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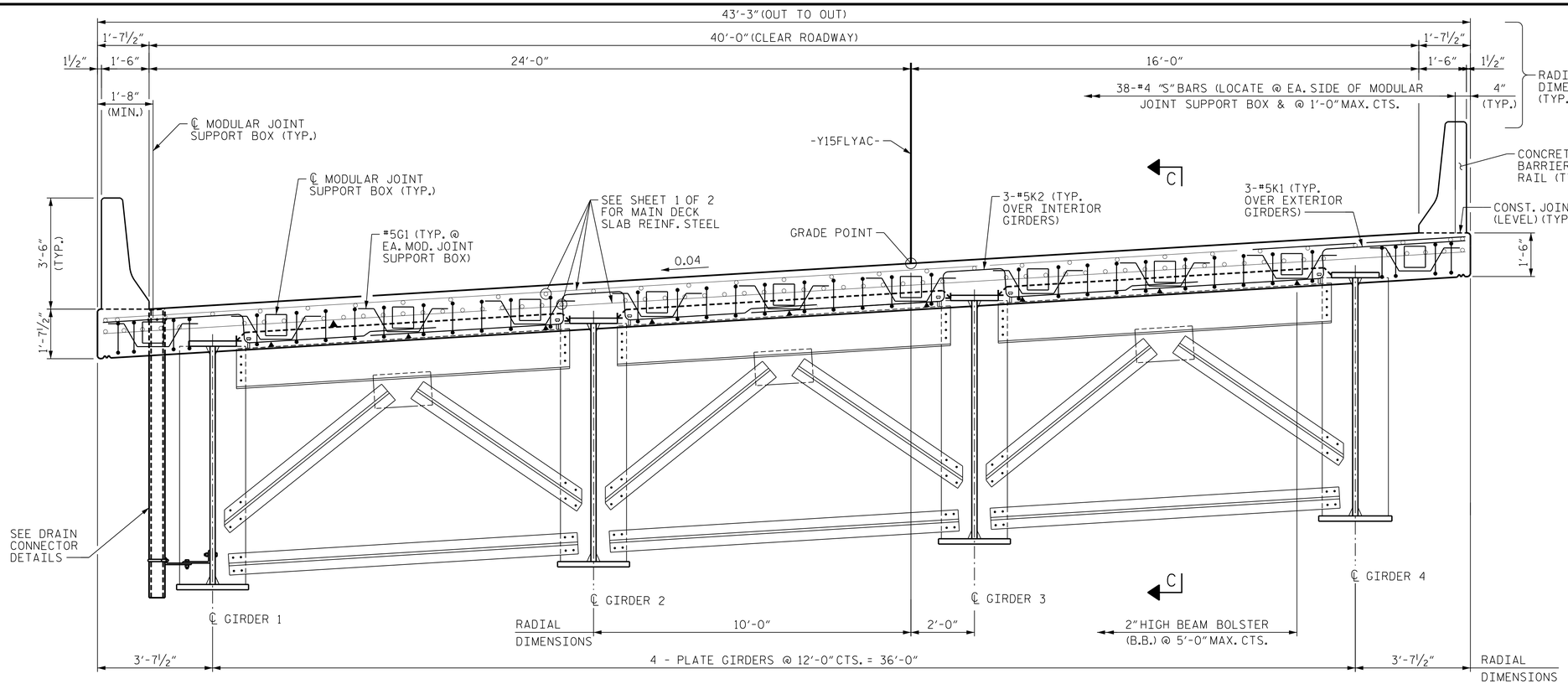


NOTES

SEE SHEET 1 OF 2 FOR ADDITIONAL NOTES NOT SHOWN HERE.

THE "B" BARS IN THE DECK SLAB MAY BE CUT AS DIRECTED BY THE ENGINEER TO CLEAR THE MODULAR JOINT SUPPORT BOXES.

FOR MODULAR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.

SPECIAL SNOWPLOW PROTECTION IS REQUIRED. SEE SPECIAL PROVISION FOR MODULAR EXPANSION JOINT SEALS.

SET TOP OF MODULAR EXPANSION JOINT SEAL DEVICE A MINIMUM OF ⅛" AND A MAXIMUM OF ¼" BELOW THE TOP SLAB.

FOR LOCATION OF SECTION A-A, SEE "SUPERSTRUCTURE PLAN OF SPANS UNIT 1" SHEET 1 OF 4.

DECK DRAIN NOTES

PVC DECK DRAINS SHALL BE PAINTED WITH TWO COATS OF BROWN PRIMER MEETING THE REQUIREMENTS OF ARTICLE 1080-09 OF THE STANDARD SPECIFICATIONS. EACH COAT SHALL BE 2 DRY MILS THICK. DECK DRAINS SHALL BE ROUGHENED PRIOR TO PAINTING. NO SEPARATE PAYMENT SHALL BE MADE FOR PAINTING PVC DECK DRAINS AS THIS IS CONSIDERED INCIDENTAL TO THE PAY ITEM FOR REINFORCED CONCRETE DECK SLAB.

TOP OF FLOOR DRAIN TO BE SET ⅜" BELOW SURFACE OF SLAB.

4 - ½" SQUARE LUGS TO BE GLUED TO THE PVC PLASTIC PIPE AT EQUAL SPACES AROUND THE PIPE DRAIN APPROXIMATELY 4" FROM THE TOP OF THE PIPE.

COUPLING IN DRAIN PIPE WILL BE PERMITTED AS APPROVED BY THE ENGINEER.

BOLT SIZE TO BE SAME AS DIAPHRAGMS AND CROSSFRAME CONNECTIONS. STAINLESS STEEL WORM DRIVE HOSE CLAMP SHALL BE COMMERCIAL QUALITY.

THE 6" DIA. PVC PIPE AND FITTINGS SHALL BE SCHEDULE 40 AND CONFORM TO ASTM D1785.

PLATES SHALL CONFORM TO AASHTO M270 GRADE 50W STEEL OR APPROVED EQUAL.

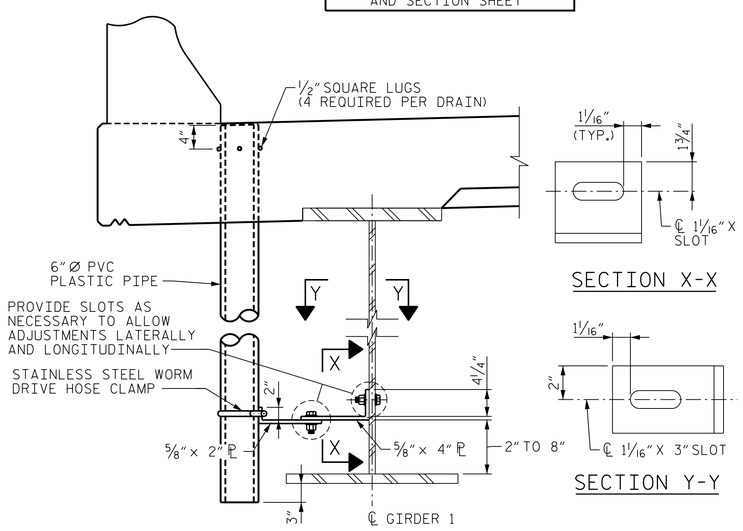
TYPICAL SECTION AT BENT DIAPHRAGM

(SHOWING MODULAR JOINT DETAILS @ BENT 5. DETAILS AT END BENT 1 SIMILAR)

■ = SEE "MODULAR EXPANSION JOINT SEAL DETAILS FOR BARRIER RAIL" SHEET

▲ = SEE "APPROACH SLAB PLAN AND SECTION" SHEET

† = DISTANCE NORMAL TO JOINT

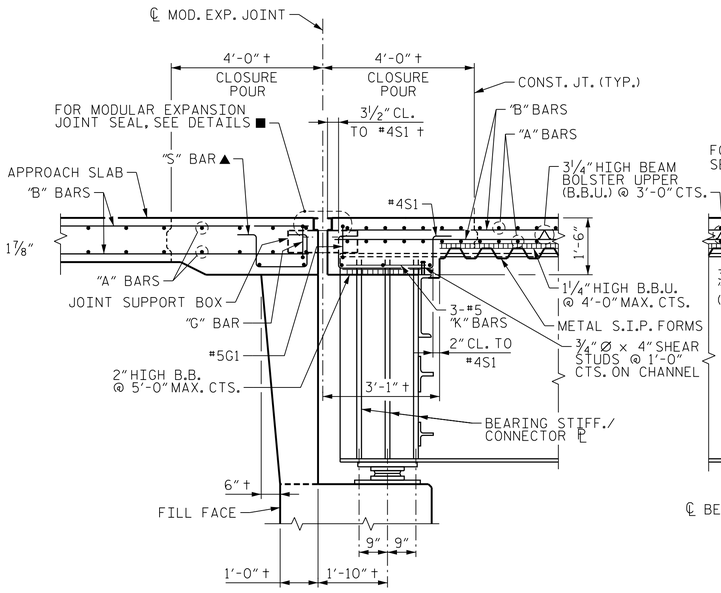


SECTION X-X

SECTION Y-Y

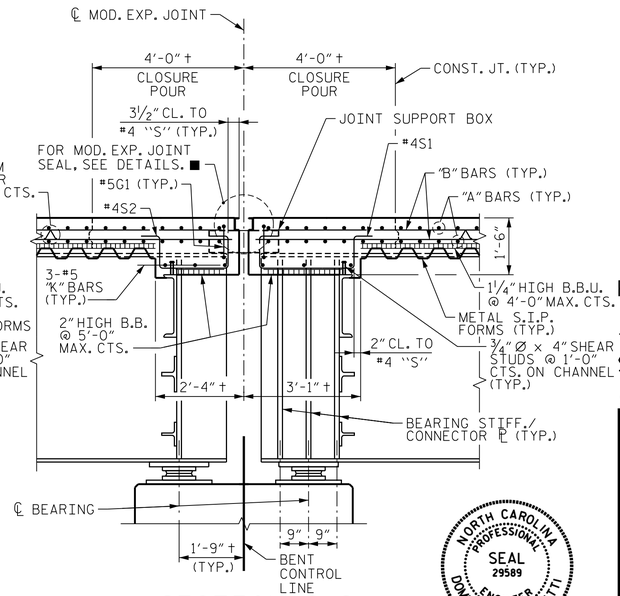
DRAIN CONNECTOR DETAILS

(53 REQ'D)



SECTION A-A

(@ END BENT 1)



SECTION C-C

(@ BENT 5)

PROJECT NO. U-2579AB

FORSYTH COUNTY

STATION: 60+66.06 -Y15FLYAC-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE TYPICAL SECTION

NORTH CAROLINA PROFESSIONAL SEAL 29589 ENGINEER DOMENIC A. COLETTI

Domenic A. Coletti 10/15/2021

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N.C.B.E.L.S. License Number: F-0116

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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S04-019
1	--	--	3	--	--	TOTAL SHEETS
2	--	--	4	--	--	144

DES BY:	T. ANDREWS	DATE :	07/19
DES CHK:	M. NEIHEISEL	DATE :	06/19
DWG BY:	B. PETERSON	DATE :	07/19
CHK BY:	G. SCHMITZ	DATE :	11/19

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