

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : T10-S. Independence and Euclid_Bonney AM
 Site Code :
 Start Date : 12/11/2014
 Page No : 1
 Groups Printed- Car

Start Time	S. Independence Southbound					Bonney Rd Westbound					S. Independence Northbound					Euclid Rd Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	2	204	10	0	216	18	0	69	0	87	27	209	20	0	256	21	0	6	0	27	586
06:15 AM	2	213	6	0	221	19	6	65	0	90	23	306	23	0	352	16	4	0	0	20	683
06:30 AM	1	279	15	0	295	18	5	124	0	147	48	319	28	0	395	25	1	1	0	27	864
06:45 AM	2	315	14	0	331	18	13	98	0	129	84	447	55	0	586	47	5	1	0	53	1099
Total	7	1011	45	0	1063	73	24	356	0	453	182	1281	126	0	1589	109	10	8	0	127	3232
07:00 AM	2	321	14	0	337	20	16	129	0	165	81	598	63	0	742	44	7	3	1	55	1299
07:15 AM	1	463	19	0	483	31	23	136	0	190	93	710	108	0	911	44	9	1	1	55	1639
07:30 AM	4	466	25	0	495	24	23	125	0	172	116	816	148	0	1080	49	13	6	0	68	1815
07:45 AM	8	464	29	0	501	32	35	142	0	209	124	775	162	0	1061	48	14	2	0	64	1835
Total	15	1714	87	0	1816	107	97	532	0	736	414	2899	481	0	3794	185	43	12	2	242	6588
08:00 AM	1	498	32	0	531	18	20	125	0	163	152	732	123	0	1007	53	8	1	0	62	1763
08:15 AM	3	484	32	0	519	10	15	131	0	156	134	732	151	1	1018	57	10	2	0	69	1762
08:30 AM	6	470	36	0	512	14	21	125	0	160	163	667	108	0	938	40	13	5	1	59	1669
08:45 AM	4	472	21	0	497	23	11	106	0	140	142	728	77	0	947	31	12	7	0	50	1634
Total	14	1924	121	0	2059	65	67	487	0	619	591	2859	459	1	3910	181	43	15	1	240	6828
Grand Total	36	4649	253	0	4938	245	188	1375	0	1808	1187	7039	1066	1	9293	475	96	35	3	609	16648
Apprch %	0.7	94.1	5.1	0		13.6	10.4	76.1	0		12.8	75.7	11.5	0		78	15.8	5.7	0.5		
Total %	0.2	27.9	1.5	0	29.7	1.5	1.1	8.3	0	10.9	7.1	42.3	6.4	0	55.8	2.9	0.6	0.2	0	3.7	

Start Time	S. Independence Southbound				Bonney Rd Westbound				S. Independence Northbound				Euclid Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
07:30 AM	4	466	25	495	24	23	125	172	116	816	148	1080	49	13	6	68	1815
07:45 AM	8	464	29	501	32	35	142	209	124	775	162	1061	48	14	2	64	1835
08:00 AM	1	498	32	531	18	20	125	163	152	732	123	1007	53	8	1	62	1763
08:15 AM	3	484	32	519	10	15	131	156	134	732	151	1017	57	10	2	69	1761
Total Volume	16	1912	118	2046	84	93	523	700	526	3055	584	4165	207	45	11	263	7174
% App. Total	0.8	93.5	5.8		12	13.3	74.7		12.6	73.3	14		78.7	17.1	4.2		
PHF	.500	.960	.922	.963	.656	.664	.921	.837	.865	.936	.901	.964	.908	.804	.458	.953	.977

Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 07:30 AM

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : T10-S. Independence and Euclid_Bonney AM

Site Code :

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Groups Printed- Trucks

Start Time	S. Independence Southbound					Bonney Rd Westbound					S. Independence Northbound					Euclid Rd Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	0	6	0	0	6	0	0	0	0	0	1	8	0	0	9	2	0	0	0	2	17
06:15 AM	0	6	0	0	6	0	0	1	0	1	3	10	0	0	13	3	0	0	0	3	23
06:30 AM	0	6	0	0	6	1	1	0	0	2	2	16	2	0	20	4	1	0	0	5	33
06:45 AM	0	15	0	0	15	1	1	0	0	2	6	25	1	0	32	7	1	0	0	8	57
Total	0	33	0	0	33	2	2	1	0	5	12	59	3	0	74	16	2	0	0	18	130
07:00 AM	2	20	0	0	22	0	0	2	0	2	6	17	4	0	27	7	1	0	0	8	59
07:15 AM	0	16	0	0	16	1	1	6	0	8	3	9	1	0	13	4	1	0	0	5	42
07:30 AM	0	18	0	0	18	0	1	2	0	3	5	28	0	0	33	5	2	1	0	8	62
07:45 AM	1	10	1	0	12	1	1	1	0	3	2	19	1	0	22	3	1	0	0	4	41
Total	3	64	1	0	68	2	3	11	0	16	16	73	6	0	95	19	5	1	0	25	204
08:00 AM	0	18	1	0	19	1	0	4	0	5	2	12	1	0	15	4	1	0	0	5	44
08:15 AM	2	15	0	0	17	1	0	6	0	7	3	14	0	0	17	3	1	0	0	4	45
08:30 AM	0	25	3	0	28	0	0	4	0	4	6	13	5	0	24	7	0	0	0	7	63
08:45 AM	0	17	0	0	17	1	2	3	0	6	5	17	6	0	28	5	1	0	0	6	57
Total	2	75	4	0	81	3	2	17	0	22	16	56	12	0	84	19	3	0	0	22	209
Grand Total	5	172	5	0	182	7	7	29	0	43	44	188	21	0	253	54	10	1	0	65	543
Apprch %	2.7	94.5	2.7	0		16.3	16.3	67.4	0		17.4	74.3	8.3	0		83.1	15.4	1.5	0		
Total %	0.9	31.7	0.9	0	33.5	1.3	1.3	5.3	0	7.9	8.1	34.6	3.9	0	46.6	9.9	1.8	0.2	0	12	

Start Time	S. Independence Southbound				Bonney Rd Westbound				S. Independence Northbound				Euclid Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
06:45 AM	0	15	0	15	1	1	0	2	6	25	1	32	7	1	0	8	57
07:00 AM	2	20	0	22	0	0	2	2	6	17	4	27	7	1	0	8	59
07:15 AM	0	16	0	16	1	1	6	8	3	9	1	13	4	1	0	5	42
07:30 AM	0	18	0	18	0	1	2	3	5	28	0	33	5	2	1	8	62
Total Volume	2	69	0	71	2	3	10	15	20	79	6	105	23	5	1	29	220
% App. Total	2.8	97.2	0		13.3	20	66.7		19	75.2	5.7		79.3	17.2	3.4		
PHF	.250	.863	.000	.807	.500	.750	.417	.469	.833	.705	.375	.795	.821	.625	.250	.906	.887

Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 06:45 AM

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	2	210	10	0	222	18	0	69	0	87	28	217	20	0	265	23	0	6	0	29	603
06:15 AM	2	219	6	0	227	19	6	66	0	91	26	316	23	0	365	19	4	0	0	23	706
06:30 AM	1	285	15	0	301	19	6	124	0	149	50	335	30	0	415	29	2	1	0	32	897
06:45 AM	2	330	14	0	346	19	14	98	0	131	90	472	56	0	618	54	6	1	0	61	1156
Total	7	1044	45	0	1096	75	26	357	0	458	194	1340	129	0	1663	125	12	8	0	145	3362
07:00 AM	4	341	14	0	359	20	16	131	0	167	87	615	67	0	769	51	8	3	1	63	1358
07:15 AM	1	479	19	0	499	32	24	142	0	198	96	719	109	0	924	48	10	1	1	60	1681
07:30 AM	4	484	25	0	513	24	24	127	0	175	121	844	148	0	1113	54	15	7	0	76	1877
07:45 AM	9	474	30	0	513	33	36	143	0	212	126	794	163	0	1083	51	15	2	0	68	1876
Total	18	1778	88	0	1884	109	100	543	0	752	430	2972	487	0	3889	204	48	13	2	267	6792
08:00 AM	1	516	33	0	550	19	20	129	0	168	154	744	124	0	1022	57	9	1	0	67	1807
08:15 AM	5	499	32	0	536	11	15	137	0	163	137	746	151	1	1035	60	11	2	0	73	1807
08:30 AM	6	495	39	0	540	14	21	129	0	164	169	680	113	0	962	47	13	5	1	66	1732
08:45 AM	4	489	21	0	514	24	13	109	0	146	147	745	83	0	975	36	13	7	0	56	1691
Total	16	1999	125	0	2140	68	69	504	0	641	607	2915	471	1	3994	200	46	15	1	262	7037
Grand Total	41	4821	258	0	5120	252	195	1404	0	1851	1231	7227	1087	1	9546	529	106	36	3	674	17191
Apprch %	0.8	94.2	5	0		13.6	10.5	75.9	0		12.9	75.7	11.4	0		78.5	15.7	5.3	0.4		
Total %	0.2	28	1.5	0	29.8	1.5	1.1	8.2	0	10.8	7.2	42	6.3	0	55.5	3.1	0.6	0.2	0	3.9	

Start Time	S. Independence Southbound				Bonney Rd Westbound				S. Independence Northbound				Euclid Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
07:30 AM	4	484	25	513	24	24	127	175	121	844	148	1113	54	15	7	76	1877
07:45 AM	9	474	30	513	33	36	143	212	126	794	163	1083	51	15	2	68	1876
08:00 AM	1	516	33	550	19	20	129	168	154	744	124	1022	57	9	1	67	1807
08:15 AM	5	499	32	536	11	15	137	163	137	746	151	1034	60	11	2	73	1806
Total Volume	19	1973	120	2112	87	95	536	718	538	3128	586	4252	222	50	12	284	7366
% App. Total	0.9	93.4	5.7		12.1	13.2	74.7		12.7	73.6	13.8		78.2	17.6	4.2		
PHF	.528	.956	.909	.960	.659	.660	.937	.847	.873	.927	.899	.955	.925	.833	.429	.934	.981

Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:30 AM

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:00 PM	13	706	34	0	753	28	19	117	1	165	140	530	67	0	737	76	16	27	2	121	1776
03:15 PM	11	762	34	0	807	31	19	127	1	178	160	553	47	0	760	65	19	12	0	96	1841
03:30 PM	11	752	45	0	808	27	21	134	0	182	147	579	50	0	776	67	33	17	0	117	1883
03:45 PM	12	807	41	0	860	25	20	118	0	163	173	602	52	0	827	83	14	17	3	117	1967
Total	47	3027	154	0	3228	111	79	496	2	688	620	2264	216	0	3100	291	82	73	5	451	7467
04:00 PM	10	832	42	0	884	33	22	139	2	196	131	588	49	0	768	77	26	12	0	115	1963
04:15 PM	13	858	43	0	914	32	9	128	1	170	158	663	61	0	882	57	22	27	0	106	2072
04:30 PM	10	892	30	0	932	30	20	138	1	189	128	623	51	0	802	56	24	16	1	97	2020
04:45 PM	10	899	34	0	943	34	22	151	1	208	137	710	56	0	903	50	36	15	0	101	2155
Total	43	3481	149	0	3673	129	73	556	5	763	554	2584	217	0	3355	240	108	70	1	419	8210
05:00 PM	16	892	24	0	932	38	21	160	0	219	138	700	59	0	897	78	42	15	1	136	2184
05:15 PM	14	909	22	0	945	39	23	149	0	211	129	719	76	0	924	90	35	13	1	139	2219
05:30 PM	14	902	30	0	946	28	24	160	0	212	132	686	75	0	893	72	44	21	0	137	2188
05:45 PM	14	855	34	0	903	30	19	144	1	194	146	705	90	0	941	70	27	12	0	109	2147
Total	58	3558	110	0	3726	135	87	613	1	836	545	2810	300	0	3655	310	148	61	2	521	8738
Grand Total	148	10066	413	0	10627	375	239	1665	8	2287	1719	7658	733	0	10110	841	338	204	8	1391	24415
Apprch %	1.4	94.7	3.9	0		16.4	10.5	72.8	0.3		17	75.7	7.3	0		60.5	24.3	14.7	0.6		
Total %	0.6	41.2	1.7	0	43.5	1.5	1	6.8	0	9.4	7	31.4	3	0	41.4	3.4	1.4	0.8	0	5.7	

Start Time	S. Independence Southbound				Bonney Rd Westbound				S. Independence Northbound				Euclid Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	10	899	34	943	34	22	151	207	137	710	56	903	50	36	15	101	2154
05:00 PM	16	892	24	932	38	21	160	219	138	700	59	897	78	42	15	135	2183
05:15 PM	14	909	22	945	39	23	149	211	129	719	76	924	90	35	13	138	2218
05:30 PM	14	902	30	946	28	24	160	212	132	686	75	893	72	44	21	137	2188
Total Volume	54	3602	110	3766	139	90	620	849	536	2815	266	3617	290	157	64	511	8743
% App. Total	1.4	95.6	2.9		16.4	10.6	73		14.8	77.8	7.4		56.8	30.7	12.5		
PHF	.844	.991	.809	.995	.891	.938	.969	.969	.971	.979	.875	.979	.806	.892	.762	.926	.985

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:00 PM	0	10	1	0	11	0	1	3	0	4	4	7	0	0	11	1	1	0	0	2	28
03:15 PM	0	10	0	0	10	1	1	4	0	6	1	4	2	0	7	2	0	0	0	2	25
03:30 PM	0	7	0	0	7	1	2	2	0	5	1	10	5	0	16	3	0	0	0	3	31
03:45 PM	0	15	0	0	15	0	0	1	0	1	2	9	2	0	13	5	0	0	0	5	34
Total	0	42	1	0	43	2	4	10	0	16	8	30	9	0	47	11	1	0	0	12	118
04:00 PM	1	8	0	0	9	0	1	2	0	3	4	14	6	0	24	1	1	1	0	3	39
04:15 PM	2	16	2	0	20	0	0	1	0	1	2	9	1	0	12	3	1	0	0	4	37
04:30 PM	0	7	0	0	7	1	0	2	0	3	0	7	1	0	8	1	1	1	0	3	21
04:45 PM	0	5	0	0	5	0	0	2	0	2	4	9	0	0	13	0	0	0	0	0	20
Total	3	36	2	0	41	1	1	7	0	9	10	39	8	0	57	5	3	2	0	10	117
05:00 PM	0	8	0	0	8	0	0	0	0	0	2	9	0	0	11	0	0	0	0	0	19
05:15 PM	0	7	1	0	8	0	0	3	0	3	2	3	2	0	7	1	0	0	0	1	19
05:30 PM	0	4	1	0	5	0	0	0	0	0	0	7	1	0	8	0	0	0	0	0	13
05:45 PM	0	4	0	0	4	0	0	0	0	0	2	3	0	0	5	1	0	0	0	1	10
Total	0	23	2	0	25	0	0	3	0	3	6	22	3	0	31	2	0	0	0	2	61
Grand Total	3	101	5	0	109	3	5	20	0	28	24	91	20	0	135	18	4	2	0	24	296
Apprch %	2.8	92.7	4.6	0		10.7	17.9	71.4	0		17.8	67.4	14.8	0		75	16.7	8.3	0		
Total %	1	34.1	1.7	0	36.8	1	1.7	6.8	0	9.5	8.1	30.7	6.8	0	45.6	6.1	1.4	0.7	0	8.1	

Start Time	S. Independence Southbound				Bonney Rd Westbound				S. Independence Northbound				Euclid Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
03:30 PM	0	7	0	7	1	2	2	5	1	10	5	16	3	0	0	3	31
03:45 PM	0	15	0	15	0	0	1	1	2	9	2	13	5	0	0	5	34
04:00 PM	1	8	0	9	0	1	2	3	4	14	6	24	1	1	1	3	39
04:15 PM	2	16	2	20	0	0	1	1	2	9	1	12	3	1	0	4	37
Total Volume	3	46	2	51	1	3	6	10	9	42	14	65	12	2	1	15	141
% App. Total	5.9	90.2	3.9		10	30	60		13.8	64.6	21.5		80	13.3	6.7		
PHF	.375	.719	.250	.638	.250	.375	.750	.500	.563	.750	.583	.677	.600	.500	.250	.750	.904

Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 03:30 PM

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:00 PM	13	716	35	0	764	28	20	120	1	169	144	537	67	0	748	77	17	27	2	123	1804
03:15 PM	11	772	34	0	817	32	20	131	1	184	161	557	49	0	767	67	19	12	0	98	1866
03:30 PM	11	759	45	0	815	28	23	136	0	187	148	589	55	0	792	70	33	17	0	120	1914
03:45 PM	12	822	41	0	875	25	20	119	0	164	175	611	54	0	840	88	14	17	3	122	2001
Total	47	3069	155	0	3271	113	83	506	2	704	628	2294	225	0	3147	302	83	73	5	463	7585
04:00 PM	11	840	42	0	893	33	23	141	2	199	135	602	55	0	792	78	27	13	0	118	2002
04:15 PM	15	874	45	0	934	32	9	129	1	171	160	672	62	0	894	60	23	27	0	110	2109
04:30 PM	10	899	30	0	939	31	20	140	1	192	128	630	52	0	810	57	25	17	1	100	2041
04:45 PM	10	904	34	0	948	34	22	153	1	210	141	719	56	0	916	50	36	15	0	101	2175
Total	46	3517	151	0	3714	130	74	563	5	772	564	2623	225	0	3412	245	111	72	1	429	8327
05:00 PM	16	900	24	0	940	38	21	160	0	219	140	709	59	0	908	78	42	15	1	136	2203
05:15 PM	14	916	23	0	953	39	23	152	0	214	131	722	78	0	931	91	35	13	1	140	2238
05:30 PM	14	906	31	0	951	28	24	160	0	212	132	693	76	0	901	72	44	21	0	137	2201
05:45 PM	14	859	34	0	907	30	19	144	1	194	148	708	90	0	946	71	27	12	0	110	2157
Total	58	3581	112	0	3751	135	87	616	1	839	551	2832	303	0	3686	312	148	61	2	523	8799
Grand Total	151	10167	418	0	10736	378	244	1685	8	2315	1743	7749	753	0	10245	859	342	206	8	1415	24711
Apprch %	1.4	94.7	3.9	0		16.3	10.5	72.8	0.3		17	75.6	7.3	0		60.7	24.2	14.6	0.6		
Total %	0.6	41.1	1.7	0	43.4	1.5	1	6.8	0	9.4	7.1	31.4	3	0	41.5	3.5	1.4	0.8	0	5.7	

Start Time	S. Independence Southbound				Bonney Rd Westbound				S. Independence Northbound				Euclid Rd Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
04:45 PM	10	904	34	948	34	22	153	209	141	719	56	916	50	36	15	101	2174
05:00 PM	16	900	24	940	38	21	160	219	140	709	59	908	78	42	15	135	2202
05:15 PM	14	916	23	953	39	23	152	214	131	722	78	931	91	35	13	139	2237
05:30 PM	14	906	31	951	28	24	160	212	132	693	76	901	72	44	21	137	2201
Total Volume	54	3626	112	3792	139	90	625	854	544	2843	269	3656	291	157	64	512	8814
% App. Total	1.4	95.6	3		16.3	10.5	73.2		14.9	77.8	7.4		56.8	30.7	12.5		
PHF	.844	.990	.824	.995	.891	.938	.977	.975	.965	.984	.862	.982	.799	.892	.762	.921	.985

Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 04:45 PM