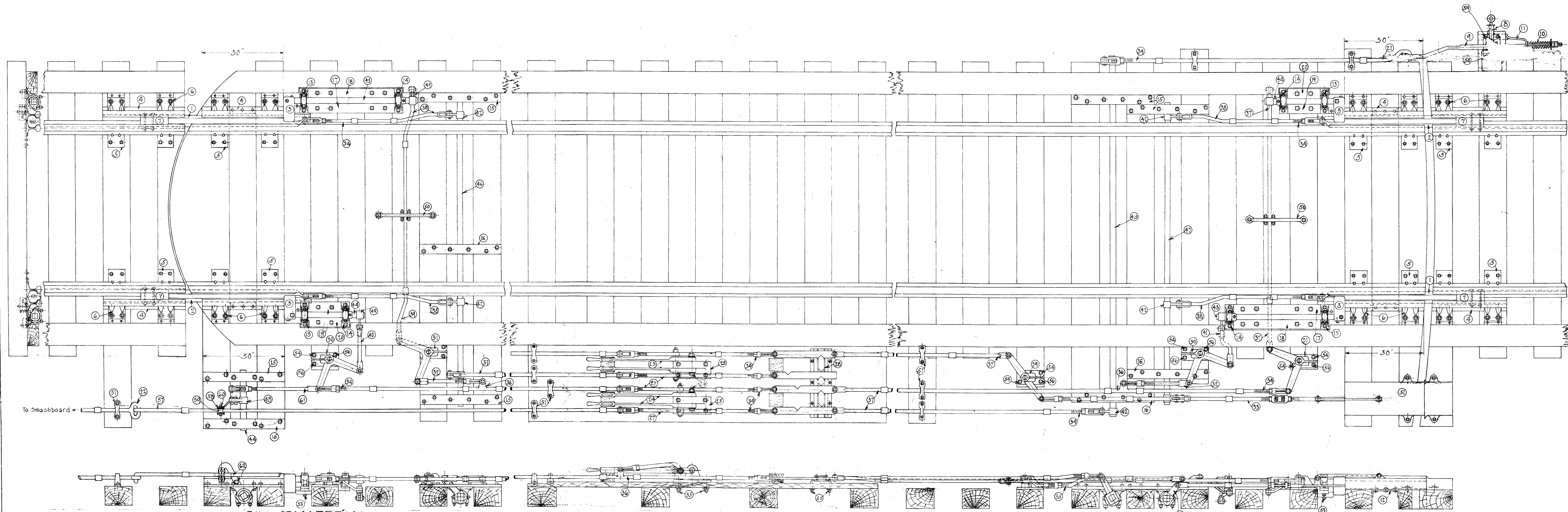




Std. No.	Name	P.R.R. Standard Plan	Std. No.	Name	P.R.R. Standard Plan	Std. No.	Name	P.R.R. Standard Plan
1	2 Left Hand Wedges	223-53(2231)	26	2 Turned Bolts, each with 2-Plate Washers, Nut & Cotter	223-53(2232)	51	14 Pipe Carriers	222-51(22222)
2	2 Right Hand Wedges	223-53(2232)	27	4 Rods, each with Screw Jaw & Pin	223-53(2232)	52	1 Electric Bridge Coupler	223-53(2232)
3	4 Locking Cams	223-53(2233)	28	1 Lever Locking Device Complete	223-53(2232)	53	4 3/4" x 3/4" Sq Hd Bolts each with Lock Washer & Nut	223-53(2232)
4	1 Piece of 55# Rail, 30" Long	223-53(2233)	29	1 Straight arm compensator and stand comp. with arms drilled	204-SI (20415)	54	2 3/4" x 9" Sq Hd Bolts each with 1/2" Plate Washer & Nut	223-53(2232)
5	16 Tie Plates	223-53(2233)	30	2 11 3/4" x 1 1/2" Ball Cranks & Strands Comp	204-SI (20414)	55	14 3/4" x 4 1/2" Solid Bolts each with Plate Washer, Lock Washer, Nut	223-53(2232)
6	16 Rail Braces (Slip Sw. Type)	223-53(2233)	31	2 " " " "	204-SI (20413)	56	16 3/4" x 4 1/2" Lag Screws	223-53(2232)
7	4 Stop Blocks with Bolts Complete	223-53(2234)	32	2 Connecting Rods, each with Screw Jaw & Pin	206-SI (20637)	57	1 Connecting Hook	223-53(2232)
8	1 Comb. Plunger & Circuit Closer (U.S. & 3, Plate 685)	223-53(2234)	33	1 " " " " Rod with Turnbuckle	206-SI (2061)	58	1 Left Hand Raising Strap	223-53(2234)
9	1 Lock Rod	223-53(2234)	34	12 Standard Screw Jaws	206-SI (20612)	59	2 Rollers (same as used on Low Pipe Carriers)	222-52(22232)
10	1 Spiral Spring for Lock Rod	223-53(2234)	35	1 " " " " Jaw with 2" down set.	206-SI (20612)	60	2 Pins	222-52(22232)
11	1 Strap for Lock Rod	223-53(2234)	36	6 Pipe Logs	206-SI (2063)	61	1 Connecting Rod with Screw Jaw & Pin	223-53(22340)
12	4 Straps for @	223-53(2234)	37	9 Standard Solid Jaws	206-SI (2066)	62	2 7/8" x 2 1/2" Sq Hd Bolts, each with Hex Nut.	223-53(22340)
13	4 Low Shaft Bearings with End Journals (without Supply Plate)	203-53(20364)	38	5 " " " " with 2 3/4" down set	206-SI (20611)			
14	4 " " " " Int. " Complete	203-53(20365)	39	1 " " " " 2 3/4" side "	206-SI (2066)			
15	4 " " " " End " Complete	203-53(20364)	40	1 Connecting Rod with Solid Jaws at both ends	223-53(22334)			
16	3 " " " " Int. "	203-53(20365)	41	1 " " " " "	223-53(22334)			
17	2 Supporting Plates, with stop blocks for 13 & 14	223-53(22320)	42	8 9" Arms for Rocking Shafts	203-52(20342)			
18	2 " " " " without " " " "	223-53(22320)	43	2 2" Sq. Rocking Shafts, 4-2" Long	203-52(20356)			
19	2 " " " " with " " " "	223-53(22328)	44	3 " " " " 2 1/2"	203-52(20356)			
20	2 " " " " without " " " "	223-53(22329)	45	1 " " " " 11-0"	203-52(20356)			
21	1 Connecting Hook	223-53(22357)	46	1 2' " " " " 10-0"	203-52(20356)			
22	1 Eye Rod	223-53(22327)	47	1 2' " " " " 9-5"	203-52(20356)			
23	2 Ground Levers with 12" Throw	223-53(22324)	48	2 Straight arm drilled 6" and 5"	203-52(20349)			
24	2 " " " " 8 1/2" Throw	223-53(22325)	49	4 " " " " "	203-52(20349)			
25	2 Ground Lever Stands	223-53(22325)	50	2 One Way Transverse Pipe Carriers	222-SI(22223)			

PLAN NO. 223-SI
PRINT NO. 1

PENNA. R. R.

**STANDARD ARRANGEMENT FOR LOCKING
SHEAR-POLE DRAWBRIDGES WITH SIGNALS
AND ONE SMASHBOARD OPERATED FROM CABIN
AND ONE SMASHBOARD FROM DRAW.**

PHILADELPHIA, OCT. 1, 1908.

SCALE: 1/4" = 1 FT.

ORIGINAL ON FILE
IN OFFICE OF
SIGNAL ENGINEER

CORRECT.

A. H. H.
SIGNAL ENGINEER

APPROVED.

R. H. H.
ENGINEER M. W.

Revised: March 20, 1919. R.M. 166, 7/15
 Standard reference numbers
 given, where possible, in bill of
 material.
 Approved: