



Detail of End Dams for 2x3 Opening in Roadway Exp. Detail at Cable Bents

**Material for I-Bracket SB9R**

1	Q	49 1/2 x 3/4 Web Pl	6'11 1/2	T	Outsides 3/4 plates cut 1/2
1	BR	6 x 4 x 1/2 L	7'2 1/2	"	Notched & Welded
1	CR	"	7'2 1/2	"	"
2	DR	4 x 3 1/2 x 1/2 L	6'4 1/2	"	"
2	ER	4 x 3 1/2 x 3/4 L	7'6 3/4	"	Welded
2	F	7 x 1/2 Fills	2'9 1/2	"	Bolt for shipment
3	G	3/8 Shot Bolts	3 1/2	UN	"
2	H	7 x 1/2 Fills	1'6 1/2	"	"
2	I	27 1/2 x 1/2 Pls	3'12 1/2	T	0-1 1/2 x 1/2 Pls cut 2 Pls
1	K	7 x 3/4 Fill	3'8 3/4	T	Welded Ord. 1/2 x 3/4 Pls cut 4 Pls
2	MR	7 x 3/4 Pin Pls	2'11 1/2	T	Welded
2	N	3 1/2 x 1/2 Fills	1'3 1/2	T	"
2	P	13 1/2 x 1/2 Fills	1'9 1/2	T	Ord. 1 1/2 x 1/2 Pls cut 2 Pls
2	Q	10 1/2 x 1/2 Fills	1'0 1/2	T	FL 100-1 1/2 x 3/4 Pls cut 2 Pls
2	VR	3 1/2 x 3/4 x 1/2 L	1'2 1/2	T	FL 100
2	WR	6 x 3 1/2 x 1/2 L	1'10 1/2	T	FL 100

**Material for I-Bracket SB10**

1	X	12 x 1/2 Fill	1'2	"	Bolt for shipment
2	Y	2 x 4 x 1/2 L	1'3 1/2	T	FL 100
2	Z	3/8 Shot Bolts	2	"	"

- Wanted List**
- 2- Brackets Mark SB9R As shown
  - 2- " " SB9L Opp hand
  - 8- " " SB10 As shown
  - 16- Rods " R1
  - 16- 1/2 Bolts 4 lg (with 2 Nuts on each)
  - 4- Dam Plates Mark DPI

**Summary of Field Rivets**

Length	2 1/2	2 3/4	3 1/2	4 1/2	5 1/2	6 1/2
Number	28	96	72	40	44	4

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

**STRUCTURAL STEEL:** A. S. T. M. A7-36 EXCEPT THAT FOR THE WEBS, FLANGE ANGLES, FLANGE PLATES AND SPICE 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. A141-36.

**RIVETS:** 3/8" UNLESS NOTED. OPEN HOLES 1/8" 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 TEMPLAT SHALL BE REAMED OR DRILLED TO A METAL TEMPLAT 1/16" THICK.

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.

FRECTION MARKS PAINTED ON PAINTED SURFACES.

ED'S DISTANCES NOT GIVEN, ARE 1/2"

LAST ASSEMBLY MARK 5/8" SHOP LISTS, PAGES 2 & 3 Last

P. W. A. PROJECT NO. ME 1010 D.  
**DEER ISLE SEDGWICK BRIDGE DISTRICT**  
 BRIDGE OVER EGGMOGGIN REACH  
 FROM LITTLE DEER ISLE TO SEDGWICK  
 HANCOCK COUNTY, MAINE.

**Brackets for Cable Stays**

ROBINSON & STEINMAN, ENGINEERS, NEW YORK CITY.

**THE PHOENIX BRIDGE CO.**  
 CONTRACT 457  
 C.O. 457-AC  
 DRAWING: 1  
 ENGINEER: J. H. Wanner  
 DRAFTSMAN: W. E. Doran  
 CHECKED BY: J. H. Wanner  
 SCALE: 1/2" = 1'-0"  
 DATE: July 18-39

