

# Appendix B

## PIMA COUNTY DEPARTMENT OF TRANSPORTATION TRAFFIC ENGINEERING DIVISION

### SIGNALIZED INTERSECTIONS ORDERED ALPHABETICALLY

Intersection	Volume	3 Year Period: January 2013- December 2015					1 Year Period: January 2015 - December 2015				
		Crash Freq	Rate	SI	PI	PI Rank	Crash Freq	Rate	SI	PI	PI Rank
1ST AV ORANGE GROVE RD	35286	50	1.29	1.32	68	13	15	1.16	1.20	77	18
1ST AV/CHRISTIE DR INA RD	44097	28	0.58	1.32	121	34	8	0.50	1.25	139	53
36TH ST ACCESS RD PALO VERDE RD	34341	9	0.24	1.87	159	54	3	0.24	1.00	219	84
37TH ST/GOLF LINKS RD PALO VERDE RD	34313	15	0.40	1.53	130	41	7	0.56	1.43	114	35
ABREGO DR CONTINENTAL RD	17822	8	0.41	1.50	160	55	2	0.31	1.50	167	66
ABREGO DR ESPERANZA BL	10413	3	0.26	1.00	265	94	1	0.26	1.00	237	90
AERO PARK BL/VAMORI ST NOGALES HY	22251	7	0.29	1.29	219	84	3	0.37	1.67	143	58
AJO WY ALVERNON WY	53206	56	0.96	1.44	48	5	16	0.82	1.38	68	14
AJO WY DODGE BL	26448	4	0.14	1.00	276	96	2	0.21	1.00	234	89
AJO WY PALO VERDE RD	51403	24	0.43	1.41	128	39	12	0.64	1.17	119	40
ALVERNON WY DODGE BL	26433	13	0.45	1.23	182	70	5	0.52	1.00	168	68
ALVERNON WY IRVINGTON RD	48583	30	0.56	1.43	104	28	11	0.62	1.27	112	33
ALVERNON WY LOS REALES RD	16205	10	0.56	1.20	185	76	4	0.68	1.25	142	56
ALVERNON WY VALENCIA RD	43399	28	0.59	1.36	113	30	8	0.51	1.38	123	43
ALVERNON WY/RIVER RD BRANDI FENTON PARK DW/RIVER RD	33946	25	0.67	1.16	144	46	11	0.89	1.09	103	28
BENSON HY PALO VERDE RD	26999	13	0.44	1.54	129	40	3	0.30	1.00	209	80
BENSON HY/SWAN RD VALENCIA RD	35342	30	0.78	1.27	114	32	8	0.62	1.25	127	46
BROADMONT DR PALO VERDE RD	29797	5	0.15	1.96	182	70	1	0.09	1.00	249	95
CALLE BOSQUE/TERRITORY DR CRAYCROFT RD	18300	3	0.15	1.00	278	97	3	0.45	1.00	194	77
CALLE DEL MARQUES SUNRISE DR	40404	9	0.20	1.56	173	65	4	0.27	2.00	137	51
CAMINO CASA VERDE/PASEO DEL CHINO LA CANADA DR	17564	5	0.26	1.60	179	69	3	0.47	2.00	126	44
CAMINO DE LA TIERRA INA RD	37543	51	1.24	1.43	48	5	14	1.02	1.36	62	8
CAMINO DE LA TIERRA ORANGE GROVE RD	31748	23	0.66	1.26	133	42	7	0.60	1.43	111	32
CAMINO DE LA TIERRA VALENCIA RD	36791	43	1.07	1.80	28	1	10	0.74	1.50	67	13

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CAMINO DE OESTE	VALENCIA RD	29374	24	0.75	1.53	76	17	5	0.47	1.40	140	54
CAMINO DEL SOL	CAMINO ENCANTO	9033	1	0.10	1.00	290	101	1	0.30	1.00	230	87
CAMINO VERDE	VALENCIA RD	23334	9	0.35	1.11	227	86	4	0.47	1.00	179	71
CAMPBELL AV	SKYLINE DR	46882	36	0.70	1.17	127	37	12	0.70	1.17	113	34
CAMPO ABIERTO	SUNRISE DR	37188	6	0.15	1.50	200	80	1	0.07	2.00	185	74
CAMPUS PARK WY	SHANNON RD	11675	*					*				
CARDINAL AV	DREXEL RD	12508	4	0.29	1.25	237	89	1	0.22	1.00	242	92
CARDINAL AV	VALENCIA RD	40610	94	2.11	1.47	30	2	29	1.96	1.48	30	2
CLOUD RD	SABINO CANYON RD	35971	15	0.38	1.20	189	78	9	0.69	1.22	121	41
CLUB DR	SHANNON RD	11045	5	0.41	1.40	187	77	1	0.25	1.00	238	91
COLOSSAL CAVE RD	MARY ANN CLEVELAND WY	15188	8	0.48	1.13	216	83	2	0.36	1.00	214	82
CONTINENTAL PLAZA DR/I19 SB FRONTAGE RD	CONTINENTAL RD	26634	19	0.65	1.26	143	45	6	0.62	1.00	156	63
CONTINENTAL RD	LA CANADA DR	14139	6	0.39	1.00	238	90	4	0.78	1.00	148	61
CORTARO FARMS RD	MAGEE RD/SHANNON RD	26341	23	0.80	1.17	137	44	7	0.73	1.43	96	23
CORTARO FARMS RD	OLDFATHER DR	19055	20	0.96	1.39	94	25	7	1.01	1.29	100	25
CORTARO FARMS RD	THORNYDALE RD	34124	35	0.94	1.45	59	9	8	0.64	1.38	108	30
CRAYCROFT RD	RIVER RD	43004	23	0.49	1.43	123	36	10	0.64	1.78	70	16
CRAYCROFT RD	SUNRISE DR	37397	35	0.85	1.29	99	26	12	0.88	1.42	66	12
CURTIS RD	LA CHOLLA BL	30263	13	0.39	1.68	127	37	3	0.27	1.00	214	82
DAVIS AV/HIGHWAY DR	RUTHRAUFF RD	33110	31	0.86	1.35	88	21	9	0.74	1.00	121	41
DESERT BELL DR/LA CANOA	LA CANADA DR	16936	4	0.22	1.25	246	91	2	0.32	1.50	165	65
DESERT VIEW HIGH SCHOOL MAIN DW	VALENCIA RD	22558	*					*				
DREXEL RD	MISSION RD	23278	15	0.59	1.27	152	52	3	0.35	1.67	146	59
DREXEL RD	PALO VERDE RD	20233	7	0.32	1.57	166	60	2	0.27	1.50	175	70

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		Crash Freq	Rate	SI	PI	PI Rank	Crash Freq	Rate	SI	PI	PI Rank	
ESPERANZA BL LA CANADA DR	22074	10	0.41	1.40	163	57	4	0.50	1.50	126	44	
FLOWING WELLS RD WETMORE RD	46653	45	0.88	1.64	39	3	14	0.82	1.57	49	6	
FOOTHILLS MALL/WALMART DW LA CHOLLA BL	28096	13	0.42	1.31	171	62	8	0.78	1.38	94	21	
HACIENDA DEL SOL RD RIVER RD	33878	10	0.27	1.98	144	46	1	0.08	2.00	184	73	
HARDY RD THORNYDALE RD	19441	14	0.66	1.07	171	62	6	0.85	1.17	127	46	
HARDY RD/OVERTON RD LA CANADA DR	31169	23	0.67	1.34	113	30	9	0.79	1.64	63	9	
HERMANS RD NOGALES HY	19435	7	0.33	1.43	183	74	4	0.56	1.25	153	62	
HOSPITAL DR LA CHOLLA BL	29728	10	0.31	1.60	149	49	4	0.37	1.75	130	49	
HOUGHTON RD SAHUARITA RD	16606	10	0.55	2.06	111	29	5	0.82	1.20	130	49	
HUGHES ACCESS RD NOGALES HY	20198	9	0.41	1.44	164	59	4	0.54	1.25	156	63	
INA RD LA CANADA DR	50431	47	0.85	1.42	70	15	11	0.60	2.05	68	14	
INA RD LA CHOLLA BL	54511	66	1.11	1.42	46	4	17	0.85	1.52	42	4	
INA RD MONA LISA RD	45000	31	0.63	1.54	73	16	9	0.55	1.44	102	27	
INA RD SHANNON RD	47200	66	1.28	1.30	67	12	20	1.16	1.30	57	7	
INA RD WESTWARD LOOK DR	40107	11	0.25	1.27	208	81	2	0.14	1.50	185	74	
INA RD/SKYLINE DR PIMA CANYON DR	29970	3	0.09	1.33	246	91	*					
KINNEY RD WESTERN WAY CI/WESTERN WY	8332	3	0.33	1.00	256	93	1	0.33	1.00	225	86	
KNOLLWOOD DR/RIVER RD SABINO CANYON RD	36766	23	0.57	1.56	92	24	5	0.37	1.40	147	60	
KOLB RD MOUNTAIN SHADOWS PL/VENTANA CANYON	8658	1	0.11	1.00	289	100	*					
KOLB RD SNYDER RD	14407	6	0.38	1.17	232	87	2	0.38	1.00	209	80	
KOLB RD SUNRISE DR	23917	14	0.53	1.21	177	67	*					
KOLB RD VALENCIA RD	51504	52	0.92	1.40	62	10	19	1.01	1.32	63	9	
KOLB RD/SABINO CANYON RD SABINO CANYON RD	24408	8	0.30	1.85	156	53	4	0.45	2.45	114	35	
LA CANADA DR MAGEE RD	45046	27	0.55	1.15	162	56	10	0.61	1.30	115	37	

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		Crash Freq	Rate	SI	PI	PI Rank	Crash Freq	Rate	SI	PI	PI Rank	
LA CANADA DR ORANGE GROVE RD	36600	23	0.57	1.38	121	34	5	0.37	1.00	181	72	
LA CANADA DR RIVER RD	49000	49	0.91	1.44	56	8	19	1.06	1.78	20	1	
LA CHOLLA BL MAGEE RD	34095	20	0.54	1.20	166	60	9	0.72	1.33	99	24	
LA CHOLLA BL OMAR DR	25000	5	0.18	1.80	184	75	1	0.11	1.00	248	94	
LA CHOLLA BL ORANGE GROVE RD	46605	43	0.84	1.57	48	5	17	1.00	1.69	31	3	
LA CHOLLA BL OVERTON RD	19081	13	0.62	1.31	149	49	2	0.29	1.00	222	85	
LA CHOLLA BL RIVER RD	53609	57	0.97	1.35	64	11	18	0.92	1.06	90	20	
LA CHOLLA BL RUDASILL RD	29014	6	0.19	1.97	174	66	3	0.28	2.60	142	56	
LA CHOLLA BL RUTHRAUFF RD	41840	64	1.40	1.29	68	13	22	1.44	1.23	65	11	
LINDA VISTA BL THORNYDALE RD	24027	16	0.61	1.06	171	62	9	1.03	1.00	103	28	
MAGEE RD SHANNON RD/TUSCANY DR	26017	9	0.32	1.00	234	88	3	0.32	1.00	207	79	
MAGEE RD THORNYDALE RD	32224	33	0.94	1.36	80	19	12	1.02	1.25	78	19	
MARK RD VALENCIA RD	23417	16	0.62	1.31	136	43	6	0.70	1.33	118	39	
MISSION RD VALENCIA RD	45872	4	0.08	1.50	214	82	3	0.18	1.67	167	66	
NOGALES HY OLD NOGALES HY	19845	11	0.51	1.18	192	79	5	0.69	1.40	116	38	
ORANGE GROVE RD SHANNON RD	27500	19	0.63	1.66	85	20	4	0.40	1.25	168	68	
ORANGE GROVE RD SKYLINE DR	44310	27	0.56	1.22	148	48	7	0.43	1.43	127	46	
OVERTON RD SHANNON RD	16536	15	0.83	1.52	90	23	4	0.66	1.50	108	30	
OVERTON RD THORNYDALE RD	22368	23	0.94	1.22	118	33	9	1.10	1.33	74	17	
PONTATOC RD RIVER RD	15654	2	0.12	1.00	286	99	*					
PONTATOC RD SUNRISE DR	41443	11	0.24	1.18	223	85	2	0.13	1.50	186	76	
REMOUNT PL/SUNRISE DR SABINO CANYON RD	9892	2	0.18	1.00	280	98	1	0.28	1.00	233	88	
RIVER RD SWAN RD	39767	31	0.71	1.45	76	17	14	0.96	1.50	43	5	
RIVER RD VIA ENTRADA	45884	10	0.20	1.48	178	68	4	0.24	2.20	140	54	

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		Crash Freq	Rate	SI	PI	PI Rank	Crash Freq	Rate	SI	PI	PI Rank
ROMERO RD RUTHRAUFF RD	26314	15	0.52	1.33	150	51	7	0.73	1.43	95	22
ROMERO RD WETMORE RD	12611	8	0.58	1.38	163	57	*				
SABINO CANYON RD SNYDER RD	13753	3	0.20	1.00	272	95	1	0.20	1.00	244	93
SUNCREST PL SUNRISE DR	31885	10	0.29	1.40	182	70	6	0.52	1.33	138	52
SUNRISE DR SWAN RD	51796	41	0.72	1.31	99	26	14	0.74	1.21	101	26
SUNRISE DR VIA PALOMITA	35300	14	0.36	1.29	182	70	3	0.23	1.33	194	77
VALENCIA RD WADE RD	13562	13	0.88	1.54	89	22	*				

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TRAFFIC ENGINEERING DIVISION

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Intersection	Volume	3 Year Period: January 2013- December 2015					1 Year Period: January 2015 - December 2015				
		Crash Freq	Rate	SI	PI	PI Rank	Crash Freq	Rate	SI	PI	PI Rank

SYSTEM STATISTICS

		3-Year	1-Year
<b>Total Intersections:</b>		103	103
<b>Total Crashes:</b>		2047	668
	<b>PDO Crashes:</b>	1435	456
	<b>Injury Crashes:</b>	604	210
	<b>Fatal Crashes:</b>	8	2

  

	CRASH RATE		SEVERITY RATE	
	3-Year	1-Year	3-Year	1-Year
<b>High</b>	2.11	1.96	2.06	2.60
<b>Low</b>	0.08	0.07	1.00	1.00
<b>Average</b>	0.55	0.58	1.37	1.35
<b>Standard Deviation</b>	0.34	0.33	0.24	0.34
<b>Variance</b>	0.11	0.11	0.06	0.11

  

<b>System Rate</b>	<b>0.60</b>	<b>0.59</b>	<b>1.39</b>	<b>1.37</b>
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