

TOP OF WIDE FLANGE ELEVATIONS (FOR FABRICATION ONLY)

BEAM NO.	℄ Brg. S. Abut.	℄ F.S. 1 *	℄ Pier 1	℄ F.S. 2 *	℄ F.S. 3 *	℄ Pier 2	℄ F.S. 4 *	℄ Brg. N. Abut.
1	854.99	854.96	854.94	854.92	854.89	854.87	854.86	854.80
2	855.14	855.12	855.10	855.08	855.05	855.03	855.02	854.96
3	855.26	855.24	855.22	855.21	855.17	855.16	855.15	855.10
4	855.34	855.32	855.30	855.29	855.25	855.24	855.23	855.18
5	855.22	855.21	855.19	855.17	855.14	855.12	855.11	855.07
6	855.08	855.07	855.05	855.04	855.00	854.99	854.98	854.94
7	855.05	855.05	855.04	855.04	855.02	855.02	855.02	855.00
8	855.18	855.19	855.18	855.18	855.16	855.16	855.16	855.14
9	855.29	855.30	855.29	855.29	855.27	855.27	855.27	855.25
10	855.22	855.24	855.23	855.23	855.21	855.21	855.21	855.20
11	855.10	855.12	855.11	855.11	855.10	855.10	855.10	855.08
12	854.95	854.96	854.95	854.95	854.95	854.95	854.95	854.93

*Elevations at Splices are for top of W33x152.

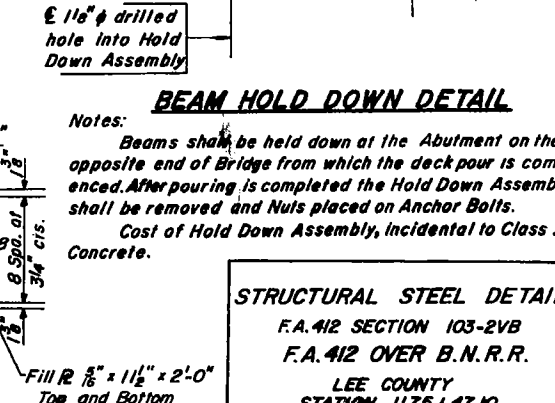
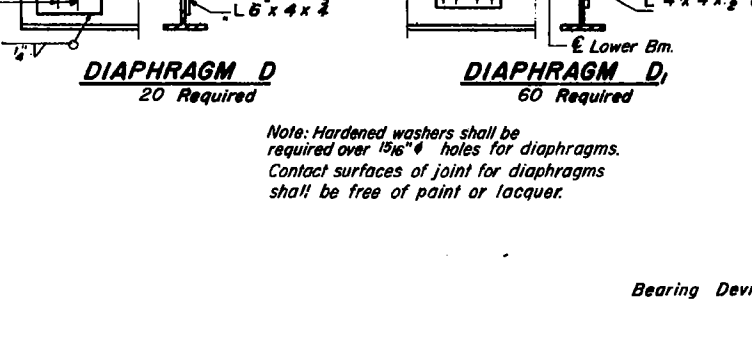
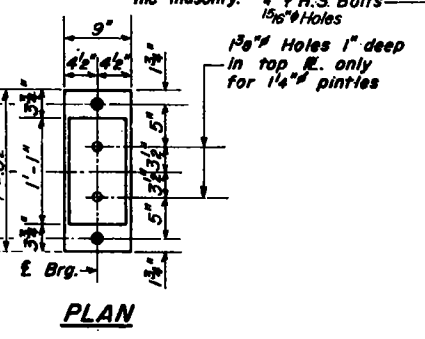
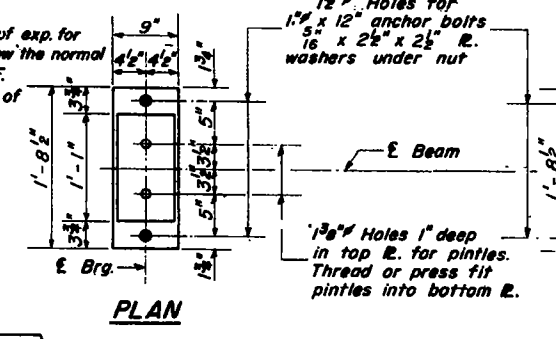
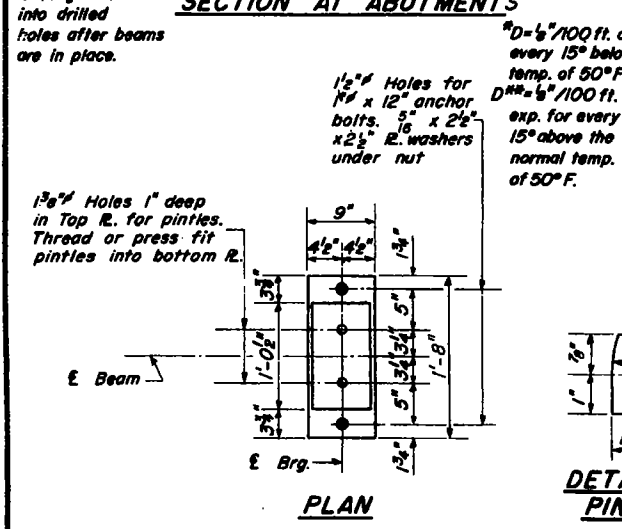
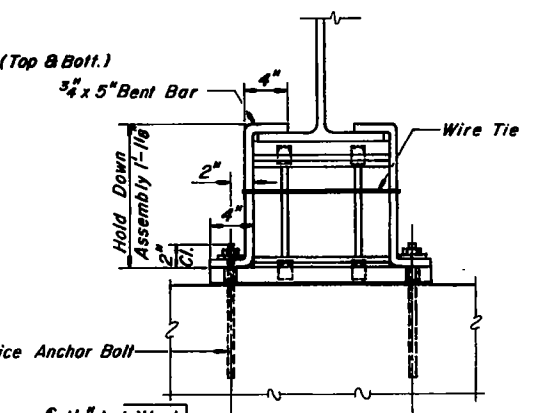
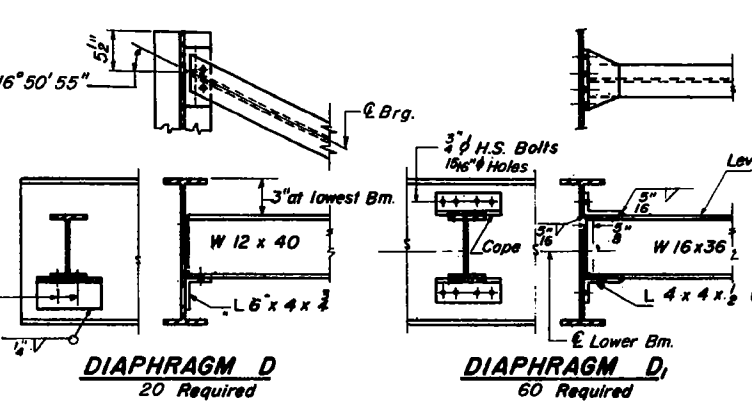
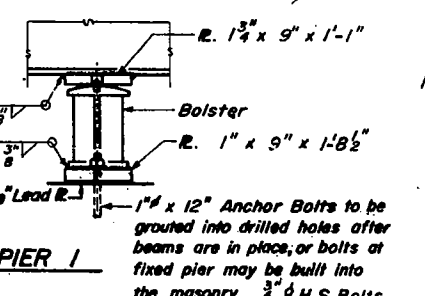
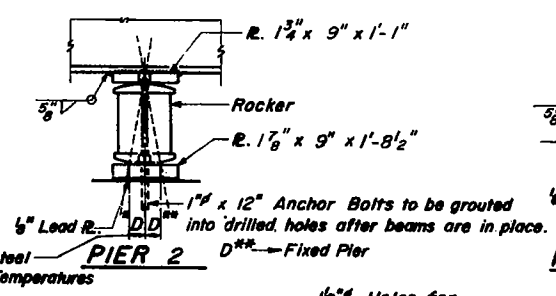
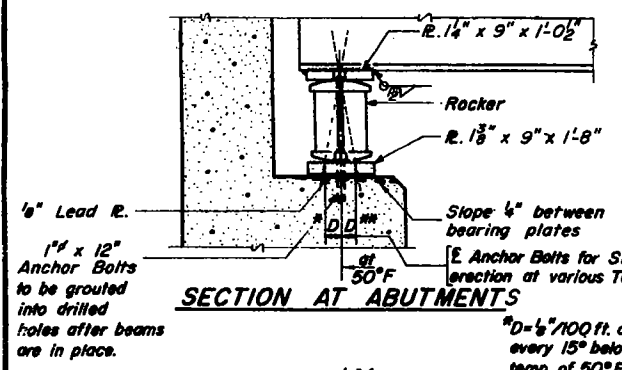
INTERIOR GIRDER MOMENT TABLE

	0.4 Sp. 1 or 3	Pier 1 or 2	0.5 Sp. 2
I_s (in ⁴)	5900	8160	5900
I_c (in ⁴)	16,329	—	16,329
S_s (in ³)	359	487	359
S_c (in ³)	535	—	535
I (in ⁴)	.837	.1497	.837
M_R (in)	122	369	126
I_s non-composite	4.1	9.1	4.2
S_D (in ³)	.321	—	.321
M_R (in)	54	—	68
M_E (in)	335	225	371
M_{mp} (in)	97	63	100
TOTAL (in)	486	288	539
I_s comp (ksi)	10.9	7.1	12.1
I_s TOTAL (ksi)	15.0	16.2	16.3
VR (k)	50.0	—	42.7

INTERIOR GIRDER REACTION TABLE

	Abut	Pier
R_D (k)	20.4	72.2
R_E (k)	37.5	45.6
I_{mp} (k)	10.9	12.8
R_{TOTAL} (k)	68.8	130.6

I_s and S_s are the moment of inertia and section modulus of the steel section used in computing I_s total.
 I_c and S_c are the moment of inertia and section modulus of the composite section used in computing I_s .
 VR is the maximum ℓ + Impact shear range in span used to determine shear connector spacing.



DESIGNED	G J K
CHECKED	R.B.D.
DRAWN	C G L
CHECKED	R.B.D.