

NOTE "A"
Existing Strands are about 1 1/8" Ø
Halves of existing Cable Bands are practically closed to bear.
Overall dimension face to face of bosses on three bands near 1/2 of bridge vary from 6 1/8" to 7 1/2".

PART TOP VIEW
7" New Band
3 1/2"
3 1/2"
3"
1'-2" Existing Band
4"
3"
3 1/2"
7" New Band
3 1/2"
3 1/2"
3"
Grind face of boss's smooth.
Ends to be straight and smooth finish if necessary.
Inside surface of cable bands to be ground smooth and free from all burrs and irregularities.

SECTION C-C

HALF SECTION B-B
Omit wrapping groove far end

HALF END VIEW F-F

VERTICAL SECTION D-D
Double V Butt Weld full length

BRIDGE SOCKET
Shoulder Pin 2 1/2" x 1 3/4"
Weld one nut and grind smooth.
One nut with 3/8" Cotter Pin.
Washers 4" x 3/8"
Pin Hole 2 1/2"

NOTES
Tests on existing cast steel cable bands and main tower saddles indicate the following chemical composition:
Carbon .26 to .32 %
Manganese .55 to .75 %
Phosphorus .038 to .045 %
Sulphur .033 to .041 %

STATE OF MAINE
STATE HIGHWAY COMMISSION
DEER ISLE-SEDGWICK BRIDGE
REINFORCEMENT WITH CABLE STAYS
LONGITUDINAL AND TRANSVERSE STAYS
SOCKETS AND CONN TO MAIN CABLES
SCALE 3"=1'-0"
ROBINSON & STEINMAN CONSULTING ENGINEERS NEW YORK CITY
DRAWING NUMBER RS 4207- 2
FEBRUARY 26, 1943

STATE OF MAINE
STATE HIGHWAY COMMISSION
DEER ISLE SEDGWICK BRIDGE
REINFORCEMENT WITH CABLE STAYS
LONGITUDINAL AND TRANSVERSE STAYS
SOCKETS AND CONN. TO MAIN CABLES
SCALE 3"=1'-0"

ROBINSON & STEINMAN
CONSULTING ENGINEERS
NEW YORK CITY

DRAWING NUMBER
RS 4207- 2
FEBRUARY 26, 1943

