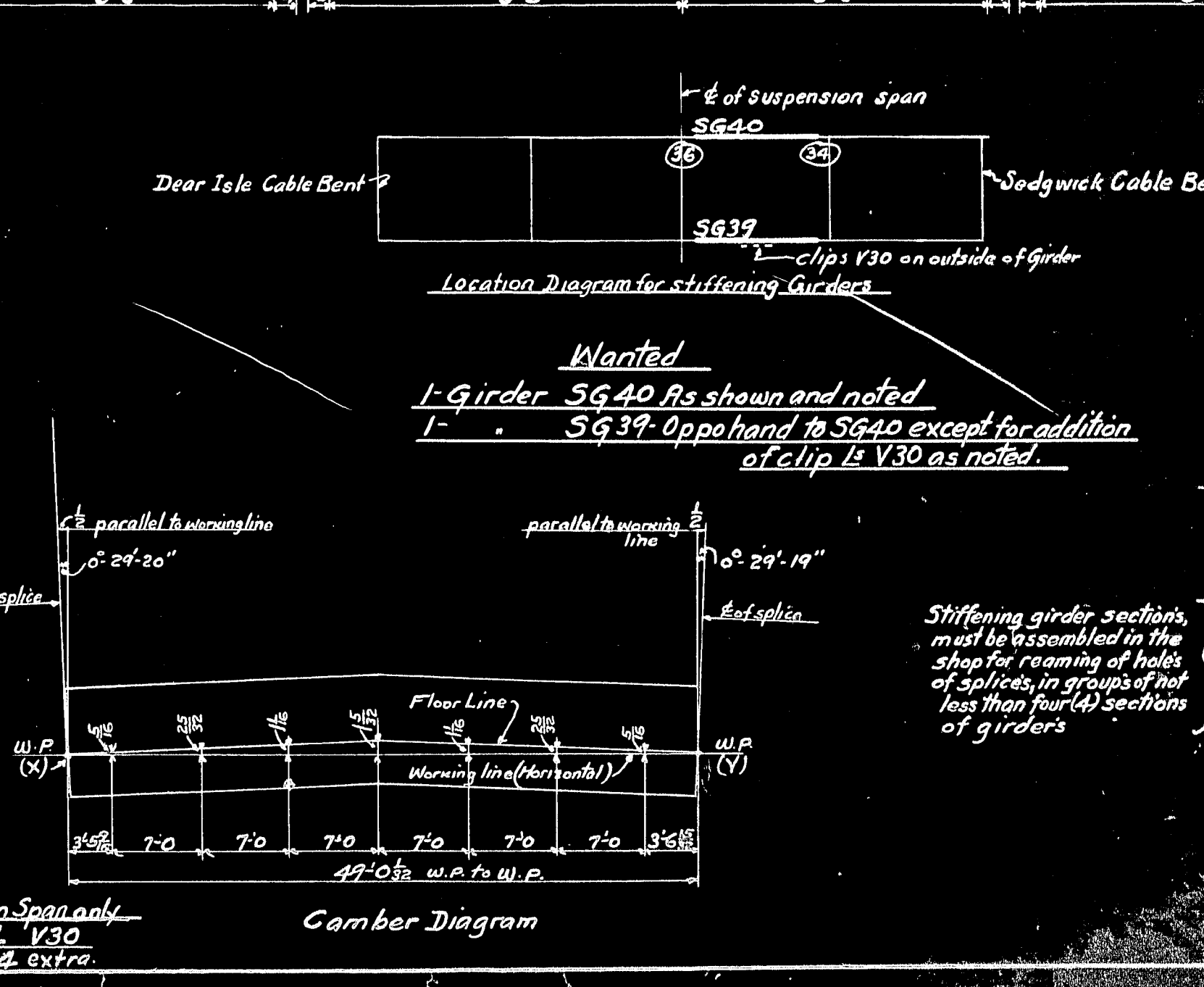


Section A-A

Item	Material	Quantity	Notes
1	AR	78.75 Wt. Pl. abt	49'0" T. curved
2	AR	6.4 x 1/2 L	49'0" T. "
3	AR	4.8 x 1/2 L	49'0" T. "
4	AR	12.5 x 1/2 L	49'0" T. "
5	AR	5.3 x 3/8 L	47'11" curved
6	AR	3.5 x 3/8 L	2'10" "
7	AR	5.3 x 3/8 L	4'3 1/2" crimped
8	AR	7.5 x 3/8 L	9'4" crimped
9	AR	5.3 x 3/8 L	12'2" crimped
10	AR	12.5 x 1/2 L	12'2" "
11	AR	14.2 x 1/2 L	2'8" "
12	AR	3.5 x 3/8 L	2'8" "

300-3 x 1/2 Pls 8 1/2 g CPl
 for Suspension Span only
 1 Pl. at each L V30
 plus 4 extra.



Specifications: WORKMANSHIP, DEER ISLE - SEDGWICK BRIDGE SPECIFICATIONS AND STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES OF THE AMERICAN ASSOCIATION OF STATE HIGHWAY ENGINEERS, 1936 EDITION.

STRUCTURAL STEEL: A. S. T. M. A7 - 36 EXCEPT THAT FOR THE WEB, FLANGE, ANGLES, PLATE, PLATES AND SPICE MATERIAL OF THE STIFFENING GIRDERS FOR THE SUSPENSION BRIDGE, THE SPECIFICATIONS FOR STEEL SHALL BE AS FOLLOWS: ULTIMATE STRENGTH 60,000 TO 70,000 POUNDS PER SQUARE INCH, AND YIELD POINT 36,000 POUNDS PER SQUARE INCH, MINIMUM.

RIVETS: A. S. T. M. A141 - 36.

RIVETS: UNLESS NOTED, OPEN HOLES 1/2" UNLESS NOTED.

ALL MATERIAL FORMING A PART OF MAIN MEMBERS SHALL BE SUB-PUNCHED AND REAMED IF THE THICKNESS OF THE MATERIAL IS NOT GREATER THAN THE NOMINAL DIAMETER OF THE RIVET. REAMED HOLES PUNCHED 1/16" SMALLER AND AFTER ASSEMBLING, REAMED 1/16" LARGER THAN THE NOMINAL DIAMETER OF THE RIVET. HOLES SHALL BE DRILLED IN MATERIAL THE THICKNESS OF WHICH IS GREATER THAN THE NOMINAL DIAMETER OF THE RIVET.

HOLES MARKED TEMPLET SHALL BE REAMED, OR DRILLED TO A METAL TEMPLET.

HOLES MAY BE PUNCHED FULL SIZE IN MATERIAL USED FOR LATERAL, LONGITUDINAL AND SWAY BRACING, LACING BARS AND ANGLES, STAY PLATES AND DIAPHRAGMS, NOT FORMING A PART OF THE SECTION OF MAIN MEMBERS. IF THE THICKNESS OF THE MATERIAL IS NOT GREATER THAN THE NOMINAL DIAMETER OF THE RIVET.

SHOP PAINT: ONE COAT OF DURET 67-708 DULCIFIED LEAD.

CONTACT SURFACES: NOT PAINTED.

ERECTOR MARKS: PAINTED ON PAINTED SURFACES.

EDGE DISTANCES: NOT GIVEN, ARE 1/2"

LAST ASSEMBLY MARK: H. SHOP LIST, PAGES 3, 4, 5, 6, 7.

DEER ISLE SEDGWICK BRIDGE DISTRICT
 BRIDGE OVER EGGMOGGIN REACH
 FROM LITTLE DEER ISLE TO SEDGWICK
 HANCOCK COUNTY, MAINE.
 ROBINSON & STEINMAN, ENGINEERS, NEW YORK CITY.

Stiffening Girders
THE PHOENIX BRIDGE CO.
 CONTRACT # 457
 C.O. # 457A
 DRAWING # 44
 ENGINEER: J. H. Warner
 DRAFTSMAN: J. H. Warner
 CHECKED: P.R.D. T.V.R.
 SCALE: 3/4" = 1'-0"
 DATE: 4-20-38

