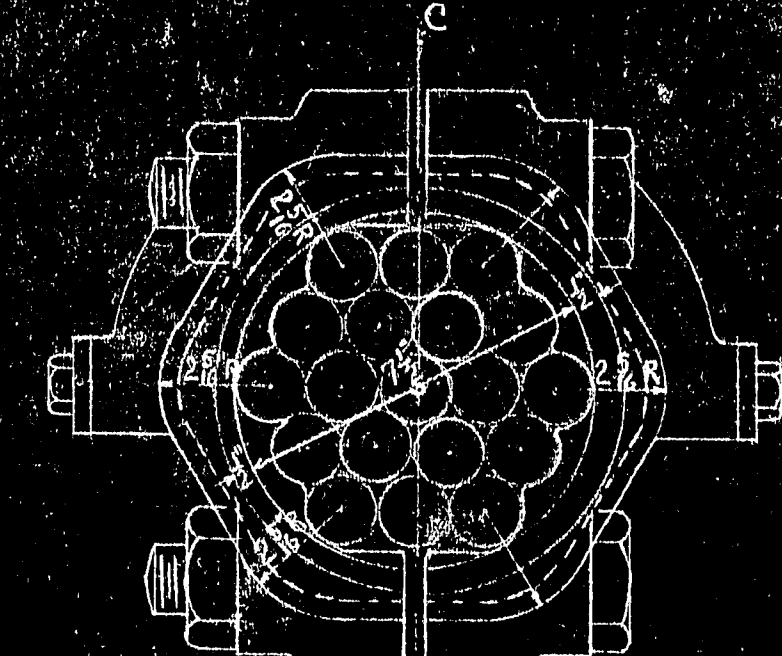
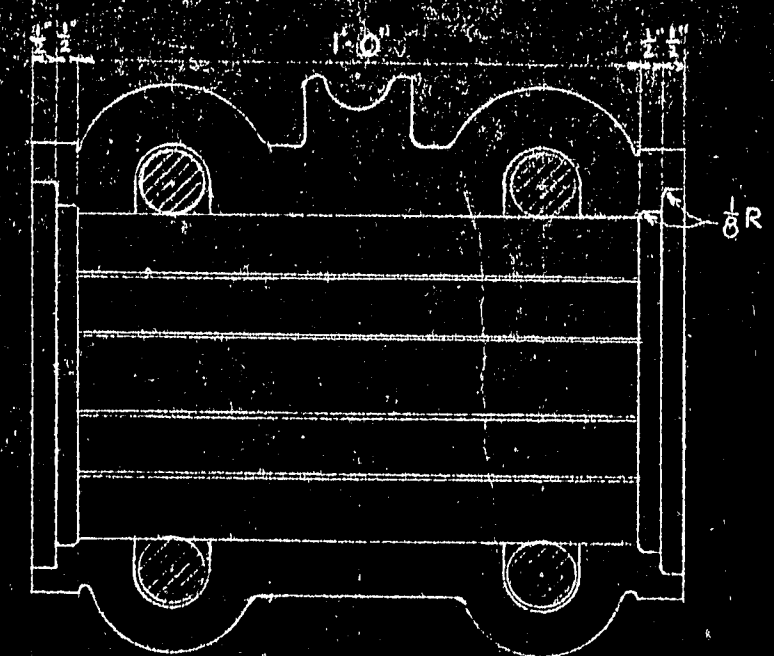


Required:

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

Note:

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.



CABLE BAND
Scale 3" = 1'-0"

WEIGHT OF ONE CABLE BAND = 208# TOTAL FOR BRIDGE = 28,704#
WEIGHT OF HIGH TENSION BOLTS = 29# TOTAL FOR BRIDGE = 4,002#

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 1/2" 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

138 suspender ropes of 1 1/2" 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.

WEIGHT OF ONE FORGING INCLUDING PIN = 22# TOTAL FOR BRIDGE = 6,072#
SUSPENDER LENGTH FOR BRIDGE = 15,000 L.F.
WEIGHT OF MAIN CABLE STRAND = 416,000#

Revisions		SUPERSTRUCTURE	
1- 7-38 - Lateral system redesigned as a tension and compression system.		P.W.A. PROJECT NO. ML 1010 D	
		DEER ISLE SEDGWICK BRIDGE DISTRICT	
		BRIDGE OVER EGGMOSSIN REACH	
		FROM LITTLE DEER ISLE TO SEDGWICK	
		HANCOCK COUNTY, MAINE	
		CABLE DETAILS	
		STIFFENING GIRDERS	
		AND LATERAL SYSTEM	
		ROBINSON AND STEINMAN	
		ENGINEERS	
		NEW YORK CITY	
		SCALE - AS NOTED	
		DRAWING NUMBER	
		RS 331Q - 5105	
		SEPTEMBER 4, 1937	

