β	L	S	U	X	Y	V	Shoulder gap	Chord		M		Approach Areas			Auxiliary lane part.area	β
								Lt.	Rt.	Lt.	Rt.	(A)	(B)	Total	(7)	
degree	m	m	m	m	m	m	m	m	m	m	m	m²	m²	m²	m²	degree
110	30.16	16.64	18.71	5.68	10.12	7.78	100.62	19.25	10.27	4.71	1.13	97.39	71.87	389.89	273.26	110
109	29.75	16.29	18.38	5.89	10.28	7.74	100.41	19.12	10.46	4.62	1.18	94.39	73.28	385.26	272.48	109
108	29.34	15.96	18.06	6.10	10.45	7.69	100.21	18.99	10.65	4.54	1.23	91.49	74.72	380.84	271.77	108
107	28.94	15.63	17.75	6.32	10.62	7.65	100.03	18.85	10.84	4.46	1.27	88.69	76.20	376.60	271.09	107
106	28.55	15.31	17.45	6.53	10.79	7.61	99.86	18.71	11.03	4.38	1.32	86.00	77.72	372.56	270.46	106
105	28.17	15.00	17.15	6.75	10.97	7.57	99.70	18.58	11.22	4.29	1.37	83.38	79.26	368.70	269.88	105
104	27.79	14.69	16.86	6.97	11.14	7.54	99.55	18.44	11.41	4.22	1.42	80.85	80.85	365.02	269.36	104
103	27.43	14.39	16.58	7.20	11.33	7.51	99.42	18.30	11.59	4.13	1.47	78.42	82.48	361.52	268.87	103
102	27.06	14.10	16.30	7.42	11.51	7.48	99.30	18.16	11.78	4.05	1.52	76.05	84.15	358.19	268.43	102
101	26.71	13.81	16.03	7.65	11.70	7.45	99.19	18.02	11.97	3.97	1.57	73.78	85.85	355.02	268.04	101
100	26.37	13.53	15.77	7.88	11.89	7.43	99.10	17.87	12.15	3.90	1.62	71.57	87.60	352.02	267.69	100
99	26.02	13.25	15.50	8.12	12.09	7.41	99.01	17.73	12.34	3.82	1.68	69.44	89.40	349.18	267.38	99
98	25.69	12.98	15.26	8.35	12.29	7.39	98.94	17.58	12.52	3.74	1.73	63.37	91.24	346.49	267.11	98
97	25.35	12.71	15.00	8.59	12.49	7.37	98.88	17.43	12.70	3.67	1.79	65.37	93.12	343.95	266.88	97
96	25.03	12.45	14.77	8.84	12.70	7.35	98.83	17.28	12.88	3.59	1.84	63.43	95.06	341.57	266.70	96
95	24.71	12.20	14.53	9.08	12.91	7.34	98.79	17.13	13.06	3.52	1.90	61.56	97.05	339.34	266.56	95
94	24.39	11.94	14.30	9.33	13.12	7.33	98.76	16.98	13.24	3.44	1.95	59.76	99.09	337.25	266.45	94
93	24.08	11.70	14.07	9.58	13.34	7.32	98.74	16.82	13.42	3.37	2.01	58.00	101.18	335.31	266.40	93
92	23.77	11.45	13.84	9.84	13.56	7.32	98.74	16.67	13.60	3.29	2.07	56.29	103.33	333.50	266.36	92
91	23.75	11.21	13.62	10.10	13.79	7.32	98.74	16.51	13.77	3.22	2.13	54.65	105.54	333.94	266.38	91
90	24.08	10.97	13.41	10.36	14.02	7.32	98.76	16.36	13.95	3.15	2.19	53.06	107.81	337.00	266.44	90
89	24.41	10.74	13.20	10.63	14.26	7.32	98.78	16.20	14.12	3.08	2.25	51.51	110.14	340.22	266.54	89
88	24.75	10.51	12.99	10.90	14.50	7.32	98.82	16.04	14.30	3.00	2.32	50.02	112.54	343.58	266.68	88
87	25.09	10.29	12.79	11.80	14.75	7.32	98.87	15.88	14.47	2.94	2.38	48.56	115.00	347.08	266.86	87
86	25.43	10.07	12.59	11.46	15.00	7.33	98.93	15.72	14.64	2.87	2.44	47.16	117.53	350.74	267.08	86
85	25.78	9.85	12.40	11.75	15.25	7.34	99.00	15.55	14.81	2.80	2.51	45.79	120.13	354.54	267.33	85
84	26.14	9.63	12.20	12.04	15.51	7.35	99.08	15.39	14.98	2.73	2.57	44.48	122.81	358.49	267.64	84
83	26.50	9.43	12.02	12.34	15.78	7.37	99.18	15.22	15.15	2.67	2.64	43.20	125.57	362.61	267.98	83
82	26.87	9.21	11.83	12.64	16.06	7.39	99.28	15.06	15.31	2.60	2.70	41.96	128.40	366.89	268.36	82
81	27.24	9.00	11.65	12.94	16.34	7.41	99.40	14.89	15.47	2.54	2.77	40.75	131.32	371.33	268.79	81
80	27.62	8.80	11.47	13.26	16.62	7.43	99.53	14.72	15.64	2.47	2.84	39.59	134.33	375.94	269.26	80
79	28.00	8.60	11.29	13.58	16.91	7.45	99.67	14.55	15.80	2.41	2.91	38.46	137.42	380.73	269.77	79
78	28.40	8.40	11.12	13.90	17.22	7.48	99.82	14.38	15.97	2.34	2.97	37.37	140.61	385.68	270.33	78
77	28.79	8.20	10.95	14.23	17.52	7.51	99.98	14.21	16.12	2.28	3.04	36.30	134.89	390.83	270.93	77
76	29.20	8.00	10.78	14.57	17.83	7.54	100.16	14.03	16.28	2.22	3.12	35.27	147.28	396.16	271.58	76
75	29.62	7.81	10.62	14.92	18.16	7.57	100.35	13.86	16.44	2.16	3.19	34.27	150.77	401.69	272.28	75
74	30.04	7.62	10.45	15.27	18.48	7.61	100.56	13.62	16.60	2.10	3.26	33.30	154.38	407.41	273.02	74
73	30.47	7.43	10.30	15.64	18.82	7.65	100.77	13.51	16.75	2.04	3.33	32.37	158.09	413.34	273.81	73
72	30.91	7.25	10.14	16.00	19.17	7.69	101.00	13.33	16.91	1.98	3.41	31.62	161.93	419.49	274.66	72
71	31.36	7.06	9.99	16.38	19.52	7.74	101.25	13.15	17.06	1.93	3.48	30.57	165.89	425.85	275.56	71
70	31.82	6.88	9.83	16.78	19.88	7.78	101.51	12.97	17.21	1.87	3.55	29.80	169.98	432.44	276.51	70

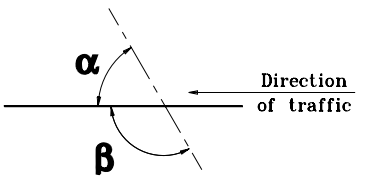
LEGEND

α = ANGLE OF TURN

It is the angle which a vehicle travels on the public road approach toward making a right hand turn. It is measured from the extension of the tangent on which a vehicle approaches the intersecting road to the corresponding tangent on the intersecting road to which the vehicle turns.

β = INTERSECTION CONTROL ANGLE

$\beta = 180° - \alpha$



NOTES :

1. See Standard Drawing 610–PRAP–06 for public road approach type C.
2. See Standard Drawing 610–PRAP–08 for General Notes.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

PUBLIC ROAD APPROACH
TYPE C – TABLE OF VALUES

SEPTEMBER 2001

STANDARD DRAWING NO. **610–PRAP–09**

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Anthony L. Uremovich 9–04–01
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 9–04–01
CHIEF HIGHWAY ENGINEER DATE