

**PARTIAL TYPICAL SECTION**  
 SHOWING END BENT DIAPHRAGMS (SPANS A & C)

**PARTIAL TYPICAL SECTION**  
 SHOWING INTERMEDIATE DIAPHRAGMS (SPAN B ONLY)

**NOTES**

PROVIDE 32mm HIGH BEAM BOLSTERS UPPER 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.

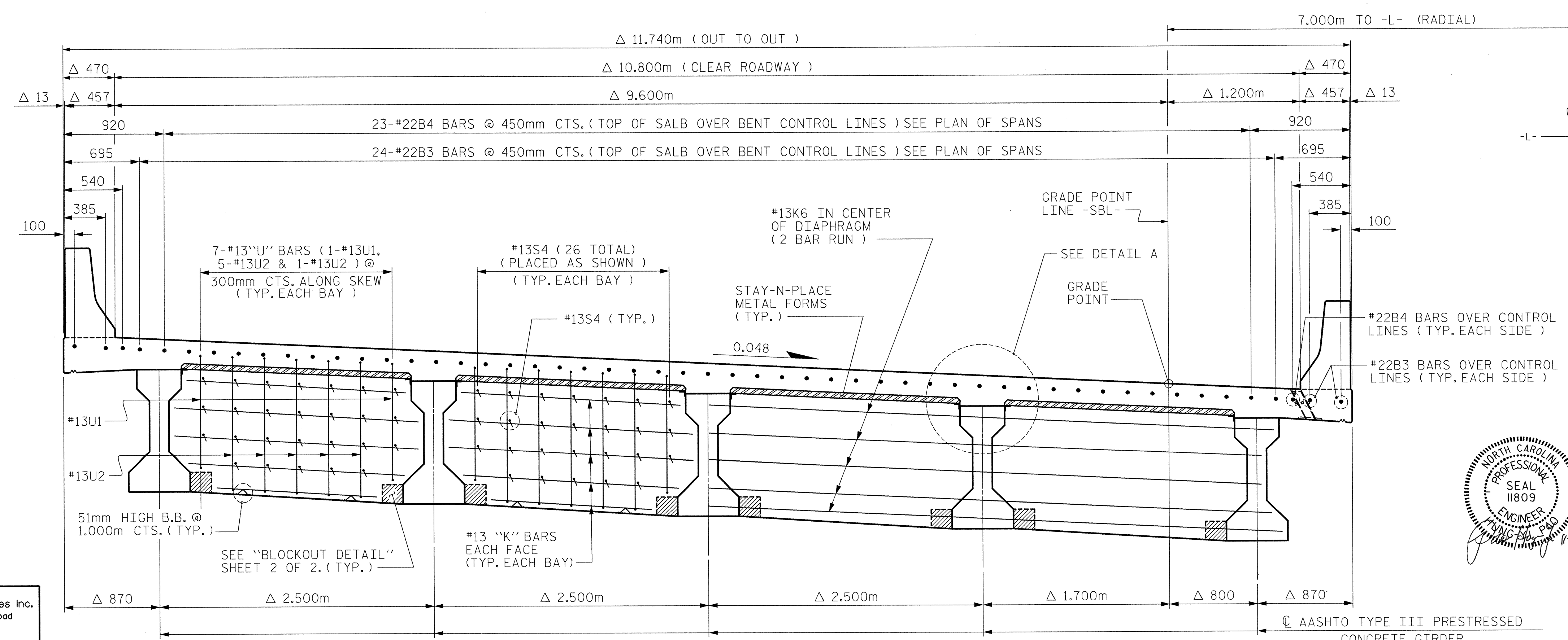
LONGITUDINAL STEEL MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO AVOID INTERFERENCE WITH STIRRUPS IN PRESTRESSED CONCRETE GIRDERS.

BARRIER RAIL IN EACH SPAN SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT SPAN HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 20.7 MPa.

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 3 DAYS AFTER CONCRETE IS PLACED. THE TIE RODS SHALL BE RE-TIGHTENED AFTER THE STRUTS HAVE BEEN REMOVED.

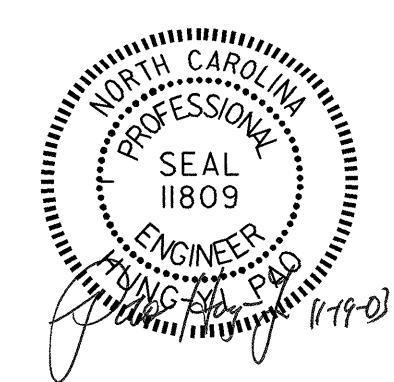
CONCRETE IN INTERMEDIATE DIAPHRAGMS MAY BE CLASS A IN LIEU OF CLASS AA. PAYMENT SHALL BE MADE UNDER THE UNIT CONTRACT PRICE FOR REINFORCED CONCRETE DECK SLAB.

Δ DIMENSIONS ARE RADIAL THRU WORK POINTS.



**TYPICAL SECTION @ CONTINUOUS BENT DIAPHRAGM**  
 (FOR DIMENSIONS AND DETAILS NOT SHOWN SEE "PARTIAL TYPICAL SECTION")

PROJECT NO. R-2610A  
 CHATHAM COUNTY  
 STATION: 18+04.666 -L-  
 SHEET 1 OF 2



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUPERSTRUCTURE  
 TYPICAL SECTIONS  
 (LEFT LANE BRIDGE)

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DRAWN BY: M. J. OSTRISHKO DATE: 7-29-03  
 CHECKED BY: H. PAO DATE: 10-13-03

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	5-5	
1			3			TOTAL SHEETS	
2			4			82	