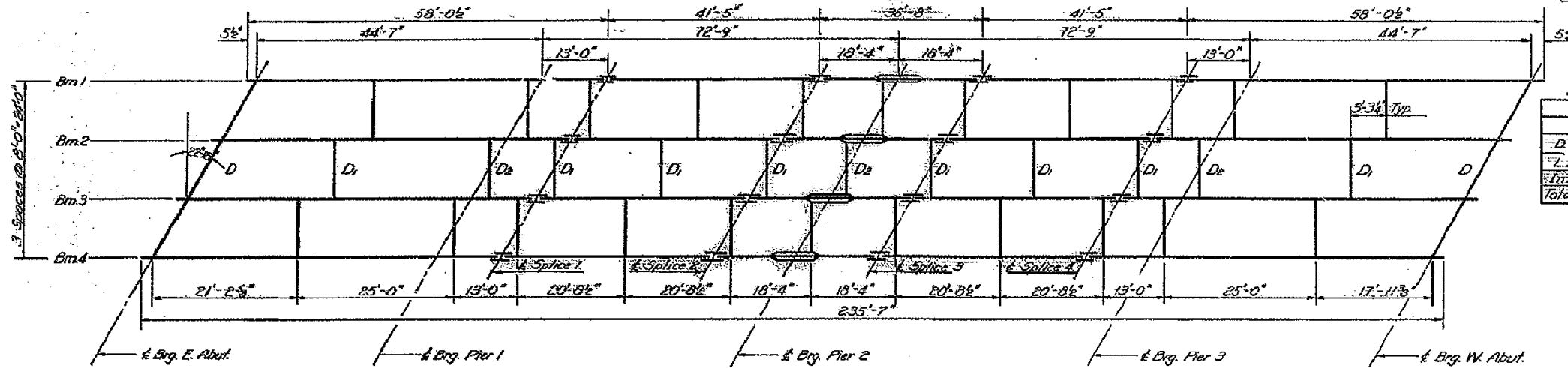


AS-BUILT PLANS FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO.	DATE	COUNT	DATE	SHEET NO.
10-37RS-2&10,27-38/RS-1	12/2/2009	62	17	10



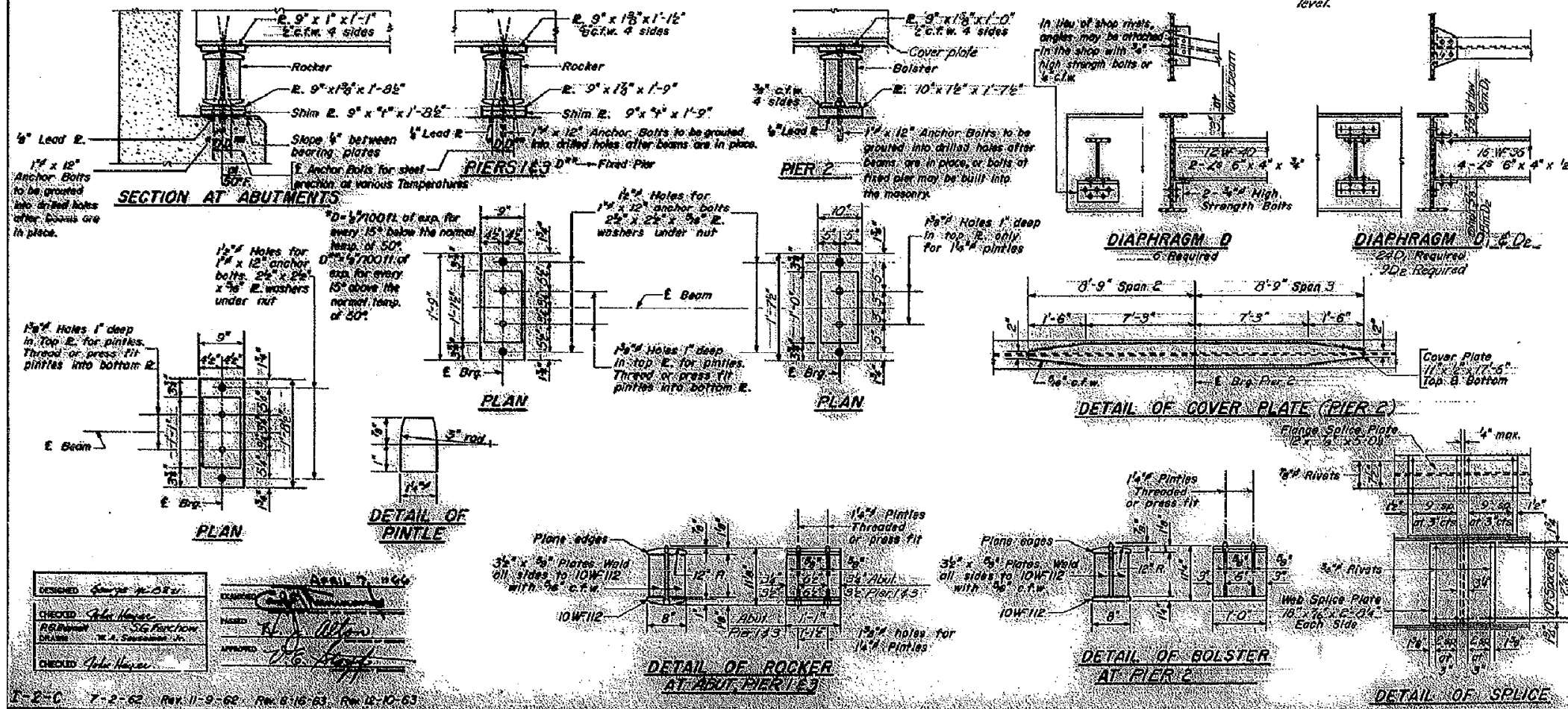
Moments & Reactions (Int. Beams)

	Moments (K-FT)				Reactions (K/PS)			
D.L.	120.4	424.1	288.2	661.8	78.2	78.7	76.2	
L.L.	241.0	257.1	383.0	391.8	30.0	38.2	23.1	
Imp.	72.0	72.2	83.2	83.5	2.9	71.0	10.9	
Total	433.4	753.4	754.5	1137.1	111.1	187.9	110.2	

Shim Plates (1/4 inch thick)

Location	Bm.1	Bm.2	Bm.3	Bm.4
Brig. E. Abut.	1"	3/4"	0"	0"
Brig. P-1	1/2"	1/2"	0"	0"
Brig. P-3	0"	0"	1/2"	1/2"
Brig. W. Abut.	0"	0"	3/4"	1"

STEEL FRAMING PLAN
(All beams 36" WF 150)



ELEVATION TOP OF WF

Location	Bm.	Bm.1	Bm.2	Bm.3	Bm.4
Brig. E. Abut.	789.80	789.97	789.88	789.77	
Brig. P-1	789.99	790.11	790.10	789.80	
Splice 1	790.03	790.17	790.16	790.01	
Splice 2	790.14	790.27	790.27	790.13	
Splice 3	790.15	790.27	790.27	790.13	
Splice 4	790.19	790.27	790.27	790.13	
Splice 5	790.01	790.16	790.17	790.03	
Brig. P-3	789.83	789.10	790.11	789.80	
Brig. W. Abut.	789.72	789.88	789.51	789.80	

DESIGNED: GMS
CHECKED: S.H. HANSEN
DATE: 12/2/2009

1-2-C 7-2-62 Rev. 11-9-62 Rev. 6-15-63 Rev. 12-10-63