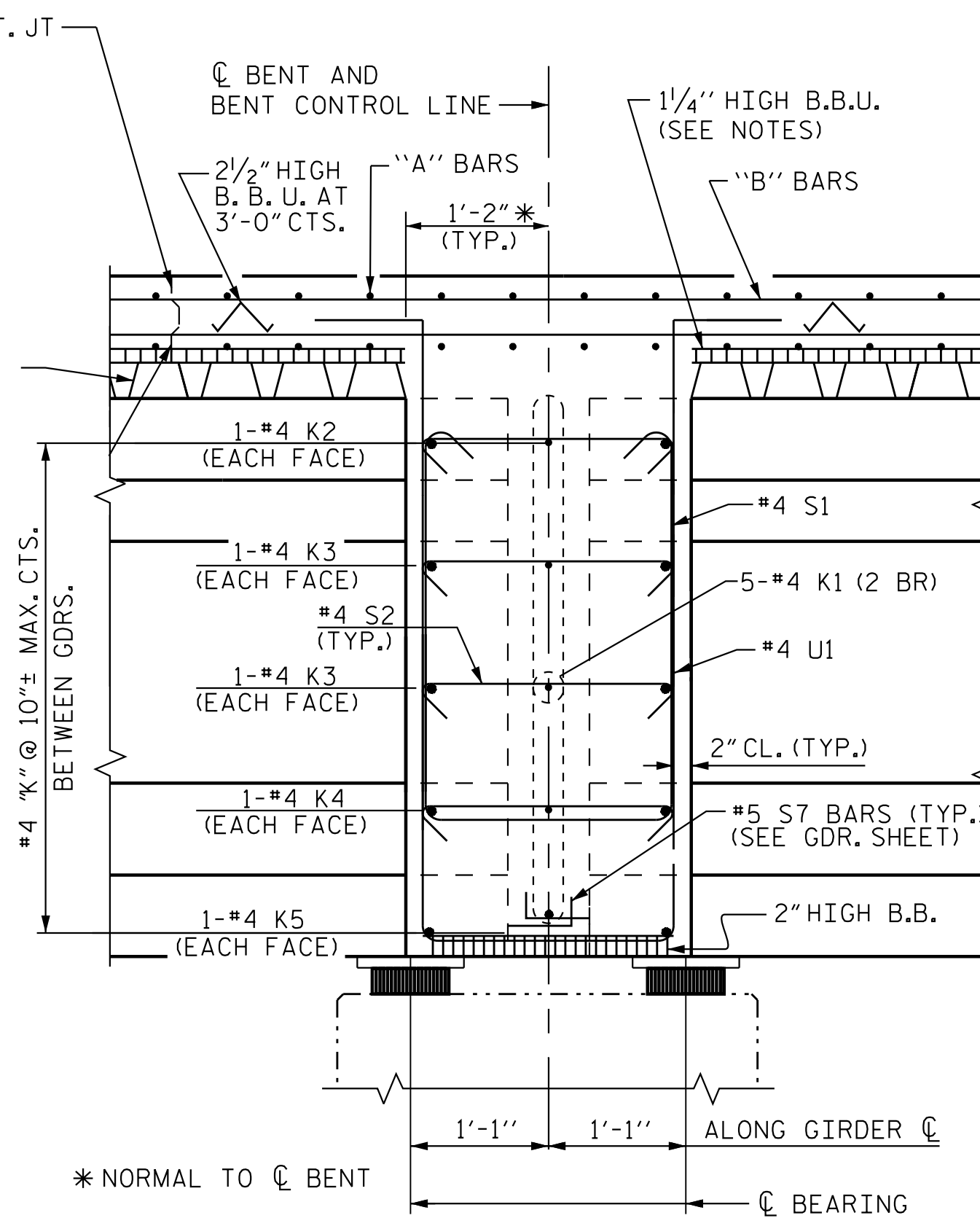
#5 G1 BAR MAY BE SHIFTED SLIGHTLY, AS NECESSARY TO CLEAR REINFORCING STEEL AND STIRRUPS.



SECTION B-B

SECTION THRU INTEGRAL END BENT DIAPHRAGM, SEE "PLAN OF SPANS DETAILS - DIAPHRAGMS", SHEET 3 OF 3

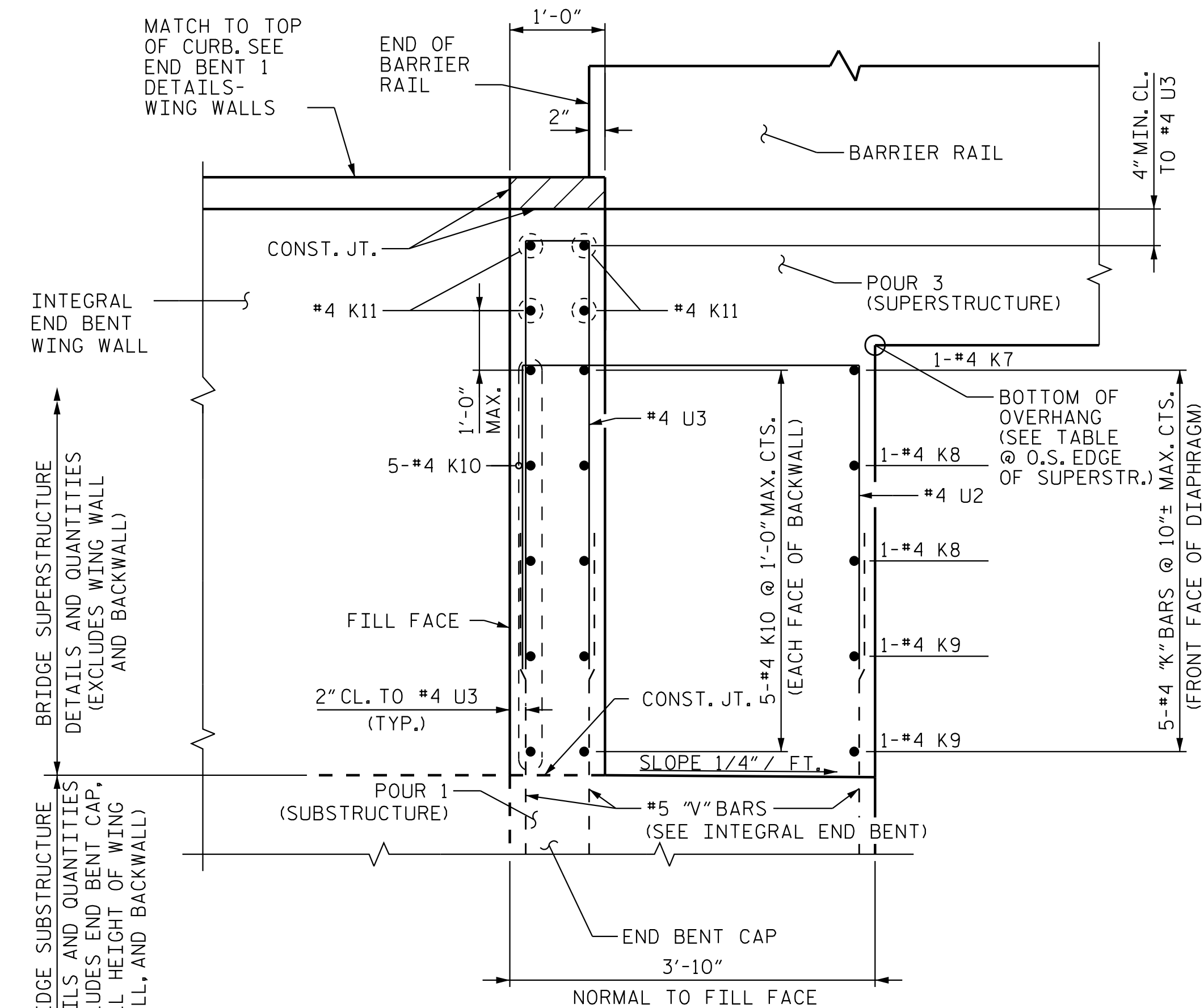
NOTE: 3 BR DENOTES 3 BAR RUN



SECTION A-A

SECTION THRU DIAPHRAGM @ INTERIOR BENT, SEE "PLAN OF SPANS DETAILS - DIAPHRAGMS", SHEET 3 OF 3

NOTE: 2 BR DENOTES 2 BAR RUN, 3 BR DENOTES 3 BAR RUN

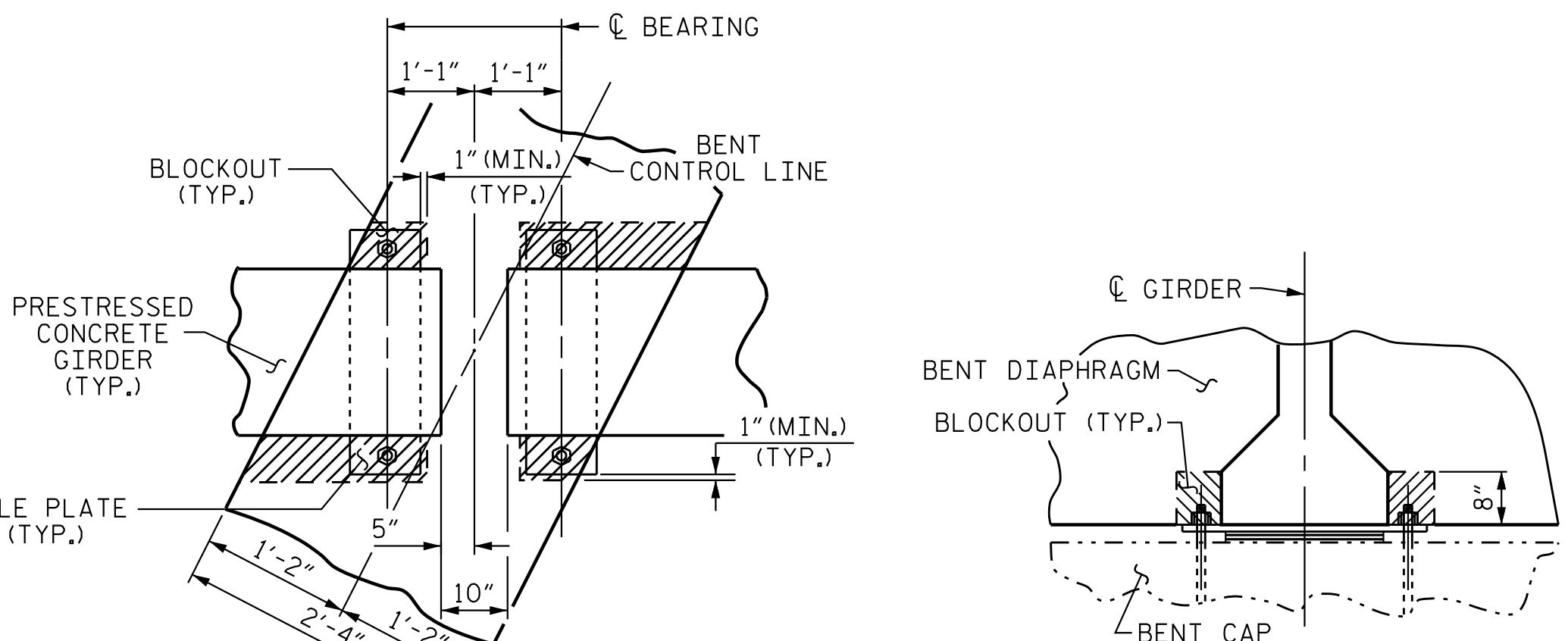


SECTION C-C

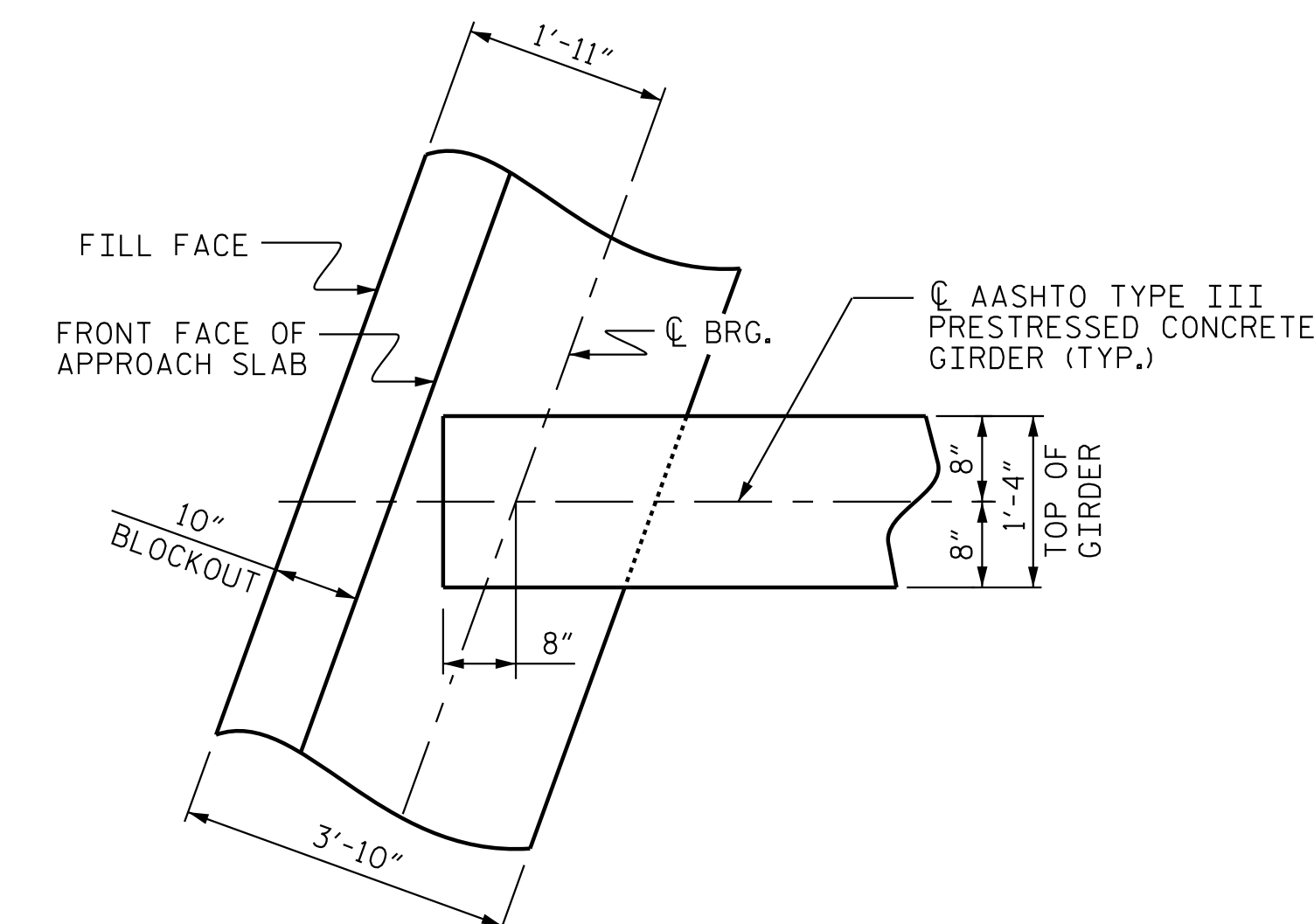
VIEW OF INTEGRAL END BENT BACKWALL AND DIAPHRAGM BEYOND O.S. EDGE OF DECK SLAB. SEE "PLAN OF SPANS DETAILS - DIAPHRAGMS", SHEET 3 OF 3

BOTTOM OF OVERHANG ELEV. @ OUTSIDE EDGE OF SUPERSTR.

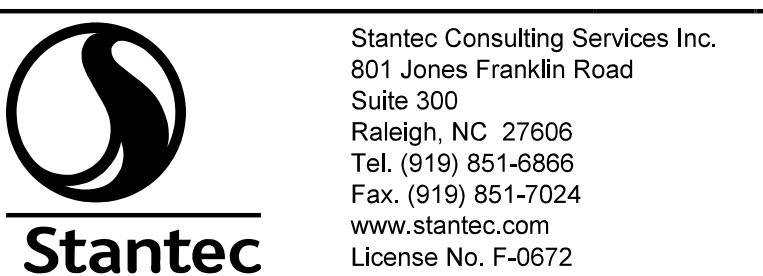
OVERHANG	END BENT	ELEV.
LEFT SIDE	1	893.17
RIGHT SIDE	1	894.70
LEFT SIDE	2	889.82
RIGHT SIDE	2	891.35



BENT DIAPHRAGM BLOCKOUT DETAIL

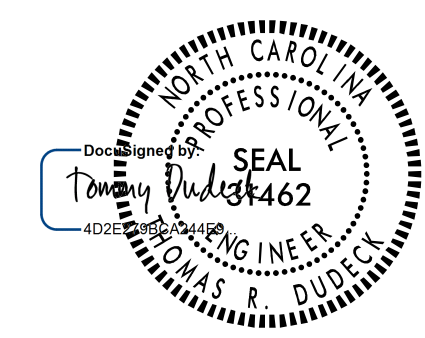


PLAN OF INTEGRAL END BENT



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DRAWN BY: J. E. HAGENBUSH DATE: 01-25-17
CHECKED BY: N. D'AUTO DATE: 02-15-17
DESIGN ENGINEER OF RECORD: T.R. DUDECK DATE: 01/16/18



1/16/2018

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. U-2525C
GUILFORD COUNTY
STATION: 337+20.09 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
TYPICAL SECTION (DETAILS)
(LL)

REVISIONS						SHEET NO. S4-7
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 39
2			4			

STR. #4

1/12/2018 5:33:08 PM jgelle
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