Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (vph)	18	70	53	725	815	17
Ideal Flow (vphpl)	1700	1800	1700	1800	1800	1800
Total Lost time (s)	2.0	2.0	2.0	2.0	2.0	
Lane Util. Factor	1.00	1.00	1.00	*1.00	*1.00	
Frt	1.00	1.00	1.00	1.00	1.00	
Flt Protected	1.00	1.00	1.00	1.00	1.00	
Satd. Flow (prot)	1700	1800	1700	3600	3600	
Flt Permitted	1.00	1.00	1.00	1.00	1.00	
Satd. Flow (perm)	1700	1800	1700	3600	3600	
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	19	74	56	763	858	18
RTOR Reduction (vph)	0	0	0	0	0	0
Lane Group Flow (vph)	19	74	56	763	876	0
Turn Type		Perm	Prot			
Protected Phases	4		5	2	6	
Permitted Phases		4				
Actuated Green, G (s)	7.8	7.8	7.1	26.7	16.6	
Effective Green, g (s)	8.8	8.8	8.1	27.7	17.6	
Actuated g/C Ratio	0.22	0.22	0.20	0.68	0.43	
Clearance Time (s)	3.0	3.0	3.0	3.0	3.0	
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)	369	391	340	2462	1564	
v/s Ratio Prot	0.01		0.03	c0.21	c0.24	
v/s Ratio Perm		c0.04				
v/c Ratio	0.05	0.19	0.16	0.31	0.56	
Uniform Delay, d1	12.5	12.9	13.4	2.6	8.6	
Progression Factor	1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	0.1	0.2	0.2	0.1	0.5	
Delay (s)	12.6	13.2	13.6	2.6	9.0	
Level of Service	B	B	B	A	A	
Approach Delay (s)	13.1			3.4	9.0	
Approach LOS	B			A	A	

Intersection Summary

HCM Average Control Delay	6.7	HCM Level of Service	A
HCM Volume to Capacity ratio	0.39		
Actuated Cycle Length (s)	40.5	Sum of lost time (s)	6.0
Intersection Capacity Utilization	46.0%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (vph)	14	69	78	781	848	28
Ideal Flow (vphpl)	1700	1800	1700	1800	1800	1800
Total Lost time (s)	2.0	2.0	2.0	2.0	2.0	
Lane Util. Factor	1.00	1.00	1.00	*1.00	*1.00	
Frt	1.00	1.00	1.00	1.00	1.00	
Flt Protected	1.00	1.00	1.00	1.00	1.00	
Satd. Flow (prot)	1700	1800	1700	3600	3600	
Flt Permitted	1.00	1.00	1.00	1.00	1.00	
Satd. Flow (perm)	1700	1800	1700	3600	3600	
Peak-hour factor, PHF	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	16	77	87	868	942	31
RTOR Reduction (vph)	0	0	0	0	0	0
Lane Group Flow (vph)	16	77	87	868	973	0
Turn Type		Perm	Prot			
Protected Phases	4		5	2	6	
Permitted Phases		4				
Actuated Green, G (s)	7.9	7.9	7.1	28.6	18.5	
Effective Green, g (s)	8.9	8.9	8.1	29.6	19.5	
Actuated g/C Ratio	0.21	0.21	0.19	0.70	0.46	
Clearance Time (s)	3.0	3.0	3.0	3.0	3.0	
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)	356	377	324	2507	1652	
v/s Ratio Prot	0.01		0.05	c0.24	c0.27	
v/s Ratio Perm		c0.04				
v/c Ratio	0.04	0.20	0.27	0.35	0.59	
Uniform Delay, d1	13.4	13.9	14.7	2.6	8.5	
Progression Factor	1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	0.1	0.3	0.4	0.1	0.5	
Delay (s)	13.5	14.1	15.1	2.7	9.1	
Level of Service	B	B	B	A	A	
Approach Delay (s)	14.0			3.8	9.1	
Approach LOS	B			A	A	

Intersection Summary

HCM Average Control Delay	6.8	HCM Level of Service	A
HCM Volume to Capacity ratio	0.43		
Actuated Cycle Length (s)	42.5	Sum of lost time (s)	6.0
Intersection Capacity Utilization	47.4%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group

15. Riverside Avenue / Jurupa Avenue

Count Date: 4/21/2010
Peak Hour: 7:15-8:15 AM
PHF: 0.947

Riverside Avenue

4+ Axle Trucks	0	43	0	43	53	96
3 Axle Trucks	1	17	0	18	17	35
2 Axle Trucks	1	32	0	33	41	74
Passenger Cars	13	604	0	617	488	1105
Total in PCE	17	815	0	832	743	1575
				In	Out	Total

Jurupa Avenue

4+ Axle Trucks	6	0	0	6	1	7
3 Axle Trucks	1	0	0	1	3	4
2 Axle Trucks	9	0	2	11	4	15
Passenger Cars	36	0	15	51	54	105
Total in PCE	70	0	18	88	70	158
				In	Out	Total

Jurupa Avenue

Total in PCE	0	0	0	0	0	0
Passenger Cars	0	0	0	0	0	0
2 Axle Trucks	0	0	0	0	0	0
3 Axle Trucks	0	0	0	0	0	0
4+ Axle Trucks	0	0	0	0	0	0
				In	Out	Total

Riverside Avenue

Total in PCE	1663	885	778	53	725	0
Passenger Cars	1154	640	514	41	473	0
2 Axle Trucks	83	41	42	3	39	0
3 Axle Trucks	37	18	19	2	17	0
4+ Axle Trucks	103	49	54	1	53	0
	Total	Out	In			

PCE Factors

Passenger Cars = 1.0 PCE

2 Axle Trucks = 1.5 PCE

3 Axle Trucks = 2.0 PCE

4+ Axle Trucks = 3.0 PCE

15. Riverside Avenue / Jurupa Avenue

Count Date: 4/21/2010
Peak Hour: 4:30-5:30 PM
PHF: 0.901

Riverside Avenue

4+ Axle Trucks	0	47	0	47	41	88
3 Axle Trucks	1	22	0	23	14	37
2 Axle Trucks	0	21	0	21	15	36
Passenger Cars	26	631	0	657	621	1278
Total in PCE	28	848	0	876	795	1671
				In	Out	Total

Jurupa Avenue

4+ Axle Trucks	4	0	0	4	8	12
3 Axle Trucks	1	0	0	1	2	3
2 Axle Trucks	1	0	0	1	4	5
Passenger Cars	53	0	14	67	72	139
Total in PCE	69	0	14	83	106	189
				In	Out	Total

Jurupa Avenue

Total in PCE	0	0	0	0	0	0
Passenger Cars	0	0	0	0	0	0
2 Axle Trucks	0	0	0	0	0	0
3 Axle Trucks	0	0	0	0	0	0
4+ Axle Trucks	0	0	0	0	0	0
				In	Out	Total

Riverside Avenue

Total in PCE	0	781	78	859	917	1776
Passenger Cars	0	607	46	653	684	1337
2 Axle Trucks	0	15	4	19	22	41
3 Axle Trucks	0	14	1	15	23	38
4+ Axle Trucks	0	41	8	49	51	100
				In	Out	Total

PCE Factors

Passenger Cars = 1.0 PCE

2 Axle Trucks = 1.5 PCE

3 Axle Trucks = 2.0 PCE

4+ Axle Trucks = 3.0 PCE

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUAM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 1

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

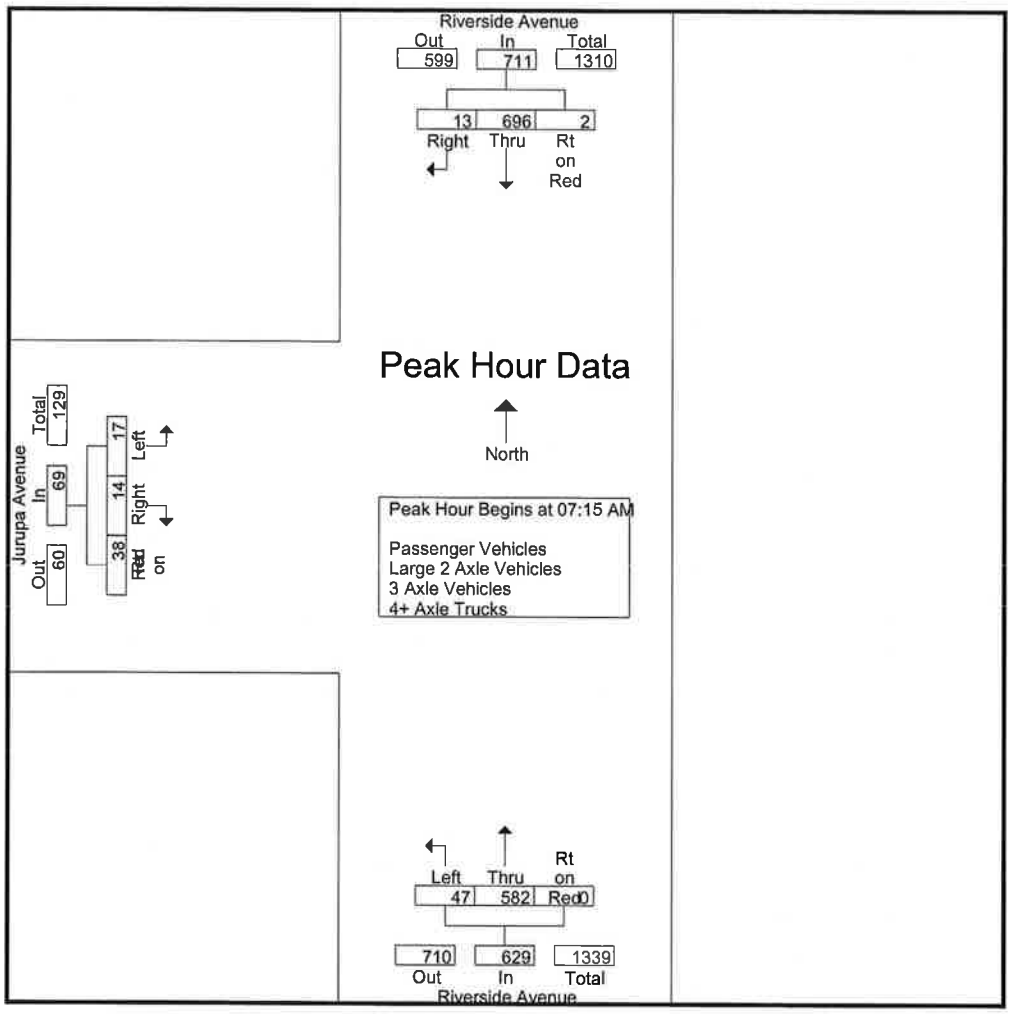
	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
07:00 AM	120	4	1	125	20	134	0	154	4	2	12	18	297
07:15 AM	153	5	0	158	11	150	0	161	7	2	12	21	340
07:30 AM	187	7	1	195	11	155	0	166	3	1	7	11	372
07:45 AM	188	1	1	190	15	133	0	148	3	5	8	16	354
Total	648	17	3	668	57	572	0	629	17	10	39	66	1363
08:00 AM	168	0	0	168	10	144	0	154	4	6	11	21	343
08:15 AM	122	8	0	130	10	142	0	152	5	2	11	18	300
08:30 AM	115	1	1	117	4	116	0	120	3	2	5	10	247
08:45 AM	111	5	1	117	8	138	0	146	4	8	7	19	282
Total	516	14	2	532	32	540	0	572	16	18	34	68	1172
Grand Total	1164	31	5	1200	89	1112	0	1201	33	28	73	134	2535
Apprch %	97	2.6	0.4		7.4	92.6	0		24.6	20.9	54.5		
Total %	45.9	1.2	0.2	47.3	3.5	43.9	0	47.4	1.3	1.1	2.9	5.3	
Passenger Vehicles	959	26	4	989	77	893	0	970	30	16	50	96	2055
% Passenger Vehicles	82.4	83.9	80	82.4	86.5	80.3	0	80.8	90.9	57.1	68.5	71.6	81.1
Large 2 Axle Vehicles	72	4	0	76	7	75	0	82	2	4	11	17	175
% Large 2 Axle Vehicles	6.2	12.9	0	6.3	7.9	6.7	0	6.8	6.1	14.3	15.1	12.7	6.9
3 Axle Vehicles	39	0	1	40	2	36	0	38	0	1	2	3	81
% 3 Axle Vehicles	3.4	0	20	3.3	2.2	3.2	0	3.2	0	3.6	2.7	2.2	3.2
4+ Axle Trucks	94	1	0	95	3	108	0	111	1	7	10	18	224
% 4+ Axle Trucks	8.1	3.2	0	7.9	3.4	9.7	0	9.2	3	25	13.7	13.4	8.8

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	153	5	0	158	11	150	0	161	7	2	12	21	340
07:30 AM	187	7	1	195	11	155	0	166	3	1	7	11	372
07:45 AM	188	1	1	190	15	133	0	148	3	5	8	16	354
08:00 AM	168	0	0	168	10	144	0	154	4	6	11	21	343
Total Volume	696	13	2	711	47	582	0	629	17	14	38	69	1409
% App. Total	97.9	1.8	0.3		7.5	92.5	0		24.6	20.3	55.1		
PHF	.926	.464	.500	.912	.783	.939	.000	.947	.607	.583	.792	.821	.947

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUAM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 2



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				07:15 AM			
+0 mins.	153	5	0	158	**20**	134	0	154	**7**	2	**12**	**21**
+15 mins.	187	**7**	**1**	**195**	11	150	0	161	3	1	7	11
+30 mins.	**188**	1	1	190	11	**155**	0	**166**	3	5	8	16
+45 mins.	168	0	0	168	15	133	0	148	4	**6**	11	**21**
Total Volume	696	13	2	711	57	572	0	629	17	14	38	69
% App. Total	97.9	1.8	0.3		9.1	90.9	0		24.6	20.3	55.1	
PHF	.926	.464	.500	.912	.713	.923	.000	.947	.607	.583	.792	.821

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUAM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 1

Groups Printed- Passenger Vehicles

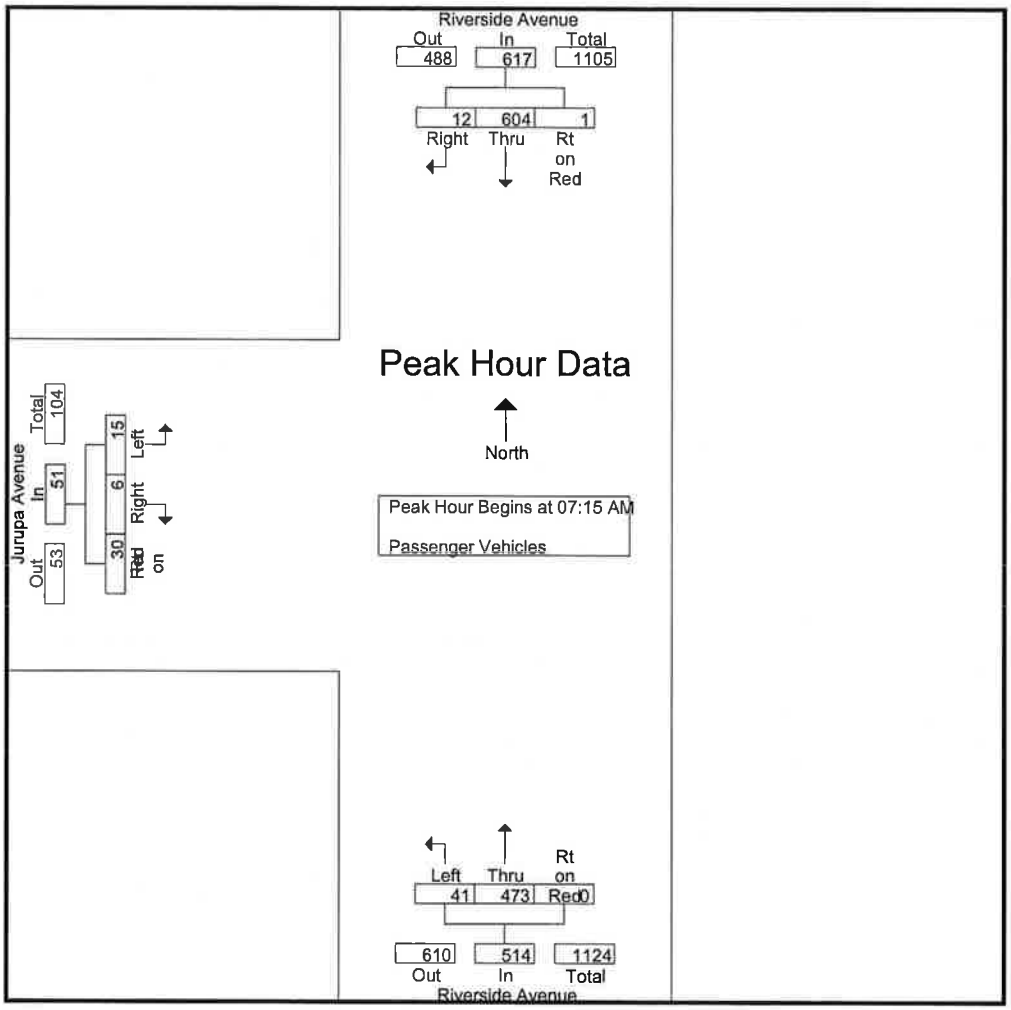
	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
07:00 AM	99	3	1	103	18	113	0	131	4	2	7	13	247
07:15 AM	128	5	0	133	10	129	0	139	6	1	9	16	288
07:30 AM	165	6	1	172	10	134	0	144	3	0	6	9	325
07:45 AM	161	1	0	162	13	103	0	116	3	2	6	11	289
Total	553	15	2	570	51	479	0	530	16	5	28	49	1149
08:00 AM	150	0	0	150	8	107	0	115	3	3	9	15	280
08:15 AM	98	7	0	105	9	113	0	122	5	2	6	13	240
08:30 AM	82	1	1	84	3	81	0	84	2	1	4	7	175
08:45 AM	76	3	1	80	6	113	0	119	4	5	3	12	211
Total	406	11	2	419	26	414	0	440	14	11	22	47	906
Grand Total	959	26	4	989	77	893	0	970	30	16	50	96	2055
Apprch %	97	2.6	0.4		7.9	92.1	0		31.2	16.7	52.1		
Total %	46.7	1.3	0.2	48.1	3.7	43.5	0	47.2	1.5	0.8	2.4	4.7	

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	128	5	0	133	10	129	0	139	**6**	1	**9**	**16**	288
07:30 AM	**165**	**6**	**1**	**172**	10	**134**	0	**144**	3	0	6	9	**325**
07:45 AM	161	1	0	162	**13**	103	0	116	3	2	6	11	289
08:00 AM	150	0	0	150	8	107	0	115	3	3	9	15	280
Total Volume	604	12	1	617	41	473	0	514	15	6	30	51	1182
% App. Total	97.9	1.9	0.2		8	92	0		29.4	11.8	58.8		
PHF	.915	.500	.250	.897	.788	.882	.000	.892	.625	.500	.833	.797	.909

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUAM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 2



Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:15 AM				07:15 AM				07:15 AM			
+0 mins.	128	5	0	133	10	129	0	139	**6**	1	**9**	**16**
+15 mins.	**165**	**6**	**1**	**172**	10	**134**	0	**144**	3	0	6	9
+30 mins.	161	1	0	162	**13**	103	0	116	3	2	6	11
+45 mins.	150	0	0	150	8	107	0	115	3	**3**	9	15
Total Volume	604	12	1	617	41	473	0	514	15	6	30	51
% App. Total	97.9	1.9	0.2		8	92	0		29.4	11.8	58.8	
PHF	.915	.500	.250	.897	.788	.882	.000	.892	.625	.500	.833	.797

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUAM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 1

Groups Printed- Large 2 Axle Vehicles

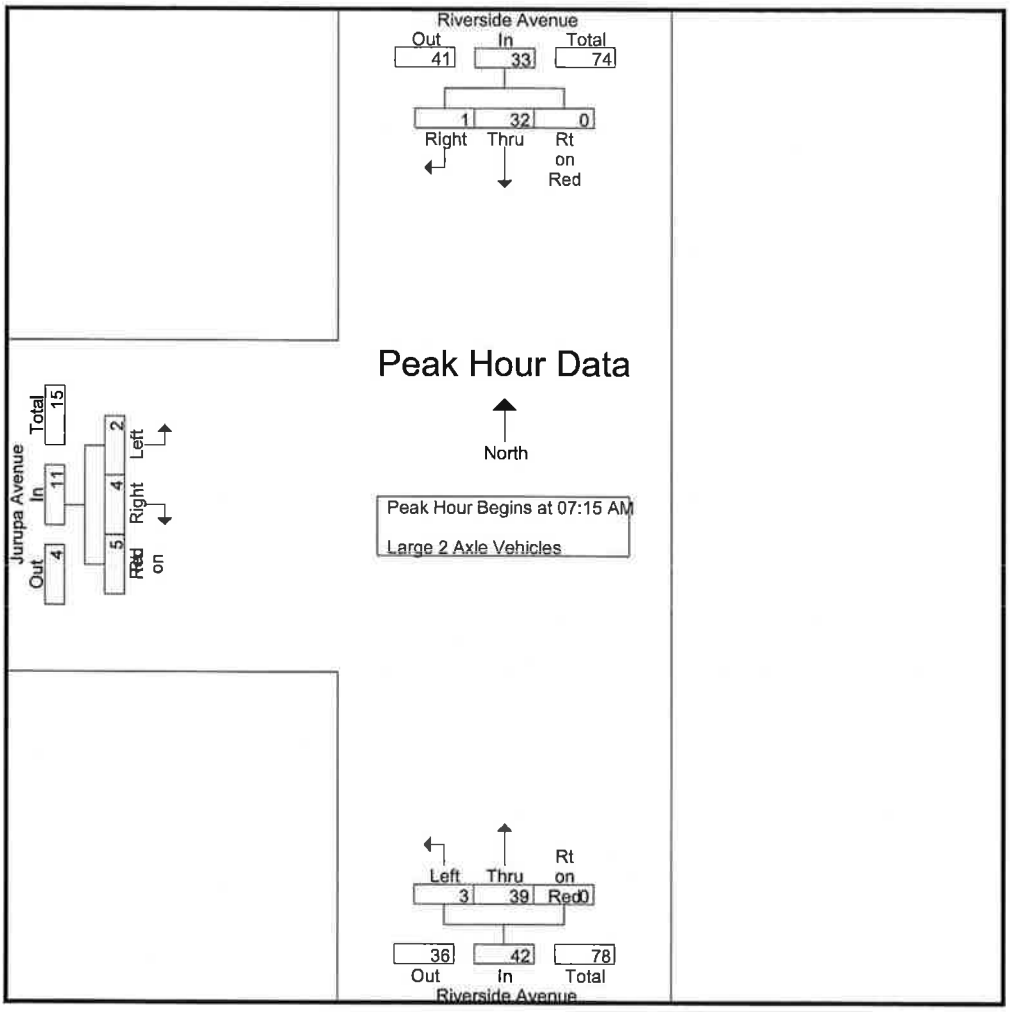
	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
07:00 AM	5	1	0	6	1	4	0	5	0	0	3	3	14
07:15 AM	10	0	0	10	0	2	0	2	1	1	2	4	16
07:30 AM	8	1	0	9	0	6	0	6	0	0	1	1	16
07:45 AM	9	0	0	9	2	12	0	14	0	3	2	5	28
Total	32	2	0	34	3	24	0	27	1	4	8	13	74
08:00 AM	5	0	0	5	1	19	0	20	1	0	0	1	26
08:15 AM	8	0	0	8	1	12	0	13	0	0	2	2	23
08:30 AM	12	0	0	12	1	15	0	16	0	0	0	0	28
08:45 AM	15	2	0	17	1	5	0	6	0	0	1	1	24
Total	40	2	0	42	4	51	0	55	1	0	3	4	101
Grand Total	72	4	0	76	7	75	0	82	2	4	11	17	175
Apprch %	94.7	5.3	0		8.5	91.5	0		11.8	23.5	64.7		
Total %	41.1	2.3	0	43.4	4	42.9	0	46.9	1.1	2.3	6.3	9.7	

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
eak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	**10**	0	0	**10**	0	2	0	2	**1**	1	**2**	4	16
07:30 AM	8	**1**	0	9	0	6	0	6	0	**0**	1	1	16
07:45 AM	9	0	0	9	**2**	12	0	14	0	**3**	2	**5**	**28**
08:00 AM	5	0	0	5	1	**19**	0	**20**	1	0	0	1	26
Total Volume	32	1	0	33	3	39	0	42	2	4	5	11	86
% App. Total	97	3	0		7.1	92.9	0		18.2	36.4	45.5		
PHF	.800	.250	.000	.825	.375	.513	.000	.525	.500	.333	.625	.550	.768

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUAM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 2



Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:15 AM				07:15 AM				07:15 AM			
+0 mins.	**10**	0	0	**10**	0	2	0	2	**1**	1	**2**	4
+15 mins.	8	**1**	0	9	0	6	0	6	0	0	1	1
+30 mins.	9	0	0	9	**2**	12	0	14	0	**3**	2	**5**
+45 mins.	5	0	0	5	1	**19**	0	**20**	1	0	0	1
Total Volume	32	1	0	33	3	39	0	42	2	4	5	11
% App. Total	97	3	0		7.1	92.9	0		18.2	36.4	45.5	
PHF	.800	.250	.000	.825	.375	.513	.000	.525	.500	.333	.625	.550

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUAM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 1

Groups Printed- 3 Axle Vehicles

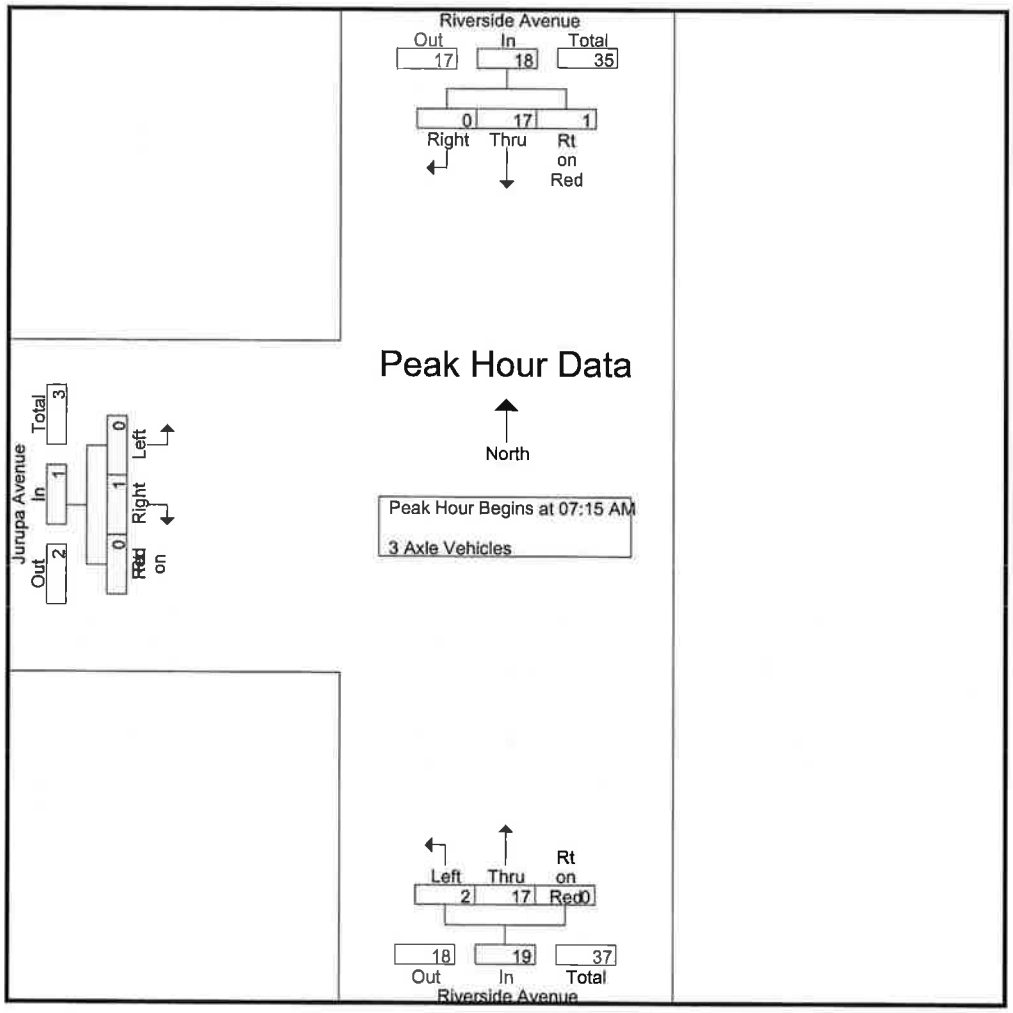
	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
07:00 AM	4	0	0	4	0	7	0	7	0	0	1	1	12
07:15 AM	3	0	0	3	1	8	0	9	0	0	0	0	12
07:30 AM	4	0	0	4	0	5	0	5	0	0	0	0	9
07:45 AM	7	0	1	8	0	2	0	2	0	0	0	0	10
Total	18	0	1	19	1	22	0	23	0	0	1	1	43
08:00 AM	3	0	0	3	1	2	0	3	0	1	0	1	7
08:15 AM	2	0	0	2	0	2	0	2	0	0	1	1	5
08:30 AM	7	0	0	7	0	5	0	5	0	0	0	0	12
08:45 AM	9	0	0	9	0	5	0	5	0	0	0	0	14
Total	21	0	0	21	1	14	0	15	0	1	1	2	38
Grand Total	39	0	1	40	2	36	0	38	0	1	2	3	81
Apprch %	97.5	0	2.5		5.3	94.7	0		0	33.3	66.7		
Total %	48.1	0	1.2	49.4	2.5	44.4	0	46.9	0	1.2	2.5	3.7	

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	3	0	0	3	1	8	0	9	0	0	0	0	12
07:30 AM	4	0	0	4	0	5	0	5	0	0	0	0	9
07:45 AM	7	0	1	8	0	2	0	2	0	0	0	0	10
08:00 AM	3	0	0	3	1	2	0	3	0	1	0	1	7
Total Volume	17	0	1	18	2	17	0	19	0	1	0	1	38
% App. Total	94.4	0	5.6		10.5	89.5	0		0	100	0		
PHF	.607	.000	.250	.563	.500	.531	.000	.528	.000	.250	.000	.250	.792

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUAM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 2



Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:15 AM				07:15 AM				07:15 AM			
+0 mins.	3	0	0	3	**1**	**8**	0	**9**	0	0	0	0
+15 mins.	4	0	0	4	0	5	0	5	0	0	0	0
+30 mins.	**7**	0	**1**	**8**	0	2	0	2	0	0	0	0
+45 mins.	3	0	0	3	1	2	0	3	0	**1**	0	**1**
Total Volume	17	0	1	18	2	17	0	19	0	1	0	1
% App. Total	94.4	0	5.6		10.5	89.5	0		0	100	0	
PHF	.607	.000	.250	.563	.500	.531	.000	.528	.000	.250	.000	.250

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUAM
Site Code : 10085037
Start Date : 4/21/2010
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Groups Printed- 4+ Axle Trucks

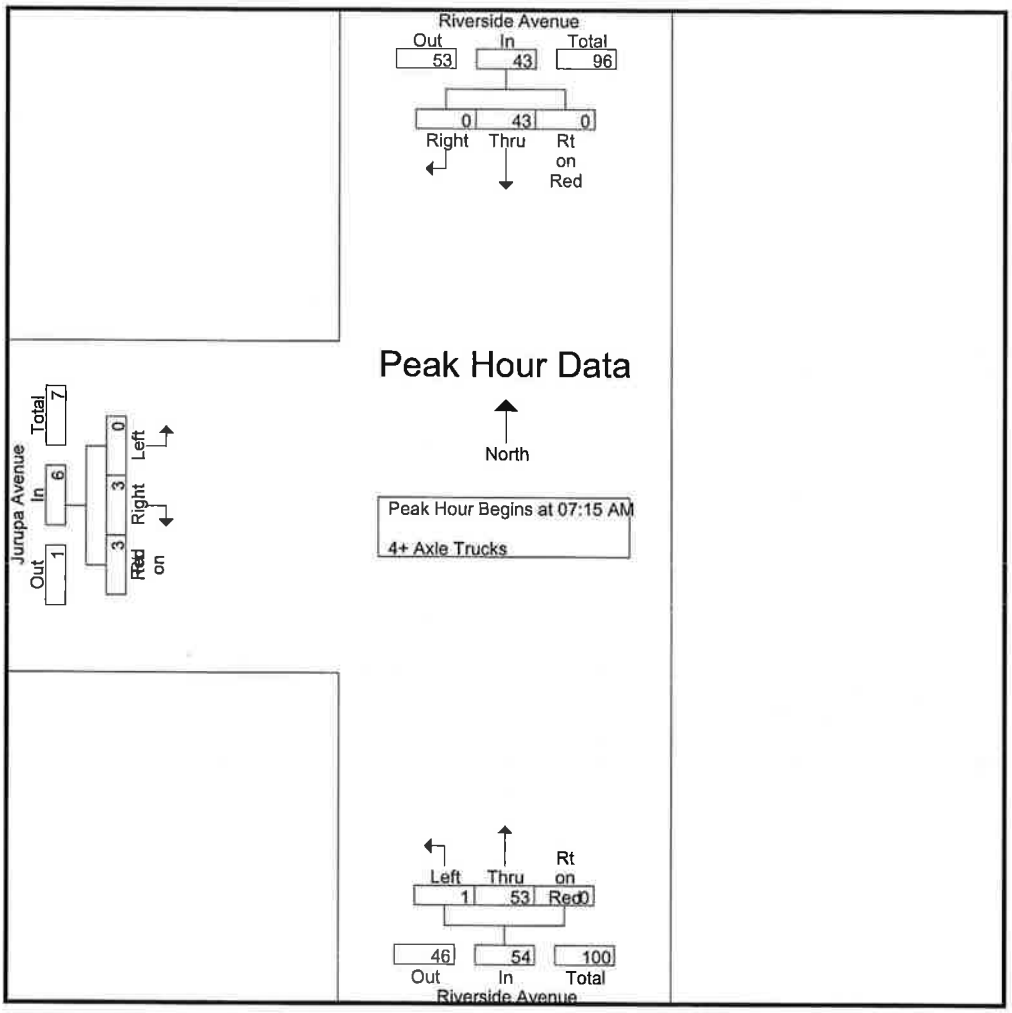
	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
07:00 AM	12	0	0	12	1	10	0	11	0	0	1	1	24
07:15 AM	12	0	0	12	0	11	0	11	0	0	1	1	24
07:30 AM	10	0	0	10	1	10	0	11	0	1	0	1	22
07:45 AM	11	0	0	11	0	16	0	16	0	0	0	0	27
Total	45	0	0	45	2	47	0	49	0	1	2	3	97
08:00 AM	10	0	0	10	0	16	0	16	0	2	2	4	30
08:15 AM	14	1	0	15	0	15	0	15	0	0	2	2	32
08:30 AM	14	0	0	14	0	15	0	15	1	1	1	3	32
08:45 AM	11	0	0	11	1	15	0	16	0	3	3	6	33
Total	49	1	0	50	1	61	0	62	1	6	8	15	127
Grand Total	94	1	0	95	3	108	0	111	1	7	10	18	224
Apprch %	98.9	1.1	0		2.7	97.3	0		5.6	38.9	55.6		
Total %	42	0.4	0	42.4	1.3	48.2	0	49.6	0.4	3.1	4.5	8	

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	**12**	0	0	**12**	**0**	11	0	11	0	0	1	1	24
07:30 AM	10	0	0	10	**1**	10	0	11	0	1	0	1	22
07:45 AM	11	0	0	11	0	**16**	0	**16**	0	0	0	0	27
08:00 AM	10	0	0	10	0	16	0	16	0	**2**	**2**	**4**	**30**
Total Volume	43	0	0	43	1	53	0	54	0	3	3	6	103
% App. Total	100	0	0		1.9	98.1	0		0	50	50		
PHF	.896	.000	.000	.896	.250	.828	.000	.844	.000	.375	.375	.375	.858

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUAM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 2



Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:15 AM				07:15 AM				07:15 AM			
+0 mins.	**12**	0	0	**12**	0	11	0	11	0	0	1	1
+15 mins.	10	0	0	10	**1**	10	0	11	0	1	0	1
+30 mins.	11	0	0	11	0	**16**	0	**16**	0	0	0	0
+45 mins.	10	0	0	10	0	16	0	16	0	**2**	**2**	**4**
Total Volume	43	0	0	43	1	53	0	54	0	3	3	6
% App. Total	100	0	0		1.9	98.1	0		0	50	50	
PHF	.896	.000	.000	.896	.250	.828	.000	.844	.000	.375	.375	.375

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUPM
Site Code : 10085037
Start Date : 4/21/2010
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Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
04:00 PM	155	6	1	162	7	144	0	151	1	3	22	26	339
04:15 PM	156	7	0	163	17	174	0	191	2	5	17	24	378
04:30 PM	173	10	1	184	14	165	0	179	2	2	14	18	381
04:45 PM	165	8	2	175	16	141	0	157	7	2	9	18	350
Total	649	31	4	684	54	624	0	678	12	12	62	86	1448
05:00 PM	166	3	0	169	14	188	0	202	4	5	14	23	394
05:15 PM	217	3	0	220	15	183	0	198	1	0	13	14	432
05:30 PM	194	12	0	206	3	148	0	151	6	5	10	21	378
05:45 PM	159	12	0	171	10	156	0	166	2	1	7	10	347
Total	736	30	0	766	42	675	0	717	13	11	44	68	1551
Grand Total	1385	61	4	1450	96	1299	0	1395	25	23	106	154	2999
Apprch %	95.5	4.2	0.3		6.9	93.1	0		16.2	14.9	68.8		
Total %	46.2	2	0.1	48.3	3.2	43.3	0	46.5	0.8	0.8	3.5	5.1	
Passenger Vehicles	1211	60	2	1273	65	1142	0	1207	25	18	98	141	2621
% Passenger Vehicles	87.4	98.4	50	87.8	67.7	87.9	0	86.5	100	78.3	92.5	91.6	87.4
Large 2 Axle Vehicles	36	1	0	37	11	40	0	51	0	1	3	4	92
% Large 2 Axle Vehicles	2.6	1.6	0	2.6	11.5	3.1	0	3.7	0	4.3	2.8	2.6	3.1
3 Axle Vehicles	40	0	1	41	2	34	0	36	0	2	0	2	79
% 3 Axle Vehicles	2.9	0	25	2.8	2.1	2.6	0	2.6	0	8.7	0	1.3	2.6
4+ Axle Trucks	98	0	1	99	18	83	0	101	0	2	5	7	207
% 4+ Axle Trucks	7.1	0	25	6.8	18.8	6.4	0	7.2	0	8.7	4.7	4.5	6.9

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. 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	173	**10**	1	184	14	165	0	179	2	2	**14**	18	381
04:45 PM	165	8	**2**	175	**16**	141	0	157	**7**	**2**	9	18	350
05:00 PM	166	3	0	169	14	**188**	0	**202**	4	**5**	14	**23**	394
05:15 PM	**217**	3	0	**220**	15	183	0	198	1	0	13	14	**432**
Total Volume	721	24	3	748	59	677	0	736	14	9	50	73	1557
% App. Total	96.4	3.2	0.4		8	92	0		19.2	12.3	68.5		
PHF	.831	.600	.375	.850	.922	.900	.000	.911	.500	.450	.893	.793	.901

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUPM
Site Code : 10085037
Start Date : 4/21/2010
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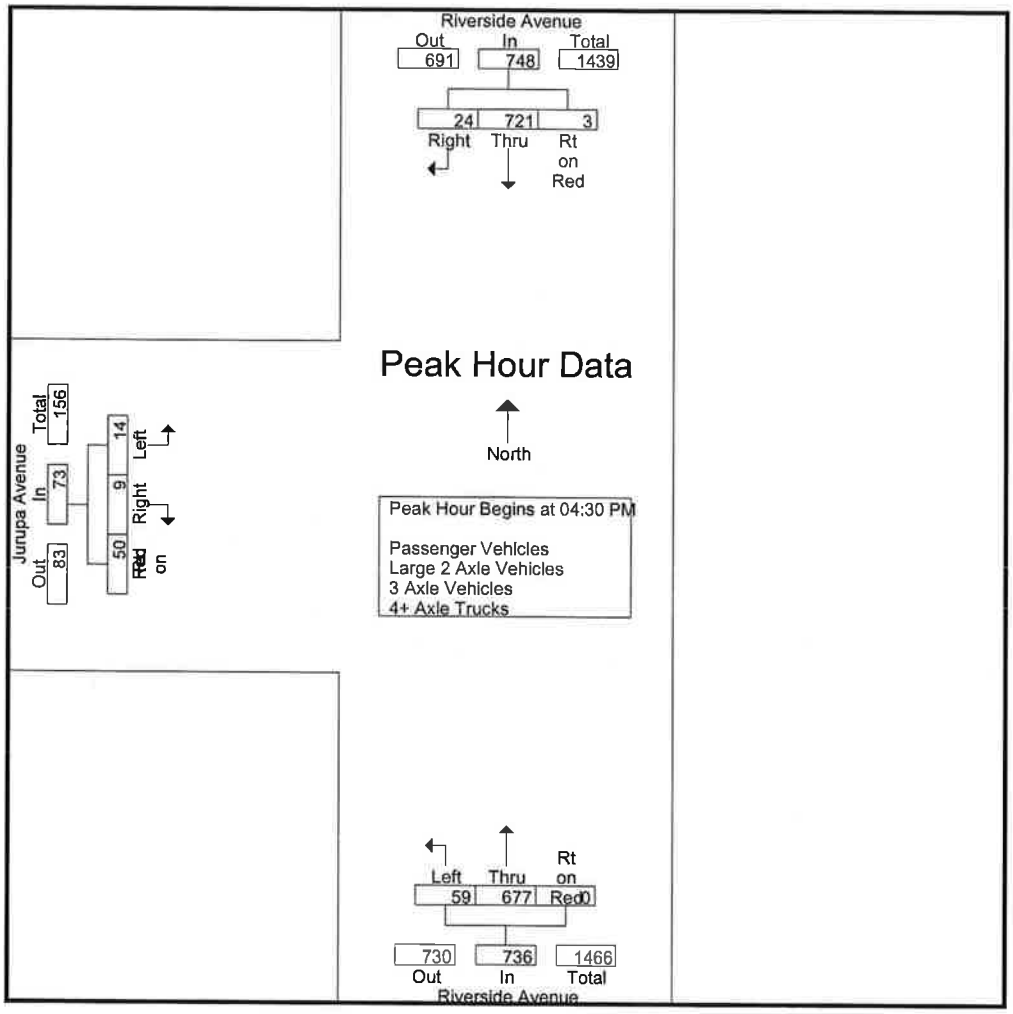

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:45 PM				04:30 PM				04:00 PM			
+0 mins.	165	8	**2**	175	14	165	0	179	1	3	**22**	**26**
+15 mins.	166	3	0	169	**16**	141	0	157	**2**	**5**	17	24
+30 mins.	**217**	3	0	**220**	14	**188**	0	**202**	**2**	2	14	18
+45 mins.	194	**12**	0	206	15	183	0	198	**7**	2	9	18
Total Volume	742	26	2	770	59	677	0	736	12	12	62	86
% App. Total	96.4	3.4	0.3		8	92	0		14	14	72.1	
PHF	.855	.542	.250	.875	.922	.900	.000	.911	.429	.600	.705	.827

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUPM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 1

Groups Printed- Passenger Vehicles

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
04:00 PM	137	6	0	143	1	124	0	125	1	2	22	25	293
04:15 PM	139	7	0	146	14	145	0	159	2	5	14	21	326
04:30 PM	158	10	1	169	12	147	0	159	2	2	12	16	344
04:45 PM	142	8	1	151	11	126	0	137	7	1	7	15	303
Total	576	31	2	609	38	542	0	580	12	10	55	77	1266
05:00 PM	144	3	0	147	12	170	0	182	4	4	14	22	351
05:15 PM	187	3	0	190	11	164	0	175	1	0	13	14	379
05:30 PM	163	11	0	174	1	131	0	132	6	3	9	18	324
05:45 PM	141	12	0	153	3	135	0	138	2	1	7	10	301
Total	635	29	0	664	27	600	0	627	13	8	43	64	1355
Grand Total	1211	60	2	1273	65	1142	0	1207	25	18	98	141	2621
Apprch %	95.1	4.7	0.2		5.4	94.6	0		17.7	12.8	69.5		
Total %	46.2	2.3	0.1	48.6	2.5	43.6	0	46.1	1	0.7	3.7	5.4	

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. 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	158	**10**	**1**	169	**12**	147	0	**159**	**2**	2	12	16	344
04:45 PM	142	8	1	151	11	126	0	137	**7**	1	7	15	303
05:00 PM	144	3	0	147	12	**170**	0	**182**	4	**4**	**14**	**22**	351
05:15 PM	**187**	3	0	**190**	11	164	0	175	1	0	13	14	**379**
Total Volume	631	24	2	657	46	607	0	653	14	7	46	67	1377
% App. Total	96	3.7	0.3		7	93	0		20.9	10.4	68.7		
PHF	.844	.600	.500	.864	.958	.893	.000	.897	.500	.438	.821	.761	.908

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUPM
Site Code : 10085037
Start Date : 4/21/2010
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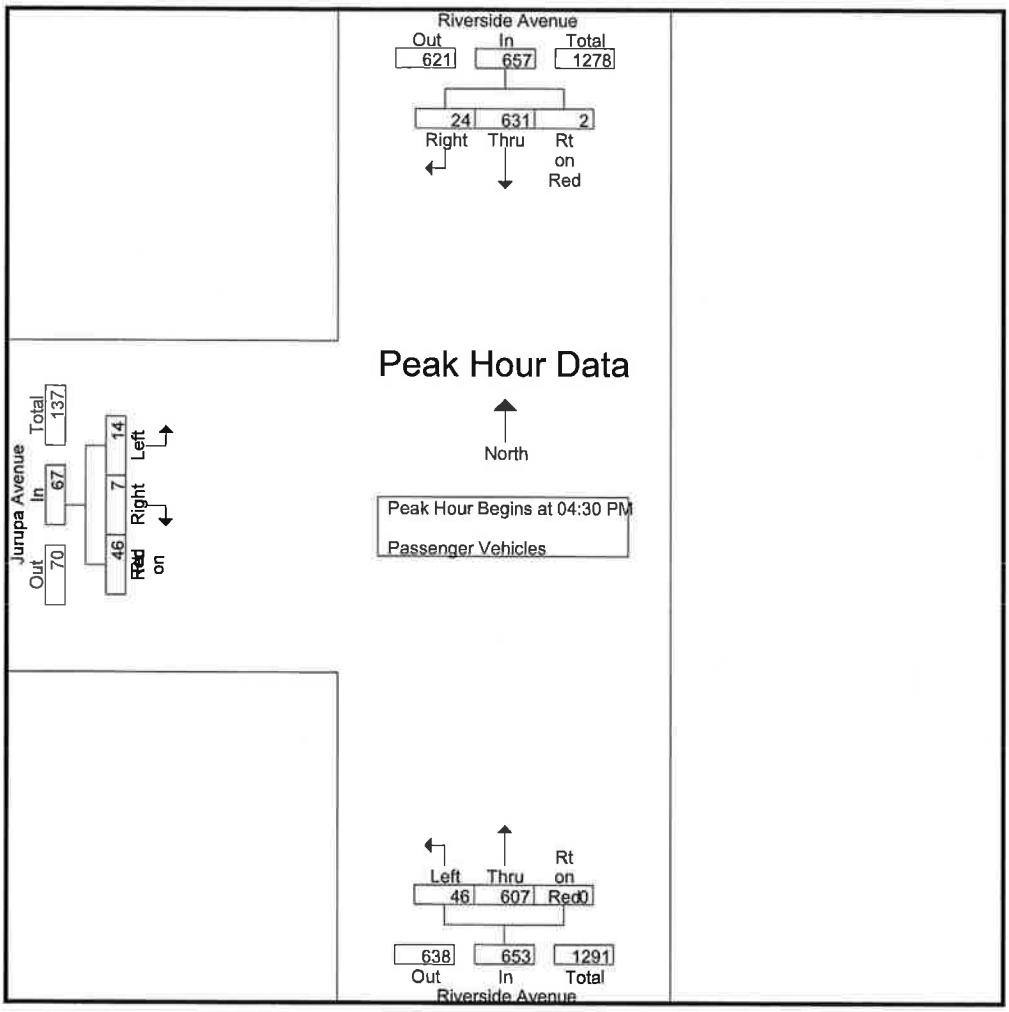

Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM			
+0 mins.	158	**10**	**1**	169	**12**	147	0	159	2	2	12	16
+15 mins.	142	8	1	151	11	126	0	137	**7**	1	7	15
+30 mins.	144	3	0	147	12	**170**	0	**182**	4	**4**	**14**	**22**
+45 mins.	**187**	3	0	**190**	11	164	0	175	1	**0**	13	14
Total Volume	631	24	2	657	46	607	0	653	14	7	46	67
% App. Total	96	3.7	0.3		7	93	0		20.9	10.4	68.7	
PHF	.844	.600	.500	.864	.958	.893	.000	.897	.500	.438	.821	.761

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUPM
Site Code : 10085037
Start Date : 4/21/2010
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Groups Printed- Large 2 Axle Vehicles

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
04:00 PM	6	0	0	6	0	5	0	5	0	1	0	1	12
04:15 PM	4	0	0	4	0	8	0	8	0	0	2	2	14
04:30 PM	5	0	0	5	1	1	0	2	0	0	0	0	7
04:45 PM	1	0	0	1	0	7	0	7	0	0	1	1	9
Total	16	0	0	16	1	21	0	22	0	1	3	4	42
05:00 PM	5	0	0	5	0	3	0	3	0	0	0	0	8
05:15 PM	10	0	0	10	3	4	0	7	0	0	0	0	17
05:30 PM	4	1	0	5	2	6	0	8	0	0	0	0	13
05:45 PM	1	0	0	1	5	6	0	11	0	0	0	0	12
Total	20	1	0	21	10	19	0	29	0	0	0	0	50
Grand Total	36	1	0	37	11	40	0	51	0	1	3	4	92
Apprch %	97.3	2.7	0		21.6	78.4	0		0	25	75		
Total %	39.1	1.1	0	40.2	12	43.5	0	55.4	0	1.1	3.3	4.3	

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. 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	5	0	0	5	1	1	0	2	0	0	0	0	7
04:45 PM	1	0	0	1	0	7	0	7	0	0	1	1	9
05:00 PM	5	0	0	5	0	3	0	3	0	0	0	0	8
05:15 PM	10	0	0	10	3	4	0	7	0	0	0	0	17
Total Volume	21	0	0	21	4	15	0	19	0	0	1	1	41
% App. Total	100	0	0		21.1	78.9	0		0	0	100		
PHF	.525	.000	.000	.525	.333	.536	.000	.679	.000	.000	.250	.250	.603

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
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File Name : RLTRIJUPM
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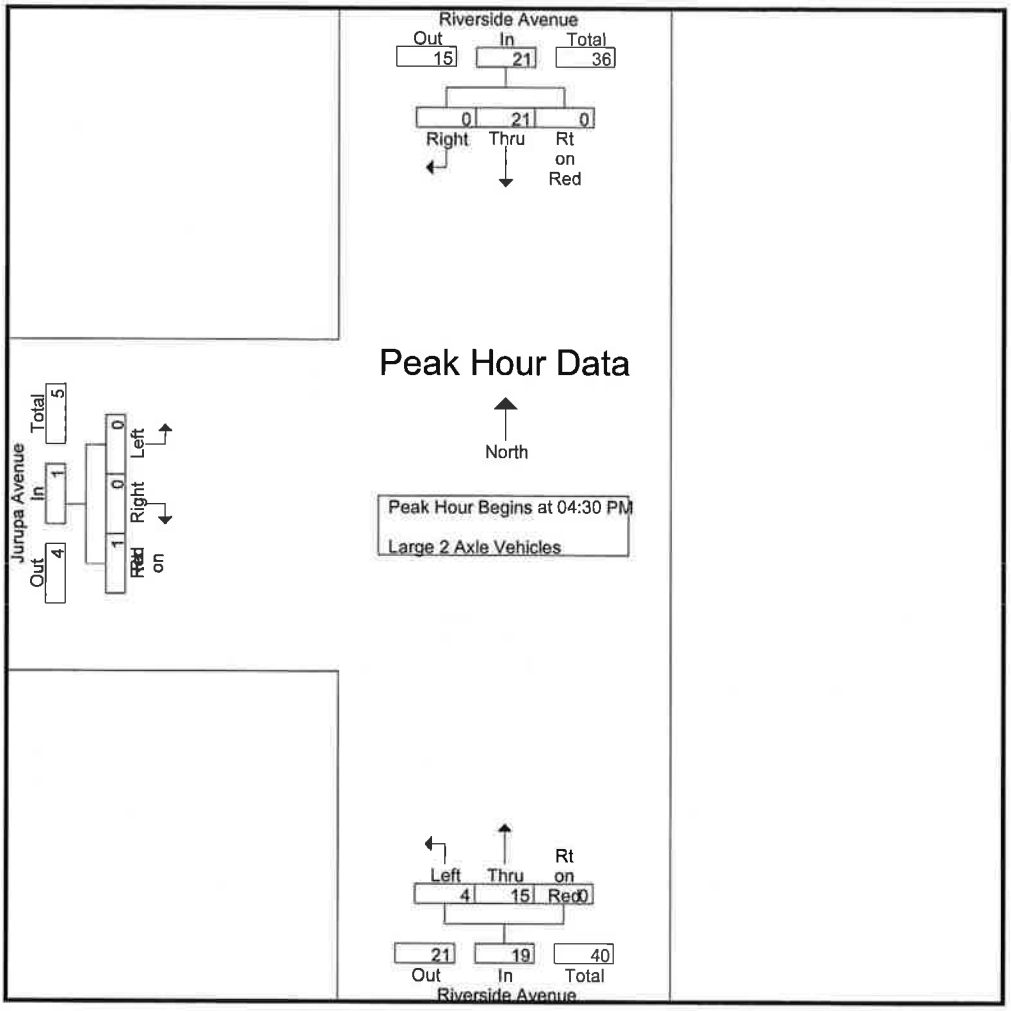
Start Date : 4/21/2010
Page No : 2



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			
+0 mins.	5	0	0	5	1	1	0	2	0	0	0	0
+15 mins.	1	0	0	1	0	7	0	7	0	0	1	1
+30 mins.	5	0	0	5	0	3	0	3	0	0	0	0
+45 mins.	10	0	0	10	3	4	0	7	0	0	0	0
Total Volume	21	0	0	21	4	15	0	19	0	0	1	1
% App. Total	100	0	0		21.1	78.9	0		0	0	100	
PHF	.525	.000	.000	.525	.333	.536	.000	.679	.000	.000	.250	.250

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUPM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 1

Groups Printed- 3 Axle Vehicles

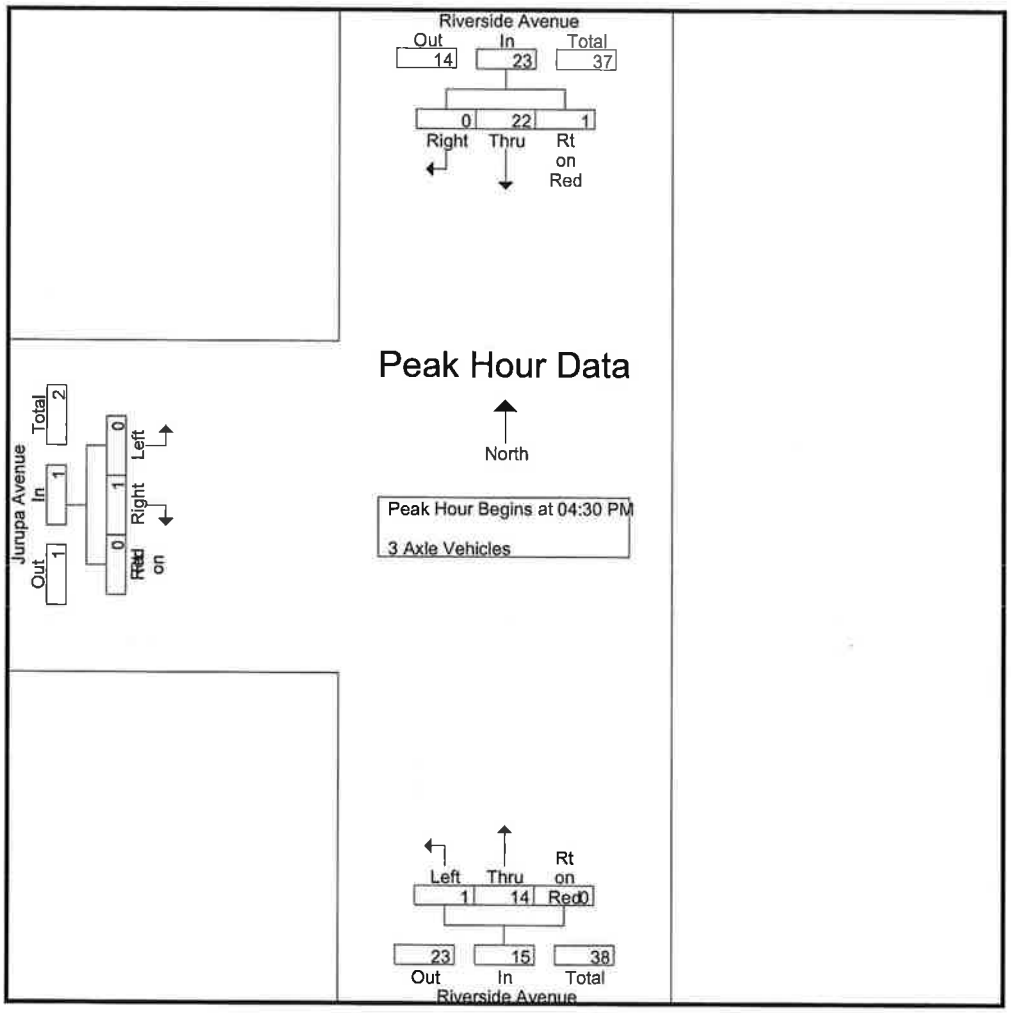
	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
04:00 PM	3	0	0	3	0	6	0	6	0	0	0	0	9
04:15 PM	3	0	0	3	1	8	0	9	0	0	0	0	12
04:30 PM	4	0	0	4	0	5	0	5	0	0	0	0	9
04:45 PM	7	0	1	8	0	2	0	2	0	0	0	0	10
Total	17	0	1	18	1	21	0	22	0	0	0	0	40
05:00 PM	3	0	0	3	1	2	0	3	0	1	0	1	7
05:15 PM	8	0	0	8	0	5	0	5	0	0	0	0	13
05:30 PM	6	0	0	6	0	4	0	4	0	1	0	1	11
05:45 PM	6	0	0	6	0	2	0	2	0	0	0	0	8
Total	23	0	0	23	1	13	0	14	0	2	0	2	39
Grand Total	40	0	1	41	2	34	0	36	0	2	0	2	79
Apprch %	97.6	0	2.4		5.6	94.4	0		0	100	0		
Total %	50.6	0	1.3	51.9	2.5	43	0	45.6	0	2.5	0	2.5	

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. 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	4	0	0	4	0	5	0	5	0	0	0	0	9
04:45 PM	7	0	1	8	0	2	0	2	0	0	0	0	10
05:00 PM	3	0	0	3	1	2	0	3	0	1	0	1	7
05:15 PM	8	0	0	8	0	5	0	5	0	0	0	0	13
Total Volume	22	0	1	23	1	14	0	15	0	1	0	1	39
% App. Total	95.7	0	4.3		6.7	93.3	0		0	100	0		
PHF	.688	.000	.250	.719	.250	.700	.000	.750	.000	.250	.000	.250	.750

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
E/W: Jurupa Avenue
Weather: Sunny

File Name : RLTRIJUPM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 2



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			
+0 mins.	4	0	0	4	0	**5**	0	**5**	0	0	0	0
+15 mins.	7	0	**1**	**8**	0	2	0	2	0	0	0	0
+30 mins.	3	0	0	3	**1**	2	0	3	0	**1**	0	**1**
+45 mins.	**8**	0	0	8	0	5	0	5	0	0	0	0
Total Volume	22	0	1	23	1	14	0	15	0	1	0	1
% App. Total	95.7	0	4.3		6.7	93.3	0		0	100	0	
PHF	.688	.000	.250	.719	.250	.700	.000	.750	.000	.250	.000	.250

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

City of Rialto
N/S: Riverside Avenue
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File Name : RLTRIJUPM
Site Code : 10085037
Start Date : 4/21/2010
Page No : 1

Groups Printed- 4+ Axle Trucks

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. Total
04:00 PM	9	0	1	10	6	9	0	15	0	0	0	0	25
04:15 PM	10	0	0	10	2	13	0	15	0	0	1	1	26
04:30 PM	6	0	0	6	1	12	0	13	0	0	2	2	21
04:45 PM	15	0	0	15	5	6	0	11	0	1	1	2	28
Total	40	0	1	41	14	40	0	54	0	1	4	5	100
05:00 PM	14	0	0	14	1	13	0	14	0	0	0	0	28
05:15 PM	12	0	0	12	1	10	0	11	0	0	0	0	23
05:30 PM	21	0	0	21	0	7	0	7	0	1	1	2	30
05:45 PM	11	0	0	11	2	13	0	15	0	0	0	0	26
Total	58	0	0	58	4	43	0	47	0	1	1	2	107
Grand Total	98	0	1	99	18	83	0	101	0	2	5	7	207
Apprch %	99	0	1		17.8	82.2	0		0	28.6	71.4		
Total %	47.3	0	0.5	47.8	8.7	40.1	0	48.8	0	1	2.4	3.4	

	Riverside Avenue Southbound				Riverside Avenue Northbound				Jurupa Avenue Eastbound				
Start Time	Thru	Right	Rt on Red	App. Total	Left	Thru	Rt on Red	App. Total	Left	Right	Rt on Red	App. Total	Int. 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	6	0	0	6	1	12	0	13	0	0	2	2	21
04:45 PM	15	0	0	15	5	6	0	11	0	1	1	2	28
05:00 PM	14	0	0	14	1	13	0	14	0	0	0	0	28
05:15 PM	12	0	0	12	1	10	0	11	0	0	0	0	23
Total Volume	47	0	0	47	8	41	0	49	0	1	3	4	100
% App. Total	100	0	0		16.3	83.7	0		0	25	75		
PHF	.783	.000	.000	.783	.400	.788	.000	.875	.000	.250	.375	.500	.893

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
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City of Rialto
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File Name : RLTRIJUPM
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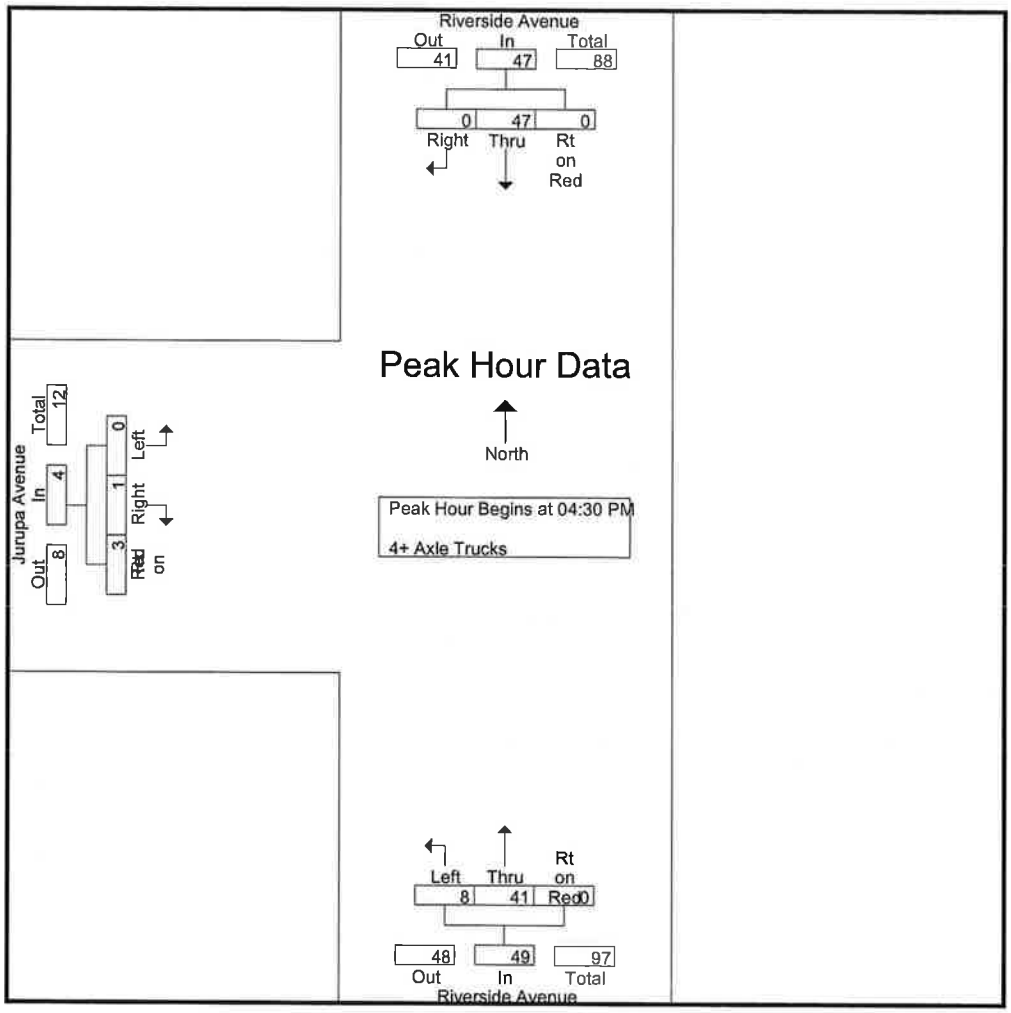

Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM			
+0 mins.	6	0	0	6	1	12	0	13	0	0	**2**	**2**
+15 mins.	**15**	0	0	**15**	**5**	6	0	11	0	**1**	1	2
+30 mins.	14	0	0	14	1	**13**	0	**14**	0	0	0	0
+45 mins.	12	0	0	12	1	10	0	11	0	0	0	0
Total Volume	47	0	0	47	8	41	0	49	0	1	3	4
% App. Total	100	0	0		16.3	83.7	0		0	25	75	
PHF	.783	.000	.000	.783	.400	.788	.000	.875	.000	.250	.375	.500