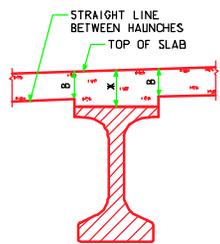


HALF SECTION NEAR ABUTMENT

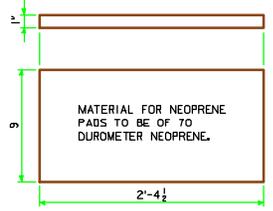
HALF SECTION NEAR PIER

SLAB AREA = 29.19 SQ. FT.
SLAB AREA WHICH DOES NOT
INCLUDE ANY HAUNCH OVER
THE TOP FLANGE.

NOTE: FOR DETAILS OF INTERMEDIATE DIAPHRAGMS SEE "STEEL INTERMEDIATE DIAPHRAGM DETAILS" SHEETS.

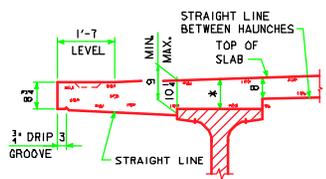


INTERIOR BEAMS



NEOPRENE PAD DETAIL

NOTE: COST OF NEOPRENE PADS SHALL BE INCLUDED IN THE PRICE BID FOR "BULB TEE PRETENSIONED PRESTRESSED CONCRETE BEAMS".



EXTERIOR BEAMS

TYPICAL SLAB AND HAUNCH DETAIL

* FOR SLAB THICKNESS OVER BEAMS SEE SLAB THICKNESS DETAILS ON "GENERAL ELEVATION DATA" SHEET.

SUPERSTRUCTURE NOTES:

THE FLOOR SLAB AS SHOWN INCLUDES 1" INTEGRAL WEARING SURFACE.

THE PIER AND ABUTMENT DIAPHRAGM CONCRETE IS TO BE PLACED MONOLITHICALLY WITH THE FLOOR SLAB.

COST OF ALL PREFORMED EXPANSION JOINT FILLER MATERIAL IS TO BE INCLUDED IN THE PRICE BID FOR "STRUCTURAL CONCRETE (BRIDGE)".

ALL BEAMS ARE TO BE SET VERTICAL.

FORMS FOR THE SLAB AND BARRIER RAIL ARE TO BE SUPPORTED BY THE PRESTRESSED CONCRETE BEAMS.

CLEAR DISTANCE FROM FACE OF CONCRETE TO NEAR REINFORCING BAR SHALL BE 2 INCHES UNLESS OTHERWISE NOTED OR SHOWN. THE END CLEARANCE TO THE 6G1 BARS SHALL BE 3" AT THE ENDS OF THE BRIDGE, WHERE THE SLAB EXTENDS 1' BEYOND THE TYPICAL EDGE OF SLAB.

TOP TRANSVERSE REINFORCING STEEL IS TO BE PARALLEL TO AND 2' CLEAR BELOW TOP OF SLAB. BOTTOM TRANSVERSE REINFORCING STEEL IS TO BE PARALLEL TO AND 1' CLEAR ABOVE BOTTOM OF SLAB. TOP AND BOTTOM REINFORCING STEEL IS TO BE SUPPORTED BY INDIVIDUAL EPOXY COATED METAL BAR CHAIRS SPACED AT NOT MORE THAN 3'-0 CENTERS LONGITUDINALLY AND TRANSVERSELY, OR BY CONTINUOUS ROWS OF EPOXY COATED METAL BAR HIGH CHAIRS OR SLAB BOLSTERS SPACED 4'-0 APART.

COST OF BEARING MATERIAL IS TO BE INCLUDED IN THE PRICE BID FOR "BULB TEE PRETENSIONED PRESTRESSED CONCRETE BEAMS".

TABLE OF 'b3' BAR SIZE					
CL-CL ABUT. BRG.	222'-0	232'-0	242'-0	252'-0	262'-0
BEAM SERIES	BTD110	BTD115	BTD120	BTD125	BTD130
BAR SIZE	7	7	8	8	8

LATEST REVISION DATE APPROVED BY BRIDGE ENGINEER 	 STANDARD DESIGN - 40' ROADWAY, 2 SPAN BRIDGES PRETENSIONED PRESTRESSED BULB TEE CONCRETE BEAM BRIDGES ALL SPANS JULY, 2004
	TRANSVERSE SECTION BT40-TS1-04