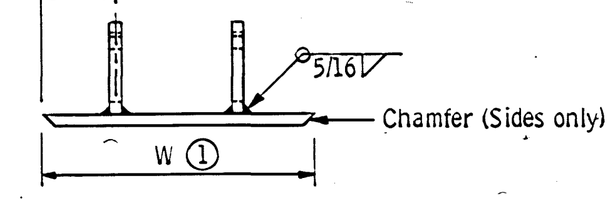
These dimensions may be modified to clear post tensioning tubes or prestressing strands. Changes must be approved by the Engineer.

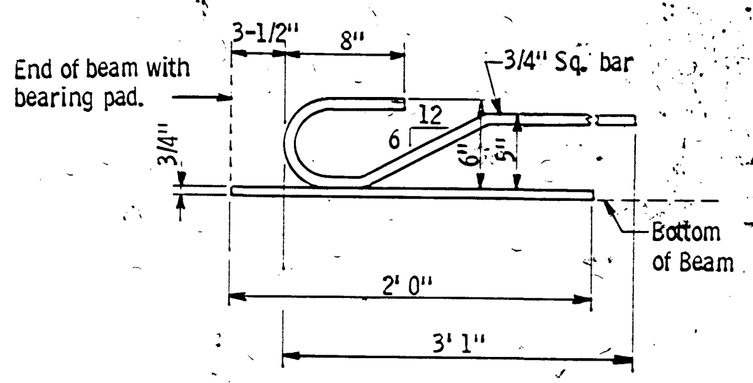
~~7" Bulb Tee Beams~~
~~7" 63", 72" & 81" Beams~~
~~6" 54" Beams~~
5" 36", 40" & 45" Beams
~~6" 28" Beams~~



FRONT VIEW

(1) Dimension "W" to be the width at the bottom flange of the beam - 1/4".

SOLE PLATE FOR B305 BEARING



SIDE VIEW

NOTES

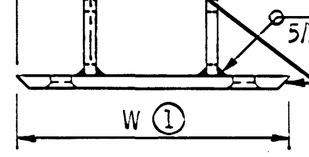
Material to be Structural Steel per Spec. 3306

Sole plate for Bearing Assembly to be hot dipped galvanized as per Spec. 3394 after fab - rication.

Payment for sole plates to be included in price bid for Prestressed Concrete Beams.

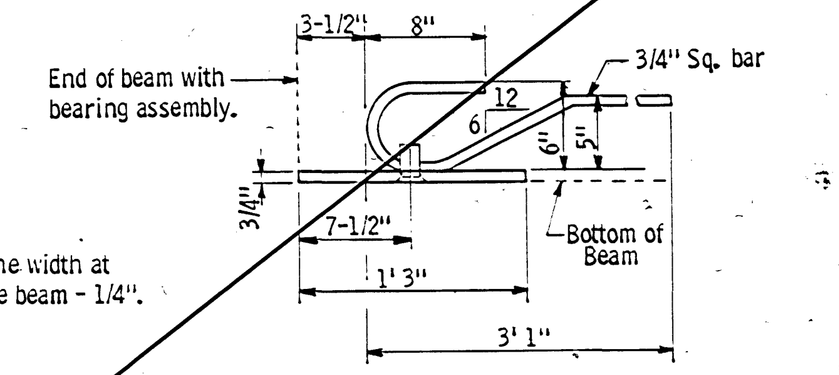
These dimensions may be modified to clear post tensioning tubes or prestressing strands. Changes must be approved by the Engineer.

7" Bulb Tee Beams
7" 63", 72" & 81" Beams
6" 54" Beams
5" 36", 40" & 45" Beams
6" 28" Beams



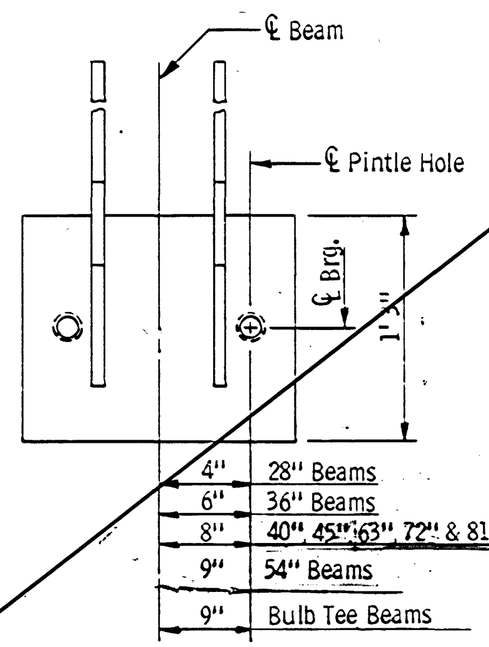
FRONT VIEW

(1) Dimension "W" to be the width at the bottom flange of the beam - 1/4".

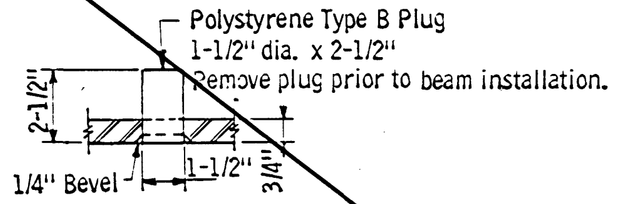


SIDE VIEW

Snowing placement in beam



PLAN VIEW



PINTLE HOLE DETAIL
(2 Required)

SOLE PLATE FOR B302, & B304 BEARING ASSEMBLY

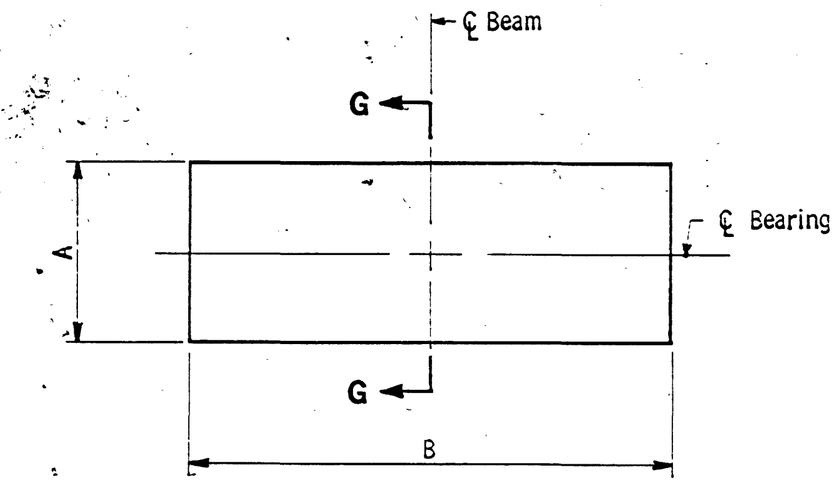
NOTES

Material to be Structural Steel per Spec. 3306

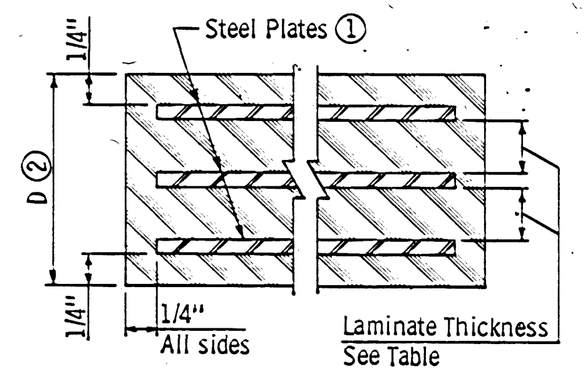
Sole plate for Bearing Assembly to be hot dipped galvanized as per Spec. 3394 after fab - rication. Pintle holes shall be free of zinc build up from galvanizing.

Payment for sole plates to be included in price bid for Prestressed Concrete Beams

APPROVED: April 26, 1978 Developed by: ENGINEERING STANDARDS, AND BRIDGES AND STRUCTURES Issued by: ENGINEERING STANDARDS	STATE OF MINNESOTA DEPARTMENT OF TRANSPORTATION **SOLE PLATES** **PRESTRESSED CONCRETE BEAMS**	REVISION Sept. 7, 1978	DETAIL NO. **B303**



PLAN

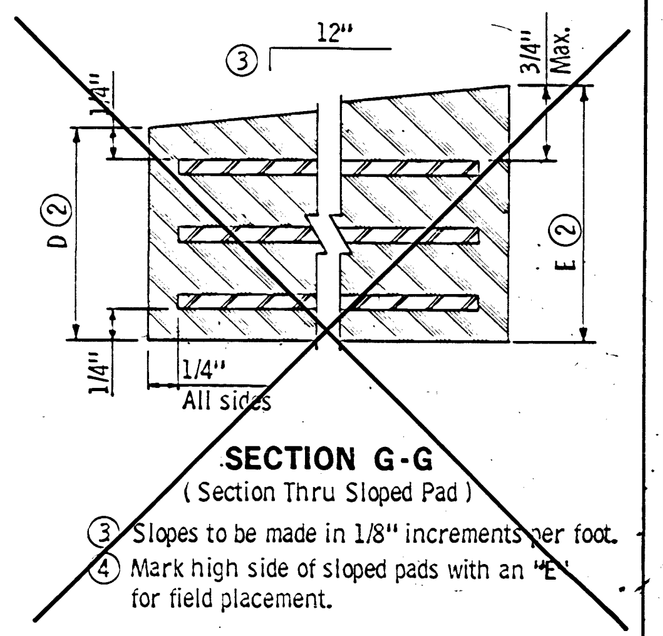


SECTION G-G
(Section Thru Level Pad)

(1) Do not galvanize these plates.
(2) The total thickness shown includes the steel plates.

ELASTOMERIC BEARING PAD TABLE

Beam Size	A	B	Pad Thickness D	Pad Thickness E	Steel Plates No.	Steel Plates Thickness	Laminates No.	Laminates Thickness	Shape Factor	Pad Type
28"										
↓										
36"										
↓										
40"	10"	20"	1 1/4"	—	2	1/8"	1	1/2"	6.7	1
↓										
45"										
↓										
54"										
↓										
63"										
↓										
72"										
↓										
81"										
↓										
30" Bulb										
↓										



SECTION G-G
(Section Thru Sloped Pad)

(3) Slopes to be made in 1/8" increments per foot.
(4) Mark high side of sloped pads with an "E" for field placement.

NOTES:

For elastomeric materials and pad construction, see Spec. 3741.

All steel plates shall comply with Spec. 3306.

S.A.P. NO. 02-678-03

APPROVED: May 8, 1979 Developed by: BRIDGE STANDARDS & BRIDGE AND STRUCTURES SECTION Issued by: ENGINEERING STANDARDS SECTION	STATE OF MINNESOTA DEPARTMENT OF TRANSPORTATION **ELASTOMERIC BEARING PAD** **PRESTRESSED CONCRETE BEAMS** **(EXPANSION)**	REVISION	DETAIL NO. **B305**

TITLE: DETAILS	DES: J.D.S.	DR: D.A.O.	APPROVED: 12-22-81	Bridge No. 02539
	CHK: D.H.B.	CHK: J.D.S.		
	Sheet No. 10 of 16 Sheets			

7M