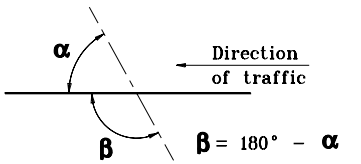
β	U	S	M	X	Y	N	L							TOTAL APPROACH AREA A						Hatched shoulder area	Comp.Aggr.B. shoulder area	β
							TYPE A			TYPE B				TYPE A			TYPE B					
							W=6.0	W=6.6	W=7.2	W=6.0	W=6.6	W=7.2	Z	W=6.0	W=6.6	W=7.2	W=6.0	W=6.6	W=7.2			
degree	m	m	m	m	m	m	m	m	m	m	m	m	m	m²	m²	m²	m²	m²	m²	m²	m²	degree
110	16.77	19.88	3.55	5.68	10.12	1.13	33.18	33.29	33.41	33.18	33.29	33.41	3.57	444.13	465.04	419.32	539.33	560.30	581.41	93.98	43.98	110
109	16.38	19.52	3.48	5.89	10.28	1.18	32.76	32.86	32.97	32.76	32.86	32.97	3.54	438.87	459.55	480.35	534.73	555.40	576.20	94.06	42.64	109
108	16.00	19.17	3.41	6.10	10.45	1.23	32.35	32.45	32.54	32.35	32.45	32.54	3.53	433.84	454.21	474.72	530.35	550.74	571.24	94.14	41.39	108
107	15.64	18.82	3.33	6.32	10.62	1.27	31.94	32.03	32.13	31.94	32.03	32.13	3.51	429.01	449.11	469.32	526.22	546.31	566.35	94.14	40.13	107
106	15.27	18.48	3.26	6.53	10.79	1.32	31.55	31.64	31.85	31.55	31.64	31.72	3.49	424.40	444.22	464.14	522.29	542.10	562.03	94.31	38.80	106
105	14.92	18.15	3.19	6.75	10.97	1.37	31.16	31.25	31.32	31.16	31.25	31.32	3.47	420.00	439.54	459.19	518.57	538.12	557.76	94.40	37.71	105
104	14.57	17.83	3.12	6.97	11.14	1.42	30.78	30.86	30.94	30.78	30.86	30.94	3.46	415.79	435.06	454.44	515.07	534.35	553.72	94.40	36.45	104
103	14.23	17.52	3.04	7.20	11.33	1.47	30.42	30.49	30.56	30.42	30.49	30.56	3.44	411.78	430.79	449.87	511.78	530.78	549.89	94.48	35.28	103
102	13.90	17.22	2.97	7.42	11.51	1.52	30.05	30.12	30.18	30.05	30.12	30.18	3.43	407.95	426.70	445.54	508.67	527.43	546.26	94.56	34.11	102
101	13.58	16.91	2.91	7.65	11.70	1.57	29.70	29.76	29.82	29.70	29.76	29.82	3.42	404.31	422.81	441.39	505.77	524.27	542.84	94.56	32.94	101
100	13.26	16.62	2.84	7.88	11.89	1.63	29.35	29.40	29.46	29.35	29.40	29.46	3.40	400.84	419.10	437.41	503.05	521.30	539.62	94.56	31.69	100
99	12.94	16.34	2.77	8.12	12.09	1.68	29.01	29.06	29.11	29.01	29.06	29.11	3.40	397.56	415.57	433.63	500.51	518.52	536.59	94.65	30.35	99
98	12.64	16.06	2.70	8.35	12.29	1.73	28.68	28.72	28.76	28.68	28.72	28.76	3.39	394.45	412.21	430.04	498.17	515.94	533.76	94.65	29.18	98
97	12.34	15.78	2.64	8.59	12.49	1.79	28.38	28.39	28.43	28.35	28.39	28.43	3.38	391.50	409.04	426.61	496.00	513.54	531.12	94.65	28.00	97
96	12.04	15.51	2.57	8.84	12.70	1.84	28.03	28.06	28.10	28.03	28.06	28.09	3.37	388.73	406.03	423.37	494.02	511.33	528.66	94.73	27.09	96
95	11.78	15.25	2.51	9.08	12.91	1.90	27.71	27.74	27.77	27.71	27.74	27.77	3.36	386.11	403.18	420.29	492.21	509.29	526.39	94.73	25.92	95
94	11.46	15.00	2.44	9.33	13.12	1.95	27.40	27.42	27.44	27.40	27.42	27.44	3.36	383.66	400.51	417.38	490.57	507.42	524.29	94.73	24.58	94
93	11.18	14.75	2.38	9.58	13.34	2.01	27.10	27.12	27.13	27.10	27.12	27.13	3.36	381.36	398.00	414.63	489.11	505.74	522.39	94.81	23.41	93
92	10.90	14.50	2.32	9.84	13.56	2.07	26.80	26.81	26.82	26.80	26.81	26.82	3.36	379.23	395.63	412.06	487.82	504.23	520.65	94.81	22.41	92
91	10.63	14.26	2.25	10.10	13.79	2.13	26.51	26.51	26.51	27.12	27.11	27.11	3.35	377.25	393.44	409.64	490.43	506.92	523.41	94.81	23.33	91
90	10.36	14.02	2.19	10.36	14.02	2.19	26.21	26.21	26.21	27.43	27.43	27.43	3.35	375.42	391.40	407.37	493.17	509.90	526.62	94.81	24.50	90
89	10.10	13.79	2.13	10.63	14.26	2.25	25.93	25.92	25.92	27.76	27.76	27.76	3.35	373.75	389.51	405.27	496.08	513.04	530.00	94.81	25.58	89
88	9.84	13.56	2.07	10.90	14.50	2.32	25.65	25.64	25.63	28.08	28.09	28.10	3.36	372.21	387.78	403.33	499.18	516.36	533.57	94.73	26.76	88
87	9.58	13.34	2.01	11.18	14.75	2.38	25.37	25.36	25.34	28.41	28.43	28.45	3.36	370.84	386.20	401.55	502.44	519.86	537.31	94.73	27.93	87
86	9.33	13.12	1.95	11.46	15.00	2.44	25.39	25.41	25.43	28.75	28.77	28.79	3.36	371.40	386.94	402.67	505.87	523.55	541.24	94.73	29.10	86
85	9.08	12.91	1.90	11.78	15.25	2.51	25.73	25.76	25.78	29.10	29.12	29.15	3.36	374.03	389.89	405.79	509.49	527.41	545.36	94.73	30.27	85
84	8.84	12.70	1.84	12.04	15.51	2.57	26.08	26.11	26.14	29.45	29.48	29.51	3.37	376.82	392.93	409.08	513.30	531.47	549.67	94.73	31.44	84
83	8.59	12.49	1.79	12.34	15.78	2.64	26.43	26.46	26.50	29.80	29.84	29.88	3.38	379.79	396.41	412.54	517.30	535.71	554.18	94.73	32.61	83
82	8.35	12.29	1.73	12.64	16.06	2.70	26.78	26.83	26.87	30.17	30.21	30.25	3.39	382.89	399.51	416.17	521.48	540.15	558.87	94.73	33.78	82
81	8.12	12.09	1.68	12.94	16.34	2.77	27.14	27.19	27.24	30.54	30.59	30.64	3.40	386.18	403.04	419.97	528.85	544.79	563.78	94.65	34.95	81
80	7.88	11.89	1.63	13.26	16.62	2.84	27.51	27.57	27.62	30.92	30.97	31.02	3.40	389.62	406.75	423.95	530.42	549.63	568.90	94.65	36.12	80
79	7.65	11.70	1.57	13.58	16.91	2.91	27.89	27.94	28.00	31.36	31.30	31.42	3.42	393.25	410.65	428.12	535.20	554.67	574.22	94.56	37.29	79
78	7.42	11.51	1.52	13.90	17.22	2.97	28.27	28.33	28.40	31.69	31.76	31.82	3.43	397.06	414.72	432.46	540.18	559.93	579.76	94.48	38.54	78
77	7.20	11.33	1.47	14.23	17.52	3.04	28.65	28.72	28.79	32.10	32.17	32.24	3.44	401.04	418.98	437.00	545.79	565.40	585.53	94.48	39.71	77
76	6.97	11.14	1.42	14.57	17.83	3.12	29.05	29.13	29.20	32.50	32.58	32.66	3.46	405.22	423.43	441.75	550.78	571.11	591.52	94.48	40.97	76
75	6.75	10.97	1.37	14.92	18.15	3.19	29.45	29.54	29.62	32.92	33.00	33.09	3.47	409.58	428.07	446.68	556.42	577.04	597.76	94.40	42.22	75
74	6.53	10.79	1.32	15.27	18.48	3.26	29.86	29.95	30.04	33.35	33.44	33.53	3.49	414.14	432.92	451.82	562.29	583.21	604.23	94.31	43.48	74
73	6.32	10.62	1.27	15.64	18.82	3.33	30.28	30.38	30.47	33.79	33.88	33.98	3.51	418.89	437.98	457.18	568.40	589.63	610.95	94.31	44.73	73
72	6.10	10.45	1.23	16.00	19.17	3.41	30.71	30.81	30.91	34.24	34.34	34.44	3.53	423.87	443.25	462.76	574.75	596.29	617.94	94.23	45.99	72
71	5.89	10.28	1.18	16.38	19.52	3.48	31.15	31.25	31.36	34.70	34.80	34.91	3.54	429.05	448.74	468.57	581.36	603.21	625.91	94.14	47.32	71
70	5.68	10.12	1.13	16.77	19.88	3.55	31.60	31.71	31.82	35.16	35.27	35.39	3.57	434.45	454.46	474.60	588.23	610.41	632.73	94.06	48.58	70

LEGEND

α = ANGLE OF TURN

The angle through 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



NOTES :

1. See Standard Drawing 610-PRAP-02 for public road approach type A.
2. See Standard Drawing 610-PRAP-03 for public road approach type B.
3. See Standard Drawing 610-PRAP-04 for General Notes.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

PUBLIC ROAD APPROACH TYPE A & TYPE B – TABLE OF VALUE

SEPTEMBER 2001

STANDARD DRAWING NO. **610-PRAP-05**

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