

INTERIOR BEAM MOMENT TABLE					
	0.4 Sp. 1	Pier 1	0.5 Sp. 2	Pier 2	0.5 Sp. 3
I_s (in ⁴)	7800	7800	9040	9040	7800
$I_c(n)$ (in ⁴)	22453		24909		22453
$I_c(3n)$ (in ⁴)	16194		17883		16194
$I_c(cr)$ (in ⁴)		10836		12161	
S_s (in ³)	439	439	504	504	439
$S_c(n)$ (in ³)	682		764		682
$S_c(3n)$ (in ³)	610		683		610
$S_c(cr)$ (in ³)		741		807	
$DC1$ (k'/')	0.817	0.817	0.832	0.832	0.817
M_{DC1} ('k)	243	317	115	545	371
$DC2$ (k'/')	0.129	0.129	0.129	0.129	0.129
M_{DC2} ('k)	39	52	17	88	60
DW (k'/')	0.308	0.308	0.308	0.308	0.308
M_{DW} ('k)	94	123	41	209	144
$M_L + IM$ ('k)	598	575	592	778	720
M_u (Strength I) ('k)	1539	1653	1262	2466	2014
* $\phi_f M_n$ ('k)	3448	2633	3787	2967	3317
$f_s DC1$ (ksi)	6.64	8.67	2.74	12.98	10.14
$f_s DC2$ (ksi)	0.77	0.84	0.30	1.31	1.18
$f_s DW$ (ksi)	1.85	1.99	0.72	3.10	2.83
$f_s (L+IM)$ (ksi)	10.51	9.32	9.29	11.55	12.65
f_s (Service II) (ksi)	22.92	23.61	15.81	32.42	30.61
f_s (Total) (Strength) (ksi)	-	-	-	-	-
V_f ('k)	44.62	48.57	29.88	50.17	32.08

* Compact Section

INTERIOR BEAM REACTION TABLE						
	E. Abut.	Pier 1	Pier 2	Pier 3	Pier 4	W. Abut.
R_{DC1} ('k)	20	56	71	71	56	20
R_{DC2} ('k)	3	9	11	11	9	3
R_{DW} ('k)	8	22	27	27	22	8
$R_L + IM$ ('k)	66	99	115	115	99	80
R_{Total} ('k)	97	186	224	224	186	111

*** TOP OF BEAM ELEVATIONS**
(Northbound)

Location	Beam 1	Beam 2	Beam 3	Beam 4	Beam 5	Beam 6	Beam 7
Q Brdg. E. Abut.	692.74	692.82	692.88	692.93	692.85	692.70	692.53
Q Brdg. Pier #1	693.15	693.24	693.32	693.38	693.31	693.17	693.01
Q Splice #1	693.26	693.35	693.43	693.49	693.42	693.29	693.14
Q Brdg. Pier #2	693.54	693.65	693.74	693.81	693.76	693.64	693.49
Q Splice #2	693.63	693.74	693.83	693.91	693.86	693.74	693.60
Q Splice #3	693.62	693.75	693.85	693.94	693.90	693.80	693.67
Q Brdg. Pier #3	693.62	693.75	693.85	693.95	693.91	693.81	693.68
Q Splice #4	693.61	693.75	693.87	693.97	693.95	693.86	693.74
Q Brdg. Pier #4	693.56	693.70	693.83	693.93	693.91	693.82	693.71
Q Brdg. W. Abut.	693.37	693.53	693.66	693.78	693.77	693.70	693.60

*** TOP OF BEAM ELEVATIONS**
(Southbound)

Location	Beam 8	Beam 9	Beam 10	Beam 11	Beam 12	Beam 13	Beam 14
Q Brdg. E. Abut.	692.25	692.31	692.35	692.32	692.16	691.99	691.80
Q Brdg. Pier #1	692.80	692.87	692.92	692.90	692.76	692.60	692.42
Q Splice #1	692.94	693.02	693.07	693.06	692.91	692.76	692.58
Q Brdg. Pier #2	693.35	693.44	693.50	693.50	693.37	693.23	693.06
Q Splice #2	693.47	693.57	693.63	693.64	693.51	693.37	693.21
Q Splice #3	693.60	693.71	693.79	693.80	693.69	693.56	693.41
Q Brdg. Pier #3	693.64	693.74	693.83	693.85	693.73	693.61	693.46
Q Splice #4	693.76	693.87	693.97	694.00	693.90	693.79	693.65
Q Brdg. Pier #4	693.74	693.86	693.96	693.99	693.90	693.79	693.66
Q Brdg. W. Abut.	693.69	693.82	693.93	693.98	693.89	693.79	693.67

* For fabrication use only