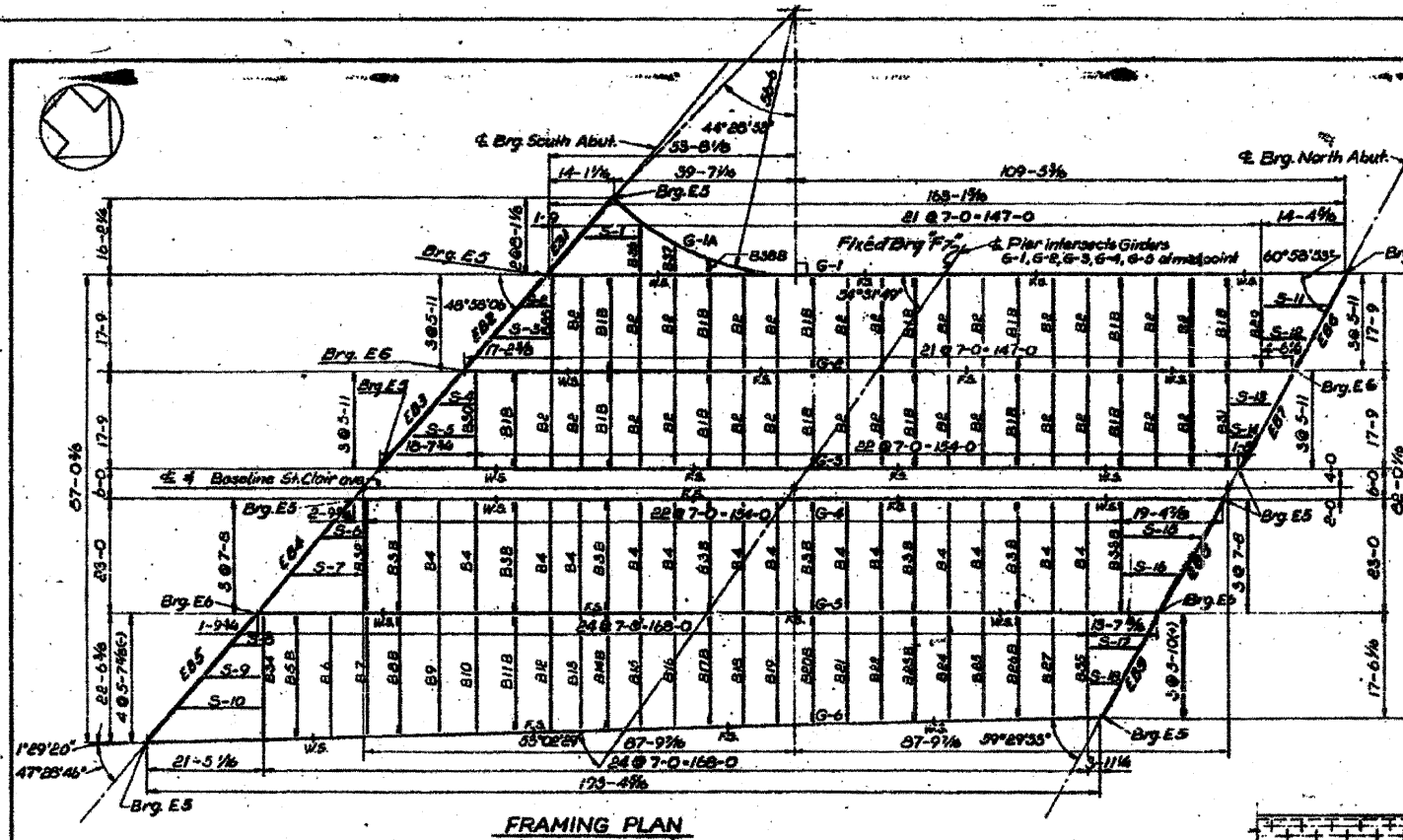


FOR INFORMATION ONLY



Note: Max. intermediate stiffener spacing 3-6

GIRDER SCHEDULE			
Mark	L	Main Material	Pitch
G-1	163-196	1 Web Pl. 34 x 1/2 - 4 L 6 x 6 x 7/8 Cover Pl's. 2-14 x 1/2 x 152" 2-14 x 1/2 x 110" 2-14 x 1/2 x 14"	A: 16-0 @ 4' B: 33-6 @ 5' C: 16-0 @ 3'
G-1A	36-796	1 Web Pl. 34 x 1/2 - 4 L 6 x 6 x 7/8	36-6 @ 3'
G-2	165-04	1 Web Pl. 34 x 1/2 - 4 L 6 x 6 x 7/8 Cover Pl's. 2-10 x 1/2 x 150" 2-10 x 1/2 x 106" 2-10 x 1/2 x 14"	A: 10-0 @ 3' B: 34-6 @ 4' C: 16-0 @ 2 1/4'
G-3	174-374	1 Web Pl. 34 x 1/2 - 4 L 6 x 6 x 7/8 Cover Pl's. 2-14 x 1/2 x 148" 2-14 x 1/2 x 128" 2-14 x 1/2 x 14"	A: 17-0 @ 4' B: 34-0 @ 3' C: 17-0 @ 3'
G-4	176-276	1 Web Pl. 34 x 1/2 - 4 L 6 x 6 x 7/8 Cover Pl's. 2-14 x 1/2 x 156" 2-14 x 1/2 x 142" 2-14 x 1/2 x 14"	A: 17-0 @ 3 1/2' B: 35-0 @ 4 1/2' C: 17-0 @ 2 1/4'
G-5	185-376	1 Web Pl. 34 x 1/2 - 4 L 6 x 6 x 7/8 Cover Pl's. 2-10 x 1/2 x 168" 2-10 x 1/2 x 142" 2-10 x 1/2 x 14"	A: 10-0 @ 2 1/2' B: 30-0 @ 3 1/2' C: 16-0 @ 1 3/4'
G-6	193-576	1 Web Pl. 34 x 1/2 - 4 L 6 x 6 x 7/8 Cover Pl's. 2-10 x 1/2 x 176" 2-10 x 1/2 x 156" 2-10 x 1/2 x 14"	A: 10-0 @ 3 1/2' B: 30-0 @ 4 1/2' C: 16-0 @ 2 1/4'

GIRDERS D.L. DEFLECT.

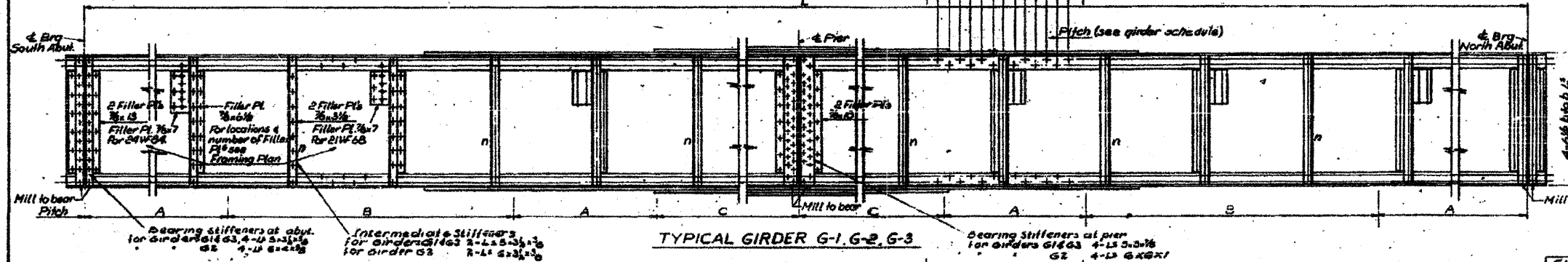
N.SPAN	S.SPAN		
	1/2 L	1/3 L	1/4 L
G-1	1/2	1/3	1/4
G-2	1/2	1/3	1/4
G-3	1/2	1/3	1/4
G-4	1/2	1/3	1/4
G-5	1/2	1/3	1/4
G-6	1/2	1/3	1/4

FLOOR BEAM SCHEDULE

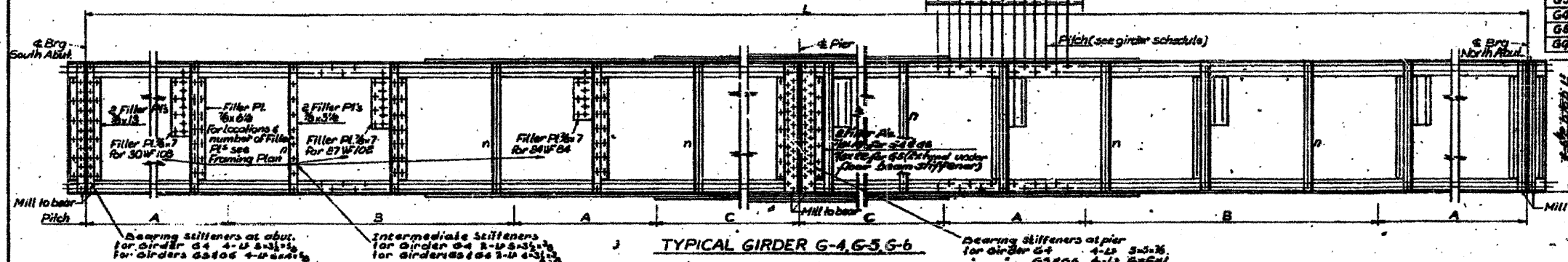
Mark	L	Material
B1B4 B2	17-9	21WF58
B3B4 B4	23-0	27WF82
B5B	21-9 1/2	24WF64
B6	21-7 1/2	
B7	21-5 1/2	
B8B	21-3	
B9	21-0 1/2	
B10	20-10 1/2	
B11B	20-8 7/8	
B12	20-8 1/4	
B13	20-4 1/4	
B4B	20-1 1/2	24WF64
B15	19-11 1/2	24WF76
B16	19-9 1/2	
B17B	19-7 1/2	
B18	19-5 1/2	
B19	19-2 1/2	
B20B	19-0 1/2	
B21	18-10 1/2	
B22	18-8 1/2	
B23B	18-6 1/2	
B24	18-4	
B25	18-1 1/2	
B26B	17-11 1/2	
B27	17-9 1/2	
B28A-B28	17-9	24WF76
B30 B33B	23-0	30WF100
B34	21-11 1/2	27WF82
B35	17-7 1/2	24WF76
B36	9-2 1/2	21WF68
B37	8-3 1/2	
B38B	8-7 1/2	21WF68

ELEVATIONS - TOP OF GIRDERS @ BRGS.

GIRDER	SOUTH ABUT.		PIER		NORTH ABUT.	
	1	2	1	2	1	2
G1A	414.69					
G1	414.88	414.84	414.86			
G2	415.10	415.08	414.76			
G3	415.31	415.26	414.96			
G4	415.30	415.32	414.99			
G5	415.16	415.21	414.78			
G6	414.95	414.93	414.62			



TYPICAL GIRDER G-1, G-2, G-3



TYPICAL GIRDER G-4, G-5, G-6

Designed by: B.S.T.
Drawn by: E.A.
Checked by: B.S.T.

Elevs. given top of cover fls.
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
&
CITY OF EAST ST. LOUIS
EAST ST. LOUIS EXPRESSWAY
ST. CLAIR AVE. OVER EAST BOUND EXPRESSWAY
AND ROADWAY "R"
FRAMING PLAN & STEEL DETAILS
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS
DATE: MAY 1988
SHEET NO. 13