

LOCATION KEY

Weld flush with rim of Shackle after stay is adjusted.

Shackle and Socket same as on Dwg. RS 3310-S 122

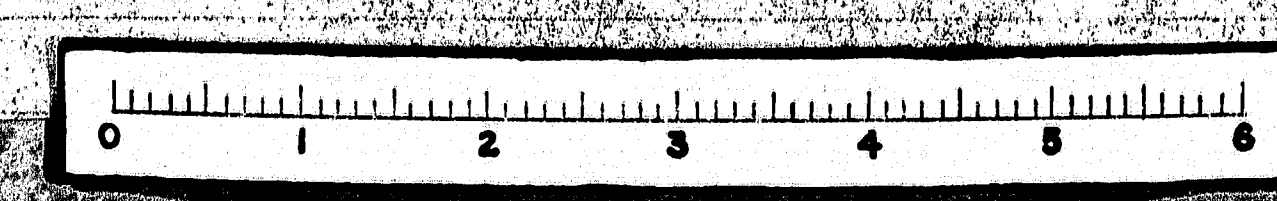
Normal conditions - 10° Stress in rope - Vertical & Sag = 0.680'

Normal condition - 10° Stress in rope - Vertical & Sag = 1.054'

**NOTES:**  
 RIVETS  $\frac{1}{2}$ "  
 THE NEW BOLTS TO BE PLACED IN CABLE BANDS SHALL BE OF NICKLE ALLOY WITH A MINIMUM ULTIMATE STRENGTH OF 100,000 LBS. PER SQ. IN. AND A MINIMUM YIELD POINT OF 50,000 LBS. PER SQ. IN. THESE BOLTS SHALL NOT BE HEAT TREATED. THEY SHALL BE TIGHTENED TO A TENSION OF NOT LESS THAN 50,000 LBS. PER BOLT.  
 THE  $\frac{1}{4}$ " DIAMETER ROPES SHALL HAVE A GROSS METALLIC AREA OF NOT LESS THAN 0.72 SQ. IN. AND A MINIMUM ULTIMATE STRENGTH OF 124,000 LBS. THEY SHALL BE MEASURED, CUT AND SOCKETED TO PROVIDE THE LENGTHS SHOWN ON THIS DRAWING WHEN STRESSED TO 10,000 LBS. PER ROPE. Ropes galvanized same as suspenders. Paint same as other struct. steel. No paint on rope portion of stay.

SECTION B-A

**REQUIRED:**  
 A - ROPE STAYS - D WITH CONNECTIONS  
 A - ROPE STAYS - E WITH CONNECTIONS  
 16 - RAILING RODS



PWA PROJECT NO. ME 1010-B  
 DEER ISLE-SEAGWICK BRIDGE DISTRICT  
 BRIDGE OVER EGGENAGGIN BEACH  
 CABLE STAYS FOR SIDE SPANS

ROBINSON & STEINMAN  
 ENGINEERS  
 NEW YORK, N.Y.

DRAWING NUMBER  
 RS 3310-S 122  
 JUNE 29 1934

124-32