

**PIMA COUNTY DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING DIVISION**

**SIGNALIZED INTERSECTIONS
ORDERED ALPHABETICALLY**

Intersection	Volume	3 Year Period: January 2008- December 2010						1 Year Period: January 2010 - December 2010				
		Crash Freq	Rate	SI	PI	PI Rank	Crash Freq	Rate	SI	PI	PI Rank	
1ST AV ORANGE GROVE RD <small>CRASH ASSESSMENT COMPLETED JUN 08; NB/SB DUAL LEFT TURN LANES INSTALLED SEP 08; CRASH ANALYSIS COMPLETED APR 11</small>	36901	52	1.29	1.19	111	28	14	1.04	1.14	106	30	
1ST AV/CHRISTIE DR INA RD <small>CRASH ASSESSMENT COMPLETED 09</small>	37166	37	0.91	1.55	85	19	9	0.66	1.22	131	43	
36TH ST ACCESS RD PALO VERDE RD <small>CRASH ASSESSMENT COMPLETED JUN 08</small>	36176	48	1.21	1.31	91	23	17	1.29	1.52	35	4	
37TH ST/GOLF LINKS RD PALO VERDE RD <small>CRASH ASSESSMENT COMPLETED JUN 08</small>	36046	45	1.14	1.48	71	11	12	0.91	1.65	63	11	
ABREGO DR CONTINENTAL RD <small>LT PHASING ANALYSIS COMPLETED FEB 08</small>	17756	3	0.15	2.93	185	71	2	0.31	1.50	162	61	
ABREGO DR ESPERANZA BL	9655	1	0.09	1.00	290	99	*					
AERO PARK BL/VAMORI ST NOGALES HY	25926	7	0.25	1.29	231	86	3	0.32	1.33	170	66	
AJO WY ALVERNON WY <small>LT PHASING ANALYSIS COMPLETED MAY 08; CRASH ASSESSMENT COMPLETED 09</small>	60918	71	1.06	1.36	75	13	22	0.99	1.31	72	18	
AJO WY DODGE BL	25900	8	0.28	1.38	201	77	2	0.21	2.00	158	58	
AJO WY PALO VERDE RD <small>CRASH ASSESSMENT COMPLETED JUN 08; SIGNAL IMPROVEMENTS INSTALLED APR 09; TRANSIT IMPROVEMENTS IN DESIGN</small>	53653	67	1.14	1.25	98	25	17	0.87	1.12	113	35	
ALVERNON WY DODGE BL	27324	12	0.40	1.08	233	87	3	0.30	1.00	210	82	
ALVERNON WY IRVINGTON RD <small>CRASH ASSESSMENT COMPLETED AUG 09</small>	48144	38	0.72	1.31	130	37	15	0.85	1.20	108	32	
ALVERNON WY LOS REALES RD	16488	9	0.50	1.56	158	59	3	0.50	1.00	194	80	

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ALVERNON WY INTERIM INTERSECTION IMPROVEMENTS COMPLETED APR 09; RECONSTRUCTION UNDERWAY	50589	30	0.54	1.33	144	48	10	0.54	1.50	101	29	
ALVERNON WY/RIVER RD	35317	23	0.59	1.43	138	43	1	0.08	1.00	248	93	
BENSON HY	25475	15	0.54	1.59	138	43	5	0.54	1.20	159	59	
BENSON HY/SWAN RD LT PHASING ANALYSIS COMPLETED MAR 09	40041	21	0.48	1.29	179	68	7	0.48	1.29	143	51	
BROADMONT DR	31955	10	0.29	2.16	159	60	2	0.17	1.00	232	87	
CALLE DEL MARQUES	36828	12	0.30	1.00	242	92	2	0.15	1.00	235	90	
CAMINO CASA VERDE/PASEO DEL CHI LT PHASING ANALYSIS COMPLETED FEB 08	18073	3	0.15	2.60	187	73	*					
CAMINO DE LA TIERRA	38181	46	1.10	1.41	79	17	16	1.15	1.31	66	13	
CAMINO DE LA TIERRA	30250	25	0.75	1.32	137	41	11	1.00	1.45	77	19	
CAMINO DE LA TIERRA INTERSECTION RECONSTRUCTION COMPLETED MAY 08; CRASH ASSESSMENT COMPLETED 09; LT PHASING ANALYSIS COMPLETED AUG 11; EB/WB LT PHASING INSTALLED SEP 11	36712	38	0.95	1.18	144	48	12	0.90	1.17	117	36	
CAMINO DE OESTE CRASH ASSESSMENT COMPLETED JUN 07; INTERSECTION RECONSTRUCTION COMPLETED MAY 08	26148	18	0.63	1.33	155	57	6	0.63	1.00	162	61	
CAMINO DEL SOL	9843	1	0.09	1.00	291	100	*					
CAMINO VERDE	17536	25	1.30	1.59	69	10	9	1.41	1.44	68	16	

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CAMPBELL AV SKYLINE DR	47395	43	0.83	1.34	108	27	11	0.64	1.71	80	20	
CAMPO ABIERTO SUNRISE DR	35620	7	0.18	1.43	206	80	3	0.23	1.33	177	69	
CAMPUS PARK WY SHANNON RD	12270	1	0.07	1.00	292	101	1	0.22	1.00	233	88	
CARDINAL AV DREXEL RD	13253	10	0.69	1.88	128	36	3	0.62	1.33	148	55	
CARDINAL AV VALENCIA RD <small>PROTECTED ONLY LT PHASING ANALYSIS COMPLETED JUL 08; CRASH ASSESSMENT COMPLETED 09; CRASH ANALYSIS COMPLETED AUG 11; LT PHASING CHANGES COMPLETED SEP 11</small>	45795	69	1.38	1.60	33	2	26	1.56	1.53	19	2	
CLOUD RD SABINO CANYON RD <small>PEDESTRIAN SIGNAL STUDY COMPLETED 09</small>	37750	27	0.65	1.30	151	54	6	0.44	1.50	126	40	
COLOSSAL CAVE RD MARY ANN CLEVELAND WY <small>LT PHASING ANALYSIS COMPLETED MAY 09</small>	13963	6	0.39	1.50	185	71	3	0.59	1.00	187	77	
CONTINENTAL PLAZA DR CONTINENTAL RD	27464	3	0.10	1.00	282	98	*					
CONTINENTAL RD LA CANADA DR	15670	8	0.47	1.13	233	87	5	0.87	1.20	138	47	
CORTARO FARMS RD MAGEE RD/SHANNON RD <small>IMPROVEMENTS IN DESIGN; CRASH ASSESSMENT COMPLETED 09; INTERIM INTERSECTION IMPROVEMENTS COMPLETED JUN 10</small>	28662	50	1.59	1.26	90	22	11	1.05	1.55	60	10	
CORTARO FARMS RD OLDFATHER DR <small>IMPROVEMENTS IN DESIGN</small>	23641	24	0.93	1.21	155	57	9	1.04	1.33	89	25	
CORTARO FARMS RD THORNYDALE RD <small>SAFETY STUDY COMPLETED FEB 09; NB/EB DUAL LT TURN LANES INSTALLED JUN 10</small>	42969	80	1.70	1.32	61	6	23	1.47	1.30	49	7	
CRAYCROFT RD RIVER RD <small>INTERSECTION RECONSTRUCTION COMPLETED JUN 08; PEDESTRIAN SIGNAL STUDY COMPLETED 09</small>	37570	39	0.95	1.18	143	47	13	0.95	1.31	87	24	

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CRAYCROFT RD SUNRISE DR INTERSECTION RECONSTRUCTION COMPLETED JUN 08; PEDESTRIAN SIGNAL STUDY COMPLETED 09	34784	29	0.76	1.48	112	30	8	0.63	1.25	132	44
CRAYCROFT RD TERRITORY DR INTERSECTION RECONSTRUCTION COMPLETED JUN 08	13863	3	0.20	3.27	181	69	1	0.20	2.00	171	67
CURTIS RD LA CHOLLA BL CRASH ASSESSMENT COMPLETED JUN 08; LT PHASING ANALYSIS COMPLETED JUN 08; RECONSTRUCTION COMPLETED SEP 11	30661	24	0.71	1.29	154	55	2	0.18	1.00	229	85
DAVIS AV/HIGHWAY DR RUTHRAUFF RD	40976	46	1.03	1.09	139	45	15	1.00	1.00	110	33
DESERT BELL DR/LA CANOA LA CANADA DR	16363	7	0.39	1.14	245	93	5	0.84	1.20	141	50
DESERT VIEW HIGH SCHOOL MAIN DW VALENCIA RD	37824	1	0.02	2.00	206	80	*				
DREXEL RD MISSION RD	25699	16	0.57	1.31	169	64	4	0.43	1.50	136	46
DREXEL RD PALO VERDE RD	21237	10	0.43	1.60	154	55	4	0.52	1.00	180	71
ESPERANZA BL LA CANADA DR NB/SB DUAL LT LANES INSTALLED MAY 10	22348	10	0.41	1.00	237	89	4	0.49	1.00	183	76
FLOWING WELLS RD WETMORE RD SAFETY STUDY COMPLETED DEC 08; SIGNAL IMPROVEMENTS IMPLEMENTED MAR 09	50443	88	1.59	1.60	19	1	26	1.41	1.68	17	1
FOOTHILLS MALL/WALMART DW LA CHOLLA BL	40418	25	0.56	1.20	178	66	4	0.27	1.25	177	69
HACIENDA DEL SOL RD RIVER RD INTERSECTION RECONSTRUCTION COMPLETED MAR 07; LT PHASING ANALYSIS COMPLETED APR 11; EB LT PHASING INSTALLED MAR 11	48274	15	0.28	1.33	192	76	*				
HARDY RD THORNYDALE RD EB LT LANE IMPROVEMENTS COMPLETED 09	25527	23	0.82	1.30	146	51	11	1.18	1.27	86	23

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HARDY RD/OVERTON RD LT PHASING ANALYSIS COMPLETED FEB 08	26905	15	0.51	1.59	140	46	2	0.20	1.00	227	84	
HERMANS RD CRASH ASSESSMENT COMPLETED JUN 08	22033	11	0.46	1.36	178	66	5	0.62	1.40	123	37	
HOSPITAL DR SIGNAL IMPROVEMENTS INSTALLED APR 09; LT PHASING ANALYSIS COMPLETED MAY 11	31943	20	0.57	1.73	119	33	4	0.34	2.70	124	39	
HOUGHTON RD RECONSTRUCTION COMPLETED/TRAFFIC SIGNAL INSTALLED MAY 09	13194	11	0.76	1.53	136	39	1	0.21	1.00	236	91	
HUGHES ACCESS RD	21284	8	0.34	2.45	160	62	1	0.13	1.00	246	92	
INA RD RECONSTRUCTION UNDERWAY	55089	63	1.04	1.53	63	8	10	0.50	1.20	146	54	
INA RD CRASH ASSESSMENT COMPLETED 09; LT COMPLIANCE STUDY COMPLETED MAR 10	69286	105	1.38	1.31	66	9	28	1.11	1.14	85	22	
INA RD CRASH ASSESSMENT COMPLETED JUN 07; WB RT LANE INSTALLED MAY 10; IMPROVEMENTS IDENTIFIED ON 2011/2012 SMS PROJECT PRIORITY LIST	46723	47	0.92	1.46	84	18	17	1.00	1.35	67	14	
INA RD	37495	24	0.58	1.17	187	73	5	0.37	1.40	144	52	
INA RD	47137	65	1.26	1.32	78	16	21	1.22	1.29	63	11	
INA RD	36389	16	0.40	1.98	137	41	2	0.15	1.50	181	74	
INA RD/SKYLINE DR	28547	14	0.45	1.49	160	62	4	0.38	1.00	192	79	
KINNEY RD	6218	2	0.29	1.50	203	78	*					

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KNOLLWOOD DR/RIVER RD PEDESTRIAN SIGNAL STUDY COMPLETED 09; NB DUAL LT LANE INSTALLED JUN 10	35042	20	0.52	1.45	147	52	6	0.47	1.50	123	37	
KOLB RD SNYDER RD	19414	5	0.24	1.20	256	96	2	0.28	1.00	218	83	
KOLB RD RECONSTRUCTION UNDERWAY	28021	25	0.81	1.20	159	60	4	0.39	1.00	191	78	
KOLB RD LT PHASING REVIEW COMPLETED JAN 08; CRASH ANALYSIS COMPLETED JUN 09; CIP IMPROVEMENTS IN DESIGN	54986	80	1.33	1.35	61	6	25	1.25	1.51	30	3	
KOLB RD/SABINO CANYON RD SABINO CANYON RD	25570	4	0.14	1.25	255	95	*					
LA CANADA DR RECONSTRUCTION UNDERWAY	37939	37	0.89	1.19	150	53	8	0.58	1.13	157	57	
LA CANADA DR CRASH ASSESSMENT COMPLETED JUN 08; EB RT LANE IMPROVEMENTS COMPLETED JUN 2008; PEDESTRIAN SIGNAL IMPROVEMENTS COMPLETED APR 10	37025	49	1.21	1.38	71	11	16	1.18	1.61	40	5	
LA CANADA DR CRASH ASSESSMENT COMPLETED 09	58372	84	1.31	1.37	54	3	24	1.13	1.46	47	6	
LA CHOLLA BL LT PHASING ANALYSIS COMPLETED MAY 10; RECONSTRUCTION UNDERWAY	31139	37	1.09	1.26	121	35	13	1.14	1.37	67	14	
LA CHOLLA BL IMPROVEMENTS COMPLETED APR 08; CRASH ASSESSMENT COMPLETED 09; RECONSTRUCTION UNDERWAY	39815	35	0.80	1.26	145	50	8	0.55	1.25	138	47	
LA CHOLLA BL OMAR DR	34145	2	0.05	1.50	222	84	1	0.08	2.00	180	71	
LA CHOLLA BL CRASH ASSESSMENT COMPLETED 09; DUAL LT LANES INSTALLED FOR ALL DIRECTIONS JUN 10	50419	81	1.47	1.28	77	15	23	1.25	1.30	54	9	
LA CHOLLA BL IMPROVEMENTS IN DESIGN; CRASH ASSESSMENT COMPLETED APR 11	23619	18	0.70	1.59	120	34	12	1.39	1.08	99	28	

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LA CHOLLA BL RIVER RD INTERSECTION IMPROVEMENTS COMPLETED APR 09	60624	67	1.01	1.28	104	26	21	0.95	1.24	91	26	
LA CHOLLA BL RUDASILL RD LT PHASING ANALYSIS COMPLETED MAY 11	31083	4	0.12	1.25	256	96	2	0.18	1.00	230	86	
LA CHOLLA BL RUTHRAUFF RD CRASH ASSESSMENT COMPLETED JUN 08; RECONSTRUCTION COMPLETED SEP 11	43457	81	1.70	1.33	54	3	14	0.88	1.29	91	26	
LINDA VISTA BL THORNYDALE RD CRASH ASSESSMENT COMPLETED JUN 08	27002	19	0.64	1.21	182	70	4	0.41	1.25	167	64	
MAGEE RD SHANNON RD/TUSCANY DR RECONSTRUCTION UNDERWAY	29222	35	1.09	1.20	136	39	7	0.66	1.00	154	56	
MAGEE RD THORNYDALE RD CRASH ASSESSMENT COMPLETED JUN 08	33396	22	0.60	1.72	115	32	10	0.82	2.08	70	17	
MARK RD VALENCIA RD INTERSECTION RECONSTRUCTION COMPLETED MAY 08	24890	30	1.10	1.37	97	24	4	0.44	1.25	164	63	
MISSION RD VALENCIA RD INTERSECTION RECONSTRUCTION COMPLETED MAR 08; CRASH ASSESSMENT COMPLETED 09; LT PHASING ANALYSIS COMPLETED MAR 11; NB/SB LT PHASING INSTALLED MAY 11	46688	41	0.80	1.55	89	21	9	0.53	1.22	145	53	
ORANGE GROVE RD SHANNON RD CRASH ASSESSMENT COMPLETED JUN 08; IMPROVEMENTS IDENTIFIED ON 2010 SMS PROJECT PRIORITY LIST	29494	36	1.11	1.46	86	20	7	0.65	1.29	126	40	
ORANGE GROVE RD SKYLINE DR LT PHASING ANALYSIS COMPLETED SEP 08; TURN LANE ANALYSIS COMPLETED JUL 11; DUAL WB LT TURN LANES AND EB/WB PROTECTED ONLY LT PHASING INSTALLED OCT 11	37764	37	0.89	1.35	111	28	10	0.73	1.20	126	40	
OVERTON RD SHANNON RD	17204	14	0.74	1.50	133	38	4	0.64	1.75	106	30	
OVERTON RD THORNYDALE RD SB LT PHASING INSTALLED JUL 08	26889	42	1.43	1.35	76	14	12	1.22	1.25	81	21	
PONTATOC RD RIVER RD RT TURN LANE ANALYSIS COMPLETED JAN 08	15840	6	0.35	1.17	250	94	1	0.17	2.00	174	68	

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PONTATOC RD SUNRISE DR <small>CRASH ASSESSMENT COMPLETED JUN 08</small>	37414	16	0.39	1.06	227	85	4	0.29	1.00	198	81	
REMOUNT PL/SUNRISE DR SABINO CANYON RD <small>PEDESTRIAN SIGNAL STUDY COMPLETED 09</small>	10161	3	0.27	3.27	177	65	1	0.27	5.80	159	59	
RIVER RD SWAN RD <small>CRASH ASSESSMENT COMPLETED JUN 08</small>	43714	47	0.98	1.73	58	5	11	0.69	1.27	111	34	
RIVER RD VIA ENTRADA	47502	6	0.12	1.80	190	75	4	0.23	2.20	134	45	
ROMERO RD RUTHRAUFF RD	30412	14	0.42	1.21	209	82	5	0.45	1.20	167	64	
ROMERO RD WETMORE RD	12856	7	0.50	1.00	238	91	1	0.21	1.00	234	89	
SABINO CANYON RD SNYDER RD	15634	7	0.41	1.29	214	83	4	0.70	1.25	140	49	
SUNCREST PL SUNRISE DR <small>LT PHASING ANALYSIS COMPLETED NOV 08</small>	32467	9	0.25	1.22	237	89	2	0.17	1.50	180	71	
SUNRISE DR SWAN RD <small>CRASH REVIEW COMPLETED JUN 11</small>	55482	64	1.05	1.23	112	30	23	1.14	1.38	52	8	
SUNRISE DR VIA PALOMITA	35852	13	0.33	1.31	205	79	1	0.08	2.00	182	75	

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SYSTEM STATISTICS

		3-Year	1-Year	
Total Intersections:		101	101	
Total Crashes:		2827	801	
	PDO Crashes:	2034	579	
	Injury Crashes:	784	221	
	Fatal Crashes:	9	1	
	CRASH RATE		SEVERITY RATE	
	3-Year	1-Year	3-Year	1-Year
High	1.70	1.56	3.27	5.80
Low	0.02	0.08	1.00	1.00
Average	0.70	0.65	1.44	1.38
Standard Deviation	0.42	0.39	0.41	0.56
Variance	0.18	0.16	0.17	0.32
System Rate	0.79	0.67	1.37	1.35

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