

SafetyAnalyst SPFs – Ramps

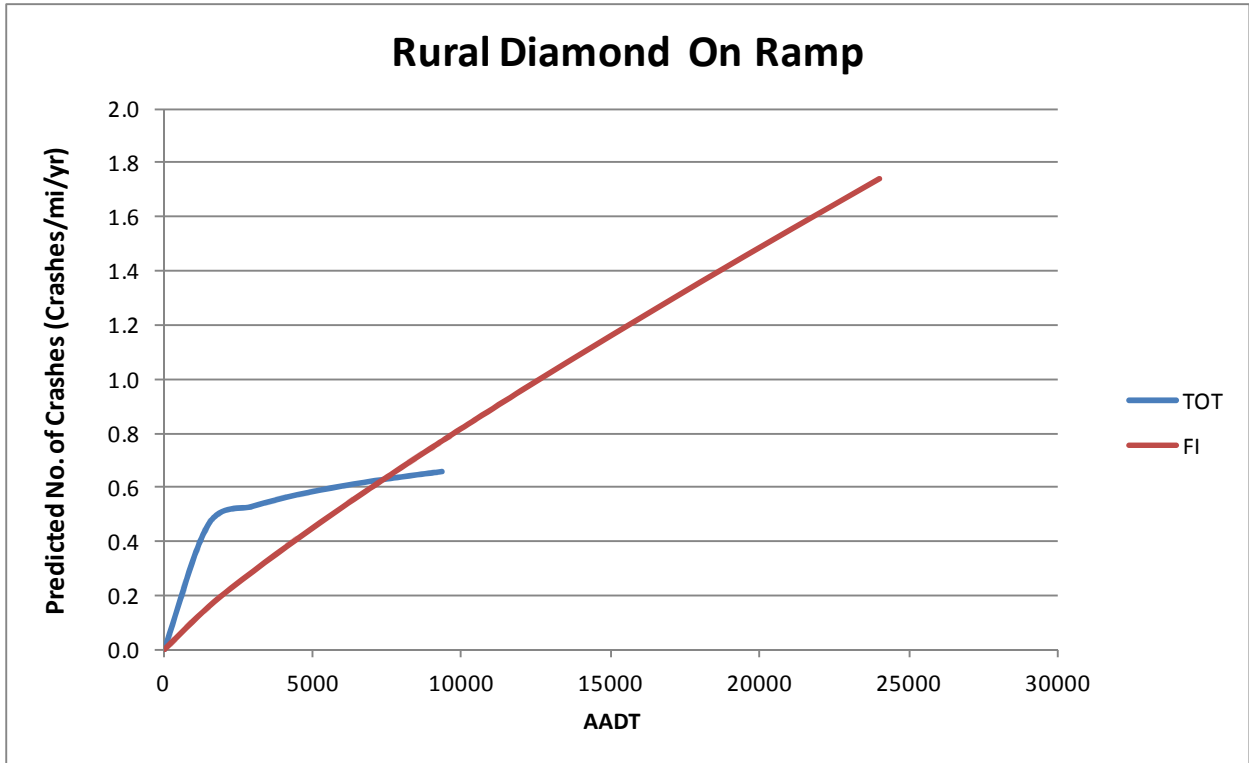
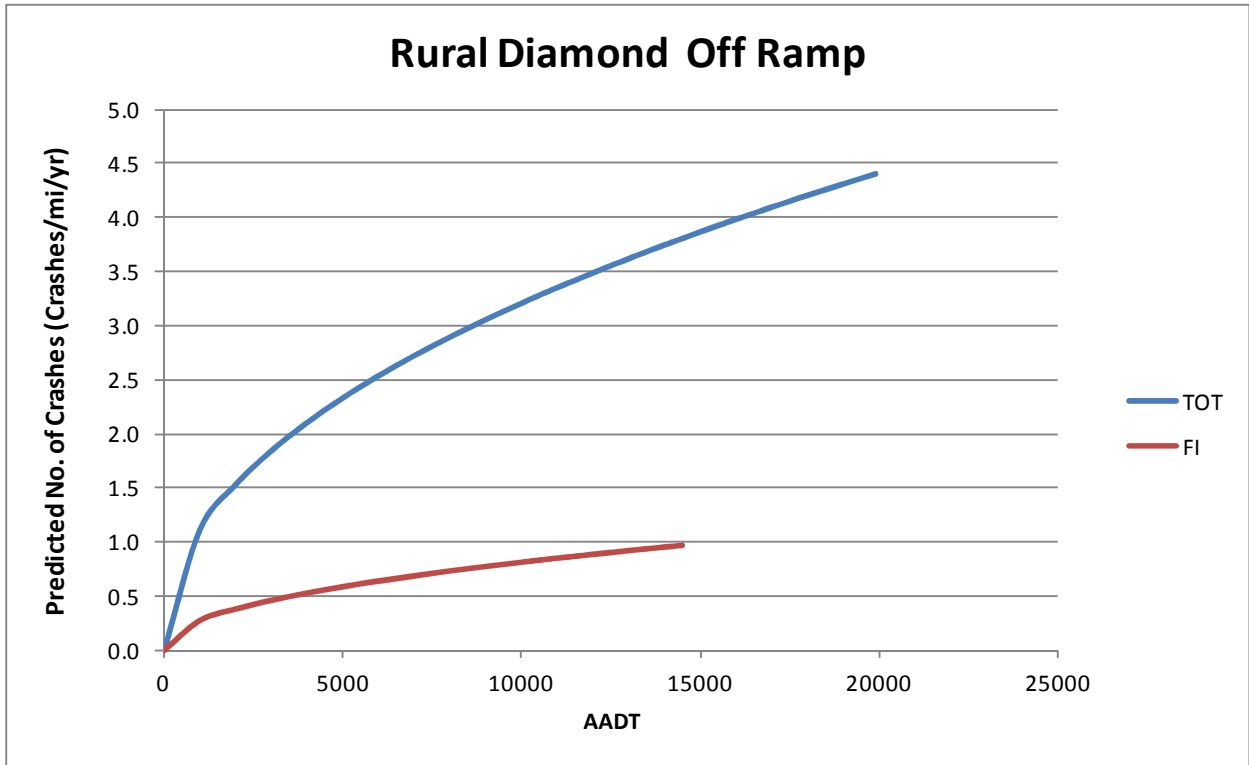
SPFs for Ramps (SPFs for Total Accidents)

Site Subtype Code	Site Subtype Description	State	Regression coefficients LogIntercept (α)	Regression coefficients LogAADT (β_1)	Over-dispersion parameter (d)	R_{FT}^2 (%)	Total Length of sites (mi)	Max AADT (veh/day)
301	Rural diamond off - ramps	WA	-3.07	0.46	1.34	10.2	59	19,907
302	Rural diamond on - ramps	WA	-2.16	0.19	1.86	0.9	30	9,342
303	Rural parclo loop off - ramps	WA	-1.15	0.26	0.12	11.3	2	6,613
304	Rural parclo loop on - ramps	WA	-5.59	0.82	0.97	14.2	2	13,480
305	Rural free - flow loop off - ramps	WA	-5.10	0.78	1.69	25.2	3	19,907
306	Rural free - flow loop on - ramps	WA	-1.17	0.35	2.32	6.8	4	29,767
307	Rural free - flow outer connection ramps	WA	-2.83	0.49	0.86	11.4	15	20,709
308	Rural direct and semidirect connection ramps	WA	-3.21	0.56	1.74	11.3	14	96,716
351	Urban diamond off - ramps	WA	-3.52	0.54	1.15	7.5	28	19,907
352	Urban diamond on - ramps	WA	-8.20	1.03	1.21	19.8	26	25,077
353	Urban parclo loop off - ramps	WA	-1.15	0.26	0.12	11.3	2	6,613
354	Urban parclo loop on - ramps	WA	-5.59	0.82	0.97	14.2	2	13,480
355	Urban free - flow loop off - ramps	WA	-4.60	0.73	1.32	27.1	3	19,907
356	Urban free - flow loop on - ramps	WA	-0.55	0.29	2.42	4	3	29,767
357	Urban free - flow outer connection ramps	WA	-3.50	0.57	0.77	11.1	11	20,709
358	Urban direct and semidirect connection ramps	WA	-1.28	0.35	1.47	5.6	11	96,716

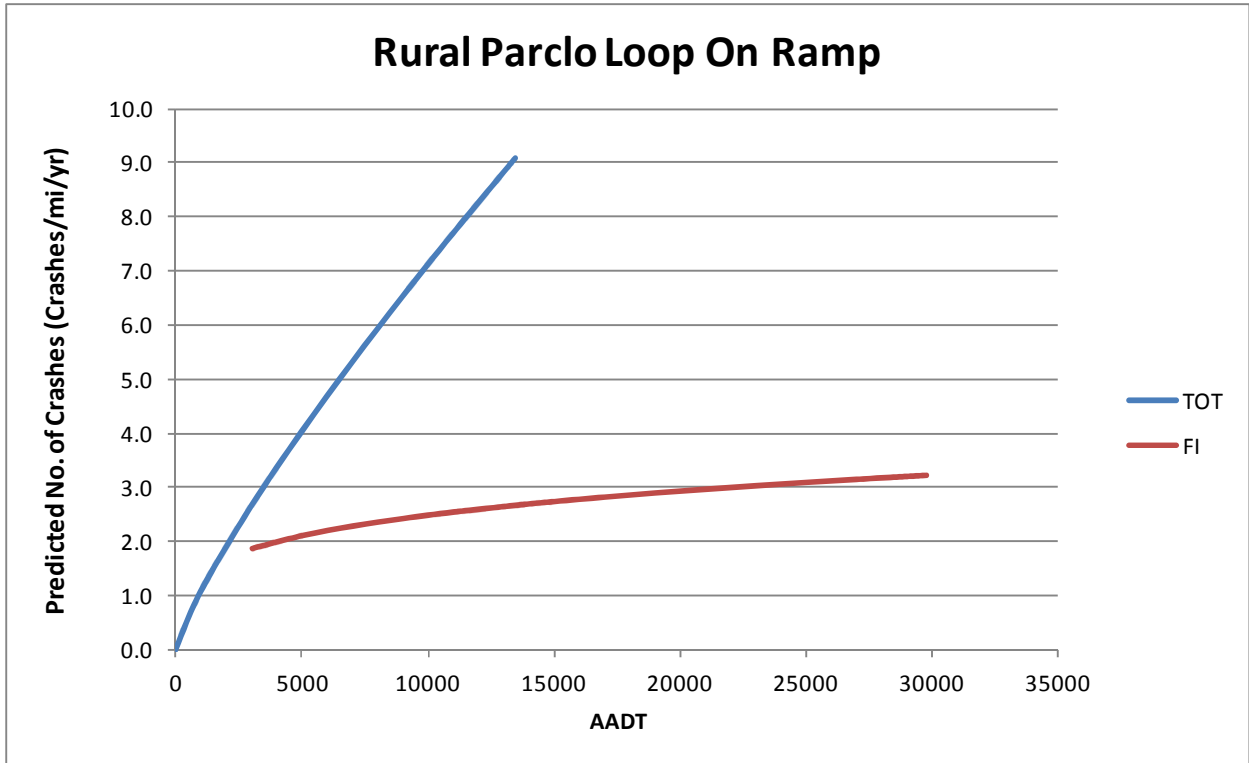
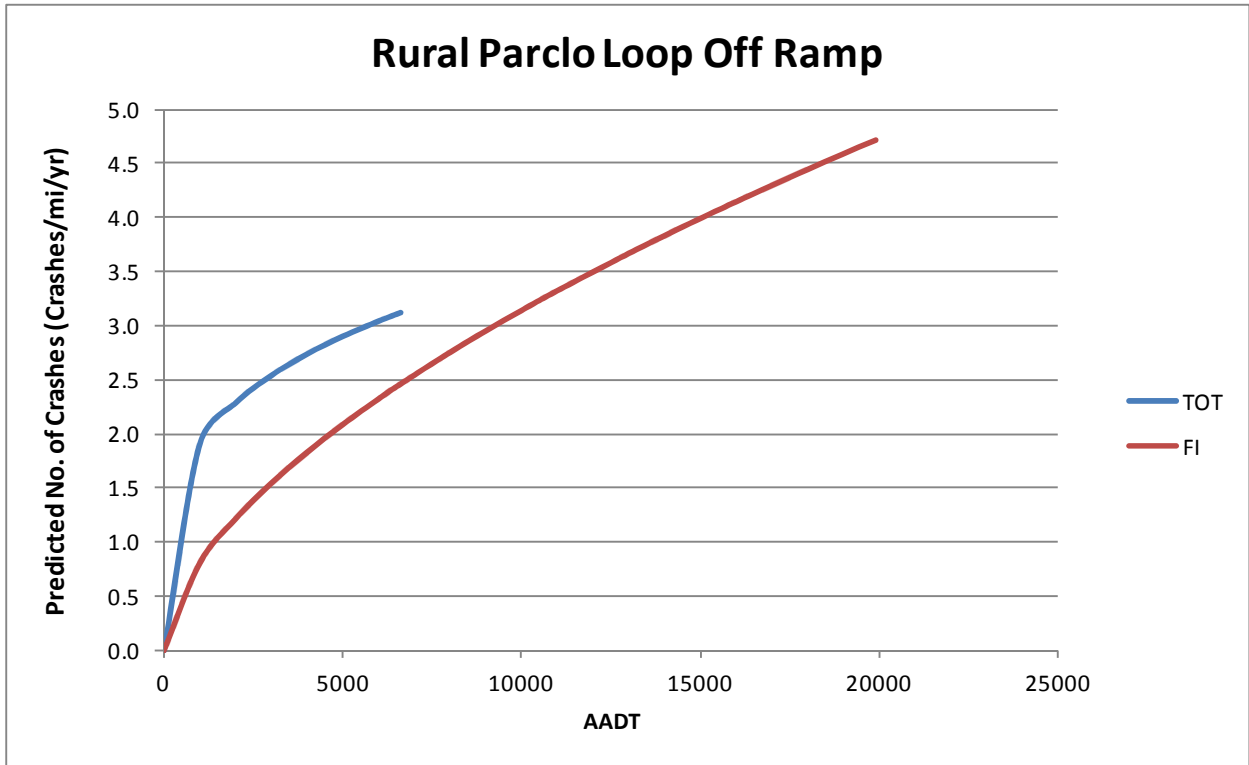
SPFs for Ramps (SPFs for FI Accidents)

Site Subtype Code	Site Subtype Description	State	Regression coefficients LogIntercept (α)	Regression coefficients LogAADT (β_1)	Over-dispersion parameter (d)	R_{FT}^2 (%)	Total Length of sites (mi)	Max AADT (veh/day)
301	Rural diamond off - ramps	WA	-4.54	0.47	2.66	2.8	31	14,525
302	Rural diamond on - ramps	WA	-8.12	0.86	0.98	9.1	55	25,077
303	Rural parclo loop off - ramps	WA	-4.29	0.59	0.94	18.4	3	19,907
304	Rural parclo loop on - ramps	WA	-1.3	0.24	1.02	4.1	4	29,767
305	Rural free - flow loop off - ramps	WA	-4.29	0.59	0.94	18.4	3	19,907
306	Rural free - flow loop on - ramps	WA	-1.30	0.24	1.02	4.1	4	29,767
307	Rural free - flow outer connection ramps	WA	-4.89	0.61	0.27	12.3	15	20,709
308	Rural direct and semidirect connection ramps	WA	-4.22	0.55	1.39	9.4	14	96,716
351	Urban diamond off - ramps	WA	-3.86	0.47	1.94	3	28	19,907
352	Urban diamond on - ramps	WA	-8.00	0.86	0.69	9.6	26	25,077
353	Urban parclo loop off - ramps	WA	-3.68	0.53	0.67	19.3	3	19,907
354	Urban parclo loop on - ramps	WA	-1.34	0.24	1.2	3.2	3	29,767
355	Urban free - flow loop off - ramps	WA	-3.68	0.53	0.67	19.3	3	19,907
356	Urban free - flow loop on - ramps	WA	-1.34	0.24	1.2	3.2	3	29,767
357	Urban free - flow outer connection ramps	WA	-6.12	0.75	0.39	12.9	11	20,709
358	Urban direct and semidirect connection ramps	WA	-2.50	0.37	1.37	4.7	11	96,716

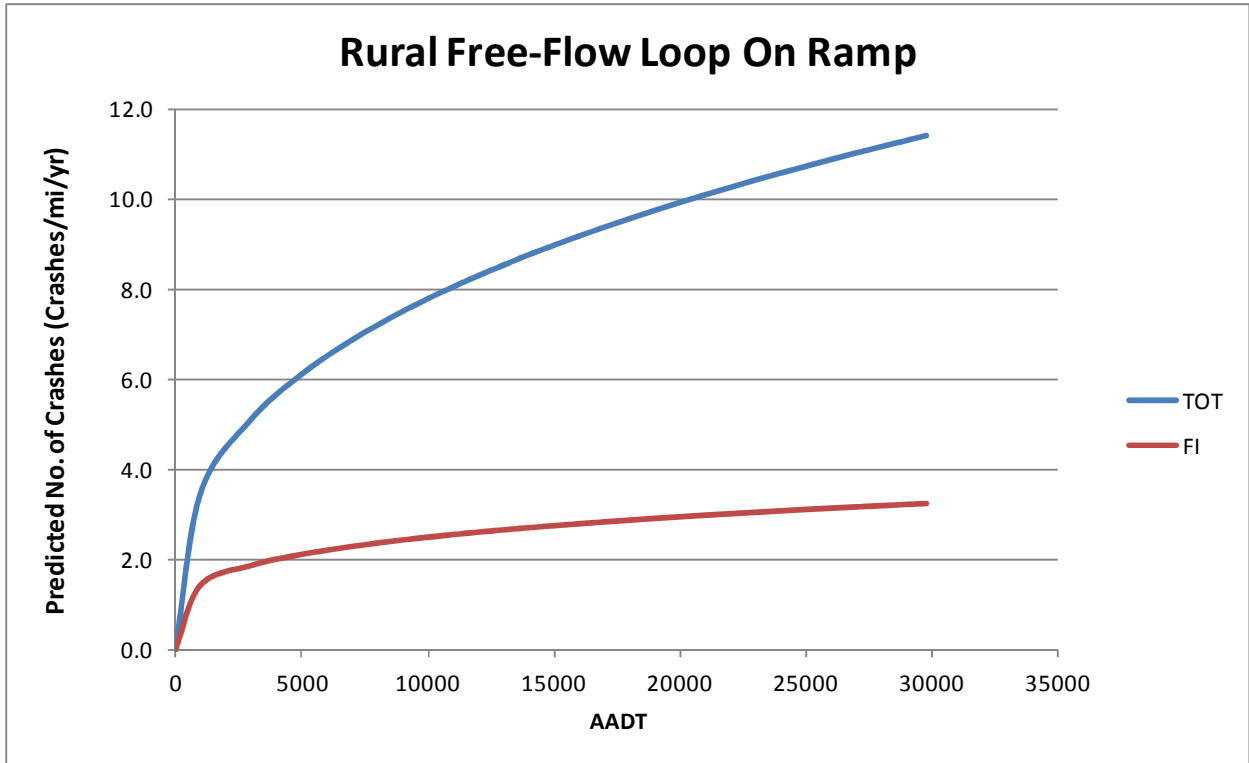
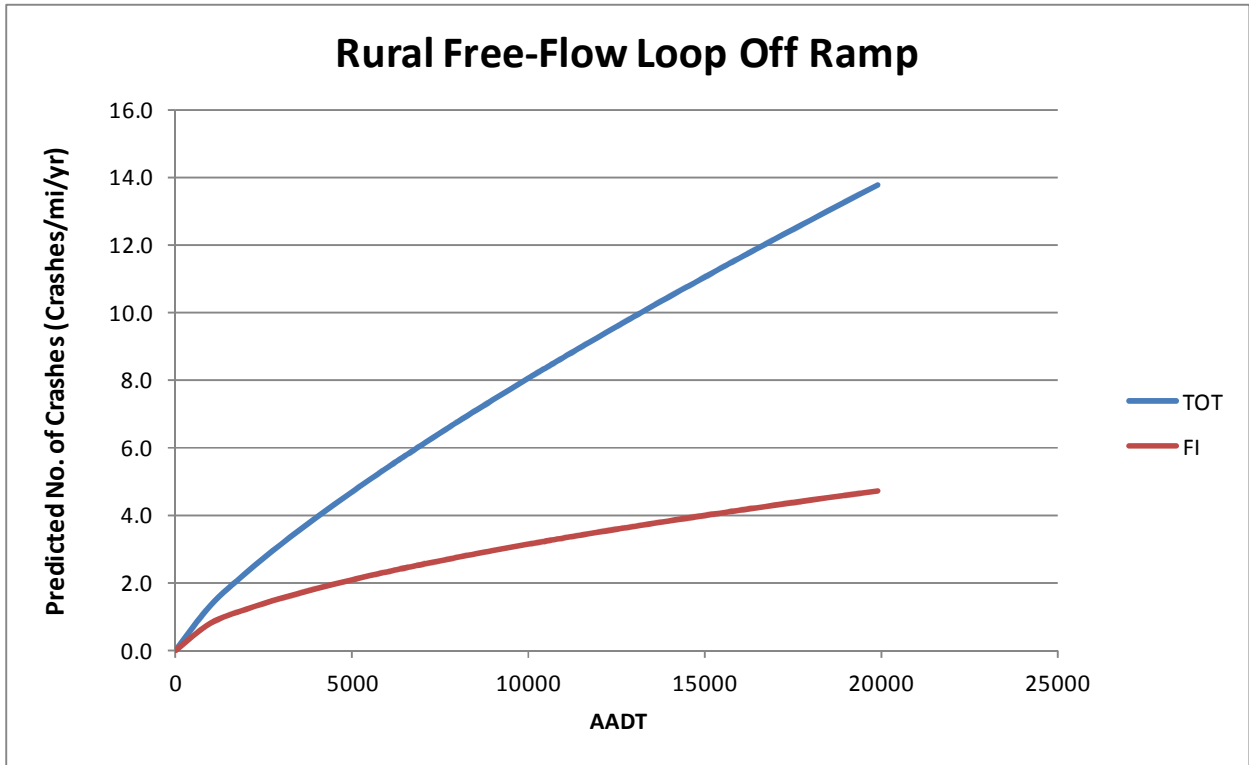
Rural Diamond Ramps



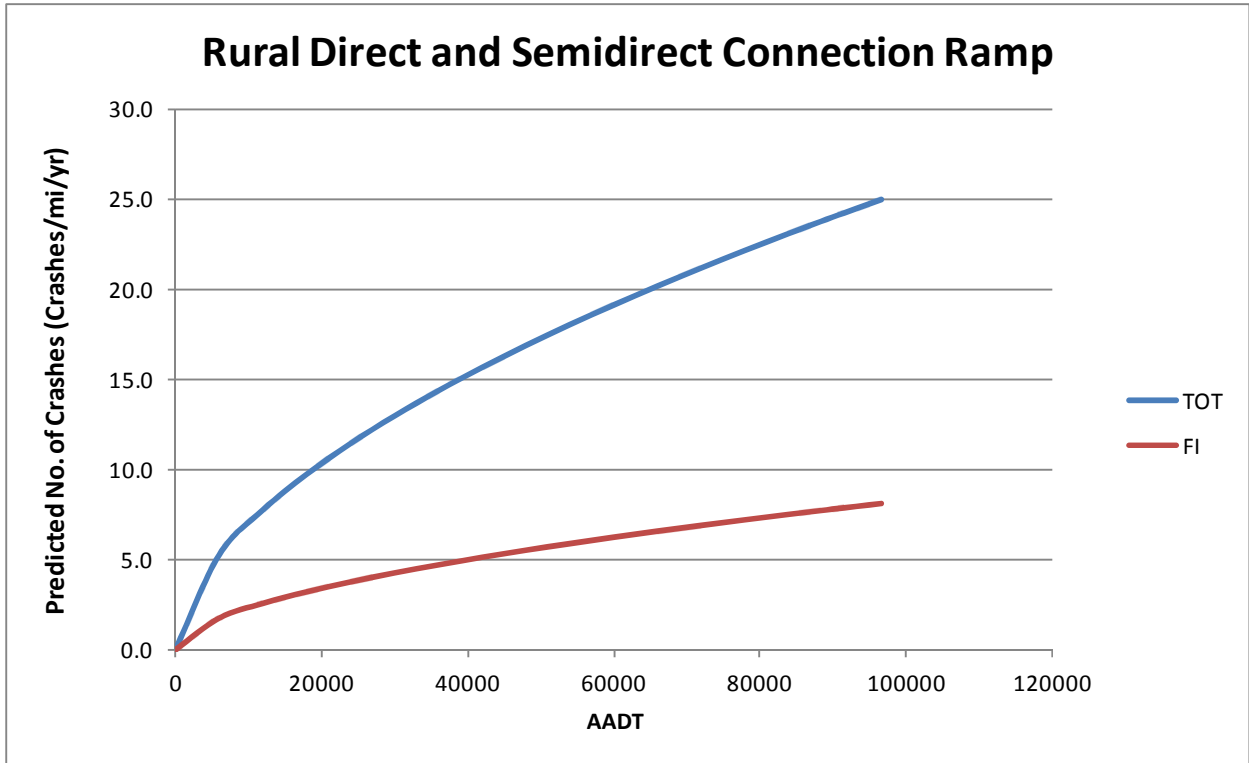
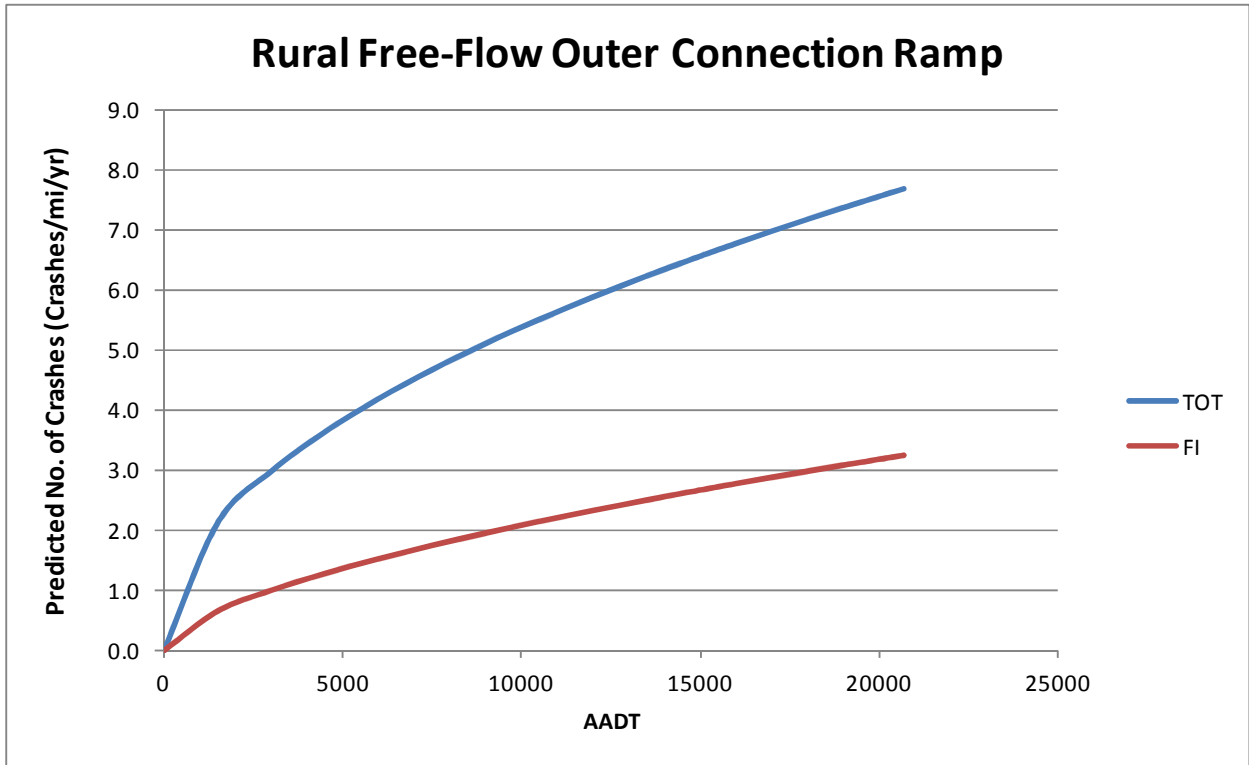
Rural Parclo Loop Ramps



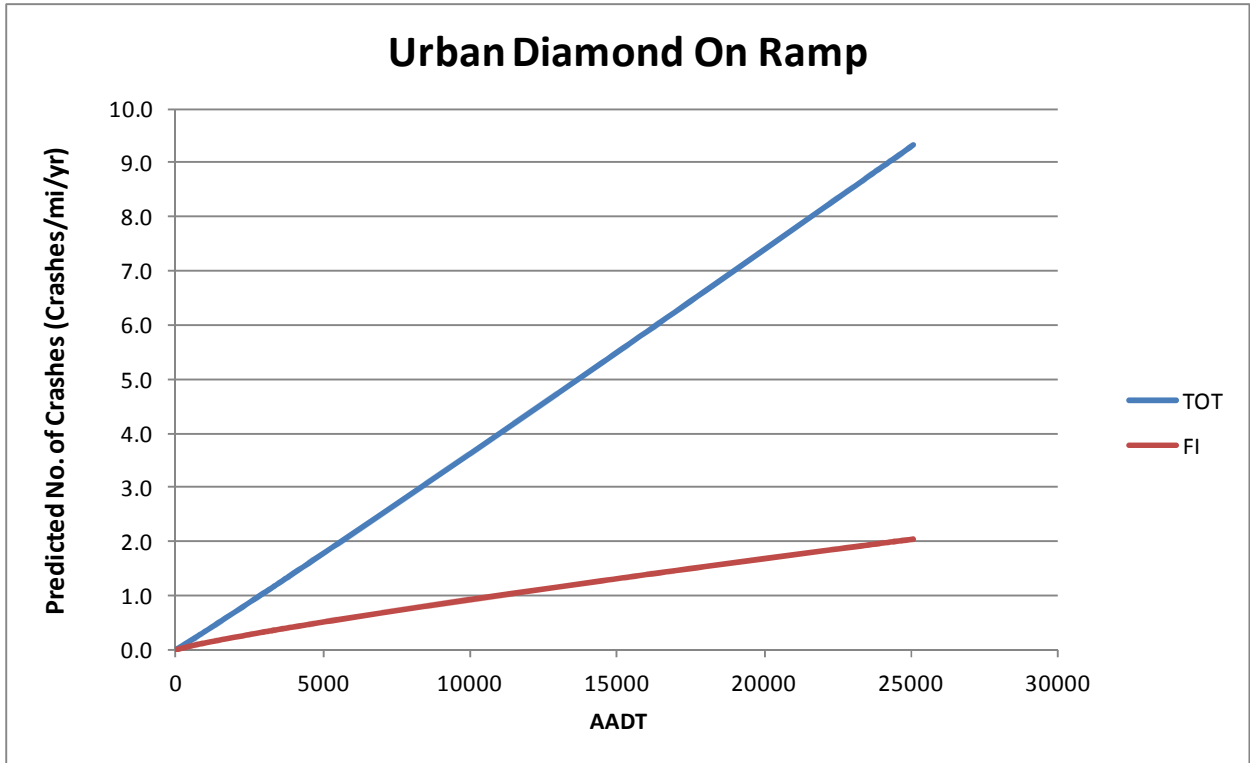
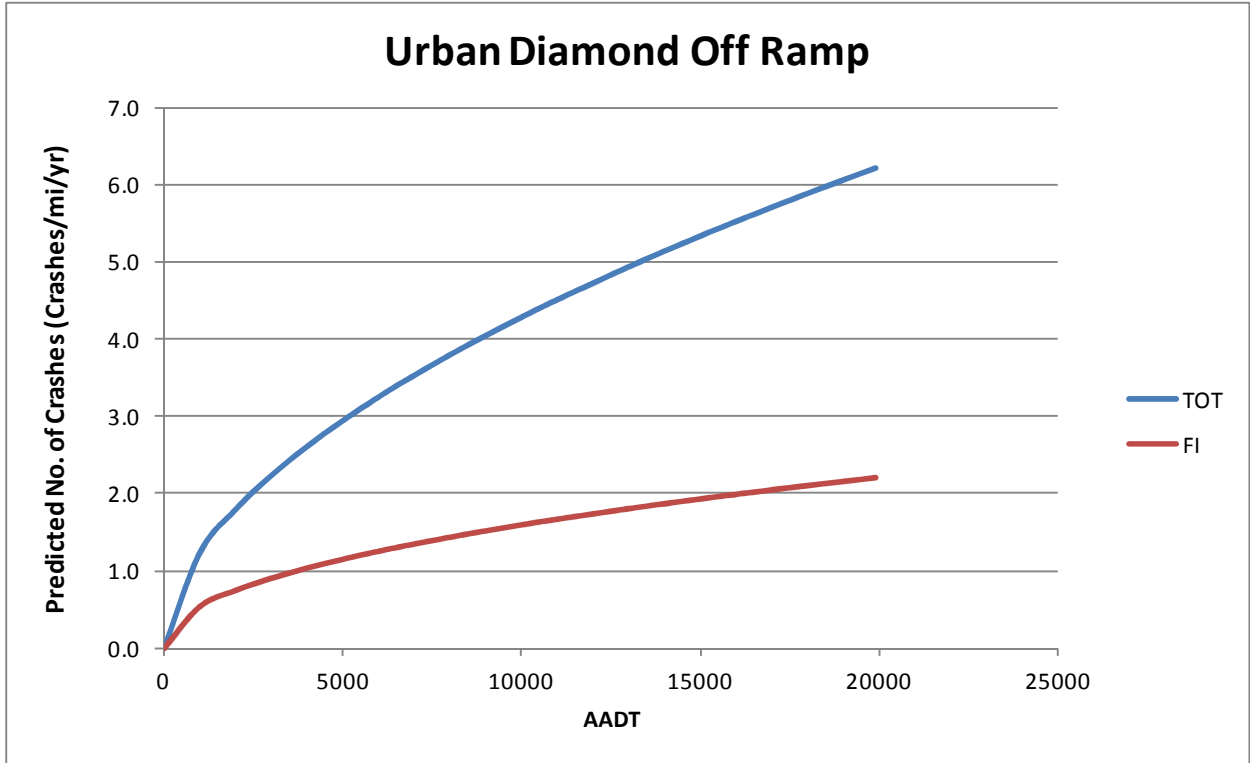
Rural Free-Flow Loop Ramps



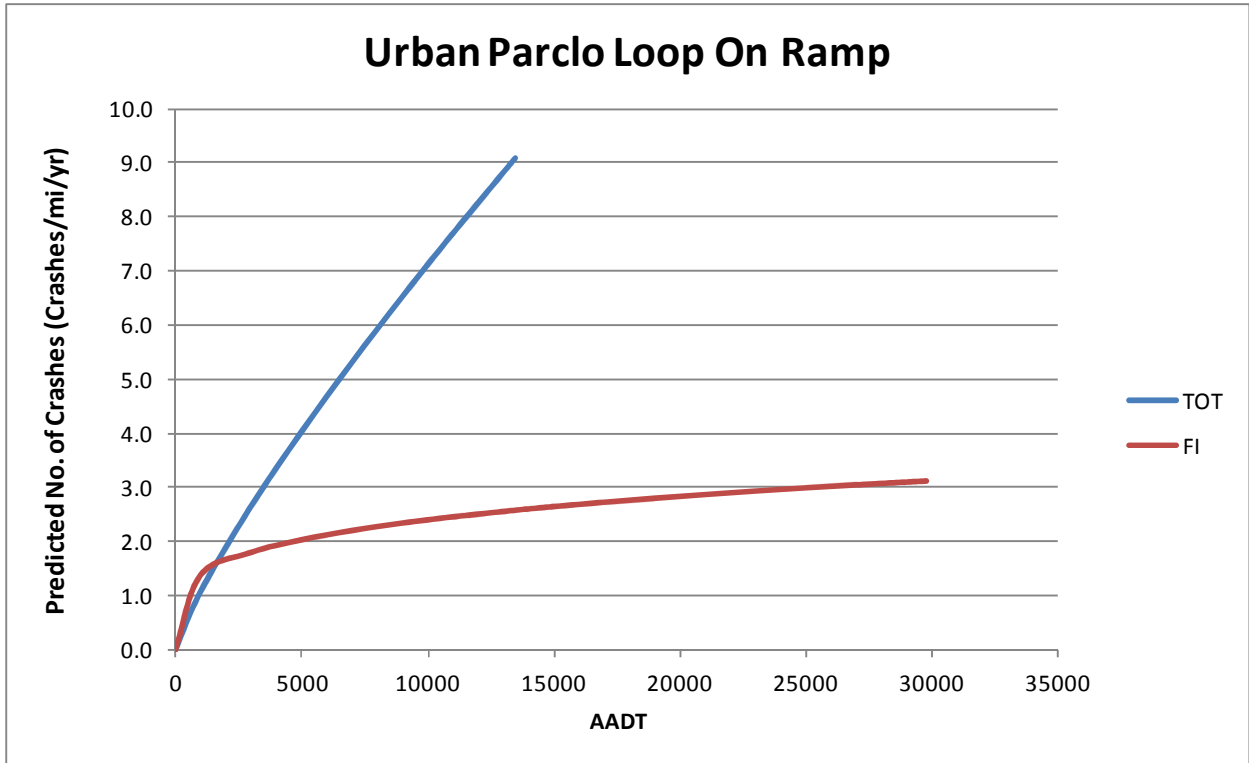
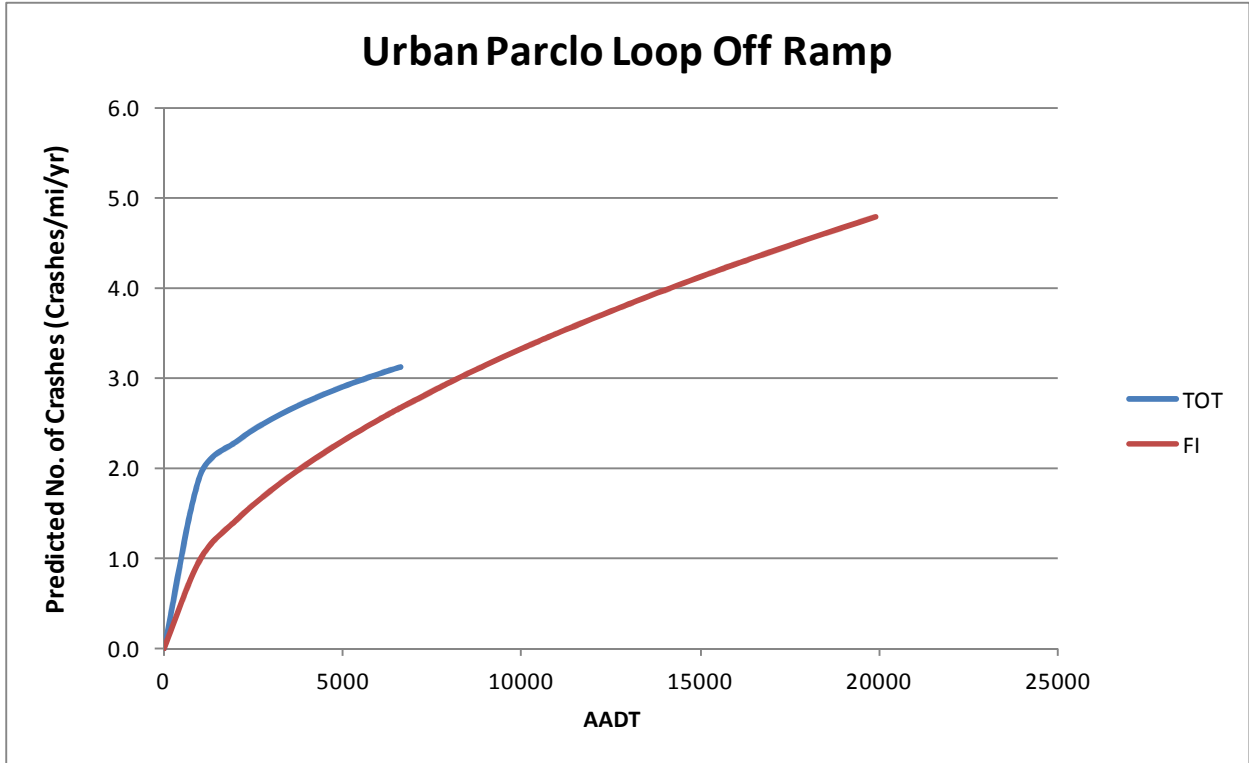
Rural Outer Connection and Direct and Semidirect Connection Ramps



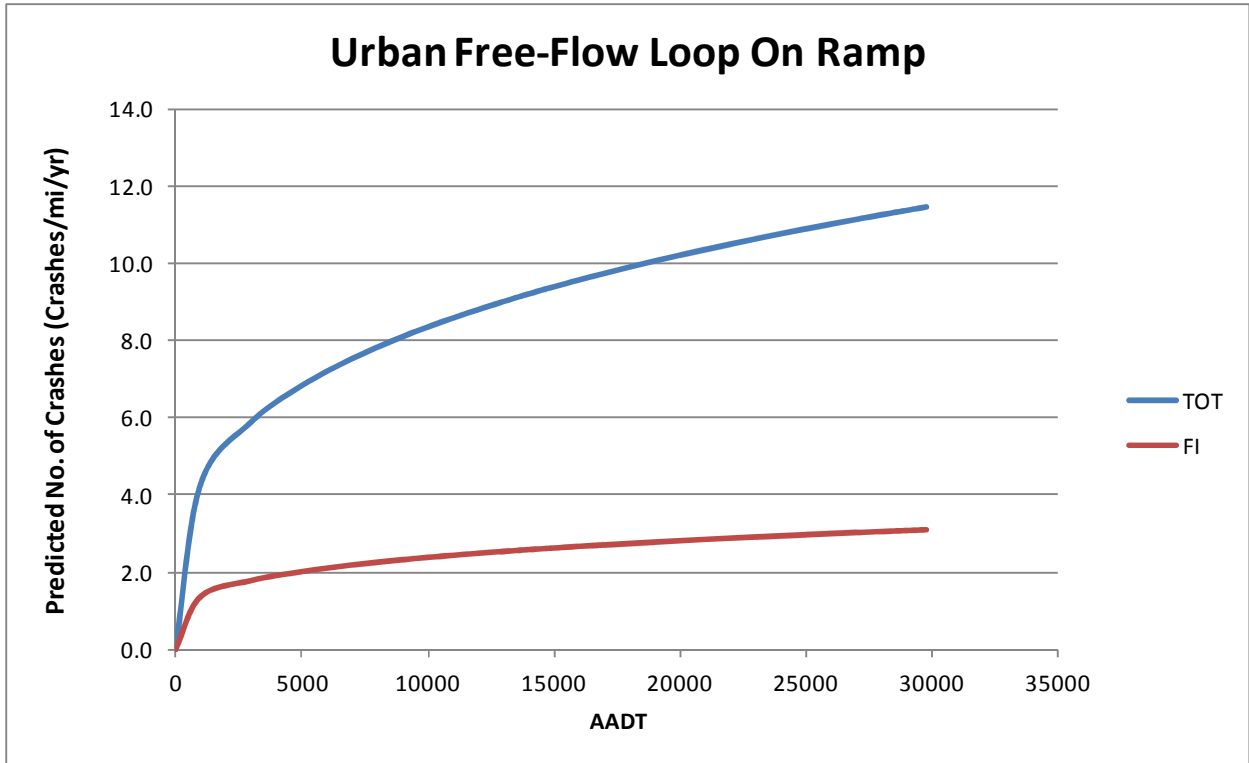
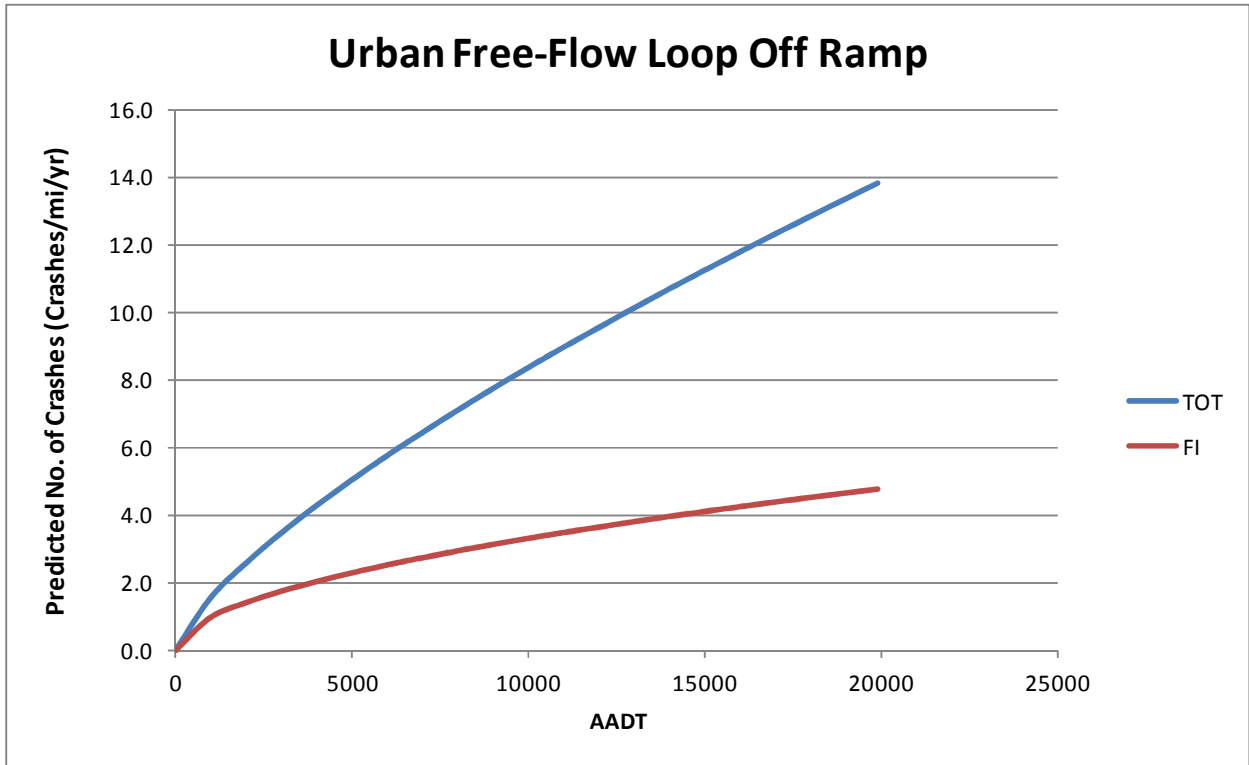
Urban Diamond Ramps



Urban Parclo Loop Ramps



Urban Free-Flow Loop Ramps



Urban Outer Connection and Direct and Semidirect Connection Ramps

