

DESIGN FACTORS FOR A DESIGN SPEED OF 100 km/h (RURAL) USING E- 8% MAX.

DESIGN VELOCITY -100	DESIGN SOFTWARE EQUIVALENTS (NUMBER OF LANES AT LANE WIDTH)												INTERCHANGE RAMPS												
	WIDTH= 5.4 m			WIDTH=6.0 m			WIDTH=6.6 m			WIDTH=7.2 m			WIDTH=14.4 m			WIDTH=21.6 m			WIDTH						
	1 e		2.7 m	1 e		3.0 m	1 e		3.3 m	1 e		3.6 m	2 e		3.6 m	3 e		3.6 m	4.8 m		5.4 m				
RADIUS (m)	Lt	Lr	w	Lt	Lr	w	Lt	Lr	w	Lt	Lr	w	Lt	Lr	w	Lt	Lr	w	Lt	Lr	Lt	Lr	Lt	Lr	
5000	NC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2677	2.0	13	13	0.0	14	0.0	15	0.0	15	0.0	17	0.0	17	0.0	25	0.0	25	0.0	33	0.0	33	0.0	20	21	21
2541	2.1	13	13	0.0	14	0.0	15	0.0	16	0.0	17	0.0	18	0.0	25	0.0	26	0.0	33	0.0	35	0.0	20	21	22
2417	2.2	13	14	0.0	14	0.0	15	0.0	17	0.0	17	0.0	18	0.0	25	0.0	27	0.0	33	0.0	36	0.0	20	22	23
2304	2.3	13	15	0.0	14	0.0	15	0.0	18	0.0	17	0.0	19	0.0	25	0.0	29	0.0	33	0.0	38	0.0	20	23	24
2200	2.4	13	15	0.0	14	0.0	15	0.0	18	0.0	17	0.0	20	0.0	25	0.0	30	0.0	33	0.0	40	0.0	20	24	25
2105	2.5	13	16	0.0	14	0.0	15	0.0	19	0.0	17	0.0	21	0.0	25	0.0	31	0.0	33	0.0	41	0.0	20	24	26
2017	2.6	13	16	0.0	14	0.0	15	0.0	20	0.0	17	0.0	22	0.0	25	0.0	32	0.0	33	0.0	43	0.0	20	25	27
1935	2.7	13	17	0.0	14	0.0	15	0.0	21	0.0	17	0.0	23	0.0	25	0.0	34	0.0	33	0.0	45	0.0	20	26	28
1859	2.8	13	18	0.0	14	0.0	15	0.0	21	0.0	17	0.0	23	0.0	25	0.0	34	0.0	33	0.0	46	0.0	20	27	29
1788	2.9	13	18	0.0	14	0.0	15	0.0	22	0.0	17	0.0	24	0.0	25	0.0	35	0.0	33	0.0	48	0.0	20	28	30
1722	3.0	13	19	0.0	14	0.0	15	0.0	23	0.0	17	0.0	25	0.0	25	0.0	37	0.0	33	0.0	50	0.0	20	29	31
1661	3.1	13	20	0.0	14	0.0	15	0.0	24	0.0	17	0.0	26	0.0	25	0.0	39	0.0	33	0.0	51	0.0	20	30	32
1603	3.2	13	20	0.0	14	0.0	15	0.0	24	0.0	17	0.0	27	0.0	25	0.0	40	0.0	33	0.0	53	0.0	20	31	33
1548	3.3	13	21	0.0	14	0.0	15	0.0	25	0.0	17	0.0	27	0.0	25	0.0	41	0.0	33	0.0	54	0.0	20	32	34
1497	3.4	13	21	0.0	14	0.0	15	0.0	26	0.0	17	0.0	28	0.0	25	0.0	42	0.0	33	0.0	56	0.0	20	33	35
1448	3.5	13	22	0.0	14	0.0	15	0.0	27	0.0	17	0.0	29	0.0	25	0.0	43	0.0	33	0.0	58	0.0	20	34	36
1402	3.6	13	23	0.0	14	0.0	15	0.0	27	0.0	17	0.0	30	0.0	25	0.0	45	0.0	33	0.0	59	0.0	20	35	37
1359	3.7	13	23	0.0	14	0.0	15	0.0	28	0.0	17	0.0	31	0.0	25	0.0	46	0.0	33	0.0	61	0.0	20	36	38
1317	3.8	13	24	0.0	14	0.0	15	0.0	29	0.0	17	0.0	32	0.0	25	0.0	47	0.0	33	0.0	63	0.0	20	37	39
1278	3.9	13	24	0.0	14	0.0	15	0.0	30	0.0	17	0.0	32	0.0	25	0.0	48	0.0	33	0.0	64	0.0	20	38	40
1241	4.0	13	25	0.0	14	0.0	15	0.0	30	0.0	17	0.0	33	0.0	25	0.0	50	0.0	33	0.0	66	0.0	20	39	41
1206	4.1	13	26	0.0	14	0.0	15	0.0	31	0.0	17	0.0	34	0.0	25	0.0	51	0.0	33	0.0	68	0.0	20	40	42
1172	4.2	13	26	0.0	14	0.0	15	0.0	32	0.0	17	0.0	35	0.0	25	0.0	52	0.0	33	0.0	70	0.0	20	41	43
1139	4.3	13	27	0.0	14	0.0	15	0.0	33	0.0	17	0.0	36	0.0	25	0.0	53	0.0	33	0.0	71	0.0	20	42	44
1109	4.4	13	27	0.0	14	0.0	15	0.0	33	0.0	17	0.0	36	0.0	25	0.0	54	0.0	33	0.0	72	0.0	20	43	45
1079	4.5	13	28	0.0	14	0.0	15	0.0	34	0.0	17	0.0	37	0.0	25	0.0	56	0.0	33	0.0	74	0.0	20	44	46
1051	4.6	13	29	0.0	14	0.0	15	0.0	35	0.0	17	0.0	38	0.0	25	0.0	57	0.0	33	0.0	76	0.0	20	45	47
1023	4.7	13	29	0.0	14	0.0	15	0.0	36	0.0	17	0.0	39	0.0	25	0.0	58	0.0	33	0.0	77	0.0	20	46	48
997	4.8	13	30	0.0	14	0.0	15	0.0	36	0.0	17	0.0	40	0.0	25	0.0	59	0.0	33	0.0	79	0.0	20	47	49
972	4.9	13	31	0.0	14	0.0	15	0.0	37	0.0	17	0.0	41	0.0	25	0.0	61	0.0	33	0.0	81	0.0	20	48	50
948	5.0	13	31	0.0	14	0.0	15	0.0	38	0.0	17	0.0	41	0.0	25	0.0	62	0.0	33	0.0	82	0.0	20	48	51
925	5.1	13	32	0.0	14	0.0	15	0.0	39	0.0	17	0.0	42	0.0	25	0.0	63	0.0	33	0.0	84	0.0	20	49	52
902	5.2	13	32	0.0	14	0.0	15	0.0	39	0.0	17	0.0	43	0.0	25	0.0	64	0.0	33	0.0	86	0.0	20	50	53
881	5.3	13	33	0.0	14	0.0	15	0.0	40	0.0	17	0.0	44	0.0	25	0.0	66	0.0	33	0.0	87	0.0	20	51	54
860	5.4	13	34	0.0	14	0.0	15	0.0	41	0.0	17	0.0	45	0.0	25	0.0	67	0.0	33	0.0	89	0.0	20	52	56
851	5.5	13	34	0.0	14	0.0	15	0.0	42	0.0	17	0.0	45	0.0	25	0.0	68	0.0	33	0.0	90	0.0	20	53	57
850	5.5	22	60	0.7	14	0.0	15	0.0	42	0.0	17	0.0	45	0.0	25	0.0	68	0.0	33	0.0	90	0.0	20	53	57
839	5.5	22	60	0.7	14	0.0	15	0.0	42	0.0	17	0.0	45	0.0	25	0.0	68	0.0	33	0.0	90	0.0	20	53	57
820	5.6	22	60	0.8	14	0.0	15	0.0	42	0.0	17	0.0	46	0.0	25	0.0	69	0.0	33	0.0	92	0.0	20	54	58
801	5.7	22	60	0.8	14	0.0	15	0.0	43	0.0	17	0.0	47	0.0	25	0.0	70	0.0	33	0.0	94	0.0	20	55	59
782	5.8	21	60	0.8	14	0.0	15	0.0	44	0.0	17	0.0	48	0.0	25	0.0	72	0.0	33	0.0	95	0.0	20	56	60
765	5.9	21	60	0.8	14	0.0	15	0.0	45	0.0	17	0.0	49	0.0	25	0.0	73	0.0	33	0.0	97	0.0	20	57	61
747	6.0	20	60	0.8	14	0.0	15	0.0	45	0.0	17	0.0	50	0.0	25	0.0	74	0.0	33	0.0	99	0.0	20	58	62
731	6.1	20	60	0.8	14	0.0	15	0.0	46	0.0	17	0.0	50	0.0	25	0.0	75	0.0	33	0.0	100	0.0	20	59	63
714	6.2	20	60	0.8	14	0.0	15	0.0	47	0.0	17	0.0	51	0.0	25	0.0	77	0.0	33	0.0	102	0.0	20	60	64
698	6.3	20	60	0.8	14	0.0	15	0.0	48	0.0	17	0.0	52	0.0	25	0.0	78	0.0	33	0.0	104	0.0	20	61	65
683	6.4	19	60	0.8	14	0.0	15	0.0	48	0.0	17	0.0	53	0.0	25	0.0	79	0.0	33	0.0	105	0.0	20	62	66
667	6.5	19	60	0.8	14	0.0	15	0.0	49	0.0	17	0.0	54	0.0	25	0.0	80	0.0	33	0.0	107	0.0	20	63	67
652	6.6	19	60	0.8	14	0.0	15	0.0	50	0.0	17	0.0	54	0.0	25	0.0	81	0.0	33	0.0	108	0.0	20	64	68
637	6.7	18	60	0.8	14	0.0	15	0.0	51	0.0	17	0.0	55	0.0	25	0.0	83	0.0	33	0.0	110	0.0	20	65	69
622	6.8	18	60	0.8	14	0.0	15	0.0	51	0.0	17	0.0	56	0.0	25	0.0	84	0.0	33	0.0	112	0.0	20	66	70
607	6.9	18	60	0.8	14	0.0	15	0.0	52	0.0	17	0.0	57	0.0	25	0.0	85	0.0	33	0.0	113	0.0	20	67	71
592	7.0	18	60	0.8	14	0.0	15	0.0	53	0.0	17	0.0	58	0.0	25	0.0	86	0.0	33	0.0	115	0.0	20	68	72
577	7.1	17	60	0.8	14	0.0	15	0.0	54	0.0	17	0.0	59	0.0	25	0.0	88	0.0	33	0.0	117	0.0	20	69	73
562	7.2	17	60	0.9	17	0.0	15	0.0	54	0.0	17	0.0	59	0.0	25	0.0	89	0.0	33	0.0	118	0.0	20	70	74
547	7.3	17	60	0.9	17	0.0	15	0.0	55	0.0	17	0.0	60	0.0	25	0.0	90	0.0	33	0.0	120	0.0	20	71	75
532	7.4	17	60	0.9	17	0.0	15	0.0	56	0.0	17	0.0	61	0.0	25	0.0	91	0.0	33	0.0	122	0.0	20	72	76
516	7.5	16	60	0.9	16	0.0	15	0.0	57	0.0	17	0.0	62	0.0	25	0.0	93	0.0	33	0.0	123	0.0</			