

HCM 6th Signalized Intersection Summary Existing Plus Ambient Growth Plus Cumulative Projects
 3: Perris Boulevard & Morgan Street Timing Plan: PM Peak Hour



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	34	22	23	28	7	10	37	895	12	6	1139	28
Future Volume (veh/h)	34	22	23	28	7	10	37	895	12	6	1139	28
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1722	1900	1900	1796	1900	1737	1900	1856	1767	1900	1826	1737
Adj Flow Rate, veh/h	36	23	24	29	7	11	39	942	13	6	1199	29
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	12	0	0	7	0	11	0	3	9	0	5	11
Cap, veh/h	66	303	135	58	147	114	78	2399	33	15	1495	634
Arrive On Green	0.04	0.08	0.08	0.03	0.08	0.08	0.04	0.47	0.47	0.01	0.43	0.43
Sat Flow, veh/h	1640	3610	1610	1711	1900	1472	1810	5149	71	1810	3469	1471
Grp Volume(v), veh/h	36	23	24	29	7	11	39	618	337	6	1199	29
Grp Sat Flow(s),veh/h/ln	1640	1805	1610	1711	1900	1472	1810	1689	1843	1810	1735	1471
Q Serve(g_s), s	0.9	0.3	0.6	0.7	0.2	0.3	0.9	5.3	5.3	0.1	13.3	0.5
Cycle Q Clear(g_c), s	0.9	0.3	0.6	0.7	0.2	0.3	0.9	5.3	5.3	0.1	13.3	0.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.04	1.00		1.00
Lane Grp Cap(c), veh/h	66	303	135	58	147	114	78	1573	858	15	1495	634
V/C Ratio(X)	0.54	0.08	0.18	0.50	0.05	0.10	0.50	0.39	0.39	0.41	0.80	0.05
Avail Cap(c_a), veh/h	186	1473	657	194	775	601	205	1573	858	205	1495	634
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	20.8	18.6	18.8	20.9	18.8	18.9	20.6	7.7	7.7	21.8	10.9	7.3
Incr Delay (d2), s/veh	6.7	0.1	0.6	6.5	0.1	0.4	4.9	0.7	1.4	17.6	4.6	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	0.1	0.2	0.4	0.1	0.1	0.4	1.3	1.5	0.1	4.1	0.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.5	18.7	19.4	27.5	19.0	19.3	25.5	8.4	9.1	39.4	15.6	7.4
LnGrp LOS	C	B	B	C	B	B	C	A	A	D	B	A
Approach Vol, veh/h		83			47			994			1234	
Approach Delay, s/veh		22.7			24.3			9.3			15.5	
Approach LOS		C			C			A			B	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	4.9	25.0	6.0	8.2	6.4	23.5	6.3	7.9				
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5				
Max Green Setting (Gmax), s	5.0	19.0	5.0	18.0	5.0	19.0	5.0	18.0				
Max Q Clear Time (g_c+I1), s	2.1	7.3	2.7	2.6	2.9	15.3	2.9	2.3				
Green Ext Time (p_c), s	0.0	4.4	0.0	0.1	0.0	2.5	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay				13.3								
HCM 6th LOS				B								

HCM 6th Signalized Intersection Summary Existing Plus Ambient Growth Plus Cumulative Projects
 4: Indian Avenue & Placentia Avenue

Timing Plan: PM Peak Hour



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	127	899	338	34	1068	57	52	94	22	47	201	422
Future Volume (veh/h)	127	899	338	34	1068	57	52	94	22	47	201	422
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1352	1900	1900	1900	1900	1767	1900	1811	1900	1870	1841	1218
Adj Flow Rate, veh/h	138	977	367	37	1161	62	57	102	24	51	218	459
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	37	0	0	0	0	9	0	6	0	2	4	46
Cap, veh/h	118	1275	569	69	1083	449	120	543	128	544	202	426
Arrive On Green	0.09	0.35	0.35	0.04	0.30	0.30	0.38	0.38	0.38	0.38	0.38	0.38
Sat Flow, veh/h	1287	3610	1610	1810	3610	1497	774	1418	334	1265	528	1112
Grp Volume(v), veh/h	138	977	367	37	1161	62	57	0	126	51	0	677
Grp Sat Flow(s),veh/h/ln	1287	1805	1610	1810	1805	1497	774	0	1751	1265	0	1641
Q Serve(g_s), s	5.5	14.4	11.5	1.2	18.0	1.8	0.0	0.0	2.9	1.7	0.0	23.0
Cycle Q Clear(g_c), s	5.5	14.4	11.5	1.2	18.0	1.8	23.0	0.0	2.9	4.5	0.0	23.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.19	1.00		0.68
Lane Grp Cap(c), veh/h	118	1275	569	69	1083	449	120	0	671	544	0	629
V/C Ratio(X)	1.17	0.77	0.65	0.53	1.07	0.14	0.47	0.00	0.19	0.09	0.00	1.08
Avail Cap(c_a), veh/h	118	1275	569	151	1083	449	120	0	671	544	0	629
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.97	0.97	0.97	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	27.3	17.2	16.2	28.3	21.0	15.3	30.0	0.0	12.3	13.8	0.0	18.5
Incr Delay (d2), s/veh	135.5	2.8	2.5	6.0	48.5	0.1	12.9	0.0	0.6	0.3	0.0	58.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	6.0	5.8	4.2	0.6	14.1	0.6	1.2	0.0	1.1	0.5	0.0	17.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	162.8	20.0	18.8	34.4	69.5	15.5	42.9	0.0	12.9	14.1	0.0	76.7
LnGrp LOS	F	C	B	C	F	B	D	A	B	B	A	F
Approach Vol, veh/h		1482			1260			183			728	
Approach Delay, s/veh		33.0			65.8			22.2			72.4	
Approach LOS		C			E			C			E	
Timer - Assigned Phs		2	3	4		6	7	8				
Phs Duration (G+Y+Rc), s		27.5	6.8	25.7		27.5	10.0	22.5				
Change Period (Y+Rc), s		4.5	4.5	4.5		4.5	4.5	4.5				
Max Green Setting (Gmax), s		23.0	5.0	18.5		23.0	5.5	18.0				
Max Q Clear Time (g_c+I1), s		25.0	3.2	16.4		25.0	7.5	20.0				
Green Ext Time (p_c), s		0.0	0.0	1.5		0.0	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay			51.6									
HCM 6th LOS			D									

HCM 6th Signalized Intersection Summary Existing Plus Ambient Growth Plus Cumulative Projects Plus Project
 1: Indian Avenue & Ramona Expressway Timing Plan: AM Peak Hour

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	151	1033	59	57	1676	221	52	234	28	89	226	22
Future Volume (veh/h)	151	1033	59	57	1676	221	52	234	28	89	226	22
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1693	1796	1248	1693	1856	1737	1278	1648	1796	1500	1411	1070
Adj Flow Rate, veh/h	154	1054	60	58	1710	226	53	239	29	91	231	22
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	14	7	44	14	3	11	42	17	7	27	33	56
Cap, veh/h	183	1867	106	75	1655	481	57	713	86	95	732	247
Arrive On Green	0.11	0.39	0.39	0.05	0.33	0.33	0.05	0.25	0.25	0.07	0.27	0.27
Sat Flow, veh/h	1612	4747	270	1612	5066	1472	1217	2814	338	1428	2681	905
Grp Volume(v), veh/h	154	726	388	58	1710	226	53	132	136	91	231	22
Grp Sat Flow(s),veh/h/ln	1612	1635	1748	1612	1689	1472	1217	1566	1586	1428	1340	905
Q Serve(g_s), s	7.0	13.0	13.0	2.7	24.5	9.2	3.3	5.1	5.3	4.8	5.1	1.4
Cycle Q Clear(g_c), s	7.0	13.0	13.0	2.7	24.5	9.2	3.3	5.1	5.3	4.8	5.1	1.4
Prop In Lane	1.00		0.15	1.00		1.00	1.00		0.21	1.00		1.00
Lane Grp Cap(c), veh/h	183	1286	687	75	1655	481	57	397	402	95	732	247
V/C Ratio(X)	0.84	0.56	0.57	0.77	1.03	0.47	0.93	0.33	0.34	0.96	0.32	0.09
Avail Cap(c_a), veh/h	183	1286	687	157	1655	481	81	397	402	95	732	247
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	32.6	17.7	17.8	35.3	25.3	20.1	35.6	22.8	22.9	34.9	21.7	20.3
Incr Delay (d2), s/veh	28.4	0.6	1.1	15.1	31.2	0.7	63.5	2.2	2.3	77.5	1.1	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.9	4.2	4.6	1.3	13.2	2.8	1.9	2.0	2.1	3.6	1.6	0.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	61.0	18.3	18.8	50.4	56.5	20.8	99.1	25.1	25.1	112.4	22.8	21.0
LnGrp LOS	E	B	B	D	F	C	F	C	C	F	C	C
Approach Vol, veh/h		1268			1994			321			344	
Approach Delay, s/veh		23.7			52.3			37.3			46.4	
Approach LOS		C			D			D			D	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	9.5	23.5	8.0	34.0	8.0	25.0	13.0	29.0				
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5				
Max Green Setting (Gmax), s	5.0	19.0	7.3	25.7	5.0	19.0	8.5	24.5				
Max Q Clear Time (g_c+I1), s	6.8	7.3	4.7	15.0	5.3	7.1	9.0	26.5				
Green Ext Time (p_c), s	0.0	1.0	0.0	4.8	0.0	1.1	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay			41.3									
HCM 6th LOS			D									

HCM 6th Signalized Intersection Summary Existing Plus Ambient Growth Plus Cumulative Projects Plus Project
 2: Indian Avenue & Morgan Street Timing Plan: AM Peak Hour



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↘	↑		↘	↑		↘	↑		↘	↑	
Traffic Volume (veh/h)	25	48	52	19	106	7	104	262	27	28	250	45
Future Volume (veh/h)	25	48	52	19	106	7	104	262	27	28	250	45
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No		No		No		No		No		No
Adj Sat Flow, veh/h/ln	1722	1841	1722	1411	1870	966	1870	1559	1396	1011	1396	1559
Adj Flow Rate, veh/h	27	53	57	21	116	8	114	288	30	31	275	49
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %	12	4	12	33	2	63	2	23	34	60	34	23
Cap, veh/h	52	191	171	34	348	24	147	1203	124	34	894	157
Arrive On Green	0.03	0.11	0.11	0.03	0.10	0.10	0.08	0.44	0.44	0.04	0.40	0.40
Sat Flow, veh/h	1640	1749	1560	1344	3375	231	1781	2710	280	963	2255	396
Grp Volume(v), veh/h	27	53	57	21	61	63	114	156	162	31	160	164
Grp Sat Flow(s),veh/h/ln	1640	1749	1560	1344	1777	1829	1781	1481	1509	963	1326	1325
Q Serve(g_s), s	0.8	1.3	1.6	0.7	1.5	1.5	2.9	3.1	3.1	1.5	3.9	4.0
Cycle Q Clear(g_c), s	0.8	1.3	1.6	0.7	1.5	1.5	2.9	3.1	3.1	1.5	3.9	4.0
Prop In Lane	1.00		1.00	1.00		0.13	1.00		0.19	1.00		0.30
Lane Grp Cap(c), veh/h	52	191	171	34	183	189	147	657	670	34	526	525
V/C Ratio(X)	0.52	0.28	0.33	0.61	0.33	0.34	0.77	0.24	0.24	0.91	0.30	0.31
Avail Cap(c_a), veh/h	176	675	602	144	686	706	210	657	670	103	526	525
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	22.2	19.1	19.2	22.5	19.4	19.4	21.0	8.1	8.1	22.4	9.7	9.7
Incr Delay (d2), s/veh	7.8	0.8	1.1	16.3	1.0	1.0	10.7	0.9	0.9	50.6	1.5	1.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	0.5	0.6	0.4	0.6	0.6	1.5	0.8	0.9	0.8	1.0	1.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.1	19.9	20.3	38.8	20.5	20.5	31.7	8.9	8.9	73.1	11.2	11.2
LnGrp LOS	C	B	C	D	C	C	C	A	A	E	B	B
Approach Vol, veh/h		137			145			432			355	
Approach Delay, s/veh		22.1			23.1			14.9			16.6	
Approach LOS		C			C			B			B	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	6.2	25.2	5.7	9.6	8.4	23.0	6.0	9.3				
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5				
Max Green Setting (Gmax), s	5.0	19.0	5.0	18.0	5.5	18.5	5.0	18.0				
Max Q Clear Time (g_c+1), s	13.5	5.1	2.7	3.6	4.9	6.0	2.8	3.5				
Green Ext Time (p_c), s	0.0	1.4	0.0	0.4	0.0	1.4	0.0	0.4				

Intersection Summary

HCM 6th Ctrl Delay	17.5
HCM 6th LOS	B

HCM 6th Signalized Intersection Summary
 3: Perris Boulevard & Morgan Street

Existing Plus Ambient Growth Plus Cumulative Projects Plus Project
 Timing Plan: AM Peak Hour



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	32	16	26	18	20	2	40	1259	13	10	575	60
Future Volume (veh/h)	32	16	26	18	20	2	40	1259	13	10	575	60
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1900	1381	1781	1811	1826	1900	1856	1826	1663	1900	1811	1796
Adj Flow Rate, veh/h	34	17	27	19	21	2	42	1325	14	11	605	63
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	0	35	8	6	5	0	3	5	16	0	6	7
Cap, veh/h	70	234	135	41	135	119	81	2352	25	26	1483	656
Arrive On Green	0.04	0.09	0.09	0.02	0.07	0.07	0.05	0.46	0.46	0.01	0.43	0.43
Sat Flow, veh/h	1810	2624	1510	1725	1826	1610	1767	5086	54	1810	3441	1521
Grp Volume(v), veh/h	34	17	27	19	21	2	42	866	473	11	605	63
Grp Sat Flow(s), veh/h/ln	1810	1312	1510	1725	1826	1610	1767	1662	1816	1810	1721	1521
Q Serve(g_s), s	0.8	0.3	0.7	0.5	0.5	0.1	1.0	8.3	8.3	0.3	5.3	1.1
Cycle Q Clear(g_c), s	0.8	0.3	0.7	0.5	0.5	0.1	1.0	8.3	8.3	0.3	5.3	1.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.03	1.00		1.00
Lane Grp Cap(c), veh/h	70	234	135	41	135	119	81	1537	840	26	1483	656
V/C Ratio(X)	0.49	0.07	0.20	0.47	0.16	0.02	0.52	0.56	0.56	0.43	0.41	0.10
Avail Cap(c_a), veh/h	206	1077	620	197	750	661	206	1537	840	206	1483	656
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	20.6	18.3	18.5	21.1	19.0	18.8	20.5	8.6	8.6	21.4	8.6	7.4
Incr Delay (d2), s/veh	5.1	0.1	0.7	8.1	0.5	0.1	5.1	1.5	2.7	10.7	0.8	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	0.1	0.2	0.3	0.2	0.0	0.5	2.1	2.5	0.2	1.4	0.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	25.8	18.4	19.2	29.3	19.5	18.9	25.6	10.1	11.3	32.1	9.4	7.7
LnGrp LOS	C	B	B	C	B	B	C	B	B	C	A	A
Approach Vol, veh/h		78			42			1381			679	
Approach Delay, s/veh		21.9			23.9			11.0			9.6	
Approach LOS		C			C			B			A	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	5.1	24.8	5.5	8.4	6.5	23.4	6.2	7.7				
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5				
Max Green Setting (Gmax), s	5.0	19.0	5.0	18.0	5.1	18.9	5.0	18.0				
Max Q Clear Time (g_c+1/3), s	12.3	10.3	2.5	2.7	3.0	7.3	2.8	2.5				
Green Ext Time (p_c), s	0.0	5.1	0.0	0.1	0.0	3.0	0.0	0.0				

Intersection Summary												
HCM 6th Ctrl Delay											11.2	
HCM 6th LOS											B	

HCM 6th Signalized Intersection Summary Existing Plus Ambient Growth Plus Cumulative Projects Plus Project
 4: Indian Avenue & Placentia Avenue Timing Plan: AM Peak Hour



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	267	660	225	211	966	19	43	280	134	38	171	101
Future Volume (veh/h)	267	660	225	211	966	19	43	280	134	38	171	101
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1411	1900	1900	1900	1900	1811	1900	1841	1900	1856	1811	1574
Adj Flow Rate, veh/h	290	717	245	229	1050	21	47	304	146	41	186	110
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	33	0	0	0	0	6	0	4	0	3	6	22
Cap, veh/h	235	1197	534	259	1083	460	287	352	169	172	320	189
Arrive On Green	0.17	0.33	0.33	0.14	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Sat Flow, veh/h	1344	3610	1610	1810	3610	1535	1100	1175	564	933	1067	631
Grp Volume(v), veh/h	290	717	245	229	1050	21	47	0	450	41	0	296
Grp Sat Flow(s),veh/h/ln	1344	1805	1610	1810	1805	1535	1100	0	1739	933	0	1698
Q Serve(g_s), s	10.5	9.9	7.2	7.4	17.2	0.6	2.3	0.0	14.7	2.6	0.0	8.9
Cycle Q Clear(g_c), s	10.5	9.9	7.2	7.4	17.2	0.6	11.1	0.0	14.7	17.3	0.0	8.9
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.32	1.00		0.37
Lane Grp Cap(c), veh/h	235	1197	534	259	1083	460	287	0	522	172	0	509
V/C Ratio(X)	1.23	0.60	0.46	0.88	0.97	0.05	0.16	0.00	0.86	0.24	0.00	0.58
Avail Cap(c_a), veh/h	235	1197	534	259	1083	460	287	0	522	172	0	509
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(l)	1.00	1.00	1.00	0.82	0.82	0.82	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	24.7	16.7	15.8	25.2	20.7	14.9	22.5	0.0	19.8	28.0	0.0	17.8
Incr Delay (d2), s/veh	136.1	0.8	0.6	24.1	17.9	0.0	1.2	0.0	17.0	3.2	0.0	4.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ft	2.0	3.8	2.5	4.7	9.2	0.2	0.6	0.0	7.8	0.7	0.0	3.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	160.9	17.5	16.4	49.3	38.6	14.9	23.7	0.0	36.8	31.2	0.0	22.6
LnGrp LOS	F	B	B	D	D	B	C	A	D	C	A	C
Approach Vol, veh/h		1252			1300			497			337	
Approach Delay, s/veh		50.5			40.1			35.6			23.6	
Approach LOS		D			D			D			C	
Timer - Assigned Phs		2	3	4		6	7	8				
Phs Duration (G+Y+Rc), s		22.5	13.1	24.4		22.5	15.0	22.5				
Change Period (Y+Rc), s		4.5	4.5	4.5		4.5	4.5	4.5				
Max Green Setting (Gmax), s		18.0	8.6	19.9		18.0	10.5	18.0				
Max Q Clear Time (g_c+I1), s		16.7	9.4	11.9		19.3	12.5	19.2				
Green Ext Time (p_c), s		0.4	0.0	3.5		0.0	0.0	0.0				

Intersection Summary

HCM 6th Ctrl Delay	41.7
HCM 6th LOS	D

Intersection						
Int Delay, s/veh	0.2					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	87	15	0	121	0	5
Future Vol, veh/h	87	15	0	121	0	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	1	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	13	40	0	5	0	50
Mvmt Flow	95	16	0	132	0	5

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	111	0	169
Stage 1	-	-	-	-	103
Stage 2	-	-	-	-	66
Critical Hdwy	-	-	4.1	-	6.6
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.8
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1492	-	818
Stage 1	-	-	-	-	926
Stage 2	-	-	-	-	955
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1492	-	818
Mov Cap-2 Maneuver	-	-	-	-	802
Stage 1	-	-	-	-	926
Stage 2	-	-	-	-	955

Approach	EB	WB	NB
HCM Control Delay, s	0	0	9.4
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	825	-	-	1492	-
HCM Lane V/C Ratio	0.007	-	-	-	-
HCM Control Delay (s)	9.4	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection						
Int Delay, s/veh	0.4					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	63	29	0	121	0	11
Future Vol, veh/h	63	29	0	121	0	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	1	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	7	44	0	5	0	29
Mvmt Flow	68	32	0	132	0	12

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	100	0	150 84
Stage 1	-	-	-	-	84 -
Stage 2	-	-	-	-	66 -
Critical Hdwy	-	-	4.1	-	6.6 6.635
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.8 -
Follow-up Hdwy	-	-	2.2	-	3.5 3.5755
Pot Cap-1 Maneuver	-	-	1505	-	840 899
Stage 1	-	-	-	-	944 -
Stage 2	-	-	-	-	955 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1505	-	840 899
Mov Cap-2 Maneuver	-	-	-	-	817 -
Stage 1	-	-	-	-	944 -
Stage 2	-	-	-	-	955 -

Approach	EB	WB	NB
HCM Control Delay, s	0	0	9.1
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	899	-	-	1505	-
HCM Lane V/C Ratio	0.013	-	-	-	-
HCM Control Delay (s)	9.1	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection

Int Delay, s/veh 0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations		↗		↑↑↑	↑↑↑	
Traffic Vol, veh/h	0	1	0	1312	611	8
Future Vol, veh/h	0	1	0	1312	611	8
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	5	6	0
Mvmt Flow	0	1	0	1426	664	9

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	-	337	-
Stage 1	-	-	-
Stage 2	-	-	-
Critical Hdwy	-	7.1	-
Critical Hdwy Stg 1	-	-	-
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	-	3.9	-
Pot Cap-1 Maneuver	0	567	0
Stage 1	0	-	0
Stage 2	0	-	0
Platoon blocked, %			-
Mov Cap-1 Maneuver	-	567	-
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.4	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT EBLn1	SBT	SBR
Capacity (veh/h)	-	567	-
HCM Lane V/C Ratio	-	0.002	-
HCM Control Delay (s)	-	11.4	-
HCM Lane LOS	-	B	-
HCM 95th %tile Q(veh)	-	0	-

Intersection

Int Delay, s/veh 0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations		↗		↑↑↑	↑↑↑	
Traffic Vol, veh/h	0	0	0	1312	609	3
Future Vol, veh/h	0	0	0	1312	609	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	5	6	0
Mvmt Flow	0	0	0	1426	662	3

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	-	333	-
Stage 1	-	-	-
Stage 2	-	-	-
Critical Hdwy	-	7.1	-
Critical Hdwy Stg 1	-	-	-
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	-	3.9	-
Pot Cap-1 Maneuver	0	570	0
Stage 1	0	-	0
Stage 2	0	-	0
Platoon blocked, %			-
Mov Cap-1 Maneuver	-	570	-
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT EBLn1	SBT	SBR
Capacity (veh/h)	-	-	-
HCM Lane V/C Ratio	-	-	-
HCM Control Delay (s)	-	0	-
HCM Lane LOS	-	A	-
HCM 95th %tile Q(veh)	-	-	-

HCM 6th Signalized Intersection Summary Existing Plus Ambient Growth Plus Cumulative Projects Plus Project
 1: Indian Avenue & Ramona Expressway Timing Plan: PM Peak Hour

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	63	1662	88	120	1211	138	92	238	30	222	326	40
Future Volume (veh/h)	63	1662	88	120	1211	138	92	238	30	222	326	40
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1559	1856	1278	1737	1856	1693	1515	1455	1693	1693	1500	1470
Adj Flow Rate, veh/h	64	1696	90	122	1236	141	94	243	31	227	333	41
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	23	3	42	11	3	14	26	30	14	14	27	29
Cap, veh/h	77	1724	91	138	1932	547	114	532	67	244	820	358
Arrive On Green	0.05	0.35	0.35	0.08	0.38	0.38	0.08	0.22	0.22	0.15	0.29	0.29
Sat Flow, veh/h	1485	4925	261	1654	5066	1434	1443	2469	311	1612	2850	1243
Grp Volume(v), veh/h	64	1163	623	122	1236	141	94	135	139	227	333	41
Grp Sat Flow(s),veh/h/ln	1485	1689	1809	1654	1689	1434	1443	1383	1398	1612	1425	1243
Q Serve(g_s), s	3.8	30.7	30.8	6.6	18.0	6.1	5.8	7.6	7.8	12.5	8.5	2.2
Cycle Q Clear(g_c), s	3.8	30.7	30.8	6.6	18.0	6.1	5.8	7.6	7.8	12.5	8.5	2.2
Prop In Lane	1.00		0.14	1.00		1.00	1.00		0.22	1.00		1.00
Lane Grp Cap(c), veh/h	77	1182	633	138	1932	547	114	298	301	244	820	358
V/C Ratio(X)	0.83	0.98	0.98	0.88	0.64	0.26	0.83	0.45	0.46	0.93	0.41	0.11
Avail Cap(c_a), veh/h	144	1182	633	138	1932	547	202	298	301	244	820	358
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	42.3	29.0	29.0	40.8	22.8	19.1	40.8	30.7	30.8	37.7	25.9	23.6
Incr Delay (d2), s/veh	19.4	22.2	31.8	44.3	0.7	0.2	13.8	4.9	5.0	39.5	1.5	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	14.7	17.5	4.2	6.5	1.9	2.4	2.8	2.9	7.4	2.9	0.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	61.7	51.2	60.8	85.2	23.5	19.4	54.6	35.6	35.8	77.2	27.3	24.3
LnGrp LOS	E	D	E	F	C	B	D	D	D	E	C	C
Approach Vol, veh/h		1850			1499			368			601	
Approach Delay, s/veh		54.8			28.1			40.5			46.0	
Approach LOS		D			C			D			D	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	18.1	23.9	12.0	36.0	11.6	30.4	9.2	38.8				
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5				
Max Green Setting (Gmax), s	13.6	19.4	7.5	31.5	12.6	20.4	8.7	30.3				
Max Q Clear Time (g_c+I1), s	14.5	9.8	8.6	32.8	7.8	10.5	5.8	20.0				
Green Ext Time (p_c), s	0.0	1.0	0.0	0.0	0.1	1.5	0.0	5.7				
Intersection Summary												
HCM 6th Ctrl Delay				43.1								
HCM 6th LOS				D								

HCM 6th Signalized Intersection Summary Existing Plus Ambient Growth Plus Cumulative Projects Plus Project
 2: Indian Avenue & Morgan Street Timing Plan: PM Peak Hour



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	17	72	71	10	35	8	69	304	22	18	478	25
Future Volume (veh/h)	17	72	71	10	35	8	69	304	22	18	478	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No		No		No		No		No		No
Adj Sat Flow, veh/h/ln	1900	1900	1841	1752	1900	1500	1856	1500	1396	1248	1604	1292
Adj Flow Rate, veh/h	24	103	101	14	50	11	99	434	31	26	683	36
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	0	0	4	10	0	27	3	27	34	44	20	41
Cap, veh/h	52	213	189	30	316	67	137	1203	86	36	1174	62
Arrive On Green	0.03	0.12	0.12	0.02	0.11	0.11	0.08	0.45	0.45	0.03	0.40	0.40
Sat Flow, veh/h	1810	1810	1606	1668	2961	631	1767	2698	192	1188	2944	155
Grp Volume(v), veh/h	24	103	101	14	30	31	99	229	236	26	353	366
Grp Sat Flow(s),veh/h/ln	1810	1805	1611	1668	1805	1786	1767	1425	1465	1188	1523	1576
Q Serve(g_s), s	0.6	2.5	2.7	0.4	0.7	0.7	2.5	4.9	4.9	1.0	8.4	8.4
Cycle Q Clear(g_c), s	0.6	2.5	2.7	0.4	0.7	0.7	2.5	4.9	4.9	1.0	8.4	8.4
Prop In Lane	1.00		1.00	1.00		0.35	1.00		0.13	1.00		0.10
Lane Grp Cap(c), veh/h	52	212	190	30	193	191	137	635	653	36	608	628
V/C Ratio(X)	0.46	0.48	0.53	0.47	0.15	0.16	0.72	0.36	0.36	0.71	0.58	0.58
Avail Cap(c_a), veh/h	195	700	625	180	700	693	210	635	653	128	608	628
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	22.2	19.1	19.3	22.6	18.8	18.8	20.9	8.5	8.5	22.3	10.9	10.9
Incr Delay (d2), s/veh	6.3	1.7	2.3	11.2	0.4	0.4	6.9	1.6	1.6	22.6	4.0	3.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	1.0	1.0	0.2	0.3	0.3	1.2	1.3	1.4	0.5	2.7	2.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.5	20.8	21.6	33.7	19.2	19.2	27.8	10.1	10.1	44.8	14.9	14.8
LnGrp LOS	C	C	C	C	B	B	C	B	B	D	B	B
Approach Vol, veh/h		228			75			564			745	
Approach Delay, s/veh		22.0			21.9			13.2			15.9	
Approach LOS		C			C			B			B	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	5.9	25.2	5.3	10.0	8.1	23.0	5.8	9.5				
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5				
Max Green Setting (Gmax), s	5.0	19.0	5.0	18.0	5.5	18.5	5.0	18.0				
Max Q Clear Time (g_c+13), s	13.0	6.9	2.4	4.7	4.5	10.4	2.6	2.7				
Green Ext Time (p_c), s	0.0	2.1	0.0	0.8	0.0	2.7	0.0	0.2				

Intersection Summary												
HCM 6th Ctrl Delay											16.1	
HCM 6th LOS											B	

HCM 6th Signalized Intersection Summary
 3: Perris Boulevard & Morgan Street

Existing Plus Ambient Growth Plus Cumulative Projects Plus Project
 Timing Plan: PM Peak Hour



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	53	51	28	28	7	10	37	895	12	6	1144	28
Future Volume (veh/h)	53	51	28	28	7	10	37	895	12	6	1144	28
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1781	1426	1900	1796	1900	1737	1900	1856	1767	1900	1826	1737
Adj Flow Rate, veh/h	56	54	29	29	7	11	39	942	13	6	1204	29
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	8	32	0	7	0	11	0	3	9	0	5	11
Cap, veh/h	95	300	178	58	168	130	77	2328	32	15	1448	614
Arrive On Green	0.06	0.11	0.11	0.03	0.09	0.09	0.04	0.45	0.45	0.01	0.42	0.42
Sat Flow, veh/h	1697	2709	1610	1711	1900	1472	1810	5149	71	1810	3469	1471
Grp Volume(v), veh/h	56	54	29	29	7	11	39	618	337	6	1204	29
Grp Sat Flow(s),veh/h/ln	1697	1354	1610	1711	1900	1472	1810	1689	1843	1810	1735	1471
Q Serve(g_s), s	1.5	0.8	0.7	0.8	0.2	0.3	1.0	5.6	5.6	0.2	14.1	0.5
Cycle Q Clear(g_c), s	1.5	0.8	0.7	0.8	0.2	0.3	1.0	5.6	5.6	0.2	14.1	0.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.04	1.00		1.00
Lane Grp Cap(c), veh/h	95	300	178	58	168	130	77	1527	833	15	1448	614
V/C Ratio(X)	0.59	0.18	0.16	0.50	0.04	0.08	0.50	0.40	0.40	0.41	0.83	0.05
Avail Cap(c_a), veh/h	186	1071	637	188	751	582	199	1527	833	199	1448	614
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	21.0	18.4	18.3	21.6	19.0	19.0	21.3	8.4	8.4	22.5	11.8	7.9
Incr Delay (d2), s/veh	5.8	0.3	0.4	6.6	0.1	0.3	5.0	0.8	1.5	17.7	5.7	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	0.2	0.3	0.4	0.1	0.1	0.4	1.4	1.7	0.1	4.7	0.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	26.8	18.7	18.8	28.2	19.1	19.3	26.3	9.2	9.8	40.1	17.5	8.0
LnGrp LOS	C	B	B	C	B	B	C	A	A	D	B	A
Approach Vol, veh/h		139			47			994			1239	
Approach Delay, s/veh		21.9			24.8			10.1			17.4	
Approach LOS		C			C			B			B	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	4.9	25.1	6.0	9.5	6.4	23.5	7.0	8.5				
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5				
Max Green Setting (Gmax), s	5.0	19.0	5.0	18.0	5.0	19.0	5.0	18.0				
Max Q Clear Time (g_c+1/2), s	12.2	7.6	2.8	2.8	3.0	16.1	3.5	2.3				
Green Ext Time (p_c), s	0.0	4.3	0.0	0.3	0.0	2.0	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay				14.8								
HCM 6th LOS				B								

HCM 6th Signalized Intersection Summary Existing Plus Ambient Growth Plus Cumulative Projects Plus Project
 4: Indian Avenue & Placentia Avenue Timing Plan: PM Peak Hour



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	133	899	338	34	1074	57	52	94	22	47	201	422
Future Volume (veh/h)	133	899	338	34	1074	57	52	94	22	47	201	422
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No		No		No		No		No		No
Adj Sat Flow, veh/h/ln	1337	1900	1900	1900	1900	1767	1900	1811	1900	1870	1841	1218
Adj Flow Rate, veh/h	145	977	367	37	1167	62	57	102	24	51	218	459
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	38	0	0	0	0	9	0	6	0	2	4	46
Cap, veh/h	117	1275	569	69	1083	449	120	543	128	544	202	426
Arrive On Green	0.09	0.35	0.35	0.04	0.30	0.30	0.38	0.38	0.38	0.38	0.38	0.38
Sat Flow, veh/h	1273	3610	1610	1810	3610	1497	774	1418	334	1265	528	1112
Grp Volume(v), veh/h	145	977	367	37	1167	62	57	0	126	51	0	677
Grp Sat Flow(s),veh/h/ln	1273	1805	1610	1810	1805	1497	774	0	1751	1265	0	1641
Q Serve(g_s), s	5.5	14.4	11.5	1.2	18.0	1.8	0.0	0.0	2.9	1.7	0.0	23.0
Cycle Q Clear(g_c), s	5.5	14.4	11.5	1.2	18.0	1.8	23.0	0.0	2.9	4.5	0.0	23.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.19	1.00		0.68
Lane Grp Cap(c), veh/h	117	1275	569	69	1083	449	120	0	671	544	0	629
V/C Ratio(X)	1.24	0.77	0.65	0.53	1.08	0.14	0.47	0.00	0.19	0.09	0.00	1.08
Avail Cap(c_a), veh/h	117	1275	569	151	1083	449	120	0	671	544	0	629
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.97	0.97	0.97	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	27.2	17.2	16.2	28.3	21.0	15.3	30.0	0.0	12.3	13.8	0.0	18.5
Incr Delay (d2), s/veh	162.2	2.8	2.5	6.0	50.4	0.1	12.9	0.0	0.6	0.3	0.0	58.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	6.8	5.8	4.2	0.6	14.4	0.6	1.2	0.0	1.1	0.5	0.0	17.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	189.5	20.0	18.8	34.4	71.4	15.5	42.9	0.0	12.9	14.1	0.0	76.7
LnGrp LOS	F	C	B	C	F	B	D	A	B	B	A	F
Approach Vol, veh/h		1489			1266			183			728	
Approach Delay, s/veh		36.2			67.6			22.2			72.4	
Approach LOS		D			E			C			E	
Timer - Assigned Phs		2	3	4		6	7	8				
Phs Duration (G+Y+Rc), s		27.5	6.8	25.7		27.5	10.0	22.5				
Change Period (Y+Rc), s		4.5	4.5	4.5		4.5	4.5	4.5				
Max Green Setting (Gmax), s		23.0	5.0	18.5		23.0	5.5	18.0				
Max Q Clear Time (g_c+I1), s		25.0	3.2	16.4		25.0	7.5	20.0				
Green Ext Time (p_c), s		0.0	0.0	1.5		0.0	0.0	0.0				

Intersection Summary												
HCM 6th Ctrl Delay											53.5	
HCM 6th LOS											D	

Intersection						
Int Delay, s/veh	0.6					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	94	7	0	72	0	12
Future Vol, veh/h	94	7	0	72	0	12
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	1	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	8	50	0	4	0	43
Mvmt Flow	102	8	0	78	0	13

Major/Minor	Major1	Major2	Minor1	Minor2
Conflicting Flow All	0	0	110	0
Stage 1	-	-	-	106
Stage 2	-	-	-	39
Critical Hdwy	-	-	4.1	-
Critical Hdwy Stg 1	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	5.8
Follow-up Hdwy	-	-	2.2	-
Pot Cap-1 Maneuver	-	-	1493	-
Stage 1	-	-	-	923
Stage 2	-	-	-	984
Platoon blocked, %	-	-	-	-
Mov Cap-1 Maneuver	-	-	1493	-
Mov Cap-2 Maneuver	-	-	-	817
Stage 1	-	-	-	923
Stage 2	-	-	-	984

Approach	EB	WB	NB
HCM Control Delay, s	0	0	9.4
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	838	-	-	1493	-
HCM Lane V/C Ratio	0.016	-	-	-	-
HCM Control Delay (s)	9.4	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection						
Int Delay, s/veh	1.8					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	92	14	0	72	0	41
Future Vol, veh/h	92	14	0	72	0	41
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	1	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	8	43	0	4	0	29
Mvmt Flow	100	15	0	78	0	45

Major/Minor	Major1	Major2	Minor1	Minor2
Conflicting Flow All	0	0	115	0
Stage 1	-	-	-	108
Stage 2	-	-	-	39
Critical Hdwy	-	-	4.1	-
Critical Hdwy Stg 1	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	5.8
Follow-up Hdwy	-	-	2.2	-
Pot Cap-1 Maneuver	-	-	1487	-
Stage 1	-	-	-	921
Stage 2	-	-	-	984
Platoon blocked, %	-	-	-	-
Mov Cap-1 Maneuver	-	-	1487	-
Mov Cap-2 Maneuver	-	-	-	815
Stage 1	-	-	-	921
Stage 2	-	-	-	984

Approach	EB	WB	NB
HCM Control Delay, s	0	0	9.4
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	870	-	-	1487	-
HCM Lane V/C Ratio	0.051	-	-	-	-
HCM Control Delay (s)	9.4	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0.2	-	-	0	-

Intersection

Int Delay, s/veh 0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations		↗		↑↑↑	↑↑↑	
Traffic Vol, veh/h	0	3	0	944	1196	4
Future Vol, veh/h	0	3	0	944	1196	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	3	5	0
Mvmt Flow	0	3	0	1026	1300	4

Major/Minor

	Minor2	Major1	Major2
Conflicting Flow All	-	652	-
Stage 1	-	-	-
Stage 2	-	-	-
Critical Hdwy	-	7.1	-
Critical Hdwy Stg 1	-	-	-
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	-	3.9	-
Pot Cap-1 Maneuver	0	356	0
Stage 1	0	-	0
Stage 2	0	-	0
Platoon blocked, %			-
Mov Cap-1 Maneuver	-	356	-
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-

Approach

	EB	NB	SB
HCM Control Delay, s	15.2	0	0
HCM LOS	C		

Minor Lane/Major Mvmt

	NBT EBLn1	SBT	SBR
Capacity (veh/h)	-	356	-
HCM Lane V/C Ratio	-	0.009	-
HCM Control Delay (s)	-	15.2	-
HCM Lane LOS	-	C	-
HCM 95th %tile Q(veh)	-	0	-

Intersection

Int Delay, s/veh 0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations		↗		↑↑↑	↑↑↑	
Traffic Vol, veh/h	0	1	0	944	1198	1
Future Vol, veh/h	0	1	0	944	1198	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	3	5	0
Mvmt Flow	0	1	0	1026	1302	1

Major/Minor	Minor2	Major1	Major2
Conflicting Flow All	-	652	0
Stage 1	-	-	-
Stage 2	-	-	-
Critical Hdwy	-	7.1	-
Critical Hdwy Stg 1	-	-	-
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	-	3.9	-
Pot Cap-1 Maneuver	0	356	0
Stage 1	0	-	0
Stage 2	0	-	0
Platoon blocked, %			-
Mov Cap-1 Maneuver	-	356	-
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.1	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT EBLn1	SBT	SBR
Capacity (veh/h)	- 356	-	-
HCM Lane V/C Ratio	- 0.003	-	-
HCM Control Delay (s)	- 15.1	-	-
HCM Lane LOS	- C	-	-
HCM 95th %tile Q(veh)	- 0	-	-

Appendix C

Traffic Counts

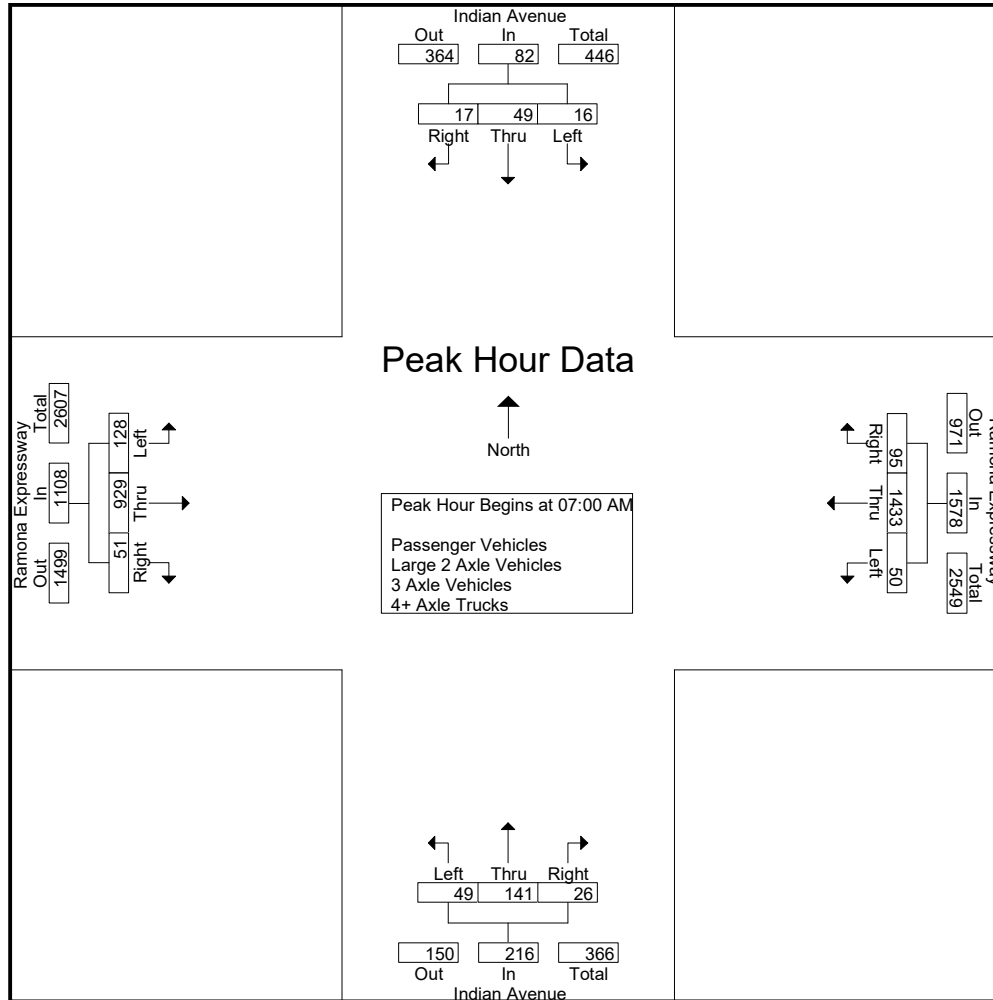
City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Indian Avenue Southbound					Ramona Expressway Westbound					Indian Avenue Northbound					Ramona Expressway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	6	5	3	2	14	16	406	27	12	449	16	39	9	4	64	25	198	9	0	232	18	759	777
07:15 AM	3	13	3	3	19	9	352	25	7	386	12	37	7	5	56	46	209	15	1	270	16	731	747
07:30 AM	4	20	6	0	30	14	328	24	5	366	8	29	7	1	44	36	254	9	0	299	6	739	745
07:45 AM	3	11	5	2	19	11	347	19	4	377	13	36	3	1	52	21	268	18	1	307	8	755	763
Total	16	49	17	7	82	50	1433	95	28	1578	49	141	26	11	216	128	929	51	2	1108	48	2984	3032
08:00 AM	7	14	4	3	25	14	363	22	11	399	13	21	5	3	39	23	199	14	1	236	18	699	717
08:15 AM	6	9	3	2	18	13	350	11	3	374	18	15	3	3	36	19	216	15	1	250	9	678	687
08:30 AM	3	14	7	4	24	5	260	15	7	280	20	6	9	8	35	8	162	17	3	187	22	526	548
08:45 AM	9	12	4	0	25	5	266	10	5	281	15	11	5	3	31	8	206	9	1	223	9	560	569
Total	25	49	18	9	92	37	1239	58	26	1334	66	53	22	17	141	58	783	55	6	896	58	2463	2521
Grand Total	41	98	35	16	174	87	2672	153	54	2912	115	194	48	28	357	186	1712	106	8	2004	106	5447	5553
Apprch %	23.6	56.3	20.1			3	91.8	5.3			32.2	54.3	13.4			9.3	85.4	5.3					
Total %	0.8	1.8	0.6		3.2	1.6	49.1	2.8		53.5	2.1	3.6	0.9		6.6	3.4	31.4	1.9		36.8	1.9	98.1	
Passenger Vehicles	37	74	19		142	75	2572	151		2852	63	170	45		305	151	1588	44		1789	0	0	5088
% Passenger Vehicles	90.2	75.5	54.3	75	74.7	86.2	96.3	98.7	100	96.2	54.8	87.6	93.8	96.4	79.2	81.2	92.8	41.5	75	88.9	0	0	91.6
Large 2 Axle Vehicles	2	2	1		6	10	47	0		57	5	1	1		8	7	67	4		78	0	0	149
% Large 2 Axle Vehicles	4.9	2	2.9	6.2	3.2	11.5	1.8	0	0	1.9	4.3	0.5	2.1	3.6	2.1	3.8	3.9	3.8	0	3.9	0	0	2.7
3 Axle Vehicles	1	6	1		8	0	11	1		12	7	2	1		10	4	9	6		19	0	0	49
% 3 Axle Vehicles	2.4	6.1	2.9	0	4.2	0	0.4	0.7	0	0.4	6.1	1	2.1	0	2.6	2.2	0.5	5.7	0	0.9	0	0	0.9
4+ Axle Trucks	1	16	14		34	2	42	1		45	40	21	1		62	24	48	52		126	0	0	267
% 4+ Axle Trucks	2.4	16.3	40	18.8	17.9	2.3	1.6	0.7	0	1.5	34.8	10.8	2.1	0	16.1	12.9	2.8	49.1	25	6.3	0	0	4.8

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	6	5	3	14	16	406	27	449	16	39	9	64	25	198	9	232	759
07:15 AM	3	13	3	19	9	352	25	386	12	37	7	56	46	209	15	270	731
07:30 AM	4	20	6	30	14	328	24	366	8	29	7	44	36	254	9	299	739
07:45 AM	3	11	5	19	11	347	19	377	13	36	3	52	21	268	18	307	755
Total Volume	16	49	17	82	50	1433	95	1578	49	141	26	216	128	929	51	1108	2984
% App. Total	19.5	59.8	20.7		3.2	90.8	6		22.7	65.3	12		11.6	83.8	4.6		
PHF	.667	.613	.708	.683	.781	.882	.880	.879	.766	.904	.722	.844	.696	.867	.708	.902	.983



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City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 3

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:00 AM				07:00 AM				07:15 AM				
+0 mins.	3	13	3	19	16	406	27	449	16	39	9	64	46	209	15	270	
+15 mins.	4	20	6	30	9	352	25	386	12	37	7	56	36	254	9	299	
+30 mins.	3	11	5	19	14	328	24	366	8	29	7	44	21	268	18	307	
+45 mins.	7	14	4	25	11	347	19	377	13	36	3	52	23	199	14	236	
Total Volume	17	58	18	93	50	1433	95	1578	49	141	26	216	126	930	56	1112	
% App. Total	18.3	62.4	19.4		3.2	90.8	6		22.7	65.3	12		11.3	83.6	5		
PHF	.607	.725	.750	.775	.781	.882	.880	.879	.766	.904	.722	.844	.685	.868	.778	.906	

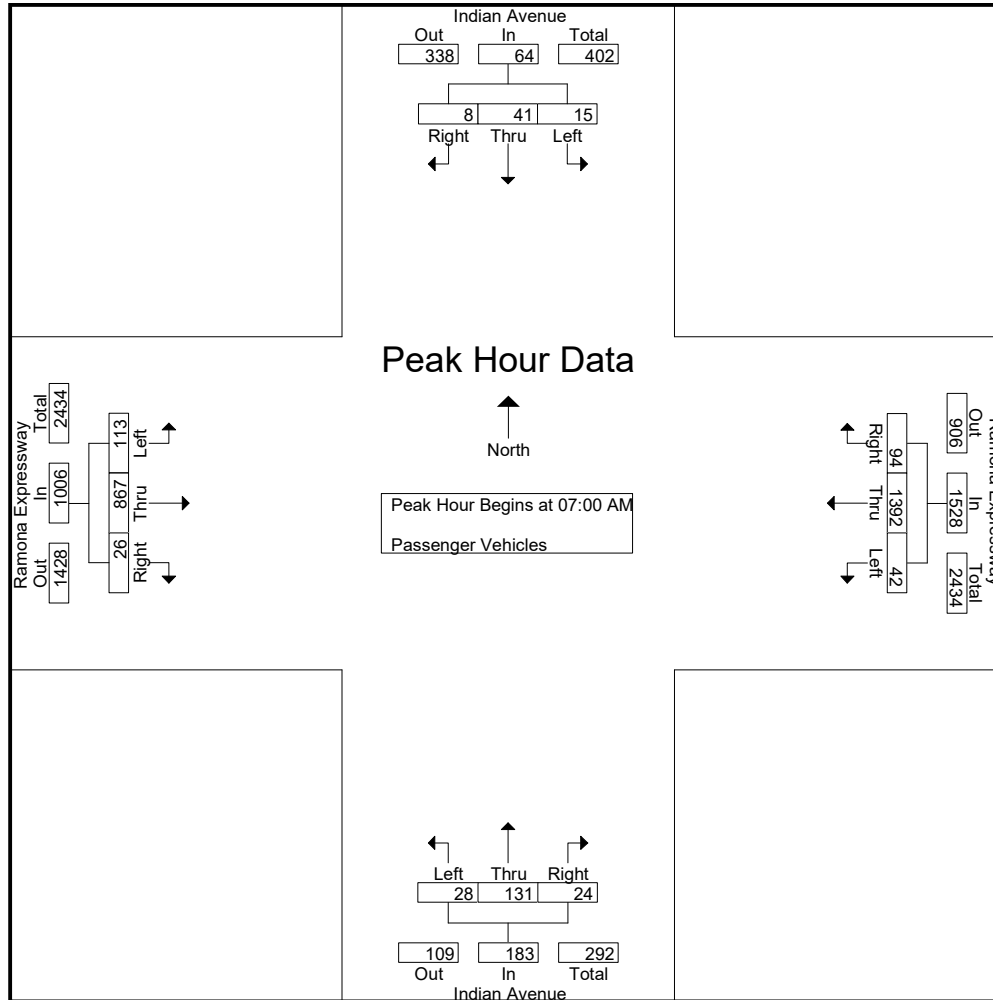
City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Indian Avenue Southbound					Ramona Expressway Westbound					Indian Avenue Northbound					Ramona Expressway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	6	5	2	2	13	14	395	27	12	436	10	34	9	4	53	17	183	4	0	204	18	706	724
07:15 AM	3	12	2	2	17	7	338	25	7	370	9	36	6	4	51	45	196	6	1	247	14	685	699
07:30 AM	3	14	2	0	19	12	319	23	5	354	3	27	6	1	36	33	236	4	0	273	6	682	688
07:45 AM	3	10	2	1	15	9	340	19	4	368	6	34	3	1	43	18	252	12	1	282	7	708	715
Total	15	41	8	5	64	42	1392	94	28	1528	28	131	24	10	183	113	867	26	2	1006	45	2781	2826
08:00 AM	6	10	3	3	19	13	349	22	11	384	4	17	4	3	25	16	186	7	1	209	18	637	655
08:15 AM	6	7	3	2	16	13	335	11	3	359	9	6	3	3	18	13	196	6	1	215	9	608	617
08:30 AM	3	11	3	2	17	2	243	15	7	260	13	5	9	8	27	4	149	2	1	155	18	459	477
08:45 AM	7	5	2	0	14	5	253	9	5	267	9	11	5	3	25	5	190	3	1	198	9	504	513
Total	22	33	11	7	66	33	1180	57	26	1270	35	39	21	17	95	38	721	18	4	777	54	2208	2262
Grand Total	37	74	19	12	130	75	2572	151	54	2798	63	170	45	27	278	151	1588	44	6	1783	99	4989	5088
Apprch %	28.5	56.9	14.6			2.7	91.9	5.4			22.7	61.2	16.2			8.5	89.1	2.5					
Total %	0.7	1.5	0.4		2.6	1.5	51.6	3		56.1	1.3	3.4	0.9		5.6	3	31.8	0.9		35.7	1.9	98.1	

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	6	5	2	13	14	395	27	436	10	34	9	53	17	183	4	204	706
07:15 AM	3	12	2	17	7	338	25	370	9	36	6	51	45	196	6	247	685
07:30 AM	3	14	2	19	12	319	23	354	3	27	6	36	33	236	4	273	682
07:45 AM	3	10	2	15	9	340	19	368	6	34	3	43	18	252	12	282	708
Total Volume	15	41	8	64	42	1392	94	1528	28	131	24	183	113	867	26	1006	2781
% App. Total	23.4	64.1	12.5		2.7	91.1	6.2		15.3	71.6	13.1		11.2	86.2	2.6		
PHF	.625	.732	1.00	.842	.750	.881	.870	.876	.700	.910	.667	.863	.628	.860	.542	.892	.982



City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram AM
 Site Code : 05120169
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Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	6	5	2	13	14	395	27	436	10	34	9	53	17	183	4	204	
+15 mins.	3	12	2	17	7	338	25	370	9	36	6	51	45	196	6	247	
+30 mins.	3	14	2	19	12	319	23	354	3	27	6	36	33	236	4	273	
+45 mins.	3	10	2	15	9	340	19	368	6	34	3	43	18	252	12	282	
Total Volume	15	41	8	64	42	1392	94	1528	28	131	24	183	113	867	26	1006	
% App. Total	23.4	64.1	12.5		2.7	91.1	6.2		15.3	71.6	13.1		11.2	86.2	2.6		
PHF	.625	.732	1.000	.842	.750	.881	.870	.876	.700	.910	.667	.863	.628	.860	.542	.892	

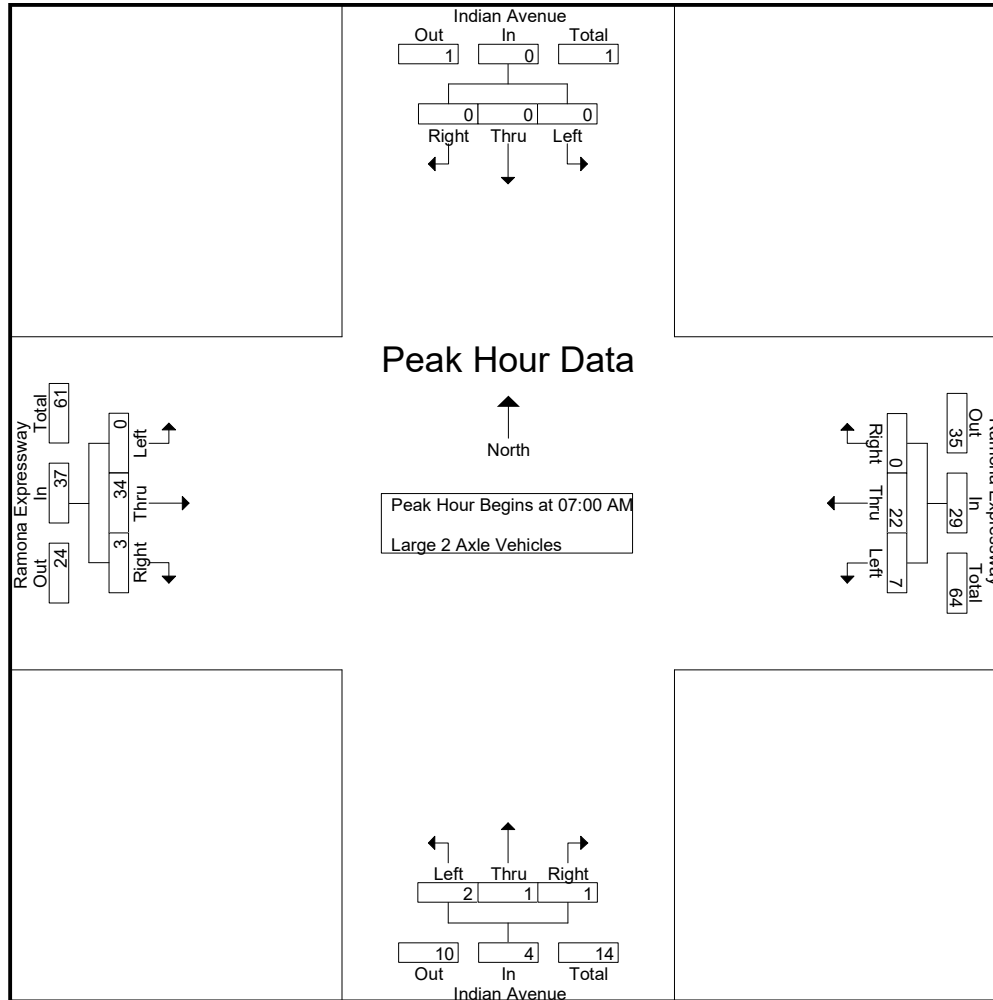
City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

Groups Printed- Large 2 Axle Vehicles

Start Time	Indian Avenue Southbound					Ramona Expressway Westbound					Indian Avenue Northbound					Ramona Expressway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	0	0	0	2	3	0	0	5	0	0	0	0	0	0	11	1	0	12	0	17	17
07:15 AM	0	0	0	0	0	2	7	0	0	9	1	0	1	1	2	0	4	1	0	5	1	16	17
07:30 AM	0	0	0	0	0	1	6	0	0	7	1	1	0	0	2	0	9	0	0	9	0	18	18
07:45 AM	0	0	0	0	0	2	6	0	0	8	0	0	0	0	0	0	10	1	0	11	0	19	19
Total	0	0	0	0	0	7	22	0	0	29	2	1	1	1	4	0	34	3	0	37	1	70	71
08:00 AM	1	1	0	0	2	1	11	0	0	12	1	0	0	0	1	4	9	1	0	14	0	29	29
08:15 AM	0	0	0	0	0	0	8	0	0	8	1	0	0	0	1	0	10	0	0	10	0	19	19
08:30 AM	0	0	1	1	1	2	1	0	0	3	1	0	0	0	1	1	7	0	0	8	1	13	14
08:45 AM	1	1	0	0	2	0	5	0	0	5	0	0	0	0	0	2	7	0	0	9	0	16	16
Total	2	2	1	1	5	3	25	0	0	28	3	0	0	0	3	7	33	1	0	41	1	77	78
Grand Total	2	2	1	1	5	10	47	0	0	57	5	1	1	1	7	7	67	4	0	78	2	147	149
Apprch %	40	40	20			17.5	82.5	0			71.4	14.3	14.3			9	85.9	5.1					
Total %	1.4	1.4	0.7		3.4	6.8	32	0		38.8	3.4	0.7	0.7		4.8	4.8	45.6	2.7		53.1	1.3	98.7	

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	0	0	0	2	3	0	5	0	0	0	0	0	11	1	12	17
07:15 AM	0	0	0	0	2	7	0	9	1	0	1	2	0	4	1	5	16
07:30 AM	0	0	0	0	1	6	0	7	1	1	0	2	0	9	0	9	18
07:45 AM	0	0	0	0	2	6	0	8	0	0	0	0	0	10	1	11	19
Total Volume	0	0	0	0	7	22	0	29	2	1	1	4	0	34	3	37	70
% App. Total	0	0	0		24.1	75.9	0		50	25	25		0	91.9	8.1		
PHF	.000	.000	.000	.000	.875	.786	.000	.806	.500	.250	.250	.500	.000	.773	.750	.771	.921



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City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram AM
 Site Code : 05120169
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Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	0	0	0	0	2	3	0	5	0	0	0	0	0	11	1	12	
+15 mins.	0	0	0	0	2	7	0	9	1	0	1	2	0	4	1	5	
+30 mins.	0	0	0	0	1	6	0	7	1	1	0	2	0	9	0	9	
+45 mins.	0	0	0	0	2	6	0	8	0	0	0	0	0	10	1	11	
Total Volume	0	0	0	0	7	22	0	29	2	1	1	4	0	34	3	37	
% App. Total	0	0	0	0	24.1	75.9	0		50	25	25		0	91.9	8.1		
PHF	.000	.000	.000	.000	.875	.786	.000	.806	.500	.250	.250	.500	.000	.773	.750	.771	

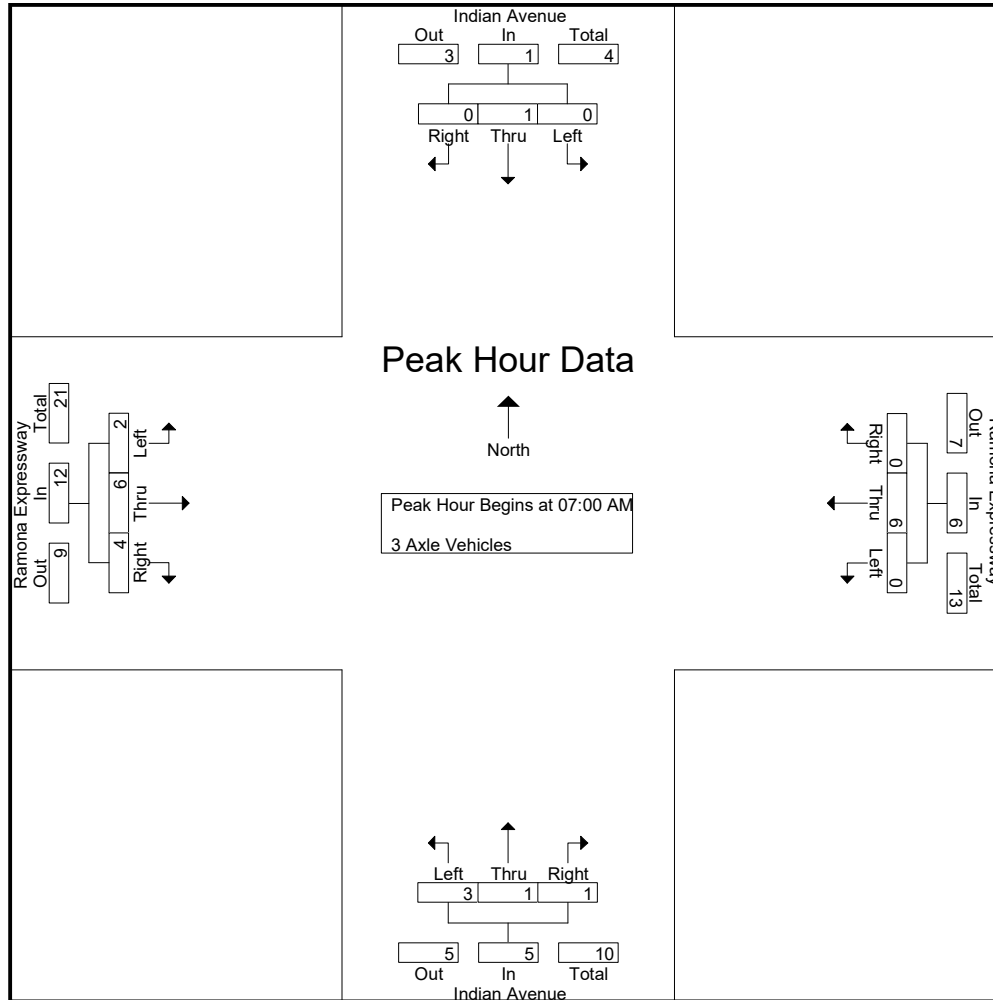
City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram AM
 Site Code : 05120169
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Groups Printed- 3 Axle Vehicles

Start Time	Indian Avenue Southbound					Ramona Expressway Westbound					Indian Avenue Northbound					Ramona Expressway Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	0	0	0	0	0	3	0	0	3	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	5	5
07:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5	5
07:30 AM	0	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	1	3	0	5	0	0	0	0	0	0	8	8
07:45 AM	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	2	1	0	3	0	0	0	0	0	0	6	6
Total	0	1	0	0	1	0	6	0	0	6	3	1	1	0	5	2	6	4	0	12	0	0	0	0	0	0	24	24
08:00 AM	0	1	0	0	1	0	1	0	0	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	4
08:15 AM	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	1	1	1	0	3	0	0	0	0	0	0	5	5
08:30 AM	0	2	1	0	3	0	2	0	0	2	2	0	0	0	2	1	1	0	0	2	0	0	0	0	0	0	9	9
08:45 AM	1	2	0	0	3	0	1	1	0	2	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	7	7
Total	1	5	1	0	7	0	5	1	0	6	4	1	0	0	5	2	3	2	0	7	0	0	0	0	0	0	25	25
Grand Total	1	6	1	0	8	0	11	1	0	12	7	2	1	0	10	4	9	6	0	19	0	0	0	0	0	0	49	49
Apprch %	12.5	75	12.5			0	91.7	8.3			70	20	10			21.1	47.4	31.6										
Total %	2	12.2	2		16.3	0	22.4	2		24.5	14.3	4.1	2		20.4	8.2	18.4	12.2		38.8	0	0	0			0	100	

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	0	0	0	0	3	0	3	0	1	0	1	1	0	0	1	5
07:15 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	5
07:30 AM	0	1	0	1	0	1	0	1	0	0	1	1	1	1	3	5	8
07:45 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	2	1	3	6
Total Volume	0	1	0	1	0	6	0	6	3	1	1	5	2	6	4	12	24
% App. Total	0	100	0		0	100	0		60	20	20		16.7	50	33.3		
PHF	.000	.250	.000	.250	.000	.500	.000	.500	.250	.250	.250	.417	.500	.500	.333	.600	.750



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City of Perris
 N/S: Indian Avenue
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 Site Code : 05120169
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Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	0	0	0	0	0	3	0	3	0	1	0	1	1	0	0	1	
+15 mins.	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	
+30 mins.	0	1	0	1	0	1	0	1	0	0	1	1	1	1	3	5	
+45 mins.	0	0	0	0	0	0	0	0	3	0	0	3	0	2	1	3	
Total Volume	0	1	0	1	0	6	0	6	3	1	1	5	2	6	4	12	
% App. Total	0	100	0		0	100	0		60	20	20		16.7	50	33.3		
PHF	.000	.250	.000	.250	.000	.500	.000	.500	.250	.250	.250	.417	.500	.500	.333	.600	

City of Perris
 N/S: Indian Avenue
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 Weather: Clear

File Name : 14_PER_Indian_Ram AM
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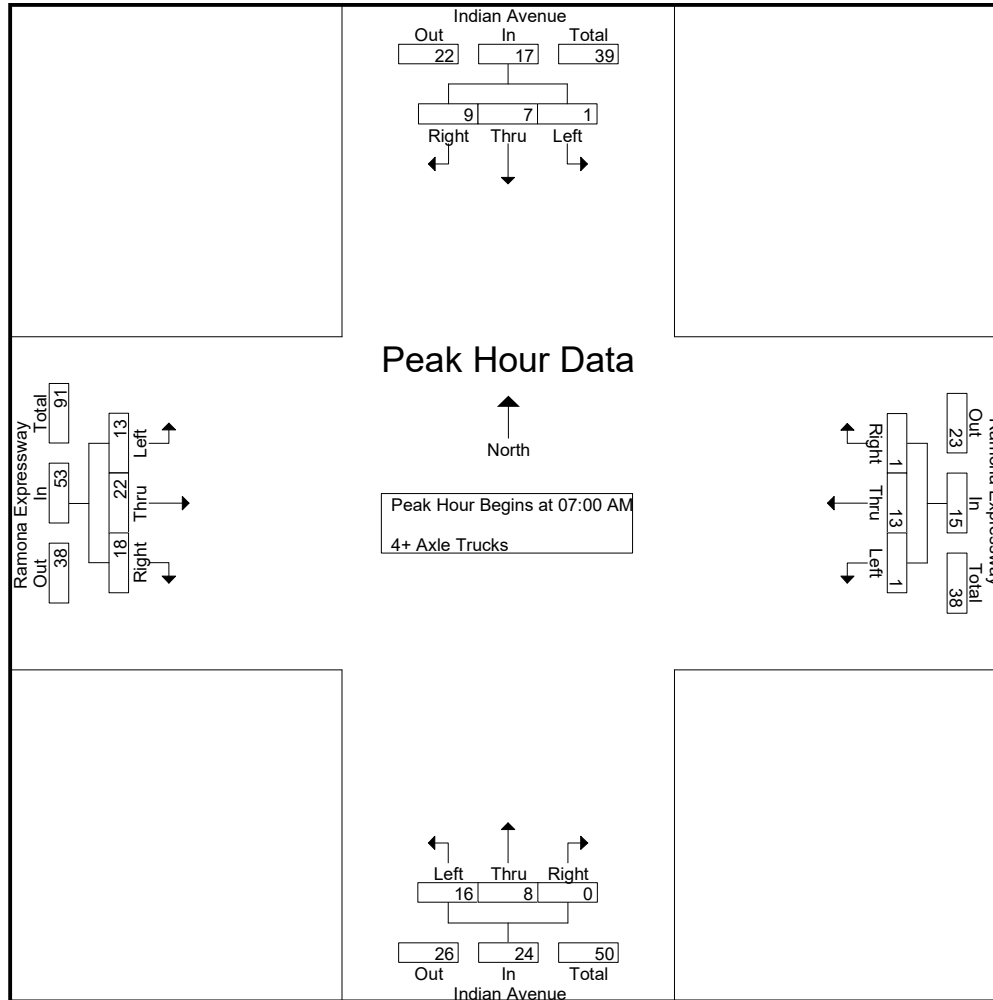
Groups Printed- 4+ Axle Trucks

Start Time	Indian Avenue Southbound					Ramona Expressway Westbound					Indian Avenue Northbound					Ramona Expressway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	0	1	0	1	0	5	0	0	5	6	4	0	0	10	7	4	4	0	15	0	31	31
07:15 AM	0	1	1	1	2	0	5	0	0	5	2	1	0	0	3	1	6	8	0	15	1	25	26
07:30 AM	1	5	4	0	10	1	2	1	0	4	4	1	0	0	5	2	8	2	0	12	0	31	31
07:45 AM	0	1	3	1	4	0	1	0	0	1	4	2	0	0	6	3	4	4	0	11	1	22	23
Total	1	7	9	2	17	1	13	1	0	15	16	8	0	0	24	13	22	18	0	53	2	109	111
08:00 AM	0	2	1	0	3	0	2	0	0	2	6	4	1	0	11	3	4	6	0	13	0	29	29
08:15 AM	0	2	0	0	2	0	6	0	0	6	8	8	0	0	16	5	9	8	0	22	0	46	46
08:30 AM	0	1	2	1	3	1	14	0	0	15	4	1	0	0	5	2	5	15	2	22	3	45	48
08:45 AM	0	4	2	0	6	0	7	0	0	7	6	0	0	0	6	1	8	5	0	14	0	33	33
Total	0	9	5	1	14	1	29	0	0	30	24	13	1	0	38	11	26	34	2	71	3	153	156
Grand Total	1	16	14	3	31	2	42	1	0	45	40	21	1	0	62	24	48	52	2	124	5	262	267
Apprch %	3.2	51.6	45.2			4.4	93.3	2.2			64.5	33.9	1.6			19.4	38.7	41.9					
Total %	0.4	6.1	5.3		11.8	0.8	16	0.4		17.2	15.3	8	0.4		23.7	9.2	18.3	19.8		47.3	1.9	98.1	

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	1	1	0	5	0	5	6	4	0	10	7	4	4	15	31
07:15 AM	0	1	1	2	0	5	0	5	2	1	0	3	1	6	8	15	26
07:30 AM	1	5	4	10	1	2	1	4	4	1	0	5	2	8	2	12	31
07:45 AM	0	1	3	4	0	1	0	1	4	2	0	6	3	4	4	11	23
Total Volume	1	7	9	17	1	13	1	15	16	8	0	24	13	22	18	53	109
% App. Total	5.9	41.2	52.9		6.7	86.7	6.7		66.7	33.3	0		24.5	41.5	34		
PHF	.250	.350	.563	.425	.250	.650	.250	.750	.667	.500	.000	.600	.464	.688	.563	.883	.879

Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:00 AM



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City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

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 Site Code : 05120169
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Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	0	0	1	1	0	5	0	5	6	4	0	10	7	4	4	15	
+15 mins.	0	1	1	2	0	5	0	5	2	1	0	3	1	6	8	15	
+30 mins.	1	5	4	10	1	2	1	4	4	1	0	5	2	8	2	12	
+45 mins.	0	1	3	4	0	1	0	1	4	2	0	6	3	4	4	11	
Total Volume	1	7	9	17	1	13	1	15	16	8	0	24	13	22	18	53	
% App. Total	5.9	41.2	52.9		6.7	86.7	6.7		66.7	33.3	0		24.5	41.5	34		
PHF	.250	.350	.563	.425	.250	.650	.250	.750	.667	.500	.000	.600	.464	.688	.563	.883	

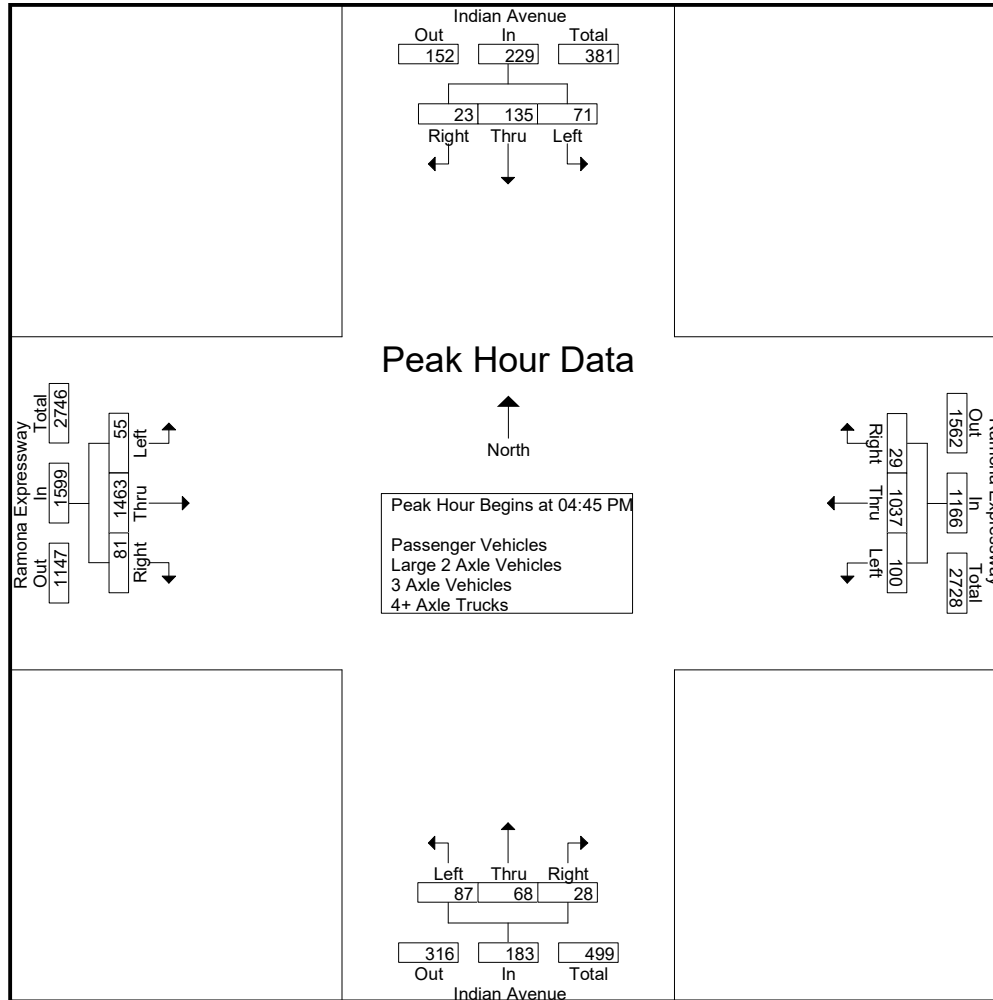
City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram PM
 Site Code : 05120169
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Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Indian Avenue Southbound					Ramona Expressway Westbound					Indian Avenue Northbound					Ramona Expressway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	14	22	5	9	41	13	273	4	3	290	21	14	6	7	41	13	287	15	0	315	19	687	706
04:15 PM	14	27	6	4	47	10	221	11	4	242	26	18	15	13	59	17	298	17	0	332	21	680	701
04:30 PM	11	44	5	4	60	7	261	8	8	276	52	42	44	13	138	16	296	19	3	331	28	805	833
04:45 PM	20	26	8	4	54	16	267	9	9	292	25	28	7	5	60	20	350	15	1	385	19	791	810
Total	59	119	24	21	202	46	1022	32	24	1100	124	102	72	38	298	66	1231	66	4	1363	87	2963	3050
05:00 PM	25	27	8	10	60	16	267	7	1	290	23	11	5	4	39	15	362	16	9	393	24	782	806
05:15 PM	13	40	1	9	54	21	271	6	5	298	20	14	7	3	41	7	371	23	2	401	19	794	813
05:30 PM	13	42	6	5	61	47	232	7	7	286	19	15	9	8	43	13	380	27	10	420	30	810	840
05:45 PM	10	24	3	2	37	18	238	3	3	259	26	8	3	4	37	6	409	13	3	428	12	761	773
Total	61	133	18	26	212	102	1008	23	16	1133	88	48	24	19	160	41	1522	79	24	1642	85	3147	3232
Grand Total	120	252	42	47	414	148	2030	55	40	2233	212	150	96	57	458	107	2753	145	28	3005	172	6110	6282
Apprch %	29	60.9	10.1			6.6	90.9	2.5			46.3	32.8	21			3.6	91.6	4.8					
Total %	2	4.1	0.7		6.8	2.4	33.2	0.9		36.5	3.5	2.5	1.6		7.5	1.8	45.1	2.4		49.2	2.7	97.3	
Passenger Vehicles	114	234	28		416	124	1977	55		2194	166	133	87		441	83	2694	70		2871	0	0	5922
% Passenger Vehicles	95	92.9	66.7	85.1	90.2	83.8	97.4	100	95	96.5	78.3	88.7	90.6	96.5	85.6	77.6	97.9	48.3	85.7	94.7	0	0	94.3
Large 2 Axle Vehicles	0	8	0		8	18	24	0		44	4	3	2		10	4	38	5		47	0	0	109
% Large 2 Axle Vehicles	0	3.2	0	0	1.7	12.2	1.2	0	5	1.9	1.9	2	2.1	1.8	1.9	3.7	1.4	3.4	0	1.5	0	0	1.7
3 Axle Vehicles	1	3	0		4	2	6	0		8	13	6	4		24	9	5	2		16	0	0	52
% 3 Axle Vehicles	0.8	1.2	0	0	0.9	1.4	0.3	0	0	0.4	6.1	4	4.2	1.8	4.7	8.4	0.2	1.4	0	0.5	0	0	0.8
4+ Axle Trucks	5	7	14		33	4	23	0		27	29	8	3		40	11	16	68		99	0	0	199
% 4+ Axle Trucks	4.2	2.8	33.3	14.9	7.2	2.7	1.1	0	0	1.2	13.7	5.3	3.1	0	7.8	10.3	0.6	46.9	14.3	3.3	0	0	3.2

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	20	26	8	54	16	267	9	292	25	28	7	60	20	350	15	385	791
05:00 PM	25	27	8	60	16	267	7	290	23	11	5	39	15	362	16	393	782
05:15 PM	13	40	1	54	21	271	6	298	20	14	7	41	7	371	23	401	794
05:30 PM	13	42	6	61	47	232	7	286	19	15	9	43	13	380	27	420	810
Total Volume	71	135	23	229	100	1037	29	1166	87	68	28	183	55	1463	81	1599	3177
% App. Total	31	59	10		8.6	88.9	2.5		47.5	37.2	15.3		3.4	91.5	5.1		
PHF	.710	.804	.719	.939	.532	.957	.806	.978	.870	.607	.778	.763	.688	.963	.750	.952	.981



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City of Perris
 N/S: Indian Avenue
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 Weather: Clear

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Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:00 PM				05:00 PM				
+0 mins.	20	26	8	54	16	267	9	292	21	14	6	41	15	362	16	393	
+15 mins.	25	27	8	60	16	267	7	290	26	18	15	59	7	371	23	401	
+30 mins.	13	40	1	54	21	271	6	298	52	42	44	138	13	380	27	420	
+45 mins.	13	42	6	61	47	232	7	286	25	28	7	60	6	409	13	428	
Total Volume	71	135	23	229	100	1037	29	1166	124	102	72	298	41	1522	79	1642	
% App. Total	31	59	10		8.6	88.9	2.5		41.6	34.2	24.2		2.5	92.7	4.8		
PHF	.710	.804	.719	.939	.532	.957	.806	.978	.596	.607	.409	.540	.683	.930	.731	.959	

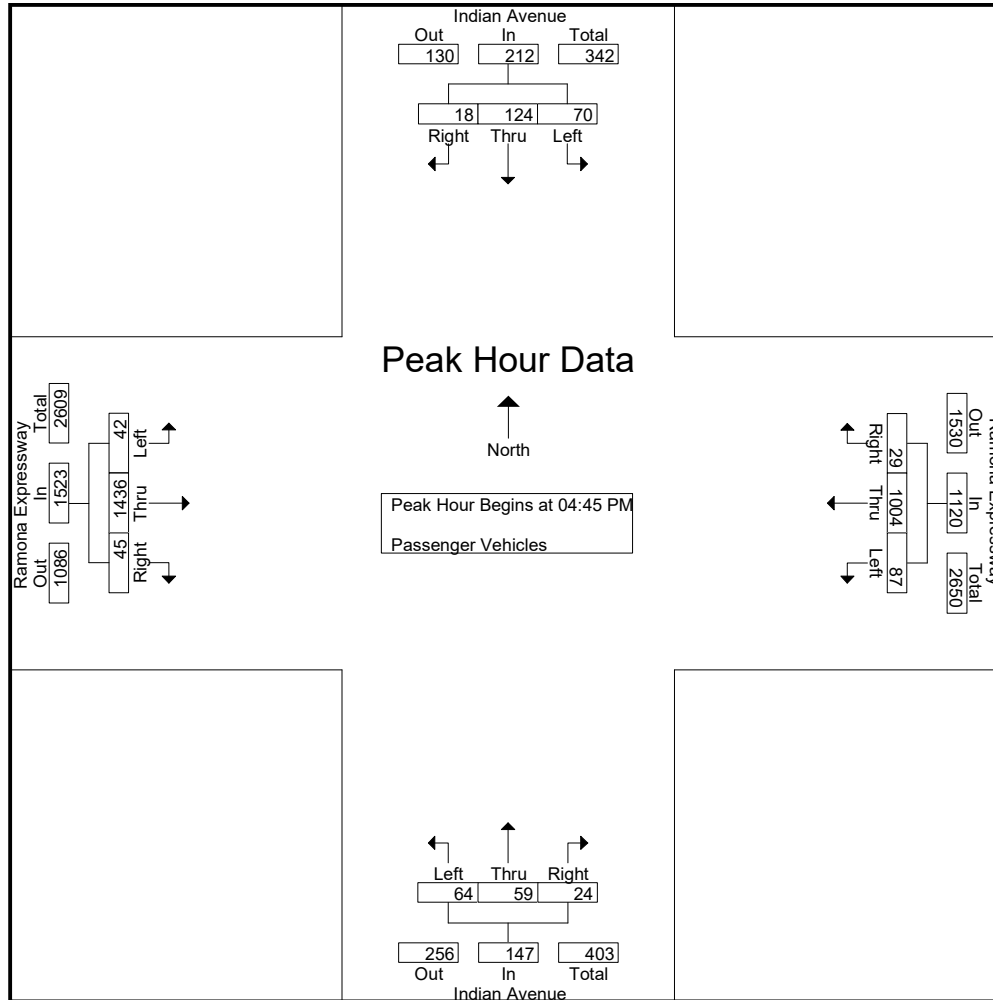
City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram PM
 Site Code : 05120169
 Start Date : 3/11/2020
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Groups Printed- Passenger Vehicles

Start Time	Indian Avenue Southbound					Ramona Expressway Westbound					Indian Avenue Northbound					Ramona Expressway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	13	22	2	7	37	8	266	4	3	278	15	13	3	7	31	10	282	6	0	298	17	644	661
04:15 PM	13	25	2	3	40	7	217	11	4	235	19	14	15	13	48	12	294	5	0	311	20	634	654
04:30 PM	9	40	5	4	54	6	255	8	8	269	50	39	42	13	131	13	280	4	3	297	28	751	779
04:45 PM	19	24	7	3	50	13	261	9	7	283	19	26	7	5	52	14	341	7	0	362	15	747	762
Total	54	111	16	17	181	34	999	32	22	1065	103	92	67	38	262	49	1197	22	3	1268	80	2776	2856
05:00 PM	25	25	6	10	56	12	254	7	1	273	16	8	5	3	29	10	358	9	9	377	23	735	758
05:15 PM	13	37	0	8	50	18	263	6	5	287	14	12	5	3	31	6	364	8	0	378	16	746	762
05:30 PM	13	38	5	4	56	44	226	7	7	277	15	13	7	7	35	12	373	21	10	406	28	774	802
05:45 PM	9	23	1	1	33	16	235	3	3	254	18	8	3	4	29	6	402	10	2	418	10	734	744
Total	60	123	12	23	195	90	978	23	16	1091	63	41	20	17	124	34	1497	48	21	1579	77	2989	3066
Grand Total	114	234	28	40	376	124	1977	55	38	2156	166	133	87	55	386	83	2694	70	24	2847	157	5765	5922
Apprch %	30.3	62.2	7.4			5.8	91.7	2.6			43	34.5	22.5			2.9	94.6	2.5					
Total %	2	4.1	0.5		6.5	2.2	34.3	1		37.4	2.9	2.3	1.5		6.7	1.4	46.7	1.2		49.4	2.7	97.3	

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	19	24	7	50	13	261	9	283	19	26	7	52	14	341	7	362	747
05:00 PM	25	25	6	56	12	254	7	273	16	8	5	29	10	358	9	377	735
05:15 PM	13	37	0	50	18	263	6	287	14	12	5	31	6	364	8	378	746
05:30 PM	13	38	5	56	44	226	7	277	15	13	7	35	12	373	21	406	774
Total Volume	70	124	18	212	87	1004	29	1120	64	59	24	147	42	1436	45	1523	3002
% App. Total	33	58.5	8.5		7.8	89.6	2.6		43.5	40.1	16.3		2.8	94.3	3		
PHF	.700	.816	.643	.946	.494	.954	.806	.976	.842	.567	.857	.707	.750	.962	.536	.938	.970



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City of Perris
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Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	19	24	7	50	13	261	9	283	19	26	7	52	14	341	7	362	
+15 mins.	25	25	6	56	12	254	7	273	16	8	5	29	10	358	9	377	
+30 mins.	13	37	0	50	18	263	6	287	14	12	5	31	6	364	8	378	
+45 mins.	13	38	5	56	44	226	7	277	15	13	7	35	12	373	21	406	
Total Volume	70	124	18	212	87	1004	29	1120	64	59	24	147	42	1436	45	1523	
% App. Total	33	58.5	8.5		7.8	89.6	2.6		43.5	40.1	16.3		2.8	94.3	3		
PHF	.700	.816	.643	.946	.494	.954	.806	.976	.842	.567	.857	.707	.750	.962	.536	.938	

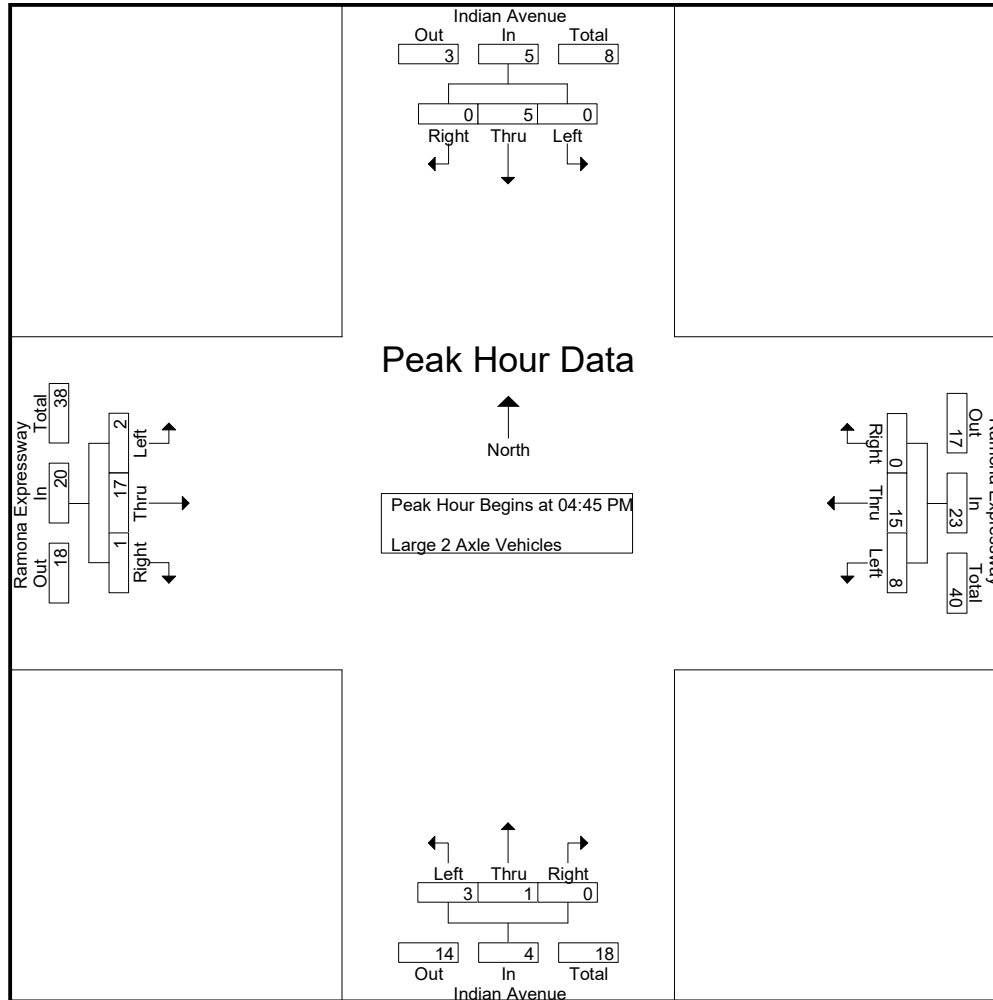
City of Perris
 N/S: Indian Avenue
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 Weather: Clear

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Groups Printed- Large 2 Axle Vehicles

Start Time	Indian Avenue Southbound					Ramona Expressway Westbound					Indian Avenue Northbound					Ramona Expressway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	0	0	0	0	4	4	0	0	8	1	1	0	0	2	2	3	0	0	5	0	15	15
04:15 PM	0	1	0	0	1	3	1	0	0	4	0	1	0	0	1	0	2	1	0	3	0	9	9
04:30 PM	0	2	0	0	2	1	3	0	0	4	0	0	2	0	2	0	13	3	0	16	0	24	24
04:45 PM	0	1	0	0	1	2	3	0	2	5	1	0	0	0	1	0	5	0	0	5	2	12	14
Total	0	4	0	0	4	10	11	0	2	21	2	2	2	0	6	2	23	4	0	29	2	60	62
05:00 PM	0	1	0	0	1	2	5	0	0	7	0	0	0	1	0	1	2	0	0	3	1	11	12
05:15 PM	0	1	0	0	1	2	4	0	0	6	1	1	0	0	2	0	6	1	0	7	0	16	16
05:30 PM	0	2	0	0	2	2	3	0	0	5	1	0	0	0	1	1	4	0	0	5	0	13	13
05:45 PM	0	0	0	0	0	2	1	0	0	3	0	0	0	0	0	0	3	0	0	3	0	6	6
Total	0	4	0	0	4	8	13	0	0	21	2	1	0	1	3	2	15	1	0	18	1	46	47
Grand Total	0	8	0	0	8	18	24	0	2	42	4	3	2	1	9	4	38	5	0	47	3	106	109
Apprch %	0	100	0			42.9	57.1	0			44.4	33.3	22.2			8.5	80.9	10.6			2.8	97.2	
Total %	0	7.5	0		7.5	17	22.6	0		39.6	3.8	2.8	1.9		8.5	3.8	35.8	4.7		44.3	2.8	97.2	

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	1	0	1	2	3	0	5	1	0	0	1	0	5	0	5	12
05:00 PM	0	1	0	1	2	5	0	7	0	0	0	0	1	2	0	3	11
05:15 PM	0	1	0	1	2	4	0	6	1	1	0	2	0	6	1	7	16
05:30 PM	0	2	0	2	2	3	0	5	1	0	0	1	1	4	0	5	13
Total Volume	0	5	0	5	8	15	0	23	3	1	0	4	2	17	1	20	52
% App. Total	0	100	0		34.8	65.2	0		75	25	0		10	85	5		
PHF	.000	.625	.000	.625	1.00	.750	.000	.821	.750	.250	.000	.500	.500	.708	.250	.714	.813



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City of Perris
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Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	1	0	1	2	3	0	5	1	0	0	1	0	5	0	5	
+15 mins.	0	1	0	1	2	5	0	7	0	0	0	0	1	2	0	3	
+30 mins.	0	1	0	1	2	4	0	6	1	1	0	2	0	6	1	7	
+45 mins.	0	2	0	2	2	3	0	5	1	0	0	1	1	4	0	5	
Total Volume	0	5	0	5	8	15	0	23	3	1	0	4	2	17	1	20	
% App. Total	0	100	0		34.8	65.2	0		75	25	0		10	85	5		
PHF	.000	.625	.000	.625	1.000	.750	.000	.821	.750	.250	.000	.500	.500	.708	.250	.714	

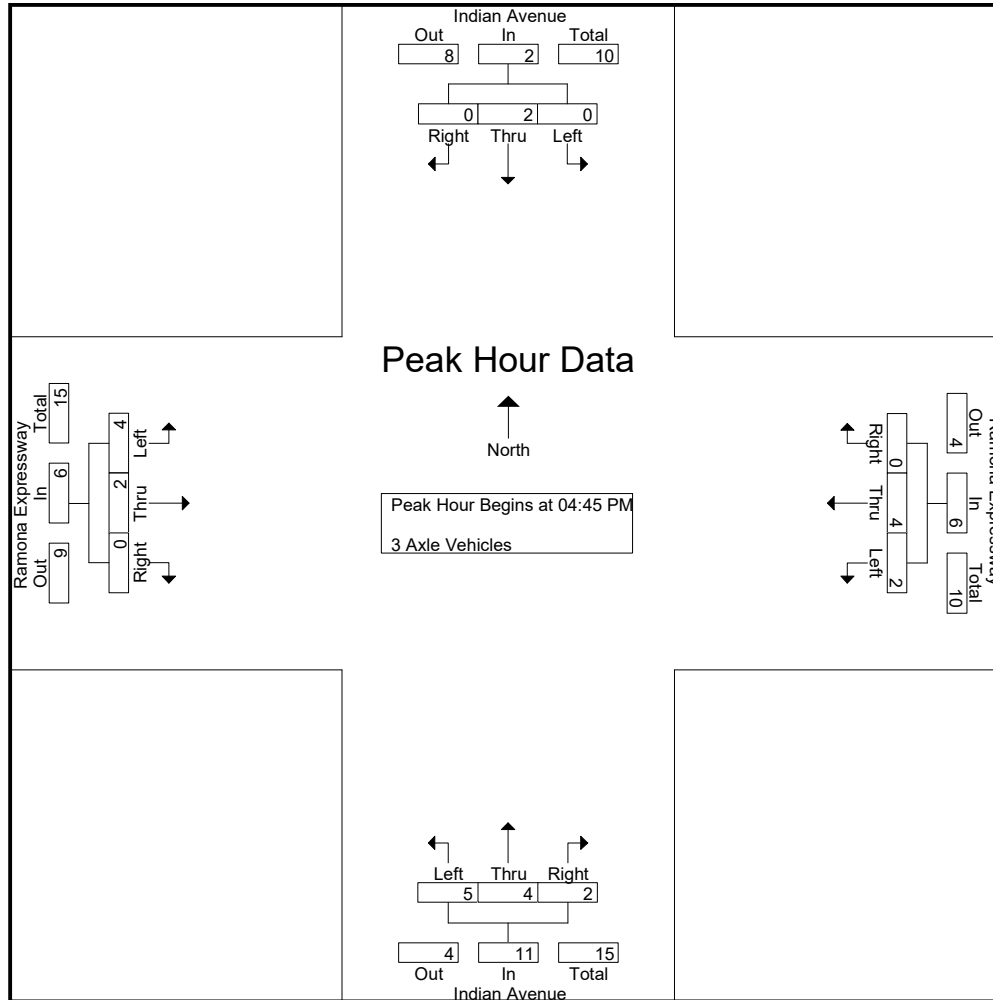
City of Perris
 N/S: Indian Avenue
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 Weather: Clear

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Groups Printed- 3 Axle Vehicles

Start Time	Indian Avenue Southbound					Ramona Expressway Westbound					Indian Avenue Northbound					Ramona Expressway Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3	1	0	0	0	1	0	0	4	4
04:15 PM	0	1	0	0	1	0	1	0	0	1	3	1	0	0	4	3	0	1	0	4	0	10	10	10
04:30 PM	1	0	0	0	1	0	0	0	0	0	1	1	0	0	2	1	1	1	0	3	0	6	6	6
04:45 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	3	1	0	0	4	0	6	6	6
Total	1	1	0	0	2	0	1	0	0	1	6	3	2	0	11	8	2	2	0	12	0	26	26	26
05:00 PM	0	1	0	0	1	0	2	0	0	2	2	1	0	0	3	1	0	0	0	1	0	7	7	7
05:15 PM	0	0	0	0	0	1	0	0	0	1	1	1	1	0	3	0	0	0	0	0	0	4	4	4
05:30 PM	0	1	0	0	1	1	2	0	0	3	1	1	1	1	3	0	1	0	0	1	1	8	9	9
05:45 PM	0	0	0	0	0	0	1	0	0	1	3	0	0	0	3	0	2	0	0	2	0	6	6	6
Total	0	2	0	0	2	2	5	0	0	7	7	3	2	1	12	1	3	0	0	4	1	25	26	26
Grand Total	1	3	0	0	4	2	6	0	0	8	13	6	4	1	23	9	5	2	0	16	1	51	52	52
Apprch %	25	75	0			25	75	0			56.5	26.1	17.4			56.2	31.2	12.5						
Total %	2	5.9	0		7.8	3.9	11.8	0		15.7	25.5	11.8	7.8		45.1	17.6	9.8	3.9		31.4	1.9	98.1		

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	0	0	0	0	0	0	0	1	1	0	2	3	1	0	4	6
05:00 PM	0	1	0	1	0	2	0	2	2	1	0	3	1	0	0	1	7
05:15 PM	0	0	0	0	1	0	0	1	1	1	1	3	0	0	0	0	4
05:30 PM	0	1	0	1	1	2	0	3	1	1	1	3	0	1	0	1	8
Total Volume	0	2	0	2	2	4	0	6	5	4	2	11	4	2	0	6	25
% App. Total	0	100	0		33.3	66.7	0		45.5	36.4	18.2		66.7	33.3	0		
PHF	.000	.500	.000	.500	.500	.500	.000	.500	.625	1.00	.500	.917	.333	.500	.000	.375	.781



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City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 3

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	0	0	0	0	0	0	0	0	1	1	0	2	3	1	0	4	
+15 mins.	0	1	0	1	0	2	0	2	2	1	0	3	1	0	0	1	
+30 mins.	0	0	0	0	1	0	0	1	1	1	1	3	0	0	0	0	
+45 mins.	0	1	0	1	1	2	0	3	1	1	1	3	0	1	0	1	
Total Volume	0	2	0	2	2	4	0	6	5	4	2	11	4	2	0	6	
% App. Total	0	100	0		33.3	66.7	0		45.5	36.4	18.2		66.7	33.3	0		
PHF	.000	.500	.000	.500	.500	.500	.000	.500	.625	1.000	.500	.917	.333	.500	.000	.375	

City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

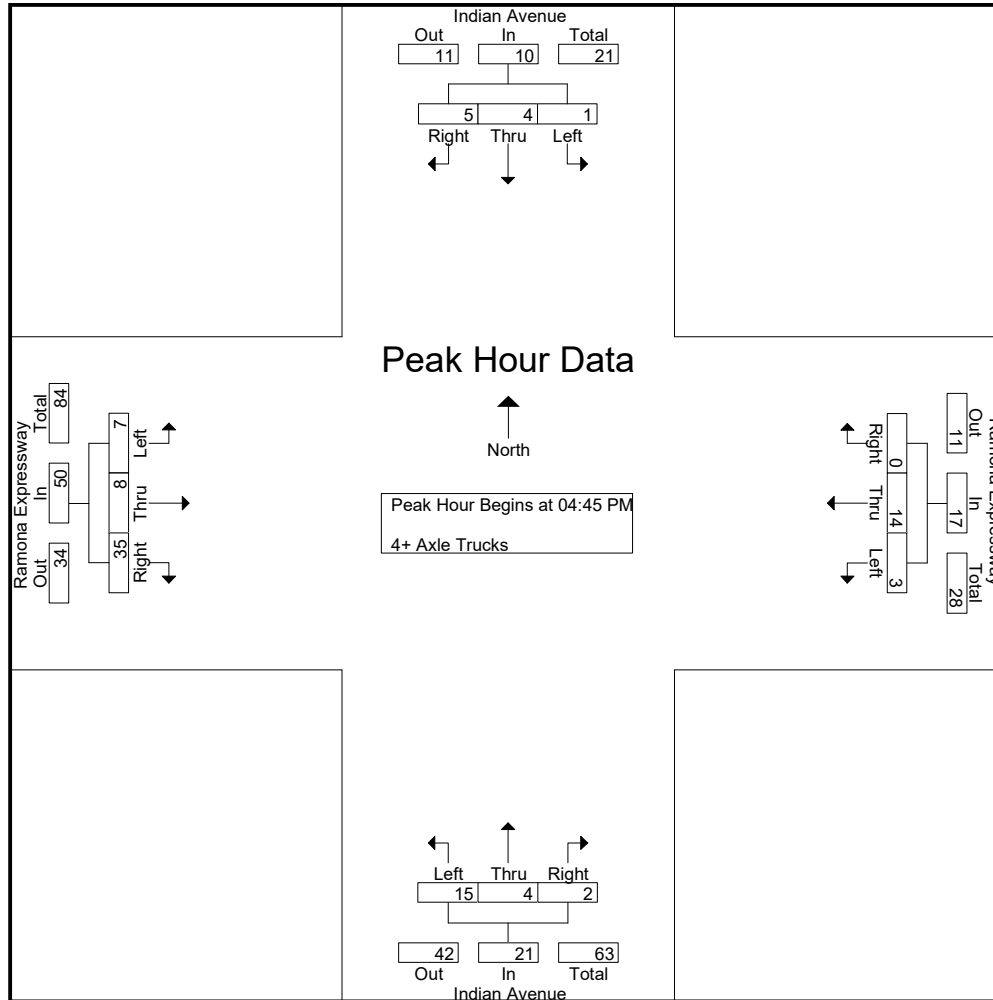
Groups Printed- 4+ Axle Trucks

Start Time	Indian Avenue Southbound					Ramona Expressway Westbound					Indian Avenue Northbound					Ramona Expressway Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	1	0	3	2	4	1	3	0	0	4	4	0	1	0	5	0	2	9	0	11	2	24	26
04:15 PM	1	0	4	1	5	0	2	0	0	2	4	2	0	0	6	2	2	10	0	14	1	27	28
04:30 PM	1	2	0	0	3	0	3	0	0	3	1	2	0	0	3	2	2	11	0	15	0	24	24
04:45 PM	1	1	1	1	3	1	3	0	0	4	4	1	0	0	5	3	3	8	1	14	2	26	28
Total	4	3	8	4	15	2	11	0	0	13	13	5	1	0	19	7	9	38	1	54	5	101	106
05:00 PM	0	0	2	0	2	2	6	0	0	8	5	2	0	0	7	3	2	7	0	12	0	29	29
05:15 PM	0	2	1	1	3	0	4	0	0	4	4	0	1	0	5	1	1	14	2	16	3	28	31
05:30 PM	0	1	1	1	2	0	1	0	0	1	2	1	1	0	4	0	2	6	0	8	1	15	16
05:45 PM	1	1	2	1	4	0	1	0	0	1	5	0	0	0	5	0	2	3	1	5	2	15	17
Total	1	4	6	3	11	2	12	0	0	14	16	3	2	0	21	4	7	30	3	41	6	87	93
Grand Total	5	7	14	7	26	4	23	0	0	27	29	8	3	0	40	11	16	68	4	95	11	188	199
Apprch %	19.2	26.9	53.8			14.8	85.2	0			72.5	20	7.5			11.6	16.8	71.6					
Total %	2.7	3.7	7.4		13.8	2.1	12.2	0		14.4	15.4	4.3	1.6		21.3	5.9	8.5	36.2		50.5	5.5	94.5	

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:45 PM	1	1	1	3	1	3	0	4	4	1	0	5	3	3	8	14	26
05:00 PM	0	0	2	2	2	6	0	8	5	2	0	7	3	2	7	12	29
05:15 PM	0	2	1	3	0	4	0	4	4	0	1	5	1	1	14	16	28
05:30 PM	0	1	1	2	0	1	0	1	2	1	1	4	0	2	6	8	15
Total Volume	1	4	5	10	3	14	0	17	15	4	2	21	7	8	35	50	98
% App. Total	10	40	50		17.6	82.4	0		71.4	19	9.5		14	16	70		
PHF	.250	.500	.625	.833	.375	.583	.000	.531	.750	.500	.500	.750	.583	.667	.625	.781	.845

Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 04:45 PM



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City of Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway
 Weather: Clear

File Name : 14_PER_Indian_Ram PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 3

Start Time	Indian Avenue Southbound				Ramona Expressway Westbound				Indian Avenue Northbound				Ramona Expressway Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:45 PM to 05:30 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:45 PM				04:45 PM				04:45 PM				04:45 PM				
+0 mins.	1	1	1	3	1	3	0	4	4	1	0	5	3	3	8	14	
+15 mins.	0	0	2	2	2	6	0	8	5	2	0	7	3	2	7	12	
+30 mins.	0	2	1	3	0	4	0	4	4	0	1	5	1	1	14	16	
+45 mins.	0	1	1	2	0	1	0	1	2	1	1	4	0	2	6	8	
Total Volume	1	4	5	10	3	14	0	17	15	4	2	21	7	8	35	50	
% App. Total	10	40	50		17.6	82.4	0		71.4	19	9.5		14	16	70		
PHF	.250	.500	.625	.833	.375	.583	.000	.531	.750	.500	.500	.750	.583	.667	.625	.781	

Location: Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway



Date: 3/11/2020
 Day: Wednesday

PEDESTRIANS

	North Leg Indian Avenue Pedestrians	East Leg Ramona Expressway Pedestrians	South Leg Indian Avenue Pedestrians	West Leg Ramona Expressway Pedestrians	
7:00 AM	0	0	1	0	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	2	0	0	2
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	2	1	0	3

	North Leg Indian Avenue Pedestrians	East Leg Ramona Expressway Pedestrians	South Leg Indian Avenue Pedestrians	West Leg Ramona Expressway Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0

Location: Perris
 N/S: Indian Avenue
 E/W: Ramona Expressway



Date: 3/11/2020
 Day: Wednesday

BICYCLES

	Southbound Indian Avenue			Westbound Ramona Expressway			Northbound Indian Avenue			Eastbound Ramona Expressway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	1	0	0	1

	Southbound Indian Avenue			Westbound Ramona Expressway			Northbound Indian Avenue			Eastbound Ramona Expressway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	0	0	0	0	0	0	0	0	2

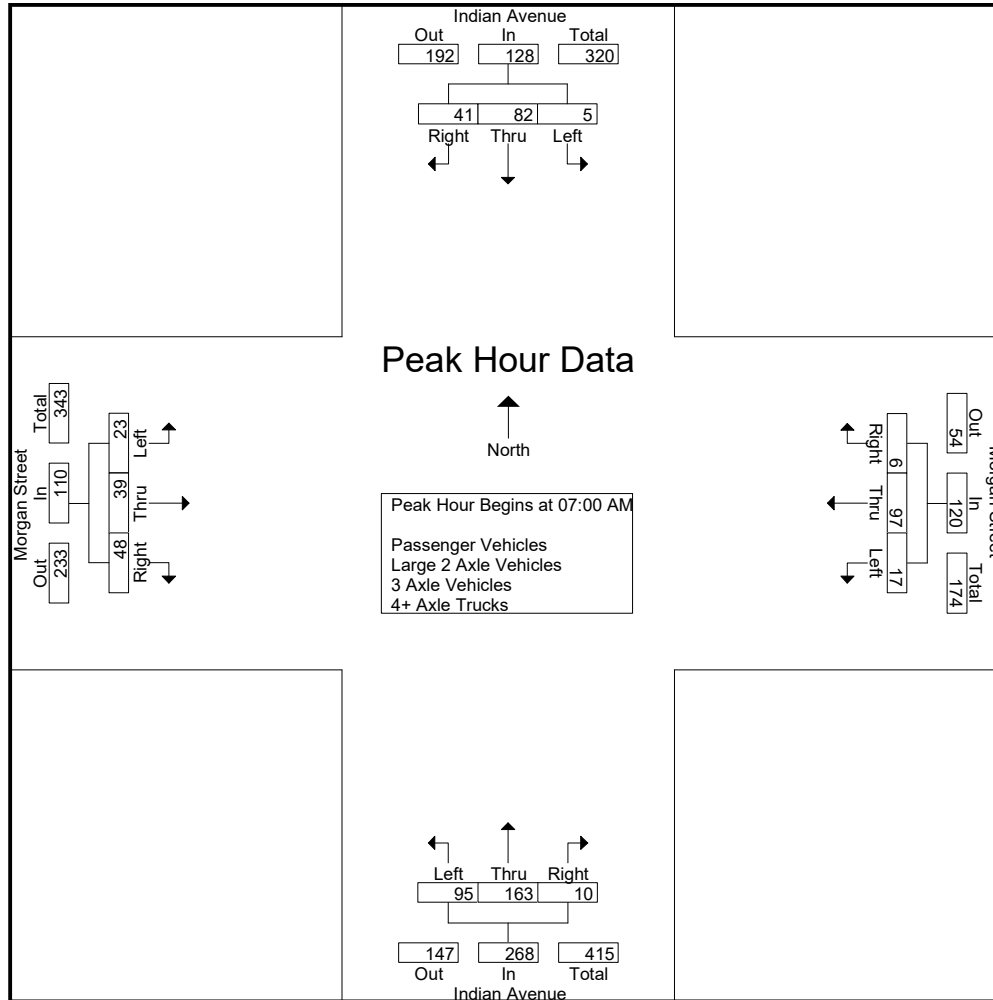
City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan AM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Indian Avenue Southbound					Morgan Street Westbound					Indian Avenue Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	1	14	12	2	27	4	17	3	1	24	26	44	4	1	74	5	4	11	7	20	11	145	156
07:15 AM	1	21	9	4	31	5	14	3	1	22	26	43	2	0	71	7	6	13	6	26	11	150	161
07:30 AM	2	24	13	3	39	3	25	0	0	28	25	40	2	0	67	6	17	16	8	39	11	173	184
07:45 AM	1	23	7	2	31	5	41	0	0	46	18	36	2	1	56	5	12	8	4	25	7	158	165
Total	5	82	41	11	128	17	97	6	2	120	95	163	10	2	268	23	39	48	25	110	40	626	666
08:00 AM	1	21	7	2	29	4	19	0	0	23	16	26	4	2	46	3	12	16	6	31	10	129	139
08:15 AM	3	13	4	0	20	0	9	2	1	11	15	20	2	0	37	0	4	9	7	13	8	81	89
08:30 AM	2	22	2	0	26	3	14	0	0	17	14	24	4	1	42	2	8	9	4	19	5	104	109
08:45 AM	1	24	4	1	29	6	18	2	1	26	15	18	3	1	36	0	11	8	4	19	7	110	117
Total	7	80	17	3	104	13	60	4	2	77	60	88	13	4	161	5	35	42	21	82	30	424	454
Grand Total	12	162	58	14	232	30	157	10	4	197	155	251	23	6	429	28	74	90	46	192	70	1050	1120
Apprch %	5.2	69.8	25			15.2	79.7	5.1			36.1	58.5	5.4			14.6	38.5	46.9					
Total %	1.1	15.4	5.5		22.1	2.9	15	1		18.8	14.8	23.9	2.2		40.9	2.7	7	8.6		18.3	6.2	93.8	
Passenger Vehicles	5	109	43		170	18	155	4		178	149	198	14		364	24	71	79		214	0	0	926
% Passenger Vehicles	41.7	67.3	74.1	92.9	69.1	60	98.7	40	25	88.6	96.1	78.9	60.9	50	83.7	85.7	95.9	87.8	87	89.9	0	0	82.7
Large 2 Axle Vehicles	1	14	13		29	2	1	1		5	3	12	0		15	1	1	7		13	0	0	62
% Large 2 Axle Vehicles	8.3	8.6	22.4	7.1	11.8	6.7	0.6	10	25	2.5	1.9	4.8	0	0	3.4	3.6	1.4	7.8	8.7	5.5	0	0	5.5
3 Axle Vehicles	2	10	0		12	1	0	1		3	1	4	0		5	3	0	2		7	0	0	27
% 3 Axle Vehicles	16.7	6.2	0	0	4.9	3.3	0	10	25	1.5	0.6	1.6	0	0	1.1	10.7	0	2.2	4.3	2.9	0	0	2.4
4+ Axle Trucks	4	29	2		35	9	1	4		15	2	37	9		51	0	2	2		4	0	0	105
% 4+ Axle Trucks	33.3	17.9	3.4	0	14.2	30	0.6	40	25	7.5	1.3	14.7	39.1	50	11.7	0	2.7	2.2	0	1.7	0	0	9.4

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	1	14	12	27	4	17	3	24	26	44	4	74	5	4	11	20	145
07:15 AM	1	21	9	31	5	14	3	22	26	43	2	71	7	6	13	26	150
07:30 AM	2	24	13	39	3	25	0	28	25	40	2	67	6	17	16	39	173
07:45 AM	1	23	7	31	5	41	0	46	18	36	2	56	5	12	8	25	158
Total Volume	5	82	41	128	17	97	6	120	95	163	10	268	23	39	48	110	626
% App. Total	3.9	64.1	32		14.2	80.8	5		35.4	60.8	3.7		20.9	35.5	43.6		
PHF	.625	.854	.788	.821	.850	.591	.500	.652	.913	.926	.625	.905	.821	.574	.750	.705	.905



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City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan AM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 3

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:15 AM				07:00 AM				07:00 AM				07:15 AM				
+0 mins.	1	21	9	31	4	17	3	24	26	44	4	74	7	6	13	26	
+15 mins.	2	24	13	39	5	14	3	22	26	43	2	71	6	17	16	39	
+30 mins.	1	23	7	31	3	25	0	28	25	40	2	67	5	12	8	25	
+45 mins.	1	21	7	29	5	41	0	46	18	36	2	56	3	12	16	31	
Total Volume	5	89	36	130	17	97	6	120	95	163	10	268	21	47	53	121	
% App. Total	3.8	68.5	27.7		14.2	80.8	5		35.4	60.8	3.7		17.4	38.8	43.8		
PHF	.625	.927	.692	.833	.850	.591	.500	.652	.913	.926	.625	.905	.750	.691	.828	.776	

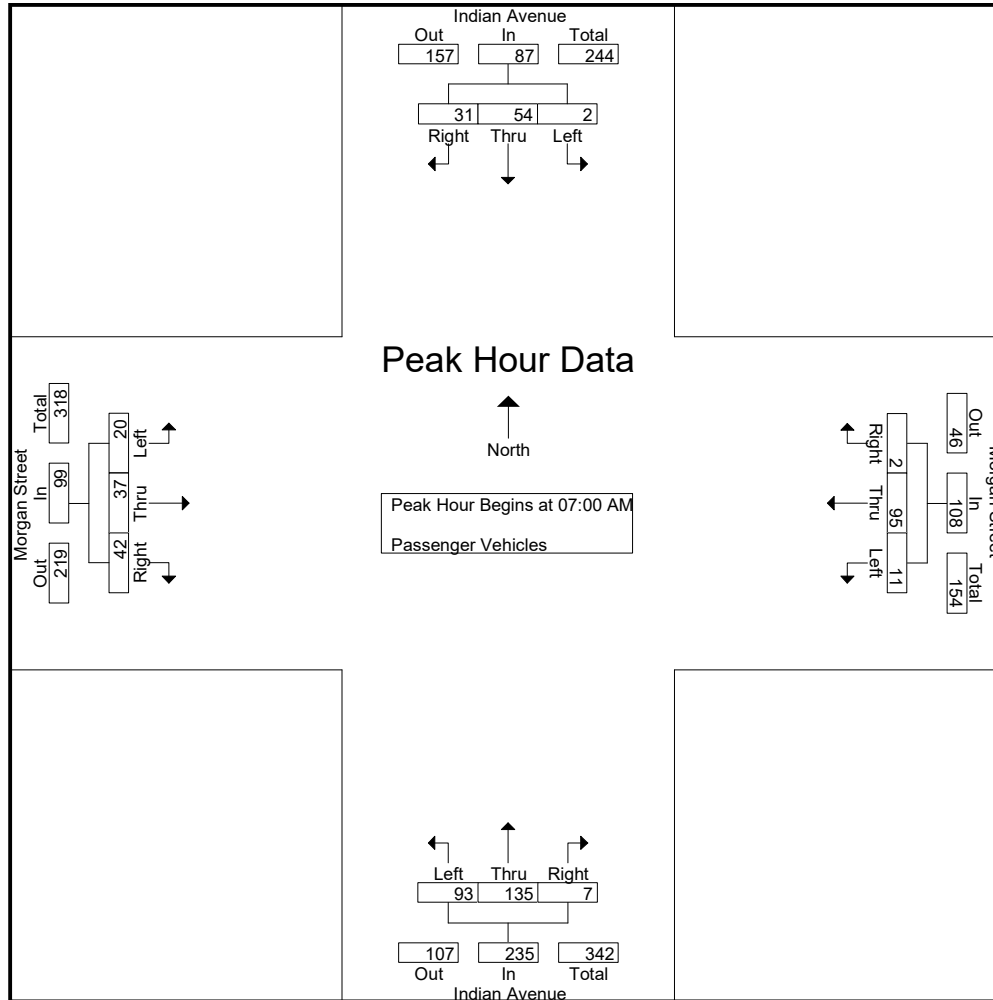
City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan AM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Indian Avenue Southbound					Morgan Street Westbound					Indian Avenue Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	1	10	9	2	20	2	16	2	1	20	26	33	2	0	61	5	4	10	6	19	9	120	129
07:15 AM	0	15	8	4	23	4	14	0	0	18	24	35	1	0	60	5	6	11	5	22	9	123	132
07:30 AM	1	16	10	3	27	2	24	0	0	26	25	35	2	0	62	5	15	13	7	33	10	148	158
07:45 AM	0	13	4	1	17	3	41	0	0	44	18	32	2	1	52	5	12	8	4	25	6	138	144
Total	2	54	31	10	87	11	95	2	1	108	93	135	7	1	235	20	37	42	22	99	34	529	563
08:00 AM	1	14	6	2	21	3	19	0	0	22	14	19	1	0	34	3	11	14	6	28	8	105	113
08:15 AM	1	8	2	0	11	0	9	1	0	10	15	12	1	0	28	0	4	7	5	11	5	60	65
08:30 AM	1	17	1	0	19	1	14	0	0	15	13	19	2	1	34	1	8	9	4	18	5	86	91
08:45 AM	0	16	3	1	19	3	18	1	0	22	14	13	3	1	30	0	11	7	3	18	5	89	94
Total	3	55	12	3	70	7	60	2	0	69	56	63	7	2	126	4	34	37	18	75	23	340	363
Grand Total	5	109	43	13	157	18	155	4	1	177	149	198	14	3	361	24	71	79	40	174	57	869	926
Apprch %	3.2	69.4	27.4			10.2	87.6	2.3			41.3	54.8	3.9			13.8	40.8	45.4					
Total %	0.6	12.5	4.9		18.1	2.1	17.8	0.5		20.4	17.1	22.8	1.6		41.5	2.8	8.2	9.1		20	6.2	93.8	

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	1	10	9	20	2	16	2	20	26	33	2	61	5	4	10	19	120
07:15 AM	0	15	8	23	4	14	0	18	24	35	1	60	5	6	11	22	123
07:30 AM	1	16	10	27	2	24	0	26	25	35	2	62	5	15	13	33	148
07:45 AM	0	13	4	17	3	41	0	44	18	32	2	52	5	12	8	25	138
Total Volume	2	54	31	87	11	95	2	108	93	135	7	235	20	37	42	99	529
% App. Total	2.3	62.1	35.6		10.2	88	1.9		39.6	57.4	3		20.2	37.4	42.4		
PHF	.500	.844	.775	.806	.688	.579	.250	.614	.894	.964	.875	.948	1.00	.617	.808	.750	.894



Counts Unlimited
 PO Box 1178
 Corona, CA 92878
 (951) 268-6268

City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan AM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 3

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	1	10	9	20	2	16	2	20	26	33	2	61	5	4	10	19	
+15 mins.	0	15	8	23	4	14	0	18	24	35	1	60	5	6	11	22	
+30 mins.	1	16	10	27	2	24	0	26	25	35	2	62	5	15	13	33	
+45 mins.	0	13	4	17	3	41	0	44	18	32	2	52	5	12	8	25	
Total Volume	2	54	31	87	11	95	2	108	93	135	7	235	20	37	42	99	
% App. Total	2.3	62.1	35.6		10.2	88	1.9		39.6	57.4	3		20.2	37.4	42.4		
PHF	.500	.844	.775	.806	.688	.579	.250	.614	.894	.964	.875	.948	1.000	.617	.808	.750	

City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan AM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

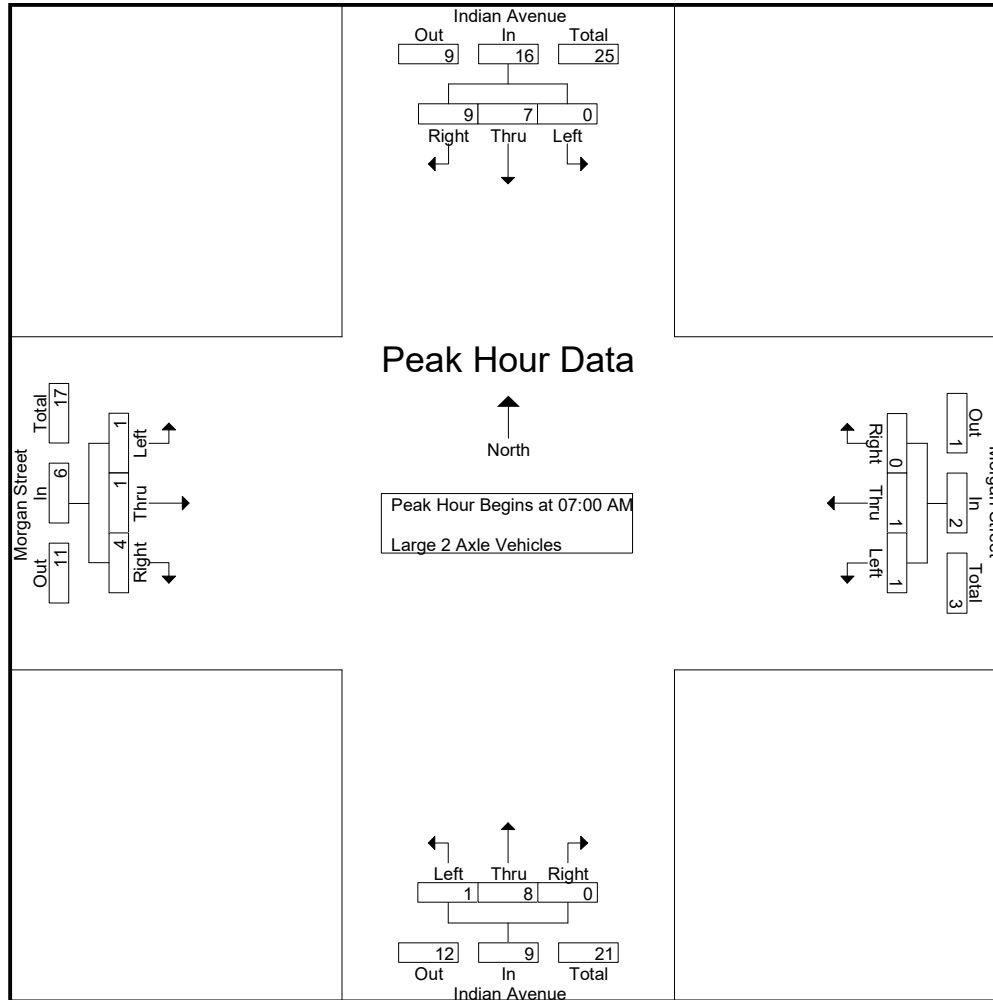
Groups Printed- Large 2 Axle Vehicles

Start Time	Indian Avenue Southbound					Morgan Street Westbound					Indian Avenue Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
07:00 AM	0	0	2	0	2	1	1	0	0	2	0	2	0	0	2	0	0	1	1	1	1	1	7	8
07:15 AM	0	1	1	0	2	0	0	0	0	0	1	4	0	0	5	1	0	0	0	1	0	0	8	8
07:30 AM	0	2	3	0	5	0	0	0	0	0	0	1	0	0	1	0	1	3	1	4	1	10	11	
07:45 AM	0	4	3	1	7	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	8	9	
Total	0	7	9	1	16	1	1	0	0	2	1	8	0	0	9	1	1	4	2	6	3	33	36	
08:00 AM	0	1	1	0	2	0	0	0	0	0	1	2	0	0	3	0	0	1	0	1	0	6	6	
08:15 AM	0	2	2	0	4	0	0	0	0	0	0	1	0	0	1	0	0	2	2	2	2	7	9	
08:30 AM	0	3	0	0	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	4	
08:45 AM	1	1	1	0	3	0	0	1	1	1	1	1	0	0	2	0	0	0	0	0	1	6	7	
Total	1	7	4	0	12	1	0	1	1	2	2	4	0	0	6	0	0	3	2	3	3	23	26	
Grand Total	1	14	13	1	28	2	1	1	1	4	3	12	0	0	15	1	1	7	4	9	6	56	62	
Apprch %	3.6	50	46.4			50	25	25			20	80	0			11.1	11.1	77.8						
Total %	1.8	25	23.2		50	3.6	1.8	1.8		7.1	5.4	21.4	0		26.8	1.8	1.8	12.5		16.1	9.7	90.3		

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	2	2	1	1	0	2	0	2	0	2	0	0	1	1	7
07:15 AM	0	1	1	2	0	0	0	0	1	4	0	5	1	0	0	1	8
07:30 AM	0	2	3	5	0	0	0	0	0	1	0	1	0	1	3	4	10
07:45 AM	0	4	3	7	0	0	0	0	0	1	0	1	0	0	0	0	8
Total Volume	0	7	9	16	1	1	0	2	1	8	0	9	1	1	4	6	33
% App. Total	0	43.8	56.2		50	50	0		11.1	88.9	0		16.7	16.7	66.7		
PHF	.000	.438	.750	.571	.250	.250	.000	.250	.250	.500	.000	.450	.250	.250	.333	.375	.825

Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:00 AM



City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan AM
 Site Code : 05119354
 Start Date : 5/28/2019
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Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	0	0	2	2	1	1	0	2	0	2	0	2	0	0	1	1	
+15 mins.	0	1	1	2	0	0	0	0	1	4	0	5	1	0	0	1	
+30 mins.	0	2	3	5	0	0	0	0	0	1	0	1	0	1	3	4	
+45 mins.	0	4	3	7	0	0	0	0	0	1	0	1	0	0	0	0	
Total Volume	0	7	9	16	1	1	0	2	1	8	0	9	1	1	4	6	
% App. Total	0	43.8	56.2		50	50	0		11.1	88.9	0		16.7	16.7	66.7		
PHF	.000	.438	.750	.571	.250	.250	.000	.250	.250	.500	.000	.450	.250	.250	.333	.375	

City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan AM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

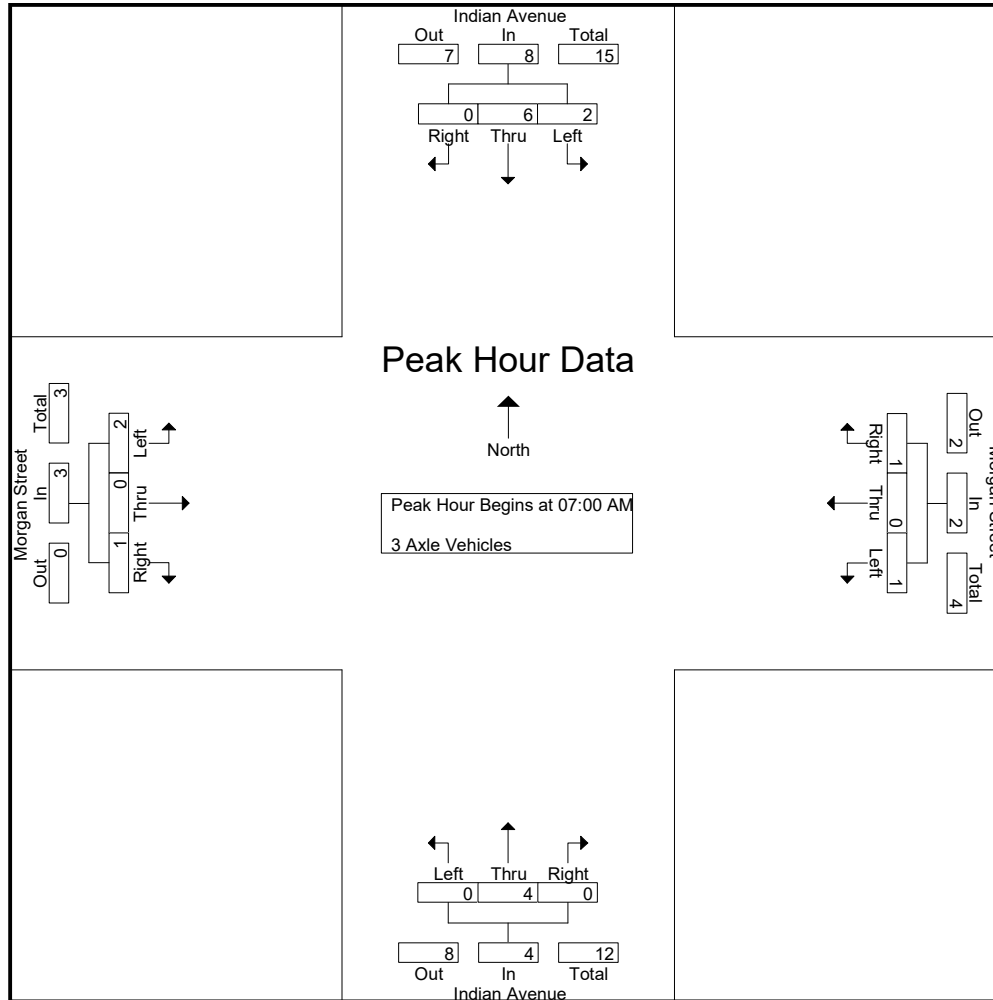
Groups Printed- 3 Axle Vehicles

Start Time	Indian Avenue Southbound					Morgan Street Westbound					Indian Avenue Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	5	5
07:15 AM	1	1	0	0	2	1	0	1	1	2	0	0	0	0	0	1	0	1	1	2	2	2	6	8	8	2	6	8
07:30 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	0	4	4	4	0	4	4
07:45 AM	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	2	2
Total	2	6	0	0	8	1	0	1	1	2	0	4	0	0	4	2	0	1	1	3	2	2	17	19	19	2	17	19
08:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	1	0	3	3	3	0	3	3
08:45 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	3	4	4	1	3	4
Total	0	4	0	0	4	0	0	0	0	0	1	0	0	0	1	1	0	1	1	2	2	2	7	8	8	1	7	8
Grand Total	2	10	0	0	12	1	0	1	1	2	1	4	0	0	5	3	0	2	2	5	3	3	24	27	27	3	24	27
Apprch %	16.7	83.3	0			50	0	50			20	80	0			60	0	40										
Total %	8.3	41.7	0		50	4.2	0	4.2		8.3	4.2	16.7	0		20.8	12.5	0	8.3		20.8	11.1	11.1	88.9			11.1	88.9	

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	2	0	2	0	0	0	0	0	3	0	3	0	0	0	0	5
07:15 AM	1	1	0	2	1	0	1	2	0	0	0	0	1	0	1	2	6
07:30 AM	0	2	0	2	0	0	0	0	0	1	0	1	1	0	0	1	4
07:45 AM	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total Volume	2	6	0	8	1	0	1	2	0	4	0	4	2	0	1	3	17
% App. Total	25	75	0		50	0	50		0	100	0		66.7	0	33.3		
PHF	.500	.750	.000	1.00	.250	.000	.250	.250	.000	.333	.000	.333	.500	.000	.250	.375	.708

Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:00 AM



Counts Unlimited
 PO Box 1178
 Corona, CA 92878
 (951) 268-6268

City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan AM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 3

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	0	2	0	2	0	0	0	0	0	3	0	3	0	0	0	0	
+15 mins.	1	1	0	2	1	0	1	2	0	0	0	0	1	0	1	2	
+30 mins.	0	2	0	2	0	0	0	0	0	1	0	1	1	0	0	1	
+45 mins.	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	2	6	0	8	1	0	1	2	0	4	0	4	2	0	1	3	
% App. Total	25	75	0		50	0	50		0	100	0		66.7	0	33.3		
PHF	.500	.750	.000	1.000	.250	.000	.250	.250	.000	.333	.000	.333	.500	.000	.250	.375	

City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan AM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

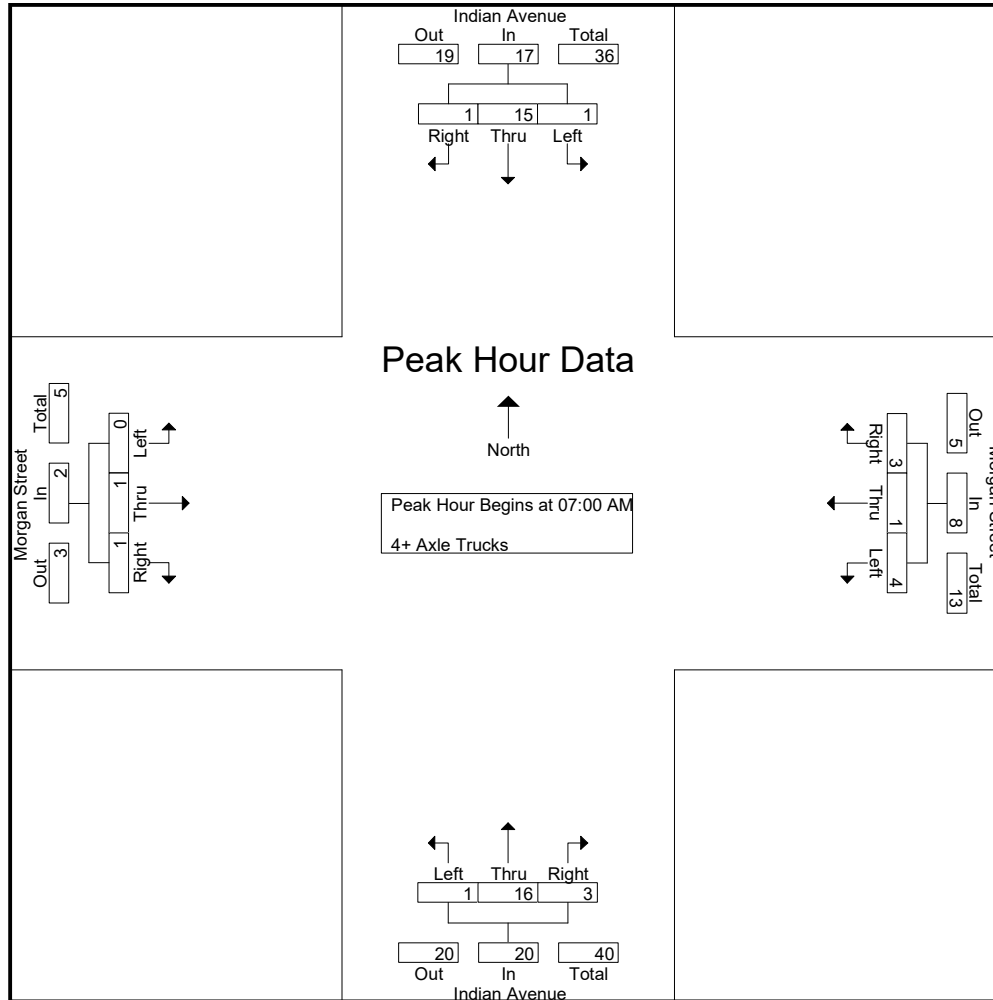
Groups Printed- 4+ Axle Trucks

Start Time	Indian Avenue Southbound					Morgan Street Westbound					Indian Avenue Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	0	2	1	0	3	1	0	1	0	2	0	6	2	1	8	0	0	0	0	0	1	13	14
07:15 AM	0	4	0	0	4	0	0	2	0	2	1	4	1	0	6	0	0	1	0	1	0	13	13
07:30 AM	1	4	0	0	5	1	1	0	0	2	0	3	0	0	3	0	1	0	0	1	0	11	11
07:45 AM	0	5	0	0	5	2	0	0	0	2	0	3	0	0	3	0	0	0	0	0	0	10	10
Total	1	15	1	0	17	4	1	3	0	8	1	16	3	1	20	0	1	1	0	2	1	47	48
08:00 AM	0	5	0	0	5	1	0	0	0	1	1	5	3	2	9	0	1	1	0	2	2	17	19
08:15 AM	2	3	0	0	5	0	0	1	1	1	0	7	1	0	8	0	0	0	0	0	1	14	15
08:30 AM	1	1	1	0	3	1	0	0	0	1	0	5	2	0	7	0	0	0	0	0	0	11	11
08:45 AM	0	5	0	0	5	3	0	0	0	3	0	4	0	0	4	0	0	0	0	0	0	12	12
Total	3	14	1	0	18	5	0	1	1	6	1	21	6	2	28	0	1	1	0	2	3	54	57
Grand Total	4	29	2	0	35	9	1	4	1	14	2	37	9	3	48	0	2	2	0	4	4	101	105
Apprch %	11.4	82.9	5.7			64.3	7.1	28.6			4.2	77.1	18.8			0	50	50					
Total %	4	28.7	2		34.7	8.9	1	4		13.9	2	36.6	8.9		47.5	0	2	2		4	3.8	96.2	

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	2	1	3	1	0	1	2	0	6	2	8	0	0	0	0	13
07:15 AM	0	4	0	4	0	0	2	2	1	4	1	6	0	0	1	1	13
07:30 AM	1	4	0	5	1	1	0	2	0	3	0	3	0	1	0	1	11
07:45 AM	0	5	0	5	2	0	0	2	0	3	0	3	0	0	0	0	10
Total Volume	1	15	1	17	4	1	3	8	1	16	3	20	0	1	1	2	47
% App. Total	5.9	88.2	5.9		50	12.5	37.5		5	80	15		0	50	50		
PHF	.250	.750	.250	.850	.500	.250	.375	1.00	.250	.667	.375	.625	.000	.250	.250	.500	.904

Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:00 AM



City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan AM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 3

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	0	2	1	3	1	0	1	2	0	6	2	8	0	0	0	0	
+15 mins.	0	4	0	4	0	0	2	2	1	4	1	6	0	0	1	1	
+30 mins.	1	4	0	5	1	1	0	2	0	3	0	3	0	1	0	1	
+45 mins.	0	5	0	5	2	0	0	2	0	3	0	3	0	0	0	0	
Total Volume	1	15	1	17	4	1	3	8	1	16	3	20	0	1	1	2	
% App. Total	5.9	88.2	5.9		50	12.5	37.5		5	80	15		0	50	50		
PHF	.250	.750	.250	.850	.500	.250	.375	1.000	.250	.667	.375	.625	.000	.250	.250	.500	

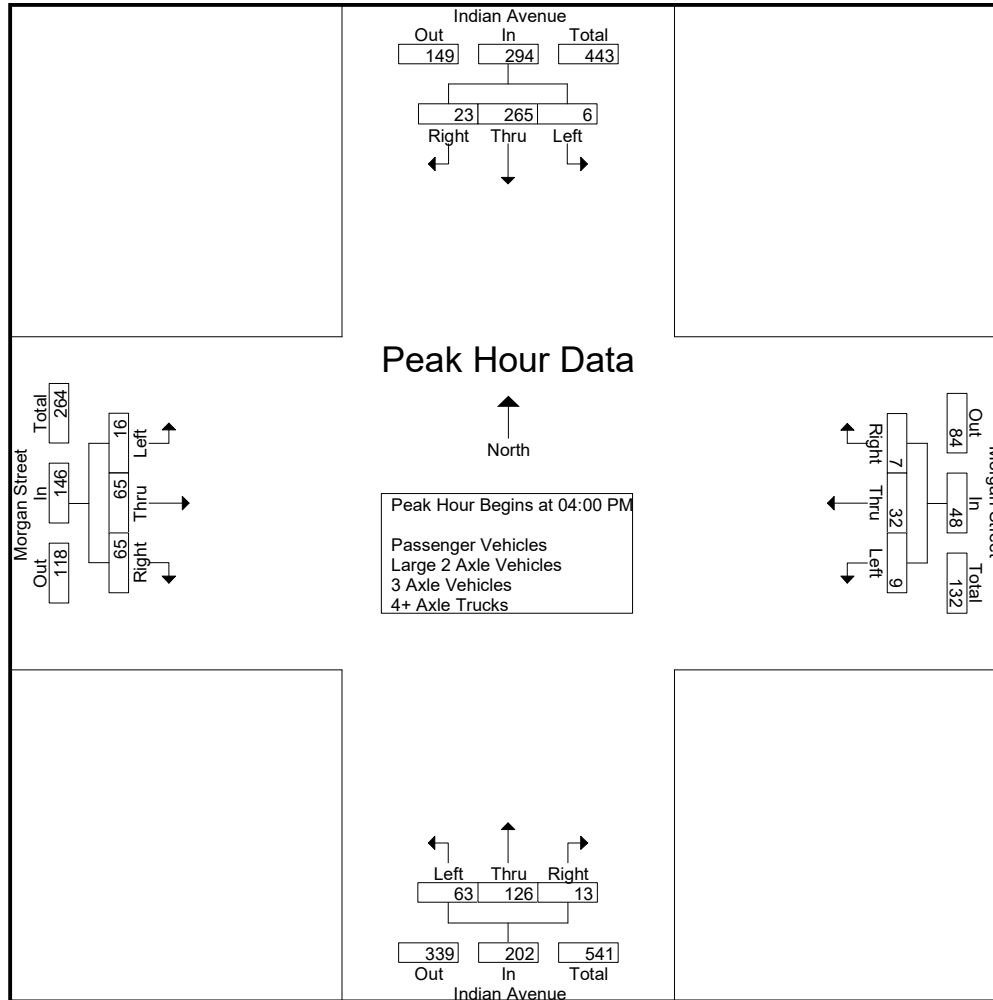
City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Indian Avenue Southbound					Morgan Street Westbound					Indian Avenue Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	1	47	5	2	53	0	6	1	1	7	12	30	2	0	44	2	18	14	8	34	11	138	149
04:15 PM	1	54	3	0	58	0	8	2	1	10	13	29	3	0	45	3	8	16	8	27	9	140	149
04:30 PM	1	112	6	2	119	2	10	2	0	14	16	39	2	0	57	6	31	18	14	55	16	245	261
04:45 PM	3	52	9	2	64	7	8	2	2	17	22	28	6	2	56	5	8	17	8	30	14	167	181
Total	6	265	23	6	294	9	32	7	4	48	63	126	13	2	202	16	65	65	38	146	50	690	740
05:00 PM	2	48	4	0	54	2	7	2	1	11	11	26	2	0	39	2	4	14	9	20	10	124	134
05:15 PM	2	43	3	0	48	2	5	2	2	9	23	31	4	0	58	1	3	12	6	16	8	131	139
05:30 PM	0	44	4	0	48	5	3	2	1	10	9	54	9	2	72	2	6	13	9	21	12	151	163
05:45 PM	0	44	3	1	47	6	4	3	1	13	11	32	5	1	48	2	4	9	4	15	7	123	130
Total	4	179	14	1	197	15	19	9	5	43	54	143	20	3	217	7	17	48	28	72	37	529	566
Grand Total	10	444	37	7	491	24	51	16	9	91	117	269	33	5	419	23	82	113	66	218	87	1219	1306
Apprch %	2	90.4	7.5			26.4	56	17.6			27.9	64.2	7.9			10.6	37.6	51.8					
Total %	0.8	36.4	3		40.3	2	4.2	1.3		7.5	9.6	22.1	2.7		34.4	1.9	6.7	9.3		17.9	6.7	93.3	
Passenger Vehicles	5	389	18		415	20	50	10		85	114	219	23		361	23	80	103		269	0	0	1130
% Passenger Vehicles	50	87.6	48.6	42.9	83.3	83.3	98	62.5	55.6	85	97.4	81.4	69.7	100	85.1	100	97.6	91.2	95.5	94.7	0	0	86.5
Large 2 Axle Vehicles	1	6	18		29	4	1	1		7	3	6	2		11	0	1	3		4	0	0	51
% Large 2 Axle Vehicles	10	1.4	48.6	57.1	5.8	16.7	2	6.2	11.1	7	2.6	2.2	6.1	0	2.6	0	1.2	2.7	0	1.4	0	0	3.9
3 Axle Vehicles	0	8	0		8	0	0	0		0	0	6	3		9	0	0	3		5	0	0	22
% 3 Axle Vehicles	0	1.8	0	0	1.6	0	0	0	0	0	0	2.2	9.1	0	2.1	0	0	2.7	3	1.8	0	0	1.7
4+ Axle Trucks	4	41	1		46	0	0	5		8	0	38	5		43	0	1	4		6	0	0	103
% 4+ Axle Trucks	40	9.2	2.7	0	9.2	0	0	31.2	33.3	8	0	14.1	15.2	0	10.1	0	1.2	3.5	1.5	2.1	0	0	7.9

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	1	47	5	53	0	6	1	7	12	30	2	44	2	18	14	34	138
04:15 PM	1	54	3	58	0	8	2	10	13	29	3	45	3	8	16	27	140
04:30 PM	1	112	6	119	2	10	2	14	16	39	2	57	6	31	18	55	245
04:45 PM	3	52	9	64	7	8	2	17	22	28	6	56	5	8	17	30	167
Total Volume	6	265	23	294	9	32	7	48	63	126	13	202	16	65	65	146	690
% App. Total	2	90.1	7.8		18.8	66.7	14.6		31.2	62.4	6.4		11	44.5	44.5		
PHF	.500	.592	.639	.618	.321	.800	.875	.706	.716	.808	.542	.886	.667	.524	.903	.664	.704



Counts Unlimited
 PO Box 1178
 Corona, CA 92878
 (951) 268-6268

City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 3

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:15 PM				04:15 PM				04:45 PM				04:00 PM				
+0 mins.	1	54	3	58	0	8	2	10	22	28	6	56	2	18	14	34	
+15 mins.	1	112	6	119	2	10	2	14	11	26	2	39	3	8	16	27	
+30 mins.	3	52	9	64	7	8	2	17	23	31	4	58	6	31	18	55	
+45 mins.	2	48	4	54	2	7	2	11	9	54	9	72	5	8	17	30	
Total Volume	7	266	22	295	11	33	8	52	65	139	21	225	16	65	65	146	
% App. Total	2.4	90.2	7.5		21.2	63.5	15.4		28.9	61.8	9.3		11	44.5	44.5		
PHF	.583	.594	.611	.620	.393	.825	1.000	.765	.707	.644	.583	.781	.667	.524	.903	.664	

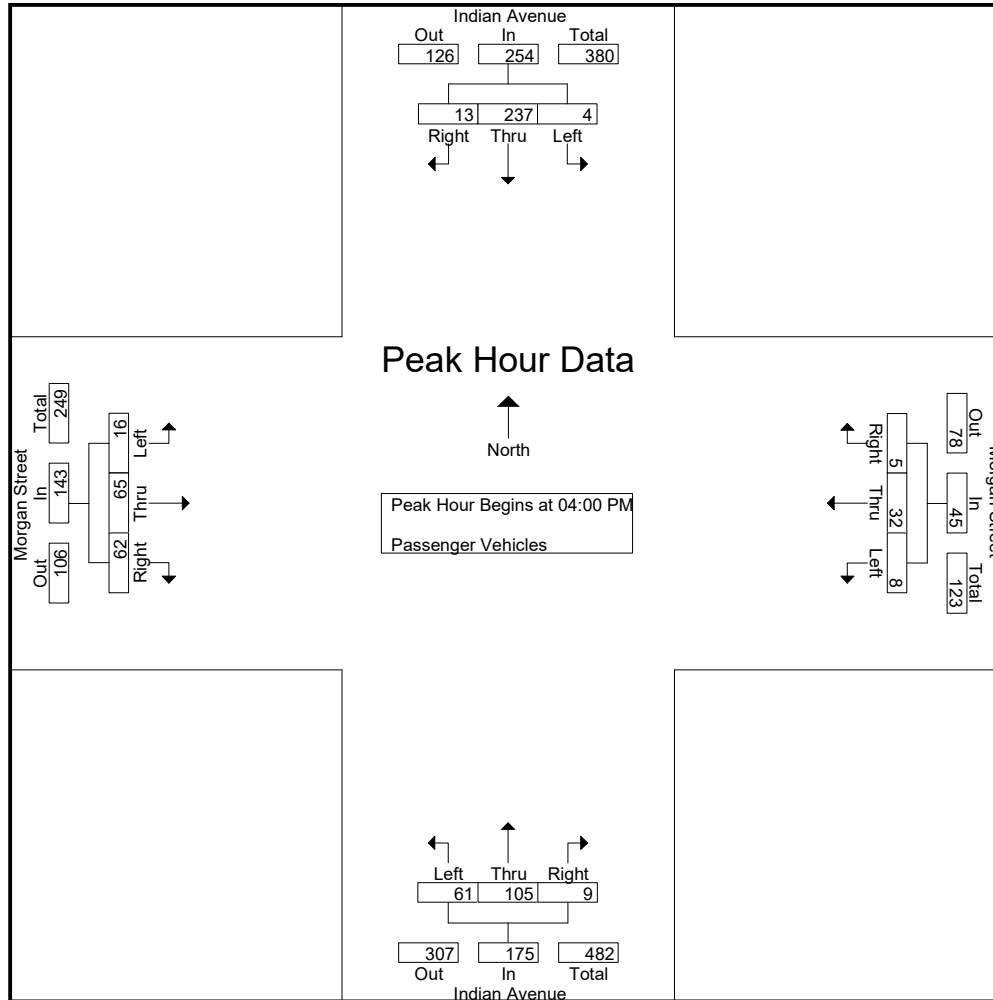
City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Indian Avenue Southbound					Morgan Street Westbound					Indian Avenue Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	38	2	1	40	0	6	1	1	7	11	23	2	0	36	2	18	14	8	34	10	117	127
04:15 PM	1	47	1	0	49	0	8	2	1	10	13	26	2	0	41	3	8	15	8	26	9	126	135
04:30 PM	0	105	4	1	109	2	10	1	0	13	15	31	1	0	47	6	31	17	14	54	15	223	238
04:45 PM	3	47	6	1	56	6	8	1	1	15	22	25	4	2	51	5	8	16	8	29	12	151	163
Total	4	237	13	3	254	8	32	5	3	45	61	105	9	2	175	16	65	62	38	143	46	617	663
05:00 PM	0	38	2	0	40	2	6	0	0	8	11	20	1	0	32	2	4	13	8	19	8	99	107
05:15 PM	1	35	0	0	36	1	5	1	1	7	22	27	3	0	52	1	1	9	5	11	6	106	112
05:30 PM	0	41	2	0	43	5	3	2	1	10	9	42	6	2	57	2	6	10	8	18	11	128	139
05:45 PM	0	38	1	0	39	4	4	2	0	10	11	25	4	1	40	2	4	9	4	15	5	104	109
Total	1	152	5	0	158	12	18	5	2	35	53	114	14	3	181	7	15	41	25	63	30	437	467
Grand Total	5	389	18	3	412	20	50	10	5	80	114	219	23	5	356	23	80	103	63	206	76	1054	1130
Apprch %	1.2	94.4	4.4			25	62.5	12.5			32	61.5	6.5			11.2	38.8	50			6.7	93.3	
Total %	0.5	36.9	1.7		39.1	1.9	4.7	0.9		7.6	10.8	20.8	2.2		33.8	2.2	7.6	9.8		19.5	6.7	93.3	

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	38	2	40	0	6	1	7	11	23	2	36	2	18	14	34	117
04:15 PM	1	47	1	49	0	8	2	10	13	26	2	41	3	8	15	26	126
04:30 PM	0	105	4	109	2	10	1	13	15	31	1	47	6	31	17	54	223
04:45 PM	3	47	6	56	6	8	1	15	22	25	4	51	5	8	16	29	151
Total Volume	4	237	13	254	8	32	5	45	61	105	9	175	16	65	62	143	617
% App. Total	1.6	93.3	5.1		17.8	71.1	11.1		34.9	60	5.1		11.2	45.5	43.4		
PHF	.333	.564	.542	.583	.333	.800	.625	.750	.693	.847	.563	.858	.667	.524	.912	.662	.692



City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 3

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				04:00 PM				04:00 PM				
+0 mins.	0	38	2	40	0	6	1	7	11	23	2	36	2	18	14	34	
+15 mins.	1	47	1	49	0	8	2	10	13	26	2	41	3	8	15	26	
+30 mins.	0	105	4	109	2	10	1	13	15	31	1	47	6	31	17	54	
+45 mins.	3	47	6	56	6	8	1	15	22	25	4	51	5	8	16	29	
Total Volume	4	237	13	254	8	32	5	45	61	105	9	175	16	65	62	143	
% App. Total	1.6	93.3	5.1		17.8	71.1	11.1		34.9	60	5.1		11.2	45.5	43.4		
PHF	.333	.564	.542	.583	.333	.800	.625	.750	.693	.847	.563	.858	.667	.524	.912	.662	

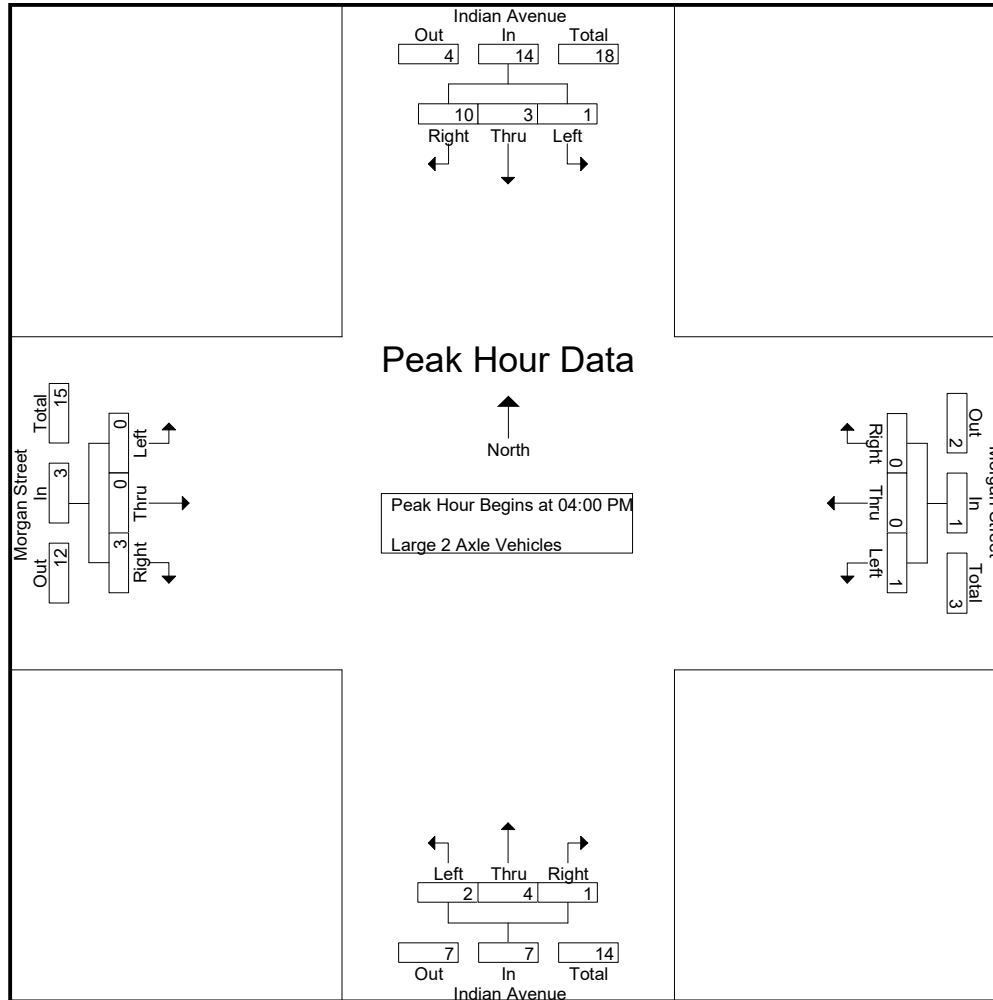
City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

Groups Printed- Large 2 Axle Vehicles

Start Time	Indian Avenue Southbound					Morgan Street Westbound					Indian Avenue Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	0	1	3	1	4	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	5	6
04:15 PM	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	4	4
04:30 PM	1	1	2	1	4	0	0	0	0	0	1	3	0	0	4	0	0	1	0	1	1	9	10
04:45 PM	0	0	3	1	3	1	0	0	0	1	0	1	1	0	2	0	0	1	0	1	1	7	8
Total	1	3	10	3	14	1	0	0	0	1	2	4	1	0	7	0	0	3	0	3	3	25	28
05:00 PM	0	0	2	0	2	0	1	1	1	2	0	1	0	0	1	0	0	0	0	0	1	5	6
05:15 PM	0	2	2	0	4	1	0	0	0	1	1	0	0	0	1	0	1	0	0	1	0	7	7
05:30 PM	0	0	2	0	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	3	3
05:45 PM	0	1	2	1	3	2	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	6	7
Total	0	3	8	1	11	3	1	1	1	5	1	2	1	0	4	0	1	0	0	1	2	21	23
Grand Total	1	6	18	4	25	4	1	1	1	6	3	6	2	0	11	0	1	3	0	4	5	46	51
Apprch %	4	24	72			66.7	16.7	16.7			27.3	54.5	18.2			0	25	75					
Total %	2.2	13	39.1		54.3	8.7	2.2	2.2		13	6.5	13	4.3		23.9	0	2.2	6.5		8.7	9.8	90.2	

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	1	3	4	0	0	0	0	1	0	0	1	0	0	0	0	5
04:15 PM	0	1	2	3	0	0	0	0	0	0	0	0	0	0	1	1	4
04:30 PM	1	1	2	4	0	0	0	0	1	3	0	4	0	0	1	1	9
04:45 PM	0	0	3	3	1	0	0	1	0	1	1	2	0	0	1	1	7
Total Volume	1	3	10	14	1	0	0	1	2	4	1	7	0	0	3	3	25
% App. Total	7.1	21.4	71.4		100	0	0		28.6	57.1	14.3		0	0	100		
PHF	.250	.750	.833	.875	.250	.000	.000	.250	.500	.333	.250	.438	.000	.000	.750	.750	.694



City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 3

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				04:00 PM				04:00 PM				
+0 mins.	0	1	3	4	0	0	0	0	1	0	0	1	0	0	0	0	
+15 mins.	0	1	2	3	0	0	0	0	0	0	0	0	0	0	1	1	
+30 mins.	1	1	2	4	0	0	0	0	1	3	0	4	0	0	1	1	
+45 mins.	0	0	3	3	1	0	0	1	0	1	1	2	0	0	1	1	
Total Volume	1	3	10	14	1	0	0	1	2	4	1	7	0	0	3	3	
% App. Total	7.1	21.4	71.4		100	0	0		28.6	57.1	14.3		0	0	100		
PHF	.250	.750	.833	.875	.250	.000	.000	.250	.500	.333	.250	.438	.000	.000	.750	.750	

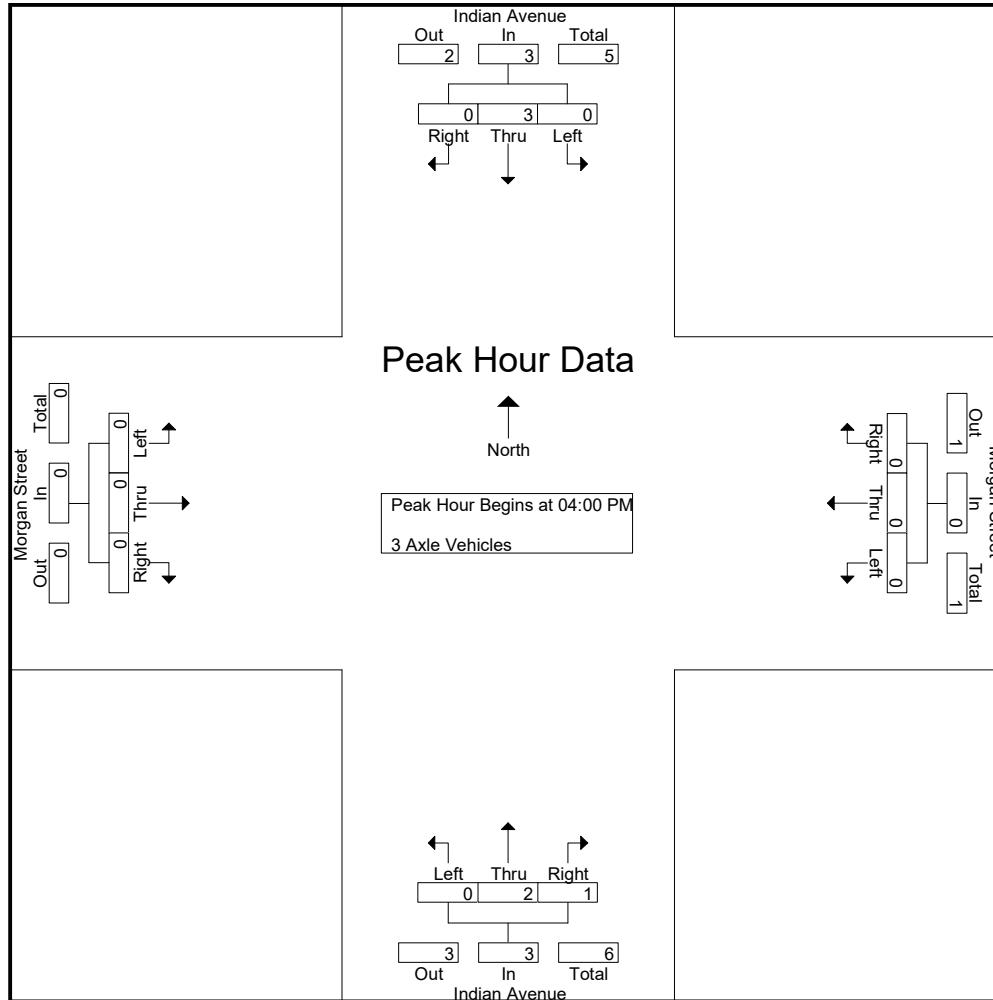
City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

Groups Printed- 3 Axle Vehicles

Start Time	Indian Avenue Southbound					Morgan Street Westbound					Indian Avenue Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3	3
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	0	3	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	6	6
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	3	4
05:15 PM	0	2	0	0	2	0	0	0	0	0	0	0	1	0	1	0	0	2	1	2	2	2	2	2	2	2	5	6
05:30 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	4
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	0	5	0	0	5	0	0	0	0	0	0	4	2	0	6	0	0	3	2	3	3	3	3	3	3	2	14	16
Grand Total	0	8	0	0	8	0	0	0	0	0	0	6	3	0	9	0	0	3	2	3	3	3	3	3	3	2	20	22
Apprch %	0	100	0			0	0	0			0	66.7	33.3			0	0	100										
Total %	0	40	0		40	0	0	0		0	0	30	15		45	0	0	15		15	15	15	15	15	15	9.1	90.9	

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total				
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total					
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:15 PM	0	1	0	1	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	3
04:30 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	3	0	3	0	0	0	0	0	2	1	3	0	0	0	0	0	0	0	0	6
% App. Total	0	100	0		0	0	0		0	66.7	33.3		0	0	0		0	0	0		
PHF	.000	.750	.000	.750	.000	.000	.000	.000	.000	.500	.250	.375	.000	.000	.000	.000	.000	.000	.000	.000	.500



City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan PM
 Site Code : 05119354
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Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				04:00 PM				04:00 PM				
+0 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+15 mins.	0	1	0	1	0	0	0	0	0	1	1	2	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	3	0	3	0	0	0	0	0	2	1	3	0	0	0	0	
% App. Total	0	100	0		0	0	0		0	66.7	33.3		0	0	0		
PHF	.000	.750	.000	.750	.000	.000	.000	.000	.000	.500	.250	.375	.000	.000	.000	.000	

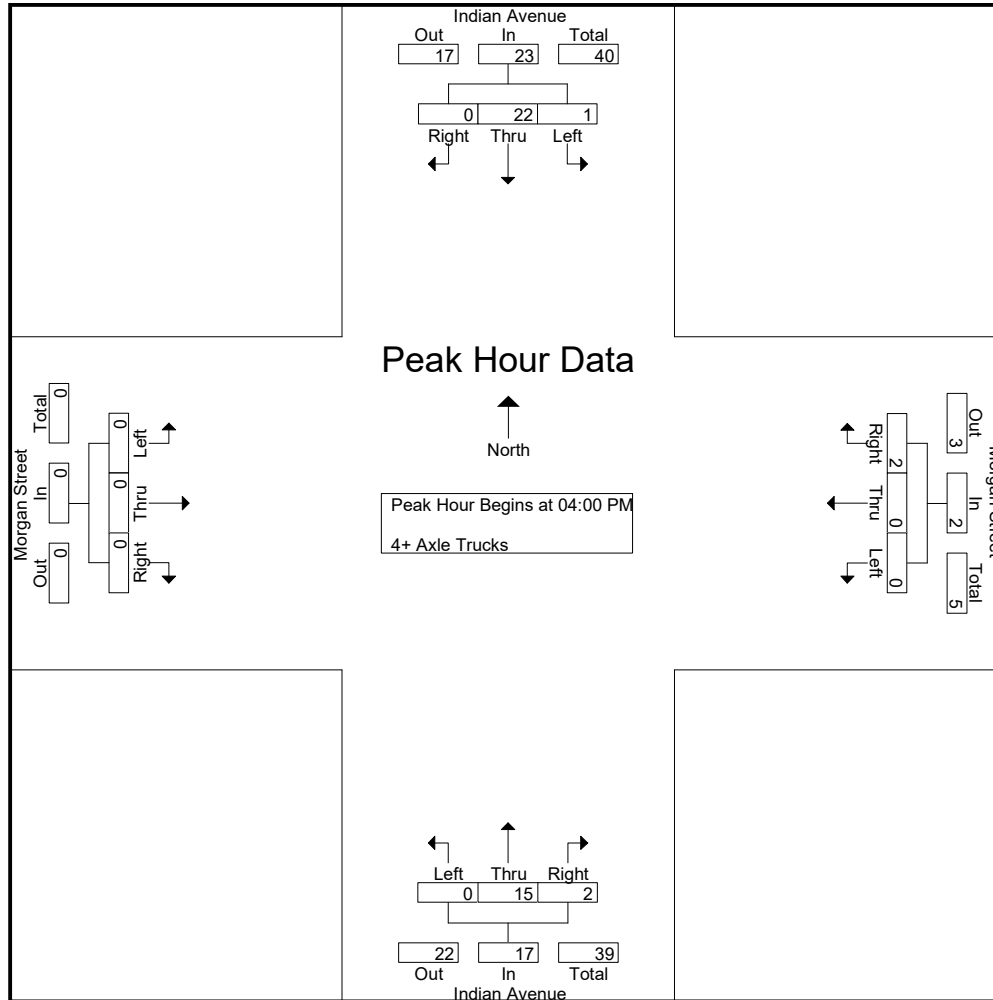
City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

Groups Printed- 4+ Axle Trucks

Start Time	Indian Avenue Southbound					Morgan Street Westbound					Indian Avenue Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total				
04:00 PM	1	7	0	0	8	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	15	15
04:15 PM	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	7	7
04:30 PM	0	5	0	0	5	0	0	1	0	1	0	4	1	0	5	0	0	0	0	0	0	0	11	11
04:45 PM	0	5	0	0	5	0	0	1	1	1	0	2	1	0	3	0	0	0	0	0	0	1	9	10
Total	1	22	0	0	23	0	0	2	1	2	0	15	2	0	17	0	0	0	0	0	0	1	42	43
05:00 PM	2	9	0	0	11	0	0	1	0	1	0	5	0	0	5	0	0	0	0	0	0	0	17	17
05:15 PM	1	4	1	0	6	0	0	1	1	1	0	4	0	0	4	0	1	1	0	2	1	1	13	14
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	10	2	0	12	0	0	3	1	3	1	1	16	17
05:45 PM	0	5	0	0	5	0	0	1	1	1	0	4	1	0	5	0	0	0	0	0	0	1	11	12
Total	3	19	1	0	23	0	0	3	2	3	0	23	3	0	26	0	1	4	1	5	3	57	60	
Grand Total	4	41	1	0	46	0	0	5	3	5	0	38	5	0	43	0	1	4	1	5	4	99	103	
Apprch %	8.7	89.1	2.2			0	0	100			0	88.4	11.6			0	20	80						
Total %	4	41.4	1		46.5	0	0	5.1		5.1	0	38.4	5.1		43.4	0	1	4		5.1	3.9	96.1		

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	1	7	0	8	0	0	0	0	0	7	0	7	0	0	0	0	15
04:15 PM	0	5	0	5	0	0	0	0	0	2	0	2	0	0	0	0	7
04:30 PM	0	5	0	5	0	0	1	1	0	4	1	5	0	0	0	0	11
04:45 PM	0	5	0	5	0	0	1	1	0	2	1	3	0	0	0	0	9
Total Volume	1	22	0	23	0	0	2	2	0	15	2	17	0	0	0	0	42
% App. Total	4.3	95.7	0		0	0	100		0	88.2	11.8		0	0	0		
PHF	.250	.786	.000	.719	.000	.000	.500	.500	.000	.536	.500	.607	.000	.000	.000	.000	.700



City of Perris
 N/S: Indian Avenue
 E/W: Morgan Street
 Weather: Clear

File Name : 10_PER_Indian_Morgan PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 3

Start Time	Indian Avenue Southbound				Morgan Street Westbound				Indian Avenue Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:00 PM				04:00 PM				04:00 PM				04:00 PM				
+0 mins.	1	7	0	8	0	0	0	0	0	7	0	7	0	0	0	0	
+15 mins.	0	5	0	5	0	0	0	0	0	2	0	2	0	0	0	0	
+30 mins.	0	5	0	5	0	0	1	1	0	4	1	5	0	0	0	0	
+45 mins.	0	5	0	5	0	0	1	1	0	2	1	3	0	0	0	0	
Total Volume	1	22	0	23	0	0	2	2	0	15	2	17	0	0	0	0	
% App. Total	4.3	95.7	0		0	0	100		0	88.2	11.8		0	0	0		
PHF	.250	.786	.000	.719	.000	.000	.500	.500	.000	.536	.500	.607	.000	.000	.000	.000	

Location: Perris
 N/S: Indian Avenue
 E/W: Morgan Street



Date: 5/28/2019
 Day: Tuesday

PEDESTRIANS

	North Leg Indian Avenue	East Leg Morgan Street	South Leg Indian Avenue	West Leg Morgan Street	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	1	0	1	0	2
7:45 AM	0	0	0	0	0
8:00 AM	1	0	0	0	1
8:15 AM	1	0	0	0	1
8:30 AM	0	1	0	0	1
8:45 AM	1	0	0	0	1
TOTAL VOLUMES:	4	1	1	0	6

	North Leg Indian Avenue	East Leg Morgan Street	South Leg Indian Avenue	West Leg Morgan Street	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	1	1	2
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	1	2

Location: Perris
 N/S: Indian Avenue
 E/W: Morgan Street



Date: 5/28/2019
 Day: Tuesday

BICYCLES

	Southbound Indian Avenue			Westbound Morgan Street			Northbound Indian Avenue			Eastbound Morgan Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	1	0	0	1	0	0	0	0	2

	Southbound Indian Avenue			Westbound Morgan Street			Northbound Indian Avenue			Eastbound Morgan Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	2	0	0	0	0	2

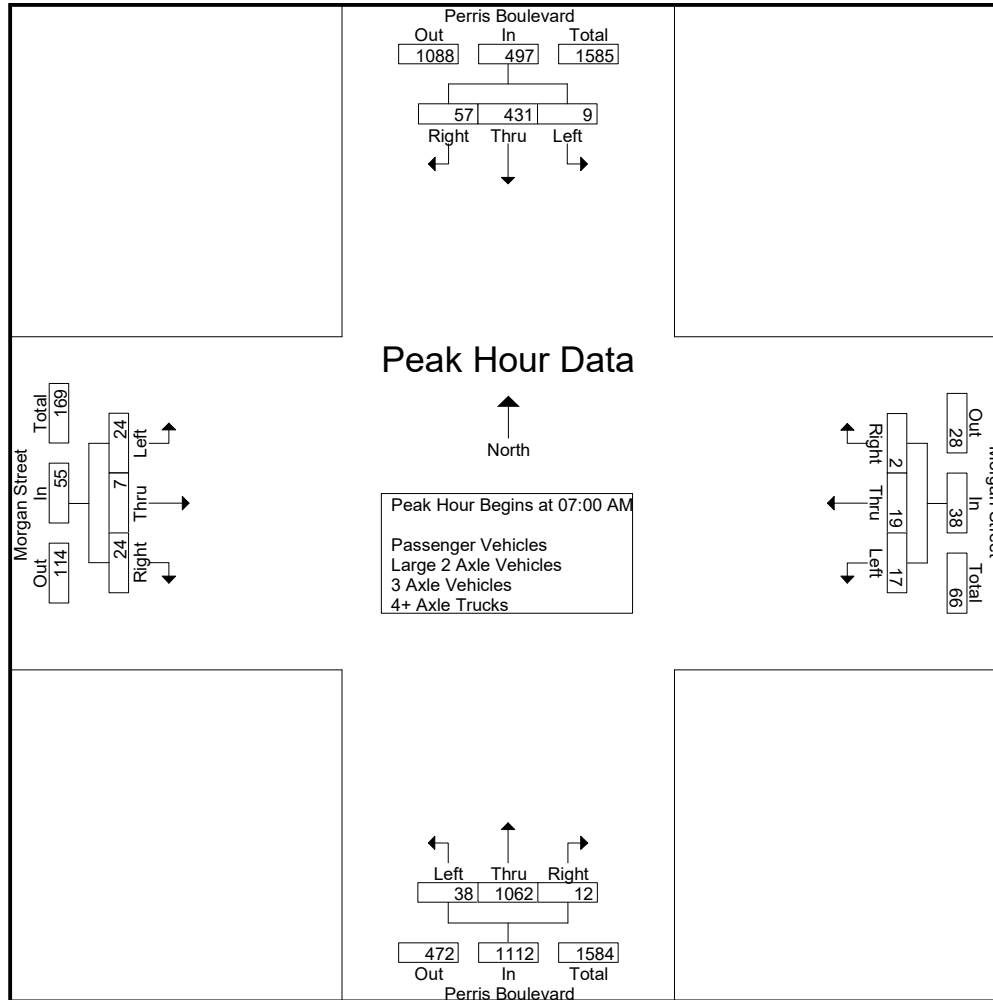
City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Perris Boulevard Southbound					Morgan Street Westbound					Perris Boulevard Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	2	98	10	3	110	2	2	0	0	4	7	317	2	0	326	4	0	2	0	6	3	446	449
07:15 AM	1	89	11	4	101	5	4	2	1	11	8	262	2	0	272	8	1	4	3	13	8	397	405
07:30 AM	0	118	16	2	134	3	6	0	0	9	9	272	5	0	286	6	0	8	5	14	7	443	450
07:45 AM	6	126	20	7	152	7	7	0	0	14	14	211	3	0	228	6	6	10	7	22	14	416	430
Total	9	431	57	16	497	17	19	2	1	38	38	1062	12	0	1112	24	7	24	15	55	32	1702	1734
08:00 AM	3	118	3	1	124	6	4	4	3	14	9	179	4	0	192	10	7	10	5	27	9	357	366
08:15 AM	3	100	5	0	108	3	3	0	0	6	5	173	2	0	180	2	1	8	5	11	5	305	310
08:30 AM	5	128	7	3	140	2	1	1	1	4	3	133	6	2	142	6	1	2	2	9	8	295	303
08:45 AM	2	117	5	2	124	5	1	2	2	8	7	141	2	0	150	2	2	0	0	4	4	286	290
Total	13	463	20	6	496	16	9	7	6	32	24	626	14	2	664	20	11	20	12	51	26	1243	1269
Grand Total	22	894	77	22	993	33	28	9	7	70	62	1688	26	2	1776	44	18	44	27	106	58	2945	3003
Apprch %	2.2	90	7.8			47.1	40	12.9			3.5	95	1.5			41.5	17	41.5					
Total %	0.7	30.4	2.6		33.7	1.1	1	0.3		2.4	2.1	57.3	0.9		60.3	1.5	0.6	1.5		3.6	1.9	98.1	
Passenger Vehicles	22	847	70		960	30	26	9		72	61	1627	22		1712	43	18	40		125	0	0	2869
% Passenger Vehicles	100	94.7	90.9	95.5	94.6	90.9	92.9	100	100	93.5	98.4	96.4	84.6	100	96.3	97.7	100	90.9	88.9	94	0	0	95.5
Large 2 Axle Vehicles	0	34	2		36	0	0	0		0	1	41	1		43	0	0	2		4	0	0	83
% Large 2 Axle Vehicles	0	3.8	2.6	0	3.5	0	0	0	0	0	1.6	2.4	3.8	0	2.4	0	0	4.5	7.4	3	0	0	2.8
3 Axle Vehicles	0	1	0		1	3	1	0		4	0	6	3		9	0	0	2		3	0	0	17
% 3 Axle Vehicles	0	0.1	0	0	0.1	9.1	3.6	0	0	5.2	0	0.4	11.5	0	0.5	0	0	4.5	3.7	2.3	0	0	0.6
4+ Axle Trucks	0	12	5		18	0	1	0		1	0	14	0		14	1	0	0		1	0	0	34
% 4+ Axle Trucks	0	1.3	6.5	4.5	1.8	0	3.6	0	0	1.3	0	0.8	0	0	0.8	2.3	0	0	0	0.8	0	0	1.1

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	2	98	10	110	2	2	0	4	7	317	2	326	4	0	2	6	446
07:15 AM	1	89	11	101	5	4	2	11	8	262	2	272	8	1	4	13	397
07:30 AM	0	118	16	134	3	6	0	9	9	272	5	286	6	0	8	14	443
07:45 AM	6	126	20	152	7	7	0	14	14	211	3	228	6	6	10	22	416
Total Volume	9	431	57	497	17	19	2	38	38	1062	12	1112	24	7	24	55	1702
% App. Total	1.8	86.7	11.5		44.7	50	5.3		3.4	95.5	1.1		43.6	12.7	43.6		
PHF	.375	.855	.713	.817	.607	.679	.250	.679	.679	.838	.600	.853	.750	.292	.600	.625	.954



City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 3

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:45 AM				07:15 AM				07:00 AM				07:15 AM				
+0 mins.	6	126	20	152	5	4	2	11	7	317	2	326	8	1	4	13	
+15 mins.	3	118	3	124	3	6	0	9	8	262	2	272	6	0	8	14	
+30 mins.	3	100	5	108	7	7	0	14	9	272	5	286	6	6	10	22	
+45 mins.	5	128	7	140	6	4	4	14	14	211	3	228	10	7	10	27	
Total Volume	17	472	35	524	21	21	6	48	38	1062	12	1112	30	14	32	76	
% App. Total	3.2	90.1	6.7		43.8	43.8	12.5		3.4	95.5	1.1		39.5	18.4	42.1		
PHF	.708	.922	.438	.862	.750	.750	.375	.857	.679	.838	.600	.853	.750	.500	.800	.704	

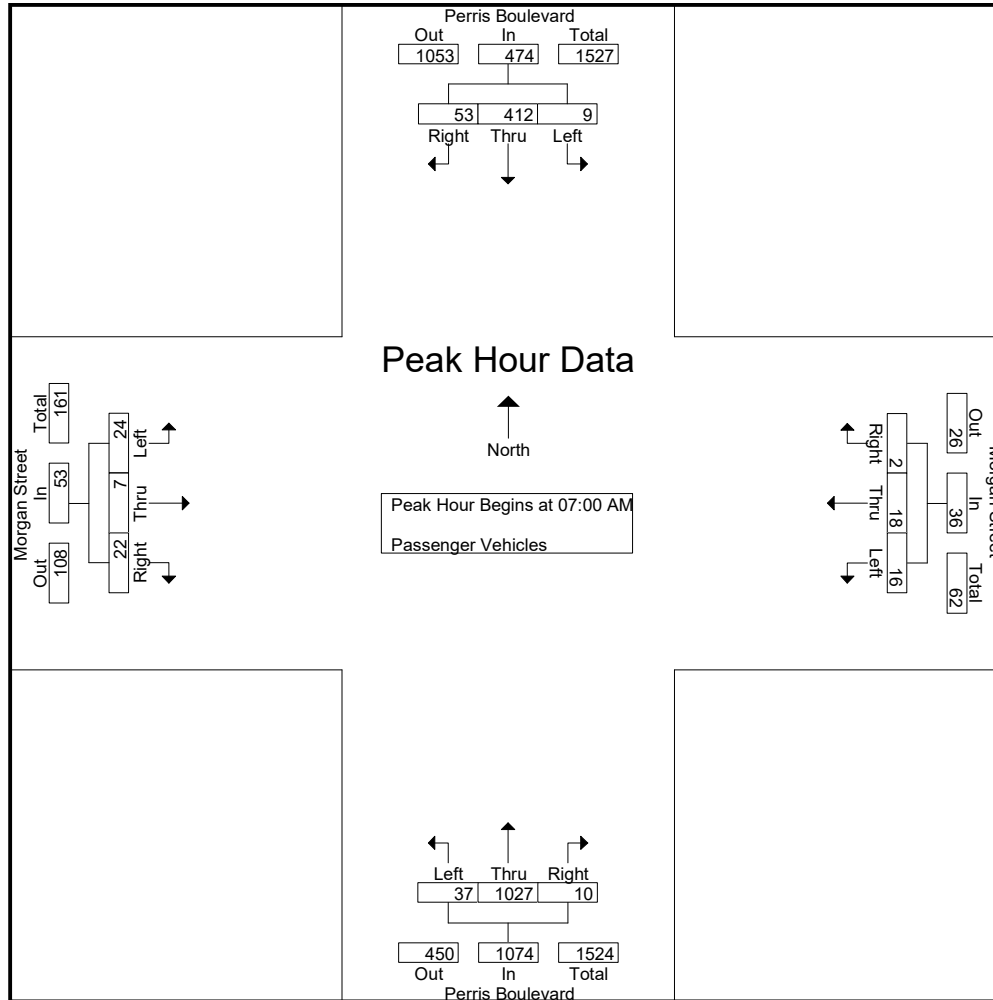
City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Perris Boulevard Southbound					Morgan Street Westbound					Perris Boulevard Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
07:00 AM	2	89	10	3	101	2	2	0	0	4	7	306	2	0	315	4	0	2	0	6	3	426	429
07:15 AM	1	87	10	4	98	5	4	2	1	11	8	253	2	0	263	8	1	4	3	13	8	385	393
07:30 AM	0	114	14	2	128	3	6	0	0	9	8	266	4	0	278	6	0	7	4	13	6	428	434
07:45 AM	6	122	19	6	147	6	6	0	0	12	14	202	2	0	218	6	6	9	6	21	12	398	410
Total	9	412	53	15	474	16	18	2	1	36	37	1027	10	0	1074	24	7	22	13	53	29	1637	1666
08:00 AM	3	109	2	1	114	5	4	4	3	13	9	177	3	0	189	10	7	10	5	27	9	343	352
08:15 AM	3	95	3	0	101	2	3	0	0	5	5	159	1	0	165	2	1	7	5	10	5	281	286
08:30 AM	5	121	7	3	133	2	0	1	1	3	3	126	6	2	135	5	1	1	1	7	7	278	285
08:45 AM	2	110	5	2	117	5	1	2	2	8	7	138	2	0	147	2	2	0	0	4	4	276	280
Total	13	435	17	6	465	14	8	7	6	29	24	600	12	2	636	19	11	18	11	48	25	1178	1203
Grand Total	22	847	70	21	939	30	26	9	7	65	61	1627	22	2	1710	43	18	40	24	101	54	2815	2869
Apprch %	2.3	90.2	7.5			46.2	40	13.8			3.6	95.1	1.3			42.6	17.8	39.6					
Total %	0.8	30.1	2.5		33.4	1.1	0.9	0.3		2.3	2.2	57.8	0.8		60.7	1.5	0.6	1.4		3.6	1.9	98.1	

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	2	89	10	101	2	2	0	4	7	306	2	315	4	0	2	6	426
07:15 AM	1	87	10	98	5	4	2	11	8	253	2	263	8	1	4	13	385
07:30 AM	0	114	14	128	3	6	0	9	8	266	4	278	6	0	7	13	428
07:45 AM	6	122	19	147	6	6	0	12	14	202	2	218	6	6	9	21	398
Total Volume	9	412	53	474	16	18	2	36	37	1027	10	1074	24	7	22	53	1637
% App. Total	1.9	86.9	11.2		44.4	50	5.6		3.4	95.6	0.9		45.3	13.2	41.5		
PHF	.375	.844	.697	.806	.667	.750	.250	.750	.661	.839	.625	.852	.750	.292	.611	.631	.956



City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 3

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	2	89	10	101	2	2	0	4	7	306	2	315	4	0	2	6	
+15 mins.	1	87	10	98	5	4	2	11	8	253	2	263	8	1	4	13	
+30 mins.	0	114	14	128	3	6	0	9	8	266	4	278	6	0	7	13	
+45 mins.	6	122	19	147	6	6	0	12	14	202	2	218	6	6	9	21	
Total Volume	9	412	53	474	16	18	2	36	37	1027	10	1074	24	7	22	53	
% App. Total	1.9	86.9	11.2		44.4	50	5.6		3.4	95.6	0.9		45.3	13.2	41.5		
PHF	.375	.844	.697	.806	.667	.750	.250	.750	.661	.839	.625	.852	.750	.292	.611	.631	

City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

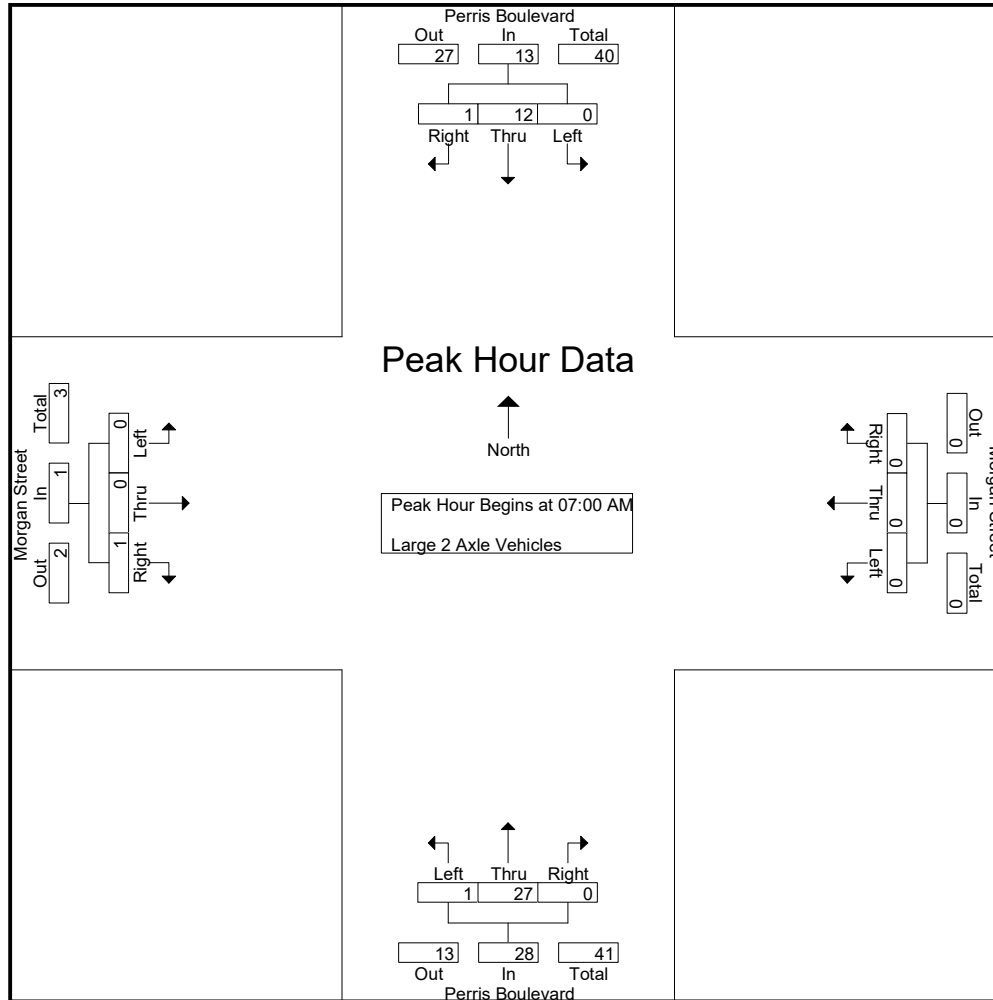
Groups Printed- Large 2 Axle Vehicles

Start Time	Perris Boulevard Southbound					Morgan Street Westbound					Perris Boulevard Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	7	0	0	7	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	15	15
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8	8
07:30 AM	0	2	1	0	3	0	0	0	0	0	1	5	0	0	6	0	0	1	1	1	1	1	1	1	1	1	10	11
07:45 AM	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	9	9
Total	0	12	1	0	13	0	0	0	0	0	1	27	0	0	28	0	0	1	1	1	1	1	1	1	1	1	42	43
08:00 AM	0	9	0	0	9	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	11	11
08:15 AM	0	2	1	0	3	0	0	0	0	0	0	8	1	0	9	0	0	0	0	0	0	0	0	0	0	0	12	12
08:30 AM	0	6	0	0	6	0	0	0	0	0	0	2	0	0	2	0	0	1	1	1	1	1	1	1	1	1	9	10
08:45 AM	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7	7
Total	0	22	1	0	23	0	0	0	0	0	0	14	1	0	15	0	0	1	1	1	1	1	1	1	1	1	39	40
Grand Total	0	34	2	0	36	0	0	0	0	0	1	41	1	0	43	0	0	2	2	2	2	2	2	2	2	2	81	83
Apprch %	0	94.4	5.6			0	0	0			2.3	95.3	2.3			0	0	100										
Total %	0	42	2.5		44.4	0	0	0			1.2	50.6	1.2		53.1	0	0	2.5		2.5	2.4	2.4	2.5	2.5	2.5	2.4	97.6	

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	7	0	7	0	0	0	0	0	8	0	8	0	0	0	0	15
07:15 AM	0	0	0	0	0	0	0	0	0	8	0	8	0	0	0	0	8
07:30 AM	0	2	1	3	0	0	0	0	1	5	0	6	0	0	1	1	10
07:45 AM	0	3	0	3	0	0	0	0	0	6	0	6	0	0	0	0	9
Total Volume	0	12	1	13	0	0	0	0	1	27	0	28	0	0	1	1	42
% App. Total	0	92.3	7.7		0	0	0		3.6	96.4	0		0	0	100		
PHF	.000	.429	.250	.464	.000	.000	.000	.000	.250	.844	.000	.875	.000	.000	.250	.250	.700

Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:00 AM



Counts Unlimited
 PO Box 1178
 Corona, CA 92878
 (951) 268-6268

City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 3

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	0	7	0	7	0	0	0	0	0	8	0	8	0	0	0	0	
+15 mins.	0	0	0	0	0	0	0	0	0	8	0	8	0	0	0	0	
+30 mins.	0	2	1	3	0	0	0	0	1	5	0	6	0	0	1	1	
+45 mins.	0	3	0	3	0	0	0	0	0	6	0	6	0	0	0	0	
Total Volume	0	12	1	13	0	0	0	0	1	27	0	28	0	0	1	1	
% App. Total	0	92.3	7.7		0	0	0		3.6	96.4	0		0	0	100		
PHF	.000	.429	.250	.464	.000	.000	.000	.000	.250	.844	.000	.875	.000	.000	.250	.250	

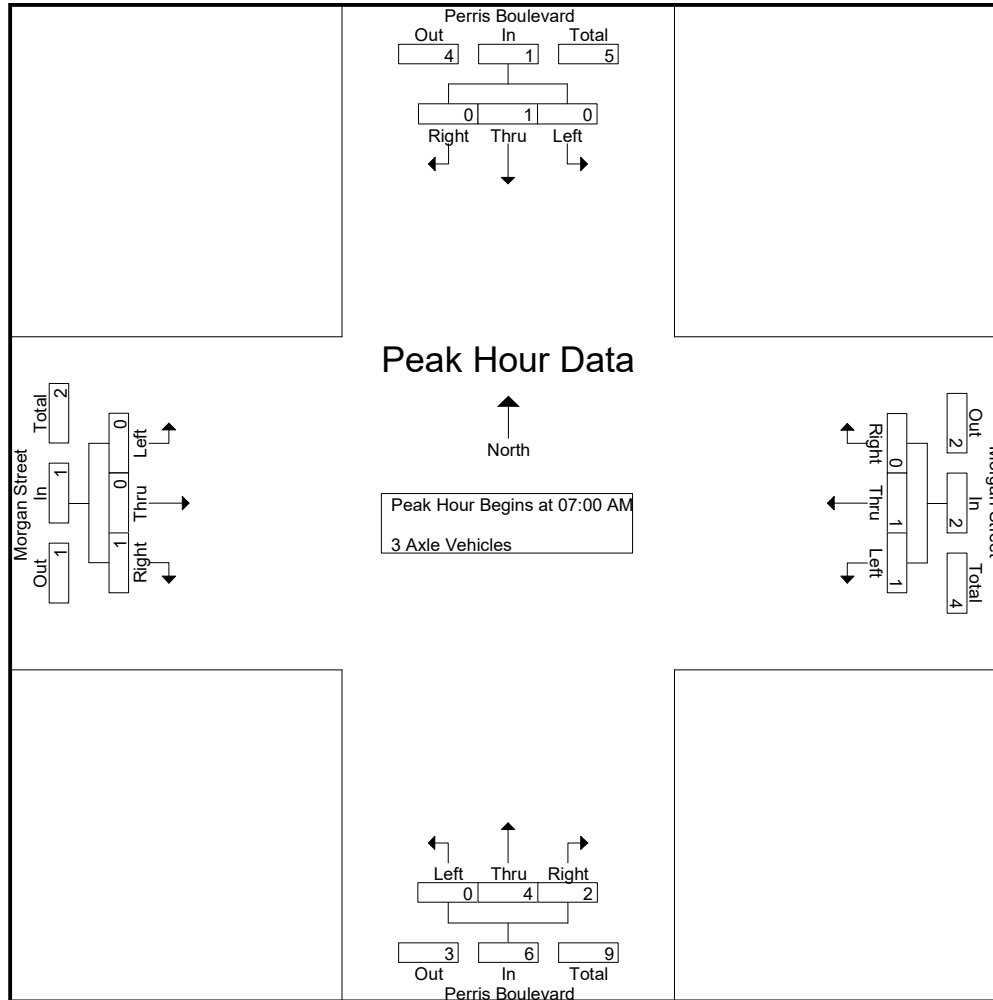
City of Perris
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 Weather: Clear

File Name : 23_PER_Perris_Mor AM
 Site Code : 05120169
 Start Date : 3/11/2020
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Groups Printed- 3 Axle Vehicles

Start Time	Perris Boulevard Southbound					Morgan Street Westbound					Perris Boulevard Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total				
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total							
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	0	2	2
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1
07:45 AM	0	0	0	0	0	1	1	0	0	2	0	2	1	0	3	0	0	1	1	1	1	1	6	7	1	6	7
Total	0	1	0	0	1	1	1	0	0	2	0	4	2	0	6	0	0	1	1	1	1	1	10	11	1	10	11
08:00 AM	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	2	2	0	2	2
08:15 AM	0	0	0	0	0	1	0	0	0	1	0	2	0	0	2	0	0	1	0	1	0	0	4	4	0	4	4
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	0	0	2	0	2	1	0	3	0	0	1	0	1	0	0	6	6	0	6	6
Grand Total	0	1	0	0	1	3	1	0	0	4	0	6	3	0	9	0	0	2	1	2	1	1	16	17	1	16	17
Apprch %	0	100	0			75	25	0			0	66.7	33.3			0	0	100									
Total %	0	6.2	0		6.2	18.8	6.2	0		25	0	37.5	18.8		56.2	0	0	12.5		12.5	5.9	5.9	94.1		5.9	94.1	

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
07:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
07:45 AM	0	0	0	0	1	1	0	2	0	2	1	3	0	0	1	1	6
Total Volume	0	1	0	1	1	1	0	2	0	4	2	6	0	0	1	1	10
% App. Total	0	100	0		50	50	0		0	66.7	33.3		0	0	100		
PHF	.000	.250	.000	.250	.250	.250	.000	.250	.000	.500	.500	.500	.000	.000	.250	.250	.417



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City of Perris
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 Site Code : 05120169
 Start Date : 3/11/2020
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Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	
+15 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	
+45 mins.	0	0	0	0	1	1	0	2	0	2	1	3	0	0	1	1	
Total Volume	0	1	0	1	1	1	0	2	0	4	2	6	0	0	1	1	
% App. Total	0	100	0		50	50	0		0	66.7	33.3		0	0	100		
PHF	.000	.250	.000	.250	.250	.250	.000	.250	.000	.500	.500	.500	.000	.000	.250	.250	

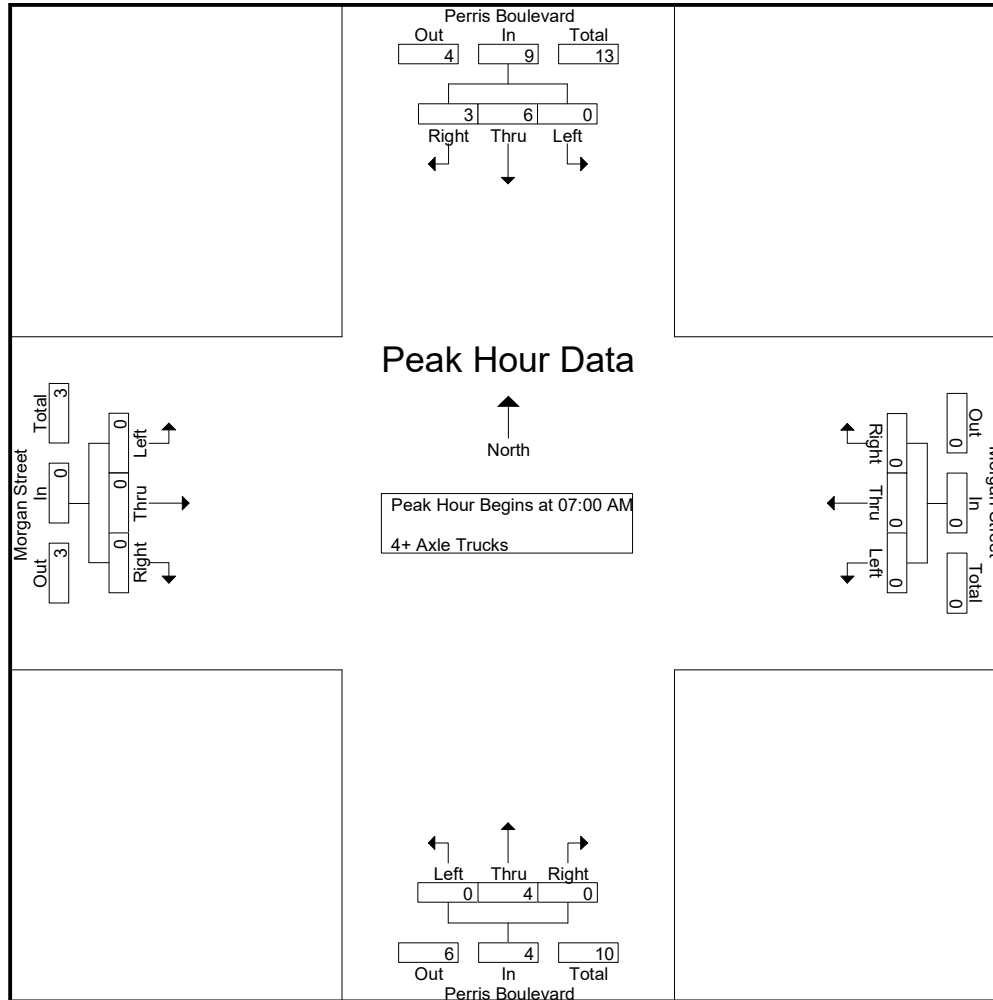
City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor AM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

Groups Printed- 4+ Axle Trucks

Start Time	Perris Boulevard Southbound					Morgan Street Westbound					Perris Boulevard Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
07:00 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3
07:15 AM	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3
07:30 AM	0	2	1	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	4
07:45 AM	0	1	1	1	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	3	4
Total	0	6	3	1	9	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	1	13	14
08:00 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
08:15 AM	0	3	1	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	8	8
08:30 AM	0	1	0	0	1	0	1	0	0	1	0	5	0	0	5	1	0	0	0	1	0	0	0	0	1	0	8	8
08:45 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3
Total	0	6	2	0	8	0	1	0	0	1	0	10	0	0	10	1	0	0	0	1	0	0	0	0	1	0	20	20
Grand Total	0	12	5	1	17	0	1	0	0	1	0	14	0	0	14	1	0	0	0	1	1	0	0	0	1	1	33	34
Apprch %	0	70.6	29.4			0	100	0			0	100	0			100	0	0										
Total %	0	36.4	15.2		51.5	0	3	0		3	0	42.4	0		42.4	3	0	0		3	2.9					97.1		

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	0
07:15 AM	0	1	1	2	0	0	0	0	0	1	0	1	0	0	0	0	0
07:30 AM	0	2	1	3	0	0	0	0	0	1	0	1	0	0	0	0	0
07:45 AM	0	1	1	2	0	0	0	0	0	1	0	1	0	0	0	0	0
Total Volume	0	6	3	9	0	0	0	0	0	4	0	4	0	0	0	0	13
% App. Total	0	66.7	33.3		0	0	0		0	100	0		0	0	0		
PHF	.000	.750	.750	.750	.000	.000	.000	.000	.000	1.00	.000	1.00	.000	.000	.000	.000	.813



City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

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 Site Code : 05120169
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Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	07:00 AM				07:00 AM				07:00 AM				07:00 AM				
+0 mins.	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	
+15 mins.	0	1	1	2	0	0	0	0	0	1	0	1	0	0	0	0	
+30 mins.	0	2	1	3	0	0	0	0	0	1	0	1	0	0	0	0	
+45 mins.	0	1	1	2	0	0	0	0	0	1	0	1	0	0	0	0	
Total Volume	0	6	3	9	0	0	0	0	0	4	0	4	0	0	0	0	
% App. Total	0	66.7	33.3		0	0	0		0	100	0		0	0	0		
PHF	.000	.750	.750	.750	.000	.000	.000	.000	.000	1.000	.000	1.000	.000	.000	.000	.000	

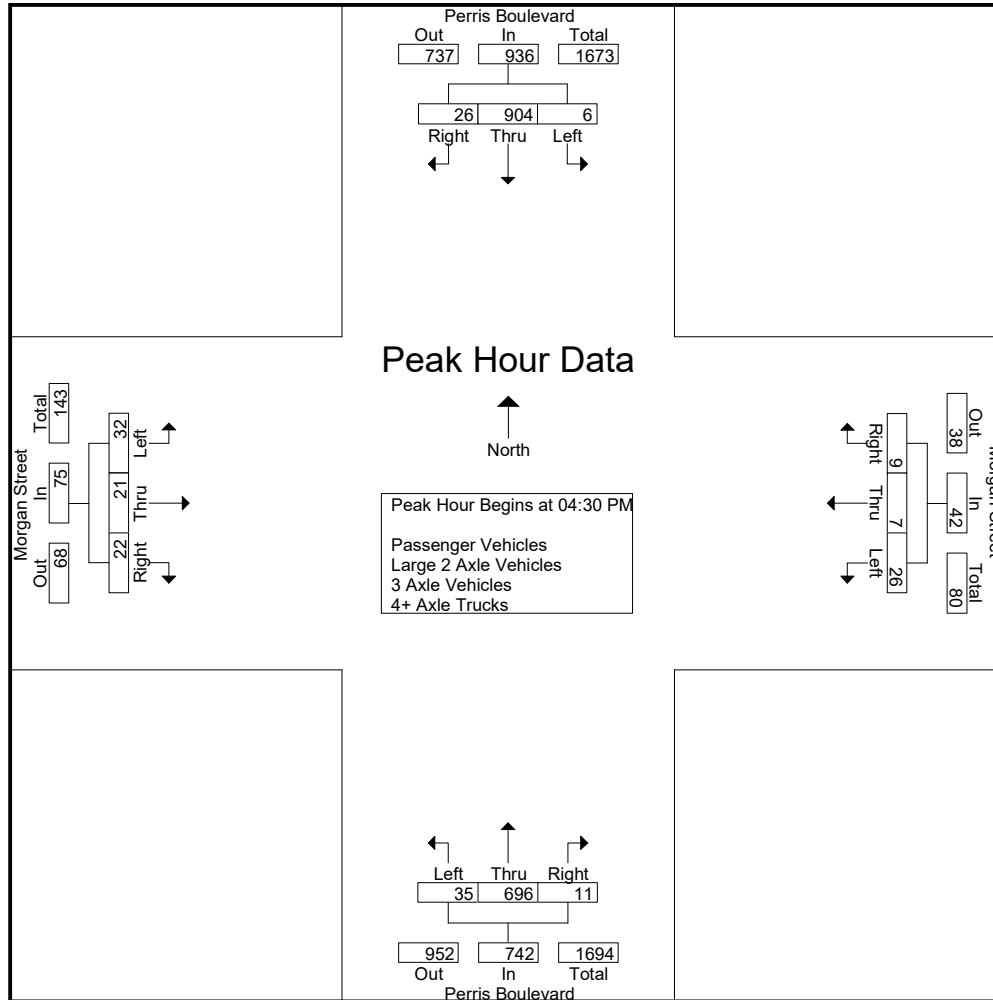
City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Perris Boulevard Southbound					Morgan Street Westbound					Perris Boulevard Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	2	195	3	1	200	8	3	5	1	16	7	175	4	0	186	16	4	16	10	36	12	438	450
04:15 PM	4	206	6	0	216	8	1	1	1	10	3	172	5	0	180	4	4	8	6	16	7	422	429
04:30 PM	2	210	2	2	214	9	5	4	4	18	15	185	3	1	203	14	4	5	2	23	9	458	467
04:45 PM	3	230	12	1	245	5	0	3	3	8	8	187	1	0	196	10	6	9	7	25	11	474	485
Total	11	841	23	4	875	30	9	13	9	52	33	719	13	1	765	44	18	38	25	100	39	1792	1831
05:00 PM	1	228	7	1	236	7	0	1	1	8	7	154	4	0	165	5	6	6	5	17	7	426	433
05:15 PM	0	236	5	2	241	5	2	1	1	8	5	170	3	1	178	3	5	2	2	10	6	437	443
05:30 PM	1	189	2	0	192	5	1	2	1	8	6	186	3	1	195	5	1	1	0	7	2	402	404
05:45 PM	3	201	2	0	206	6	1	3	2	10	14	156	5	2	175	6	4	2	1	12	5	403	408
Total	5	854	16	3	875	23	4	7	5	34	32	666	15	4	713	19	16	11	8	46	20	1668	1688
Grand Total	16	1695	39	7	1750	53	13	20	14	86	65	1385	28	5	1478	63	34	49	33	146	59	3460	3519
Apprch %	0.9	96.9	2.2			61.6	15.1	23.3			4.4	93.7	1.9			43.2	23.3	33.6					
Total %	0.5	49	1.1		50.6	1.5	0.4	0.6		2.5	1.9	40	0.8		42.7	1.8	1	1.4		4.2	1.7	98.3	
Passenger Vehicles	16	1663	35		1720	50	13	19		95	65	1369	27		1466	57	34	49		173	0	0	3454
% Passenger Vehicles	100	98.1	89.7	85.7	97.9	94.3	100	95	92.9	95	100	98.8	96.4	100	98.9	90.5	100	100	100	96.6	0	0	98.2
Large 2 Axle Vehicles	0	26	3		29	2	0	0		2	0	13	1		14	0	0	0		0	0	0	45
% Large 2 Axle Vehicles	0	1.5	7.7	0	1.7	3.8	0	0	0	2	0	0.9	3.6	0	0.9	0	0	0	0	0	0	0	1.3
3 Axle Vehicles	0	5	0		5	1	0	0		1	0	1	0		1	0	0	0		0	0	0	7
% 3 Axle Vehicles	0	0.3	0	0	0.3	1.9	0	0	0	1	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0.2
4+ Axle Trucks	0	1	1		3	0	0	1		2	0	2	0		2	6	0	0		6	0	0	13
% 4+ Axle Trucks	0	0.1	2.6	14.3	0.2	0	0	5	7.1	2	0	0.1	0	0	0.1	9.5	0	0	0	3.4	0	0	0.4

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	2	210	2	214	9	5	4	18	15	185	3	203	14	4	5	23	458
04:45 PM	3	230	12	245	5	0	3	8	8	187	1	196	10	6	9	25	474
05:00 PM	1	228	7	236	7	0	1	8	7	154	4	165	5	6	6	17	426
05:15 PM	0	236	5	241	5	2	1	8	5	170	3	178	3	5	2	10	437
Total Volume	6	904	26	936	26	7	9	42	35	696	11	742	32	21	22	75	1795
% App. Total	0.6	96.6	2.8		61.9	16.7	21.4		4.7	93.8	1.5		42.7	28	29.3		
PHF	.500	.958	.542	.955	.722	.350	.563	.583	.583	.930	.688	.914	.571	.875	.611	.750	.947



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Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:00 PM				04:00 PM				04:00 PM				
+0 mins.	2	210	2	214	8	3	5	16	7	175	4	186	16	4	16	36	
+15 mins.	3	230	12	245	8	1	1	10	3	172	5	180	4	4	8	16	
+30 mins.	1	228	7	236	9	5	4	18	15	185	3	203	14	4	5	23	
+45 mins.	0	236	5	241	5	0	3	8	8	187	1	196	10	6	9	25	
Total Volume	6	904	26	936	30	9	13	52	33	719	13	765	44	18	38	100	
% App. Total	0.6	96.6	2.8		57.7	17.3	25		4.3	94	1.7		44	18	38		
PHF	.500	.958	.542	.955	.833	.450	.650	.722	.550	.961	.650	.942	.688	.750	.594	.694	

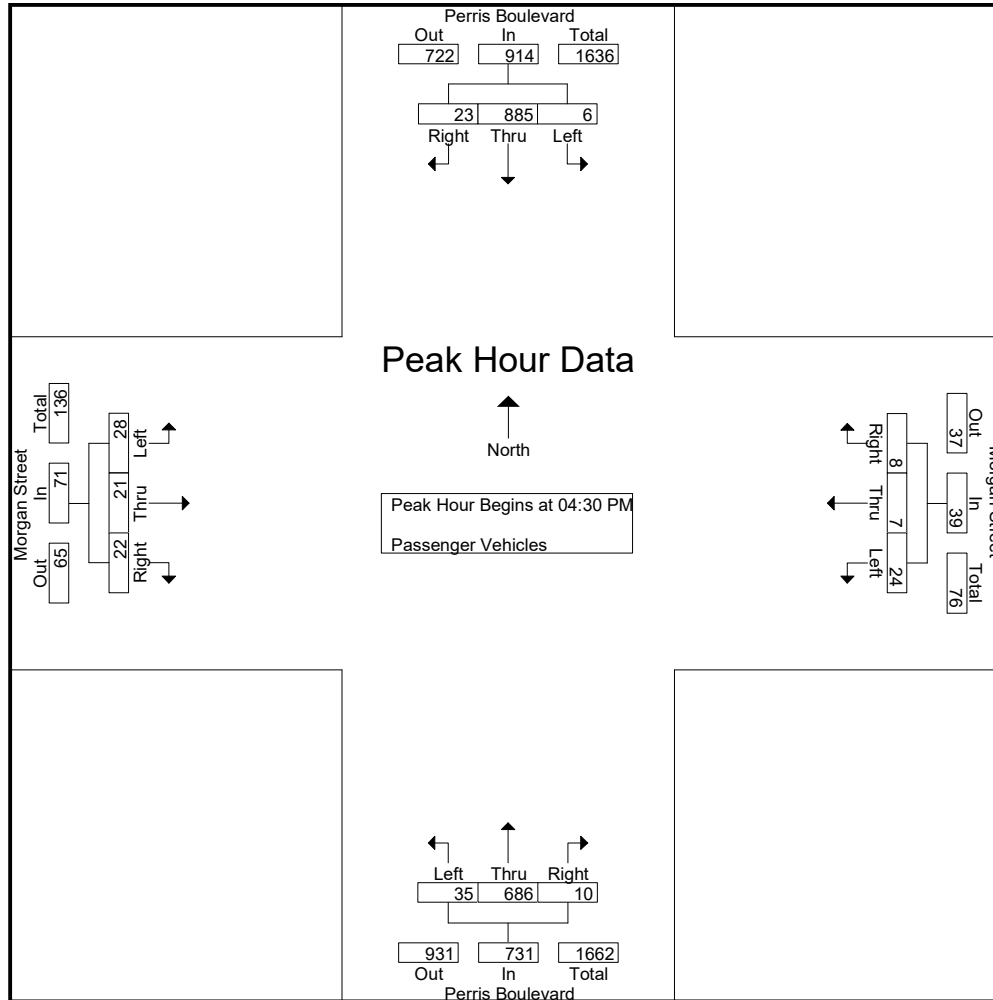
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Groups Printed- Passenger Vehicles

Start Time	Perris Boulevard Southbound					Morgan Street Westbound					Perris Boulevard Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total			
04:00 PM	2	190	2	1	194	8	3	5	1	16	7	174	4	0	185	15	4	16	10	35	12	430	442
04:15 PM	4	203	6	0	213	7	1	1	1	9	3	169	5	0	177	4	4	8	6	16	7	415	422
04:30 PM	2	206	2	2	210	8	5	3	3	16	15	181	3	1	199	14	4	5	2	23	8	448	456
04:45 PM	3	223	12	1	238	5	0	3	3	8	8	185	1	0	194	7	6	9	7	22	11	462	473
Total	11	822	22	4	855	28	9	12	8	49	33	709	13	1	755	40	18	38	25	96	38	1755	1793
05:00 PM	1	223	7	1	231	6	0	1	1	7	7	152	4	0	163	4	6	6	5	16	7	417	424
05:15 PM	0	233	2	1	235	5	2	1	1	8	5	168	2	1	175	3	5	2	2	10	5	428	433
05:30 PM	1	186	2	0	189	5	1	2	1	8	6	185	3	1	194	5	1	1	0	7	2	398	400
05:45 PM	3	199	2	0	204	6	1	3	2	10	14	155	5	2	174	5	4	2	1	11	5	399	404
Total	5	841	13	2	859	22	4	7	5	33	32	660	14	4	706	17	16	11	8	44	19	1642	1661
Grand Total	16	1663	35	6	1714	50	13	19	13	82	65	1369	27	5	1461	57	34	49	33	140	57	3397	3454
Apprch %	0.9	97	2			61	15.9	23.2			4.4	93.7	1.8			40.7	24.3	35					
Total %	0.5	49	1		50.5	1.5	0.4	0.6		2.4	1.9	40.3	0.8		43	1.7	1	1.4		4.1	1.7	98.3	

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	2	206	2	210	8	5	3	16	15	181	3	199	14	4	5	23	448
04:45 PM	3	223	12	238	5	0	3	8	8	185	1	194	7	6	9	22	462
05:00 PM	1	223	7	231	6	0	1	7	7	152	4	163	4	6	6	16	417
05:15 PM	0	233	2	235	5	2	1	8	5	168	2	175	3	5	2	10	428
Total Volume	6	885	23	914	24	7	8	39	35	686	10	731	28	21	22	71	1755
% App. Total	0.7	96.8	2.5		61.5	17.9	20.5		4.8	93.8	1.4		39.4	29.6	31		
PHF	.500	.950	.479	.960	.750	.350	.667	.609	.583	.927	.625	.918	.500	.875	.611	.772	.950



City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 3

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	2	206	2	210	8	5	3	16	15	181	3	199	14	4	5	23	
+15 mins.	3	223	12	238	5	0	3	8	8	185	1	194	7	6	9	22	
+30 mins.	1	223	7	231	6	0	1	7	7	152	4	163	4	6	6	16	
+45 mins.	0	233	2	235	5	2	1	8	5	168	2	175	3	5	2	10	
Total Volume	6	885	23	914	24	7	8	39	35	686	10	731	28	21	22	71	
% App. Total	0.7	96.8	2.5		61.5	17.9	20.5		4.8	93.8	1.4		39.4	29.6	31		
PHF	.500	.950	.479	.960	.750	.350	.667	.609	.583	.927	.625	.918	.500	.875	.611	.772	

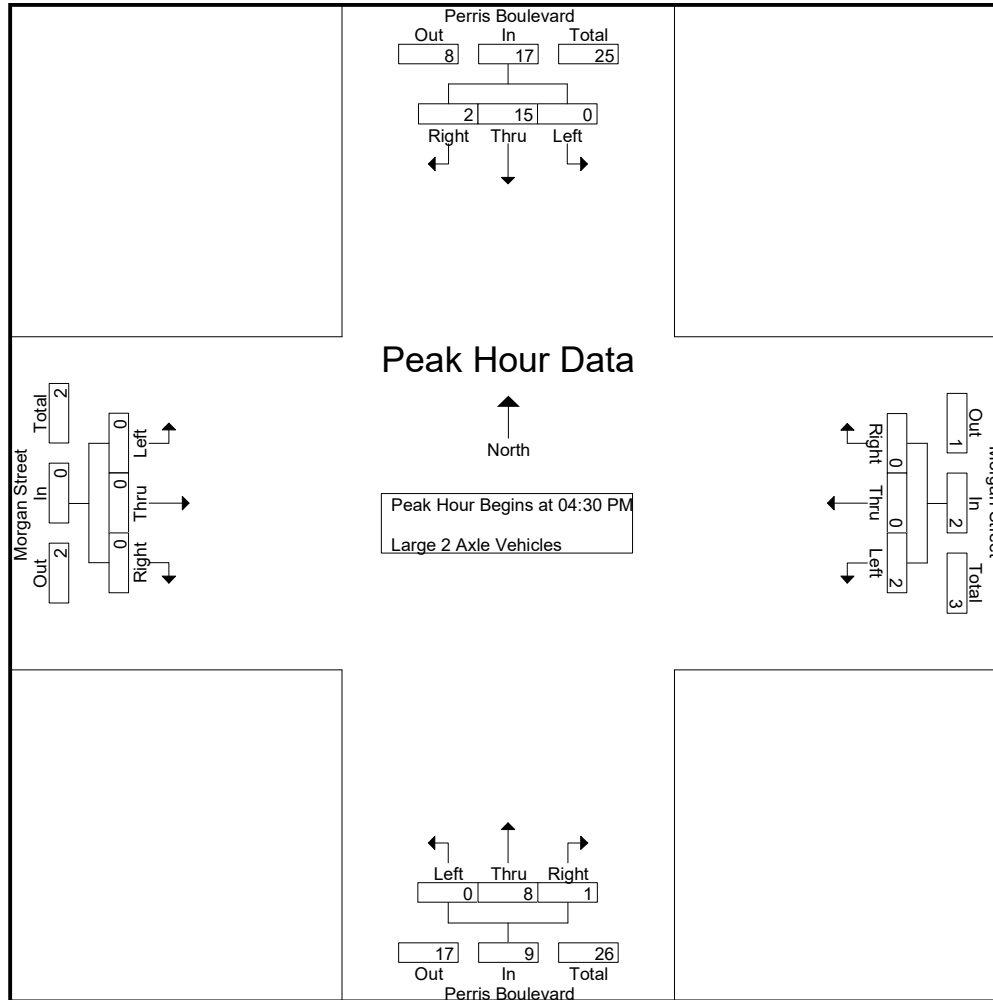
City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

Groups Printed- Large 2 Axle Vehicles

Start Time	Perris Boulevard Southbound					Morgan Street Westbound					Perris Boulevard Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	3	1	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5	5
04:15 PM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	5
04:30 PM	0	3	0	0	3	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	7	7
04:45 PM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	6
Total	0	14	1	0	15	1	0	0	0	1	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	23	23
05:00 PM	0	4	0	0	4	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7	7
05:15 PM	0	3	2	0	5	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	8	8
05:30 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	4
05:45 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3
Total	0	12	2	0	14	1	0	0	0	1	0	6	1	0	7	0	0	0	0	0	0	0	0	0	0	0	22	22
Grand Total	0	26	3	0	29	2	0	0	0	2	0	13	1	0	14	0	0	0	0	0	0	0	0	0	0	0	45	45
Apprch %	0	89.7	10.3			100	0	0			0	92.9	7.1			0	0	0										
Total %	0	57.8	6.7		64.4	4.4	0	0		4.4	0	28.9	2.2		31.1	0	0	0			0	0	0			0	100	

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	3	0	3	1	0	0	1	0	3	0	3	0	0	0	0	7
04:45 PM	0	5	0	5	0	0	0	0	0	1	0	1	0	0	0	0	6
05:00 PM	0	4	0	4	1	0	0	1	0	2	0	2	0	0	0	0	7
05:15 PM	0	3	2	5	0	0	0	0	0	2	1	3	0	0	0	0	8
Total Volume	0	15	2	17	2	0	0	2	0	8	1	9	0	0	0	0	28
% App. Total	0	88.2	11.8		100	0	0		0	88.9	11.1		0	0	0		
PHF	.000	.750	.250	.850	.500	.000	.000	.500	.000	.667	.250	.750	.000	.000	.000	.000	.875



Counts Unlimited
 PO Box 1178
 Corona, CA 92878
 (951) 268-6268

City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 3

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	3	0	3	1	0	0	1	0	3	0	3	0	0	0	0	
+15 mins.	0	5	0	5	0	0	0	0	0	1	0	1	0	0	0	0	
+30 mins.	0	4	0	4	1	0	0	1	0	2	0	2	0	0	0	0	
+45 mins.	0	3	2	5	0	0	0	0	0	2	1	3	0	0	0	0	
Total Volume	0	15	2	17	2	0	0	2	0	8	1	9	0	0	0	0	
% App. Total	0	88.2	11.8		100	0	0		0	88.9	11.1		0	0	0		
PHF	.000	.750	.250	.850	.500	.000	.000	.500	.000	.667	.250	.750	.000	.000	.000	.000	

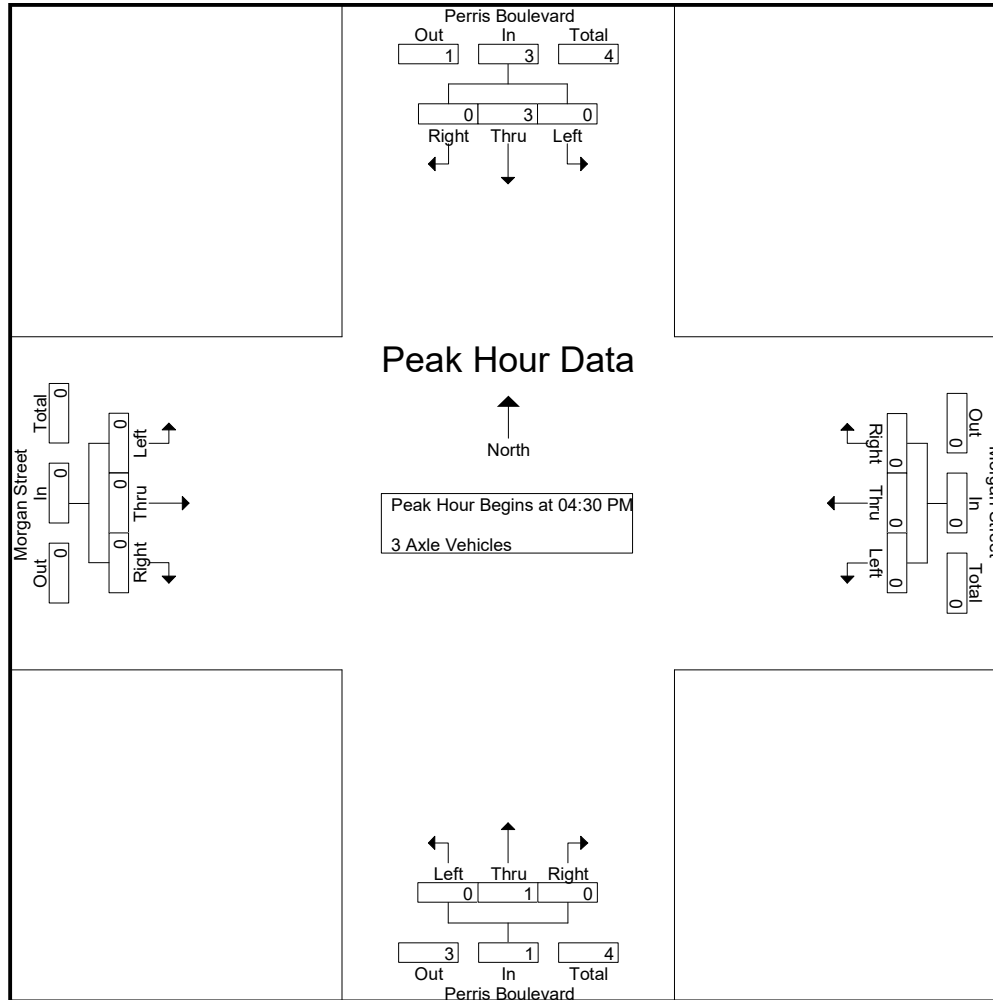
City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

Groups Printed- 3 Axle Vehicles

Start Time	Perris Boulevard Southbound					Morgan Street Westbound					Perris Boulevard Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total					
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total								
04:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
04:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Total	0	4	0	0	4	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	6
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total	0	5	0	0	5	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	7	7
Apprch %	0	100	0			100	0	0			0	100	0			0	0	0			0	0	0			0		
Total %	0	71.4	0		71.4	14.3	0	0		14.3	0	14.3	0		14.3	0	0	0			0	0	0			0	100	

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:45 PM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	4
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.375	.000	.375	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.500



City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 3

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	
+15 mins.	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
+30 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Volume	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.375	.000	.375	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	

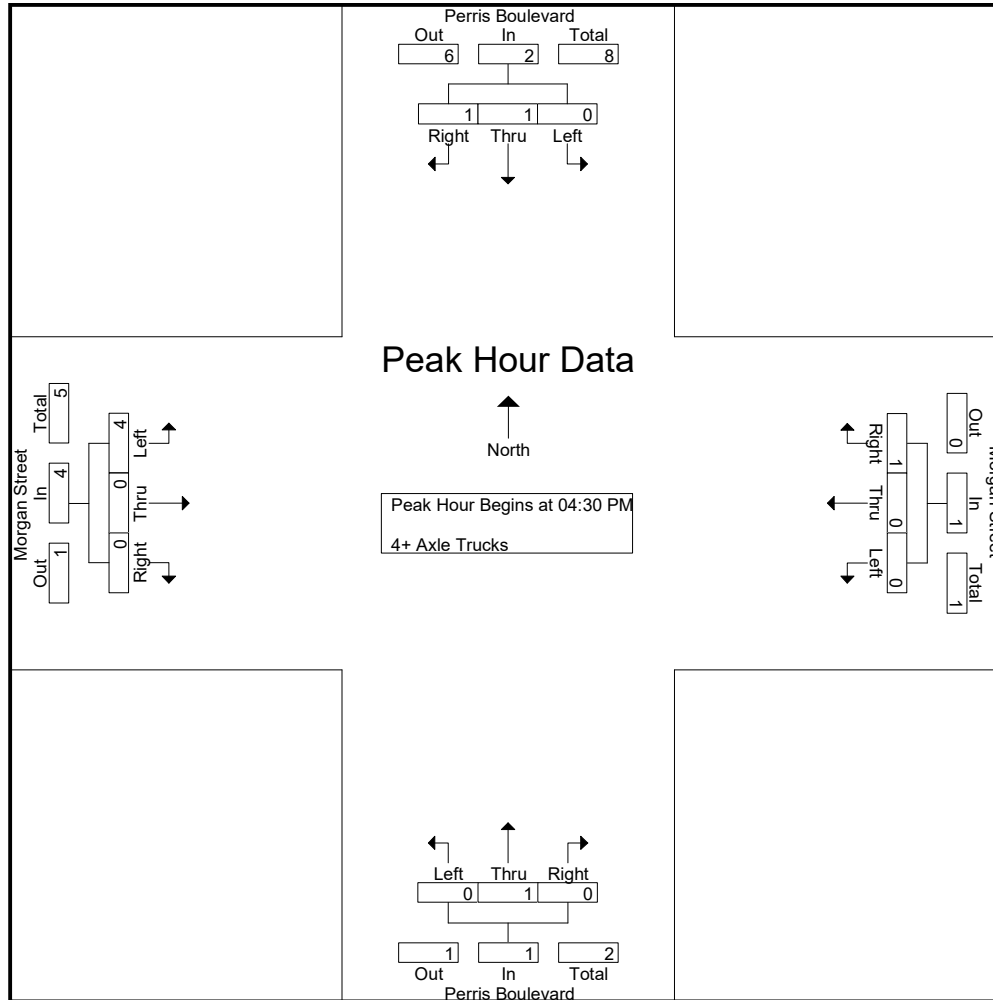
City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 1

Groups Printed- 4+ Axle Trucks

Start Time	Perris Boulevard Southbound					Morgan Street Westbound					Perris Boulevard Northbound					Morgan Street Eastbound					Exclu. Total	Inclu. Total	Int. Total						
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total									
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
04:30 PM	0	1	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	0	0	3	0	0	0	0	0	4	4	4
Total	0	1	0	0	1	0	0	1	1	1	0	2	0	0	2	4	0	0	0	4	1	0	0	0	0	1	8	9	9
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	1
05:15 PM	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	1
Total	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	1	3	4	4
Grand Total	0	1	1	1	2	0	0	1	1	1	0	2	0	0	2	6	0	0	0	6	2	0	0	0	0	2	11	13	13
Apprch %	0	50	50			0	0	100			0	100	0			100	0	0											
Total %	0	9.1	9.1		18.2	0	0	9.1		9.1	0	18.2	0		18.2	54.5	0	0		54.5	15.4					15.4	84.6		84.6

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	3	0	0	3	4
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
05:15 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	1	1	2	0	0	1	1	0	1	0	1	4	0	0	4	8
% App. Total	0	50	50		0	0	100		0	100	0		100	0	0		
PHF	.000	.250	.250	.500	.000	.000	.250	.250	.000	.250	.000	.250	.333	.000	.000	.333	.500



Counts Unlimited
 PO Box 1178
 Corona, CA 92878
 (951) 268-6268

City of Perris
 N/S: Perris Boulevard
 E/W: Morgan Street
 Weather: Clear

File Name : 23_PER_Perris_Mor PM
 Site Code : 05120169
 Start Date : 3/11/2020
 Page No : 3

Start Time	Perris Boulevard Southbound				Morgan Street Westbound				Perris Boulevard Northbound				Morgan Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	04:30 PM				04:30 PM				04:30 PM				04:30 PM				
+0 mins.	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	1	0	1	3	0	0	3	3
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
+45 mins.	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	1	2	0	0	1	1	0	1	0	1	4	0	0	4	4
% App. Total	0	50	50		0	0	100		0	100	0		100	0	0		
PHF	.000	.250	.250	.500	.000	.000	.250	.250	.000	.250	.000	.250	.333	.000	.000	.333	.333

Location: Perris
 N/S: Perris Boulevard
 E/W: Morgan Street



Date: 3/11/2020
 Day: Wednesday

PEDESTRIANS

	North Leg Perris Boulevard Pedestrians	East Leg Morgan Street Pedestrians	South Leg Perris Boulevard Pedestrians	West Leg Morgan Street Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	1	0	0	1
8:00 AM	0	0	0	0	0
8:15 AM	1	0	0	0	1
8:30 AM	0	1	0	0	1
8:45 AM	0	0	0	1	1
TOTAL VOLUMES:	1	2	0	1	4

	North Leg Perris Boulevard Pedestrians	East Leg Morgan Street Pedestrians	South Leg Perris Boulevard Pedestrians	West Leg Morgan Street Pedestrians	
4:00 PM	0	2	2	3	7
4:15 PM	0	1	0	0	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	1	1
5:30 PM	1	0	0	0	1
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	1	3	2	4	10

Location: Perris
 N/S: Perris Boulevard
 E/W: Morgan Street



Date: 3/11/2020
 Day: Wednesday

BICYCLES

	Southbound Perris Boulevard			Westbound Morgan Street			Northbound Perris Boulevard			Eastbound Morgan Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

	Southbound Perris Boulevard			Westbound Morgan Street			Northbound Perris Boulevard			Eastbound Morgan Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	2	0	0	0	0	0	1	0	0	0	0	3

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia AM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

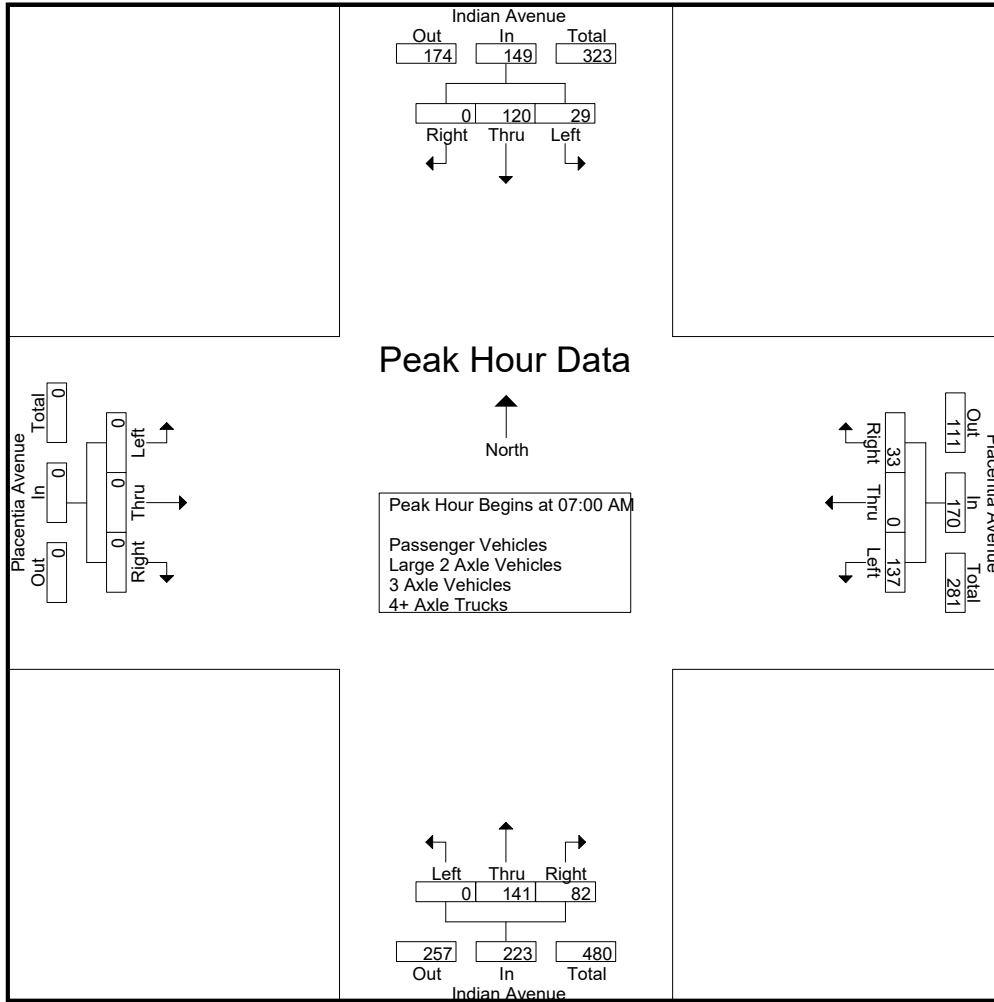
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	5	17	0	22	6	0	10	16	0	30	5	35	0	0	0	0	73
07:15 AM	7	36	0	43	30	0	8	38	0	34	13	47	0	0	0	0	128
07:30 AM	6	41	0	47	51	0	4	55	0	48	29	77	0	0	0	0	179
07:45 AM	11	26	0	37	50	0	11	61	0	29	35	64	0	0	0	0	162
Total	29	120	0	149	137	0	33	170	0	141	82	223	0	0	0	0	542
08:00 AM	10	19	0	29	8	0	6	14	0	15	8	23	0	0	0	0	66
08:15 AM	5	5	0	10	5	0	4	9	0	23	4	27	0	0	0	0	46
08:30 AM	7	14	0	21	6	0	2	8	0	20	4	24	0	0	0	0	53
08:45 AM	2	13	0	15	2	0	9	11	0	14	1	15	0	0	0	0	41
Total	24	51	0	75	21	0	21	42	0	72	17	89	0	0	0	0	206
Grand Total	53	171	0	224	158	0	54	212	0	213	99	312	0	0	0	0	748
Apprch %	23.7	76.3	0		74.5	0	25.5		0	68.3	31.7		0	0	0		
Total %	7.1	22.9	0	29.9	21.1	0	7.2	28.3	0	28.5	13.2	41.7	0	0	0	0	
Passenger Vehicles	49	161	0	210	158	0	50	208	0	206	99	305	0	0	0	0	723
% Passenger Vehicles	92.5	94.2	0	93.8	100	0	92.6	98.1	0	96.7	100	97.8	0	0	0	0	96.7
Large 2 Axle Vehicles	3	8	0	11	0	0	3	3	0	6	0	6	0	0	0	0	20
% Large 2 Axle Vehicles	5.7	4.7	0	4.9	0	0	5.6	1.4	0	2.8	0	1.9	0	0	0	0	2.7
3 Axle Vehicles	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
% 3 Axle Vehicles	0	0.6	0	0.4	0	0	0	0	0	0.5	0	0.3	0	0	0	0	0.3
4+ Axle Trucks	1	1	0	2	0	0	1	1	0	0	0	0	0	0	0	0	3
% 4+ Axle Trucks	1.9	0.6	0	0.9	0	0	1.9	0.5	0	0	0	0	0	0	0	0	0.4

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	5	17	0	22	6	0	10	16	0	30	5	35	0	0	0	0	73
07:15 AM	7	36	0	43	30	0	8	38	0	34	13	47	0	0	0	0	128
07:30 AM	6	41	0	47	51	0	4	55	0	48	29	77	0	0	0	0	179
07:45 AM	11	26	0	37	50	0	11	61	0	29	35	64	0	0	0	0	162
Total Volume	29	120	0	149	137	0	33	170	0	141	82	223	0	0	0	0	542
% App. Total	19.5	80.5	0		80.6	0	19.4		0	63.2	36.8		0	0	0		
PHF	.659	.732	.000	.793	.672	.000	.750	.697	.000	.734	.586	.724	.000	.000	.000	.000	.757

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

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Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:15 AM				07:00 AM				07:00 AM				07:00 AM			
+0 mins.	7	36	0	43	6	0	10	16	0	30	5	35	0	0	0	0
+15 mins.	6	41	0	47	30	0	8	38	0	34	13	47	0	0	0	0
+30 mins.	11	26	0	37	51	0	4	55	0	48	29	77	0	0	0	0
+45 mins.	10	19	0	29	50	0	11	61	0	29	35	64	0	0	0	0
Total Volume	34	122	0	156	137	0	33	170	0	141	82	223	0	0	0	0
% App. Total	21.8	78.2	0		80.6	0	19.4		0	63.2	36.8		0	0	0	
PHF	.773	.744	.000	.830	.672	.000	.750	.697	.000	.734	.586	.724	.000	.000	.000	.000

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia AM
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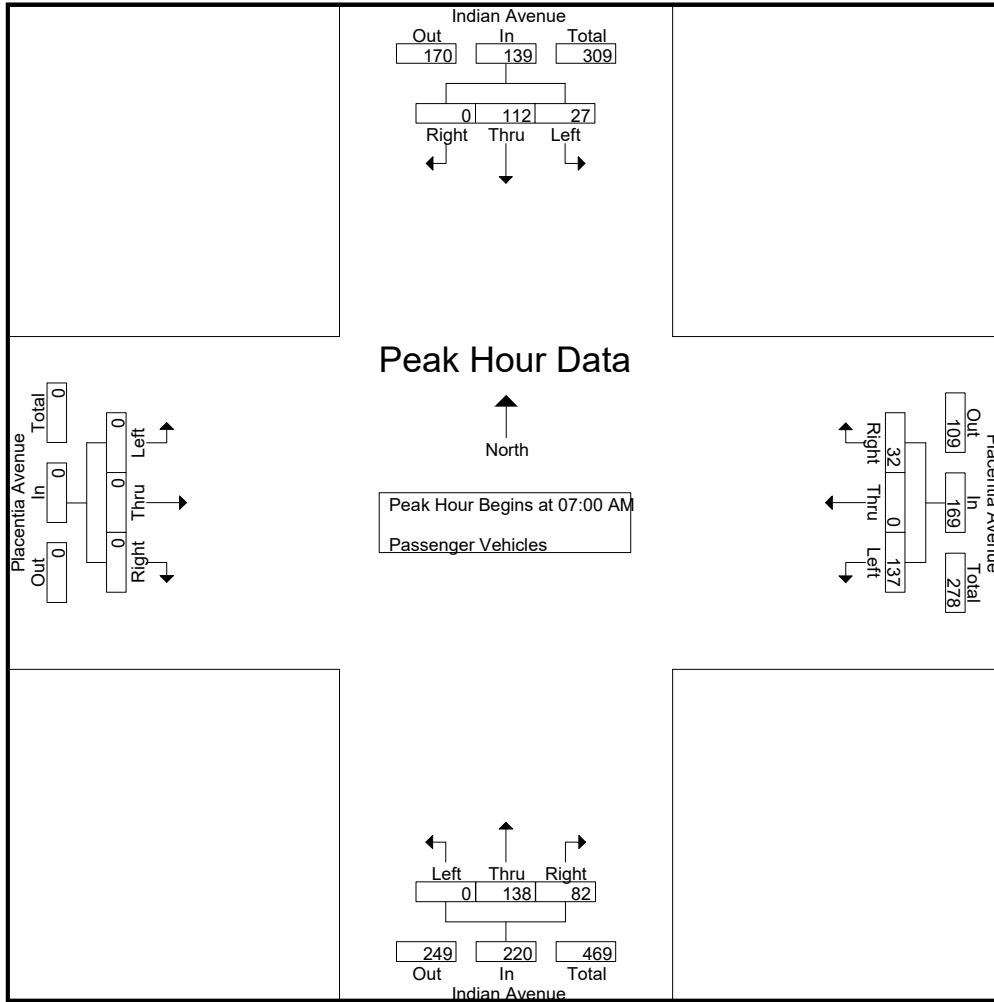
Groups Printed- Passenger Vehicles

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	5	15	0	20	6	0	9	15	0	28	5	33	0	0	0	0	68
07:15 AM	7	35	0	42	30	0	8	38	0	34	13	47	0	0	0	0	127
07:30 AM	5	38	0	43	51	0	4	55	0	47	29	76	0	0	0	0	174
07:45 AM	10	24	0	34	50	0	11	61	0	29	35	64	0	0	0	0	159
Total	27	112	0	139	137	0	32	169	0	138	82	220	0	0	0	0	528
08:00 AM	9	18	0	27	8	0	5	13	0	15	8	23	0	0	0	0	63
08:15 AM	4	5	0	9	5	0	4	9	0	23	4	27	0	0	0	0	45
08:30 AM	7	13	0	20	6	0	2	8	0	18	4	22	0	0	0	0	50
08:45 AM	2	13	0	15	2	0	7	9	0	12	1	13	0	0	0	0	37
Total	22	49	0	71	21	0	18	39	0	68	17	85	0	0	0	0	195
Grand Total	49	161	0	210	158	0	50	208	0	206	99	305	0	0	0	0	723
Apprch %	23.3	76.7	0		76	0	24		0	67.5	32.5		0	0	0		
Total %	6.8	22.3	0	29	21.9	0	6.9	28.8	0	28.5	13.7	42.2	0	0	0	0	

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	5	15	0	20	6	0	9	15	0	28	5	33	0	0	0	0	68
07:15 AM	7	35	0	42	30	0	8	38	0	34	13	47	0	0	0	0	127
07:30 AM	5	38	0	43	51	0	4	55	0	47	29	76	0	0	0	0	174
07:45 AM	10	24	0	34	50	0	11	61	0	29	35	64	0	0	0	0	159
Total Volume	27	112	0	139	137	0	32	169	0	138	82	220	0	0	0	0	528
% App. Total	19.4	80.6	0		81.1	0	18.9		0	62.7	37.3		0	0	0		
PHF	.675	.737	.000	.808	.672	.000	.727	.693	.000	.734	.586	.724	.000	.000	.000	.000	.759

City of Perris
 N/S: Indian Avenue
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Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:00 AM				07:00 AM				07:00 AM				07:00 AM			
+0 mins.	5	15	0	20	6	0	9	15	0	28	5	33	0	0	0	0
+15 mins.	7	35	0	42	30	0	8	38	0	34	13	47	0	0	0	0
+30 mins.	5	38	0	43	51	0	4	55	0	47	29	76	0	0	0	0
+45 mins.	10	24	0	34	50	0	11	61	0	29	35	64	0	0	0	0
Total Volume	27	112	0	139	137	0	32	169	0	138	82	220	0	0	0	0
% App. Total	19.4	80.6	0		81.1	0	18.9		0	62.7	37.3		0	0	0	
PHF	.675	.737	.000	.808	.672	.000	.727	.693	.000	.734	.586	.724	.000	.000	.000	.000

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

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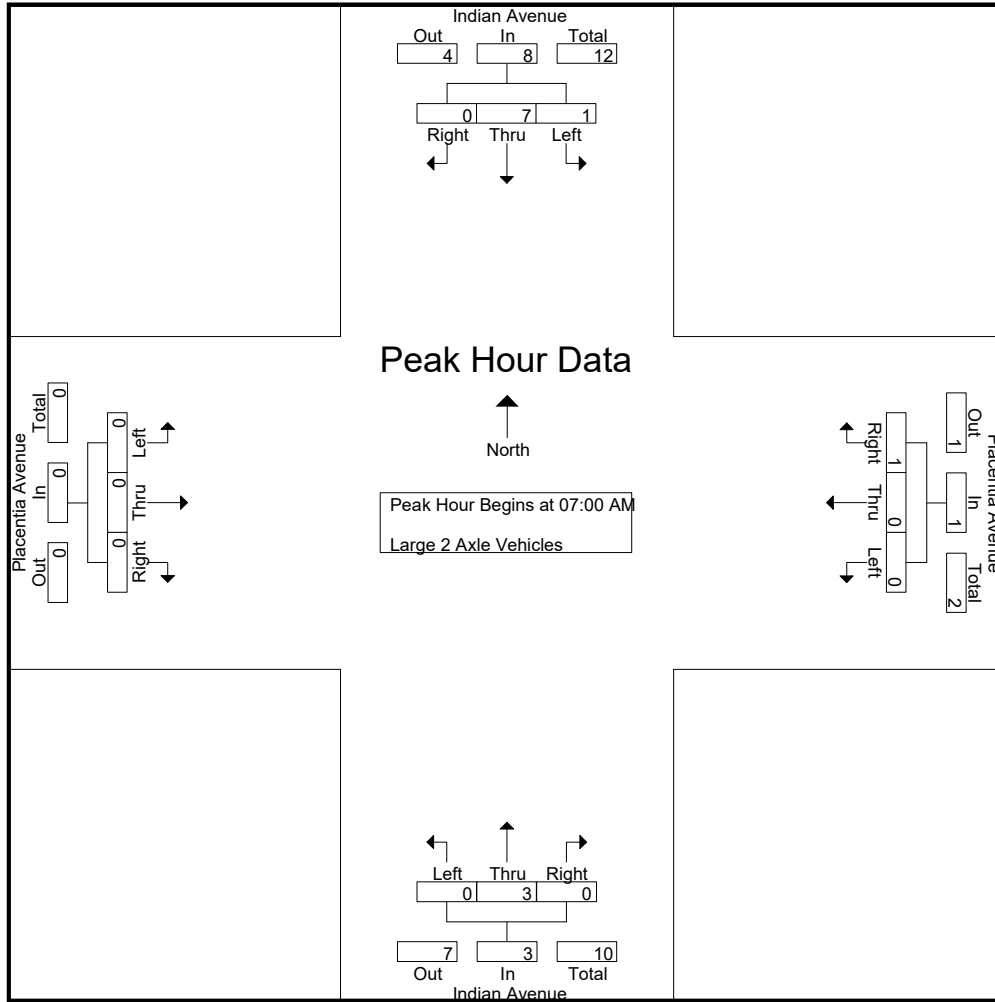
Groups Printed- Large 2 Axle Vehicles

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	2	0	2	0	0	1	1	0	2	0	2	0	0	0	0	5
07:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:30 AM	1	2	0	3	0	0	0	0	0	1	0	1	0	0	0	0	4
07:45 AM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	1	7	0	8	0	0	1	1	0	3	0	3	0	0	0	0	12
08:00 AM	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2
08:15 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:30 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
08:45 AM	0	0	0	0	0	0	1	1	0	2	0	2	0	0	0	0	3
Total	2	1	0	3	0	0	2	2	0	3	0	3	0	0	0	0	8
Grand Total	3	8	0	11	0	0	3	3	0	6	0	6	0	0	0	0	20
Apprch %	27.3	72.7	0		0	0	100		0	100	0		0	0	0		
Total %	15	40	0	55	0	0	15	15	0	30	0	30	0	0	0	0	

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	2	0	2	0	0	1	1	0	2	0	2	0	0	0	0	5
07:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:30 AM	1	2	0	3	0	0	0	0	0	1	0	1	0	0	0	0	4
07:45 AM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total Volume	1	7	0	8	0	0	1	1	0	3	0	3	0	0	0	0	12
% App. Total	12.5	87.5	0		0	0	100		0	100	0		0	0	0		
PHF	.250	.875	.000	.667	.000	.000	.250	.250	.000	.375	.000	.375	.000	.000	.000	.000	.600

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia AM
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Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:00 AM				07:00 AM				07:00 AM				07:00 AM			
+0 mins.	0	2	0	2	0	0	1	1	0	2	0	2	0	0	0	0
+15 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	1	2	0	3	0	0	0	0	0	1	0	1	0	0	0	0
+45 mins.	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	7	0	8	0	0	1	1	0	3	0	3	0	0	0	0
% App. Total	12.5	87.5	0		0	0	100		0	100	0		0	0	0	
PHF	.250	.875	.000	.667	.000	.000	.250	.250	.000	.375	.000	.375	.000	.000	.000	.000

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia AM
 Site Code : 05119354
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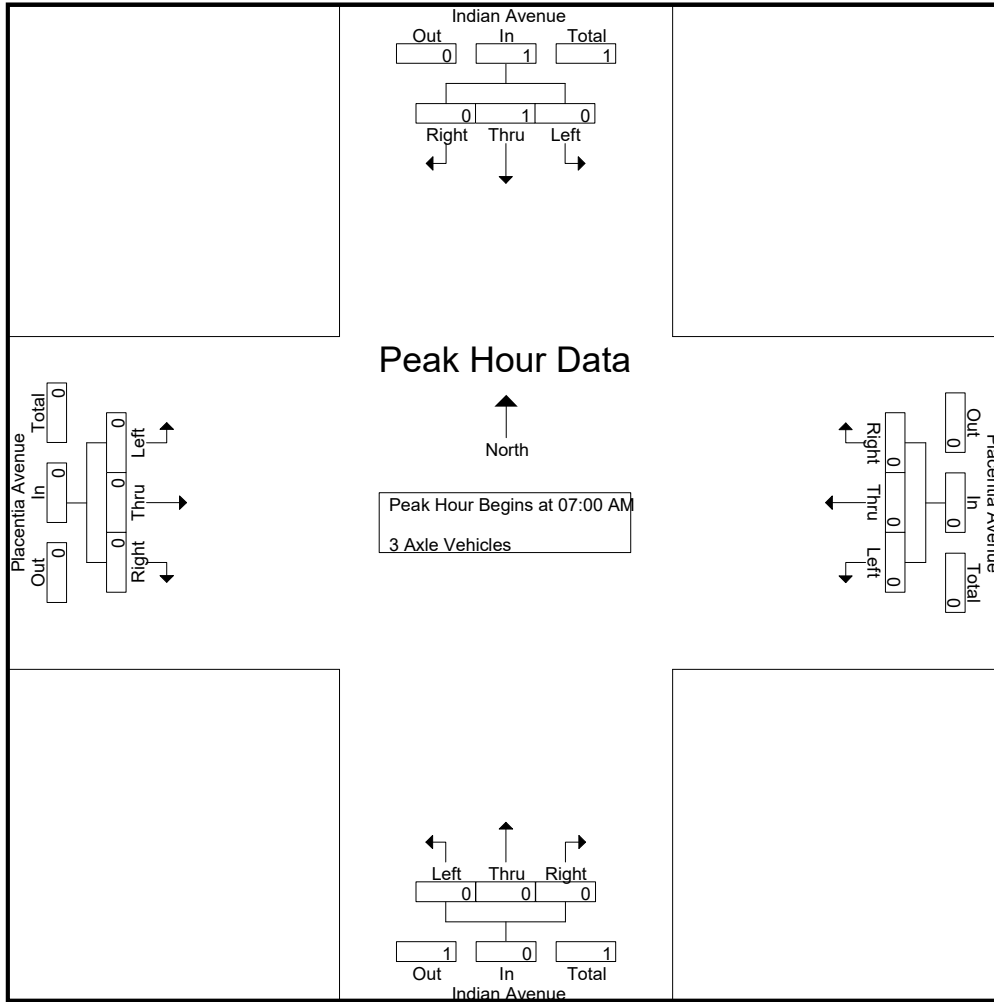
Groups Printed- 3 Axle Vehicles

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Grand Total	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
Apprch %	0	100	0		0	0	0		0	100	0		0	0	0		
Total %	0	50	0	50	0	0	0	0	0	50	0	50	0	0	0	0	

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% App. Total	0	100	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia AM
 Site Code : 05119354
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Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:00 AM				07:00 AM				07:00 AM				07:00 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia AM
 Site Code : 05119354
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 Page No : 1

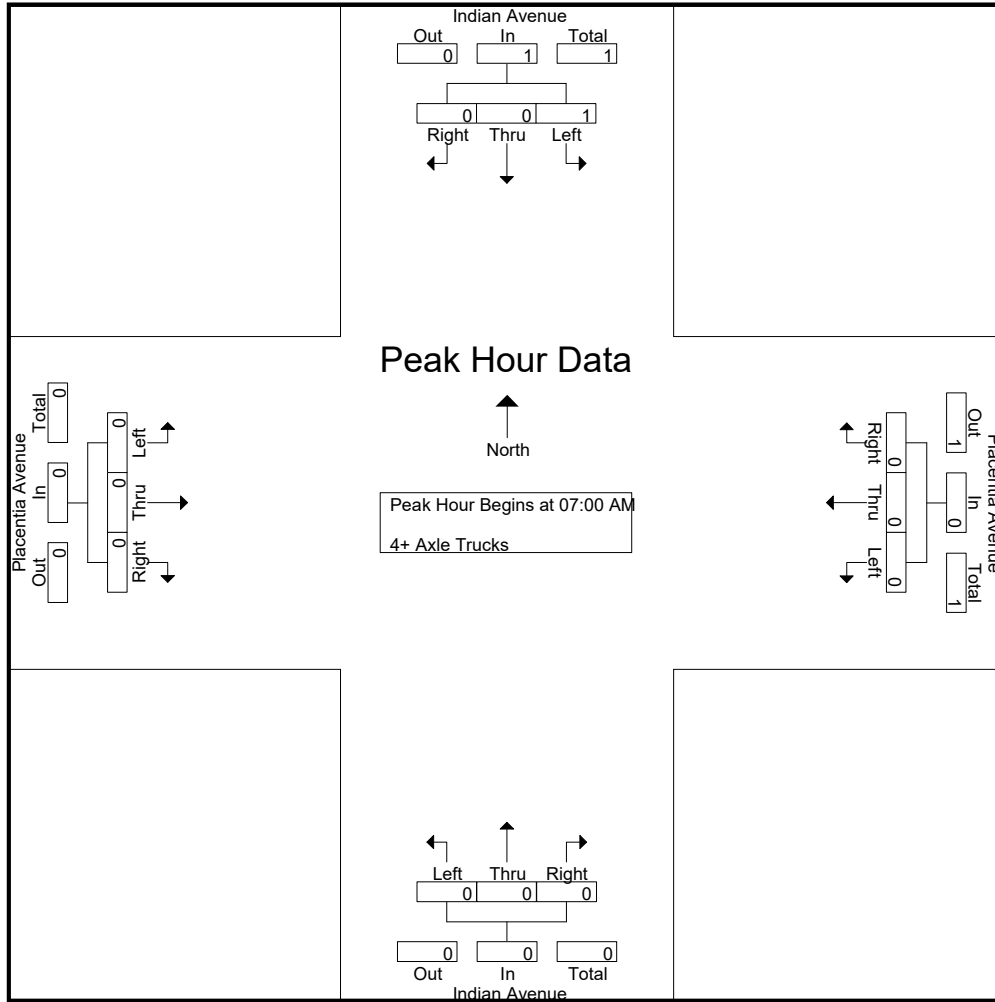
Groups Printed- 4+ Axle Trucks

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Total	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2
Grand Total	1	1	0	2	0	0	1	1	0	0	0	0	0	0	0	0	3
Apprch %	50	50	0		0	0	100		0	0	0		0	0	0		
Total %	33.3	33.3	0	66.7	0	0	33.3	33.3	0	0	0	0	0	0	0	0	

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% App. Total	100	0	0		0	0	0		0	0	0		0	0	0		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia AM
 Site Code : 05119354
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Peak Hour Analysis From 07:00 AM to 07:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:00 AM				07:00 AM				07:00 AM				07:00 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia PM
 Site Code : 05119354
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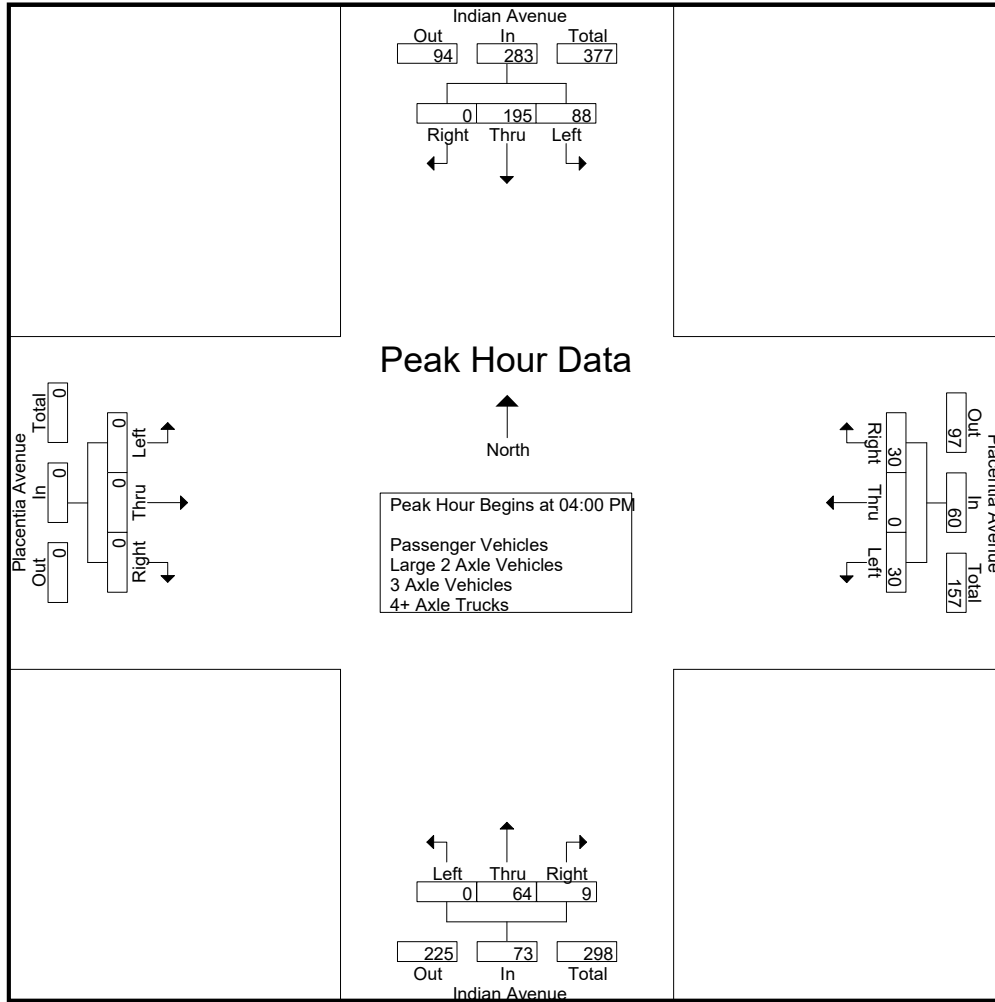
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	21	34	0	55	8	0	6	14	0	14	2	16	0	0	0	0	85
04:15 PM	18	44	0	62	6	0	6	12	0	19	0	19	0	0	0	0	93
04:30 PM	29	72	0	101	10	0	11	21	0	17	6	23	0	0	0	0	145
04:45 PM	20	45	0	65	6	0	7	13	0	14	1	15	0	0	0	0	93
Total	88	195	0	283	30	0	30	60	0	64	9	73	0	0	0	0	416
05:00 PM	14	36	0	50	5	0	2	7	0	9	8	17	0	0	0	0	74
05:15 PM	12	30	1	43	8	0	6	14	0	16	7	23	0	0	0	0	80
05:30 PM	15	54	0	69	5	0	10	15	0	18	8	26	0	0	0	0	110
05:45 PM	16	27	0	43	5	0	4	9	0	15	3	18	0	0	0	0	70
Total	57	147	1	205	23	0	22	45	0	58	26	84	0	0	0	0	334
Grand Total	145	342	1	488	53	0	52	105	0	122	35	157	0	0	0	0	750
Apprch %	29.7	70.1	0.2		50.5	0	49.5		0	77.7	22.3		0	0	0		
Total %	19.3	45.6	0.1	65.1	7.1	0	6.9	14	0	16.3	4.7	20.9	0	0	0	0	
Passenger Vehicles	143	337	1	481	53	0	49	102	0	120	35	155	0	0	0	0	738
% Passenger Vehicles	98.6	98.5	100	98.6	100	0	94.2	97.1	0	98.4	100	98.7	0	0	0	0	98.4
Large 2 Axle Vehicles	0	3	0	3	0	0	2	2	0	2	0	2	0	0	0	0	7
% Large 2 Axle Vehicles	0	0.9	0	0.6	0	0	3.8	1.9	0	1.6	0	1.3	0	0	0	0	0.9
3 Axle Vehicles	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	3
% 3 Axle Vehicles	1.4	0	0	0.4	0	0	1.9	1	0	0	0	0	0	0	0	0	0.4
4+ Axle Trucks	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
% 4+ Axle Trucks	0	0.6	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0.3

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	21	34	0	55	8	0	6	14	0	14	2	16	0	0	0	0	85
04:15 PM	18	44	0	62	6	0	6	12	0	19	0	19	0	0	0	0	93
04:30 PM	29	72	0	101	10	0	11	21	0	17	6	23	0	0	0	0	145
04:45 PM	20	45	0	65	6	0	7	13	0	14	1	15	0	0	0	0	93
Total Volume	88	195	0	283	30	0	30	60	0	64	9	73	0	0	0	0	416
% App. Total	31.1	68.9	0		50	0	50		0	87.7	12.3		0	0	0		
PHF	.759	.677	.000	.700	.750	.000	.682	.714	.000	.842	.375	.793	.000	.000	.000	.000	.717

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

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Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				05:00 PM				04:00 PM			
+0 mins.	21	34	0	55	8	0	6	14	0	9	8	17	0	0	0	0
+15 mins.	18	44	0	62	6	0	6	12	0	16	7	23	0	0	0	0
+30 mins.	29	72	0	101	10	0	11	21	0	18	8	26	0	0	0	0
+45 mins.	20	45	0	65	6	0	7	13	0	15	3	18	0	0	0	0
Total Volume	88	195	0	283	30	0	30	60	0	58	26	84	0	0	0	0
% App. Total	31.1	68.9	0		50	0	50		0	69	31		0	0	0	
PHF	.759	.677	.000	.700	.750	.000	.682	.714	.000	.806	.813	.808	.000	.000	.000	.000

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 1

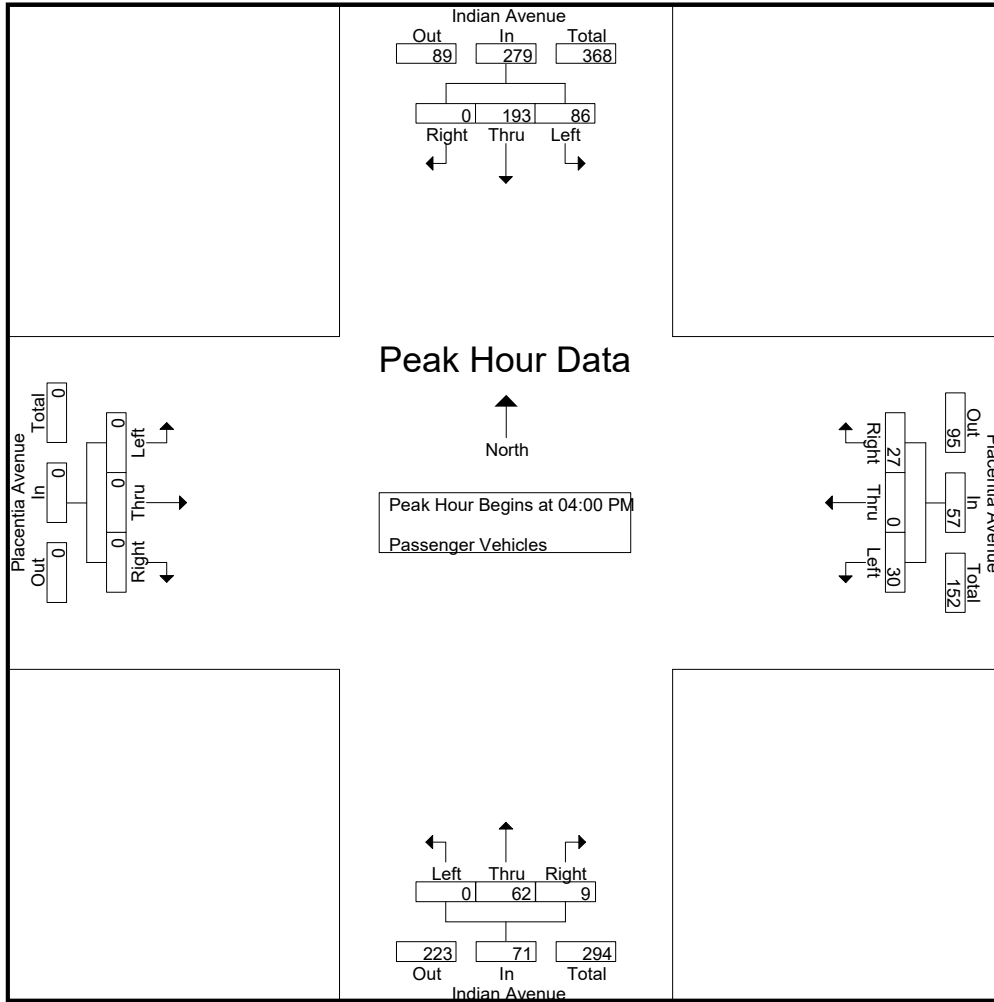
Groups Printed- Passenger Vehicles

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	21	34	0	55	8	0	5	13	0	14	2	16	0	0	0	0	84
04:15 PM	18	44	0	62	6	0	5	11	0	19	0	19	0	0	0	0	92
04:30 PM	27	71	0	98	10	0	10	20	0	16	6	22	0	0	0	0	140
04:45 PM	20	44	0	64	6	0	7	13	0	13	1	14	0	0	0	0	91
Total	86	193	0	279	30	0	27	57	0	62	9	71	0	0	0	0	407
05:00 PM	14	35	0	49	5	0	2	7	0	9	8	17	0	0	0	0	73
05:15 PM	12	29	1	42	8	0	6	14	0	16	7	23	0	0	0	0	79
05:30 PM	15	54	0	69	5	0	10	15	0	18	8	26	0	0	0	0	110
05:45 PM	16	26	0	42	5	0	4	9	0	15	3	18	0	0	0	0	69
Total	57	144	1	202	23	0	22	45	0	58	26	84	0	0	0	0	331
Grand Total	143	337	1	481	53	0	49	102	0	120	35	155	0	0	0	0	738
Apprch %	29.7	70.1	0.2		52	0	48		0	77.4	22.6		0	0	0		
Total %	19.4	45.7	0.1	65.2	7.2	0	6.6	13.8	0	16.3	4.7	21	0	0	0	0	

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	21	34	0	55	8	0	5	13	0	14	2	16	0	0	0	0	84
04:15 PM	18	44	0	62	6	0	5	11	0	19	0	19	0	0	0	0	92
04:30 PM	27	71	0	98	10	0	10	20	0	16	6	22	0	0	0	0	140
04:45 PM	20	44	0	64	6	0	7	13	0	13	1	14	0	0	0	0	91
Total Volume	86	193	0	279	30	0	27	57	0	62	9	71	0	0	0	0	407
% App. Total	30.8	69.2	0		52.6	0	47.4		0	87.3	12.7		0	0	0		
PHF	.796	.680	.000	.712	.750	.000	.675	.713	.000	.816	.375	.807	.000	.000	.000	.000	.727

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia PM
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Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	21	34	0	55	8	0	5	13	0	14	2	16	0	0	0	0
+15 mins.	18	44	0	62	6	0	5	11	0	19	0	19	0	0	0	0
+30 mins.	27	71	0	98	10	0	10	20	0	16	6	22	0	0	0	0
+45 mins.	20	44	0	64	6	0	7	13	0	13	1	14	0	0	0	0
Total Volume	86	193	0	279	30	0	27	57	0	62	9	71	0	0	0	0
% App. Total	30.8	69.2	0		52.6	0	47.4		0	87.3	12.7		0	0	0	
PHF	.796	.680	.000	.712	.750	.000	.675	.713	.000	.816	.375	.807	.000	.000	.000	.000

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia PM
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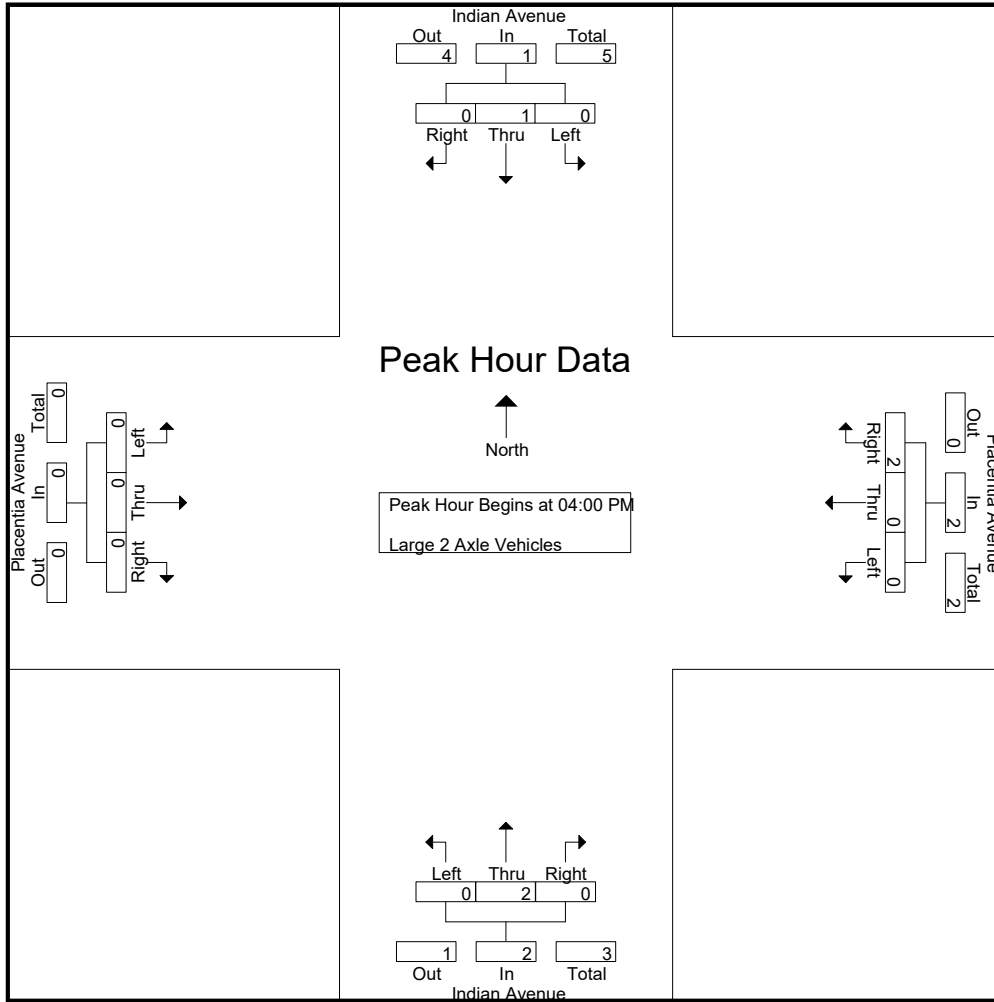
Groups Printed- Large 2 Axle Vehicles

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	1	0	1	0	0	1	1	0	1	0	1	0	0	0	0	3
04:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Total	0	1	0	1	0	0	2	2	0	2	0	2	0	0	0	0	5
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Grand Total	0	3	0	3	0	0	2	2	0	2	0	2	0	0	0	0	7
Apprch %	0	100	0		0	0	100		0	100	0		0	0	0		
Total %	0	42.9	0	42.9	0	0	28.6	28.6	0	28.6	0	28.6	0	0	0	0	

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	1	0	1	0	0	1	1	0	1	0	1	0	0	0	0	3
04:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Total Volume	0	1	0	1	0	0	2	2	0	2	0	2	0	0	0	0	5
% App. Total	0	100	0		0	0	100		0	100	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.500	.500	.000	.500	.000	.500	.000	.000	.000	.000	.417

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia PM
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Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	1	0	1	0	0	1	1	0	1	0	1	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Total Volume	0	1	0	1	0	0	2	2	0	2	0	2	0	0	0	0
% App. Total	0	100	0	0	0	0	100	0	0	100	0	0	0	0	0	0
PHF	.000	.250	.000	.250	.000	.000	.500	.500	.000	.500	.000	.500	.000	.000	.000	.000

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia PM
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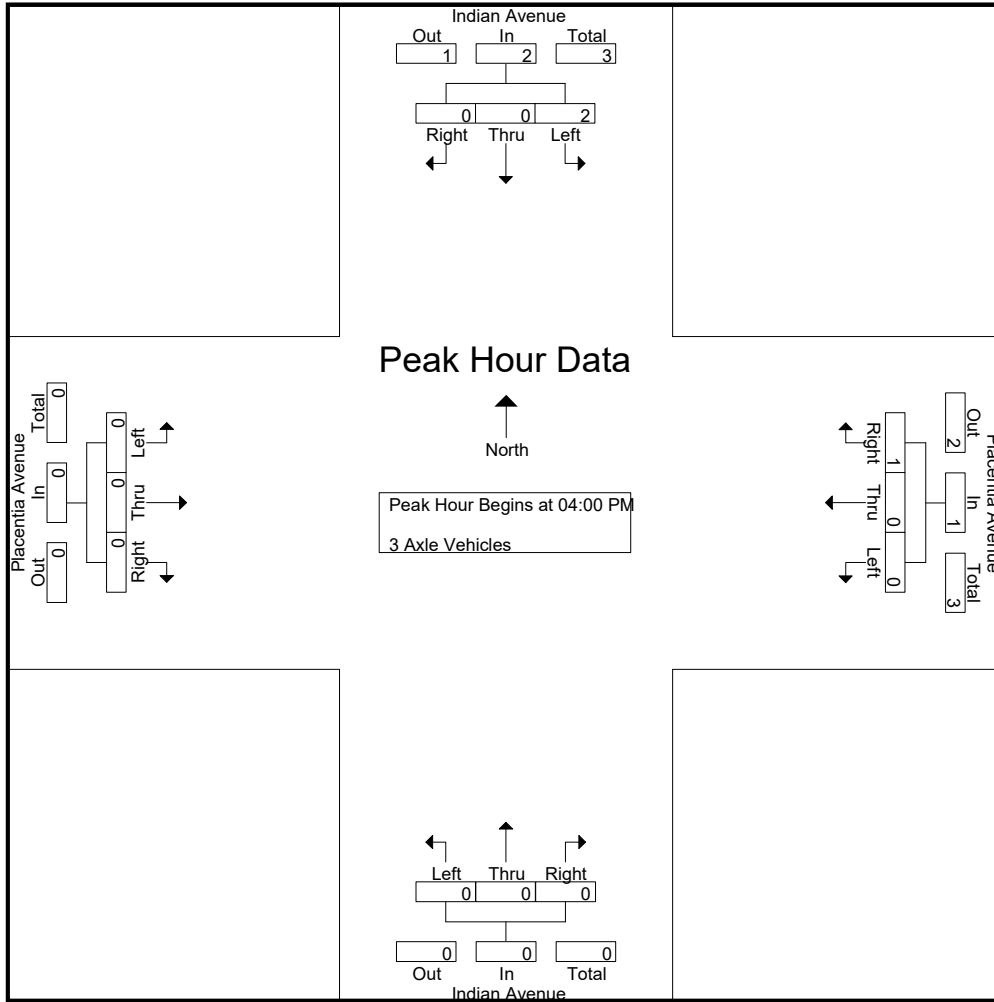
Groups Printed- 3 Axle Vehicles

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
04:30 PM	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	3
Apprch %	100	0	0		0	0	100		0	0	0		0	0	0		
Total %	66.7	0	0	66.7	0	0	33.3	33.3	0	0	0	0	0	0	0	0	

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
04:30 PM	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	3
% App. Total	100	0	0		0	0	100		0	0	0		0	0	0		
PHF	.250	.000	.000	.250	.000	.000	.250	.250	.000	.000	.000	.000	.000	.000	.000	.000	.375

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia PM
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Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
+30 mins.	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0
% App. Total	100	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
PHF	.250	.000	.000	.250	.000	.000	.250	.250	.000	.000	.000	.000	.000	.000	.000	.000

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
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File Name : 12_PER_Indian_Placentia PM
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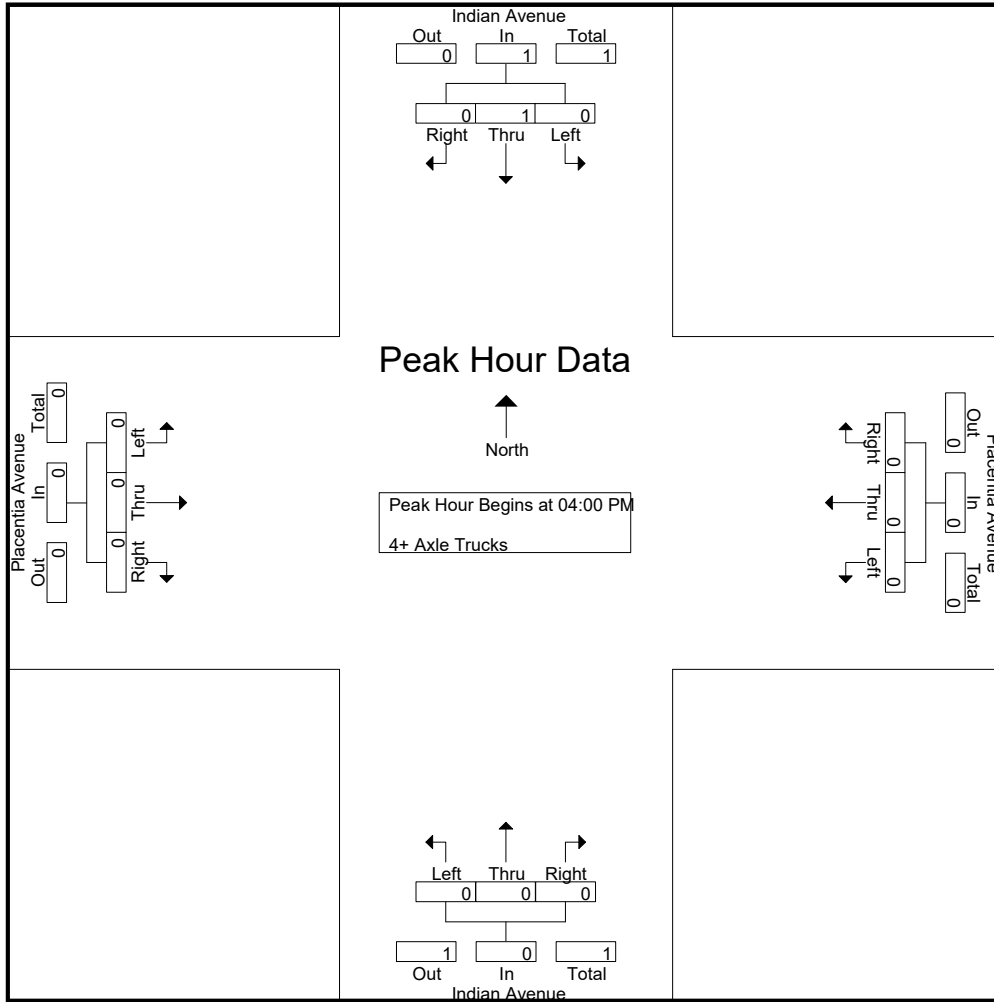
Groups Printed- 4+ Axle Trucks

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Grand Total	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Apprch %	0	100	0		0	0	0		0	0	0		0	0	0		
Total %	0	100	0	100	0	0	0		0	0	0		0	0	0		

Start Time	Indian Avenue Southbound				Placentia Avenue Westbound				Indian Avenue Northbound				Placentia Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% App. Total	0	100	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250

City of Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue
 Weather: Clear

File Name : 12_PER_Indian_Placentia PM
 Site Code : 05119354
 Start Date : 5/28/2019
 Page No : 2



Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Location: Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue



Date: 5/28/2019
 Day: Tuesday

PEDESTRIANS

	North Leg Indian Avenue	East Leg Placentia Avenue	South Leg Indian Avenue	West Leg Placentia Avenue	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	2	0	2
7:15 AM	0	0	0	0	0
7:30 AM	0	0	4	0	4
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	0	0	0	0	0
8:30 AM	0	0	0	0	0
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	0	0	6	0	6

	North Leg Indian Avenue	East Leg Placentia Avenue	South Leg Indian Avenue	West Leg Placentia Avenue	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	0	0	0
4:15 PM	0	0	1	0	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	0	0	0
5:00 PM	0	0	0	0	0
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	1	0	1

Location: Perris
 N/S: Indian Avenue
 E/W: Placentia Avenue



Date: 5/28/2019
 Day: Tuesday

BICYCLES

	Southbound Indian Avenue			Westbound Placentia Avenue			Northbound Indian Avenue			Eastbound Placentia Avenue			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	0	0	0	0	0	0

	Southbound Indian Avenue			Westbound Placentia Avenue			Northbound Indian Avenue			Eastbound Placentia Avenue			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	1	0	1	0	0	0	0	2

Appendix D

Cumulative Projects Data

**Table 1
Cumulative Development Project Trip Generation Summary**

ID	Land Use	ITE Code	Size/Unit	Daily	AM Peak Hour			PM Peak Hour			
					In	Out	Total	In	Out	Total	
<i>Trip Rates¹</i>											
Truck Terminal ²		30	per acre	81.9	2.98	4.30	7.28	2.82	3.73	6.55	
General Light Industrial		110	per TSF	4.96	0.62	0.08	0.70	0.08	0.55	0.63	
Manufacturing		140	per TSF	3.93	0.48	0.14	0.62	0.21	0.46	0.67	
Warehousing		150	per TSF	1.74	0.13	0.04	0.17	0.05	0.14	0.19	
High-Cube Transload and Short-Term Storage Warehouse		154	per TSF	1.40	0.06	0.02	0.08	0.03	0.07	0.10	
Single-Family Detached Housing		210	per DU	9.44	0.19	0.56	0.74	0.62	0.37	0.99	
Multifamily Housing (Mid-Rise)		221	per DU	5.44	0.09	0.27	0.36	0.27	0.17	0.44	
Small Office Building		712	per TSF	16.19	1.59	0.33	1.92	0.78	1.67	2.45	
Shopping Center		820	per TSF	37.75	0.58	0.36	0.94	1.83	1.98	3.81	
Gasoline/Service Station with Convenience Market		945	per TSF	1440.02	38.75	37.24	75.99	45.06	43.29	88.35	
Automated Car Wash ³		948	per TSF	142.00	3.55	3.55	7.10	7.10	7.10	14.20	
Mosque		562	per TSF	6.95	0.17	0.17	0.33	0.25	0.25	0.49	
Nursery (Wholesale)		818	per TSF	39.00	1.20	1.20	2.40	4.14	4.14	8.28	
<i>Trip Generation</i>											
P1	AAA	712	2,000	TSF	32	3	1	4	2	3	5
P2	Burge Indus 1	110	18,000	TSF	89	11	2	13	1	10	11
	<i>Passenger Vehicles (46.0%/1.0 PCE)</i>				41	5	1	6	1	5	5
	<i>2-Axle Trucks (6.1%/1.5 PCE)</i>				8	1	0	1	0	1	1
	<i>3-Axle Trucks (13.9%/2.0 PCE)</i>				25	3	0	4	0	3	3
	<i>4+-Axle Trucks (34.0%/3.0 PCE)</i>				91	11	2	13	2	10	12
	<i>Burge Indus 1 (PCE)</i>				165	21	3	23	3	18	21
P3	Burge Indus 2	110	19,000	TSF	94	12	2	13	2	10	12
	<i>Passenger Vehicles (46.0%/1.0 PCE)</i>				43	5	1	6	1	5	6
	<i>2-Axle Trucks (6.1%/1.5 PCE)</i>				9	1	0	1	0	1	1
	<i>3-Axle Trucks (13.9%/2.0 PCE)</i>				26	3	0	4	0	3	3
	<i>4+-Axle Trucks (34.0%/3.0 PCE)</i>				96	12	2	14	2	11	12
	<i>Burge Indus 2 (PCE)</i>				174	22	3	25	3	19	22
P4	Circle Industrial III	150	211,000	TSF	367	28	8	36	11	29	40
	<i>Passenger Vehicles (72.5%/1.0 PCE)</i>				266	20	6	26	8	21	29
	<i>2-Axle Trucks (4.6%/1.5 PCE)</i>				25	2	1	2	1	2	3
	<i>3-Axle Trucks (5.7%/2.0 PCE)</i>				42	3	1	4	1	3	5
	<i>4+-Axle Trucks (17.2%/3.0 PCE)</i>				189	14	4	19	6	15	21
	<i>Circle Industrial III (PCE)</i>				523	39	12	51	15	42	57
P5	Duke @ Perris Blvd	154	1,070,000	TSF	1,498	66	20	86	30	77	107
	<i>Passenger Vehicles (72.5%/1.0 PCE)</i>				1,086	48	14	62	22	56	78
	<i>2-Axle Trucks (4.6%/1.5 PCE)</i>				103	5	1	6	2	5	7
	<i>3-Axle Trucks (5.7%/2.0 PCE)</i>				171	8	2	10	3	9	12
	<i>4+-Axle Trucks (17.2%/3.0 PCE)</i>				773	34	10	44	15	40	55
	<i>Duke @ Perris Blvd (PCE)</i>				2,133	94	28	122	43	110	152
P6	Duke @ Patterson	154	811,000	TSF	1,135	50	15	65	23	58	81
	<i>Passenger Vehicles (72.5%/1.0 PCE)</i>				823	36	11	47	16	42	59
	<i>2-Axle Trucks (4.6%/1.5 PCE)</i>				78	3	1	4	2	4	6
	<i>3-Axle Trucks (5.7%/2.0 PCE)</i>				129	6	2	7	3	7	9
	<i>4+-Axle Trucks (17.2%/3.0 PCE)</i>				586	26	8	33	12	30	42
	<i>Duke @ Patterson (PCE)</i>				1,617	71	21	92	32	83	115
P7	MI (Markham Industrial)	150	170,000	TSF	296	22	7	29	9	24	32
	<i>Passenger Vehicles (72.5%/1.0 PCE)</i>				214	16	5	21	6	17	23
	<i>2-Axle Trucks (4.6%/1.5 PCE)</i>				20	2	0	2	1	2	2
	<i>3-Axle Trucks (5.7%/2.0 PCE)</i>				34	3	1	3	1	3	4
	<i>4+-Axle Trucks (17.2%/3.0 PCE)</i>				153	11	3	15	5	12	17
	<i>MI (Markham Industrial) (PCE)</i>				421	32	9	41	12	34	46
P8	Phelan Indus	110	81,000	TSF	402	50	7	57	7	44	51
	<i>Passenger Vehicles (46.0%/1.0 PCE)</i>				185	23	3	26	3	20	23
	<i>2-Axle Trucks (6.1%/1.5 PCE)</i>				37	5	1	5	1	4	5
	<i>3-Axle Trucks (13.9%/2.0 PCE)</i>				112	14	2	16	2	12	14
	<i>4+-Axle Trucks (34.0%/3.0 PCE)</i>				410	51	7	58	7	45	52
	<i>Phelan Indus (PCE)</i>				743	92	13	105	12	82	94
P9	Pulliam Indus	110	16,000	TSF	79	10	1	11	1	9	10
	<i>Passenger Vehicles (46.0%/1.0 PCE)</i>				37	5	1	5	1	4	5
	<i>2-Axle Trucks (6.1%/1.5 PCE)</i>				7	1	0	1	0	1	1
	<i>3-Axle Trucks (13.9%/2.0 PCE)</i>				22	3	0	3	0	2	3
	<i>4+-Axle Trucks (34.0%/3.0 PCE)</i>				81	10	1	11	1	9	10
	<i>Pulliam Indus (PCE)</i>				147	18	2	21	2	16	19
P10	Rider 1	154	350,000	TSF	490	22	6	28	10	25	35
	<i>Passenger Vehicles (72.5%/1.0 PCE)</i>				355	16	5	20	7	18	25
	<i>2-Axle Trucks (4.6%/1.5 PCE)</i>				34	1	0	2	1	2	2

3-Axle Trucks (5.7%/2.0 PCE)				56	2	1	3	1	3	4	
4+Axle Trucks (17.2%/3.0 PCE)				253	11	3	14	5	13	18	
Rider 1 (PCE)				698	31	9	40	14	36	50	
P11	Rider 3	154	640.000	TSF	896	39	12	51	18	46	64
Passenger Vehicles (72.5%/1.0 PCE)				650	29	9	37	13	33	46	
2-Axle Trucks (4.6%/1.5 PCE)				62	3	1	4	1	3	4	
3-Axle Trucks (5.7%/2.0 PCE)				102	4	1	6	2	5	7	
4+Axle Trucks (17.2%/3.0 PCE)				462	20	6	26	9	24	33	
Rider 3 (PCE)				1,276	56	17	73	26	66	91	
P12	Canyon Steel (CS)	110	25.000	TSF	124	15	2	18	2	14	16
Passenger Vehicles (46.0%/1.0 PCE)				57	7	1	8	1	6	7	
2-Axle Trucks (6.1%/1.5 PCE)				11	1	0	2	0	1	1	
3-Axle Trucks (13.9%/2.0 PCE)				34	4	1	5	1	4	4	
4+Axle Trucks (34.0%/3.0 PCE)				126	16	2	18	2	14	16	
Canyon Steel (CS) (PCE)				229	28	4	32	4	25	29	
P13	Duke @ Perry	150	144.000	TSF	251	19	6	24	7	20	27
Passenger Vehicles (72.5%/1.0 PCE)				182	14	4	18	5	14	20	
2-Axle Trucks (4.6%/1.5 PCE)				17	1	0	2	1	1	2	
3-Axle Trucks (5.7%/2.0 PCE)				29	2	1	3	1	2	3	
4+Axle Trucks (17.2%/3.0 PCE)				129	10	3	13	4	10	14	
Duke @ Perry (PCE)				357	27	8	35	11	28	39	
P14	IDI @ Ramona	154	426.000	TSF	596	26	8	34	12	31	43
Passenger Vehicles (72.5%/1.0 PCE)				432	19	6	25	9	22	31	
2-Axle Trucks (4.6%/1.5 PCE)				41	2	1	2	1	2	3	
3-Axle Trucks (5.7%/2.0 PCE)				68	3	1	4	1	3	5	
4+Axle Trucks (17.2%/3.0 PCE)				308	14	4	18	6	16	22	
IDI @ Ramona (PCE)				849	37	11	49	17	44	61	
P15	Western Ind	154	250.000	TSF	350	15	5	20	7	18	25
Passenger Vehicles (72.5%/1.0 PCE)				254	11	3	15	5	13	18	
2-Axle Trucks (4.6%/1.5 PCE)				24	1	0	1	0	1	2	
3-Axle Trucks (5.7%/2.0 PCE)				40	2	1	2	1	2	3	
4+Axle Trucks (17.2%/3.0 PCE)				181	8	2	10	4	9	13	
Western Ind (PCE)				498	22	7	28	10	26	36	
P16	WT (Westcoast Textile)	150	180.000	TSF	313	24	7	31	9	25	34
Passenger Vehicles (72.5%/1.0 PCE)				227	17	5	22	7	18	25	
2-Axle Trucks (4.6%/1.5 PCE)				22	2	0	2	1	2	2	
3-Axle Trucks (5.7%/2.0 PCE)				36	3	1	3	1	3	4	
4+Axle Trucks (17.2%/3.0 PCE)				162	12	4	16	5	13	18	
WT (Westcoast Textile) (PCE)				446	34	10	44	13	36	49	
P17	Integra - Expansion (IT-E)	154	273.000	TSF	382	17	5	22	8	20	27
Passenger Vehicles (72.5%/1.0 PCE)				277	12	4	16	6	14	20	
2-Axle Trucks (4.6%/1.5 PCE)				26	1	0	2	1	1	2	
3-Axle Trucks (5.7%/2.0 PCE)				44	2	1	2	1	2	3	
4+Axle Trucks (17.2%/3.0 PCE)				197	9	3	11	4	10	14	
Integra - Expansion (IT-E) (PCE)				544	24	7	31	11	28	39	
P18	Marijuana Manufacturing (MM)	140	1.000	TSF	4	1	1	2	1	1	2
P19	Rados	154	1,200.000	TSF	1,680	74	22	96	34	86	120
Passenger Vehicles (72.5%/1.0 PCE)				1,218	54	16	70	24	63	87	
2-Axle Trucks (4.6%/1.5 PCE)				116	5	2	7	2	6	8	
3-Axle Trucks (5.7%/2.0 PCE)				192	8	3	11	4	10	14	
4+Axle Trucks (17.2%/3.0 PCE)				867	38	11	50	17	45	62	
Rados (PCE)				2,392	105	31	137	48	123	171	
P20	Rider 2 & 4	154	1,373.000	TSF	1,922	85	25	110	38	99	137
Passenger Vehicles (72.5%/1.0 PCE)				1,394	61	18	80	28	72	100	
2-Axle Trucks (4.6%/1.5 PCE)				133	6	2	8	3	7	9	
3-Axle Trucks (5.7%/2.0 PCE)				219	10	3	13	4	11	16	
4+Axle Trucks (17.2%/3.0 PCE)				992	44	13	57	20	51	71	
Rider 2 & 4 (PCE)				2,737	120	36	156	55	141	196	
P21	Walnut Indu	154	205.000	TSF	287	13	4	16	6	15	21
Passenger Vehicles (72.5%/1.0 PCE)				208	9	3	12	4	11	15	
2-Axle Trucks (4.6%/1.5 PCE)				20	1	0	1	0	1	1	
3-Axle Trucks (5.7%/2.0 PCE)				33	1	0	2	1	2	2	
4+Axle Trucks (17.2%/3.0 PCE)				148	7	2	8	3	8	11	
Walnut Indu (PCE)				409	18	5	23	8	21	29	
P22	Truck Terminal	30	9.5	acres	778	28	41	69	27	35	62
Passenger Vehicles (46.0%/1.0 PCE)				358	13	19	32	12	16	29	
2-Axle Trucks (6.1%/1.5 PCE)				71	3	4	6	2	3	6	
3-Axle Trucks (13.9%/2.0 PCE)				216	8	11	19	7	10	17	
4+Axle Trucks (34.0%/3.0 PCE)				794	29	42	71	27	36	63	
Truck Terminal (PCE)				1,439	52	75	128	49	66	115	
P23	Expressway Industrial	154	347.000	TSF	486	21	6	28	10	25	35
Passenger Vehicles (72.5%/1.0 PCE)				352	15	5	20	7	18	25	

				2-Axle Trucks (4.6%/1.5 PCE)	34	1	0	2	1	2	2
				3-Axle Trucks (5.7%/2.0 PCE)	55	2	1	3	1	3	4
				4+Axle Trucks (17.2%/3.0 PCE)	251	11	3	14	5	13	18
				Expressway Industrial (PCE)	692	30	9	40	14	36	49
P24	First Indus (Goodwin)	154	338.000	TSF	473	21	6	27	9	24	34
				Passenger Vehicles (72.5%/1.0 PCE)	343	15	5	20	7	18	25
				2-Axle Trucks (4.6%/1.5 PCE)	33	1	0	2	1	2	2
				3-Axle Trucks (5.7%/2.0 PCE)	54	2	1	3	1	3	4
				4+Axle Trucks (17.2%/3.0 PCE)	244	11	3	14	5	13	17
				First Indus (Goodwin) (PCE)	674	30	9	39	13	35	48
P25	Wilson Ind	154	303.000	TSF	424	19	6	24	8	22	30
				Passenger Vehicles (72.5%/1.0 PCE)	308	14	4	18	6	16	22
				2-Axle Trucks (4.6%/1.5 PCE)	29	1	0	2	1	2	2
				3-Axle Trucks (5.7%/2.0 PCE)	48	2	1	3	1	2	3
				4+Axle Trucks (17.2%/3.0 PCE)	219	10	3	13	4	11	16
				Wilson Ind (PCE)	604	27	8	35	12	31	43
P26	Natwar Ind	154	420.000	TSF	588	26	8	34	12	30	42
				Passenger Vehicles (72.5%/1.0 PCE)	426	19	6	24	9	22	30
				2-Axle Trucks (4.6%/1.5 PCE)	41	2	1	2	1	2	3
				3-Axle Trucks (5.7%/2.0 PCE)	67	3	1	4	1	3	5
				4+Axle Trucks (17.2%/3.0 PCE)	303	13	4	17	6	16	22
				Natwar Ind (PCE)	837	37	11	48	17	43	60
P27	Perris Plaza - Build-out	820	173.000	TSF	6,531	101	62	163	316	343	659
P28	March Plaza	820	47.253	TSF	1,784	28	17	44	86	94	180
P29	Arco Expansion	945	3.869	TSF	5,571	150	144	294	174	167	342
P30	Cali Express Carwash	948	5.600	TSF	795	20	20	40	40	40	80
P31	Commercial Retail - Spectrum	820	7.400	TSF	279	4	3	7	14	15	28
P32	Pacific Heritage 1	210	82	DU	774	15	46	61	51	30	81
P33	Sunwest Enterprises	210	61	DU	576	11	34	45	38	22	60
P34	Pacific Ave	210	131	DU	1,237	24	73	97	82	48	130
P35	Barrett Apt	221	228	DU	1,240	21	61	82	61	39	100
P36	Sunwest Enterprises	210	57	DU	538	11	32	42	36	21	56
P37	Jason Keller/John Ford	210	161	DU	1,520	30	89	119	100	59	159
P38	Sunwest Enterprises	210	15	DU	142	3	8	11	9	5	15
P39	Rastogi Family LTD /John Ford	210	75	DU	708	14	42	56	47	27	74
P40	Tristone/David Jeffers	210	22	DU	208	4	12	16	14	8	22
P41	Sterling Villa	221	429	DU	2,334	40	114	154	115	74	189
P42	Stratford Ranch	210	270	DU	2,549	50	150	200	168	99	267
P43	Nova Homes	210	76	DU	717	14	42	56	47	28	75
P44	Citrus Court	210	111	DU	1,048	21	62	82	69	41	110
P45	Villa Verona Apt	221	360	DU	1,958	34	96	130	97	62	158
P46	John Abel Stratford Ranch	210	90	DU	850	17	50	67	56	33	89
P47	Oleander Cultivation	818	12.985	TSF	506	16	16	31	54	54	108
P48	Harley Knox 25K	150	12.985	TSF	23	2	1	2	1	2	2
				Passenger Vehicles (72.5%/1.0 PCE)	16	1	0	2	0	1	2
				2-Axle Trucks (4.6%/1.5 PCE)	2	0	0	0	0	0	0
				3-Axle Trucks (5.7%/2.0 PCE)	3	0	0	0	0	0	0
				4+Axle Trucks (17.2%/3.0 PCE)	12	1	0	1	0	1	1
				Harley Knox 25K (PCE)	32	2	1	3	1	3	4
P49	Kwasizur Indu	150	138	TSF	240	18	5	23	7	19	26
				Passenger Vehicles (72.5%/1.0 PCE)	174	13	4	17	5	14	19
				2-Axle Trucks (4.6%/1.5 PCE)	17	1	0	2	0	1	2
				3-Axle Trucks (5.7%/2.0 PCE)	27	2	1	3	1	2	3
				4+Axle Trucks (17.2%/3.0 PCE)	124	9	3	12	4	10	14
				Kwasizur Indu (PCE)	342	26	8	33	10	27	37
P50	Natwar Ind Truck Lot	30	5 acres		410	15	21	36	14	19	33
				Passenger Vehicles (46.0%/1.0 PCE)	188	7	10	17	6	9	15
				2-Axle Trucks (6.1%/1.5 PCE)	37	1	2	3	1	2	3
				3-Axle Trucks (13.9%/2.0 PCE)	114	4	6	10	4	5	9
				4+Axle Trucks (34.0%/3.0 PCE)	418	15	22	37	14	19	33
				Natwar Ind Truck Lot (PCE)	757	28	40	67	26	35	61
P51	Serrao Ind	154	3.5	TSF	6	0	0	1	0	0	1
				Passenger Vehicles (72.5%/1.0 PCE)	4	0	0	0	0	0	0
				2-Axle Trucks (4.6%/1.5 PCE)	0	0	0	0	0	0	0
				3-Axle Trucks (5.7%/2.0 PCE)	1	0	0	0	0	0	0
				4+Axle Trucks (17.2%/3.0 PCE)	3	0	0	0	0	0	0
				Serrao Ind (PCE)	9	1	0	1	0	1	1
P52	Lakecreek East	154	256	TSF	445	34	10	44	13	36	49
				Passenger Vehicles (72.5%/1.0 PCE)	323	24	7	32	10	26	35
				2-Axle Trucks (4.6%/1.5 PCE)	31	2	1	3	1	2	3
				3-Axle Trucks (5.7%/2.0 PCE)	51	4	1	5	1	4	6
				4+Axle Trucks (17.2%/3.0 PCE)	230	17	5	22	7	18	25

				Lakecreek East (PCE)	634	48	14	62	19	51	69
P53	Lakecreek West	154	300	TSF	522	39	12	51	15	42	57
Passenger Vehicles (72.5%/1.0 PCE)					378	28	9	37	11	30	41
2-Axle Trucks (4.6%/1.5 PCE)					36	3	1	4	1	3	4
3-Axle Trucks (5.7%/2.0 PCE)					60	4	1	6	2	5	6
4+-Axle Trucks (17.2%/3.0 PCE)					269	20	6	26	8	21	29
				Lakecreek West (PCE)	743	56	17	73	22	59	81
P54	Chartwell Ind	154	141	TSF	245	18	6	24	7	20	27
Passenger Vehicles (72.5%/1.0 PCE)					178	13	4	17	5	14	19
2-Axle Trucks (4.6%/1.5 PCE)					17	1	0	2	0	1	2
3-Axle Trucks (5.7%/2.0 PCE)					28	2	1	3	1	2	3
4+-Axle Trucks (17.2%/3.0 PCE)					127	10	3	12	4	10	14
				Chartwell Ind (PCE)	349	26	8	34	10	28	38
P55	Duke @ Patterson and Nance	150	580	TSF	1,009	76	23	99	30	80	110
Passenger Vehicles (72.5%/1.0 PCE)					732	55	16	71	22	58	80
2-Axle Trucks (4.6%/1.5 PCE)					70	5	2	7	2	6	8
3-Axle Trucks (5.7%/2.0 PCE)					115	9	3	11	3	9	13
4+-Axle Trucks (17.2%/3.0 PCE)					521	39	12	51	15	42	57
				Duke @ Patterson and Nance (PCE)	1,437	108	32	140	42	115	157
P56	Aldi Market Center	820	27	TSF	1,019	16	10	25	49	53	103
P57	Tommy's carwash	948	8.5	TSF	1,207	30	30	60	60	60	121
P58	Mosque	948	12	TSF	83	2	2	4	3	3	6
P59	38071 Straford Ranch	210	197	DU	1,860	36	109	146	123	72	195
Subtotal City of Perris					52,973	1,629	1,630	3,259	2,301	2,515	4,816
Subtotal City of Perris (PCE)					60,980	2,076	1,792	3,868	2,488	3,006	5,494
MV1	PEN19-0188 PI Properties No. 67 LLC	210	66	DU	623	12	37	49	41	24	65
MV2	PEN18-0042 Ada Deturcios	210	2	DU	19	0	1	1	1	1	2
MV3	First Logistics at Nandina Ave	150	221.859	TSF	386	29	9	38	11	31	42
Passenger Vehicles (72.5%/1.0 PCE)					280	21	6	27	8	22	31
2-Axle Trucks (4.6%/1.5 PCE)					27	2	1	3	1	2	3
3-Axle Trucks (5.7%/2.0 PCE)					44	3	1	4	1	4	5
4+-Axle Trucks (17.2%/3.0 PCE)					199	15	4	19	6	16	22
				First Logistics at Nandina Ave (PCE)	550	41	12	54	16	44	60
Subtotal City of Moreno Valley					1,028	42	46	88	54	56	109
Subtotal City of Moreno Valley (PCE)					1,192	54	50	104	59	69	127
R1	TTM 33978	210	139	DU	1,312	26	77	103	87	51	138
R2	Nuevo Distribution Center	154	1,586.645	TSF	2,221	98	29	127	44	114	159
Passenger Vehicles (72.5%/1.0 PCE)					1,610	71	21	92	32	83	115
2-Axle Trucks (4.6%/1.5 PCE)					153	7	2	9	3	8	11
3-Axle Trucks (5.7%/2.0 PCE)					253	11	3	14	5	13	18
4+-Axle Trucks (17.2%/3.0 PCE)					1,146	50	15	65	23	59	82
				Nuevo Distribution Center (PCE)	3,163	139	42	181	63	163	226
R3	Majestic Freeway Business Center SP ⁴	150	816.142	TSF	1,420	107	32	139	42	113	155
		154	2,264.920	TSF	3,171	140	42	181	63	163	226
Passenger Vehicles (72.5%/1.0 PCE)					3,328	179	53	232	76	200	277
2-Axle Trucks (4.6%/1.5 PCE)					317	17	5	22	7	19	26
3-Axle Trucks (5.7%/2.0 PCE)					523	28	8	36	12	31	43
4+-Axle Trucks (17.2%/3.0 PCE)					2,369	127	38	165	54	143	197
				Majestic Freeway Business Center SP4 (PCE)	6,538	351	105	456	150	393	543
Subtotal County of Riverside					8,124	370	180	550	236	441	678
Subtotal County of Riverside (PCE)					11,013	516	224	739	300	607	907
Total					62,125	2,040	1,856	3,896	2,591	3,013	5,604
Total (PCE)					73,184	2,646	2,066	4,712	2,847	3,681	6,528

Notes: TSF = Thousand Square Feet; PCE = Passenger Car Equivalent

¹Trip rates from the Institute of Transportation Engineers (ITE), *Trip Generation, 10th Edition, 2017*, unless otherwise noted.

²Trip rate from ITE 10th Edition unavailable for known project unit (acres); trip rate used from ITE, *Trip Generation, 9th Edition, 2012*.

³Trip rates from ITE 10th Edition unavailable for the daily and AM peak period; trip rates derived from the available PM peak period rate assuming the PM peak period represents 10% of daily trips and 200% of AM peak period trips.

⁴Total square footage indicated as 3,721,062 per the Majestic Freeway Business Center Site Plan (attached in this Appendix). Construction of Buildings 5 and 10 and are assumed to be operational based on review of the site; therefore, 640,000 square feet were removed from the total for the purposes of this analysis.

Projects completed

	Commercial	Sq. Ft.	Acreage	Location	Entitlement Status	Status	Case Number(s)	Planner
1	Perris Crossing	387,993	27	E of I-215 btw Watson and Ethanac Rd	Entitled 2006.4.11	Partially completed (2009)	DPR 04-0621	DS
11	DTSP Mixed Use	10,834	1	SW corner of Tenth and D	Entitled 2017.11.5	Grading	DPR 16-00014	BM
12	7-Eleven	3,000	1	NE corner of Ethanac and Case	Entitled 2017.1.18	Completed (November 2018)	CUP 16-05074	NP
13	Autozone	19,000	2	NE corner of Perris Crossing Center	Entitled 2017.10.4	Completed (December 2018)	ADPR 16-05074	DS
5	Partial MTC	10,000	2.4	SE corner of Ethanac and Trumble	Entitled 2017.3.15	Completed 2020	CUP 16-05168	KP
9	Weinerschnitzel	2,000	1	W side of Perris Blvd & S. of Placentia	Entitled 2017.11.15	Completed (October 2019)	CUP 17-05083	DS
10	Behavioral Health Clinic	37,000	4	NW San Jacinto & Redlands	Entitled 2017.7.19	Completed (June 2019)	CUP 16-05189	BM
	Total	469,827						

Projects that have started construction

	Commercial	Sq. Ft.	Acreage	Location	Entitlement Status	Status	Case Number(s)	Planner
	Aldi Market Center	27,000	4.6	West of Perris Blvd and Citrus	Entitled 2020.3.4	Grading	ADPR 19-05039; CUP 1 NP	
3	March Plaza	47,253	8	NW corner of Perris Blvd & Harley Knox	Entitled 2017.3.15	Grading	CUP 16-05165	DS
6	Perris Common	35,000	5.5	SW corner San Jacinto and Redlands	Entitled 2018.4.10	Vertical construction	MAJ MOD 18-05004	NP
7	Perris Plaza - Build-out	173,000	42	NE of Nuevo and Frontage	Entitled	Vertical construction	MIN MOD 17-05178	NP
	Total	255,253	56					

Project in Plan Check

	Commercial	Sq. Ft.	Acreage	Location	Entitlement Status	Status	Case Number(s)	Planner
2	Quick Quack Carwash	3,600	1	E of Case Rd north of Ethanac Rd	Entitled 2018.7.18	Prep for Plan Check	CUP 18-05045	DS
	Total	3,600	1					

In Process and Entitled Projects that are Dormant

	Commercial	Sq. Ft.	Acreage	Location	Entitlement Status	Status	Case Number(s)	Planner
	Arco Expansion	3,869	1.4	289 Old Nuevo Road & I-215	Entitled 2015.2.18	Prep for Plan Check	CUP 14-09-0001	DS
14	Cali Express Carwash	5,600	1	NW corner of Ramona and Perris	Entitled 2018.10.18	Prep for Plan Check	CUP 16-05258	DS
4	Motte Town Center (MTC)	484,300	59	SE corner of Ethanac and Trumble	Entitled 2008.5.13	Dormant	DPR 06-0337	DS
8	Perris Venue	643,000	68	SE corner of San Jacinto and Redlands	Entitled 2009.8.13	Dormant	DPR 08-04-0015	KP
	Gas Station & Carwash	7,000	1.8	4th St and Navajo Rd	Submitted 2019.11.13	In process	CUP 19-05295	AG
	Commercial Retail - Spectrum	7,400	2	W of Perris Blvd north of Orange	Submitted 2019.11.18	In process	CUP 19-05301	AG
	Tommy's carwash	8,500		E. side of Perris Blvd	Submitted 2020.12.23	In process	CUP 20-05217	RG
	Pharmacy	15,000	1.3	S. side of 4th St west of Park St	Submitted 2021.1.7	In process	DPR 20-00022	AG
	Mosque	12,000	0.52	NE of Barrett and Orange	Submitted 2021.5.12	In process	CUP 21-05102	RG
	Total	1,731,375						

PVCC SP - Projects Completed

Industrial Projects	Sq. Ft.	Acreage	Location	Entitlement Status	Status	Case Number(s)	Planner
BI - Accent Décor	173,000	9	Btw Harely Knox & Nance W of Webster	Entitled 2008.11.25	Completed (April 2018)	DPR 07-09-0018	KP
Circle Industrial - Tech Style Fashion	600,000	31	NW corner of Markham & Redlands	Entitled 2013.11.12	Completed (March 2017)	DPR 13-02-00005	NP
Circle Industrial III - Vacant	211,000	10	NW corner of Nance & Redlands	Entitled 2018.10.17	Completed (2020)	DPR 17-00006	NP
Duke 2 - Forever 21	669,000	31	SE corner of Indian & Markham	Entitled 2017.10.18	Completed (April 2019)	DPR 16-00008	NP
Duke @ Perris Blvd - Amazon	1,070,000	54	E of Perris Blvd btw Markham & Perry	Entitled 2017.8.28	Completed (August 2020)	DPR 17-00002 & CUP 1	CP
Duke @ Patterson - Amazon	811,000	37	SE corner of Patterson & Markham	Entitled 2019.1.29	Completed (2020)	DPR 17-00001	KP
First Perry - Moret Group	240,000	11	SW corner of Perry & Redlands	Entitled 2017.11.15	Completed (December 2019)	DPR 16-00013	NP
Gateway - Kenco	400,000	22	SE corner of I-215 & Harley Knox	Entitled 2017.1.31	Completed (December 2018)	DPR 16-00003	KP
General Mills	1,600,000	70	Btw Markham and Ramona W of Indian	Entitled 2009.12.8	Completed (November 2016)	DPR 07-07-0029	KP
Home Depot (IDI)	1,750,000	90	Btw Nance & Markham W of Perris Blvd	Entitled	Completed (March 2014)	DPR 05-0113	
Home Depot & Essendant	1,700,000	91	E of Redlands north of Perry	Entitled 2012.11.27	Completed (May 2017)	DPR 11-12-0004	
Indian Palms	39,000	2	W of Indian bt Rider and Walnut	Entitled 2016.1.31	Completed (2009)	DPR 05-0285	
Integra - Amazon	864,000	43	Btw Markham & Nance E of Webster	Entitled 2015.1.27	Completed (December 2018)	DPR 14-02-0014	DS
Lowe's	1,200,000	120	Btw Ramona & Morgan W of Indian	Entitled	Completed (2001)	DPR 99-0167	
Markham East - Geodis	460,000	22	NW corner of Redlands & Perry	Entitled 2007.6.20	Completed	DPR 05-0477	
MI - Retrospec Bicycle	170,000	9	NE corner of Indian & Markham	Entitled 2017.8.16	Vertical Constructin	DPR 16-00015	KP
OLC 1 - Ferguson & Penske	1,455,000	69	NW corner of Webster & Ramona	Entitled 2016.1.12	Completed (December 2018)	DPR 12-10-0005	KP
OLC 2 - H&M	1,037,000	49	NE corner of Patterson & Markham	Entitled 2016.1.12	Completed (December 2019)	DPR 14-01-0015	KP
Phelan Indus - FlexSpot	81,000	4	N. Side of Markham btw Webster & Perris	Entitled 2017.10.10	Complete (2020)	ADPR 16-05202	NP
Ridge - Hanes	1,900,000	90	NW corner of Perris & Morgan	Entitled 2007.3.27	Completed (2012)	DPR 05-0493	
Rider 1 -	350,000	16	SW corner of Rider & Redlands	Entitled 2007.6.20	Completed (2020)	DPR 06-0365	KP
Rider 3 - Sketchers	640,000	30	NW corner of Rider & Redlands	Entitled 2009.3.31	Completed (2020)	DPR 06-0432	KP
Ross (Oakmont 2)	700,000	37	SW corner of Perris & Markham	Entitled 2007.3.27	Completed (2013)	DPR 05-0192	
Ross	1,600,000	83	SW corner of Indian & Morgan	Entitled date ?	Completed (2002)	?	
Wayfair (Duke 1)	2,000,000	96	NE corner of Indian & Rider	Entitled 2009.8.25	Completed (October 2017)	DPR 06-0417	DS
Western Brass (Multi-tenants)	494,000	24	NE corner of Harley Knox and Indian	Entitled 2004.7.3	Completed (2007)	DPR 03-0388	KP
Western Ind	250,000	25	E. Side of Western Way & City limits	Entitled 2019.12.18	Completed (April 2021)	DPR 19-00003	NP
Whirlpool (IDS)	1,700,000	80	NE corner of Perris & Morgan	Entitled 2005.8.17	Completed (2006)	DPR 04-0464	
Total	24,164,000	1,255					

50% Public Art Fee

PVCC SP - Projects that have started construction

Industrial Projects	Sq. Ft.	Acreage	Location	Entitlement Status	Status	Case Number(s)	Planner
AAA	2,000	10	SE Corner of Harley Knox & Webster	Entitled 2018.3.7	Vertical Constructin	DPR 16-00012	
Burge Indus 1	18,000	2.5	E. of Perris Blvd. & N of Commerce Dr	Entitled 2019.8.7	Vertical Constructin	DPR 18-00001	CP
Burge Indus 2	19,000	3	E. Perris Blvd. and S of Commerce Dr	Entitled 2019.8.7	Vertical Constructin	DPR 18-00007	CP
Duke @ Perry	144,000	7	SE Corner of Perrty and Barrett	Entitled 2019.11.6	Vertical Constructin	DPR 18-00011	CP
IDI @ Ramona	426,000	24	NW corner of Ramona and Indian	Entitled 2019.11.20	Vertical Constructin	DPR 18-00002	CP
Pulliam Indus	16,000	0.5	Lots 10 & 12 on Commerce Dr, E of Perris	Entitled 2018.6.20	Vertical Constructin	DPR 17-00007 & 9	CP
WT (Westcoast Textile)	180,000	9	SW corner of Indian & Nance	Entitled 2016.7.20	Grading	DPR 16-00001; MM 20	KP
Rados	1,200,000	83	SW corner of Rider & Indian	Entitled 2011.7.12	Vertical Construction	MMOD 18-05204; DPR	NP
Total	2,005,000	138.6					

50% Public Art Fee

50% Public Art Fee

50% Public Art Fee

50% Public Art Fee

PVCC SP - Projects in Plan Check

Industrial Projects	Sq. Ft.	Acreage	Location	Entitlement Status	Status	Case Number(s)	Planner
Canyon Steel (CS)	25,000	4	NWC of Patterson and California	Entitled 2019.2.20	Plan Check	DPR 18-00006	KP

50% Public Art Fee

6 months

6 months

1 year	IDI - Site 3	2,300,000	217 NE corner of Redlands and Ellis	Entitled 2010.7.13	Plan Check	DPR 08-01-0007; MM 1 DS/CP	50% Public Art Fee
6 months	Walnut Indu	205,000	11 N. Side Walnut St, btw Indian & Barnett	Entitled 2020.1.20	Plan Check	DPR 19-00014 MD	50% Public Art Fee
6 months	Wilson Ind	303,000	16 E. Side of Wilson S. of Rider St	Entitled 2020.12.2	Plan Check	DPR 19-00007 AG	50% Public Art Fee
Total		2,833,000	247				

PVCC SP - In Process and Entitled Projects

Industrial Projects		Sq. Ft.	Acreage	Location	Entitlement Status	Status	Case Number(s)	
	Oleander Cultivation	12,985		1 1261 Oleander Ave	Entitled 2021.3.3	In process	DPR 18-00012	AG
	Integra - Expansion (IT-E)	273,000		10 NE corner of Markham and Webster	Entitled 2019.4.17	Dormant	MMOD 17-05075	DS
	Marijuana Manufacturing (MM)	1,000		0.5 NW corner of Webster and Washington	Entitled 2019.4.4	In process	ADPR 19-05051; DPR 1	MD 50% Public Art Fee
1 year	Rider 2 & 4	1,373,000		73 NE corner of Rider & Redlands	Not entitled	In process (At-risk plan check)	DPR 19-00004	MB 50% Public Art Fee
	Harley Knox 25k	25,000		1 S of Harley Knox btw Patterson & Nevada	Entitled 2021.4.21	In process	DPR 19-00005	NP
	Truck Terminal	0		9.5 N. side of Markham & E of Perris Blvd	Not entitled	In process	CUP 20-05100	AG
	Expressway Industrial	347,000		16 SW corner of Ramona and Perris	Not entitled	In process	DPR 19-00012	AG
	First Indus (Goodwin)	338,000		15 SE Corner of Rider and Redlands	Not entitled	In process	DPR 19-00016	AG
	Kwasizur Indu	138,000		9 SE corner of Indian and Harley Knox	Not entitled	In process	DPR 20-00019	AG
	Patriot Ind	286,000		15 SW Perris and Morgan	Not entitled (9/29/20)	In process	DPR 20-00013	CP
	Wilson Ind	248,000		SW corner of Rider and Wilson	Not entitled (8/26/20)	In process	DPR 20-00011	AG
	Natwar Ind	420,000		23 W. Side of Natwar 300' N. of Nandina	Not entitled	In process	DPR 20-00004	NP
	Natwar Ind Truck Lot	0		5 E. Side of Natwar. 300' N. of Nandina	Not entitled	In process	DPR 20-00009	CP
	Serrao Ind	3,500		0.17 N. Side of Nance Street 660' E. of Webster	Not entitled	In process	DPR 20-00010	RG
	Lakecreek East	256,000		11 E. Side of Redlands S. of Rider St	Not entitled (1/7/21)	In process	DPR 20-00021	CP
	Lakecreek West	300,000		20 W. Side of Redlands S. of Rider St	Not entitled (1/7/21)	In process	DPR 20-00020	CP
	Chartwell Ind	141,000		6 SW corner of Redlands and Rider	Not entitled (2/18/21)	In process	DPR 21-00003	AG
	Duke @ Patterson and Nance	580,000		26 NE corner of Patterson and Nance	Not entitled (5/5/2021)	In process	DPR 21-00005	AG
Total		4,742,485						

South Perris - In Process and Entitled Projects

Industrial Projects		Sq. Ft.	Acreage	Location	Entitlement Status	Status	Case Number(s)	
	IDI - Site 1	784,000		36 SW corner of Mountain & Goetz	Entitled 2010.7.13	Dormant	DPR 07-0130	DS 50% Public Art Fee
	IDI - Site 2	3,448,734		205 SW of Mapes and Goetz	Entitled 2010.7.13	Dormant	DPR 08-04-0006	DS 50% Public Art Fee
	Malbert Cultivation	33,000		3 N. side of Malbert St & W. of Goetz Rd	Entitled 2021.3.17	In process	DPR 17-00008	CP 50% Public Art Fee
	Marijuana Manufacturing	61,050		2 N. side of Malbert St & W. of Goetz Rd	Entitled 2020.11.4	In process	DPR 18-00005	MB 50% Public Art Fee
	Marijuana Manufacturing	12,000		1 S. side of Illinois & E. I-215 Freeway	Entitled 2019.4.17	In process	DPR 18-00004	CP 50% Public Art Fee
	Marijuana Manufacturing/Cul	30,000		6 N. side of Mapes btw Goetz & Alpine	Not entitled	In process	DPR 18-00010	CP 50% Public Art Fee
	Perez Indus	2,500		0.5 E. side of G St N of Case Rd	Entitled 2018.12.19	In process	DPR 16-00016	CP 50% Public Art Fee
Total		4,371,284						

<https://www.officespace.com/ca/perris/filter/zoom=13.427028438901818,lng=-117.21070288737769,lat=33.82477225776694>

PROJECTS THAT HAVE STARTED CONSTRUCTION

TRACT	DEVELOPER	PROJECT	LOCATION	DU	COMMERCIAL SF	TYPE	ACRE	Approval Date	Status	Planner
16-00014	Talat Dib	DTSP Mixed Use	SW of "D" Street and 10th Street.	15	7,544	APT	0.95	10/15/2017	Vertical construction in process	BM
31226	Pacific Communities	Pacific Heritage 1	SW Nuevo & McKimball	82		SFD		10/15/2003	Vertical construction in process	DS
31650	Sunwest Enterprises		SW Van Wy & De Lines	61		SFD		7/13/2004	FTM approved 6-13-2006 - Architecture review MDRP 20-05143	DS
32406	Sunwest Enterprises		SE Bowen & Windflower	15		SFD		1/5/2005	FTM approved 11-28-2006 - Architecture review MDRP 20-05143	AG/DS
32497	Pacific Communities	Pacific Ave	SW Orange & Medical	131		PDO	12.15	10/31/2006	Vertical construction in process	NP
32769	CBM Consulting & Dev, Inc.	Faith Circle	West side of "B" Street, south of 11th St	20		SFD	4.31	4/20/2006	Final Home Sales 2021	RZ
36988	Richmond	GVSP	N of Ethanac Rd & W of Murrieta Rd	169		SFD	37.65	8/29/2017	Final Home Sales 2021	KP
				493	Total Units					

PROJECTS IN PLAN CHECK

TRACT	DEVELOPER	PROJECT	LOCATION	DU	COMMERCIAL SF	TYPE	ACRE	Approval Date	Status	Planner
31659	Jason Keller/John Ford		NEC Citrus & Evans	161		SFD	55.07	7/27/2004	Initiate Plan Check 2nd Quarter 2021 FTM approved 2/28/2006	
32041	Jason Keller/John Ford		NWC Citrus & Dunlap	122		SFD	40.03	4/24/2007	Initiate Plan Check 2nd Quarter 2021 FTM approved 5/24/2007 Right below	NP
33549	Perris Investment Group	Village Walk	NE Perris & Commercial	129		SFD	24	1/30/2007	Initiate Plan Check 2nd Quarter 2021 FTM approved 7/27/2011	SC
31912	TKC		7th & Clayton vacant land	8		SFD	2.3		FTM approved 4/24/2007 Plan Check	RG
35062	Sterling Villa	Senior Housing	SE corner of Nuevo and Murrieta	429		APT	18.54	2/13/2006	Expires 8/4/2022 with AB 1561 (aka DPR 06-0378)	KP
36648	John Abel	Stratford Ranch	W of Evans Road @ northern City Limits	270		SFD	65.8	8/29/2017	EOT 19-05151 for 1-year extension	NP
37014	JD Pierce	Barrett Apt	Btw Barrett & Perris Blvd	228		APT	13.49	10/25/2016	Plan check; grading anticipated 4th quarter 2019 - Major Mod 18-05211; DPR 15-000	KP
				1347	Total Units					

FINAL MAP RECORDED OR DA WITH NO FURTHER NEED FOR EXTENSION

TRACT	DEVELOPER	PROJECT	LOCATION	DU	COMMERCIAL SF	TYPE	ACRE	Approval Date	Status	Planner
31157	Palin Enterprises	Parkwest SP	S of Nuevo Road & E. PVSD	529		SFD		1/3/2018	Dormant (DA extension until 1/27/2028)	KP
31651	Sunwest Enterprises		SEC Nuevo & Wilson	57		SFD	12.55	7/27/2004	FTM approved 4/10/17. No Construction Started	DS
32666	WSI Mojave Inv/ Richland	Riverwood SP	Mapes & Ethanac	663		SFD	226.9	12/14/2004	Final Map recorded with option in increase to 750 lots; Ex)TTM 33042	BE
33338	Rastogi Family LTD /John Ford		NWC Nuevo & Evans	75		SFD	19	4/11/2006	FTM approved 4/24/2007 No Construction Started	NP
				1324	Total Units					

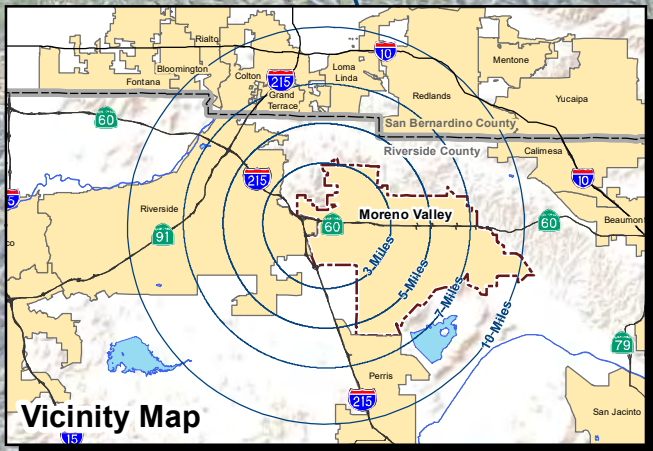
ENTITLED RESIDENTIAL DEVELOPMENTS

TRACT	DEVELOPER	PROJECT	LOCATION	DU	COMMERCIAL SF	TYPE	ACRE	Approval Date	Status	Planner
33199	MR-10, LLC		NW of Metz and Webster Ave	26		SFD	10	8/30/2005	EOT18-05220 is proposing to Expire 08/30/2019	RZ
33900	WSI Mojave Inv	Richland	SE Ethanac & McPherson	198		SFD	116	4/29/2008	Has received various 1 year extensions. Valid until 5/8/2020. EOT19-05029	RZ
33973	County Lands PIP IV		W McPherson & S Ethanac	384		SFD	153.7	5/27/2008	Has received various 1 year extensions. Valid until 5/27/2019. New EOT 19-05071 su	RZ
34260	Tristone/David Jeffers		Flame Avenue	22		SFD	3.06	10/28/2014	Has received various 1 year extensions. Valid until 10/28/2019. EOT18-05252	KP
36797	Nova Homes		NEC Wilson & Water	76		PDO	19.9	10/28/2014	Has received various 1 year extensions. Valid until 10/25/2019. EOT18-05254	IL
37038	Kile Investment Trust	Citrus Court	SW Orange & Dunlap	111		PDO	14.5	2/28/2017	EOT 19-05325	KP/RG
37181	Metz and A LLC	Villa Verona Apt	NE A & Metz	360		APT	16.9	8/29/2017	Dormant - DPR 16-00002	NP
N/A	Lansing Properties	Senior Housing	NW of A & Ellis	141		APT	4.21	3/26/2019	Dormant - DPR 17-00005	MB
36647	John Abel	Stratford Ranch	W of Evans Road and N of Ramona Exp	90		SFD	24.1	9/29/2020	Approve	NP
37223	Raintree Investments GVSP	GVSP	Watson & Murrieta	235		SFD	37.37	2/9/2021	Approve	NP
37262	Raintree Investments GVSP	GVSP	Ethanac & Goetz	191		SFD	37.36	2/9/2021	Approve	NP
37716	Raintree Investments GVSP	GVSP	730' E of the NW of Goetz & Ethanac	97		PDO	10.97	2/9/2021	Approve	NP
37722	Raintree Investments GVSP	GVSP	NW Green Valley Pkwy & Murrieta Rd	116		SF	19.4	2/9/2021	Approve	NP
37817	Raintree Investments GVSP	GVSP	NEC of GV Pky & Ethanac 1,500' N of Etha	228		PDO	25.3	2/9/2021	Approve	NP
37818	Raintree Investments GVSP	GVSP	NWC of GV Pky and Ethanac	138		PDO	14.7	2/9/2021	Approve	NP
37818	Raintree Investments GVSP	GVSP	NWC of GV Pky and Ethanac	236		APT	14.1	2/9/2021	Approve	NP
				Total	2649 Total Units					

IN PROCESS RESIDENTIAL DEVELOPMENTS

TRACT	DEVELOPER	PROJECT	LOCATION	DU	COMMERCIAL SF	TYPE	ACRE	Approval Date	Status	Planner
37441	Julio Arias	Graham PUD	W of Graham St btw Metz & Weston	33		PDO	4.16	In process	Entitlement Phase	AG
37803	UCI Prop		SWC Metz & A St	145		SFD	53.15	In process	Entitlement Phase (submitted 2019.8)	NP
38071	Stratford Ranch		NE Ramona and Evans	197		SFD	48.6	In process	Entitlement Phase (submitted 2021.3.1)	NP
				Total	375 Total Units					

City of Moreno Valley California Development Projects



	Population	Average Household Income
City of Moreno Valley	214,982	\$86,641
3 Mile Market Reach	108,990	\$83,111
5 Mile Market Reach	260,044	\$95,214
10 Mile Market Reach	675,520	\$95,519
20 Mile Market Reach	2,399,647	\$96,560

*Data from Envrionics Analytics November 2020

University of California
Riverside

Lakeshore Village
Marketplace

Canyon Springs
Center

TownGate Highlands

Pigeon Pass
Plaza

The District

Moreno Valley
Mall

TownGate
Crossing

TownGate
Promenade

Moreno Valley
Plaza

TownGate
Center/
Plaza

TownGate
Square

Plaza del
Sol

Elsworth
Plaza

Civic
Center

Centerpointe Business Park

Cactus
Commerce Center

March
LifeCare
Campus

March Air Reserve Base
March Global Airport

Sunnymead
Towne Center

Alessandro Plaza

Public Library

University Health
Systems

Aqua Bella

Proposed Health/
Wellness Center
Kaiser/Permanente
Moreno Valley

Lakeside Plaza
& Terrace

Iris Plaza

Moreno Valley College

Moreno Valley
Industrial Area

Stoneridge
Towne Centre

Moreno Valley
Auto Mall

SR 60 Business Park Area

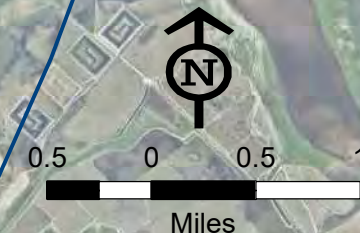
Moreno Beach
Plaza

SR 60 Business Park Area

Approved
World Logistics Center
Specific Plan
40.6 Million Sq Ft

Connects to →

- Metrolink Station
- March Inland Port
- Hospitality
- Single Family Housing
- Multi-Family Housing
- Office/Medical
- Market Range
- Commercial Shopping Centers
- Industrial/Business Park
- Medical Projects
- Moreno Valley Boundary



The information shown on this map was compiled from the Riverside County GIS and the City of Moreno Valley GIS. The land base and facility information on this map is for display purposes only and should not be relied upon without independent verification as to its accuracy. Riverside County and City of Moreno Valley will not be held responsible for any claims, losses or damages resulting from the use of this map. Image Source: Nearmap 2017

Contact City of Moreno Valley Economic Development Department
at 951-413-3460 or edteam@morenovalleybusiness.com



COMMERCIAL development

The City of Moreno Valley is a growing city with a bright future. Strategically located in the Inland Empire of Southern California, with a market area of over two million people and abundant developable land, savvy developers and retailers continue to choose Moreno Valley for growth and success. The City of Moreno Valley is dedicated to fostering new businesses and well-managed growth to create a superb quality of life. *Take a look at what's happening!*



Commercial Centers

Center Name	Size (sq. ft.)	Traffic Counts (ADT)	
		East/West	North/South
TownGate Highlands	251,900	154,000	21,000
Moreno Valley Mall	1,200,000	154,000	22,900
Stoneridge Towne Centre	579,295	90,000	17,100
TownGate Center/Plaza	465,000	137,000	24,200
Moreno Beach Plaza	350,000	74,000	15,400
Moreno Valley Plaza	341,000	19,500	22,900
TownGate Square	136,000	20,600	22,900
TownGate Crossing	237,000	154,000	22,900
TownGate Promenade	200,000	154,000	22,900
Moreno Beach Marketplace	175,000	74,000	15,400
Lakeside Plaza & Terrace	143,000	20,700	23,600
Lakeshore Village	140,000	20,500	18,000
Alessandro & Lasselle	140,000	16,600	12,100
Moreno Marketplace	93,788	11,900	14,000
Iris Plaza	87,120	16,800	25,900
Elsworth Plaza	30,000	19,000	8,800
Cactus Commerce Center	16,000	43,300	7,700
The District	1,327,645	120,000	33,500
The Quarter	420,485	13,800	22,900

Office/Medical

Map #	Name	Size (sq. ft.)
1	TownGate Square	170,000
2	Olivewood Plaza	22,758
3	Centerpointe Office Area	258,000
4	Moreno Valley Medical Plaza	217,000
5	Moreno Valley Medical Overlay Area	122,250
6	Renaissance Village	98,400
7	Riverside County Office Building	52,000
8	Fresenius Medical Care	12,000
9	Integrated Care Communities	44,000
10	Riverside University Health System Expansion	1,200,000
11	Kaiser Permanente Master Campus Expansion	800,000
12	Mainstreet Post-acute Care	57,000



Industrial/Job Centers

Areas	Occupied/Leased (sq. ft.)	Available/Approved (sq. ft.)	Proposed (sq. ft.)
Centerpointe Business Park	5,465,659	957,060	119,800
Moreno Valley Industrial Area	19,001,657	1,311,080	221,859
SR-60 Business Park Area	3,651,264	1,249,121	--
Approved World Logistics Center	--	40,600,000	--



Hospitality Development

Map #	Hotel Name	# Guest Rooms
TownGate Hotels:		
1	Residence Inn by Marriott	112
2	Holiday Inn Express	104
3	Fairfield Inn & Suites	106
4	Hampton Inn & Suites	115
5	Ayres Suites	127
Sunnymead Area Hotels		
6	La Quinta Inn & Suites	58
7	Travelers Inn	55
8	Comfort Inn	92
9	WoodSpring Suites	122
10	Econo Lodge	51
11	Hotel XOLA by Wyndham	151
12	Best Western Moreno Hotel & Suites	59



RESIDENTIAL development



Single-Family Development: 2,124 Units

Map#	Record	Builder/Applicant	# of Units	Status
1	PEN18-0145	KB Homes	97	Under Construction
2	PA04-0019 PEN18-0252 PEN18-0210	Redhill Village	214	Approved
3	PA05-0057	Lennar Homes	148	Under Construction
4	PEN19-0202	Tom Love	31	In Process
5	PA03-0086 PEN17-0109 (TR 31592)	KB Homes	115	Under Construction
6	PEN16-0162 PEN19-0247	Curtis Development	23	Approved
7	PA05-0114 PEN16-0146 PEN19-0254	Sussex Capital Group	11	Approved
8	PA05-0115 PEN16-0147 PEN19-0255	Sussex Capital Group	57	Approved
9	PA05-0052 PEN19-0244	Winchester Associates	105	Amendment In Process
10	PA07-0129	Metric Homes	16	Under Construction
11	PA03-0100 PEN17-0014	Victoria Homes	12	Plan Check
12	PA14-0031 PEN18-0144	Right Solutions	7	Plan Check
13	PEN17-0096	Manuel Ruiz	4	In Process
14	PEN19-0190	Alcantar Construction	4	In Process
15	PA03-0065	RSI	87	Under Construction
16	PA04-0146 PA10-0038 P15-066&067	Beazer Homes	274	Under Construction
17	PEN18-0065	Macjones Holdings	16	Approved
18	PEN18-0163	Gabel, Cook and Associates	107	Approved
19	PEN20-0144	Mike McKnight Planning	96	Approved
20	PA03-0106	Frontier Homes	56	Under Construction
21	PEN18-0053(GPA) PEN18-0092	Cantebury	45	Under Construction
22	PA12-0005	KB Homes	159	Under Construction
23	PEN18-0154	Michael De La Torre	6	Approved
24	PEN18-0080	Hakan Buvan	8	Approved
25	PA15-0010	Frontier Homes	40	Under Construction
26	PA01-0072	Pacific Communities	83	Under Construction

27	PEN16-0095 PEN20-0016	Mission Pacific Land	221	Plan Check
28	PEN19-0188	PI Properties No. 67 LLC	66	In Process
29	PEN18-0042	Ada Deturcios	2	Approved

Multi-Family Development: 2,751 Units

Map#	Record	Builder/Applicant	# of Units	Status
1	PEN20-0035(GPA) PEN20-0096(CZ)	PEN20-0096 (CZ)	138	In Process
2	PA07-0016 P15-003	Oak Park Partners	266	Under Construction
3	PA14-0027 PEN20-0019	Design Concepts	39	Plan Check
4	PEN16-0066	Cal Choice Inv. Inc.	20	Plan Check
5	PA08-0032 PEN18-0234	Jimmy Lee	12	Approved
6	PEN19-0157	Geri Relich	11	Approved
7	PEN20-0057 PEN20-0058	Apollo IV Dev Grp	51	In Process
8	PEN18-0064	Apollo III Dev Grp	18	Approved
9	PEN19-0127 PEN19-0128 PEN19-0129	JWDA-MS Architects	197	In Process
10	PEN 19-0110 PEN 19-0108 PEN 19-0109 PEN 19-0097	Moreno Valley Housing Authority	80	Approved
11	PA13-0062 PEN16-0120	Creative Design Assoc.	58	Plan Check
12	PA16-0039 PEN18-0211	Spruce Grove Inc.	272	Approved
13	PA06-0052 PEN19-0236	Perris Pacific Company	49	Approved
14	PA15-0046	Rocas Grandes	426	Approved
15	PA14-0015 PEN18-0032	Century Communities	117	Under Construction
16	PA06-0096 PEN18-0032	TL Group	52	Approved
17	PEN16-0123 PEN19-0007	Villa Annette, L.P.	220	Under Construction
18	PEN20-0175	RC Hobbs	38	In Process
19	PEN19-0232 PEN19-0233 PEN19-0234	Kimley-Horn	0	In Process
20	PEN16-0130	ROCI CA Belago	358	Approved
21	PA08-0054 PEN18-0107	Granite Capital	135	Plan Check
22	PA11-0026 PEN18-0058	Continental East Fund	112	Under Construction
23	PEN20-0063 PEN20-0065-68	Passco Pacific LLC	112	In Process

*In Process = not yet approved by Planning Commission
Approved = Planning Commission approval
Plan Check = Approved plus construction documents in review
Under Construction*



951.413.3460
edteam@morenovalleybusiness.com
www.morenovalleybusiness.com
www.moval.org/simplicity (Check project status)

FIRST LOGISTICS AT NANDINA AVE FOR LEASE 221,859 SF



24665 NANDINA AVE, MORENO VALLEY 92551

PROPERTY HIGHLIGHTS:

- 40' Warehouse Clearance
- 6,284 SF of Two-Story Offices
- 220' Secured Truck Court
- All Concrete Truck Court
- 31 Dock High Doors (9'x10')
- 70 Trailer Stalls (14'x53')
- 7" Warehouse Slab
- ESFR Sprinkler System
- 20' Candle LED Warehouse Lighting
- 2000 Amp Electrical Service with 4000 Amp UGPS
- 56' x 60' Typical Bay Spacing
- 2.5% Skylights
- 1 Ground Level Loading Door (12'x14')
- 101 Auto Parking Spaces



KEVIN MCKENNA
License No. 00887289
(909) 937-6342
kevin.mckenna@colliers.com

GREG MERRILL
License No. 01906709
(909) 937-6361
greg.merrill@colliers.com

BO SMITH
License No. 01816178
(909) 937-6346
bo.smith@colliers.com



FIRST LOGISTICS AT NANDINA AVE FOR LEASE 221,859 SF



KEVIN MCKENNA
(909) 937-6342
kevin.mckenna@colliers.com

GREG MERRILL
(909) 937-6361
greg.merrill@colliers.com

BO SMITH
(909) 937-6346
bo.smith@colliers.com

COLLIERS INTERNATIONAL
2855 E. Guasti Rd, Ste 401
Ontario, CA 91761





Riverside County Parcel Report

APN(s):307410001

DISCLAIMER

Maps, permit information and data are to be used for reference purposes only. Map features are approximate, and are not necessarily accurate to surveying or engineering standards. The County of Riverside makes no warranty or guarantee as to the content (the source is often third party), accuracy, timeliness, or completeness of any of the data provided, and assumes no legal responsibility for the information contained on this map. Any use of this product with respect to accuracy and precision shall be the sole responsibility of the user.

MAPS/IMAGES



PARCEL

APN	307-410-001-0	Supervisory District	JEFF HEWITT, DISTRICT 5
Previous APN	307410001 307030004	Township/Range	T4SR3W SEC 15 RHO
Owner Name	307410001 MCCANNA HILLS	Elevation	1623 ft
Address	307410001 NOT AVAILABLE	Thomas Bros. Map Page/Grid	PAGE: 778, GRID: B4 PAGE: 778, GRID: B5 PAGE: 778, GRID: C4 PAGE: 778, GRID: C5 PAGE: 778, GRID: D5
Mailing Address	307410001 100 BAYVIEW CIR STE 2000 NEWPORT BEACH CA 92660	Indian Tribal Land	NOT IN A TRIBAL LAND
Legal Description	307410001 Recorded Book/Page: PM 216/62 Subdivision Name: PM 32439 Lot/Parcel: 1 Block: Tract Number:	City Boundary	NOT IN A CITY
		City Spheres of influence	NOT IN A CITY SPHERE
Lot Size	307410001	March Joint Powers	NOT IN THE JURISDICTION OF THE MARCH JOINT POWERS

Property	307410001	County Service Area	146- LAKEVIEW/NUEVO/ROMOLAND/HOMELAND
Characteristics	Year Constructed: Baths: Bedrooms: Construction Type: Garage Type: Property Area (sq ft): Roof Type: Stories: Pool: NO Central Cool: NO Central Heat: NO		ST LIGHTING, LIBRARY
Annexation Date	N/A	LAFCO Case	N/A
Proposals	N/A		

PLANNINGmore...

Specific Plans	PREISSMAN #246	Historic Preservation Districts	NOT IN A HISTORIC PRESERVATION DISTRICT
Land Use Designations	MDR MHDR OS-C OS-R RR	Agricultural Preserve	NOT IN AN AGRICULTURAL PRESERVE
General Plan Policy Overlays	N/A		
Area Plan (RCIP)	Lakeview / Nuevo	Airport Influence Areas	MARCH AIR RESERVE BASE
General Plan Policy Areas	NOT IN A GENERAL PLAN POLICY AREA	Airport Compatibility Zones	MARCH AIR RESERVE BASE, ZONE D
Zoning Classifications (ORD. 348)	SP ZONE, CZ Number 6981	Zoning Districts and Zoning Areas	NUEVO AREA
Zoning Overlays	NOT IN A ZONING OVERLAY	Community Advisory Councils	NOT IN A COMMUNITY ADVISORY COUNCIL

Residential Permit Stats

SP00246A3 - NOT RECORDED 1

Expected Units:	80 units			
BRS Permit Units:		Final	Issued	Active
Current Permits:		0	0	0
Cumulative Total:		0	0	0
% of Expected:		0	0	0

SP00246A3 - NOT RECORDED 2

Expected Units:	69 units			
BRS Permit Units:		Final	Issued	Active
Current Permits:		0	0	0
Cumulative Total:		0	0	0
% of Expected:		0	0	0

SP00246A3 - NOT RECORDED 3

Expected Units:	0 units			
BRS Permit Units:		Final	Issued	Active
Current Permits:		0	0	0
Cumulative Total:		0	0	0
% of Expected:		0	0	0

SP00246A3 - NOT RECORDED 4

Expected Units:	0 units			
BRS Permit Units:		Final	Issued	Active
Current Permits:		0	0	0
Cumulative Total:		0	0	0
% of Expected:		0	0	0

SP00246A3 - NOT RECORDED 5

Expected Units:	156 units			
BRS Permit Units:		Final	Issued	Active
Current Permits:		0	0	0
Cumulative Total:		0	0	0
% of Expected:		0	0	0

SP00246A3 - NOT RECORDED 6

Expected Units:	100 units			
BRS Permit Units:		Final	Issued	Active

Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0
<u>SP00246A3 - NOT RECORDED 7</u>			
Expected Units:	108 units		
BRS Permit Units:	Final Issued	Active	
Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0
<u>SP00246A3 - NOT RECORDED 9</u>			
Expected Units:	0 units		
BRS Permit Units:	Final Issued	Active	
Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0
<u>SP00246A3 - NOT RECORDED 10</u>			
Expected Units:	0 units		
BRS Permit Units:	Final Issued	Active	
Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0
<u>SP00246A3 - NOT RECORDED 12</u>			
Expected Units:	0 units		
BRS Permit Units:	Final Issued	Active	
Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0
<u>SP00246A3 - NOT RECORDED 13</u>			
Expected Units:	188 units		
BRS Permit Units:	Final Issued	Active	
Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0
<u>SP00246A3 - PARTIALLY RECORDED BY PRE-LMS TRACTS ALL</u>			
Expected Units:	2744 units		
BRS Permit Units:	Final Issued	Active	
Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0
<u>TR33976 - NOT RECORDED</u>			
Expected Units:	222 units		
BRS Permit Units:	Final Issued	Active	
Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0
<u>TR33977 - NOT RECORDED</u>			
Expected Units:	340 units		
BRS Permit Units:	Final Issued	Active	
Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0
<u>TR33978 - NOT RECORDED</u>			
Expected Units:	139 units		
BRS Permit Units:	Final Issued	Active	
Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0
<u>TR33978M1 - NOT RECORDED</u>			
Expected Units:	139 units		
BRS Permit Units:	Final Issued	Active	
Current Permits:	0	0	0
Cumulative Total:	0	0	0
% of Expected:	0	0	0

ENVIRONMENTAL more...

CVMSHCP (Coachella Valley Multi-Species Habitat Conservation Plan) Plan Area	NOT IN A COACHELLA VALLEY MSHCP FEE AREA	WRMSHCP (Western Riverside County Multi-Species Habitat Conservation Plan) Cell Group	NOT IN A CELL GROUP
CVMSHCP (Coachella Valley Multi-Species Habitat Conservation Plan) Conservation Area	NOT COACHELLA VALLEY CONSERVATION AREA	WRMSHCP Cell Number	NOT IN A CELL NUMBER
CVMSHCP Fluvial Sand Transport Special Provision Areas	NOT IN A FLUVIAL SAND TRANSPORT SPECIAL PROVISION AREA	HANS/ERP (Habitat Acquisition and Negotiation Strategy/Expedited Review Process)	Project: HANS00328 Conserve: NO Status: JPR Approval Notes: Development Intake Num: 00328 LMS Case: HANS00328

Fire			
Fire Hazard Classification (Ord. 787)	HIGH	Fire Responsibility Area	SRA

DEVELOPMENT FEES

CVMSHCP (Coachella Valley Multi-Species Habitat Conservation Plan) Fee Area (Ord 875)	NOT IN A COACHELLA VALLEY MSHCP FEE AREA	RBBB (Road & Bridge Benefit District)	NOT IN A ROAD BRIDGE BENEFIT DISTRICT
WRMSHCP (Western Riverside County Multi-Species Habitat Conservation Plan) Fee Area (Ord. 810)	WESTERN RIVERSIDE COUNTY	DIF (Development Impact Fee Area Ord. 659)	LAKEVIEW/NUEVO, AREA 12
Western TUMF (Transportation Uniform Mitigation Fee Ord. 824)	IN OR PARTIALLY WITHIN A TUMF FEE AREA	SKR Fee Area (Stephen's Kagaroo Rat Ord. 663.10)	IN OR PARTIALLY WITHIN THE SKR FEE AREA
Eastern TUMF (Transportation Uniform Mitigation Fee Ord. 673)	NOT IN THE EASTERN TUMF FEE AREA	DA (Development Agreements)	NOT IN A DEVELOPMENT AGREEMENT

TRANSPORTATION more...

Circulation Element Ultimate Right-of-Way	IN OR PARTIALLY WITHIN A CIRCULATION ELEMENT RIGHT-OF-WAY	Road Book Page	59
		Transportation Agreements	NOT IN A TRANS AGREEMENT
		CETAP (Community and Environmental Transportation Acceptability Process) Corridors	EAST-WEST CETAP CORRIDOR

HYDROLOGY

Flood Plan Review	OUTSIDE FLOODPLAIN, REVIEW NOT REQUIRED	Watershed	SAN JACINTO VALLEY
Water District	EASTERN MUNICIPAL WATER DISTRICT		
Flood Control District	RIVERSIDE COUNTY FLOOD CONTROL DISTRICT		

GEOLOGIC

Fault Zone	NOT IN A FAULT ZONE	Paleontological Sensitivity	HIGH SENSITIVITY (HIGH B): SENSITIVITY EQUIVALENT TO HIGH A, BUT IS BASED ON THE OCCURRENCE OF FOSSILS AT A SPECIFIED DEPTH BELOW THE SURFACE. THE CATEGORY HIGH B INDICATES THAT FOSSILS ARE LIKELY TO BE ENCOUNTERED AT OR BELOW FOUR FEET OF DEPTH, AND MAY BE IMPACTED DURING EXCAVATION BY CONSTRUCTION ACTIVITIES.
Faults	NOT IN A FAULT LINE		
Liquefaction Potential	LOW		
Subsidence	SUSCEPTIBLE		

MISCELLANEOUS

School District	NUVIEW UNION & PERRIS UNION HIGH
Communities	NUEVO
Lighting (Ord. 655)	ZONE: B
2010 Census Tract	426.20
Farmland	GRAZING LAND

LOCAL IMPORTANCE
 OTHER LANDS
 URBAN-BUILT UP LAND

Special Notes PLEASE CONTACT RUSSELL WILLIAMS AT (951) 955-2016 PRIOR TO ANY PROJECT OR PERMIT SUBMITTAL/APPROVAL

Tax Rate Areas
 098084 - CO FREE LIBRARY
 098084 - CO STRUCTURE FIRE PROTECTION
 098084 - CO WASTE RESOURCE MGMT DIST
 098084 - CSA 146
 098084 - CSA 152
 098084 - EMWD
 098084 - EMWD IMP DIST 13
 098084 - EMWD IMP DIST A
 098084 - FLOOD CONTROL ADMIN
 098084 - FLOOD CONTROL ZN 4
 098084 - GENERAL
 098084 - GENERAL PURPOSE
 098084 - MWD EAST 1301999
 098084 - PERRIS AREA ELEM SCHOOL FUND
 098084 - PERRIS VALLEY CEMETERY
 098084 - RIV CO REGIONAL PARK & OPEN SP
 098084 - RIVERSIDE CITY COMMUNITY COLLEGE
 098084 - RIVERSIDE CO OFC OF EDUCATION
 098084 - SAN JACINTO BASIN RESOURCE CONS
 098084 - SO. CALIF.,JT(19,30,33,36,37,56)
 098084 - VAL VERDE UNIFIED
 098084 - VALLEY HEALTH SYSTEM HOSP DIST

Department of Environmental Health Permits

Septic Permits

Record Id	Application Date	Plan Check Approved Date	Final Inspection Date	Approved Date
N/A	N/A	N/A	N/A	N/A

Well Water Permits

Record Id	PE	Permit Paid Date	Permit Approved Date	Well Finaled Date
N/A	N/A	N/A	N/A	N/A

PLUS PERMITS & CASES

Administrative Cases

Case	Case Description	Status
N/A	N/A	N/A

Building and Safety Cases

Case	Case Description	Status
BGR061312	ROUGH GRADING FOR TR33978 LOTS 1-139	EXPIRED
BGR070599	ROUGH GRADE FOR TR33977 LOTS 1-258 & 282-340	EXPIRED
BGR130168	ROUGH GRADING AND EROSION CONTROL PLAN TR33978, TR3 3978-1, TR33978-2 ALL LOTS	EXPIRED

Code Cases

Case	Case Description	Status
CV0906169		Closed - Field
CV1002402		Closed - Field
CV1202885		Closed - RMAP Field
CV1203615		Closed - RMAP Field

CV1500084	Closed - Field
CV1602100	Closed - Field

Fire Cases

Case	Case Description	Status
FHAZ0003208		Closed - Verified Non-Billable
FHAZ0102993		Closed - Verified Non-Billable
FHAZ0102994		Closed - Verified Non-Billable
FHAZ0206078		Closed - Verified Non-Billable
FHAZ0206079		Closed - Verified Non-Billable
FHAZ0206080		Closed - Verified Non-Billable
FHAZ0400627		Closed - Verified Non-Billable
FHAZ0400628		Closed - Verified Non-Billable
FHAZ0400629		Closed - Verified Non-Billable
FHAZ0500123		Closed - Verified Non-Billable
FHAZ0500124		Closed - Verified Non-Billable
FHAZ0500125		Closed - Verified Non-Billable
FHAZ0600601		Closed - Verified Non-Billable
FHAZ0705036		Closed - Verified Non-Billable
FHAZ0705037		Closed - Verified Non-Billable
FHAZ0800081		Closed - Verified Non-Billable
FHAZ0903694		Closed - Verified Non-Billable
FHAZ1000977		Closed - Verified Non-Billable
FHAZ1109678		Closed - Verified Non-Billable
FHAZ1204874		Closed - Verified Non-Billable
FHAZ1303925		Closed - Verified Non-Billable
FHAZ1404349		Closed - Verified Non-Billable

FHAZ1501422	Closed - Verified Non-Billable
FHAZ1602505	Closed - Verified Non-Billable
FHAZ1700967	Closed-Verified Billable
FHAZ1801316	Closed - Verified Non-Billable
FHAZ1901617	Closed - Verified Non-Billable
FHAZ9100416	Closed - Verified Non-Billable
FHAZ9401983	Closed - Verified Non-Billable
FHAZ9505519	Closed - Verified Non-Billable
FHAZ9605609	Closed - Verified Non-Billable
FHAZ9702146	Closed - Verified Non-Billable

Planning Cases		
Case	Case Description	Status
CEQ190007	INITIAL STUDY FOR REVISION TO 33978 TENTATIVE TRACT MAP FOR 139 APPROVED LOTS	APPROVED
CFG03185	FISH AND GAME FEE FOR TR32372 & EA39713	PAID
CFG03591	FISH AND GAME FOR PM32439	PAID
CFG03593	F&G FOR EA39988 CZ6981 PM32438 SP246A1 ADD/EIR319	PAID
CFG03901	TR33976 SP246S1	PAID
CFG04793	CALIFORNIA FISH AND GAME FOR EA41431	PAID
CFG04887	CFG FOR TR33976M1	PAID
CZ05433	CHANGE ZONE FROM RR, A-1-20 & R-A-5 TO SP FOR SP 2 46CHANGE ZONE FROM R-R, A-1-20 & R-A-5 TO SP EA 33694, EIR 319, SP 246, CGPA 194 DA 61	HISTORY
CZ06981	CHANGE OF ZONE AMENDMENT TO SP246A1	APPROVED
CZ07536	CZ WITHIN SPECIFIC PLAN NO 246 AMENDMENT NO 2 THE AMENDED PORTION OF THE SPECIFIC PLAN INCLUDES PLAN NING AREAS 14, 18, 19,23,24,26,28,32,37,AND 50	WITHDRAWN
DA00061	DA 61 FOR SP 246 DA FOR SP 246 EA 33694 SP 246, CZ 5433, CGPA 194	WITHDRAWN
EA35346	EA FOR PM 25813 IN SP 239 AND SP 246 ENVIRONMENTAL ASSESSMENT FOR PM 25813 EA 35346 FM 25813, EXT 906, SP 239, SP 246	APPROVED
EA39713	EA FOR TR32372 TO DVIDE 253 AC INTO 708 LOTS	WITHDRAWN
EA39988	NEW EA FOR SP00246A1	WITHDRAWN
EA40451	EA FOR TR33976M1	APPROVED
EA41431	EA FOR CZ07536 SP00246A1	WITHDRAWN
GEO01382	GEO FOR SP00246A1 PM32591 PM32439 PM32438	APPROVED
GEO01570	GEOTECHNICAL FOR TR33976 VILLAGE 1 SOUTH.	APPROVED
GEO01571	GEOTECHNICAL REPORT FOR TR33977 VILLAGE CENTRAL	APPROVED

GEO01572	GEOTECHNICAL REPORT FOR TR33978 VILLAGE NO.	APPROVED
GEO180041	GEO FOR TR33978R01	APPROVED
GPA00194	CHANGE AGRICULTURAL DESIGNATION TO SP EA 33694, EIR 319, SP 246, CZ 5433 DA 61	APPROVED
HANS00328	DEVELOPMENT - CONSERVATION DESCRIBED	APPROVED
HR01179	REVIEW APPLICATION FOR TWO TRACT MAPS	PAID
HR01367	REV APP FOR TRACT FOR 225 SNGL FAM LOTS/19 OPEN SP ACE/1 SCHOOL SITE/1 HWY DENSITY/246 LOTS - SP246 AMEND 1 - TR33976	PAID
PDB03078	GENERAL BIOLOGICAL REPORT	APPROVED
PDB04395	FOCUSED BUOWL SURVEY SURVEY: 3/27/06, 4/9 THRU 14/06 REPORT:5/2/06	APPROVED
PM25813	DIVIDE 1,121 ACRES INTO 8 PARCELS FOR LAND CONVEYANCE PURPOSES DIVIDE 1,121 ACRES INTO 8 PARCELS FOR FINANCING PURPOSES EA 35346 FM 25813, EXT 906, SP 239, SP 246	APPROVED
PM32428	SUBDIVIDE 942 ACRES INTO 28 LOTS (SCHEDULE "I")	APPLIED
PM32438	SCHED I SUBDIVISION OF 942 AC. INTO 30 PARCELS.	APPROVED
PM32439	SCHED I DIVISION OF 942 AC INTO 5 20AC. MIN PARCEL	APPROVED
SP00246	1114 ACRE MASTER PLANNED COMMUNITY FOR 3500 SINGLE FAMILY UNITSSP ON 1,108.6 ACRES FOR 3,088 DU'S ON 671 ACRES, 4 9 ACRES OF COMMERCIAL/MIXED-USE, 282.6 ACRES OF * EA 33694, EIR 319, CZ 5433, CGPA 194 DA 61	HISTORY
SP00246A1	SPECIFIC PLAN AMENDMENT TO SP00246 AMENDMENT #1	APPROVED
SP00246A2	RECONFIGURE PLANNING AREAS 18,19,23,24,28/50	WITHDRAWN
SP00246A3	AMENDMENT TOTHE ADOPTED SP 246 A1 THAT WOULD REMOVE THE MID COUNTY PARKWAY OVERLAY CONDITIONTHAT ALSO AFFECTS TTM33977 AND TTM33978 AND WERE CONCURRENTLY PROCESSED AS MINOR CHANGES	APPROVED
SP00246S1	INCREASE NUMBER OF LOTS FROM 195 TO 208	APPROVED
SP00372		VOID
TR33976	63.4 AC/15 CONDO LOTS(207 UNITS)7 O-S/1 SCHL/4 OS	APPROVED
TR33976M1	MINOR CHANGE TO INCREASE BASIN SIZE	WITHDRAWN
TR33977	SCHED A: 127.73 AC/340 SFR/4 O-S/9 LS O-S/1 PARK	APPROVED
TR33977E02	THE SECOND EXTENSION OF TIME REQUEST FOR TENTATIVE TRACT MAP NO. 33977 PROPOSED TO EXTEND THE MAP'S CURRENT EXPIRATION DATE OF OCTOBER 18, 2017 FOR AN ADDITIONAL 3 YEARS, TO OCTOBER 18, 2020, SUBJECT TO ALL THE PREVIOUSLY APPROVED AND AMENDED CONDITIONS OF APPROVAL WITH TO THE APPLICANT'S CONSENT. THE APPROVED TENTATIVE MAP S A SCHEDULE "A" SUBDIVISION OF 123.07 ACRES INTO 309 RESIDENTIAL LOTS WITH A MINIMUM LOT SIZE OF 5,000 SQ. FT. AND 8 OPEN SPACE LOTS.	APPROVED
TR33977M1		APPLIED
TR33978	51.15 AC/139 SFR LOTS/5 L/S LOTS/2 LOTS PRESV ROCK	APPROVED
TR33978E02	SECOND EXTENSION OF TIME FOR TR33978 PROPOSED TO EXTEND THE MAP'S CURRENT EXPIRATION DATE OF OCTOBER 18, 2017 FOR AN ADDITIONAL 3 YEARS, TO OCTOBER 18, 2020, SUBJECT TO ALL THE PREVIOUSLY APPROVED AND AMENDED CONDITIONS OF APPROVAL WITH TO THE APPLICANT'S CONSENT. THE APPROVED TENTATIVE MAP S A SCHEDULE "A" SUBDIVISION OF 51.15 ACRES INTO 139 RESIDENTIAL LOTS WITH A MINIMUM LOT SIZE OF 6,000 SQ. FT. AND 2 OPEN SPACE LOTS TO PRESERVE NATURAL ROCK OUTCROPPINGS AND 5 OPEN SPACE LOTS FOR COMMON LANDSCAPING. THE MAP INCLUDES THREE PROPOSED PHASES. THE FIRST PHASE IS PROPOSED TO CONTAIN 70 RESIDENTIAL LOTS AND ONE 9.49 ACRE OPEN SPACE LOT. THE OPEN SPACE LOT IN THIS PHASE IS A LARGE HILLSIDE SLOPE THAT IS FRONTED BY A STREET TO MAXIMIZE VISUAL BENEFITS TO THE COMMUNITY. THE SECOND PHASE WILL CONTAIN 64 RESIDENTIAL LOTS. THE FINAL PHASE WILL CONTAIN 5 RESIDENTIAL LOTS, AND ONE OPEN SPACE LOT TO PRESERVE ROCK OUTCROPPINGS.	APPROVED
TR33978M1	MINOR CHANGE 51.15 AC/139 SFR LOTS AND 7 OS LOTS	APPROVED
TR33978R01	1ST REVISION TO 33978 TENTATIVE TRACT MAP FOR 139 APPROVED LOTS	APPROVED

Survey Cases

Case	Case Description	Status
FSM33978	SCHED A 51.15 SFR LOTS, PARENT PHASE	PEND CORRECTION
FSM3397801	PHASE 1 OF TR 33978	PEND CORRECTION
FSM3397802	PHASE 2 OF TR 33978	PEND CORRECTION
MAP32438		ISSUED
MAP32439		ISSUED
MAP33977		ISSUED
MAP33978		ISSUED

Transportation Cases

Case	Case Description	Status
BMP130234	CONST NPDES INSP TR33978 LOTS 1-149	VOID
IP130042	TR33978-2 FOOTHILL AVE & WALNUT AVE	ASSIGNED
IP130043	TR33978-1 FOOTHILL AVE & WALNUT AVE	ASSIGNED

NUEVO

DISTRIBUTION CENTER

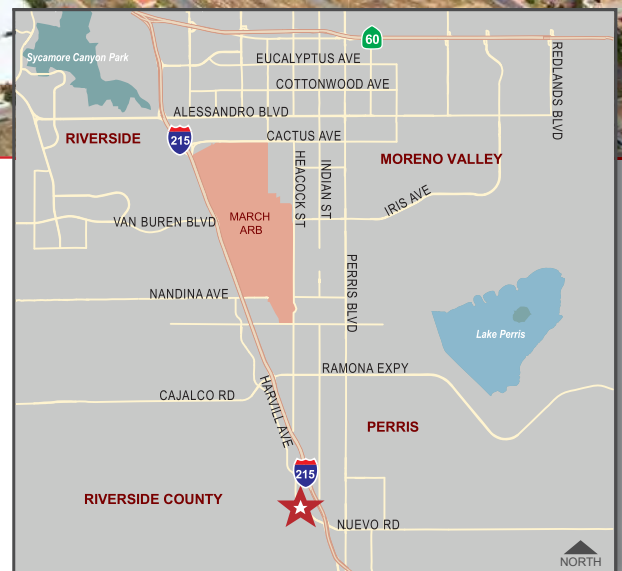
STATE-OF-THE-ART DISTRIBUTION CENTER LOCATED ON 99 ACRES

NUEVO ROAD & HARVILL AVENUE | RIVERSIDE COUNTY, CA



PROJECT FEATURES:

- State-of-the-Art Industrial Distribution Buildings
- 36' Warehouse Clearance
- Offices to Suit
- Dock High & Grade Level Loading Doors
- Cross Dock Loading Configuration
- Large Secured Concrete Truck Court
- Abundant Trailer Parking
- 2.5% Skylights
- ESFR Fire Sprinkler System
- Foreign Trade Zone #244
- Easy Access to I-215 & SR-60 Freeways
- Located within Riverside County Jurisdiction
- Corporate Neighbors include:
 - Whirlpool, Ross Dress for Less, Lowes,
 - HanesBrands, Philips Lighting, Kia Motors
 - Tesco Foods, Harman Kardon, Skechers



Development, Management & Marketing by:



For further information, please contact:

CHUCK BELDEN, SIOR
(909) 942-4640
chuck.belden@cushwake.com
License #00844840

KYLE KEHNER
(909) 942-4645
kyle.kehner@cushwake.com
License #01239566

TIM PIMENTEL
(909) 942-4647
tim.pimentel@cushwake.com
License #01421452



NUEVO

DISTRIBUTION CENTER

STATE-OF-THE-ART DISTRIBUTION CENTER LOCATED ON 99 ACRES

NUEVO ROAD & HARVILL AVENUE | RIVERSIDE COUNTY, CA

CONCEPTUAL SITE PLAN

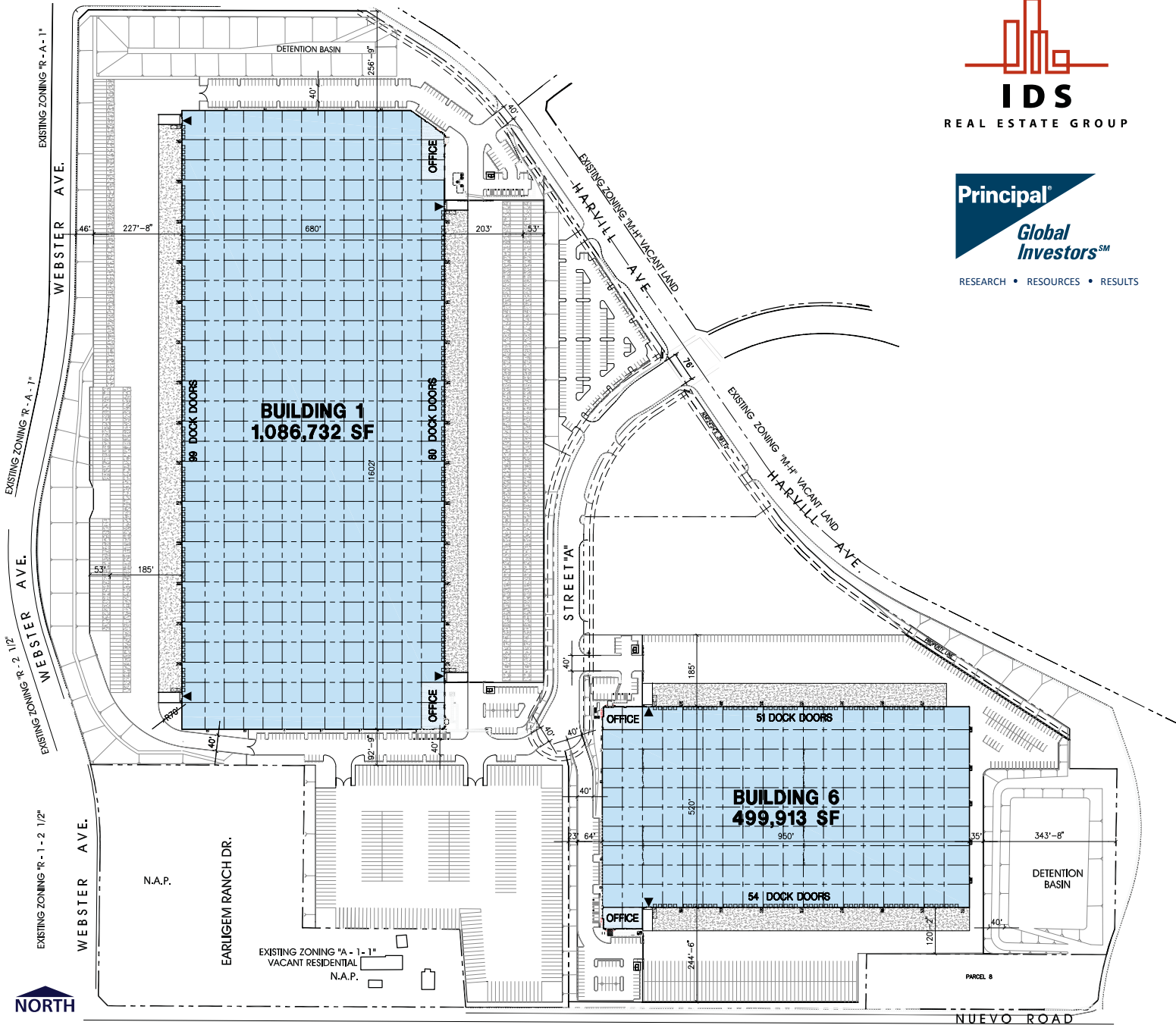
Development, Management & Marketing by:



REAL ESTATE GROUP



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For further information, please contact:

CHUCK BELDEN, SIOR
(909) 942-4640
chuck.belden@cushwake.com
License #00844840

KYLE KEHNER
(909) 942-4645
kyle.kehner@cushwake.com
License #01239566

TIM PIMENTEL
(909) 942-4647
tim.pimentel@cushwake.com
License #01421452



901 N.Via Piemonte, Suite 200
Ontario, California 91764
License# 00616335
www.cushwake.com

Appendix E

Truck Split Percentages Reference

BACK UP SLIDES

Warehouse Truck Trip Study Data Results and Usage

Stakeholder Working Group
July 17, 2014



Cleaning the Air That We Breathe...

SCAQMD Warehouse Truck Study – Peaking Factor from Business Survey

- Business Survey Question
 - *“How much more trucking occurs at your facility during peak months compared to average months?”*
- Response
 - 30 high cube warehouse facilities responded

Statistical Measure	Percent Increase
Minimum	5%
Maximum	100%
Overall Average	27%
Cold Storage Average (N=14)	20%
Non Cold Storage Average (N=16)	33%

SCAQMD Warehouse Truck Study Truck Fleet Mix

Grouping	All Trucks	Actual %		
		2-Axle	3-Axle	4+ Axle
SCAQMD Composite	31.0%	6.8%	5.5%	18.7%
With Cold Storage	44.7%	15.5%	4.9%	24.3%
Without Cold Storage	27.5%	4.6%	5.7%	17.2%
Fontana Study	20.4%	3.5%	4.6%	12.3%

Grouping	All Trucks	Normalized %		
		2-Axle	3-Axle	4+ Axle
SCAQMD Composite	31.0%	21.9%	17.7%	60.3%
With Cold Storage	44.7%	34.7%	11.0%	54.4%
Without Cold Storage	27.5%	16.7%	20.7%	62.5%
Fontana Study	20.4%	17.2%	22.5%	60.3%

