



- NOTES**
- For General Notes see Std. Dwg. SCB-D1-62.
  - For Structural Steel Details not shown see Std. Dwg. SCB-D2-62, Details A, B, & C; SCB-D3-62, Details A, B, C, & E; SCB-D7-62, Details A, B, C, D, & E; SCB-D8-62, Details A & B; SCB-D9-62, Details A & B.
  - No scuppers are to be used on this bridge.
  - Structural Steel is designed for 20,000 psi. (ASTM-A36-62T).
  - All intermediate and pier diaphragms are to be 18' x 42.7'. For diaphragm spacing see Std. Dwg. SCB-D7-62, Detail E.
  - The three interior beams of each span are parallel to the minor chords of their respective spans. Beam numbers 8, 9, 18, 19 & 23 represent the minor chords of their respective spans.
  - The abutments and piers are parallel to each other.
  - The centerline of the bearings of the outside beams are 15 feet radially from the centerline of roadway and intersect at a common point with the centerline of their respective abutments and piers.
  - Points No. 12 thru No. 61 are points at the centerline of the bearings and represent the intersection points of the centerline of the beams with the centerline of the bearings at their respective abutments and piers.
  - Points No. 6 thru No. 11 represent the intersection points of the minor chords for each span with the back of the abutments or the centerline of the piers.
  - The following examples illustrate the method of reading the angles and distances from the given data:
    - Example (Reading Angles): Points 12, 14, and 19 represent the angle between the minor chord and the centerline of the bearing for Beam No. 3, Span No. 1.
    - Example (Reading Distances): Point 13 to Point 18 represents the distance between the centerline of bearings for Beam No. 2, Span No. 1.

SPAN 1: DISTANCES			SPAN 2: DISTANCES		
12	To	17	51.646		
13	"	18	51.150		
14	"	19	51.150		
15	"	20	51.150		
16	"	21	50.832		
17	"	22	10.443		
18	"	23	10.678		
19	"	24	11.146		
20	"	25	11.146		
21	"	26	10.880		
22	"	27	11.880		
23	"	28	11.146		
24	"	29	11.146		
25	"	30	11.146		
26	"	31	11.146		
27	"	32	11.146		
28	"	33	11.146		
29	"	34	11.146		
30	"	35	11.146		
31	"	36	11.146		
32	"	37	11.146		
33	"	38	11.146		
34	"	39	11.146		
35	"	40	11.146		
36	"	41	11.146		
37	"	42	11.146		
38	"	43	11.146		
39	"	44	11.146		
40	"	45	11.146		
41	"	46	11.146		
42	"	47	11.146		
43	"	48	11.146		
44	"	49	11.146		
45	"	50	11.146		
46	"	51	11.146		
47	"	52	11.146		
48	"	53	11.146		
49	"	54	11.146		
50	"	55	11.146		
51	"	56	11.146		
52	"	57	11.146		
53	"	58	11.146		
54	"	59	11.146		
55	"	60	11.146		
56	"	61	11.146		

**ANGLES OF INTERSECTION BEAMS AND CL. BRG.**

Beam No.	Span No.	Angle
12	1	48°
13	1	48°
14	1	48°
15	1	48°
16	1	48°
17	1	48°
18	2	42°
19	2	42°
20	2	42°
21	2	42°
22	2	42°
23	2	42°
24	2	42°
25	2	42°
26	2	42°
27	2	42°
28	2	42°
29	2	42°
30	2	42°
31	2	42°
32	2	42°
33	2	42°
34	2	42°
35	2	42°
36	2	42°
37	2	42°
38	2	42°
39	2	42°
40	2	42°
41	2	42°
42	2	42°
43	2	42°
44	2	42°
45	2	42°
46	2	42°
47	2	42°
48	2	42°
49	2	42°
50	2	42°
51	2	42°
52	2	42°
53	2	42°
54	2	42°
55	2	42°
56	2	42°
57	2	42°
58	2	42°
59	2	42°
60	2	42°
61	2	42°

**SPAN 3: DISTANCES**

To	From	Distance	
32	To	37	51.671
33	"	38	50.884
34	"	39	50.884
35	"	40	50.884
36	"	41	50.241
37	"	42	11.399
38	"	43	11.677
39	"	44	11.677
40	"	45	11.677
41	"	46	11.119
42	"	47	12.292
43	"	48	11.677
44	"	49	11.677
45	"	50	11.677
46	"	51	11.677
47	"	52	11.677
48	"	53	11.677
49	"	54	11.677
50	"	55	11.677
51	"	56	11.677
52	"	57	11.677
53	"	58	11.677
54	"	59	11.677
55	"	60	11.677
56	"	61	11.677

**SPAN 4: DISTANCES**

To	From	Distance	
42	To	47	92.175
43	"	48	90.692
44	"	49	90.692
45	"	50	93.987
46	"	51	90.692
47	"	52	89.316
48	"	53	11.675
49	"	54	12.356
50	"	55	12.356
51	"	56	11.339
52	"	57	11.339
53	"	58	11.339
54	"	59	11.339
55	"	60	13.532
56	"	61	12.356
57	"	62	12.356
58	"	63	12.356
59	"	64	12.356
60	"	65	12.356
61	"	66	12.356
62	"	67	12.356
63	"	68	12.356
64	"	69	12.356
65	"	70	12.356
66	"	71	12.356
67	"	72	12.356
68	"	73	12.356
69	"	74	12.356
70	"	75	12.356
71	"	76	12.356
72	"	77	12.356
73	"	78	12.356
74	"	79	12.356
75	"	80	12.356
76	"	81	12.356
77	"	82	12.356
78	"	83	12.356
79	"	84	12.356
80	"	85	12.356
81	"	86	12.356
82	"	87	12.356
83	"	88	12.356
84	"	89	12.356
85	"	90	12.356
86	"	91	12.356
87	"	92	12.356
88	"	93	12.356
89	"	94	12.356
90	"	95	12.356
91	"	96	12.356
92	"	97	12.356
93	"	98	12.356
94	"	99	12.356
95	"	100	12.356
96	"	101	12.356
97	"	102	12.356
98	"	103	12.356
99	"	104	12.356
100	"	105	12.356
101	"	106	12.356
102	"	107	12.356
103	"	108	12.356
104	"	109	12.356
105	"	110	12.356
106	"	111	12.356
107	"	112	12.356
108	"	113	12.356
109	"	114	12.356
110	"	115	12.356
111	"	116	12.356
112	"	117	12.356
113	"	118	12.356
114	"	119	12.356
115	"	120	12.356
116	"	121	12.356
117	"	122	12.356
118	"	123	12.356
119	"	124	12.356
120	"	125	12.356
121	"	126	12.356
122	"	127	12.356
123	"	128	12.356
124	"	129	12.356
125	"	130	12.356
126	"	131	12.356
127	"	132	12.356
128	"	133	12.356
129	"	134	12.356
130	"	135	12.356
131	"	136	12.356
132	"	137	12.356
133	"	138	12.356
134	"	139	12.356
135	"	140	12.356
136	"	141	12.356
137	"	142	12.356
138	"	143	12.356
139	"	144	12.356
140	"	145	12.356
141	"	146	12.356
142	"	147	12.356
143	"	148	12.356
144	"	149	12.356
145	"	150	12.356
146	"	151	12.356
147	"	152	12.356
148	"	153	12.356
149	"	154	12.356
150	"	155	12.356
151	"	156	12.356
152	"	157	12.356
153	"	158	12.356
154	"	159	12.356
155	"	160	12.356
156	"	161	12.356
157	"	162	12.356
158	"	163	12.356
159	"	164	12.356
160	"	165	12.356
161	"	166	12.356
162	"	167	12.356
163	"	168	12.356
164	"	169	12.356
165	"	170	12.356
166	"	171	12.356
167	"	172	12.356
168	"	173	12.356
169	"	174	12.356
170	"	175	12.356
171	"	176	12.356
172	"	177	12.356
173	"	178	12.356
174	"	179	12.356
175	"	180	12.356
176	"	181	12.356
177	"	182	12.356
178	"	183	12.356
179	"	184	12.356
180	"	185	12.356
181	"	186	12.356
182	"	187	12.356
183	"	188	12.356
184	"	189	12.356
185	"	190	12.356
186	"	191	12.356
187	"	192	12.356
188	"	193	12.356
189	"	194	12.356
190	"	195	12.356
191	"	196	12.356
192	"	197	12.356
193	"	198	12.356
194	"	199	12.356
195	"	200	12.356
196	"	201	12.356
197	"	202	12.356
198	"	203	12.356
199	"	204	12.356
200	"	205	12.356
201	"	206	12.356
202	"	207	12.356
203	"	208	12.356
204	"	209	12.356
205	"	210	12.356
206	"	211	12.356
207	"	212	12.356
208	"	213	12.356
209	"	214	12.356
210	"	215	12.356
211	"	216	12.356
212	"	217	12.356
213	"	218	12.356
214	"	219	12.356
215	"	220	12.356
216	"	221	12.356
217	"	222	12.356
218	"	223	12.356
219	"	224	12.356
220	"	225	12.356
221	"	226	12.356
222	"	227	12.356
223	"	228	12.356
224	"	229	12.356
225	"	230	12.356
226	"	231	12.356
227	"	232	12.356
228	"	233	12.356
229	"	234	12.356
230	"	235	12.356
231	"	236	12.356
232	"	237	12.356
233	"	238	12.356
234	"	239	12.356
235	"	240	12.356
236	"	241	12.356
237	"	242	12.356
238	"	243	12.356
239	"	244	12.356
240	"	245	12.356
241	"	246	12.356
242	"		