GIRDER 1E MOMENT TABLE

		0.4 Span 1	Pier 24	0.5 Span 2	Pier 25	0.5 Span 3	Pier 26	0.5 Span 4	Pier 27	0.6 Span 5
I_s	(in^4)	225,958	490,545	225,958	490,545	225,958	490,545	225,958	490,545	225,958
$I_c(n)$	(in^4)	463,114	514,254	463,114	514,254	463,114	514,254	463,114	514,254	463,114
$I_c(3n)$	(in^4)	339,716	514,254	339,716	514,254	339,716	514,254	339,716	514,254	339,716
S_s	(in^3)	4,589	8,490	4,589	8,490	4,589	8,490	4,589	8,490	4,589
$S_c(n)$	(in^3)	6,052	9,175	6,052	9,175	6,052	9,175	6,052	9,175	6,052
$S_c(3n)$	(in^3)	5,449	9,175	5,449	9,175	5,449	9,175	5,449	9,175	5,449
S_{xt}	(in^3)	121	327	121	327	121	327	121	327	121
DC1	(k/')	1.46	1.75	1.46	1.75	1.46	1.75	1.46	1.75	1.46
M_{DC1}	('k)	4,758	11,419	3,840	11,233	4,187	11,307	3,889	11,696	4,824
DC2	(k/')	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
M_{DC2}	('k)	726	1,551	632	1,549	662	1,564	642	1,584	741
DW	(k/')	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
M_{DW}	('k)	1,383	2,955	1,204	2,950	1,261	2,978	1,224	3,018	1,411
M_{LL+IM}	('k)	6,029	7,248	6,298	7,806	6,562	7,852	6,353	7,344	6,111
M_u (Strength I) *	('k)	20,453	34,995	19,340	35,767	20,408	36,011	19,549	35,678	20,756
M_{bf}	('k)	26	19	24	20	25	22	24	21	26
f_s DC1	(ksi)	12.44	16.14	10.04	15.88	10.95	15.98	10.17	16.53	12.61
f_s DC2	(ksi)	1.60	2.03	1.39	2.03	1.46	2.05	1.41	2.07	1.63
f_s DW	(ksi)	3.05	3.86	2.65	3.86	2.78	3.90	2.69	3.95	3.11
f_s $1.3(LL+IM)$	(ksi)	15.54	12.32	16.23	13.27	16.91	13.35	16.38	12.49	15.75
f_f	(ksi)	2.53	0.71	2.41	0.75	2.53	0.81	2.42	0.76	2.53
f_s (Service II)	(ksi)	32.63	34.36	30.32	35.03	32.10	35.27	30.66	35.04	33.11
f_s (Total)(Strength I)*	(ksi)	45.19	47.35	42.13	48.34	44.57	48.67	42.60	48.28	45.86
F_{cr} (Service II)	(ksi)	36.39	47.54	36.39	47.54	36.39	47.54	36.39	47.54	36.39
V_f	(k)	40.61	58.12	45.39	59.56	48.06	60.42	48.08	60.03	46.35
F_{cr}	(ksi)	50.00	49.70	50.00	49.70	50.00	49.70	50.00	49.70	50.00

* LRFD Strength I Load Combinations include an Operational Importance Factor, η_I = 1.05

GIRDER 2E MOMENT TABLE

		0.4 Span 1	Pier 24	0.5 Span 2	Pier 25	0.5 Span 3	Pier 26	0.5 Span 4	Pier 27	0.6 Span 5
I_s	(in^4)	218,738	429,447	218,738	429,447	218,738	429,447	218,738	429,447	218,738
$I_c(n)$	(in^4)	457,420	455,321	457,420	455,321	457,420	455,321	457,420	455,321	457,420
$I_c(3n)$	(in^4)	336,065	455,321	336,065	455,321	336,065	455,321	336,065	455,321	336,065
S_s	(in^3)	4,343	7,416	4,343	7,416	4,343	7,416	4,343	7,416	4,343
$S_c(n)$	(in^3)	5,794	8,155	5,794	8,155	5,794	8,155	5,794	8,155	5,794
$S_c(3n)$	(in^3)	5,215	8,155	5,215	8,155	5,215	8,155	5,215	8,155	5,215
S_{xt}	(in^3)	100	240	100	240	100	240	100	240	100
DC1	(k/')	1.41	1.64	1.41	1.64	1.41	1.64	1.41	1.64	1.41
M_{DC1}	('k)	4,327	10,430	3,648	10,299	3,938	10,368	3,736	10,645	4,441
DC2	(k/')	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
M_{DC2}	('k)	678	1,466	601	1,471	625	1,484	611	1,494	692
DW	(k/')	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
M_{DW}	('k)	1,291	2,793	1,145	2,802	1,190	2,826	1,164	2,846	1,318
M_{LL+IM}	('k)	4,736	5,685	4,949	6,098	5,146	6,126	4,994	5,752	4,798
M_u (Strength I) *	('k)	17,303	30,458	16,475	31,068	17,318	31,264	16,715	30,985	17,629
M_{bf}	('k)	21	17	21	17	21	19	21	18	22
f_s DC1	(ksi)	11.96	16.88	10.08	16.67	10.88	16.78	10.32	17.23	12.27
f_s DC2	(ksi)	1.56	2.16	1.38	2.16	1.44	2.18	1.41	2.20	1.59
f_s DW	(ksi)	2.97	4.11	2.64	4.12	2.74	4.16	2.68	4.19	3.03
f_s $1.3(LL+IM)$	(ksi)	12.75	10.88	13.33	11.66	13.85	11.72	13.45	11.00	12.92
f_f	(ksi)	2.57	0.84	2.47	0.87	2.56	0.95	2.48	0.89	2.58
f_s (Service II)	(ksi)	29.24	34.02	27.43	34.62	28.91	34.84	27.85	34.61	29.82
f_s (Total)(Strength I)*	(ksi)	40.44	46.83	38.03	47.70	40.06	48.00	38.62	47.64	41.23
F_{cr} (Service II)	(ksi)	37.79	47.77	37.79	47.77	37.79	47.77	37.79	47.77	37.79
V_f	(k)	22.98	35.63	26.24	37.98	26.25	38.40	28.10	38.39	27.39
F_{cr}	(ksi)	50.00	49.60	50.00	49.60	50.00	49.60	50.00	49.60	50.00

* LRFD Strength I Load Combinations include an Operational Importance Factor, η_I = 1.05

GIRDER 3E MOMENT TABLE

		0.4 Span 1	Pier 24	0.5 Span 2	Pier 25	0.5 Span 3	Pier 26	0.5 Span 4	Pier 27	0.6 Span 5
I_s	(in^4)	211,175	398,895	211,175	398,895	211,175	398,895	211,175	398,895	211,175
$I_c(n)$	(in^4)	438,834	424,785	438,834	424,785	438,834	424,785	438,834	424,785	438,834
$I_c(3n)$	(in^4)	323,671	424,785	323,671	424,785	323,671	424,785	323,671	424,785	323,671
S_s	(in^3)	4,097	6,879	4,097	6,879	4,097	6,879	4,097	6,879	4,097
$S_c(n)$	(in^3)	5,487	7,613	5,487	7,613	5,487	7,613	5,487	7,613	5,487
$S_c(3n)$	(in^3)	4,933	7,613	4,933	7,613	4,933	7,613	4,933	7,613	4,933
S_{xt}	(in^3)	81	202	81	202	81	202	81	202	81
DC1	(k/')	1.40	1.61	1.40	1.61	1.40	1.61	1.40	1.61	1.40
M_{DC1}	('k)	3,914	9,641	3,384	9,593	3,532	9,664	3,390	9,845	3,993
DC2	(k/')	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
M_{DC2}	('k)	619	1,367	562	1,380	577	1,392	570	1,393	631
DW	(k/')	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
M_{DW}	('k)	1,179	2,603	1,071	2,629	1,099	2,651	1,085	2,653	1,202
M_{LL+IM}	('k)	3,830	4,716	4,005	5,002	4,134	5,024	4,034	4,768	3,873
M_u (Strength I) *	('k)	14,845	27,213	14,225	27,732	14,721	27,916	14,319	27,690	15,079
M_{bf}	('k)	18	15	18	15	18	17	18	16	18
f_s DC1	(ksi)	11.47	16.82	9.91	16.73	10.35	16.86	9.93	17.18	11.70
f_s DC2	(ksi)	1.51	2.15	1.37	2.18	1.40	2.19	1.39	2.20	1.53
f_s DW	(ksi)	2.87	4.10	2.60	4.14	2.67	4.18	2.64	4.18	2.92
f_s $1.3(LL+IM)$	(ksi)	10.89	9.66	11.39	10.25	11.75	10.30	11.47	9.77	11.01
f_f	(ksi)	2.71	0.89	2.61	0.92	2.68	1.00	2.61	0.94	2.70
f_s (Service II)	(ksi)	26.73	32.74	25.27	33.30	26.18	33.53	25.42	33.32	27.17
f_s (Total)(Strength I)*	(ksi)	36.93	45.03	35.00	45.83	36.25	46.14	35.22	45.82	37.54
F_{cr} (Service II)	(ksi)	39.35	47.91	39.35	47.91	39.35	47.91	39.35	47.91	39.35
V_f	(k)	27.24	39.97	29.71	42.41	29.66	42.78	31.58	42.42	32.63
F_{cr}	(ksi)	50.00	49.60	50.00	49.60	50.00	49.60	50.00	49.60	50.00

* LRFD Strength I Load Combinations include an Operational Importance Factor, η_I = 1.05

GIRDER 4E MOMENT TABLE

		0.4 Span 1	Pier 24	0.5 Span 2	Pier 25	0.5 Span 3	Pier 26	0.5 Span 4	Pier 27	0.6 Span 5
I_s	(in^4)	211,175	398,895	211,175	398,895	211,175	398,895	211,175	398,895	211,175
$I_c(n)$	(in^4)	438,834	424,785	438,834	424,785	438,834	424,785	438,834	424,785	438,834
$I_c(3n)$	(in^4)	323,671	424,785	323,671	424,785	323,671	424,785	323,671	424,785	323,671
S_s	(in^3)	4,097	6,879	4,097	6,879	4,097	6,879	4,097	6,879	4,097
$S_c(n)$	(in^3)	5,487	7,613	5,487	7,613	5,487	7,613	5,487	7,613	5,487
$S_c(3n)$	(in^3)	4,933	7,613	4,933	7,613	4,933	7,613	4,933	7,613	4,933
S_{xt}	(in^3)	81	202	81	202	81	202	81	202	81
DC1	(k/')	1.40	1.61	1.40	1.61	1.40	1.61	1.40	1.61	1.40
M_{DC1}	('k)	3,804	9,519	3,337	9,502	3,453	9,611	3,394	9,701	3,868
DC2	(k/')	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
M_{DC2}	('k)	588	1,337	548	1,353	557	1,368	556	1,360	599
DW	(k/')	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
M_{DW}	('k)	1,120	2,546	1,045	2,578	1,061	2,605	1,060	2,590	1,141
M_{LL+IM}	('k)	3,861	4,850	4,066	5,149	4,178	5,181	4,096	4,903	3,902
M_u (Strength I) *	('k)	14,623	27,170	14,217	27,769	14,612	28,034	14,381	27,607	14,828
M_{bf}	('k)	18	15	18	15	18	17	18	16	18
f_s DC1	(ksi)	11.14	16.61	9.78	16.58	10.12	16.77	9.94	16.92	11.33
f_s DC2	(ksi)	1.43	2.11	1.33	2.13	1.35	2.16	1.35	2.14	1.46
f_s DW	(ksi)	2.73	4.01	2.54	4.06	2.58	4.11	2.58	4.08	2.77
f_s $1.3(LL+IM)$	(ksi)	10.98	9.94	11.56	10.55	11.88	10.62	11.65	10.05	11.09
f_f	(ksi)	2.65	0.88	2.61	0.92	2.65	1.00	2.61	0.94	2.65
f_s (Service II)	(ksi)	26.27	32.67	25.21	33.32	25.93	33.65	25.52	33.20	26.65
f_s (Total)(Strength I)*	(ksi)	36.31	44.93	34.92	45.87	35.91	46.31	35.35	45.66	36.83
F_{cr} (Service II)	(ksi)	39.35	47.91	39.35	47.91	39.35	47.91	39.35	47.91	39.35
V_f	(k)	25.46	37.49	28.54	39.50	28.49	39.76	29.97	39.41	30.45
F_{cr}	(ksi)	50.00	49.60	50.00	49.60	50.00	49.60	50.00	49.60	50.00

* LRFD Strength I Load Combinations include an Operational Importance Factor, η_I = 1.05