

SUBSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

BAR SIZE	SUBSTRUCTURE AND APPROX. CLASS EXCEPT PARAPET, CURTAIN WALL AND BARRIER RAIL	PARAPET, CURTAIN WALL AND BARRIER RAIL
#4	1'-2"	1'-7"
#5	1'-5"	2'-0"
#6	1'-10"	2'-7"

HALF TYPICAL SECTION
Showing Diaphragms & Bents

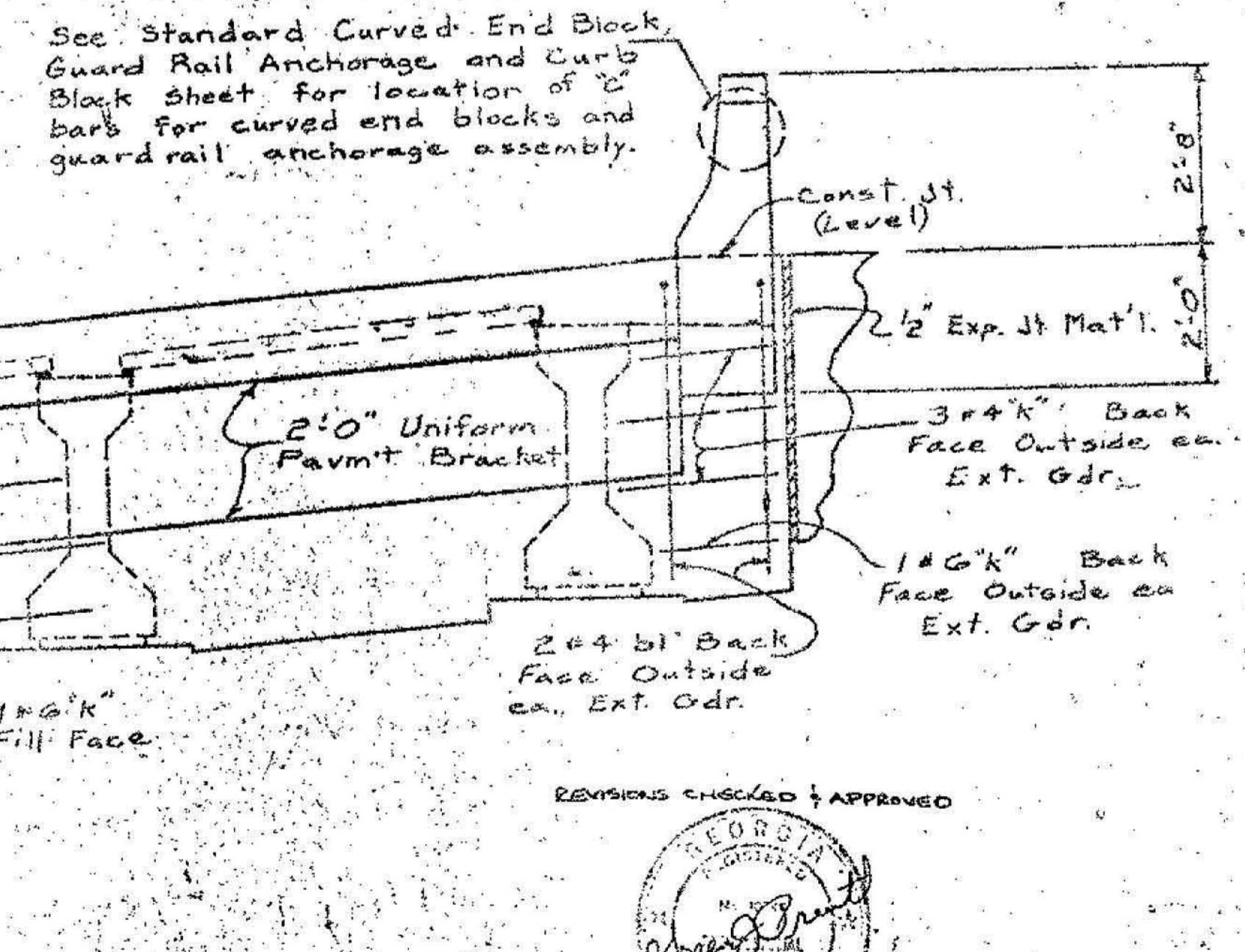
HALF TYPICAL SECTION
Showing Intermediate Diaphragms

NOTES
For bars indicated and no mark shown, see Plan of Spans.
Concrete in Intermediate Diaphragms May Be Class A. In Lieu Of Class AA. Payment Shall Be Made Under The Unit Contract Price Bid For Reinforced Concrete Deck Slab.

Notes:
The Dimensions And Details Shown For Steel Pipe Sleeves And Inserts Are For The Contractors Benefit In Placing Them And Are Not To Be Constructed To Be An Approval For The Attachment Of The Utility To The Superstructure. For Responsibilities For Furnishing And Placing Steel Pipe Sleeves And Inserts, See Utility Special Provisions.
#4 b1 @ 1'-6"
Face of Curtain Wall (Along Skew)

#4 b1 bars in Bot. of slab may be shifted slightly to clear drains.

Radial Dimensions of Bents used for girder layout



END ELEVATION

Notes:
Steel Pipe sleeves are to be placed parallel to girders and are to be flush with both faces of the end curtain walls. If necessary field bend reinforcing steel to provide for conduit sleeves.

Temporary struts shall be placed between prestressed girders adjacent to the diaphragms and the walls on the (1) top ends shall be fully tightened before diaphragm concrete is placed. Struts shall remain in place 30 days after concrete is placed. Thereafter they shall be retightened after the steel bars have been removed.



REVISIONS BY GARY CONC. CO.
PRESTRESSED CONC. PANELS ADDED-8 19-83 RM

FOR INFORMATION ONLY

DRAWING
C12
OF 24

PROJECT No. 8.2522503
DURHAM COUNTY
STATION 19+52.5 - 1

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
TYPICAL SECTION

RES 10-11-83