Qty. Shop	Qty. Field	Mark	Description	Length	Remarks
04	04		7/8" S. Bolts 2½ u.h.	39'-4½	
1		aR	78 x ⅜ w. Pls.	39'-4½	
1	1	bR	" "	39'-4½	
2	2	cR	6 x 4 x ½ L's	39'-4½	Special
1	1	dR	" " "	37'-9½	Steel
1	1	eR	" " "	37'-9½	
1	1	fR	5 x 3½ x ⅝ L	38'-5⅞	
1	1	gR	" " "	37'-3½	
1	1	hR	7½ x 3 x 7/16 L	6'-9 15/16	Crimped 3"
3	3	kR	" " "	6'-9½	" "
1	1	mR	" " "	6'-9½	" "
1	1	nR	" " "	2'-10 7/8	Not Crimped
1	1	k29R	" " "	1'-1"	Bolted
2	2	P	5/16 x 3½ x 1'-8 1/16 PL	2'-10½	Grind to fit fillet 6x3½ L
4	4	t	5 x 3½ x ½ L "	2'-9½	Grind to fit fillet 6x3½ L
A	4	ad30L	7/16 x 3½ x 1'-8 1/16 PL	3'-3½	"
A	2	ad30R	7/16 x 3½ x 1'-8 1/16 PL	3'-3½	T. Bevel edge for welding
11	1	U	11/16 x 3½ PL	4'-4	T.
J	1	V	3½ x ½ fills.	4'-4	
2	2	X	12½ x ⅜ 391 Pls. W.P.	3'-8½	Bolted
1	1	WR	5 x 3½ x ½ L	4'-3½	"
2	2	w29	13 x 7/16 391 Pls. W.P.	5'-9½	"
5		V30	8 x 3½ x 7/16 L	6"	
1	1	aaR	5 x 4 x ½ L	1'-1	
4	4	ba	15" L's - 33 lbs.	15"	
2	2				

Qty. Shop	Qty. Field	Mark	Description	Length	Remarks
1	1	ah34	3½ x ½ fills.	4'-0½	
2	2	ab	18 x ½ Pls.	3'-2 3/32	
1	1	ad	18 x ⅜ Pls.	1'-3½	
2	2	aeR	18 x ½ Pls.	1'-3½	Welded
1	1	afR	7 x ½ Fill.	1'-7½	
1	1	agR	6 x 3½ x ⅜ L	3'-1⅜	Grind to fit fillet 6x3½ L
1	1	ahR	" " "	3'-1⅜	" " "
1	1	ak	19 x ⅜ Pl. U.R.	2'-10	T.
1	1	am	5½ x ½ Fill.	5½	
1	1	anR	29½ x ⅜ Pls.	4'-5½	
2	2	apR	5 x 3 x ⅜ L	2'-4½	
2	2	at	3½ x ⅜ fills.	2'-1½	
1	1	auR	4 x 3½ x ⅜ L	6'-2½	
1	1	av	3½ x ½ Fill.	1'-2½	
1	1	aw	3½ x ⅜ Fill.	6'-1⅜	
1	1	ax	3½ x ⅜ Fill.	1'-7⅜	
1	1	ay	3½ x ½ "	2'-2½	
4	4	W30R	5 x 3½ x ⅜ L	4'-3½	Crimped ⅜
1	1	X30R	" " "	4'-3½	Not Crimped
2	2	y30R	5 x 3½ x ⅜ L	11 0½	
1	1	y30L	" " "	y'-0½	
2	2	aa30	7 x ½ Fills.	9½	
1	1	ab30	3½ x ½ Fills.	3'-2½	T. Bevel edge for welding
2	2	aa30L	9 x 7/16 Pls.	1'-0½	T. Bevel edge for welding
2	2	af30	9½ x 7/16 Pls.	1'-6⅜	"Welded
2	2	ae30	9½ x ½ Pls.	7'-8	" "

Stiffening girder sections must be assembled in the shop for reaming of holes of splices, in groups of not less than four (4) sections of girders.

Revised to conform to as-built prints.

SPECIFICATIONS: WORKMANSHIP, DEER ISLE - SEDGWICK BRIDGE SPECIFICATIONS AND STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES OF THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS, 1935 EDITION.
STRUCTURAL STEEL: A.S.T.M. A7 - 36, EXCEPT THAT FOR THE WEBS, FLANGE ANGLES, FLANGE PLATES AND SPLICE MATERIAL OF THE STIFFENING GIRDERS FOR THE SUSPENSION BRIDGE, THE SPECIFICATIONS FOR STEEL SHALL BE AS FOLLOWS: ULTIMATE STRENGTH 62,000 TO 72,000 POUNDS PER SQUARE INCH, AND YIELD POINT 36,000 POUNDS PER SQUARE INCH, MINIMUM.
RIVET STEEL: A.S.T.M. A141 - 30.
RIVETS ⅞" UNLESS NOTED. OPEN HOLES ⅞" 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 ⅜" 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 DUPONT 67-700 DULUX RED LEAD.
CONTACT SURFACES NOT PAINTED.
ERECTION MARKS PRINTED ON PAINTED SURFACES.
EDGE DISTANCES NOT GIVEN, ARE 1½
LAST ASSEMBLY MARK 29 - SHOP LIST D, PAGES 14, 15 & 16.

P. W. A. PROJECT NO. ME 1010 D.
DEER ISLE SEDGWICK BRIDGE DISTRICT
BRIDGE OVER EGGEMOGGIN REACH
FROM LITTLE DEER ISLE TO SEDGWICK
HANCOCK COUNTY, MAINE.
ROBINSON & STEINMAN, ENGINEERS, NEW YORK CITY.

THE PHOENIX BRIDGE CO.
CONTRACT # 457
C.O. # 457-A
DRAWING: # 35
ENGINEER: J. H. Wanner
DRAFTSMAN: F. Morris & P.R.D.
CHECKED BY P.R.D. 3/15/38
SCALE: 3/4 = 1'-0
DATE: Feb. 26, 1938