

SafetyAnalyst SPFs – Intersections

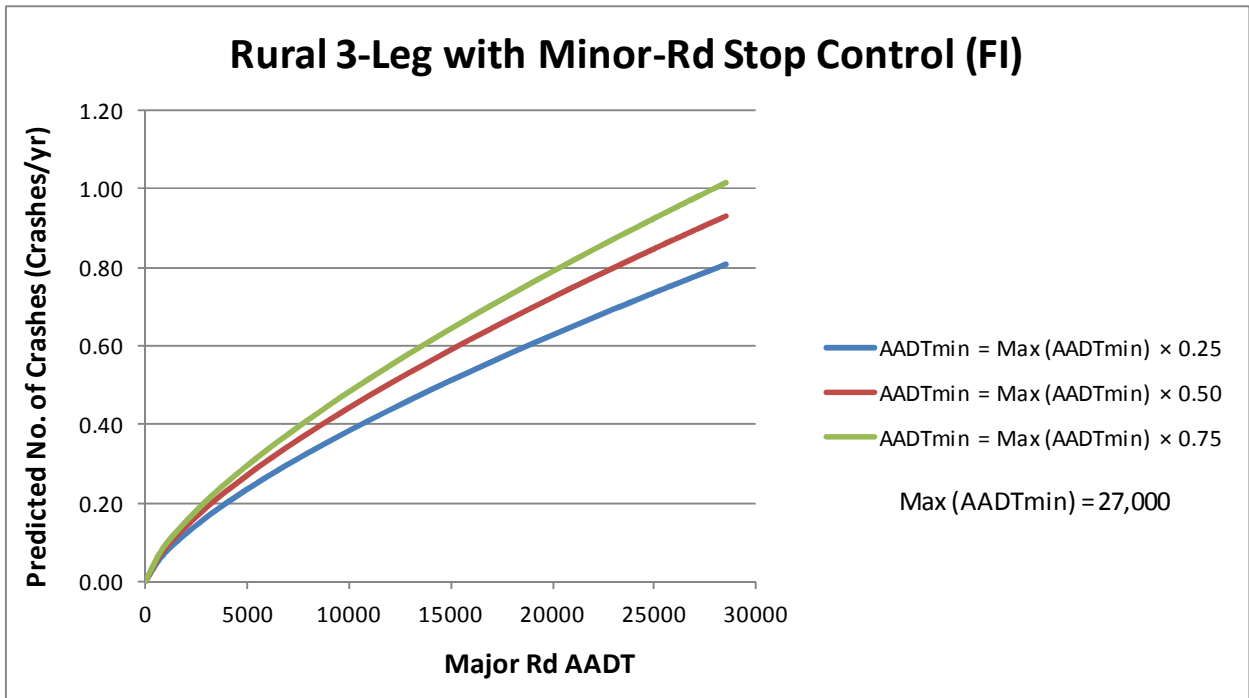
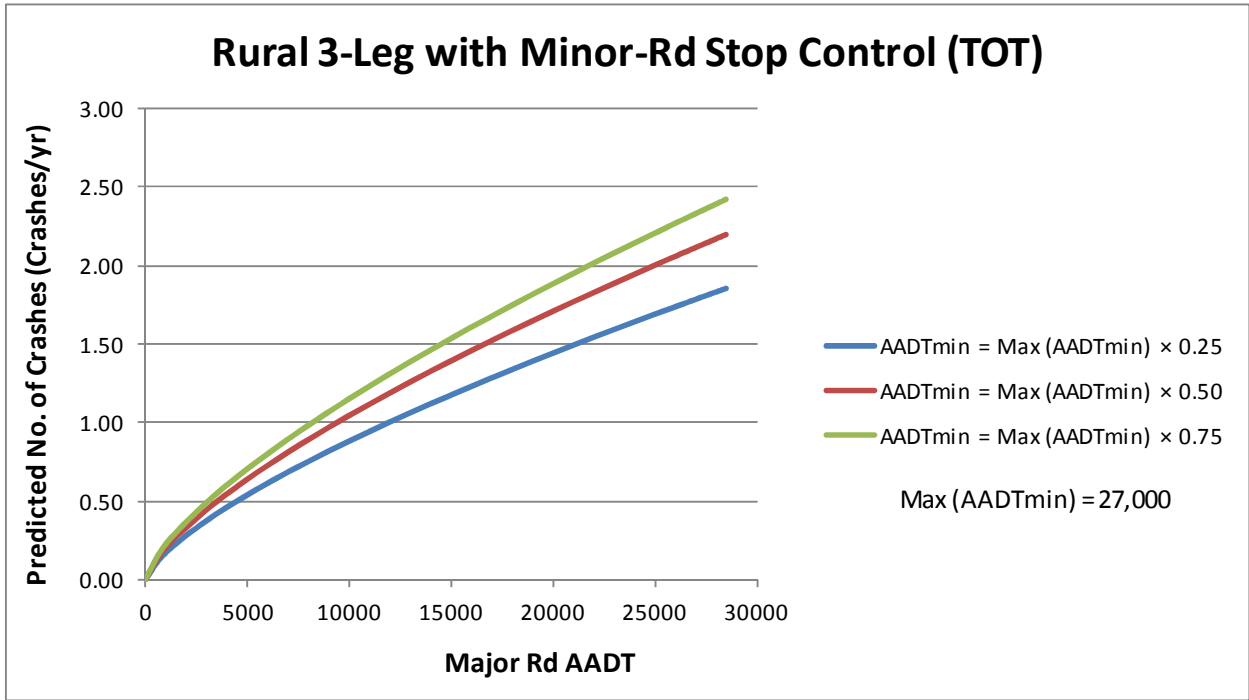
SPFs for Intersections (SPFs for TOT Accidents)

Site Subtype Code	Site Subtype Description	State	Regression coefficients LogIntercept (α)	Regression coefficients LogAADT _{maj} (β_1)	Regression coefficients LogAADT _{min} (β_2)	Over-dispersion parameter (d)	R _{FT} ² (%)	Number of Sites	Max AADT _{maj} (veh/day)	Max AADT _{min} (veh/day)
201	Rural three - leg intersections with minor - road STOP control	MN	-8.78	0.71	0.24	1.07	13.3	1,706	28,500	27,000
202	Rural three - leg intersections with all - way STOP control	MN	-12.37	1.22	0.27	0.47	41	41	25,300	6,803
203	Rural three - leg intersections with signal control	MN	-6.57	0.66	0.2	0.33	26	136	36,400	11,500
204	Rural four - leg intersections with minor - road STOP control	MN	-8.96	0.65	0.47	0.7	29.9	2,114	35,500	26,700
205	Rural four - leg intersections with all - way STOP control	MN	-12.37	1.22	0.27	0.47	41	41	25,300	6,803
206	Rural four - leg intersections with signal control	MN	-6.57	0.66	0.2	0.33	26	136	36,400	11,500
251	Urban three - leg intersections with minor - road STOP control	MN	-5.35	0.34	0.28	1.28	5.9	397	68,000	18,900
252	Urban three - leg intersections with all - way STOP control	MN	-12.37	1.22	0.27	0.47	41	41	25,300	6,803
253	Urban three - leg intersections with signal control	MN	-9.85	0.97	0.18	0.23	41.4	33	50,000	25,807
254	Urban four - leg intersections with minor - road STOP control	MN	-3.12	0.27	0.16	0.86	7.6	333	58,870	81,000
255	Urban four - leg intersections with all - way STOP control	MN	-12.37	1.22	0.27	0.47	41	41	25,300	6,803
256	Urban four - leg intersections with signal control	MN	-3.47	0.42	0.14	0.32	26.4	418	75,000	81,000

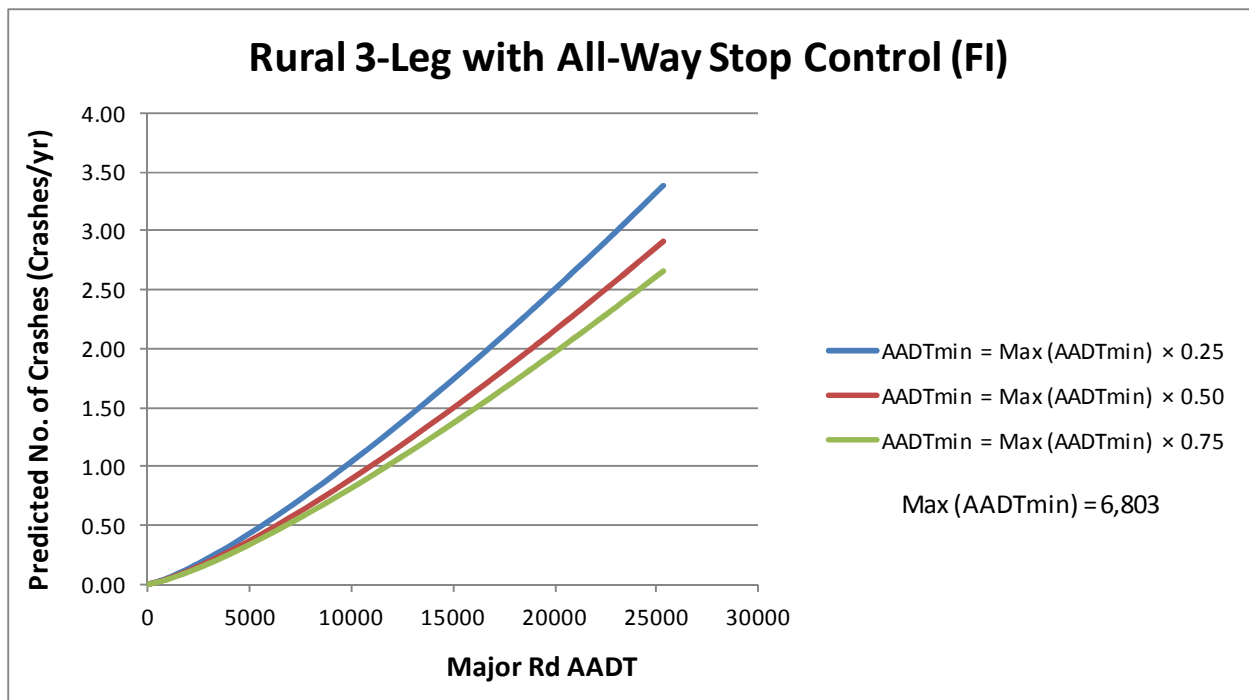
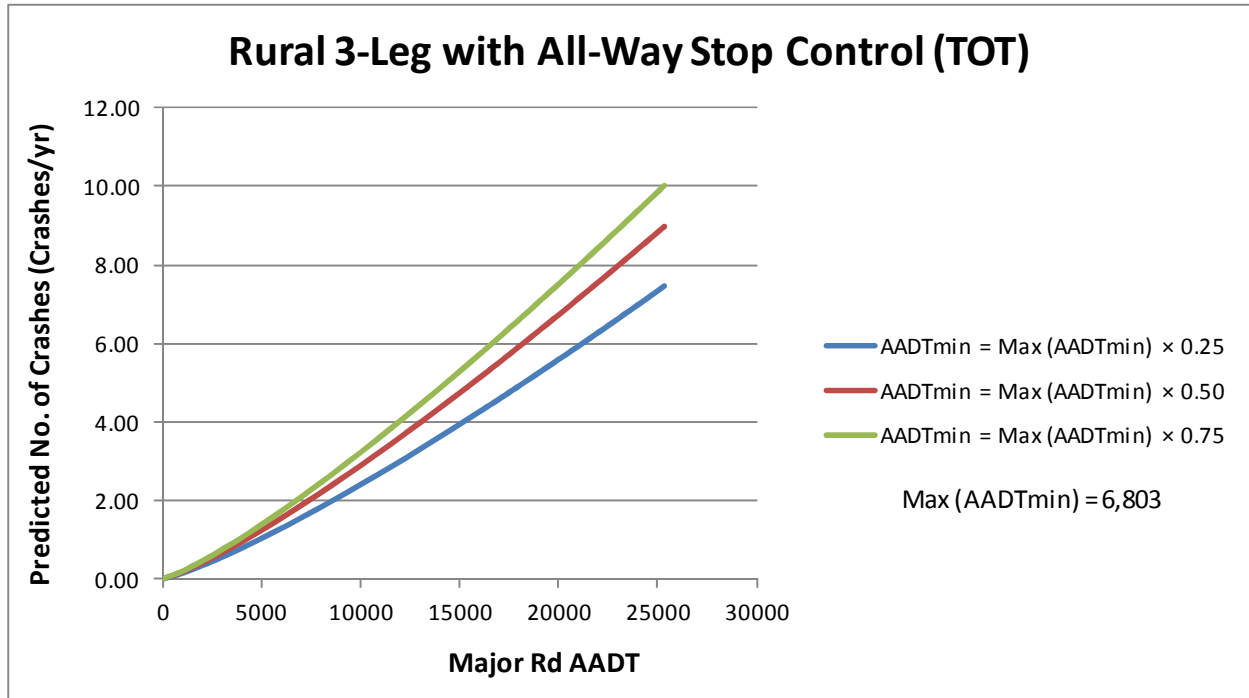
SPFs for Intersections (SPFs for FI Accidents)

Site Subtype Code	Site Subtype Description	State	Regression coefficients LogIntercept (α)	Regression coefficients LogAADT _{maj} (β_1)	Regression coefficients LogAADT _{min} (β_2)	Over-dispersion parameter (d)	R _{FT} ² (%)	Number of Sites	Max AADT _{maj} (veh/day)	Max AADT _{min} (veh/day)
201	Rural three - leg intersections with minor - road STOP control	MN	-9.35	0.71	0.21	1.23	9.1	1,706	28,500	27,000
202	Rural three - leg intersections with all - way STOP control	MN	-10.02	1.27	-0.22	0.89	24.8	41	25,300	6,803
203	Rural three - leg intersections with signal control	MN	-7.83	0.75	0.14	0.5	21.5	136	36,400	11,500
204	Rural four - leg intersections with minor - road STOP control	MN	-9.36	0.66	0.4	0	14.6	2,114	35,500	26,700
205	Rural four - leg intersections with all - way STOP control	MN	-10.02	1.27	-0.22	0.89	24.8	41	25,300	6,803
206	Rural four - leg intersections with signal control	MN	-7.83	0.75	0.14	0.5	21.5	136	36,400	11,500
251	Urban three - leg intersections with minor - road STOP control	MN	-8.45	0.49	0.39	1.23	8.1	397	68,000	18,900
252	Urban three - leg intersections with all - way STOP control	MN	-10.02	1.27	-0.22	0.89	24.8	41	25,300	6,803
253	Urban three - leg intersections with signal control	MN	-10.22	0.91	0.21	0.27	36.2	33	50,000	25,807
254	Urban four - leg intersections with minor - road STOP control	MN	-4.35	0.29	0.19	0.99	5.7	333	58,870	81,000
255	Urban four - leg intersections with all - way STOP control	MN	-10.02	1.27	-0.22	0.89	24.8	41	25,300	6,803
256	Urban four - leg intersections with signal control	MN	-5.11	0.49	0.16	0.3	29.5	418	75,000	81,000

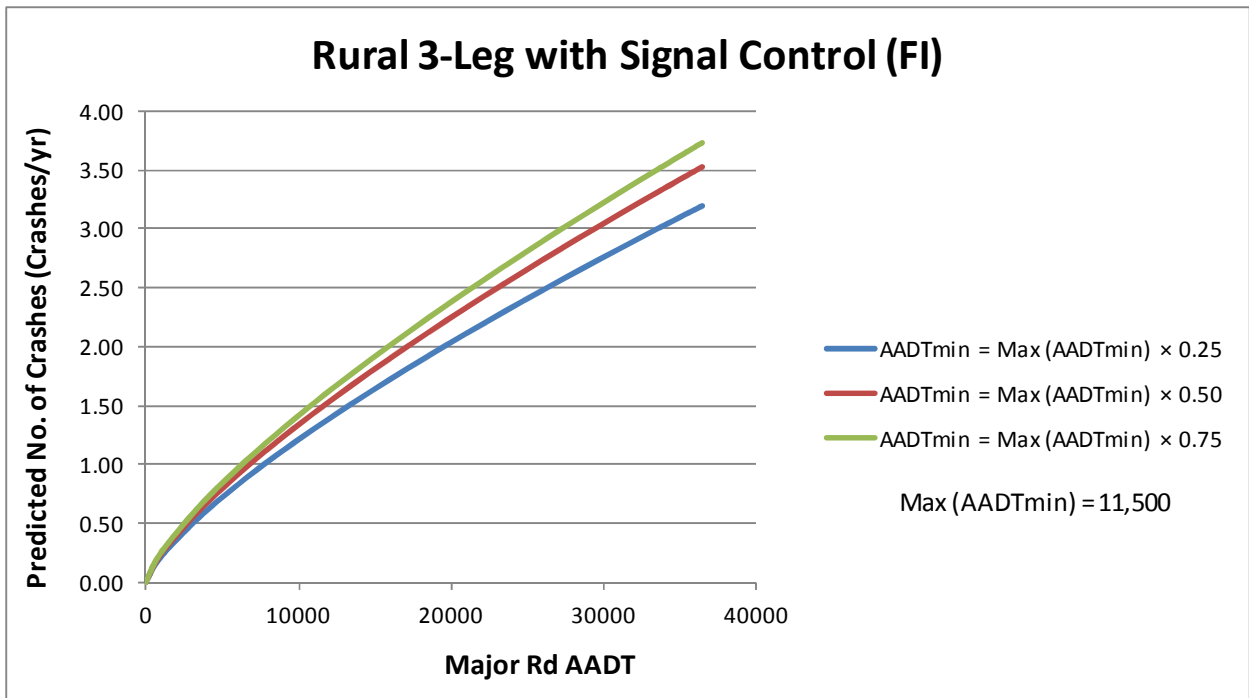
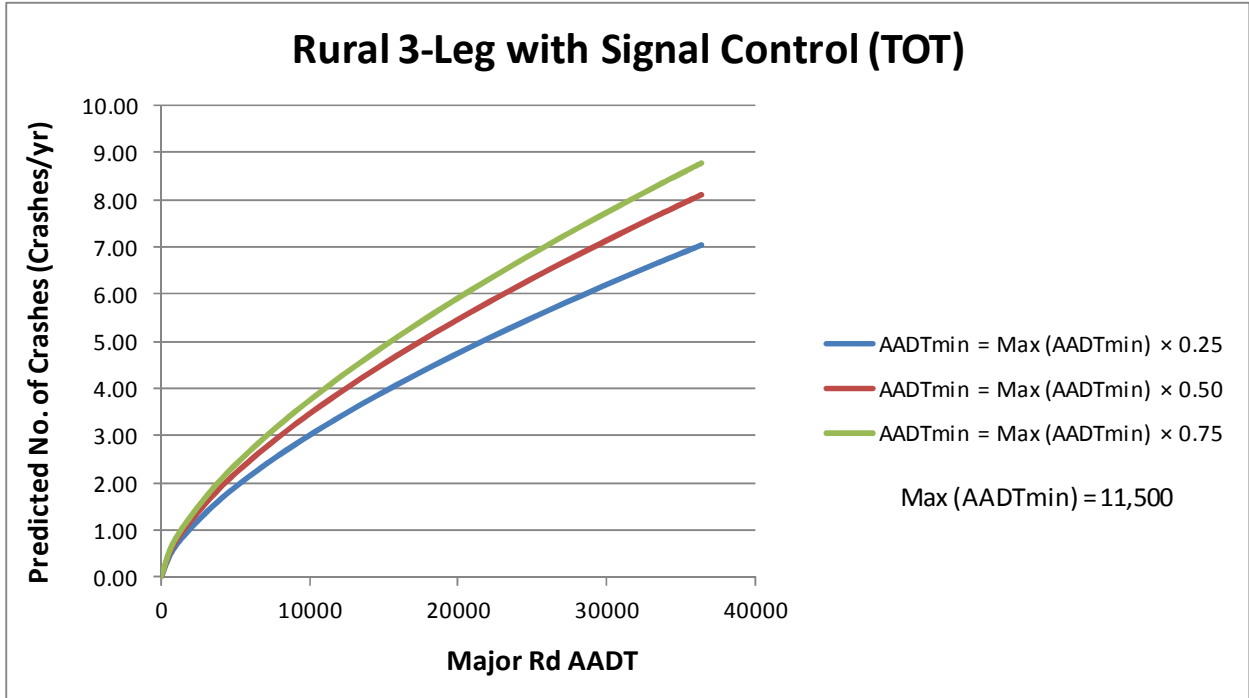
Rural 3-Leg with Minor-Rd Stop Control



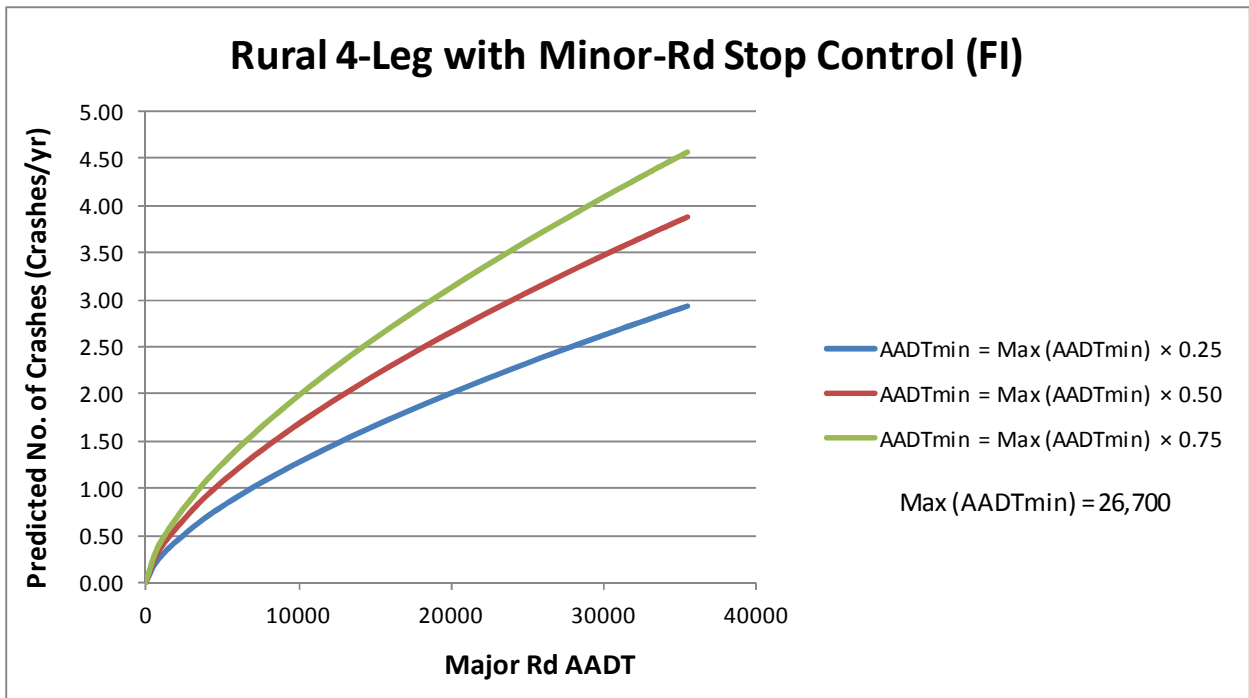
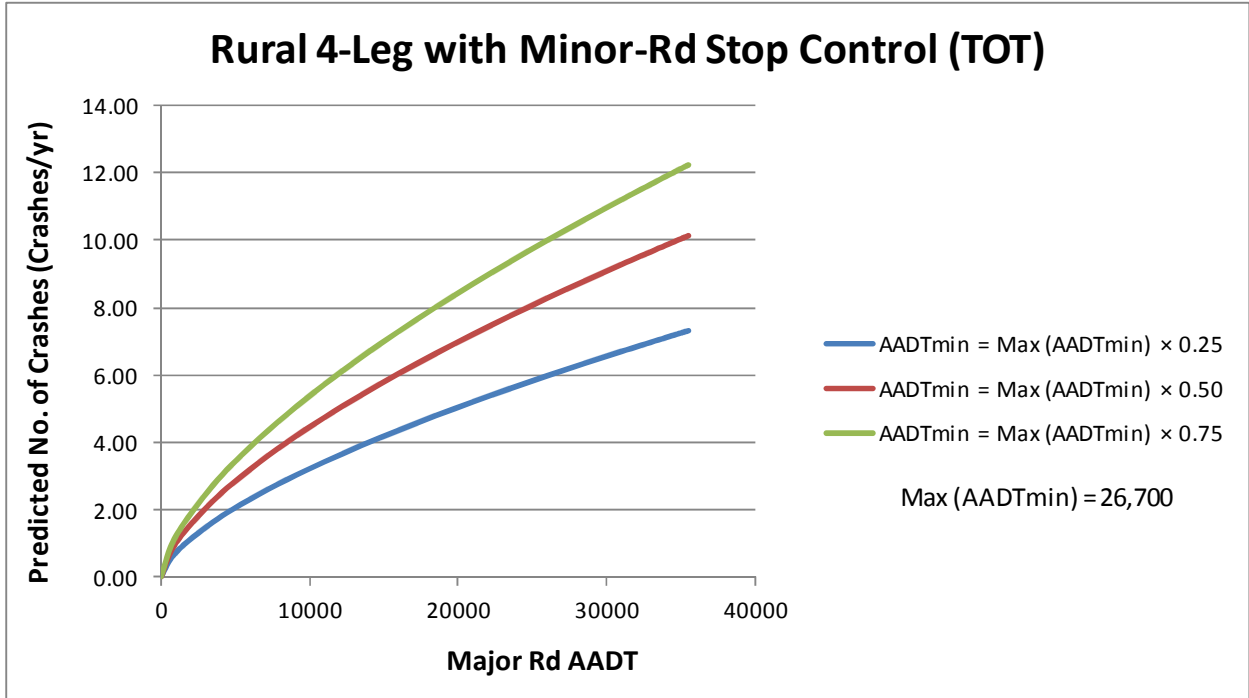
Rural 3-Leg with All-Way Stop Control



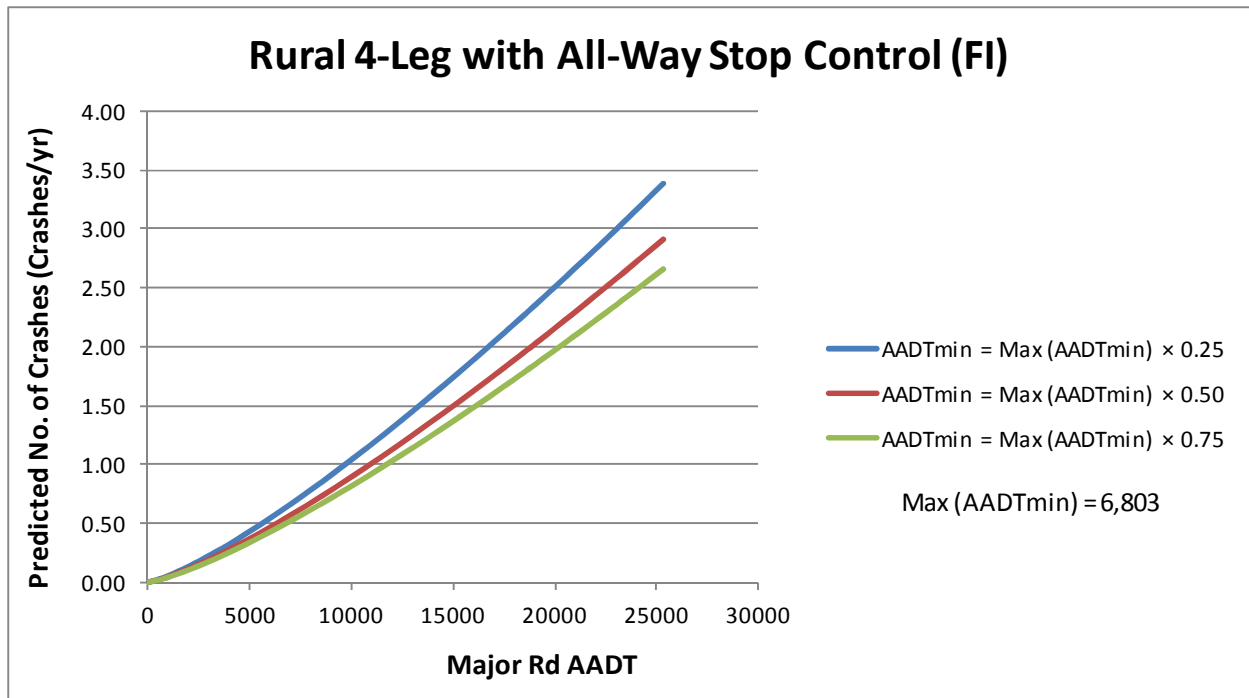
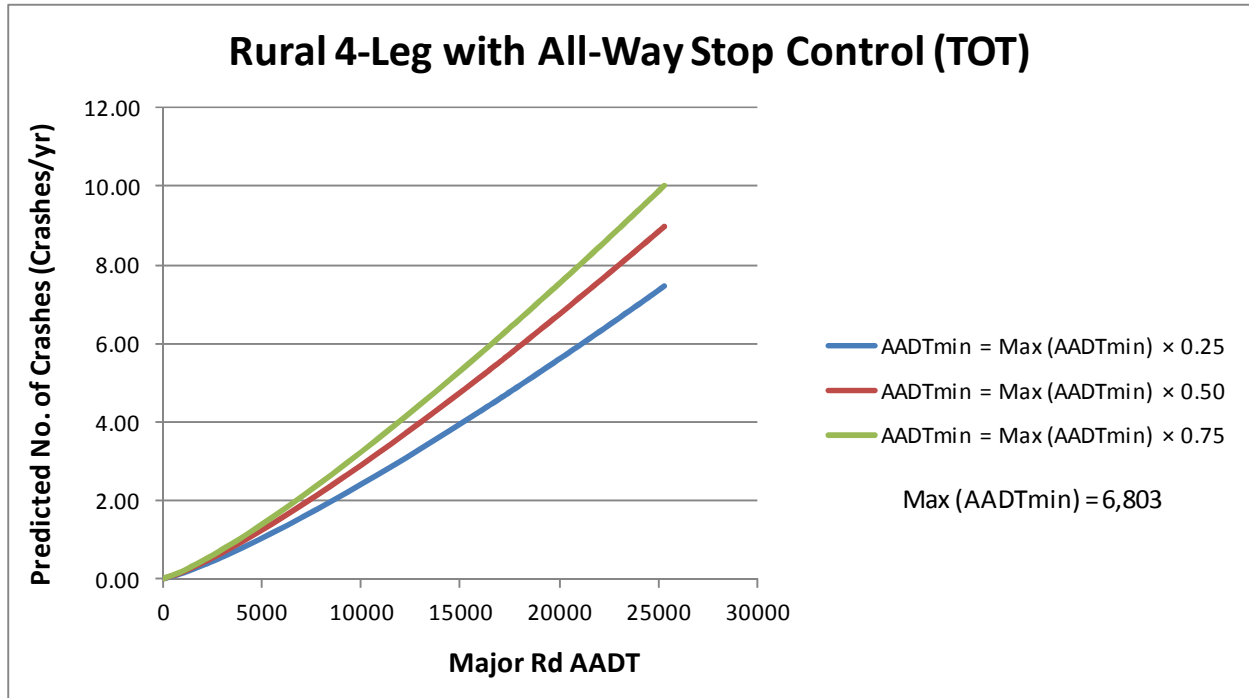
Rural 3-Leg with Signal Control



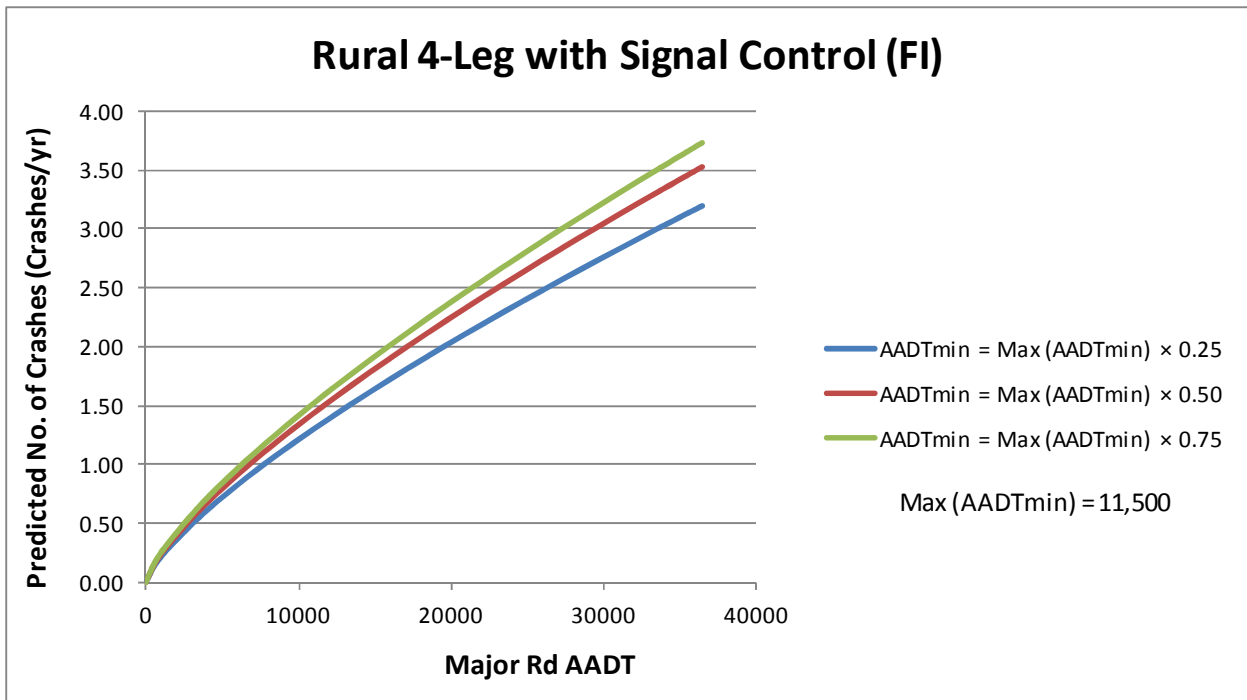
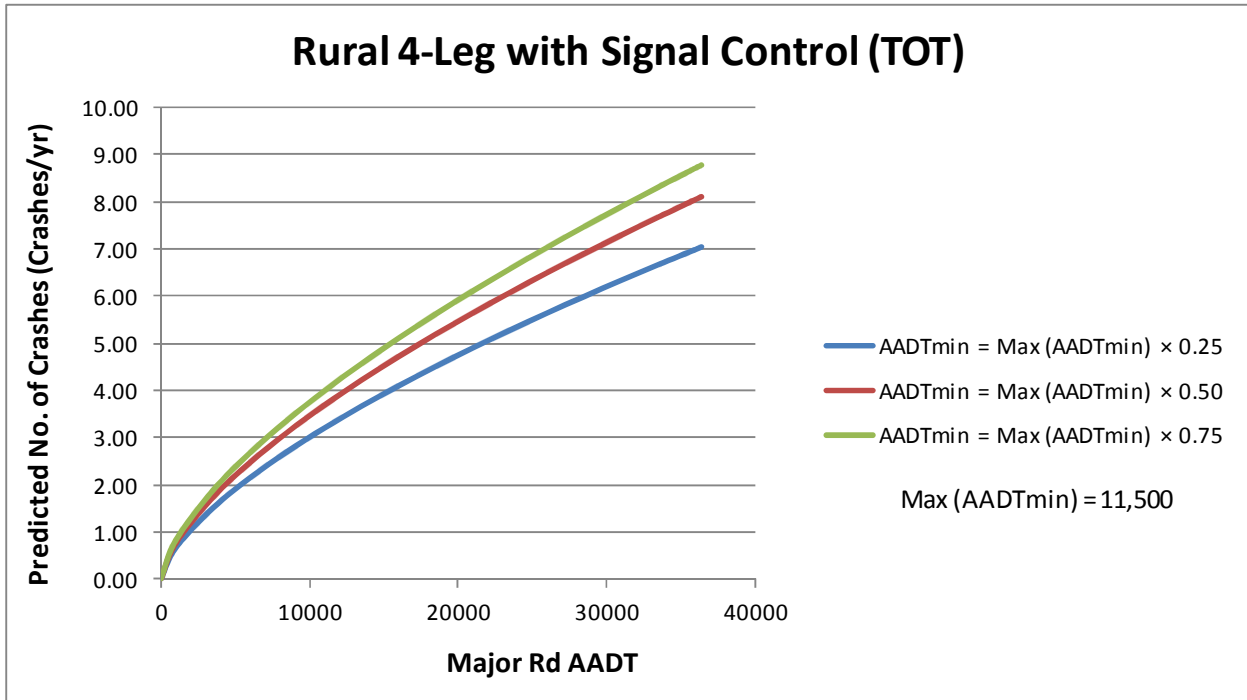
Rural 4-Leg with Minor-Rd Stop Control



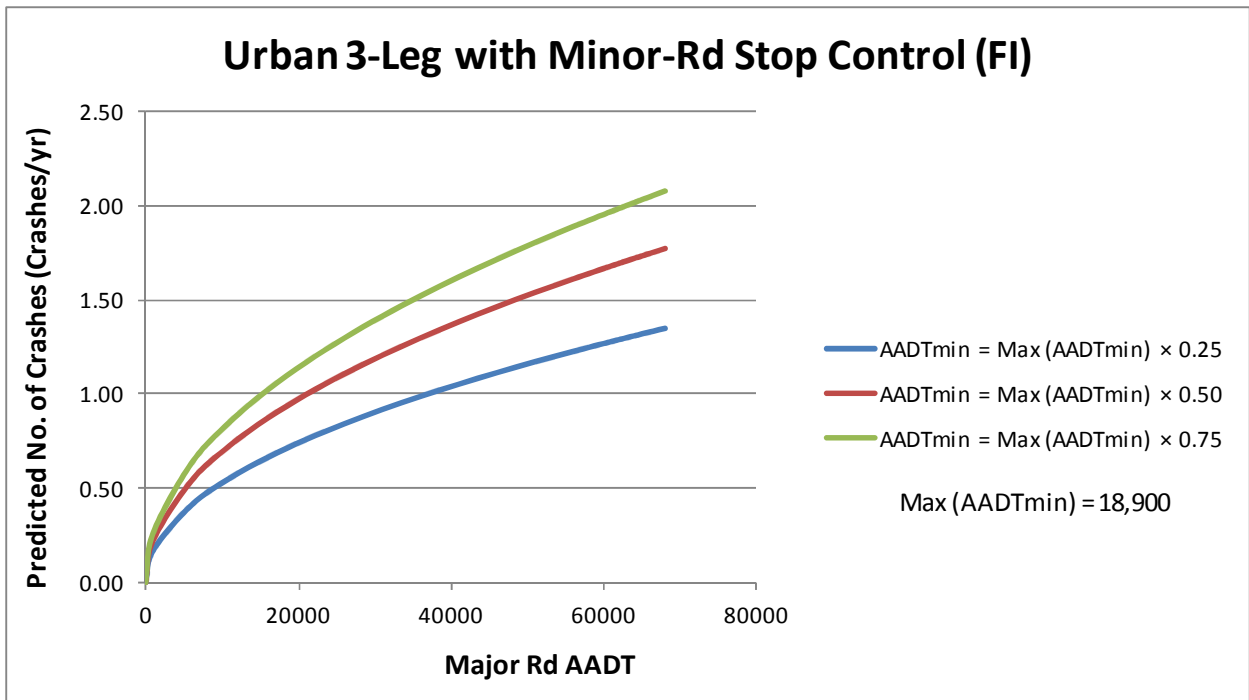
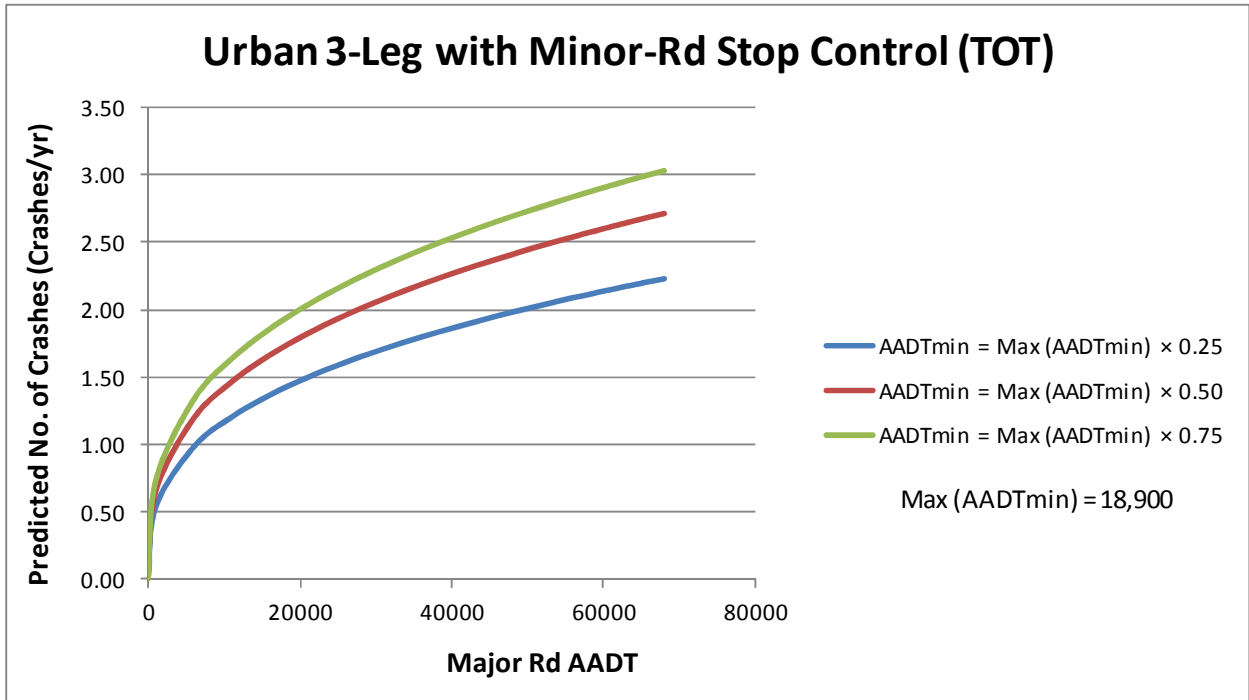
Rural 4-Leg with All-Way Stop Control



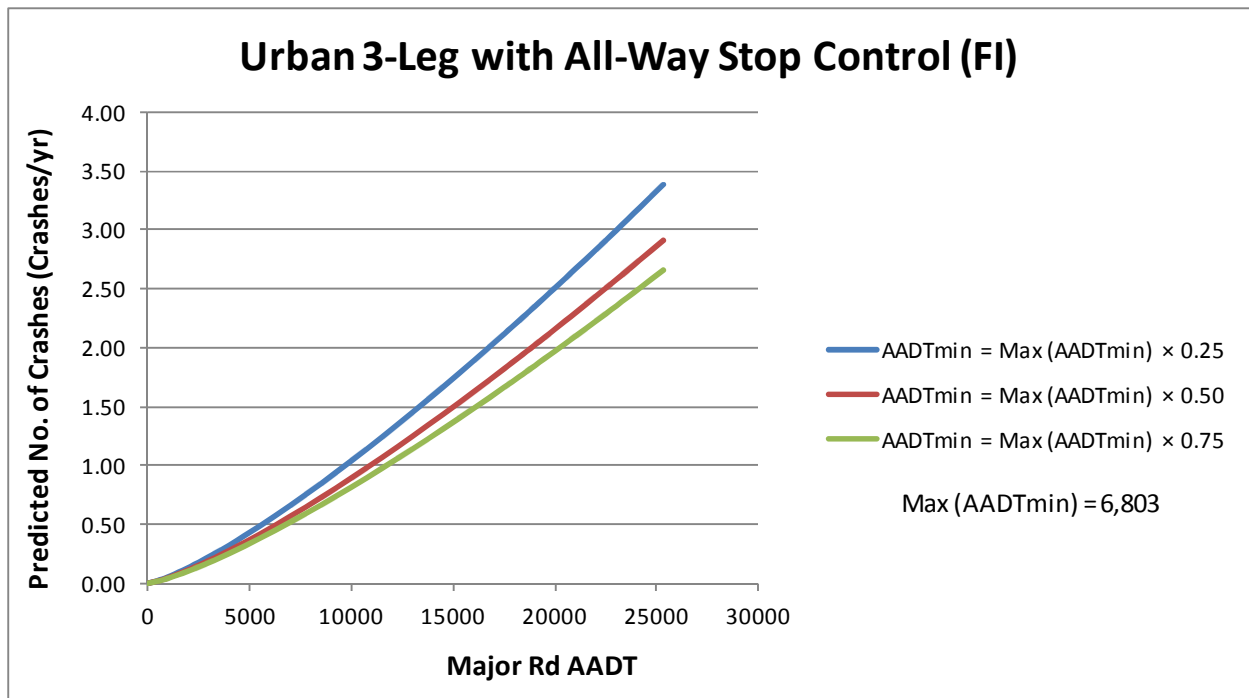
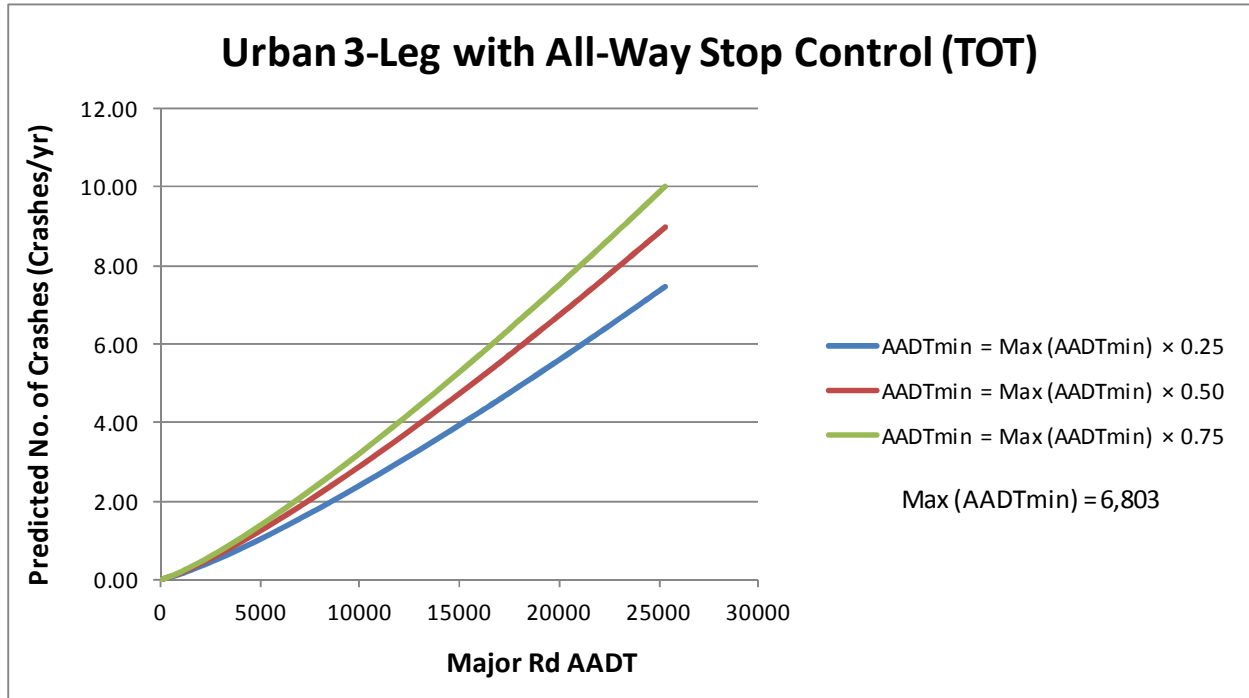
Rural 4-Leg with Signal Control



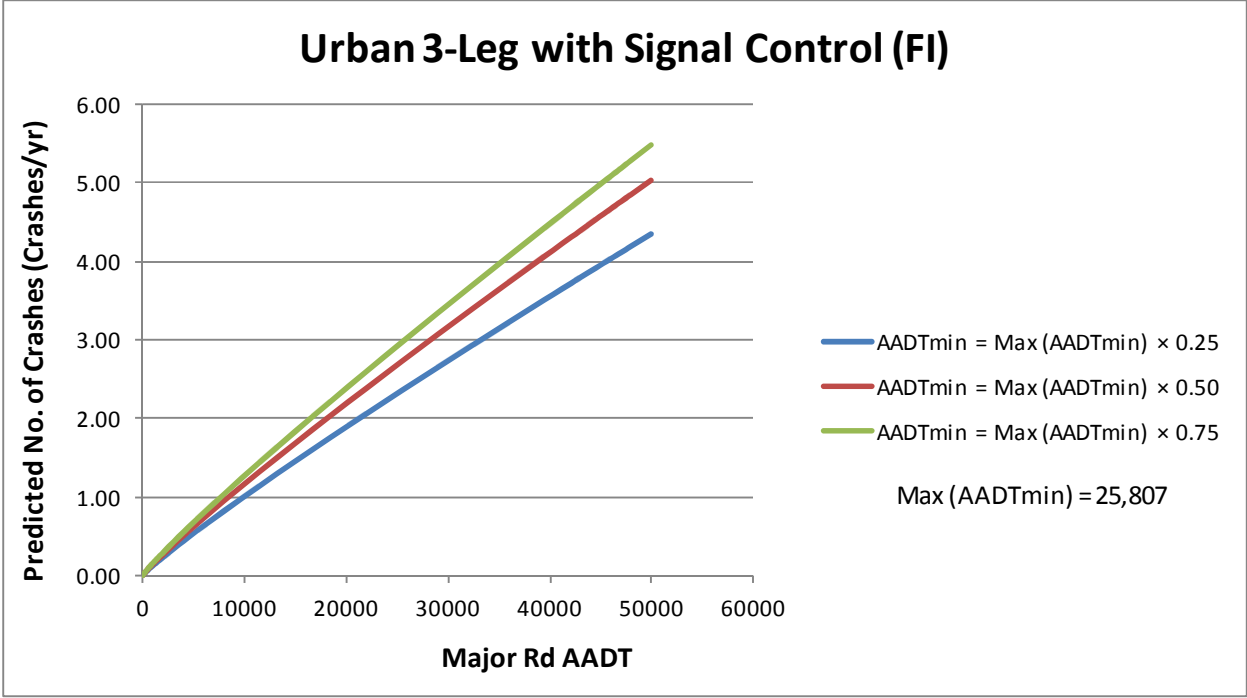
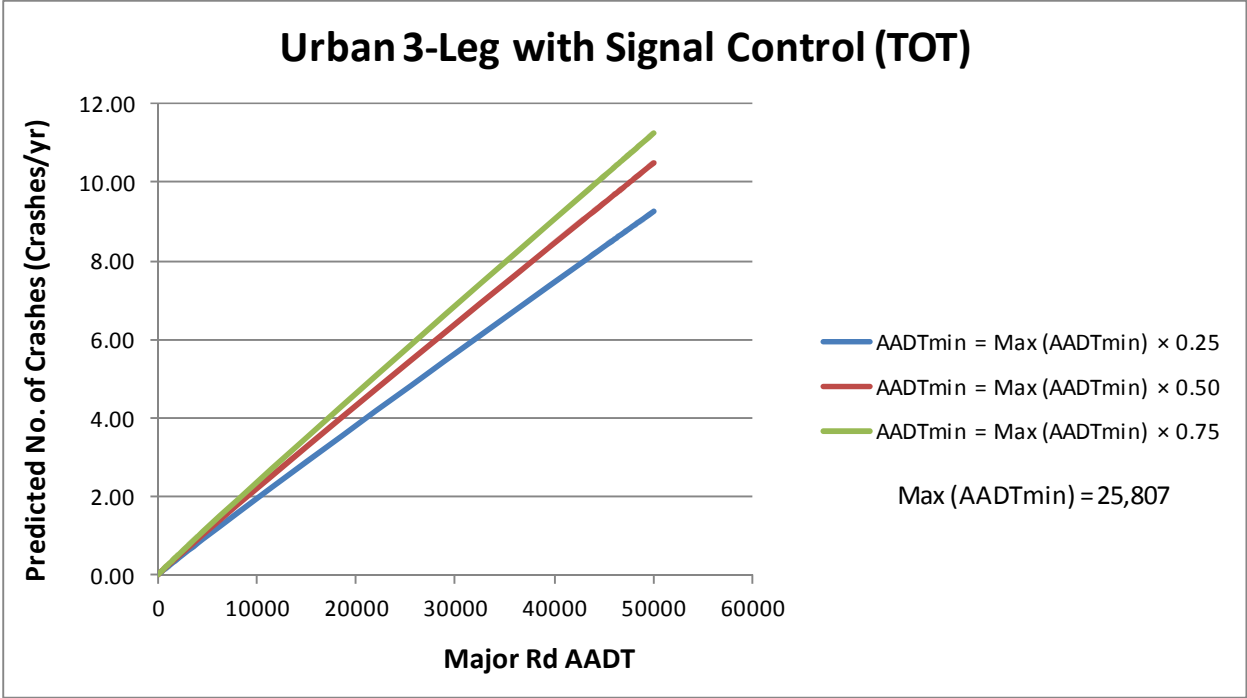
Urban 3-Leg with Minor-Rd Stop Control



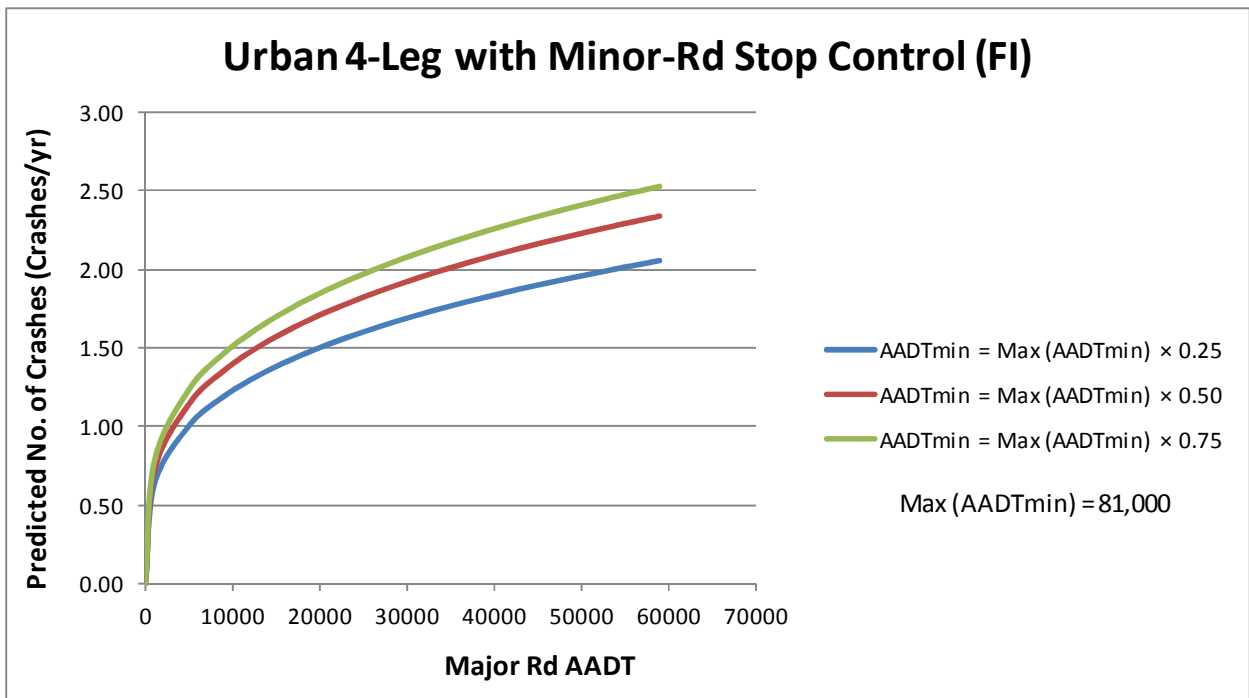
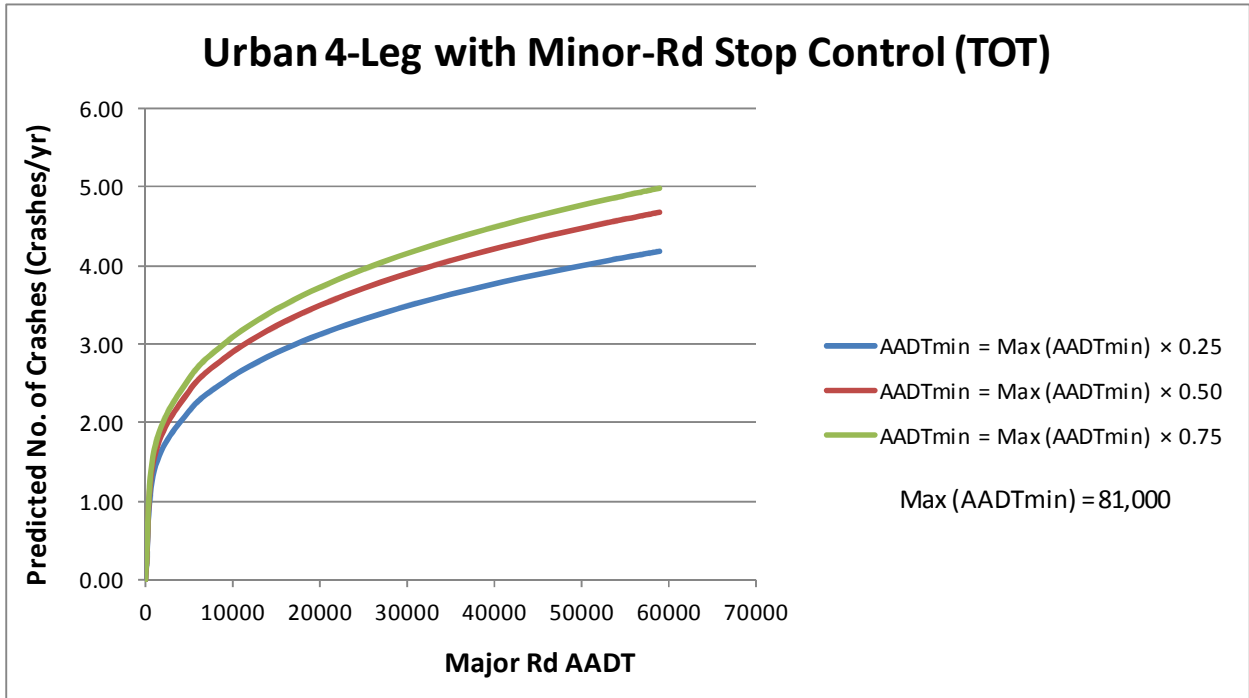
Urban 3-Leg with All-Way Stop Control



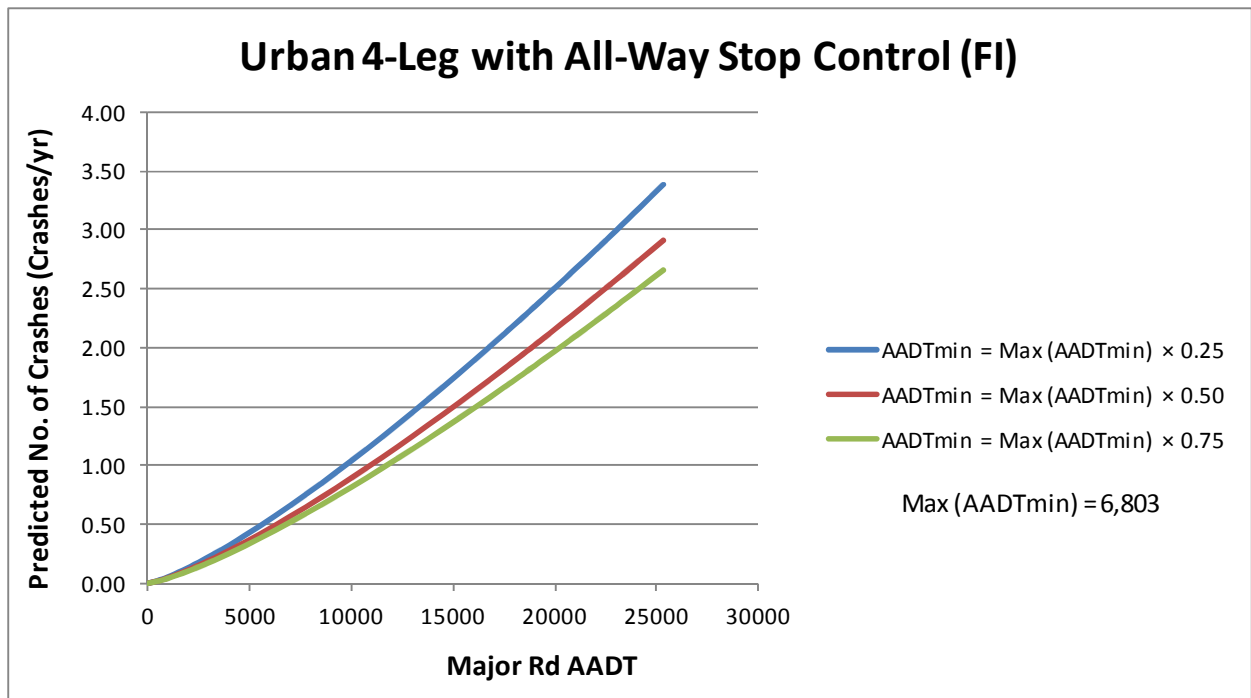
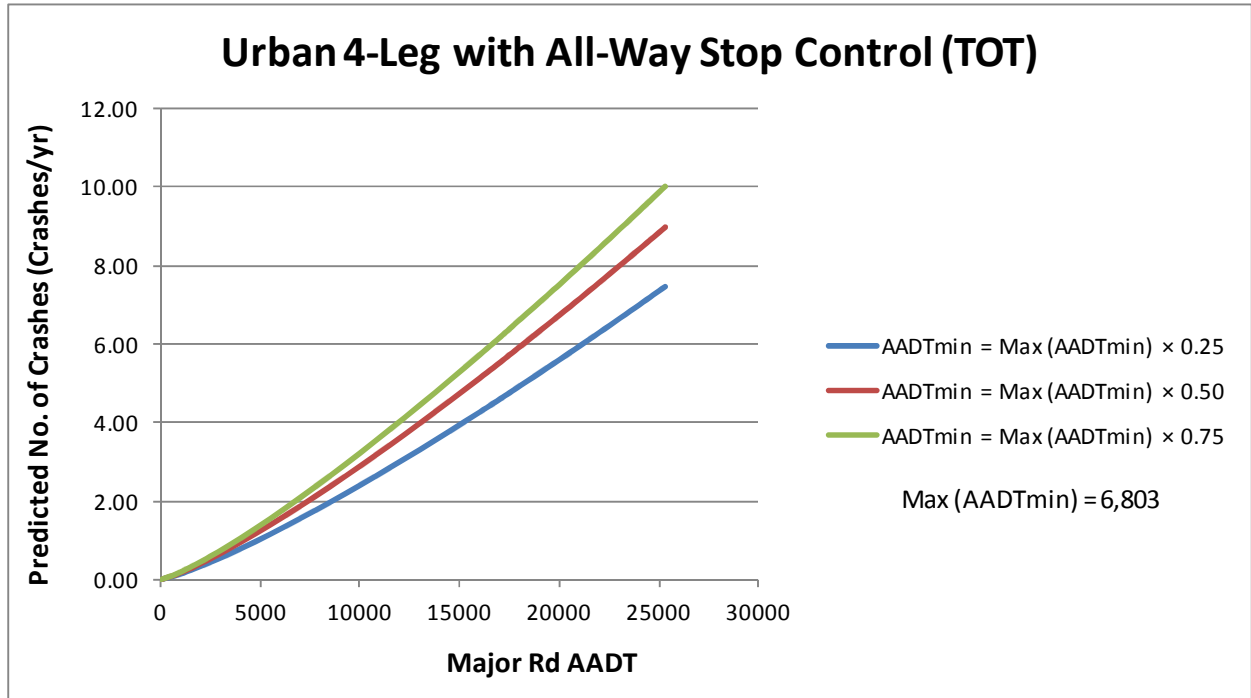
Urban 3-Leg with Signal Control



Urban 4-Leg with Minor-Rd Stop Control



Urban 4-Leg with All-Way Stop Control



Urban 4-Leg with Signal Control

