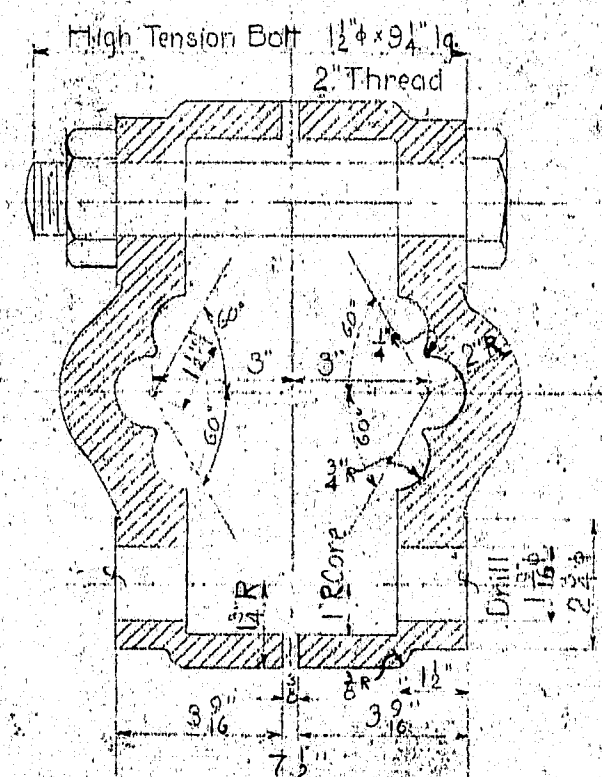
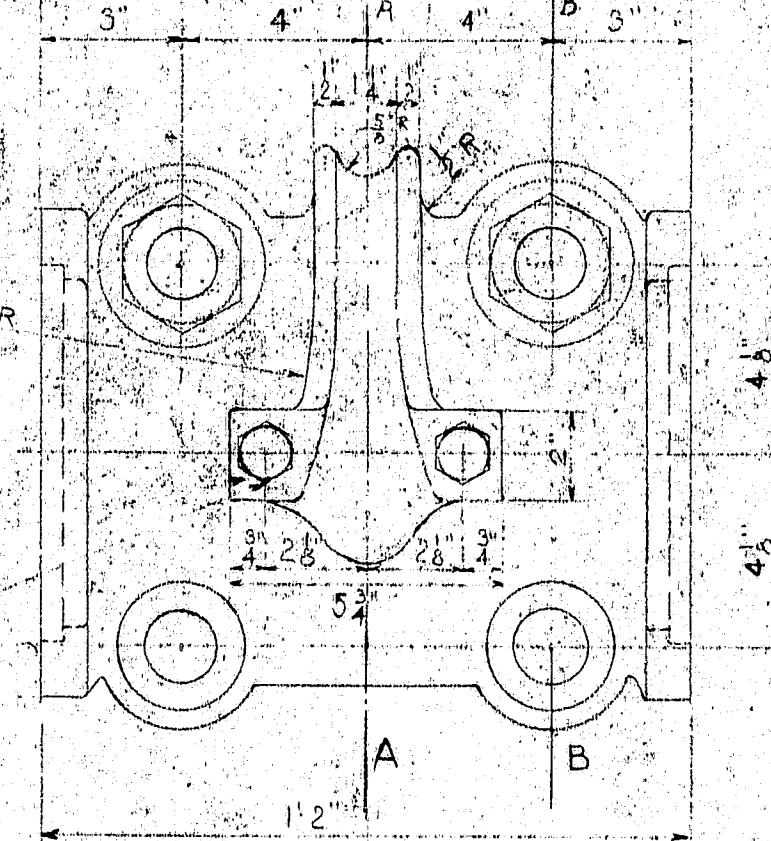
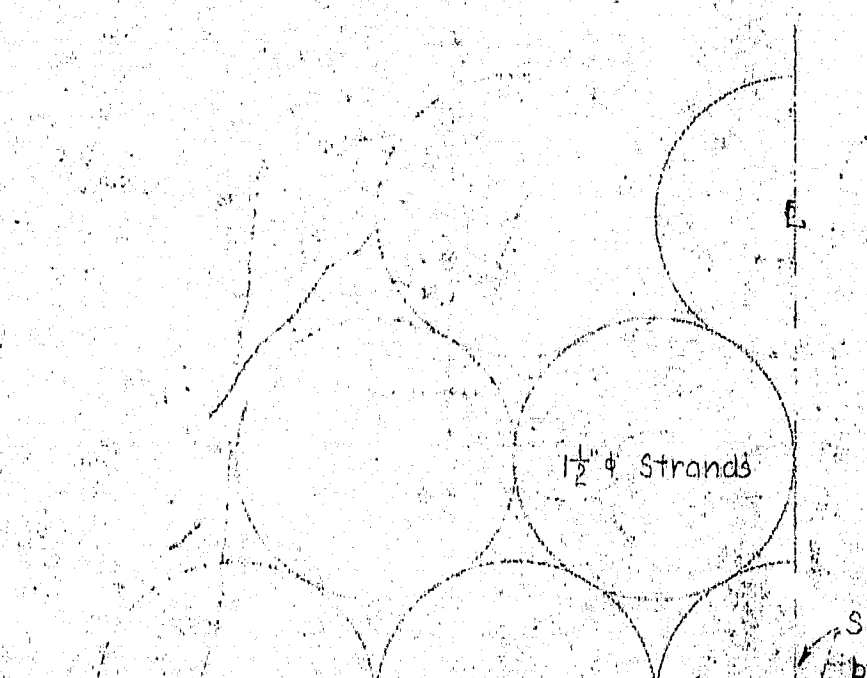


SECTION. A-A

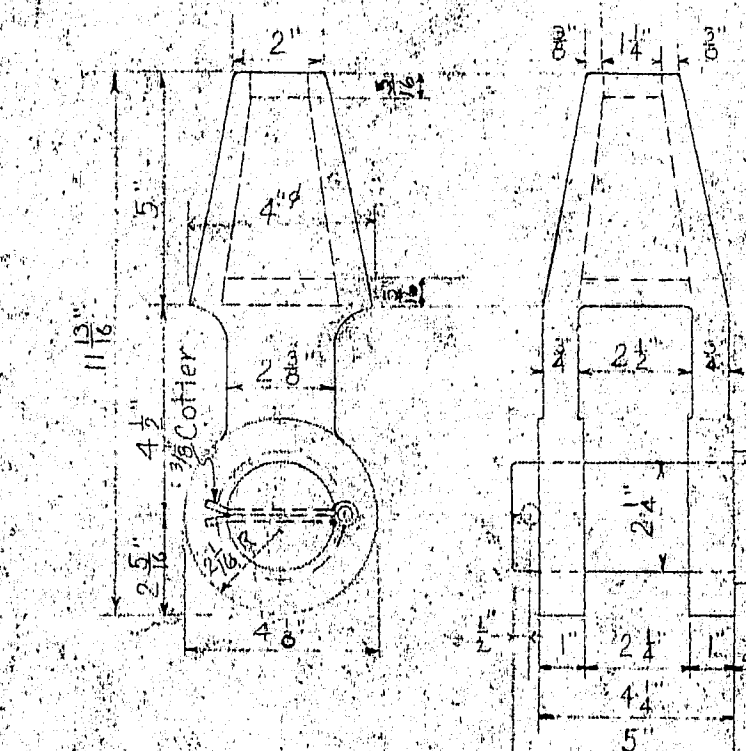


SECTION B-B



QUARTER SECTION OF CABLE

Scale - Full Size



SUSPENDER SOCKET

Scale 3"=41.0'

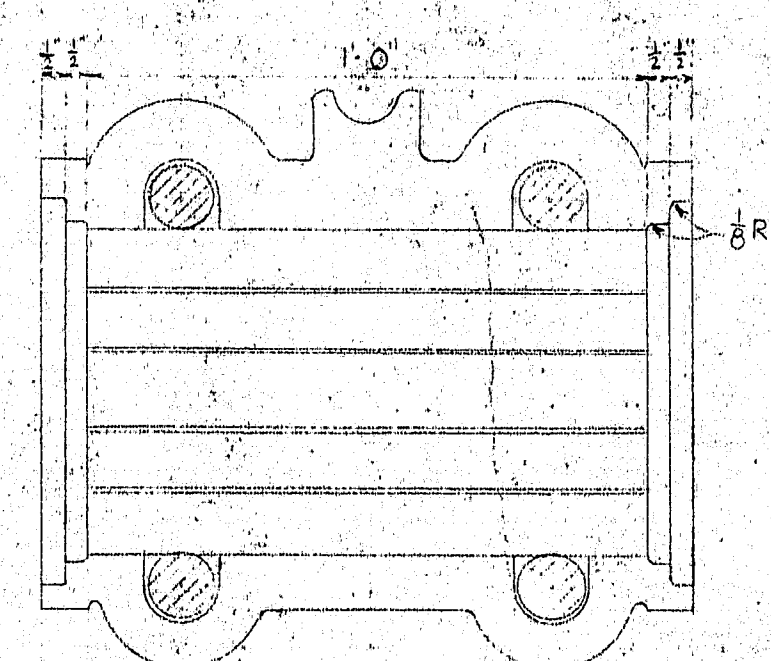
276 Required
Drop Forged Steel
Use zinc only for attaching

Required:

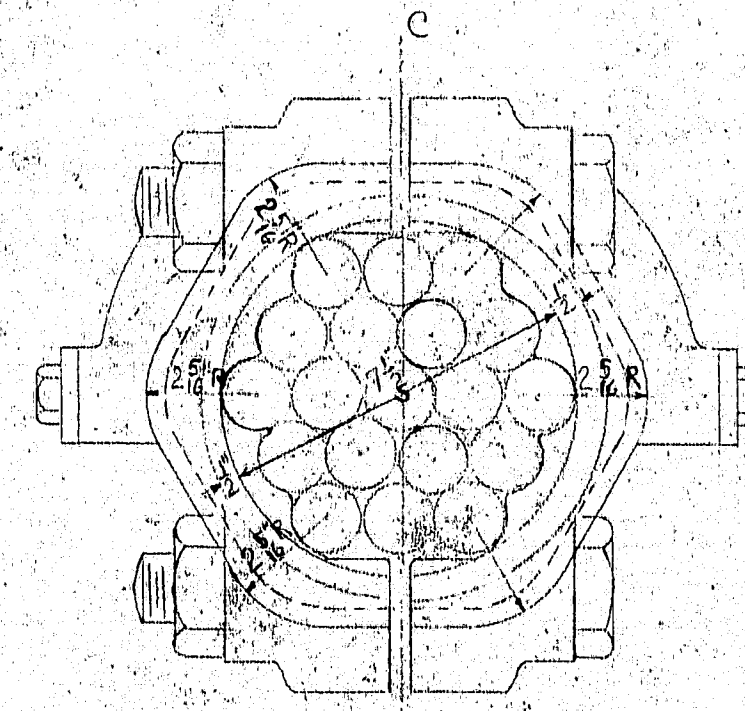
- 138 Cable Bands complete, each consisting of
- 2- Identical Castings (Cast Steel Annealed)
- 4- 1/2" Bolts High Tensile Steel
- 4- 1/2" Hex. Nuts High Tensile Steel
- 2- Keeper Pins
- 4- 3/4" Tap Bolts 1 1/2" long

Nöte

Suspender groove and inside surface of cable bands to be ground smooth and free from all burrs and irregularities. All openings and joints to be caulked with lead wool.



SECTION C-C



END VIEW

CABLE BAND

Scale "3" = 1'-0"

Estimated WEIGHT OF ONE CABLE BAND = 208# TOTAL FOR BRIDGE = 28,704#
WEIGHT OF HIGH TENSION BOLTS = 29# TOTAL FOR BRIDGE = 400.2#

Notes

The elevation of cable and roadway given above are for a condition of full dead load and a normal temperature of 50°F. with Main Towers leaning 1" towards anchorages and Cable Bents leaning 1" towards anchorages.

Cables

Two Cables are required, each composed of 19 strands of 1 1/2" diameter.

Suspenders

13.8 suspender ropes of 1½" diameter are required, one rope looped over each cable band.

The cable strands and suspenders will not have to be painted.

The cable bands and suspender rope sockets shall be painted with three coats of paint as for structural steel.

Estimated WEIGHT OF ONE FORGING INCLUDING PIN = 22[#] TOTAL FOR BRIDGE = 6072[#]
 SUSPENDER LENGTH FOR BRIDGE = 15000 L.F.
 WEIGHT OF MAIN CABLE STRAND = 416,000[#]

<p><u>Revisions</u></p> <p>1-7-38 - Lateral system redesigned as a tension and compression system.</p> <p>7-27-38 - Sharley Wind Tongue at C.Dent to agree with detail on Dec. 1944.</p> <p>3-26-39 - Revised as built.</p>	<p><u>SUPERSTRUCTURE</u></p> <p>E.W.A. PROJECT NO. ME 1010 D</p> <p>DEER ISLE, SEDGWICK BRIDGE DISTRICT</p> <p>BRIDGE OVER EGBEMOGGIN REACH FROM LITTLE DEER ISLE TO SEDGWICK HANCOCK COUNTY MAINE</p> <p><u>CABLE DETAILS</u></p> <p><u>STIFFENING GIRDERS AND LATERAL SYSTEM</u></p> <p>ROBINSON AND STEINMAN</p> <p>ENGINEERS NEW YORK CITY</p> <p>SCALE AS NOTED DRAWING NUMBER RS 3310-216 SEPTEMBER 1944</p>
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