

TIME MINS	RELATIVE DISPLACEMENT
	V1N - V1S IN MM
0.0	0.000
0.5	-0.010
1.0	0.010
1.5	0.000
2.0	-0.390
2.5	-1.740
3.0	-1.255
3.5	-0.785
4.0	-0.545
4.5	-0.485
5.0	-0.360
5.5	-0.370
6.0	-0.375
6.5	-0.360
7.0	-0.405
7.5	-0.300
8.0	-0.280
8.5	-0.345
9.0	-0.270
9.5	-0.415
10.0	-0.290
10.5	-0.300
11.0	-0.235
11.5	-0.265
12.0	-0.210
12.5	-0.200
13.0	-0.130
13.5	-0.080
14.0	-0.070
14.5	-0.130
15.0	-0.040
15.5	0.020
16.0	-0.070
16.5	-0.015
17.0	0.010
17.5	0.020
18.0	-0.035
18.5	-0.020
19.0	-0.020
19.5	-0.085
20.0	-0.010
20.5	-0.125
21.0	-0.055
21.5	-0.230
22.0	-0.210
22.5	-0.280
23.0	-0.235
23.5	-0.205
24.0	-0.350
24.5	-0.240
25.0	-0.310
25.5	-0.415
26.0	-0.475
26.5	-0.560
27.0	-0.605
27.5	-0.655
28.0	-0.695
28.5	-0.625
29.0	-0.815
29.5	-0.760
30.0	-0.655
30.5	-0.690
31.0	-0.870
31.5	-0.815
32.0	-0.940

**Relative Vertical Displacement Between the Two Sides  
of the Lower Flange at Grid Line 1**

**Table 2.1**

32.5	-0.765
33.0	-0.910
33.5	-0.750
34.0	-0.755
34.5	-0.660
35.0	-0.585
35.5	-0.605
36.0	-0.555
36.5	-0.720
37.0	-0.570
37.5	-0.710
38.0	-0.635
38.5	-0.630
39.0	-0.645
39.5	-0.640
40.0	-0.640
40.5	-1.060
41.0	-0.865
41.5	-0.805
42.0	-0.780
42.5	-0.795
43.0	-0.755
43.5	-0.795
44.0	-0.975
44.5	-0.880
45.0	-0.795
45.5	-1.060
46.0	-0.895
46.5	-1.015
47.0	-0.945
47.5	-0.845
48.0	-0.985
48.5	-0.995
49.0	-0.805
49.5	-0.815
50.0	-1.055
50.5	-0.710
51.0	-0.565
51.5	-0.675
52.0	-1.045
52.5	-0.555
53.0	-0.220
53.5	-0.115
54.0	0.120
54.5	0.200
55.0	0.425
55.5	0.430
56.0	0.595
56.5	0.615
57.0	0.780
57.5	0.800
58.0	0.850
58.5	1.020
59.0	1.185
59.5	1.070
60.0	1.040
60.5	1.455
61.0	1.865
61.5	1.490
62.0	1.840
62.5	2.380
63.0	2.500
63.5	2.925
64.0	2.925
64.5	3.515
65.0	3.615
65.5	3.970
66.0	4.240
66.5	4.670
67.0	4.880

**Relative Vertical Displacement Between the Two Sides  
of the Lower Flange at Grid Line 1**

**Table 2.1**

67.5	5.320
68.0	5.530
68.5	6.020
69.0	6.295
69.5	4.605
70.0	7.515
70.5	9.280
71.0	11.140
71.5	12.615
72.0	14.660
72.5	15.865
73.0	17.840
73.5	19.955
74.0	21.095
74.5	22.960
75.0	25.230
75.5	26.705
76.0	28.175
76.5	29.795
77.0	31.340
77.5	32.735
78.0	34.825
78.5	35.865
79.0	37.315
79.5	38.705
80.0	39.925
80.5	40.750
81.0	41.880
81.5	43.320
82.0	44.070
82.5	44.970
83.0	46.095
83.5	47.005
84.0	47.775
84.5	48.290
85.0	49.270
85.5	49.975
86.0	50.705
86.5	51.255
87.0	52.020
87.5	53.260
88.0	53.840
88.5	54.650
89.0	55.035
89.5	55.610
90.0	56.270
90.5	56.940
91.0	57.495
91.5	58.535
92.0	59.040
92.5	59.670
93.0	60.275
93.5	60.935
94.0	61.465
94.5	61.885
95.0	62.250
95.5	62.955
96.0	63.680
96.5	63.950
97.0	64.555
97.5	65.150
98.0	65.700
98.5	66.105
99.0	66.730
99.5	66.970
100.0	67.570
100.5	67.965
101.0	68.465
101.5	69.115
102.0	69.300

**Relative Vertical Displacement Between the Two Sides  
of the Lower Flange at Grid Line 1**

**Table 2.1**

102.5	69.990
103.0	70.305
103.5	70.815
104.0	71.390
104.5	71.745
105.0	72.370
105.5	72.435
106.0	73.140
106.5	73.375
107.0	73.790
107.5	74.235
108.0	74.715
108.5	75.025
109.0	75.355
109.5	76.065
110.0	76.180
110.5	76.850
111.0	77.145
111.5	77.605
112.0	77.915
112.5	78.175
113.0	78.345
113.5	79.060
114.0	79.045
114.5	79.370
115.0	79.325
115.5	79.590
116.0	79.625
116.5	79.865
117.0	79.845
117.5	79.880
118.0	80.010
118.5	80.335
119.0	80.440
119.5	80.575
120.0	80.565
120.5	80.880
121.0	80.940
121.5	80.895
122.0	81.010
122.5	81.150
123.0	81.145
123.5	81.510
124.0	81.435
124.5	81.385
125.0	81.665
125.5	81.660
126.0	81.570
126.5	81.775
127.0	81.825
127.5	81.705
128.0	82.015
128.5	82.120
129.0	82.175
129.5	82.225
130.0	82.160
130.5	82.300
131.0	82.270
131.5	82.130
132.0	82.415
132.5	82.365
133.0	82.310
133.5	82.285
134.0	82.460
134.5	82.260
135.0	82.200
135.5	82.265
136.0	82.405
136.5	82.735
137.0	82.185

**Relative Vertical Displacement Between the Two Sides  
of the Lower Flange at Grid Line 1**

**Table 2.1**

137.5	82.050
138.0	81.885
138.5	81.935
139.0	81.685
139.5	81.685
140.0	81.810
140.5	81.685
141.0	81.820
141.5	81.985
142.0	80.140
142.5	81.130
143.0	82.370
143.5	82.640
144.0	82.755
144.5	82.760
145.0	82.975
145.5	83.025
146.0	83.065
146.5	83.340
147.0	83.240
147.5	83.475
148.0	83.600
148.5	83.740
149.0	83.955
149.5	83.660
150.0	84.130
150.5	84.385
151.0	84.520
151.5	84.530
152.0	84.300
921.5	88.500

**Relative Vertical Displacement Between the Two Sides  
of the Lower Flange at Grid Line 1**

**Table 2.1**