

NOTES

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

PREVIOUSLY CAST CONCRETE IN ANY SPAN OF THE CONTINUOUS UNIT SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 21 MPa BEFORE ADDITIONAL CONCRETE IS CAST IN THE UNIT.

BARRIER RAIL IN THE CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 20.7MPa.

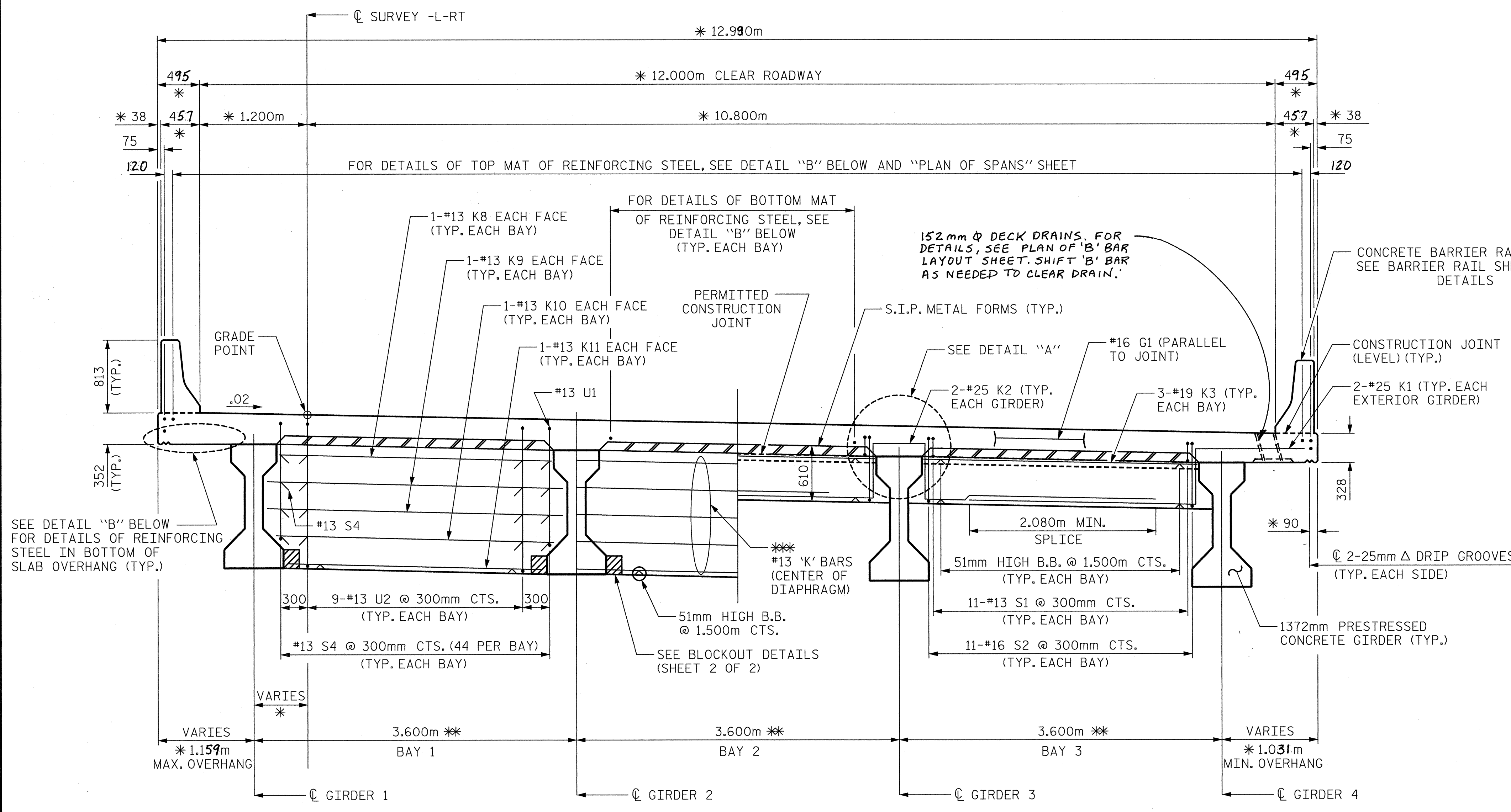
TEMPORARY STRUTS SHALL BE PLACED BETWEEN PRESTRESSED GIRDERS ADJACENT TO THE DIAPHRAGMS AND THE NUTS ON THE 31.75mm DIA. TIE RODS SHALL BE FULLY TIGHTENED BEFORE THE DIAPHRAGMS ARE CAST. STRUTS SHALL REMAIN IN PLACE THREE (3) DAYS AFTER CONCRETE IS PLACED. THE TIE RODS SHALL BE RETIGHTENED AFTER THE STRUTS HAVE BEEN REMOVED.

CONCRETE IN INTERMEDIATE DIAPHRAGMS MAY BE CLASS A IN LIEU OF CLASS AA. PAYMENT SHALL BE MADE UNDER THE UNIT CONTRACT PRICE FOR REINFORCED CONCRETE DECK SLAB.

*16 G1 BARS MAY BE SHIFTED SLIGHTLY AS NECESSARY TO CLEAR REINFORCING STEEL AND STIRRUPS.

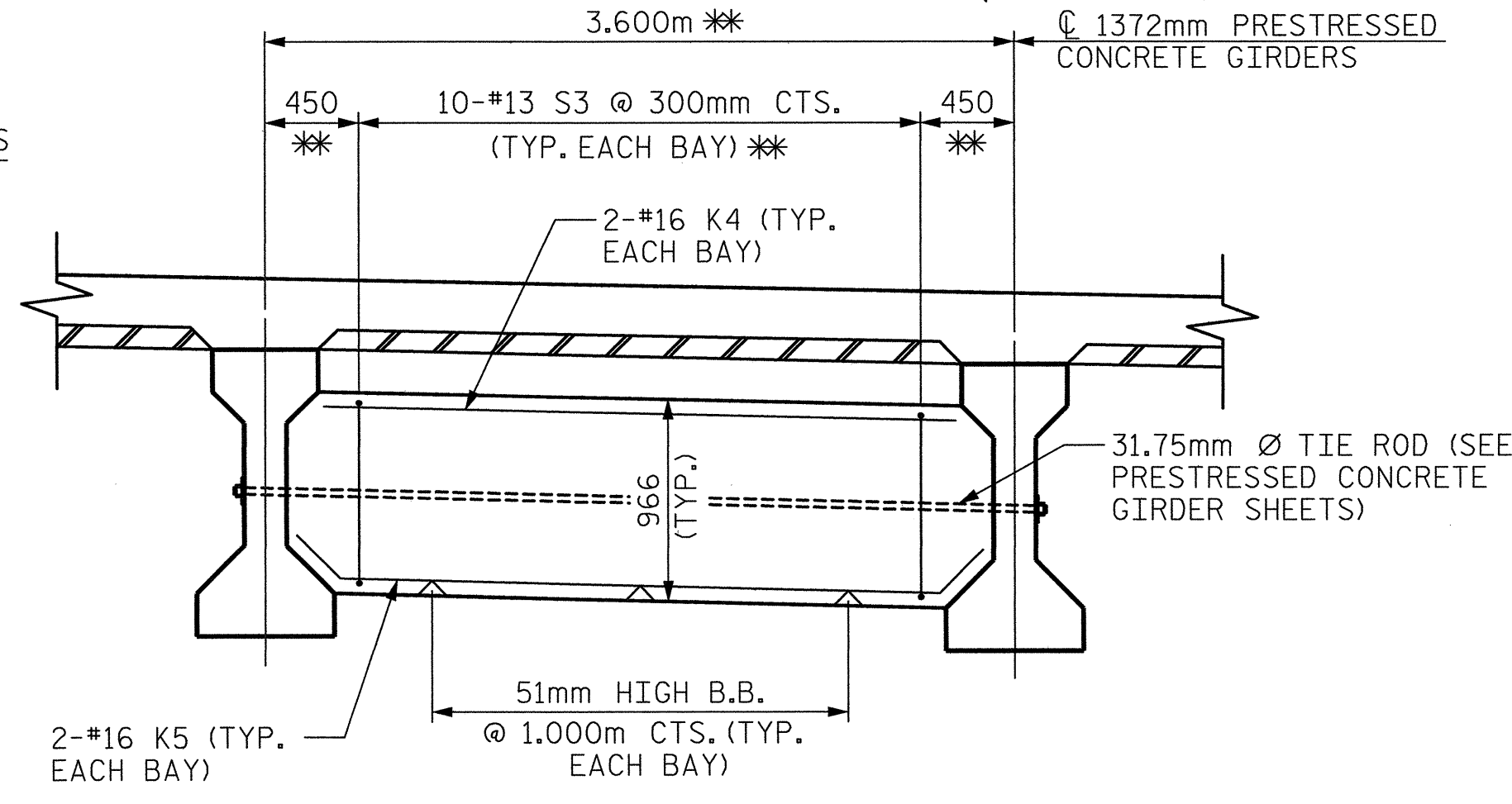
PROVIDE 32mm HIGH BEAM BOLSTERS UPPER (BBU) AT 1.2m CTS. ATOP THE METAL STAY-IN-PLACE FORMS TO SUPPORT THE BOTTOM MAT OF 'A' BARS. WHEN USING REMOVABLE FORMS, PROVIDE CONTINUOUS HIGH CHAIRS FOR METAL DECK (C.H.C.M.) @ 1.2m CTS. WITH A HEIGHT TO SUPPORT THE BOTTOM MAT OF 'A' BARS A CLEAR DISTANCE OF 65mm ABOVE THE TOP OF THE REMOVABLE FORM.

FOR FABRICATED METAL STAY-IN-PLACE FORMS, SEE SPECIAL PROVISIONS.



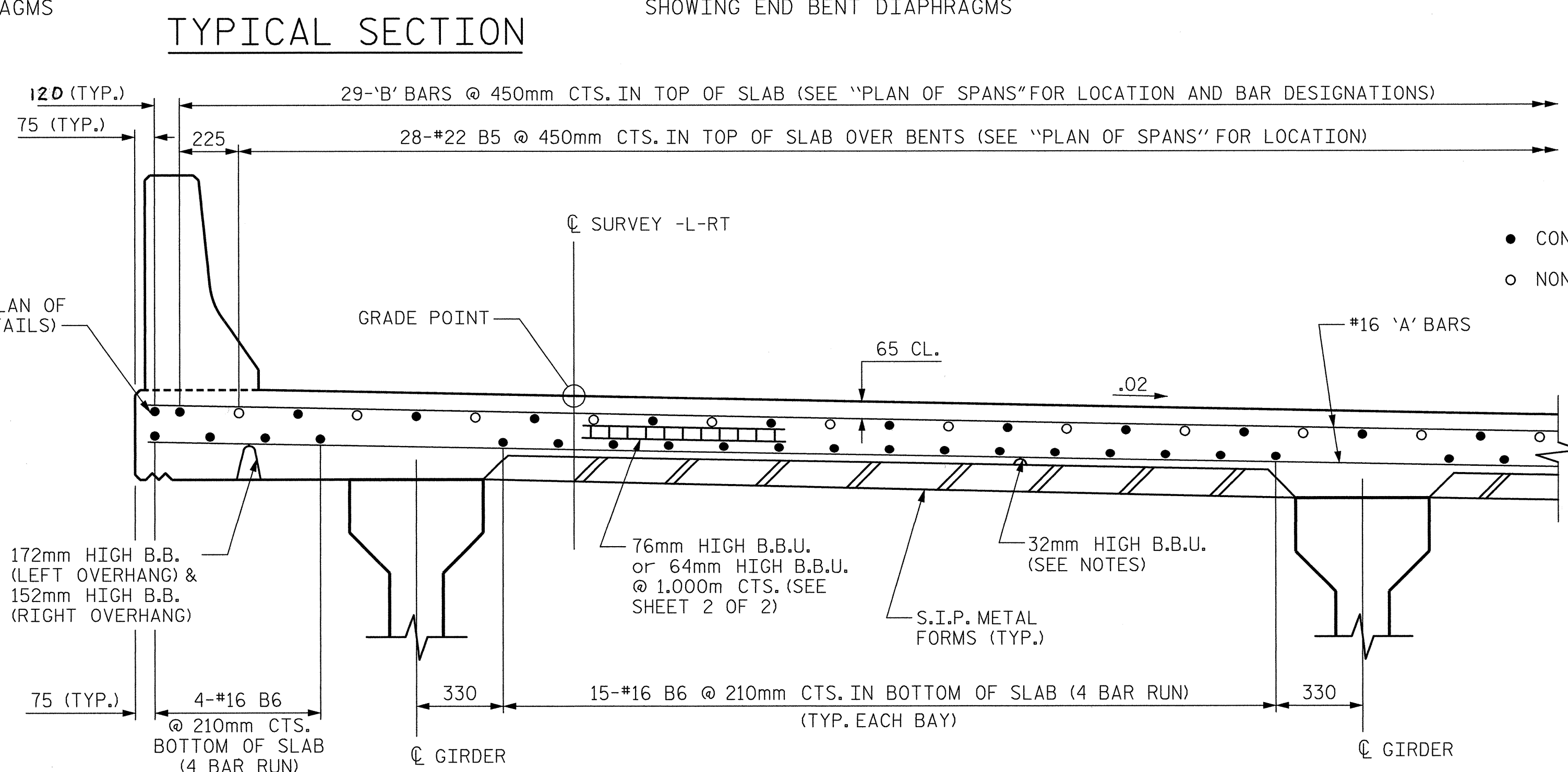
TYPICAL HALF SECTION
SHOWING BENT DIAPHRAGMS

TYPICAL HALF SECTION
SHOWING END BENT DIAPHRAGMS

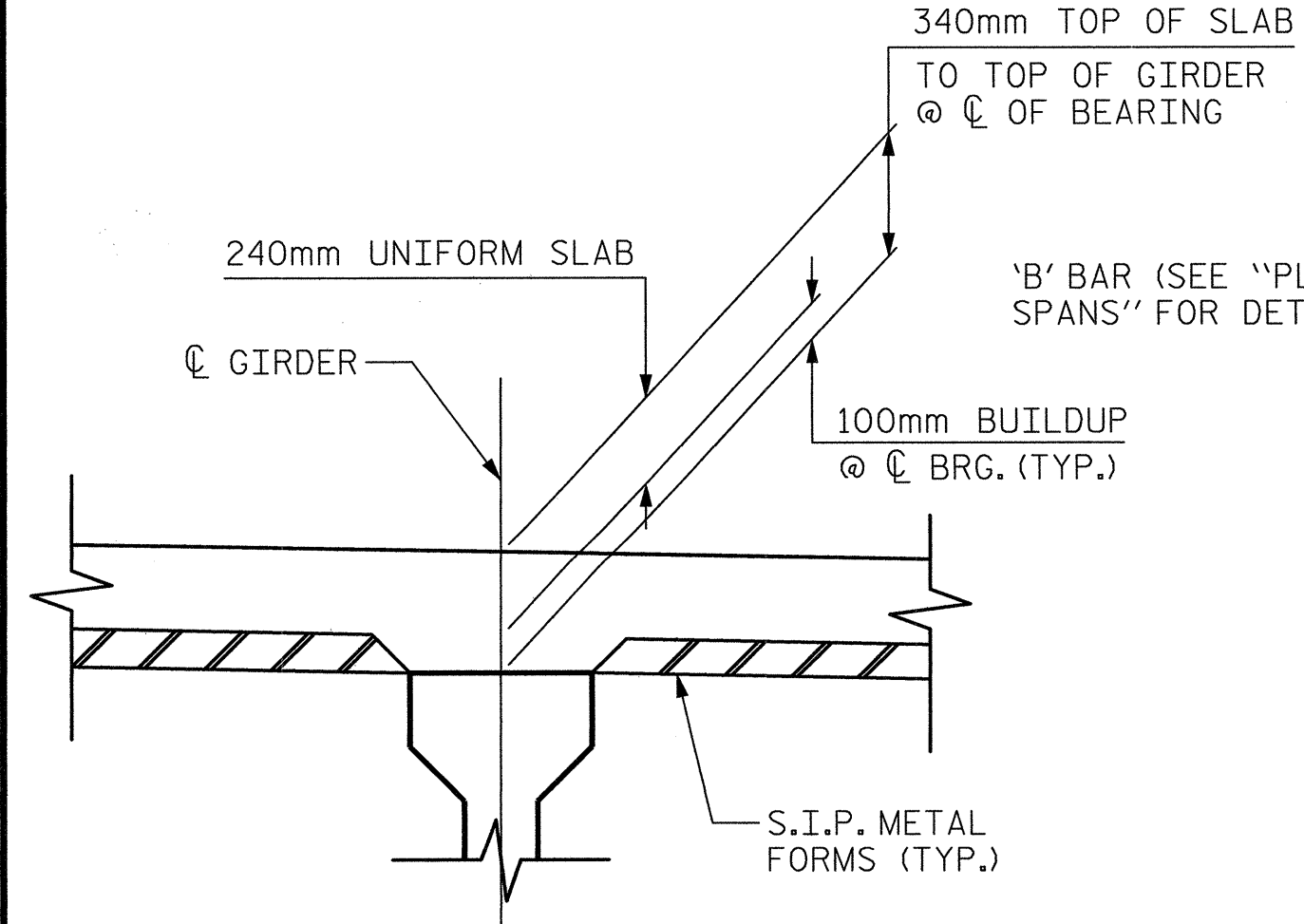


TYPICAL SECTION
SHOWING INTERMEDIATE DIAPHRAGMS
(TYP. ALL BAYS)

- * DENOTES RADIAL DIMENSION
- ** SPACING PERPENDICULAR TO GIRDERS
- *** #13 K6 (@ EXT. GIRDERS)
- *** #13 K7 (@ INT. GIRDERS)



DETAIL "B"



DETAIL "A"
(TYP. EACH GIRDER @ EACH BENT)

DRAWN BY : MSB
CHECKED BY : JDF
DATE : 05/01/02
DATE : 05/01/02

- CONTINUOUS BARS
- NON-CONTINUOUS BARS

PROJECT NO. **R-2552B**
JOHNSTON COUNTY
STATION: **97+46.378-L-RT POC**



SHEET 1 OF 2

CTE ENGINEERS
CONSOER TOWNSEND ENVIRONMENTAL ENGINEERS, INC.
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CHARLOTTE, NORTH CAROLINA 28273-5820
(704) 583-0902

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH		REVISIONS		SHEET NO.
SUPERSTRUCTURE		NO.	DATE:	BY:
TYPICAL SECTIONS		1	3	5-120
		2	4	431