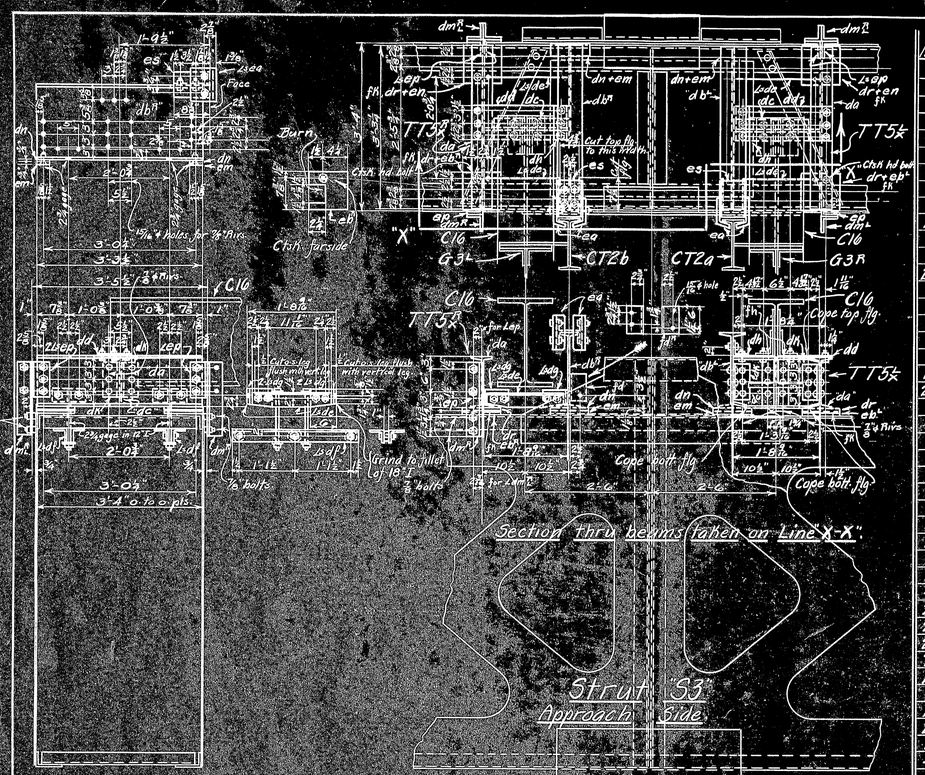
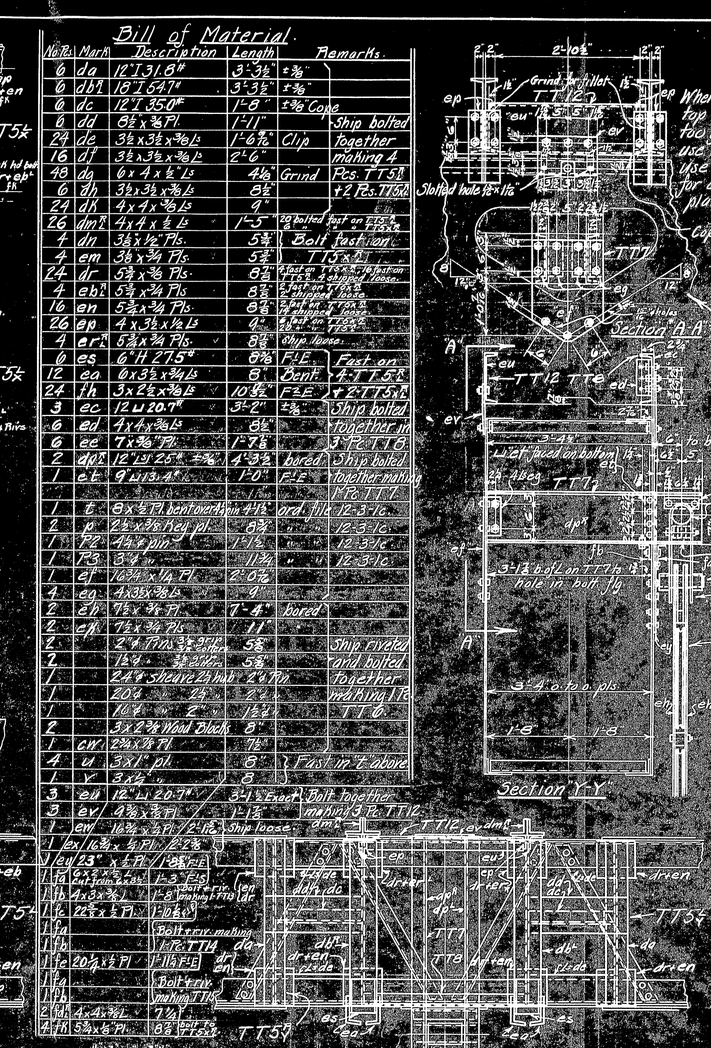
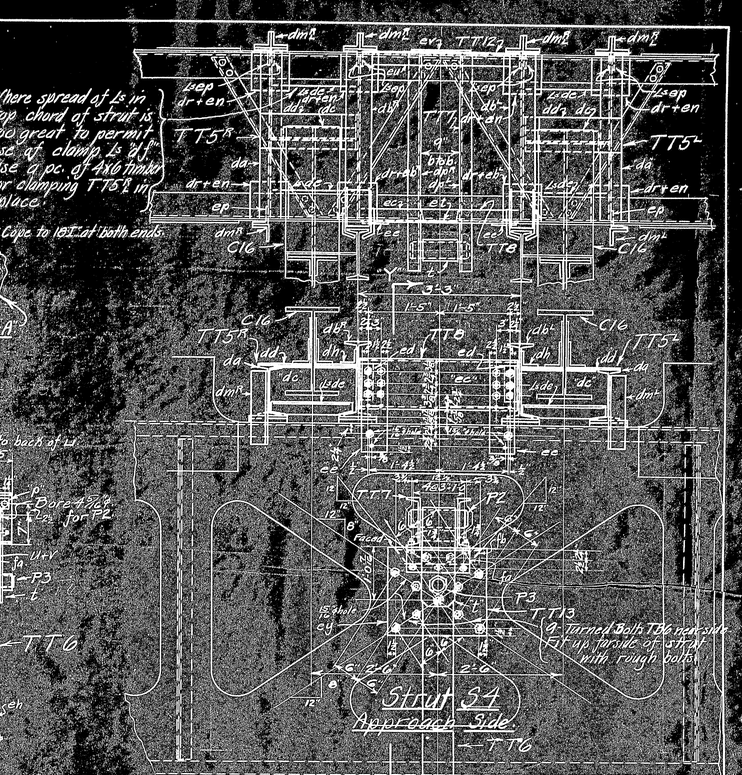


Bill of Material.

No Pcs	Mark	Description	Length		Remarks.
6	da	12"I 31.8#	3'-3½"	±⅜	
6	db¹	16"I 54.7#	3'-3½"	±⅜	
6	dc	12"I 350#	1'-8"	±⅜ Cope	
6	dd	6½"x⅜" Pl.	1'-11"		Ship bolted
24	de	3½"x3½"x⅜" L	1'-0 7/16"	Clip	together
16	df	3½"x3½"x⅜" L	2'-6"		making 4
48	dg	6"x4"x½" L	4'-6"	Grind	Pcs. TT5ᴮ
6	dh	3½"x3½"x⅜" L	6'-2½"		x 2 Pcs. TT5ᴬ
24	dk	4"x4"x⅜" L	9"		
26	dm²	4"x4"x½" L	1'-5"	20 @ 6" 6 @ 4½"	bolted fast on ends
4	dn	3½"x½" Pls.	5'-2"	Bolt fashion	
4	em	3½"x¾" Pls.	5'-2"	TT5ᴮ	
24	dr	5½"x⅜" Pls.	8'-7"	Fast on TT5ᴮ & TT5ᴬ	Bolt fashion
4	eb²	5½"x¾" Pls.	8'-7"	Fast on TT5ᴮ & TT5ᴬ	Shipped loose
16	en	5½"x¾" Pls.	8'-6"	Fast on TT5ᴮ & TT5ᴬ	Shipped loose
26	ep	4"x3½"x½" L	9"	Fast on TT5ᴮ & TT5ᴬ	
4	er²	5½"x¾" Pls.	8'-7"	Ship loose.	
10	es	6"H 27.5#	8'-6"	F.E.	Fast on
12	ea	6"x3½"x¾" L	8'	Bent.	4-TT5ᴮ & 2-TT5ᴬ
24	th	3"x2½"x⅜" L	10'-6"	F.E.	2-TT5ᴮ & 2-TT5ᴬ
3	ec	12"I 20.7#	3'-2"	2⅜	Ship bolted
6	ed	4"x4"x⅜" L	8½"		together in
6	ee	7"x3½" Pl.	1'-7½"		3 Pc. TT6
2	dd⁸	12"I 31.25# ±⅜"	4'-3½"	bored	Ship bolted
1	et	9"I 21.4#	1'-0"	2½	together making
					1 Pc. TT7
1	t	8"x½" Pl. bent over 4" on 4½" rad.			12-3 rlc.
2	p	2½"x⅜" Reef pl.	8¾"		12-3 rlc.
1	P2	4½" pin	1'-1½"		12-3 rlc.
1	P3	3¼" "	1'-1¾"		12-3 rlc.
1	ef	10¾"x¼" Pl.	2'-0 7/16"		
4	eg	4"x3½"x⅜" L	9"		
2	eh	7½"x⅜" Pl.	7'-4"	bored	
2	ei	7½"x¾" Pls.	11"		
2		2"ø Rivets 3½" c. to c.	5⅝"		Ship rivets
2		1¼" ø Bolts 2½" c. to c.	5⅝"		and bolted
1		24"ø Sheave 2¼" hub x 2"w Rim			together
1		20"ø " 2¼" " x 2" "			making TT6
1		10"ø " 2" " x 2" "	1'-2½"		TT7
2		3"x2⅜" Wood Blocks	8"		
1	ew	2¾"x⅜" Pl.	7½"		
4	u	3"x1" pl.	8	Fast in T above	
1	v	3"x2" "	8		
3	eu	12"I 20.7#	3'-1 5/16"	Exact. Bolt together	making 3 Pc. TT12
3	ev	4"x3"x⅜" Pl.	1'-1½"		
1	ew	16½"x½" Pl. / 2'-2⅜"	Ship loose.		
1	ex	16½"x½" Pl. / 2'-2⅜"			
1	eu	23" x ½" Pl. / 1'-8½"	F.E.		
1	fa	6"x2"x⅜" Bent Plate	1'-3"	F.E.	Fast on TT5ᴮ
1	fb	4"x3"x⅜" L	1'-8"	Bolt together making	1 Pc. TT14
1	fc	22½"x½" Pl.	1'-0½"		
1	fa			Bolt & rivet making	1 Pc. TT14
1	fb				
1	fe	20½"x½" Pl.	1'-11½"	F.E.	dr en
1	fa			Bolt & rivet making	TT14
1	fb				
2	m	4"x4"x⅜" L	7'-2"		
4	th	5¾"x½" Pl.	8'-8"	Bolt to TT5ᴮ & TT5ᴬ	



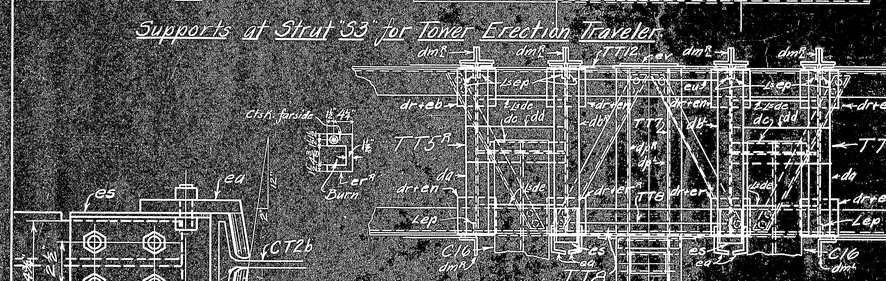


Bolt List

		Wanted		marked
48 - ⅞ø bolts	1½" u.h.	4 Pcs	marked	TT5ᴬ
28 - ¾ø bolts	1¾ u.h.	1 Pc	"	TT6
196 do	2 u.h.	1 Pc	"	TT7
70 do	2¼ u.h.	1 Pc	"	TT6
50 do	2¾ u.h.	4 Pcs	"	TT5ᴮ
4 do	3 u.h.	2 Pc	"	TT12
30 do	2½ u.h.	3 Pc	"	TT13
24 do	1¢" u.h.	1 Pc	"	TT14
10 - ¾ø Csk. Hd. 3" o.all		1 Pc	"	TT15
48 - 2¼ø x ⅜ Washers 7/8 hole		1 Pc		
96 - 2¼ø x ¼ " 9/16 hole		1 Pc		
		1 Pc		
		1 Pc		
		4 dr		
		2 eb²		
		4 en		
		4 er		

Field Note: Make 2 Pcs TT5Y.1 from TT5X.1 by removing 6 Lap 4 Pls dn 4 Pls em and placing shim plates as called for on sheets at left.

General Notes:
Paint coat of black paint
Open holes 7/16 ø unless noted
Rivets ¾ ø unless noted.



Strut "35" Approach Side

Strut "36" "Approach Side"

9 Turned Bolts TT6 nearside. Fit up farside with rough bolts.

9 Turned Bolts TT6 nearside. Fit up farside of strut with rough bolts.

27 Turned Bolts TT6

Fit Hd. Thd. for ⅞" Hex. Nut

2¼"ø x ¼ Washer 1⅛ø hole.

Guides and Lifting Device at Strut "36" for Tower Traveler.

Examined & Approved:

Supt. of Erection.

Reviewed 6-17-38

Guide for Traveler for Erecting Towers

P.W.A. Project No. Me. 10101

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.
Erection Dept.
Engr. A. J. Foulds.
Draftsman: Frank W. Peirce
Scale: ¾"=1'-0"
Date: 4/13/38.

C.O. 457. Drg T3D.

3 6/16/38