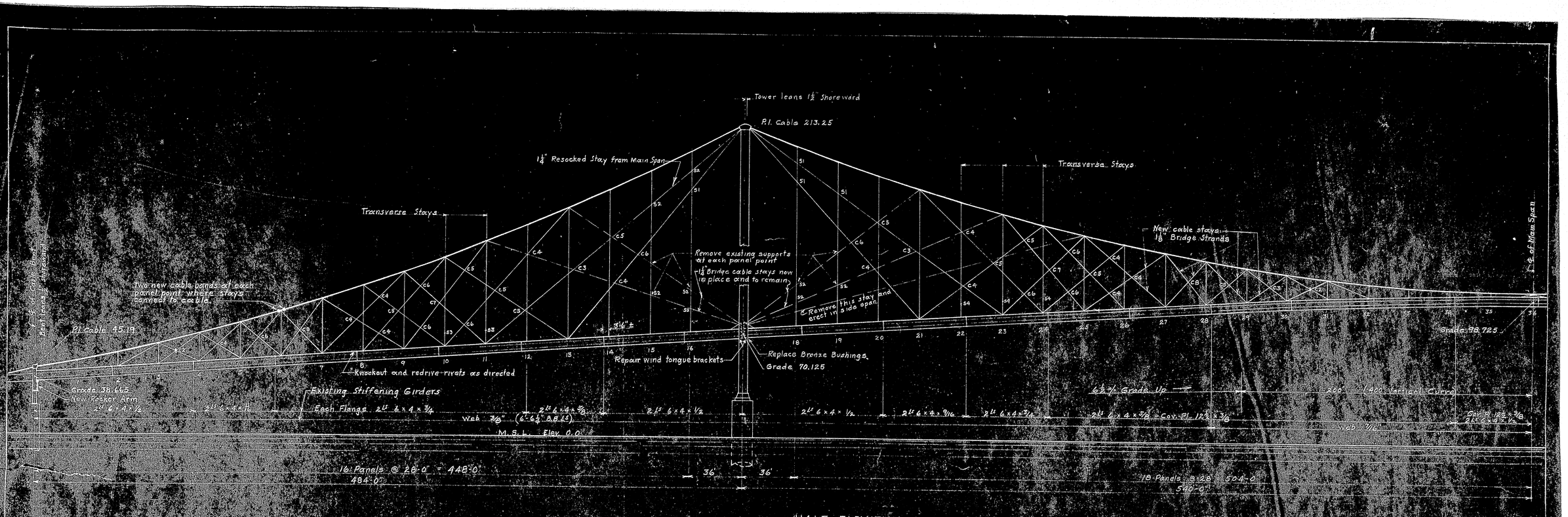
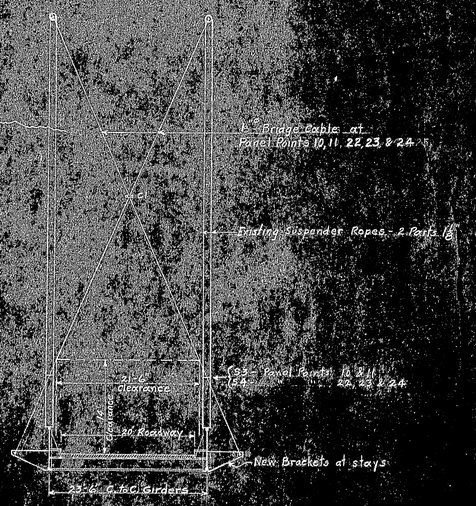


HALF ELEVATION
Scale 1" = 30'

SPECIFIED ORIGINAL ELEVATIONS		
PANEL POINT	ELEVATION @ MAIN CABLE	ELEVATION SUSP. SOCKET PIN
1	50.381	44.890
2	56.098	46.710
3	62.366	48.530
4	69.180	50.350
5	76.555	52.170
6	84.488	53.990
7	92.970	55.810
8	102.054	57.630
9	111.691	59.450
10	121.892	61.270
11	132.666	63.090
12	142.007	64.910
13	155.918	66.730
14	168.390	68.550
15	181.426	70.370
16	195.019	72.190
18	199.373	76.870
19	189.223	78.690
20	179.657	80.510
21	170.662	82.330
22	162.236	84.150
23	154.385	85.970
24	147.106	87.790
25	140.412	89.610
26	134.298	91.430
27	128.771	93.250
28	123.820	95.070
29	119.457	96.887
30	115.675	98.541
31	112.483	99.940
32	109.870	101.085
33	107.846	101.976
34	106.401	102.612
35	105.540	102.994
36	105.250	103.121



SECTION SHOWING TRANSVERSE STAYS
Scale 1" = 10'

Stays

DEER Isle - SEDGWICK BR.

R. + S. Contract Drawings 1-6

ROEBLING DETAILS 1-14 Final Revision

" ERECTION 16-23

1943 - 1944

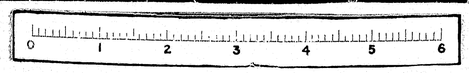
NOTES:
Existing stays are 1⅛" Bridge Cable
New large diameter stays are to be 1⅝" Strand.
New transverse stays are to be 1" Bridge Cable.
Estimated average dead load of existing bridge = 1200 lbs. per linear foot per cable.

STATE OF MAINE
STATE HIGHWAY COMMISSION

DEER ISLE-SEDGWICK BRIDGE

REINFORCEMENT WITH CABLE STAYS

GENERAL PLAN

ROBINSON & STEINMAN
CONSULTING ENGINEERS
NEW YORK, CITY

DRAWING NUMBER
RS 4207 - 1
FEBRUARY 26, 1943