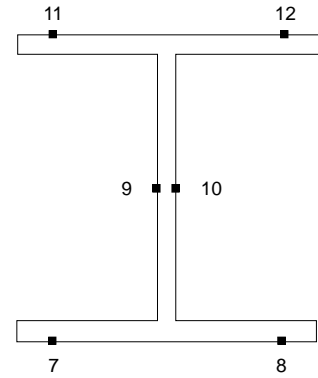


TIME MINS	STRAIN IN MICRO STRAIN					
	LOWER (N) FLANGE (S)		WEB (N) (S)		UPPER (N) FLANGE (S)	
	7	8	9	10	11	12
0.0	-17	-56	-33	-35	-8	-53
0.5	-17	-56	-33	-35	-8	-53
1.0	-16	-55	-33	-35	-7	-53
1.5	-16	-55	-32	-35	-7	-52
2.0	-15	-57	-32	-35	-6	-54
2.5	-12	-61	-32	-35	-4	-57
3.0	-9	-65	-32	-35	0	-62
3.5	-5	-70	-32	-35	4	-67
4.0	-1	-75	-32	-36	8	-72
4.5	3	-80	-32	-36	13	-78
5.0	7	-84	-32	-36	17	-84
5.5	11	-89	-32	-36	21	-89
6.0	14	-93	-32	-36	26	-94
6.5	18	-98	-32	-37	30	-98
7.0	21	-103	-31	-36	35	-103
7.5	25	-107	-31	-36	39	-107
8.0	27	-111	-31	-36	43	-110
8.5	29	-114	-30	-36	46	-112
9.0	32	-119	-30	-35	49	-116
9.5	35	-122	-30	-35	54	-119
10.0	38	-127	-29	-35	58	-122
10.5	40	-130	-29	-35	61	-123
11.0	42	-134	-29	-35	64	-125
11.5	44	-137	-28	-35	67	-127
12.0	46	-140	-27	-34	68	-127
12.5	48	-142	-27	-34	71	-129
13.0	49	-144	-27	-33	72	-129
13.5	51	-145	-26	-33	73	-129
14.0	52	-147	-26	-33	74	-129
14.5	53	-148	-26	-32	74	-129
15.0	54	-149	-25	-32	75	-129
15.5	55	-150	-25	-32	75	-128
16.0	55	-150	-25	-32	75	-128
16.5	55	-150	-24	-31	75	-127
17.0	56	-151	-24	-30	75	-127
17.5	56	-151	-23	-30	75	-126
18.0	57	-151	-23	-29	75	-126
18.5	58	-151	-22	-29	75	-125
19.0	58	-151	-22	-28	75	-125
19.5	59	-151	-21	-28	75	-124
20.0	59	-151	-21	-28	74	-123
20.5	59	-151	-20	-27	74	-123
21.0	60	-151	-20	-27	74	-123
21.5	60	-151	-20	-27	74	-123
22.0	60	-150	-19	-26	74	-122
22.5	61	-150	-19	-26	74	-122
23.0	61	-150	-19	-25	73	-122
23.5	62	-149	-18	-25	74	-121
24.0	62	-149	-18	-25	73	-121
24.5	63	-148	-18	-24	73	-121
25.0	63	-148	-17	-24	73	-120
25.5	63	-147	-17	-24	72	-120
26.0	63	-147	-16	-23	72	-120
26.5	64	-146	-16	-23	72	-120
27.0	64	-146	-16	-23	72	-120
27.5	64	-145	-16	-22	72	-120
28.0	65	-144	-15	-22	71	-119
28.5	66	-143	-15	-21	71	-120
29.0	66	-142	-14	-21	70	-119
29.5	66	-142	-14	-22	69	-119
30.0	67	-141	-13	-20	69	-119
30.5	68	-140	-13	-20	69	-119
31.0	68	-140	-13	-19	69	-119
31.5	69	-139	-12	-19	69	-119
32.0	70	-139	-12	-19	69	-119
32.5	71	-141	-12	-19	70	-120



**Strain Measurements Located At C2 On Column D2
(300 mm Below Test Beam)**

Table 2.1

33.0	74	-142	-12	-19	70	-121
33.5	76	-146	-12	-18	71	-122
34.0	80	-149	-12	-18	73	-123
34.5	84	-152	-11	-17	75	-126
35.0	88	-155	-10	-17	77	-129
35.5	92	-160	-10	-17	80	-132
36.0	96	-163	-10	-17	83	-136
36.5	98	-167	-10	-17	86	-138
37.0	103	-171	-10	-16	89	-142
37.5	108	-175	-9	-16	93	-146
38.0	112	-180	-9	-15	97	-150
38.5	117	-184	-8	-15	101	-155
39.0	122	-189	-8	-15	105	-159
39.5	126	-193	-8	-15	109	-163
40.0	131	-198	-7	-15	113	-168
40.5	138	-204	-7	-14	118	-174
41.0	146	-212	-6	-14	125	-182
41.5	154	-220	-6	-13	132	-189
42.0	162	-227	-5	-13	138	-196
42.5	169	-234	-5	-12	144	-203
43.0	176	-242	-4	-11	151	-210
43.5	184	-249	-4	-11	157	-216
44.0	191	-257	-3	-10	163	-223
44.5	199	-265	-2	-10	171	-231
45.0	206	-272	-2	-9	177	-238
45.5	214	-281	-1	-9	185	-246
46.0	222	-290	-1	-8	193	-254
46.5	230	-298	0	-7	200	-262
47.0	238	-305	0	-7	206	-269
47.5	245	-313	2	-6	214	-277
48.0	253	-321	3	-5	221	-284
48.5	260	-328	4	-4	227	-291
49.0	267	-335	5	-3	233	-297
49.5	273	-341	6	-2	239	-304
50.0	280	-349	8	0	246	-312
50.5	287	-355	9	1	252	-319
51.0	294	-363	11	2	259	-326
51.5	300	-370	13	4	265	-333
52.0	309	-379	15	5	273	-343
52.5	318	-387	17	7	280	-351
53.0	326	-395	19	9	288	-360
53.5	333	-403	21	10	294	-367
54.0	340	-410	23	11	300	-374
54.5	346	-416	25	13	305	-380
55.0	351	-422	27	14	310	-385
55.5	356	-427	29	15	315	-389
56.0	361	-432	30	17	318	-394
56.5	365	-436	32	18	322	-398
57.0	369	-441	34	19	325	-402
57.5	373	-444	35	20	327	-404
58.0	376	-447	36	21	329	-407
58.5	378	-450	38	22	331	-409
59.0	380	-452	39	23	333	-410
59.5	383	-456	40	24	334	-413
60.0	386	-457	41	25	335	-415
60.5	388	-459	43	27	336	-417
61.0	390	-461	44	27	337	-418
61.5	392	-463	45	28	338	-420
62.0	393	-465	46	30	339	-422
62.5	394	-466	47	31	339	-422
63.0	395	-467	48	32	340	-423
63.5	396	-467	49	33	340	-424
64.0	397	-467	50	34	340	-425
64.5	398	-467	50	34	340	-425
65.0	398	-467	51	35	339	-427
65.5	398	-467	51	36	340	-427
66.0	398	-467	52	36	339	-427
66.5	398	-467	52	37	340	-427
67.0	397	-466	52	37	339	-427
67.5	397	-465	53	38	339	-427

**Strain Measurements Located At C2 On Column D2
(300 mm Below Test Beam)**

Table 2.1

68.0	396	-463	53	38	338	-427
68.5	394	-462	53	38	338	-428
69.0	395	-462	53	39	340	-429
69.5	398	-465	54	39	339	-431
70.0	394	-461	54	40	336	-429
70.5	385	-451	54	41	333	-427
71.0	373	-438	54	41	329	-424
71.5	359	-423	54	41	325	-420
72.0	344	-407	53	41	320	-415
72.5	329	-391	52	41	314	-409
73.0	316	-377	51	41	308	-402
73.5	304	-365	51	40	303	-397
74.0	293	-353	51	40	297	-390
74.5	283	-343	50	39	290	-384
75.0	274	-333	49	38	284	-376
75.5	267	-326	49	38	278	-369
76.0	261	-319	48	37	272	-363
76.5	256	-313	48	37	266	-357
77.0	250	-306	47	36	260	-350
77.5	245	-301	47	36	255	-345
78.0	241	-296	46	35	250	-340
78.5	238	-292	46	35	245	-335
79.0	234	-287	45	34	240	-330
79.5	231	-284	45	34	236	-325
80.0	228	-280	44	34	232	-320
80.5	226	-277	44	34	227	-315
81.0	223	-273	44	33	223	-311
81.5	221	-271	43	33	219	-307
82.0	219	-268	43	33	216	-303
82.5	216	-265	43	33	213	-299
83.0	215	-263	43	32	210	-296
83.5	212	-260	42	32	206	-292
84.0	211	-258	42	32	203	-288
84.5	209	-256	42	32	201	-285
85.0	207	-254	41	31	198	-282
85.5	206	-252	41	31	195	-279
86.0	205	-250	41	31	193	-277
86.5	204	-248	40	30	190	-274
87.0	203	-246	40	30	188	-271
87.5	202	-244	39	30	185	-268
88.0	201	-243	39	29	184	-266
88.5	201	-242	38	29	182	-264
89.0	200	-241	38	28	180	-262
89.5	199	-239	38	28	179	-259
90.0	198	-238	37	27	177	-257
90.5	197	-237	36	27	176	-255
91.0	196	-235	36	26	174	-253
91.5	195	-234	35	26	173	-250
92.0	194	-233	35	25	172	-248
92.5	194	-232	34	24	171	-247
93.0	193	-231	34	24	170	-244
93.5	193	-230	33	24	170	-242
94.0	192	-229	33	23	169	-240
94.5	191	-228	32	23	168	-237
95.0	190	-227	32	22	168	-236
95.5	189	-226	31	22	167	-234
96.0	189	-225	31	22	166	-232
96.5	188	-225	31	21	166	-230
97.0	187	-223	30	21	164	-228
97.5	186	-222	30	20	163	-226
98.0	186	-221	30	20	162	-225
98.5	185	-221	29	19	162	-223
99.0	185	-220	28	19	161	-221
99.5	184	-220	28	18	161	-220
100.0	183	-218	27	17	160	-218
100.5	183	-218	27	17	159	-217
101.0	183	-217	26	16	159	-216
101.5	182	-216	25	15	158	-214
102.0	182	-216	25	15	158	-213
102.5	181	-216	24	14	158	-213

**Strain Measurements Located At C2 On Column D2
(300 mm Below Test Beam)**

Table 2.1

103.0	181	-215	23	13	158	-212
103.5	180	-215	23	12	157	-211
104.0	179	-214	22	11	157	-209
104.5	178	-214	21	10	157	-207
105.0	177	-213	20	9	157	-206
105.5	177	-212	19	9	156	-205
106.0	177	-211	18	7	154	-205
106.5	176	-211	17	6	154	-204
107.0	176	-210	16	5	153	-203
107.5	175	-209	15	4	153	-202
108.0	175	-209	14	3	153	-201
108.5	175	-208	13	1	152	-200
109.0	174	-207	11	1	152	-200
109.5	173	-206	10	0	151	-198
110.0	172	-204	10	-1	150	-197
110.5	171	-203	9	-3	150	-196
111.0	170	-202	8	-4	149	-195
111.5	170	-202	7	-5	149	-194
112.0	169	-200	5	-6	148	-193
112.5	168	-199	4	-8	147	-192
113.0	168	-198	3	-8	146	-191
113.5	167	-197	1	-10	145	-190
114.0	166	-195	0	-11	144	-188
114.5	166	-194	-1	-12	143	-187
115.0	166	-193	-2	-14	142	-187
115.5	165	-192	-3	-15	141	-186
116.0	165	-191	-4	-16	140	-185
116.5	165	-190	-5	-18	140	-184
117.0	165	-190	-7	-19	140	-184
117.5	164	-189	-8	-21	139	-183
118.0	164	-188	-10	-22	139	-183
118.5	164	-187	-11	-24	138	-183
119.0	164	-186	-13	-26	138	-183
119.5	164	-186	-14	-27	138	-183
120.0	164	-185	-16	-29	137	-183
120.5	163	-185	-17	-30	138	-182
121.0	163	-184	-19	-31	138	-182
121.5	163	-184	-20	-33	137	-182
122.0	163	-183	-21	-34	137	-183
122.5	164	-183	-23	-36	137	-183
123.0	163	-182	-24	-37	137	-183
123.5	162	-182	-26	-39	137	-183
124.0	163	-182	-27	-40	137	-183
124.5	164	-181	-28	-41	137	-184
125.0	164	-181	-29	-43	137	-184
125.5	164	-181	-30	-44	136	-184
126.0	164	-180	-31	-45	136	-184
126.5	164	-180	-32	-45	136	-184
127.0	164	-180	-33	-47	136	-185
127.5	164	-180	-34	-48	136	-185
128.0	164	-179	-35	-49	136	-185
128.5	164	-180	-36	-50	136	-186
129.0	164	-179	-37	-51	136	-186
129.5	165	-179	-38	-52	135	-187
130.0	164	-178	-39	-53	135	-187
130.5	164	-178	-40	-53	136	-187
131.0	164	-177	-41	-55	135	-187
131.5	165	-178	-41	-55	135	-188
132.0	165	-177	-42	-56	135	-189
132.5	165	-177	-43	-57	135	-189
133.0	165	-177	-44	-58	135	-189
133.5	165	-175	-45	-59	134	-189
134.0	164	-176	-46	-60	135	-190
134.5	165	-176	-46	-61	134	-190
135.0	164	-175	-47	-62	134	-190
135.5	164	-174	-48	-62	134	-190
136.0	164	-174	-48	-63	133	-191
136.5	164	-173	-49	-64	133	-191
137.0	163	-172	-50	-65	132	-191
137.5	163	-171	-50	-66	132	-190

**Strain Measurements Located At C2 On Column D2
(300 mm Below Test Beam)**

Table 2.1

138.0	163	-169	-51	-67	131	-190
138.5	163	-169	-52	-68	131	-190
139.0	164	-167	-52	-69	131	-191
139.5	163	-166	-53	-70	130	-191
140.0	164	-165	-54	-71	130	-191
140.5	163	-164	-55	-72	130	-191
141.0	164	-164	-55	-73	131	-192
141.5	165	-163	-56	-74	131	-193
142.0	165	-153	-57	-79	131	-196
142.5	165	-145	-55	-81	131	-197
143.0	166	-143	-54	-81	132	-198
143.5	166	-140	-53	-81	132	-198
144.0	166	-138	-52	-81	132	-199
144.5	166	-135	-51	-82	133	-200
145.0	167	-131	-49	-82	132	-200
145.5	167	-128	-48	-82	133	-200
146.0	167	-124	-46	-82	133	-201
146.5	166	-120	-44	-82	133	-201
147.0	167	-115	-42	-82	134	-201
147.5	166	-111	-39	-82	134	-201
148.0	166	-105	-37	-81	134	-201
148.5	166	-100	-34	-81	135	-202
149.0	166	-95	-31	-81	135	-202
149.5	166	-89	-27	-80	135	-202
150.0	165	-82	-23	-80	135	-201
150.5	165	-75	-19	-79	135	-201
151.0	165	-68	-15	-78	135	-201
151.5	164	-61	-11	-77	135	-201
152.0	164	-53	-6	-76	134	-200
152.5	164	-45	-1	-74	134	-201
153.0	163	-38	4	-73	134	-201
153.5	163	-30	9	-71	134	-200
154.0	163	-23	15	-70	133	-200
154.5	163	-15	21	-68	133	-200
155.0	163	-8	26	-66	133	-199
155.5	162	-1	33	-63	132	-198
156.0	161	6	39	-61	132	-198
156.5	162	13	46	-58	132	-197
157.0	161	19	53	-56	132	-197
157.5	161	25	60	-53	131	-196
158.0	161	30	67	-50	131	-195
158.5	161	34	75	-47	131	-194
159.0	160	39	82	-44	131	-193
159.5	160	43	90	-40	131	-192
160.0	160	47	97	-37	130	-190
160.5	159	51	104	-33	130	-189
161.0	159	54	111	-30	130	-188
161.5	158	57	118	-27	131	-186
162.0	158	61	125	-22	131	-185
162.5	158	64	132	-18	130	-183
163.0	158	67	139	-15	130	-181
163.5	153	73	145	-11	124	-174
164.0	145	81	151	-7	112	-163
174.0	140	109	218	58	82	-137
184.0	138	112	223	63	76	-133
194.0	91	166	243	79	11	-89
204.0	84	177	249	85	0	-82
214.0	82	181	251	88	-5	-80
224.0	61	237	281	122	-56	-47
234.0	60	278	301	146	-85	-27
244.0	62	307	316	164	-105	-13
254.0	70	321	325	174	-113	-7
264.0	80	325	330	180	-116	-6
274.0	99	309	334	182	-111	-10
284.0	107	305	335	185	-110	-12
294.0	110	305	335	185	-112	-12
304.0	111	305	336	186	-112	-11
314.0	113	302	336	186	-111	-13
324.0	117	295	335	185	-108	-18

**Strain Measurements Located At C2 On Column D2
(300 mm Below Test Beam)**

Table 2.1

334.0	135	271	336	185	-87	-43
344.0	133	271	335	184	-89	-42
354.0	130	270	334	183	-90	-41
364.0	128	270	333	182	-92	-40
374.0	126	268	331	181	-92	-40
384.0	124	267	330	179	-92	-41
394.0	123	265	329	179	-91	-42
404.0	122	263	328	177	-90	-43
414.0	121	261	327	177	-89	-44
424.0	120	259	326	176	-88	-45
434.0	118	257	325	175	-88	-45
444.0	117	256	324	174	-88	-45
454.0	115	255	324	173	-88	-45
464.0	114	254	323	173	-88	-44
474.0	112	253	323	172	-87	-44
484.0	111	252	322	171	-87	-43
494.0	110	251	322	171	-86	-43
504.0	109	250	321	170	-86	-42
514.0	108	249	320	169	-85	-42
524.0	106	248	320	169	-85	-41
534.0	105	248	319	168	-84	-41
544.0	104	247	319	168	-83	-40
554.0	103	246	319	167	-83	-40
564.0	102	245	318	167	-83	-39
574.0	101	244	318	166	-82	-39
584.0	100	244	317	166	-81	-38
594.0	99	243	317	165	-81	-38
604.0	99	242	317	165	-80	-38
614.0	98	241	316	164	-80	-38
624.0	98	240	316	164	-79	-38
634.0	97	240	315	163	-78	-38
644.0	96	239	315	163	-78	-38
654.0	96	238	314	162	-78	-38
664.0	95	237	314	162	-77	-38
674.0	94	236	313	161	-77	-38
684.0	91	237	312	159	-78	-38
694.0	86	240	311	159	-79	-36
704.0	85	240	310	158	-79	-36
714.0	84	240	310	158	-80	-35
724.0	83	240	309	157	-80	-35
734.0	82	240	309	157	-80	-34
744.0	81	240	309	156	-80	-34
754.0	80	239	308	156	-81	-34
764.0	79	239	308	156	-81	-33
774.0	78	239	307	155	-81	-33
784.0	77	238	307	155	-81	-33
794.0	76	238	306	155	-81	-33
804.0	75	237	306	154	-81	-33
814.0	74	237	306	154	-81	-33
824.0	73	236	305	153	-81	-32
834.0	73	236	305	153	-81	-32
844.0	72	235	304	153	-82	-32
854.0	71	235	304	152	-82	-32
864.0	71	235	304	152	-82	-31
874.0	70	234	303	152	-82	-32
884.0	69	234	303	151	-82	-31
894.0	68	233	303	151	-82	-31
904.0	67	233	302	150	-82	-31
914.0	67	233	302	150	-82	-31
924.0	66	232	302	150	-82	-30
934.0	66	232	302	150	-82	-30
944.0	65	232	301	149	-82	-30
954.0	65	231	301	149	-82	-30
964.0	64	231	301	149	-82	-30
974.0	61	228	300	147	-81	-29
984.0	62	229	300	148	-81	-28
994.0	61	230	300	148	-81	-27
1004.0	60	229	299	148	-81	-27
1014.0	59	228	299	147	-80	-26
1024.0	59	228	300	148	-80	-25

**Strain Measurements Located At C2 On Column D2
(300 mm Below Test Beam)**

Table 2.1

1034.0	59	228	300	148	-79	-25
--------	----	-----	-----	-----	-----	-----

**Strain Measurements Located At C2 On Column D2
(300 mm Below Test Beam)**

Table 2.1