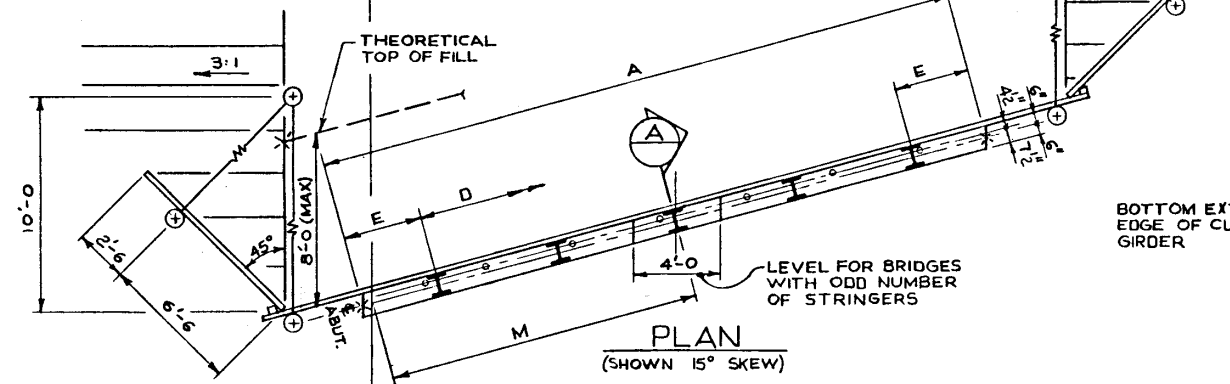
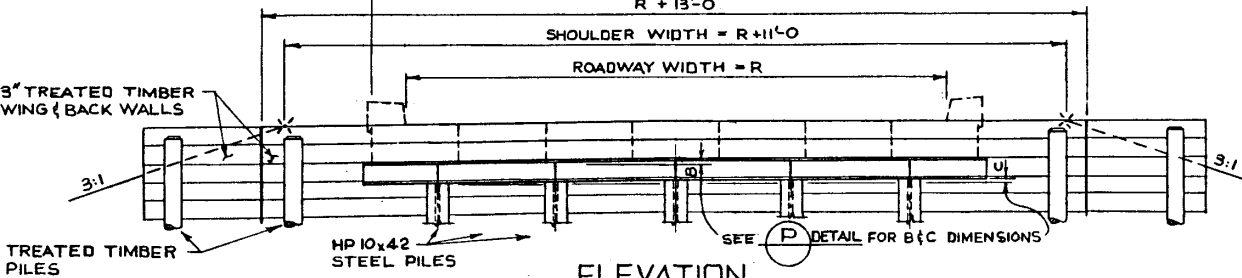


PLAN (SHOWN 0° SKEW)

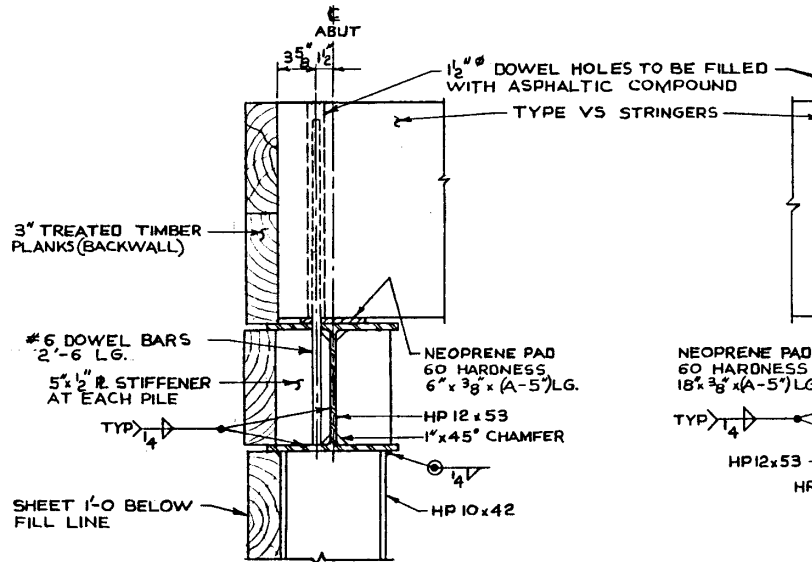


PLAN (SHOWN 15° SKEW)

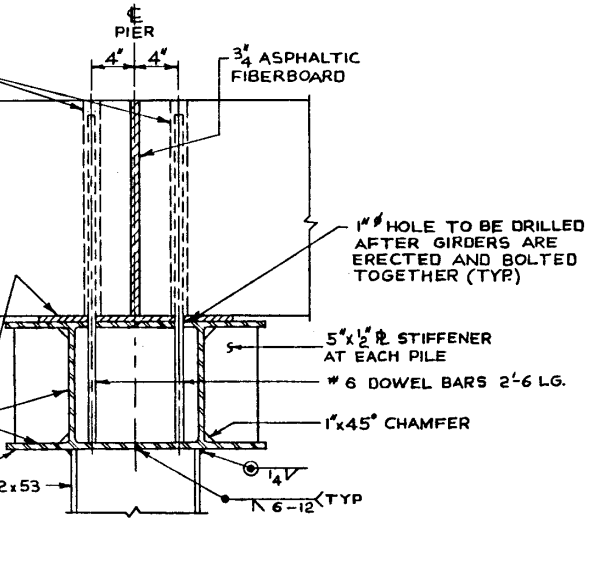


ELEVATION 1/4" = 1'-0"

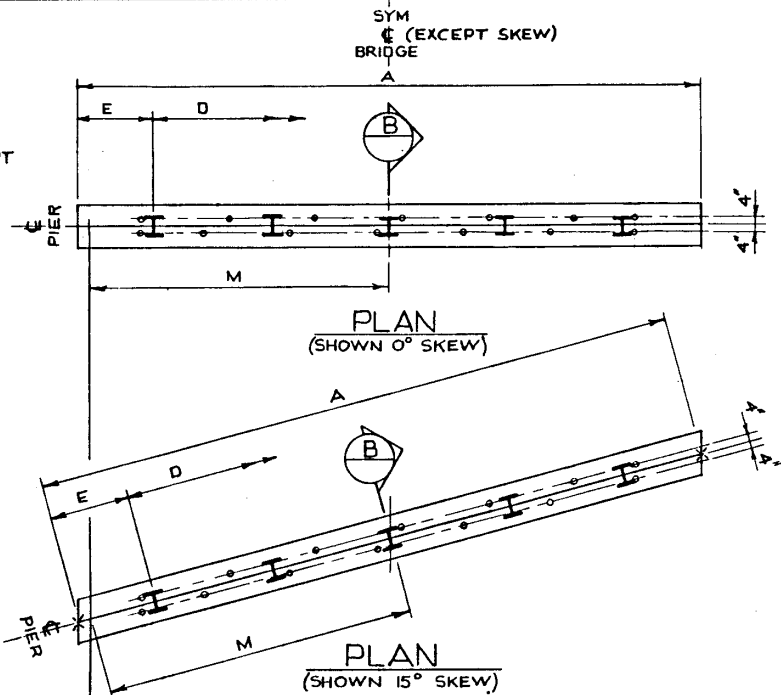
ABUTMENTS



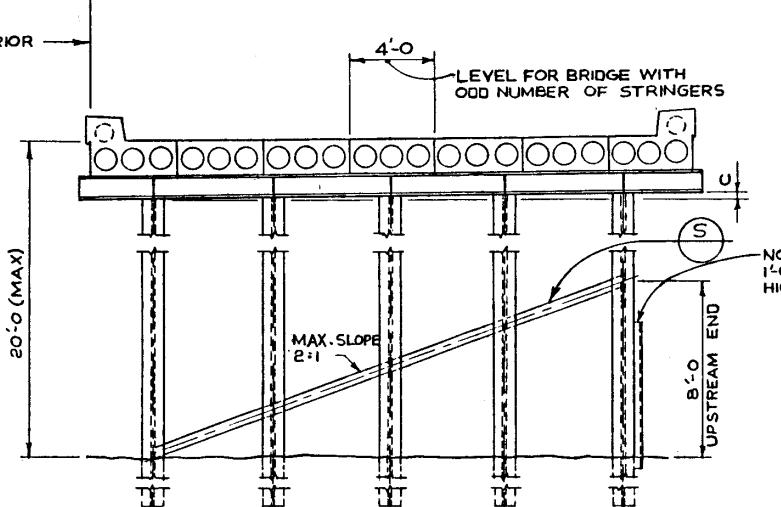
SECTION A 1/2" = 1'-0"



SECTION B 1/2" = 1'-0"

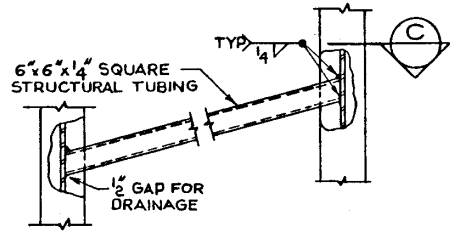


PLAN (SHOWN 0° SKEW)

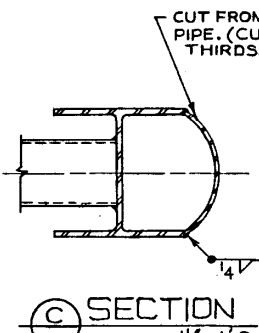


ELEVATION 1/4" = 1'-0"

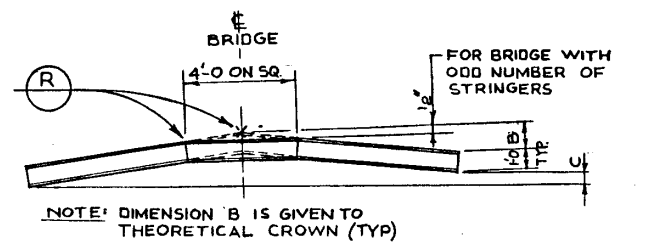
PIERS



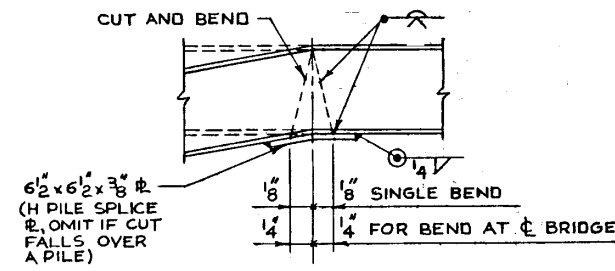
DETAIL S 1/2" = 1'-0"



SECTION C 1/2" = 1'-0"



DETAIL P N.T.S.



DETAIL R N.T.S.

GENERAL NOTES

- FOR STEEL H PILE SPLICE DETAILS SEE DWG. S-499.
- ALL WELDING SHALL CONFORM TO CURRENT A.W.S. SPECIFICATION INCLUDING INTERIMS.
- WHEN THE AIR TEMPERATURE IS BELOW 0°C. ALL MATERIAL TO BE WELDED SHALL BE PREHEATED TO 95°C. AND SHELTERED FROM WIND BY SUITABLE HOARDING APPROVED BY THE ENGINEER.
- FOR SUPERSTRUCTURE DETAILS NOT SHOWN SEE DWG. S-1119.
- STEEL H PILES SHALL BE GIVEN THREE COATS OF PAINT. PAINTING SHALL OTHERWISE CONFORM TO THE BRIDGE BRANCH CONSTRUCTION SPECIFICATION FOR PAINTING METAL STRUCTURES.
- PILES SHALL BE DRIVEN TO THE FOLLOWING BEARING VALUES UNLESS THE REQUIRED PENETRATION IS DETERMINED ON THE BASIS OF A SOIL ANALYSIS:
 - PIER PILES: 50 TONS
 - ABUTMENT PILES: 40 TONS
- IN USING THIS PLAN THE FOLLOWING LIMITS SHALL NOT BE EXCEEDED:
 - HEIGHT OF DECK ABOVE STREAMBED — 80 FT.
 - TOP OF FILL TO BACKWALL — 8 FT.
 - SKEW — 45°
 - ICE — USUAL ICE LOAD IN SMALL STREAM (1 FT. THICK ICE @ 100 PSI)

PRELIMINARY ONLY

WORK THIS DRAWING IN CONJUNCTION WITH DWG. S-1172

DESIGNED D.K.D.				DRAWN BY W.S.		DATE NOV. 76		CHECKED BY		DATE		STREAM		LOCATION		HWY. NO.		SCALE SHOWN		FILE NO.		SHEET 1 OF 2		DWG. NO. S-1171	
APPROVED												Alberta TRANSPORTATION BRIDGE BRANCH STEEL SUBSTRUCTURE FOR 25, 30, & 35 FT. VS. BRIDGES HS 25 TRUCK - SHEET #1													
REVISIONS												CHIEF BRIDGE ENGINEER													