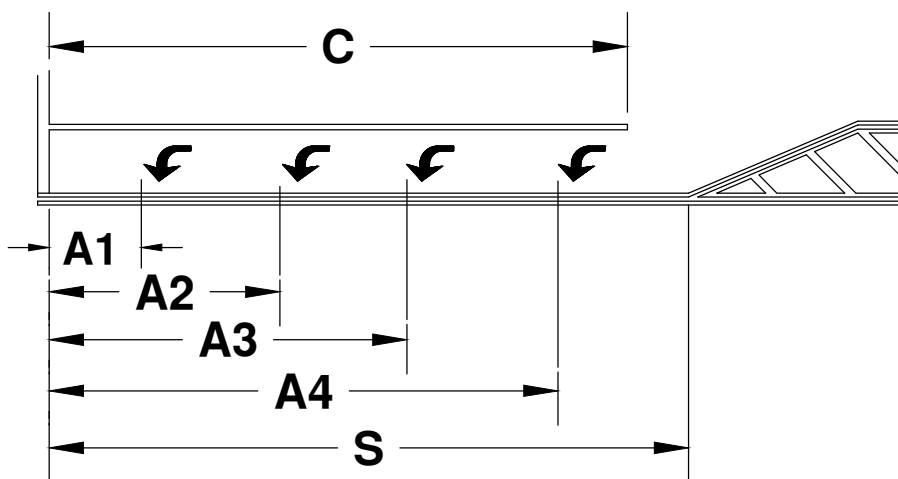
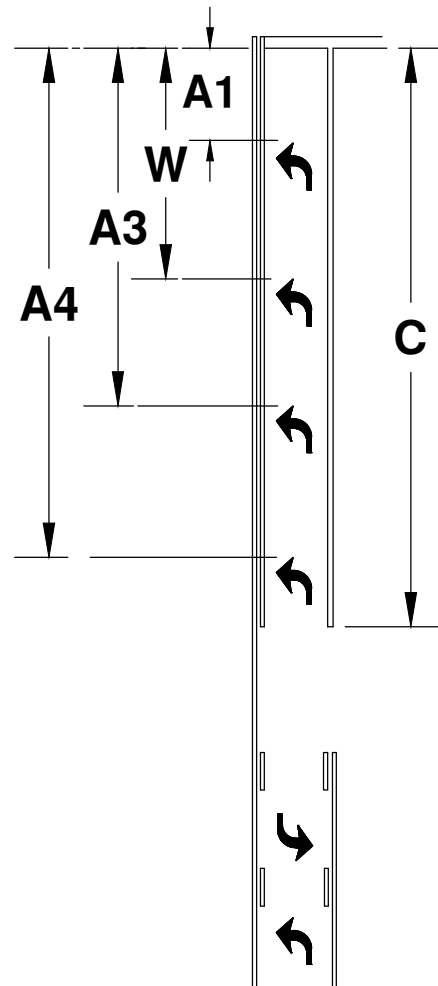
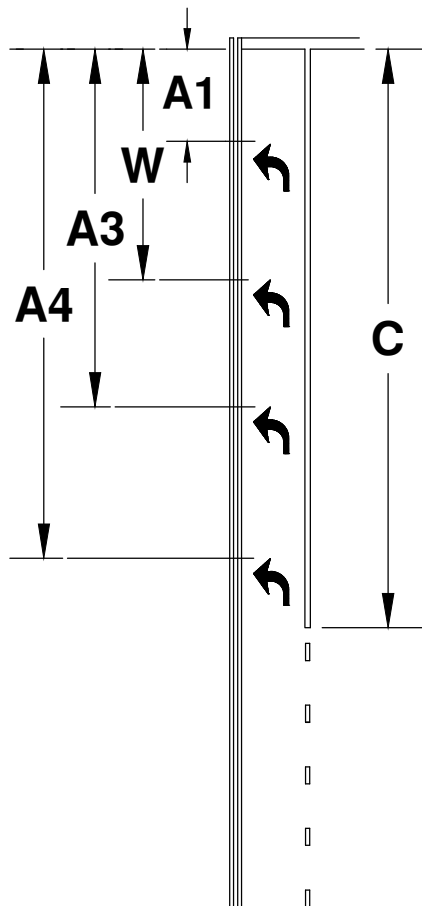




VALUES FOR S, A1, W, A2, A3, A4 AND C ARE GIVEN IN
THE FOLLOWING TABLES

PAVEMENT MARKING STANDARDS TURN LANE ELEMENT SPACING

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DESIGN AND CONSTRUCTION DIVISION

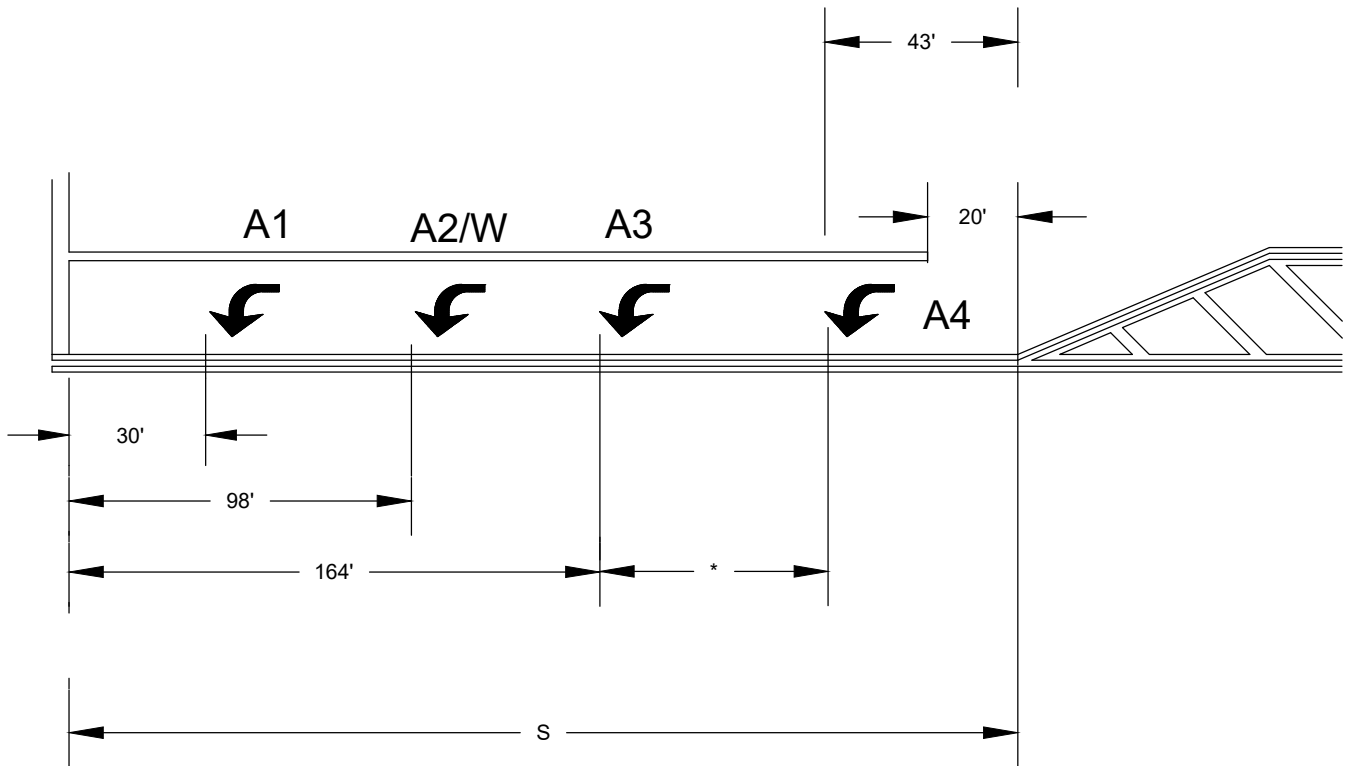
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CITY ENGINEER

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* ADD A FIFTH ARROW WHEN * DISTANCE BECOMES GREATER THAN 216'.
CENTER ARROW BETWEEN ARROWS A3 AND A4.

PAVEMENT MARKING STANDARDS TURN LANE ELEMENT SPACING

CITY OF COLUMBUS, OHIO
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DESIGN AND CONSTRUCTION DIVISION

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TURN LANE ELEMENTS (IN FEET)					
SLOT	FIRST	SECOND	THIRD	FOURTH	CHANNELIZING
LENGTH	ARROW	SLOT	ARROW	ARROW	LINE
S	A1	A2	A3	A4	C
25	1	10	0	0	16
26	1	10	0	0	16
27	1	11	0	0	17
28	1	11	0	0	17
29	2	12	0	0	18
30	2	13	0	0	19
31	3	14	0	0	20
32	3	15	0	0	21
33	4	16	0	0	22
34	4	17	0	0	23
35	5	18	0	0	24
36	5	19	0	0	25
37	6	20	0	0	26
38	6	21	0	0	27
39	7	22	0	0	28
40	7	23	0	0	29
41	8	24	0	0	30
42	8	25	0	0	31
43	9	26	0	0	32
44	10	27	0	0	32
45	10	27	0	0	33
46	11	28	0	0	34
47	11	29	0	0	35
48	11	29	0	0	36
49	12	30	0	0	37
50	12	31	0	0	38
51	13	31	0	0	39
52	13	32	0	0	40
53	13	33	0	0	41
54	14	33	0	0	42
55	14	34	0	0	43
56	14	35	0	0	44
PAVEMENT MARKING STANDARDS TURN LANE ELEMENT SPACING			CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC SERVICE DESIGN AND CONSTRUCTION DIVISION		STD DWG
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TURN LANE ELEMENTS (IN FEET)					
SLOT	FIRST	SECOND	THIRD	FOURTH	CHANNELIZING
LENGTH	ARROW	SLOT	ARROW	ARROW	LINE
S	A1	A2	A3	A4	C
57	15	35	0	0	45
58	15	36	0	0	46
59	16	36	0	0	47
60	16	37	0	0	47
61	16	38	0	0	48
62	17	38	0	0	49
63	17	39	0	0	50
64	17	40	0	0	51
65	18	40	0	0	52
66	18	41	0	0	53
67	18	42	0	0	54
68	19	42	0	0	55
69	19	43	0	0	56
70	20	44	0	0	57
71	20	44	0	0	58
72	20	45	0	0	59
73	21	46	0	0	60
74	21	46	0	0	61
75	21	47	0	0	61
76	22	48	0	0	62
77	22	48	0	0	63
78	23	49	0	0	64
79	23	50	0	0	65
80	23	50	0	0	66
81	24	51	0	0	67
82	24	52	0	0	68
83	24	52	0	0	69
84	25	53	0	0	70
85	25	53	0	0	71
86	26	54	0	0	72
87	26	55	0	0	73
88	26	55	0	0	74
PAVEMENT MARKING STANDARDS TURN LANE ELEMENT SPACING			CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC SERVICE DESIGN AND CONSTRUCTION DIVISION		STD DWG
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TURN LANE ELEMENTS (IN FEET)					
SLOT	FIRST	SECOND	THIRD	FOURTH	CHANNELIZING
LENGTH	ARROW	SLOT	ARROW	ARROW	LINE
S	A1	A2	A3	A4	C
89	27	56	0	0	75
90	27	57	0	0	76
91	27	57	0	0	76
92	28	58	0	0	77
93	28	59	0	0	78
94	29	59	0	0	79
95	29	60	0	0	80
96	29	61	0	0	81
97	30	61	0	0	82
98	30	62	0	0	83
99	30	63	0	0	84
100	30	64	0	0	85
101	30	65	0	0	86
102	30	66	0	0	87
103	30	67	0	0	88
104	30	68	0	0	89
105	30	69	0	0	90
106	30	70	0	0	91
107	30	71	0	0	92
108	30	72	0	0	93
109	30	73	0	0	94
110	30	74	0	0	95
111	30	75	0	0	96
112	30	76	0	0	97
113	30	77	0	0	98
114	30	78	0	0	99
115	30	79	0	0	100
116	30	80	0	0	101
117	30	81	0	0	102
118	30	82	0	0	103
119	30	83	0	0	104
120	30	84	0	0	105
PAVEMENT MARKING STANDARDS TURN LANE ELEMENT SPACING			CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC SERVICE DESIGN AND CONSTRUCTION DIVISION		STD DWG
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TURN LANE ELEMENTS (IN FEET)					
SLOT	FIRST	SECOND	THIRD	FOURTH	CHANNELIZING
LENGTH	ARROW	SLOT	ARROW	ARROW	LINE
S	A1	A2	A3	A4	C
121	30	85	0	0	106
122	30	86	0	0	107
123	30	87	0	0	108
124	30	88	0	0	109
125	30	89	0	0	110
126	30	90	0	0	111
127	30	91	0	0	112
128	30	92	0	0	113
129	30	93	0	0	114
130	30	94	0	0	115
131	30	95	0	0	116
132	30	96	0	0	117
133	30	97	0	0	118
134	30	98	0	0	119
135	30	65	97	0	120
136	30	65	98	0	121
137	30	66	99	0	122
138	30	66	100	0	123
139	30	67	101	0	124
140	30	67	102	0	125
141	30	68	103	0	126
142	30	68	104	0	127
143	30	69	105	0	128
144	30	69	106	0	129
145	30	70	107	0	130
146	30	70	108	0	131
147	30	71	109	0	132
148	30	71	110	0	133
149	30	72	111	0	134
150	30	72	112	0	135
151	30	73	113	0	136
152	30	73	114	0	137
PAVEMENT MARKING STANDARDS TURN LANE ELEMENT SPACING			CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC SERVICE DESIGN AND CONSTRUCTION DIVISION		STD DWG
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TURN LANE ELEMENTS (IN FEET)					
SLOT	FIRST	SECOND	THIRD	FOURTH	CHANNELIZING
LENGTH	ARROW	SLOT	ARROW	ARROW	LINE
S	A1	A2	A3	A4	C
153	30	74	115	0	138
154	30	74	116	0	139
155	30	75	117	0	140
156	30	75	118	0	141
157	30	76	119	0	142
158	30	76	120	0	143
159	30	77	121	0	144
160	30	77	122	0	145
161	30	78	123	0	146
162	30	78	124	0	147
163	30	79	125	0	148
164	30	79	126	0	149
165	30	80	127	0	150
166	30	80	128	0	151
167	30	81	129	0	152
168	30	81	130	0	153
169	30	82	131	0	154
170	30	82	132	0	155
171	30	83	133	0	156
172	30	83	134	0	157
173	30	64	96	130	153
174	30	64	97	131	154
175	30	65	97	132	155
176	30	65	98	133	156
177	30	65	99	134	157
178	30	66	99	135	158
179	30	66	100	136	159
180	30	66	101	137	160
181	30	67	101	138	161
182	30	67	102	139	162
183	30	67	103	140	163
184	30	68	103	141	164
PAVEMENT MARKING STANDARDS TURN LANE ELEMENT SPACING			CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC SERVICE DESIGN AND CONSTRUCTION DIVISION		STD DWG
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TURN LANE ELEMENTS (IN FEET)					
SLOT	FIRST	SECOND	THIRD	FOURTH	CHANNELIZING
LENGTH	ARROW	SLOT	ARROW	ARROW	LINE
S	A1	A2	A3	A4	C
185	30	68	104	142	165
186	30	68	105	143	166
187	30	69	105	144	167
188	30	69	106	145	168
189	30	69	107	146	169
190	30	70	107	147	170
191	30	70	108	148	171
192	30	70	109	149	172
193	30	71	109	150	173
194	30	71	110	151	174
195	30	71	111	152	175
196	30	72	111	153	176
197	30	72	112	154	177
198	30	72	113	155	178
199	30	73	113	156	179
200	30	73	114	157	180
201	30	73	115	158	181
202	30	74	115	159	182
203	30	74	116	160	183
204	30	74	117	161	184
205	30	75	117	162	185
206	30	75	118	163	186
207	30	75	119	164	187
208	30	76	119	165	188
209	30	76	120	166	189
210	30	76	121	167	190
211	30	77	121	168	191
212	30	77	122	169	192
213	30	77	123	170	193
214	30	78	123	171	194
215	30	78	124	172	195
216	30	78	125	173	196
PAVEMENT MARKING STANDARDS TURN LANE ELEMENT SPACING			CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC SERVICE DESIGN AND CONSTRUCTION DIVISION		STD DWG
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TURN LANE ELEMENTS (IN FEET)					
SLOT	FIRST	SECOND	THIRD	FOURTH	CHANNELIZING
LENGTH	ARROW	SLOT	ARROW	ARROW	LINE
S	A1	A2	A3	A4	C
217	30	79	125	174	197
218	30	79	126	175	198
219	30	79	127	176	199
220	30	80	127	177	200
221	30	80	128	178	201
222	30	80	129	179	202
223	30	81	129	180	203
224	30	81	130	181	204
225	30	81	131	182	205
226	30	82	131	183	206
227	30	82	132	184	207
228	30	82	133	185	208
229	30	83	133	186	209
230	30	83	134	187	210
231	30	83	135	188	211
232	30	84	135	189	212
233	30	84	136	190	213
234	30	84	137	191	214
235	30	85	137	192	215
236	30	85	138	193	216
237	30	85	139	194	217
238	30	86	139	195	218
239	30	86	140	196	219
240	30	86	141	197	220
241	30	87	141	198	221
242	30	87	142	199	222
243	30	87	143	200	223
244	30	88	143	201	224
245	30	88	144	202	225
246	30	88	145	203	226
247	30	89	145	204	227
248	30	89	146	205	228
PAVEMENT MARKING STANDARDS TURN LANE ELEMENT SPACING			CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC SERVICE DESIGN AND CONSTRUCTION DIVISION		STD DWG
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TURN LANE ELEMENTS (IN FEET)					
SLOT	FIRST	SECOND	THIRD	FOURTH	CHANNELIZING
LENGTH	ARROW	SLOT	ARROW	ARROW	LINE
S	A1	A2	A3	A4	C
249	30	89	147	206	229
250	30	90	147	207	230
251	30	90	148	208	231
252	30	90	149	209	232
253	30	91	149	210	233
254	30	91	150	211	234
255	30	91	151	212	235
256	30	92	151	213	236
257	30	92	152	214	237
258	30	92	153	215	238
259	30	93	153	216	239
260	30	93	154	217	240
261	30	93	155	218	241
262	30	94	155	219	242
263	30	94	156	220	243
264	30	94	157	221	244
265	30	95	157	222	245
266	30	95	158	223	246
267	30	95	159	224	247
268	30	96	159	225	248
269	30	96	160	226	249
270	30	96	161	227	250
271	30	97	161	228	251
272	30	97	162	229	252
273	30	97	163	230	253
274	30	98	163	231	254
275	30	98	164	232	255

276 OR GREATER SEE SHEET 2

PAVEMENT MARKING STANDARDS TURN LANE ELEMENT SPACING	CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC SERVICE DESIGN AND CONSTRUCTION DIVISION	STD DWG
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