

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

County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat1PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- Passenger Vehicles

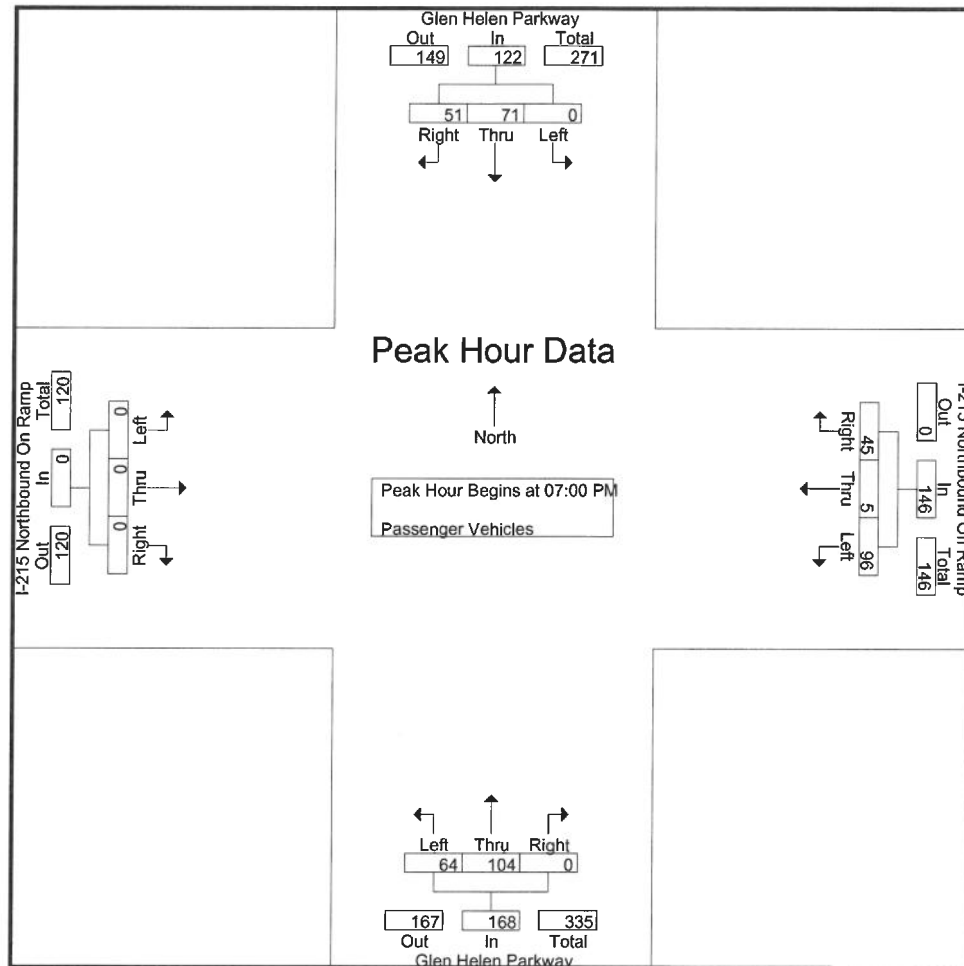
	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	0	16	12	28	36	1	11	48	8	22	0	30	0	0	0	0	106
07:15 PM	0	22	7	29	27	0	12	39	7	35	0	42	0	0	0	0	110
07:30 PM	0	22	17	39	17	3	11	31	35	27	0	62	0	0	0	0	132
07:45 PM	0	11	15	26	16	1	11	28	14	20	0	34	0	0	0	0	88
Total	0	71	51	122	96	5	45	146	64	104	0	168	0	0	0	0	436
08:00 PM	0	11	10	21	17	0	11	28	11	14	0	25	0	0	0	0	74
08:15 PM	0	13	10	23	11	0	10	21	10	19	0	29	0	0	0	0	73
08:30 PM	0	13	8	21	12	0	11	23	14	11	0	25	0	0	0	0	69
08:45 PM	0	13	10	23	11	2	14	27	14	12	0	26	0	0	0	0	76
Total	0	50	38	88	51	2	46	99	49	56	0	105	0	0	0	0	292
Grand Total	0	121	89	210	147	7	91	245	113	160	0	273	0	0	0	0	728
Apprch %	0	57.6	42.4		60	2.9	37.1		41.4	58.6	0		0	0	0		
Total %	0	16.6	12.2	28.8	20.2	1	12.5	33.7	15.5	22	0	37.5	0	0	0	0	

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	0	16	12	28	36	1	11	48	8	22	0	30	0	0	0	0	106
07:15 PM	0	22	7	29	27	0	12	39	7	35	0	42	0	0	0	0	110
07:30 PM	0	22	17	39	17	3	11	31	35	27	0	62	0	0	0	0	132
07:45 PM	0	11	15	26	16	1	11	28	14	20	0	34	0	0	0	0	88
Total Volume	0	71	51	122	96	5	45	146	64	104	0	168	0	0	0	0	436
% App. Total	0	58.2	41.8		65.8	3.4	30.8		38.1	61.9	0		0	0	0		
PHF	.000	.807	.750	.782	.667	.417	.938	.760	.457	.743	.000	.677	.000	.000	.000	.000	.826

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File Name : 01_CSB_GH_215N Sat1PM2
Site Code : 00324695
Start Date : 8/10/2024
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Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	0	16	12	28	36	1	11	48	8	22	0	30	0	0	0	0
+15 mins.	0	22	7	29	27	0	12	39	7	35	0	42	0	0	0	0
+30 mins.	0	22	17	39	17	3	11	31	35	27	0	62	0	0	0	0
+45 mins.	0	11	15	26	16	1	11	28	14	20	0	34	0	0	0	0
Total Volume	0	71	51	122	96	5	45	146	64	104	0	168	0	0	0	0
% App. Total	0	58.2	41.8		65.8	3.4	30.8		38.1	61.9	0		0	0	0	
PHF	.000	.807	.750	.782	.667	.417	.938	.760	.457	.743	.000	.677	.000	.000	.000	.000

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File Name : 01_CSB_GH_215N Sat1PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

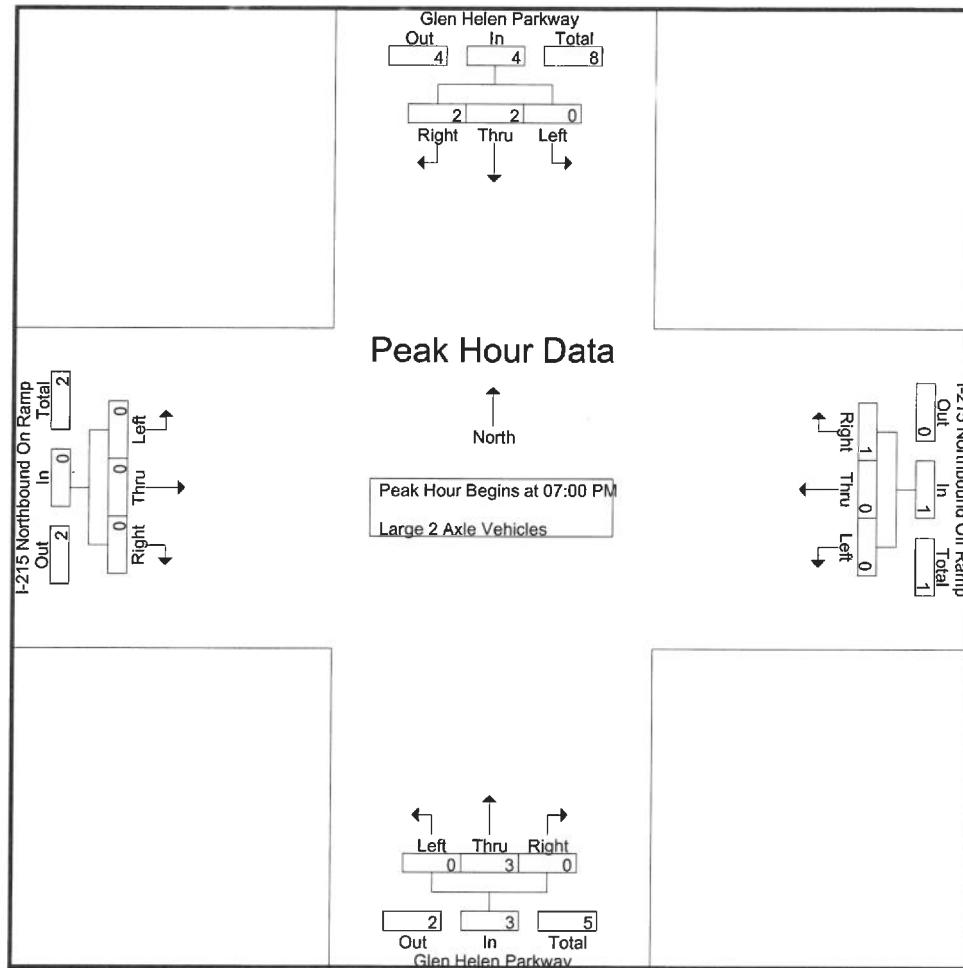
	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	0	1	0	1	0	0	1	1	0	2	0	2	0	0	0	0	4
07:15 PM	0	1	1	2	0	0	0	0	0	1	0	1	0	0	0	0	3
07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	2	4	0	0	1	1	0	3	0	3	0	0	0	0	8
08:00 PM	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
08:15 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:30 PM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
08:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	1	4	0	0	0	0	0	2	0	2	0	0	0	0	6
Grand Total	0	5	3	8	0	0	1	1	0	5	0	5	0	0	0	0	14
Apprch %	0	62.5	37.5		0	0	100		0	100	0		0	0	0		
Total %	0	35.7	21.4	57.1	0	0	7.1	7.1	0	35.7	0	35.7	0	0	0	0	

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	0	1	0	1	0	0	1	1	0	2	0	2	0	0	0	0	4
07:15 PM	0	1	1	2	0	0	0	0	0	1	0	1	0	0	0	0	3
07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	2	2	4	0	0	1	1	0	3	0	3	0	0	0	0	8
% App. Total	0	50	50		0	0	100		0	100	0		0	0	0		
PHF	.000	.500	.500	.500	.000	.000	.250	.250	.000	.375	.000	.375	.000	.000	.000	.000	.500

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

Peak Hour for Each Approach Begins at:

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	0	1	0	1	0	0	1	1	0	2	0	2	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	2	2	4	0	0	1	1	0	3	0	3	0	0	0	0
% App. Total	0	50	50		0	0	100		0	100	0		0	0	0	
PHF	.000	.500	.500	.500	.000	.000	.250	.250	.000	.375	.000	.375	.000	.000	.000	.000

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File Name : 01_CSB_GH_215N Sat1PM2
Site Code : 00324695
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Groups Printed- 3 Axle Vehicles

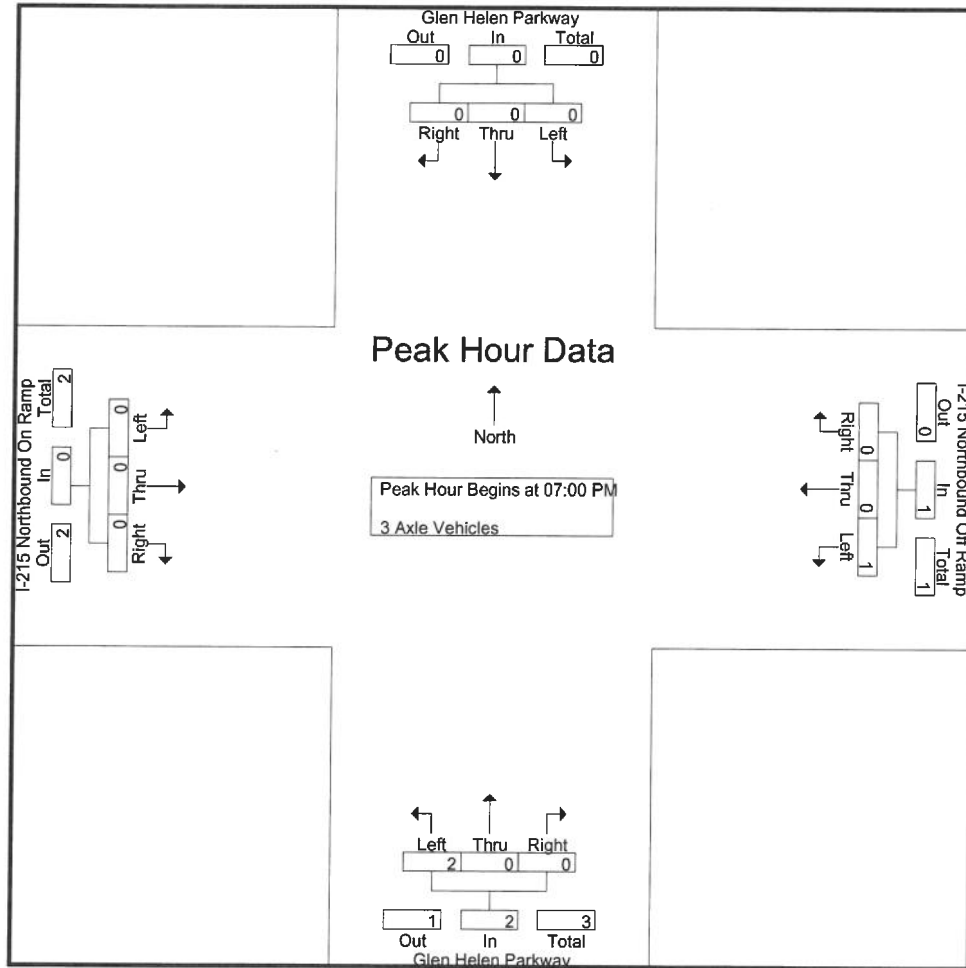
	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2
07:45 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	1	0	0	1	2	0	0	2	0	0	0	0	3
08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 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	0	0	0	0	1	0	0	1	2	0	0	2	0	0	0	0	3
Apprch %	0	0	0		100	0	0		100	0	0		0	0	0		
Total %	0	0	0	0	33.3	0	0	33.3	66.7	0	0	66.7	0	0	0	0	

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2
07:45 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	0	1	0	0	1	2	0	0	2	0	0	0	0	3
% App. Total	0	0	0		100	0	0		100	0	0		0	0	0		
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.250	.000	.000	.250	.000	.000	.000	.000	.375

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Site Code : 00324695
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Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:00 PM				07:00 PM				07:00 PM				07:00 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	2	0	0	2	0	0	0	0
+45 mins.	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	1	0	0	1	2	0	0	2	0	0	0	0
% App. Total	0	0	0	0	100	0	0	100	100	0	0	100	0	0	0	0
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.250	.000	.000	.250	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
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Weather: Clear

File Name : 01_CSB_GH_215N Sat1PM2
Site Code : 00324695
Start Date : 8/10/2024
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Groups Printed- 4+ Axle Trucks

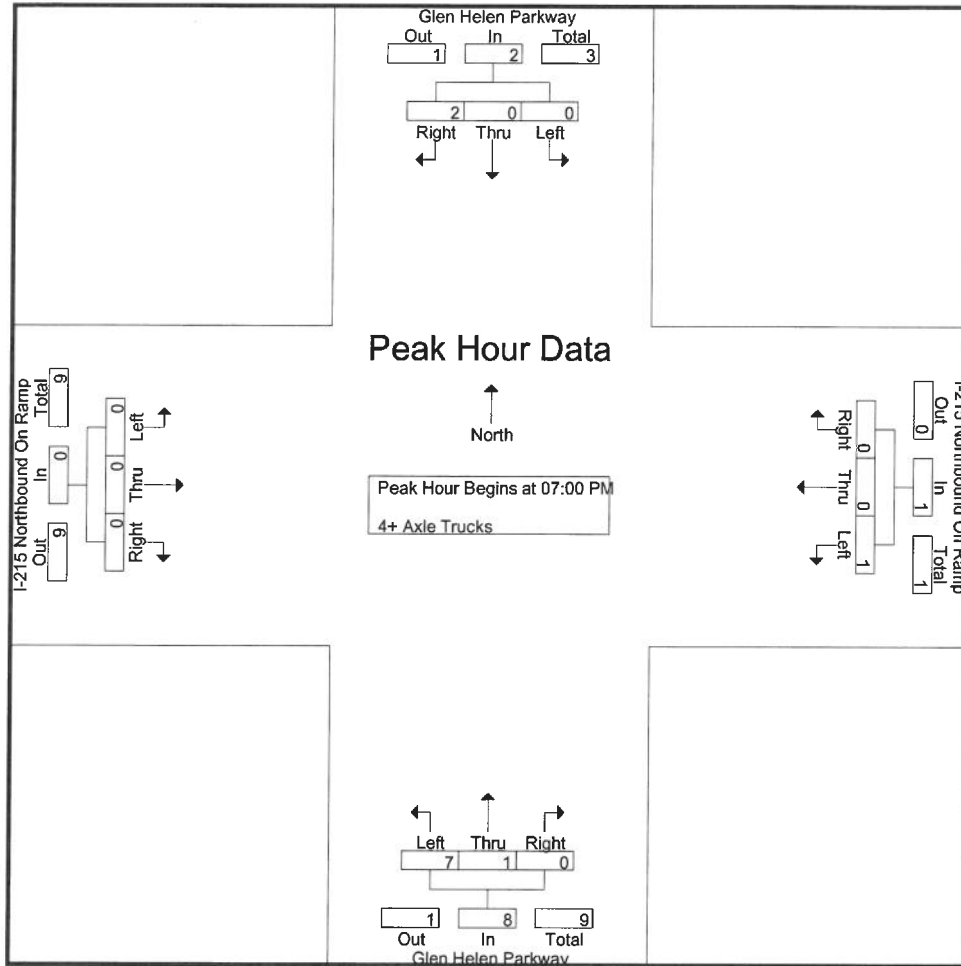
	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	0	0	1	1	0	0	0	0	2	0	0	2	0	0	0	0	3
07:15 PM	0	0	1	1	0	0	0	0	1	1	0	2	0	0	0	0	3
07:30 PM	0	0	0	0	1	0	0	1	2	0	0	2	0	0	0	0	3
07:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2
Total	0	0	2	2	1	0	0	1	7	1	0	8	0	0	0	0	11
08:00 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	3
08:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 PM	0	0	0	0	1	0	0	1	3	0	0	3	0	0	0	0	4
08:45 PM	0	0	1	1	0	0	1	1	2	0	0	2	0	0	0	0	4
Total	0	0	1	1	1	0	1	2	8	0	0	8	0	0	0	0	11
Grand Total	0	0	3	3	2	0	1	3	15	1	0	16	0	0	0	0	22
Apprch %	0	0	100		66.7	0	33.3		93.8	6.2	0		0	0	0		
Total %	0	0	13.6	13.6	9.1	0	4.5	13.6	68.2	4.5	0	72.7	0	0	0	0	

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	0	0	1	1	0	0	0	0	2	0	0	2	0	0	0	0	3
07:15 PM	0	0	1	1	0	0	0	0	1	1	0	2	0	0	0	0	3
07:30 PM	0	0	0	0	1	0	0	1	2	0	0	2	0	0	0	0	3
07:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2
Total Volume	0	0	2	2	1	0	0	1	7	1	0	8	0	0	0	0	11
% App. Total	0	0	100		100	0	0		87.5	12.5	0		0	0	0		
PHF	.000	.000	.500	.500	.250	.000	.000	.250	.875	.250	.000	1.00	.000	.000	.000	.000	.917

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

Peak Hour for Each Approach Begins at:

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	0	0	1	1	0	0	0	0	2	0	0	2	0	0	0	0
+15 mins.	0	0	1	1	0	0	0	0	1	1	0	2	0	0	0	0
+30 mins.	0	0	0	0	1	0	0	1	2	0	0	2	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0
Total Volume	0	0	2	2	1	0	0	1	7	1	0	8	0	0	0	0
% App. Total	0	0	100		100	0	0		87.5	12.5	0		0	0	0	
PHF	.000	.000	.500	.500	.250	.000	.000	.250	.875	.250	.000	1.000	.000	.000	.000	.000

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Weather: Clear

File Name : 01_CSB_GH_215N Sat AM
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Start Date : 8/17/2024
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Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

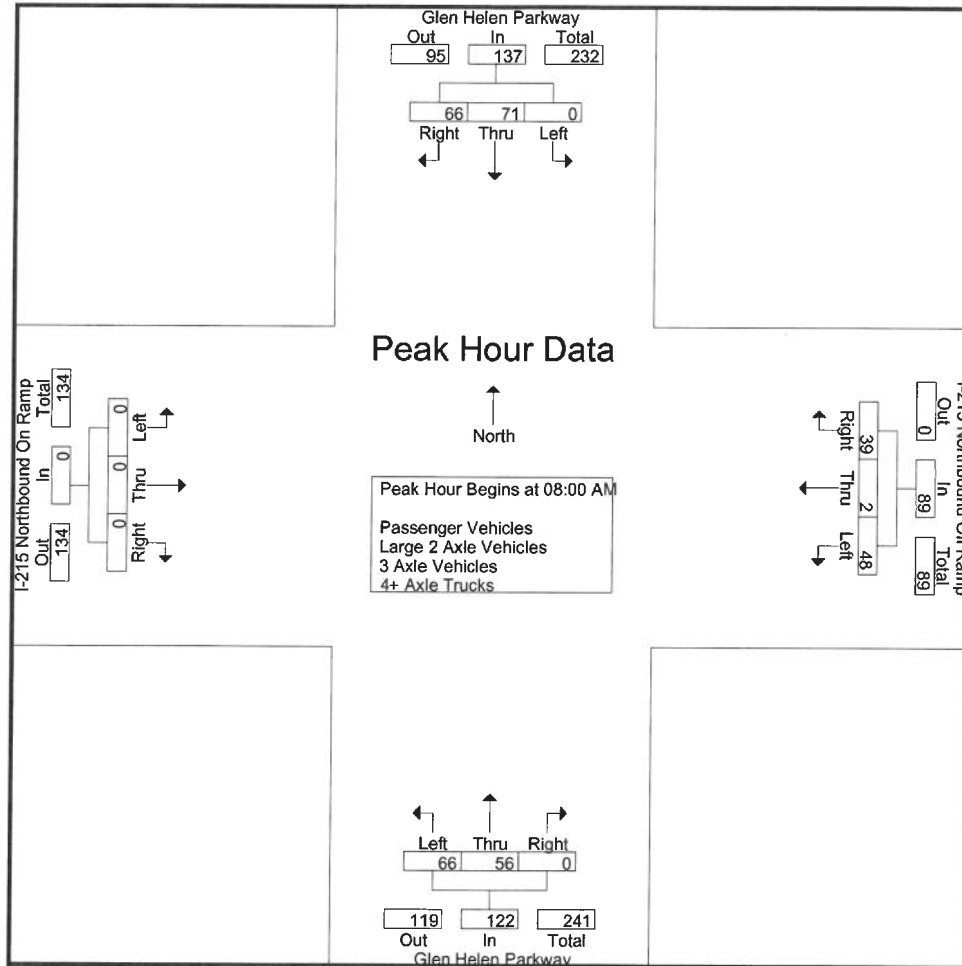
	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	14	12	26	16	0	9	25	19	12	0	31	0	0	0	0	82
07:15 AM	0	15	8	23	2	0	4	6	14	4	0	18	0	0	0	0	47
07:30 AM	0	12	12	24	10	0	11	21	15	11	0	26	0	0	0	0	71
07:45 AM	0	24	16	40	15	0	10	25	7	12	0	19	0	0	0	0	84
Total	0	65	48	113	43	0	34	77	55	39	0	94	0	0	0	0	284
08:00 AM	0	11	24	35	14	1	13	28	16	14	0	30	0	0	0	0	93
08:15 AM	0	19	16	35	10	0	9	19	18	10	0	28	0	0	0	0	82
08:30 AM	0	21	11	32	6	1	8	15	20	9	0	29	0	0	0	0	76
08:45 AM	0	20	15	35	18	0	9	27	12	23	0	35	0	0	0	0	97
Total	0	71	66	137	48	2	39	89	66	56	0	122	0	0	0	0	348
Grand Total	0	136	114	250	91	2	73	166	121	95	0	216	0	0	0	0	632
Apprch %	0	54.4	45.6		54.8	1.2	44		56	44	0		0	0	0		
Total %	0	21.5	18	39.6	14.4	0.3	11.6	26.3	19.1	15	0	34.2	0	0	0	0	
Passenger Vehicles	0	127	112	239	82	2	71	155	73	89	0	162	0	0	0	0	556
% Passenger Vehicles	0	93.4	98.2	95.6	90.1	100	97.3	93.4	60.3	93.7	0	75	0	0	0	0	88
Large 2 Axle Vehicles	0	7	1	8	5	0	2	7	2	2	0	4	0	0	0	0	19
% Large 2 Axle Vehicles	0	5.1	0.9	3.2	5.5	0	2.7	4.2	1.7	2.1	0	1.9	0	0	0	0	3
3 Axle Vehicles	0	0	0	0	1	0	0	1	2	0	0	2	0	0	0	0	3
% 3 Axle Vehicles	0	0	0	0	1.1	0	0	0.6	1.7	0	0	0.9	0	0	0	0	0.5
4+ Axle Trucks	0	2	1	3	3	0	0	3	44	4	0	48	0	0	0	0	54
% 4+ Axle Trucks	0	1.5	0.9	1.2	3.3	0	0	1.8	36.4	4.2	0	22.2	0	0	0	0	8.5

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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 08:00 AM																	
08:00 AM	0	11	24	35	14	1	13	28	16	14	0	30	0	0	0	0	93
08:15 AM	0	19	16	35	10	0	9	19	18	10	0	28	0	0	0	0	82
08:30 AM	0	21	11	32	6	1	8	15	20	9	0	29	0	0	0	0	76
08:45 AM	0	20	15	35	18	0	9	27	12	23	0	35	0	0	0	0	97
Total Volume	0	71	66	137	48	2	39	89	66	56	0	122	0	0	0	0	348
% App. Total	0	51.8	48.2		53.9	2.2	43.8		54.1	45.9	0		0	0	0		
PHF	.000	.845	.688	.979	.667	.500	.750	.795	.825	.609	.000	.871	.000	.000	.000	.000	.897

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

County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat AM
Site Code : 00324695
Start Date : 8/17/2024
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:

	07:45 AM				07:30 AM				08:00 AM				07:00 AM			
+0 mins.	0	24	16	40	10	0	11	21	16	14	0	30	0	0	0	0
+15 mins.	0	11	24	35	15	0	10	25	18	10	0	28	0	0	0	0
+30 mins.	0	19	16	35	14	1	13	28	20	9	0	29	0	0	0	0
+45 mins.	0	21	11	32	10	0	9	19	12	23	0	35	0	0	0	0
Total Volume	0	75	67	142	49	1	43	93	66	56	0	122	0	0	0	0
% App. Total	0	52.8	47.2		52.7	1.1	46.2		54.1	45.9	0		0	0	0	
PHF	.000	.781	.698	.888	.817	.250	.827	.830	.825	.609	.000	.871	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- Passenger Vehicles

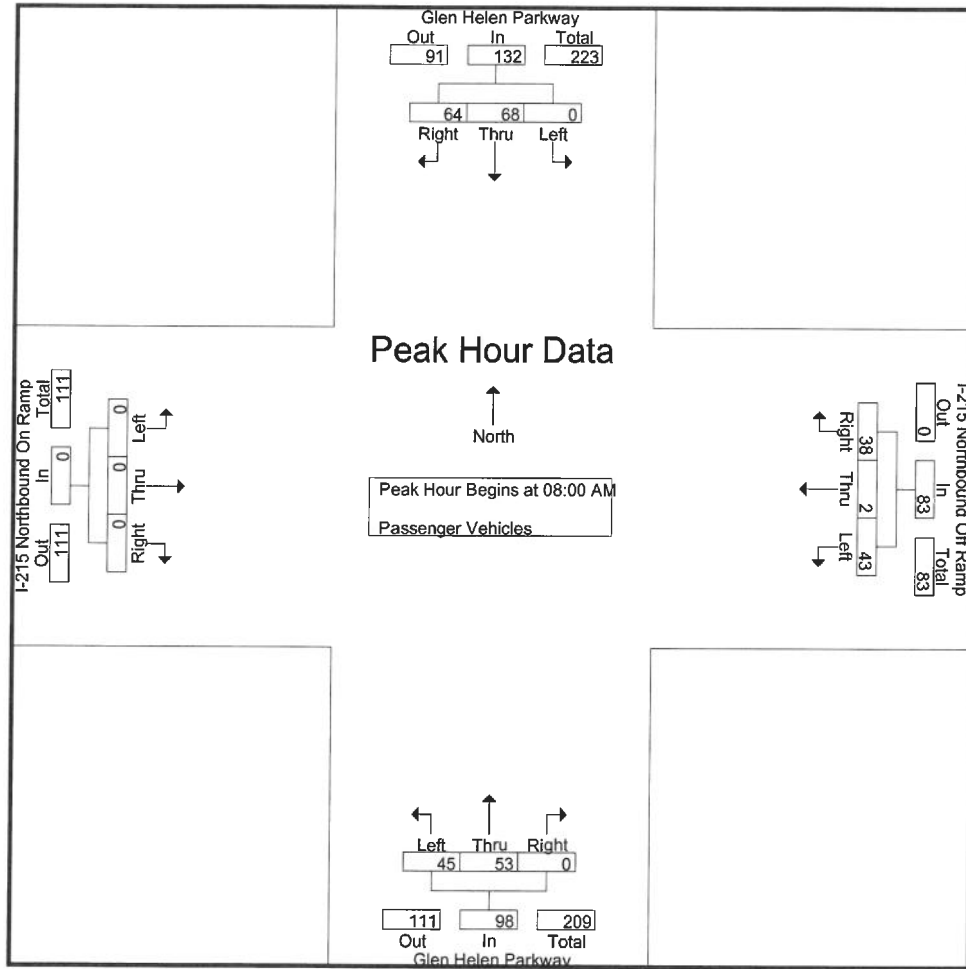
Start Time	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	12	12	24	15	0	9	24	9	12	0	21	0	0	0	0	69
07:15 AM	0	12	8	20	2	0	4	6	5	4	0	9	0	0	0	0	35
07:30 AM	0	12	12	24	10	0	11	21	11	9	0	20	0	0	0	0	65
07:45 AM	0	23	16	39	12	0	9	21	3	11	0	14	0	0	0	0	74
Total	0	59	48	107	39	0	33	72	28	36	0	64	0	0	0	0	243
08:00 AM	0	11	22	33	13	1	13	27	11	14	0	25	0	0	0	0	85
08:15 AM	0	17	16	33	10	0	8	18	12	10	0	22	0	0	0	0	73
08:30 AM	0	21	11	32	5	1	8	14	13	9	0	22	0	0	0	0	68
08:45 AM	0	19	15	34	15	0	9	24	9	20	0	29	0	0	0	0	87
Total	0	68	64	132	43	2	38	83	45	53	0	98	0	0	0	0	313
Grand Total	0	127	112	239	82	2	71	155	73	89	0	162	0	0	0	0	556
Apprch %	0	53.1	46.9		52.9	1.3	45.8		45.1	54.9	0		0	0	0		
Total %	0	22.8	20.1	43	14.7	0.4	12.8	27.9	13.1	16	0	29.1	0	0	0	0	

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	11	22	33	13	1	13	27	11	14	0	25	0	0	0	0	85
08:15 AM	0	17	16	33	10	0	8	18	12	10	0	22	0	0	0	0	73
08:30 AM	0	21	11	32	5	1	8	14	13	9	0	22	0	0	0	0	68
08:45 AM	0	19	15	34	15	0	9	24	9	20	0	29	0	0	0	0	87
Total Volume	0	68	64	132	43	2	38	83	45	53	0	98	0	0	0	0	313
% App. Total	0	51.5	48.5		51.8	2.4	45.8		45.9	54.1	0		0	0	0		
PHF	.000	.810	.727	.971	.717	.500	.731	.769	.865	.663	.000	.845	.000	.000	.000	.000	.899

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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

Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	11	22	33	13	1	13	27	11	14	0	25	0	0	0	0
+15 mins.	0	17	16	33	10	0	8	18	12	10	0	22	0	0	0	0
+30 mins.	0	21	11	32	5	1	8	14	13	9	0	22	0	0	0	0
+45 mins.	0	19	15	34	15	0	9	24	9	20	0	29	0	0	0	0
Total Volume	0	68	64	132	43	2	38	83	45	53	0	98	0	0	0	0
% App. Total	0	51.5	48.5		51.8	2.4	45.8		45.9	54.1	0		0	0	0	
PHF	.000	.810	.727	.971	.717	.500	.731	.769	.865	.663	.000	.845	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

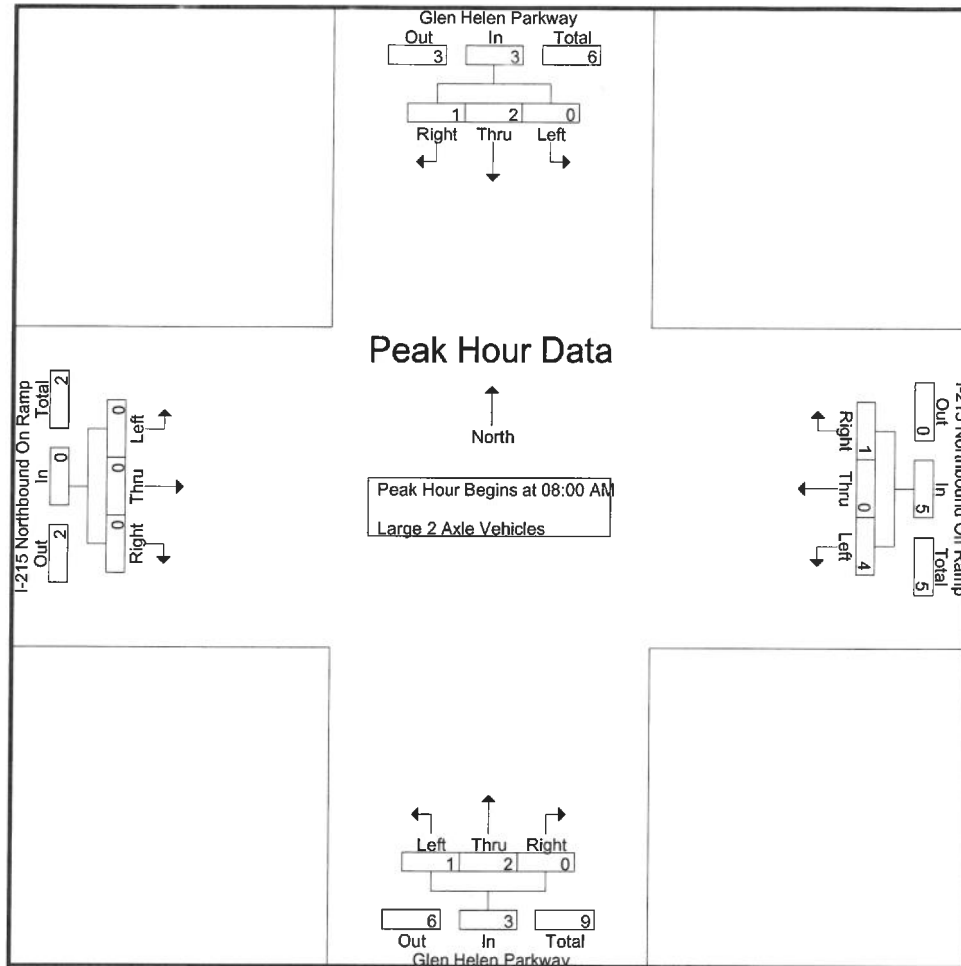
	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	2	0	2	0	0	0	0	1	0	0	1	0	0	0	0	3
07:15 AM	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	2
Total	0	5	0	5	1	0	1	2	1	0	0	1	0	0	0	0	8
08:00 AM	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	2
08:15 AM	0	1	0	1	0	0	1	1	1	0	0	1	0	0	0	0	3
08:30 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
08:45 AM	0	1	0	1	2	0	0	2	0	2	0	2	0	0	0	0	5
Total	0	2	1	3	4	0	1	5	1	2	0	3	0	0	0	0	11
Grand Total	0	7	1	8	5	0	2	7	2	2	0	4	0	0	0	0	19
Apprch %	0	87.5	12.5		71.4	0	28.6		50	50	0		0	0	0		
Total %	0	36.8	5.3	42.1	26.3	0	10.5	36.8	10.5	10.5	0	21.1	0	0	0	0	

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	2
08:15 AM	0	1	0	1	0	0	1	1	1	0	0	1	0	0	0	0	3
08:30 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
08:45 AM	0	1	0	1	2	0	0	2	0	2	0	2	0	0	0	0	5
Total Volume	0	2	1	3	4	0	1	5	1	2	0	3	0	0	0	0	11
% App. Total	0	66.7	33.3		80	0	20		33.3	66.7	0		0	0	0		
PHF	.000	.500	.250	.750	.500	.000	.250	.625	.250	.250	.000	.375	.000	.000	.000	.000	.550

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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

Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0
+15 mins.	0	1	0	1	0	0	1	1	1	0	0	1	0	0	0	0
+30 mins.	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
+45 mins.	0	1	0	1	2	0	0	2	0	2	0	2	0	0	0	0
Total Volume	0	2	1	3	4	0	1	5	1	2	0	3	0	0	0	0
% App. Total	0	66.7	33.3		80	0	20		33.3	66.7	0		0	0	0	
PHF	.000	.500	.250	.750	.500	.000	.250	.625	.250	.250	.000	.375	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

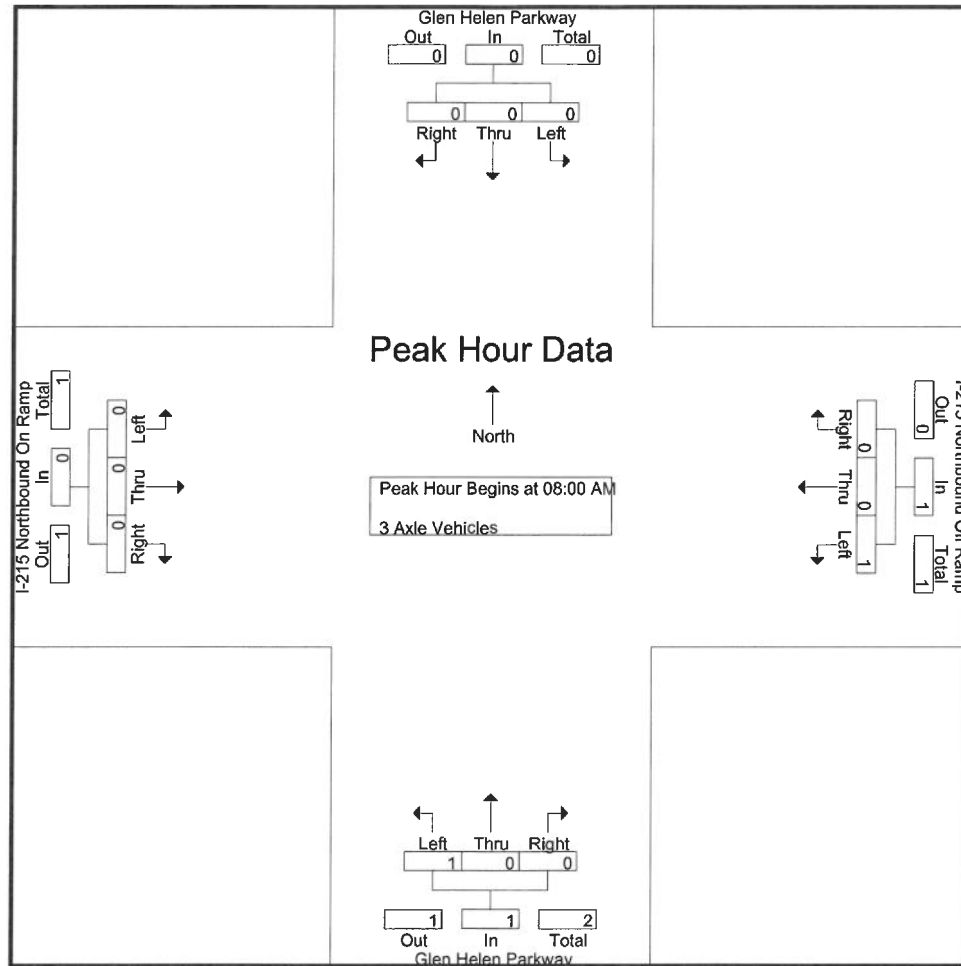
Start Time	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
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	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	1	0	0	1	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	1	0	0	1	0	0	0	0	1
08:45 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	2
Grand Total	0	0	0	0	1	0	0	1	2	0	0	2	0	0	0	0	3
Apprch %	0	0	0		100	0	0		100	0	0		0	0	0		
Total %	0	0	0		33.3	0	0	33.3	66.7	0	0	66.7	0	0	0		

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
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	1	0	0	1	0	0	0	0	1
08:45 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	2
% App. Total	0	0	0		100	0	0		100	0	0		0	0	0		
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.250	.000	.000	.250	.000	.000	.000	.000	.500

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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

Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 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	1	0	0	1	0	0	0	0
+45 mins.	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0
% App. Total	0	0	0	0	100	0	0	100	100	0	0	100	0	0	0	0
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.250	.000	.000	.250	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

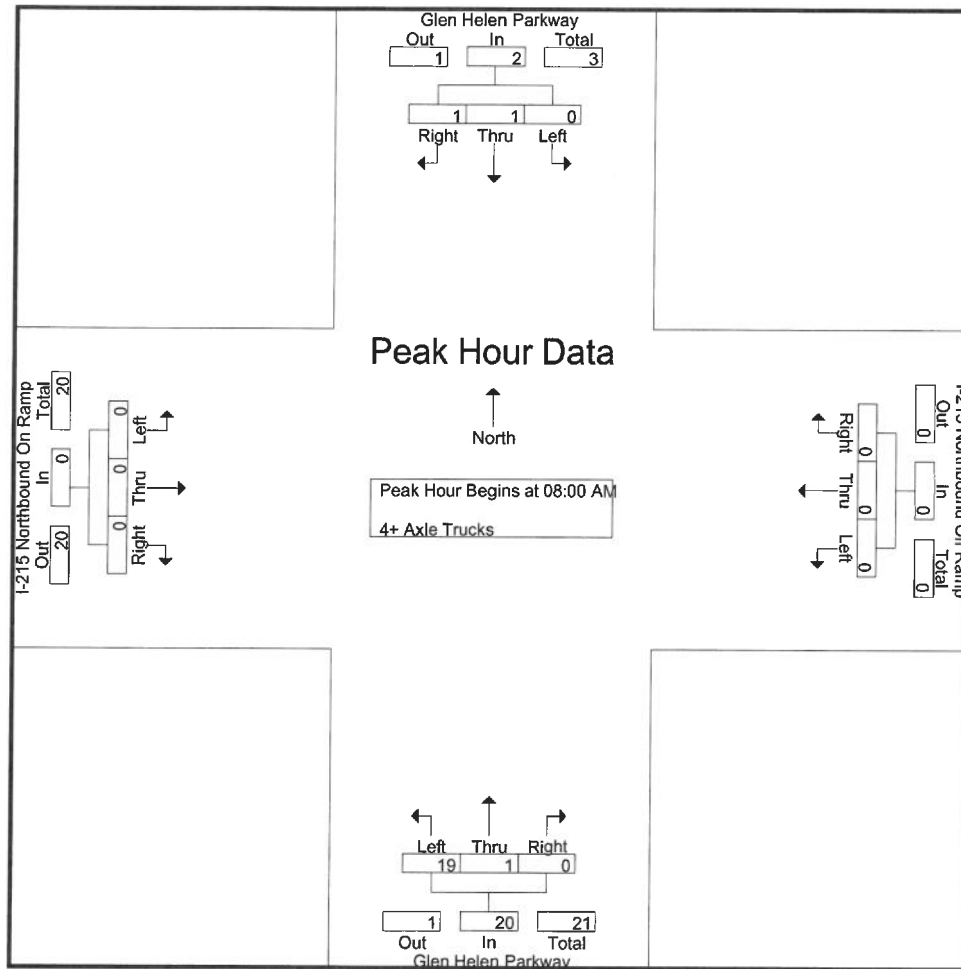
	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	1	0	0	1	8	0	0	8	0	0	0	0	9
07:15 AM	0	0	0	0	0	0	0	0	9	0	0	9	0	0	0	0	9
07:30 AM	0	0	0	0	0	0	0	0	4	2	0	6	0	0	0	0	6
07:45 AM	0	1	0	1	2	0	0	2	4	1	0	5	0	0	0	0	8
Total	0	1	0	1	3	0	0	3	25	3	0	28	0	0	0	0	32
08:00 AM	0	0	1	1	0	0	0	0	5	0	0	5	0	0	0	0	6
08:15 AM	0	1	0	1	0	0	0	0	5	0	0	5	0	0	0	0	6
08:30 AM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	6
08:45 AM	0	0	0	0	0	0	0	0	3	1	0	4	0	0	0	0	4
Total	0	1	1	2	0	0	0	0	19	1	0	20	0	0	0	0	22
Grand Total	0	2	1	3	3	0	0	3	44	4	0	48	0	0	0	0	54
Apprch %	0	66.7	33.3		100	0	0		91.7	8.3	0		0	0	0		
Total %	0	3.7	1.9	5.6	5.6	0	0	5.6	81.5	7.4	0	88.9	0	0	0	0	

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	1	1	0	0	0	0	5	0	0	5	0	0	0	0	6
08:15 AM	0	1	0	1	0	0	0	0	5	0	0	5	0	0	0	0	6
08:30 AM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	6
08:45 AM	0	0	0	0	0	0	0	0	3	1	0	4	0	0	0	0	4
Total Volume	0	1	1	2	0	0	0	0	19	1	0	20	0	0	0	0	22
% App. Total	0	50	50		0	0	0		95	5	0		0	0	0		
PHF	.000	.250	.250	.500	.000	.000	.000	.000	.792	.250	.000	.833	.000	.000	.000	.000	.917

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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

Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	0	1	1	0	0	0	0	5	0	0	5	0	0	0	0
+15 mins.	0	1	0	1	0	0	0	0	5	0	0	5	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	3	1	0	4	0	0	0	0
Total Volume	0	1	1	2	0	0	0	0	19	1	0	20	0	0	0	0
% App. Total	0	50	50		0	0	0		95	5	0		0	0	0	
PHF	.000	.250	.250	.500	.000	.000	.000	.000	.792	.250	.000	.833	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat PM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

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

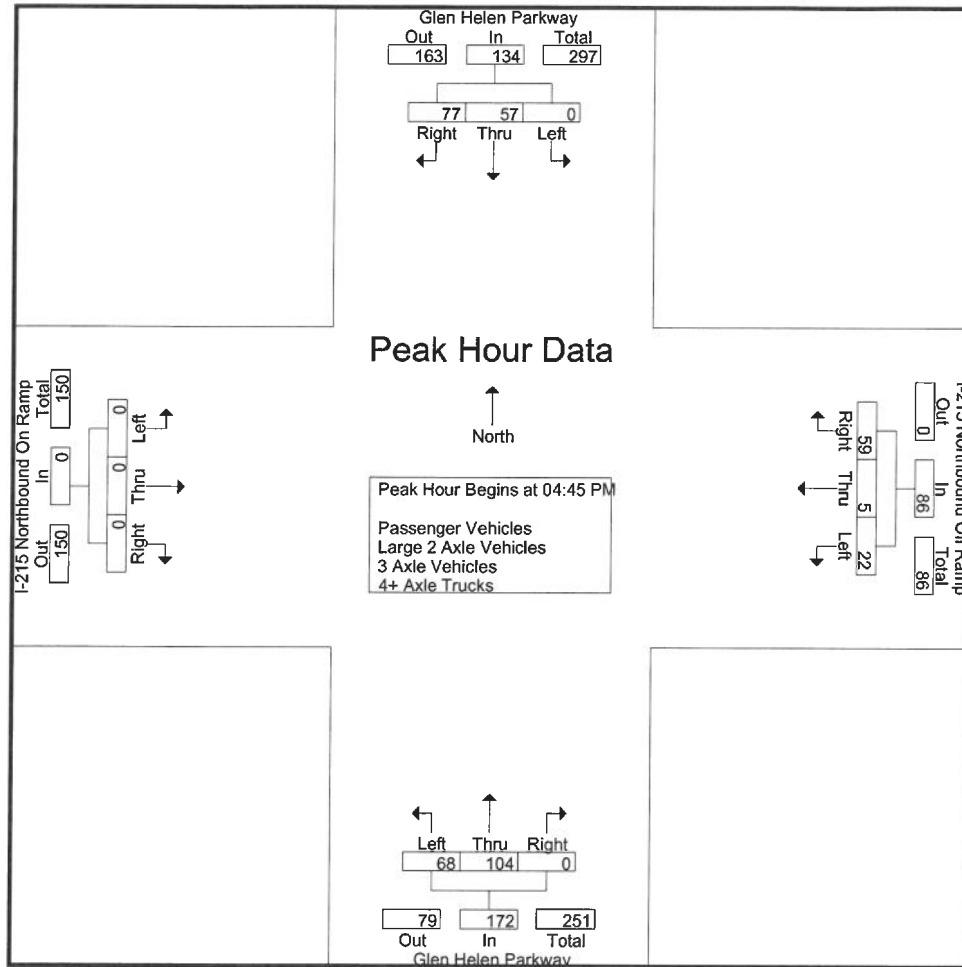
	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	15	13	28	10	0	14	24	15	14	0	29	0	0	0	0	81
04:15 PM	0	17	13	30	11	0	13	24	14	29	0	43	0	0	0	0	97
04:30 PM	0	17	11	28	10	0	15	25	15	22	0	37	0	0	0	0	90
04:45 PM	0	10	22	32	6	2	10	18	25	22	0	47	0	0	0	0	97
Total	0	59	59	118	37	2	52	91	69	87	0	156	0	0	0	0	365
05:00 PM	0	11	27	38	8	1	16	25	9	32	0	41	0	0	0	0	104
05:15 PM	0	18	15	33	5	0	18	23	9	26	0	35	0	0	0	0	91
05:30 PM	0	18	13	31	3	2	15	20	25	24	0	49	0	0	0	0	100
05:45 PM	0	16	14	30	9	3	14	26	18	19	0	37	0	0	0	0	93
Total	0	63	69	132	25	6	63	94	61	101	0	162	0	0	0	0	388
Grand Total	0	122	128	250	62	8	115	185	130	188	0	318	0	0	0	0	753
Apprch %	0	48.8	51.2		33.5	4.3	62.2		40.9	59.1	0		0	0	0		
Total %	0	16.2	17	33.2	8.2	1.1	15.3	24.6	17.3	25	0	42.2	0	0	0	0	
Passenger Vehicles	0	119	124	243	59	8	109	176	115	183	0	298	0	0	0	0	717
% Passenger Vehicles	0	97.5	96.9	97.2	95.2	100	94.8	95.1	88.5	97.3	0	93.7	0	0	0	0	95.2
Large 2 Axle Vehicles	0	2	4	6	2	0	4	6	3	5	0	8	0	0	0	0	20
% Large 2 Axle Vehicles	0	1.6	3.1	2.4	3.2	0	3.5	3.2	2.3	2.7	0	2.5	0	0	0	0	2.7
3 Axle Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% 3 Axle Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4+ Axle Trucks	0	1	0	1	1	0	2	3	12	0	0	12	0	0	0	0	16
% 4+ Axle Trucks	0	0.8	0	0.4	1.6	0	1.7	1.6	9.2	0	0	3.8	0	0	0	0	2.1

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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 04:45 PM																	
04:45 PM	0	10	22	32	6	2	10	18	25	22	0	47	0	0	0	0	97
05:00 PM	0	11	27	38	8	1	16	25	9	32	0	41	0	0	0	0	104
05:15 PM	0	18	15	33	5	0	18	23	9	26	0	35	0	0	0	0	91
05:30 PM	0	18	13	31	3	2	15	20	25	24	0	49	0	0	0	0	100
Total Volume	0	57	77	134	22	5	59	86	68	104	0	172	0	0	0	0	392
% App. Total	0	42.5	57.5		25.6	5.8	68.6		39.5	60.5	0		0	0	0		
PHF	.000	.792	.713	.882	.688	.625	.819	.860	.680	.813	.000	.878	.000	.000	.000	.000	.942

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat PM
Site Code : 00324695
Start Date : 8/17/2024
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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				05:00 PM				04:45 PM				04:00 PM			
+0 mins.	0	10	22	32	8	1	16	25	25	22	0	47	0	0	0	0
+15 mins.	0	11	27	38	5	0	18	23	9	32	0	41	0	0	0	0
+30 mins.	0	18	15	33	3	2	15	20	9	26	0	35	0	0	0	0
+45 mins.	0	18	13	31	9	3	14	26	25	24	0	49	0	0	0	0
Total Volume	0	57	77	134	25	6	63	94	68	104	0	172	0	0	0	0
% App. Total	0	42.5	57.5		26.6	6.4	67		39.5	60.5	0		0	0	0	
PHF	.000	.792	.713	.882	.694	.500	.875	.904	.680	.813	.000	.878	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
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Weather: Clear

File Name : 01_CSB_GH_215N Sat PM
Site Code : 00324695
Start Date : 8/17/2024
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Groups Printed- Passenger Vehicles

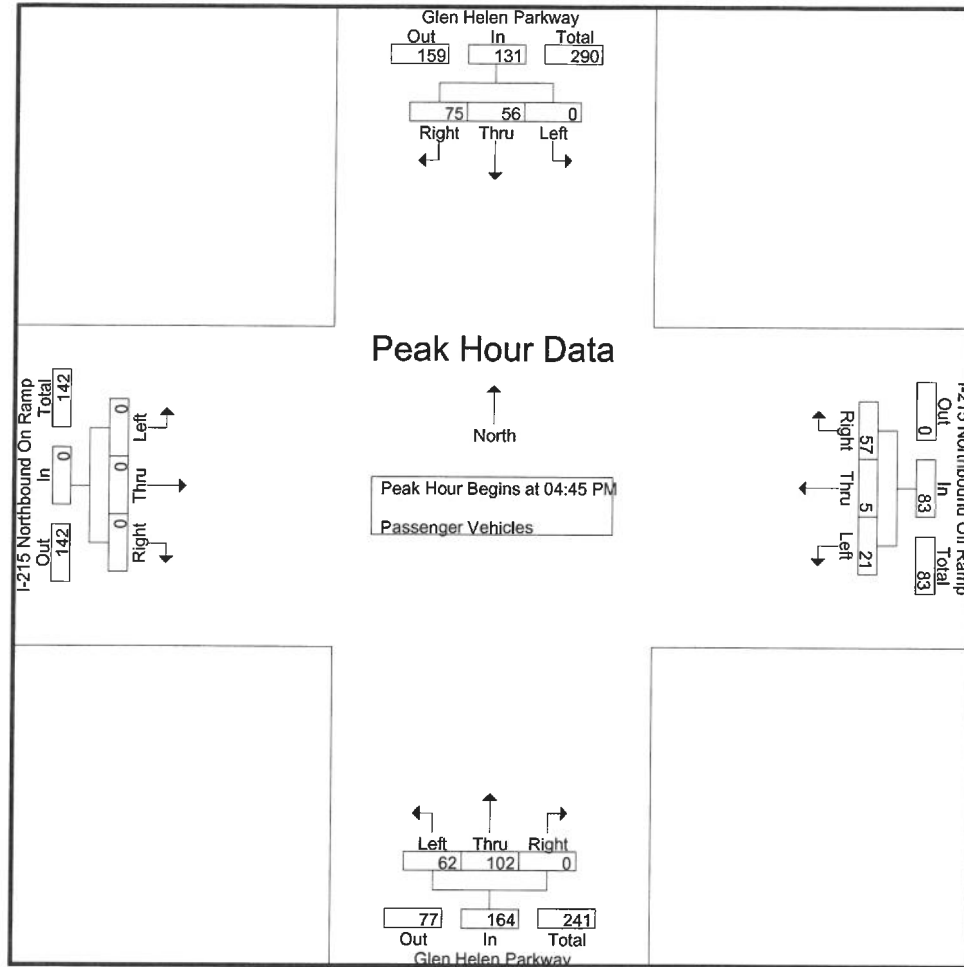
Start Time	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	0	15	12	27	10	0	13	23	13	14	0	27	0	0	0	0	77
04:15 PM	0	17	13	30	9	0	13	22	13	28	0	41	0	0	0	0	93
04:30 PM	0	15	10	25	10	0	13	23	11	20	0	31	0	0	0	0	79
04:45 PM	0	9	22	31	5	2	9	16	23	20	0	43	0	0	0	0	90
Total	0	56	57	113	34	2	48	84	60	82	0	142	0	0	0	0	339
05:00 PM	0	11	25	36	8	1	15	24	9	32	0	41	0	0	0	0	101
05:15 PM	0	18	15	33	5	0	18	23	7	26	0	33	0	0	0	0	89
05:30 PM	0	18	13	31	3	2	15	20	23	24	0	47	0	0	0	0	98
05:45 PM	0	16	14	30	9	3	13	25	16	19	0	35	0	0	0	0	90
Total	0	63	67	130	25	6	61	92	55	101	0	156	0	0	0	0	378
Grand Total	0	119	124	243	59	8	109	176	115	183	0	298	0	0	0	0	717
Apprch %	0	49	51		33.5	4.5	61.9		38.6	61.4	0		0	0	0		
Total %	0	16.6	17.3	33.9	8.2	1.1	15.2	24.5	16	25.5	0	41.6	0	0	0	0	

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	9	22	31	5	2	9	16	23	20	0	43	0	0	0	0	90
05:00 PM	0	11	25	36	8	1	15	24	9	32	0	41	0	0	0	0	101
05:15 PM	0	18	15	33	5	0	18	23	7	26	0	33	0	0	0	0	89
05:30 PM	0	18	13	31	3	2	15	20	23	24	0	47	0	0	0	0	98
Total Volume	0	56	75	131	21	5	57	83	62	102	0	164	0	0	0	0	378
% App. Total	0	42.7	57.3		25.3	6	68.7		37.8	62.2	0		0	0	0		
PHF	.000	.778	.750	.910	.656	.625	.792	.865	.674	.797	.000	.872	.000	.000	.000	.000	.936

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N/S: Glen Helen Parkway
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File Name : 01_CSB_GH_215N Sat PM
Site Code : 00324695
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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	9	22	31	5	2	9	16	23	20	0	43	0	0	0	0
+15 mins.	0	11	25	36	8	1	15	24	9	32	0	41	0	0	0	0
+30 mins.	0	18	15	33	5	0	18	23	7	26	0	33	0	0	0	0
+45 mins.	0	18	13	31	3	2	15	20	23	24	0	47	0	0	0	0
Total Volume	0	56	75	131	21	5	57	83	62	102	0	164	0	0	0	0
% App. Total	0	42.7	57.3		25.3	6	68.7		37.8	62.2	0		0	0	0	
PHF	.000	.778	.750	.910	.656	.625	.792	.865	.674	.797	.000	.872	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat PM
Site Code : 00324695
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Page No : 1

Groups Printed- Large 2 Axle Vehicles

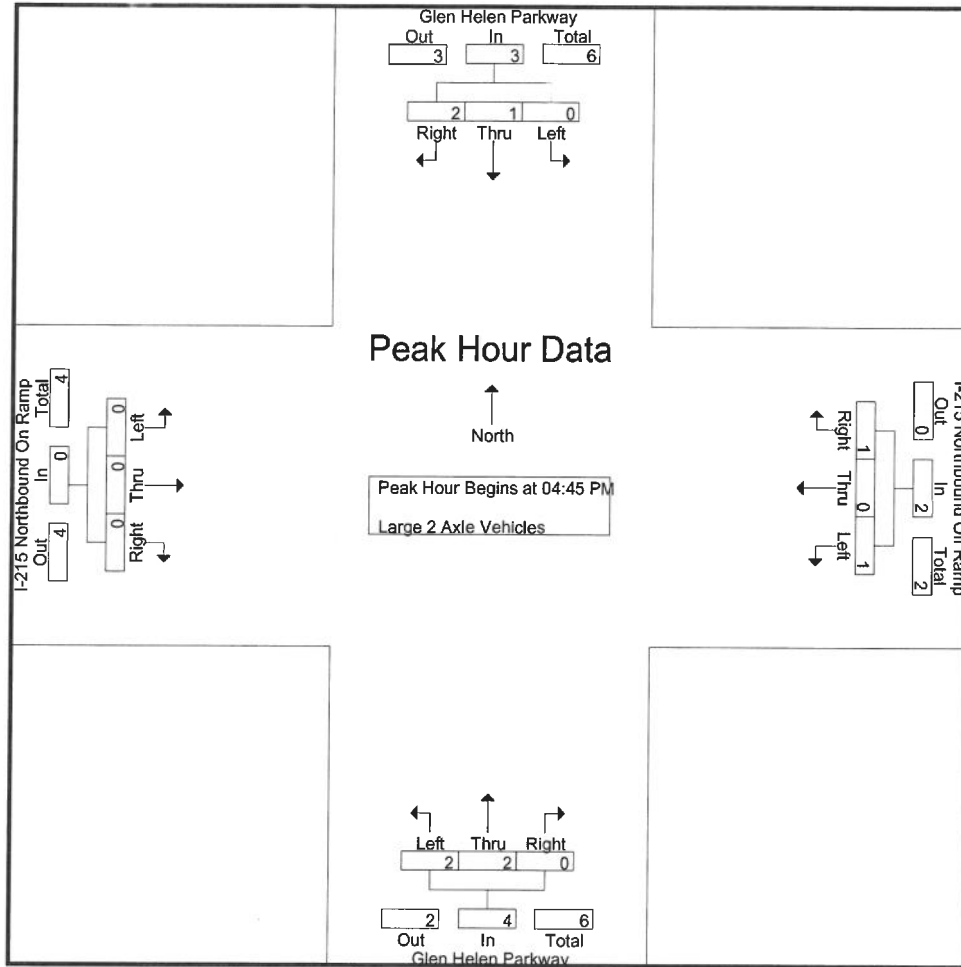
	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	1	1	0	0	0	0	1	0	0	1	0	0	0	0	2
04:15 PM	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	2
04:30 PM	0	1	1	2	0	0	2	2	0	2	0	2	0	0	0	0	6
04:45 PM	0	1	0	1	1	0	0	1	1	2	0	3	0	0	0	0	5
Total	0	2	2	4	2	0	2	4	2	5	0	7	0	0	0	0	15
05:00 PM	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0	3
05:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	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	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Total	0	0	2	2	0	0	2	2	1	0	0	1	0	0	0	0	5
Grand Total	0	2	4	6	2	0	4	6	3	5	0	8	0	0	0	0	20
Apprch %	0	33.3	66.7		33.3	0	66.7		37.5	62.5	0		0	0	0		
Total %	0	10	20	30	10	0	20	30	15	25	0	40	0	0	0	0	

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	1	0	0	1	1	2	0	3	0	0	0	0	5
05:00 PM	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0	3
05:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	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
Total Volume	0	1	2	3	1	0	1	2	2	2	0	4	0	0	0	0	9
% App. Total	0	33.3	66.7		50	0	50		50	50	0		0	0	0		
PHF	.000	.250	.250	.375	.250	.000	.250	.500	.500	.250	.000	.333	.000	.000	.000	.000	.450

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Northbound Ramps
Weather: Clear

File Name : 01_CSB_GH_215N Sat PM
Site Code : 00324695
Start Date : 8/17/2024
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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	1	0	0	1	1	2	0	3	0	0	0	0
+15 mins.	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	1	0	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	1	2	3	1	0	1	2	2	2	0	4	0	0	0	0
% App. Total	0	33.3	66.7		50	0	50		50	50	0		0	0	0	
PHF	.000	.250	.250	.375	.250	.000	.250	.500	.500	.250	.000	.333	.000	.000	.000	.000

File Name : 01_CSB_GH_215N Sat PM
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[illegible][illegible]

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The diagram illustrates the I-215 Northbound On Ramp area, including the ramp itself and the mainline highway. A north arrow points upwards. A box indicates that the peak hour begins at 04:45 PM and that 3 axle vehicles are being counted. Data collection points are shown for the ramp and the mainline, with counts for Out, In, Total, Right, Thru, and Left movements.

Peak Hour Data

North

Peak Hour Begins at 04:45 PM
3 Axle Vehicles

I-215 Northbound On Ramp

Out: 0
In: 0
Total: 0

Right: 0
Thru: 0
Left: 0

I-215 Northbound Off Ramp

Out: 0
In: 0
Total: 0

Right: 0
Thru: 0
Left: 0

Glen Helen Parkway

Left: 0
Thru: 0
Right: 0

Out: 0
In: 0
Total: 0

Peak Hour for Each Approach Begins at:

[illegible]

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N/S: Glen Helen Parkway
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File Name : 01_CSB_GH_215N Sat PM
Site Code : 00324695
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Groups Printed- 4+ Axle Trucks

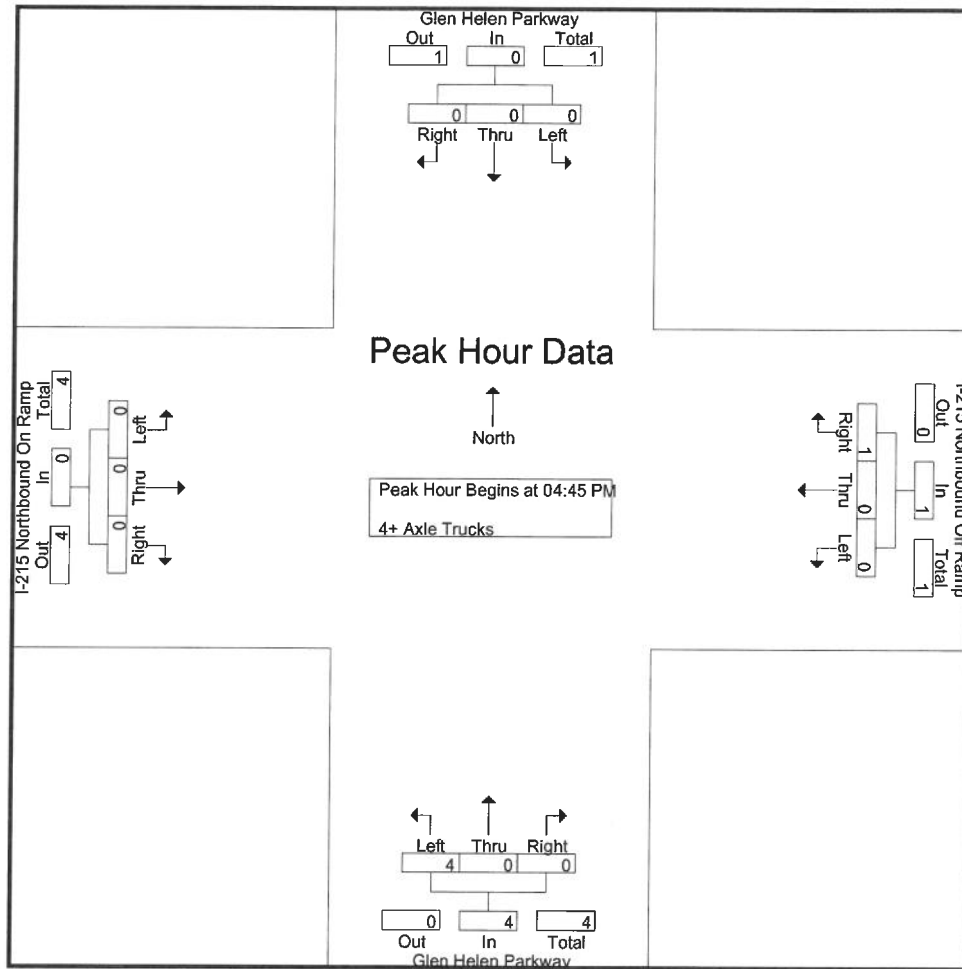
	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	2
04:15 PM	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	2
04:30 PM	0	1	0	1	0	0	0	0	4	0	0	4	0	0	0	0	5
04:45 PM	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	2
Total	0	1	0	1	1	0	2	3	7	0	0	7	0	0	0	0	11
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	1	0	0	1	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2
05:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2
Total	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	5
Grand Total	0	1	0	1	1	0	2	3	12	0	0	12	0	0	0	0	16
Apprch %	0	100	0		33.3	0	66.7		100	0	0		0	0	0		
Total %	0	6.2	0	6.2	6.2	0	12.5	18.8	75	0	0	75	0	0	0	0	

	Glen Helen Parkway Southbound				I-215 Northbound Off Ramp Westbound				Glen Helen Parkway Northbound				I-215 Northbound On Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. 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	1	1	1	0	0	1	0	0	0	0	2
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	1	0	0	1	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2
Total Volume	0	0	0	0	0	0	1	1	4	0	0	4	0	0	0	0	5
% App. Total	0	0	0		0	0	100		100	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.250	.250	.500	.000	.000	.500	.000	.000	.000	.000	.625

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Weather: Clear

File Name : 01_CSB_GH_215N Sat PM
Site Code : 00324695
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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	1	1	1	0	0	1	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	1	0	0	1	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0
Total Volume	0	0	0	0	0	0	1	1	4	0	0	4	0	0	0	0
% App. Total	0	0	0	0	0	0	100	100	100	0	0	100	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.250	.250	.500	.000	.000	.500	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

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

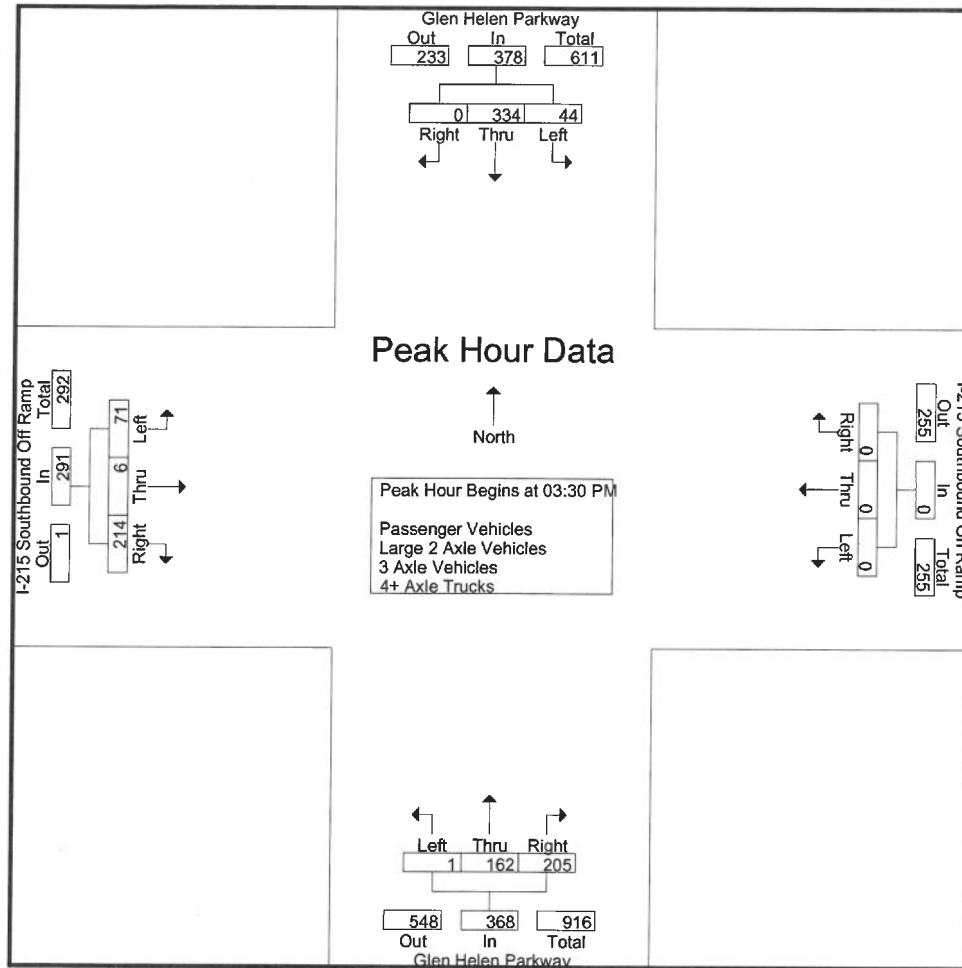
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	10	95	0	105	0	0	0	0	0	54	60	114	9	2	52	63	282
03:45 PM	13	87	0	100	0	0	0	0	0	41	50	91	22	1	47	70	261
Total	23	182	0	205	0	0	0	0	0	95	110	205	31	3	99	133	543
04:00 PM	12	76	0	88	0	0	0	0	1	36	55	92	22	1	41	64	244
04:15 PM	9	76	0	85	0	0	0	0	0	31	40	71	18	2	74	94	250
04:30 PM	12	87	0	99	0	0	0	0	0	38	47	85	23	0	62	85	269
04:45 PM	17	94	0	111	0	0	0	0	0	56	35	91	19	1	49	69	271
Total	50	333	0	383	0	0	0	0	1	161	177	339	82	4	226	312	1034
05:00 PM	14	58	0	72	0	0	0	0	0	42	37	79	27	0	43	70	221
05:15 PM	5	71	0	76	0	0	0	0	0	25	43	68	30	1	44	75	219
Grand Total	92	644	0	736	0	0	0	0	1	323	367	691	170	8	412	590	2017
Apprch %	12.5	87.5	0		0	0	0		0.1	46.7	53.1		28.8	1.4	69.8		
Total %	4.6	31.9	0	36.5	0	0	0	0	0	16	18.2	34.3	8.4	0.4	20.4	29.3	
Passenger Vehicles	87	634	0	721	0	0	0	0	1	297	357	655	161	8	375	544	1920
% Passenger Vehicles	94.6	98.4	0	98	0	0	0	0	100	92	97.3	94.8	94.7	100	91	92.2	95.2
Large 2 Axle Vehicles	5	7	0	12	0	0	0	0	0	8	2	10	6	0	8	14	36
% Large 2 Axle Vehicles	5.4	1.1	0	1.6	0	0	0	0	0	2.5	0.5	1.4	3.5	0	1.9	2.4	1.8
3 Axle Vehicles	0	1	0	1	0	0	0	0	0	6	3	9	1	0	4	5	15
% 3 Axle Vehicles	0	0.2	0	0.1	0	0	0	0	0	1.9	0.8	1.3	0.6	0	1	0.8	0.7
4+ Axle Trucks	0	2	0	2	0	0	0	0	0	12	5	17	2	0	25	27	46
% 4+ Axle Trucks	0	0.3	0	0.3	0	0	0	0	0	3.7	1.4	2.5	1.2	0	6.1	4.6	2.3

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	10	95	0	105	0	0	0	0	0	54	60	114	9	2	52	63	282
03:45 PM	13	87	0	100	0	0	0	0	0	41	50	91	22	1	47	70	261
04:00 PM	12	76	0	88	0	0	0	0	1	36	55	92	22	1	41	64	244
04:15 PM	9	76	0	85	0	0	0	0	0	31	40	71	18	2	74	94	250
Total Volume	44	334	0	378	0	0	0	0	1	162	205	368	71	6	214	291	1037
% App. Total	11.6	88.4	0		0	0	0		0.3	44	55.7		24.4	2.1	73.5		
PHF	.846	.879	.000	.900	.000	.000	.000	.000	.250	.750	.854	.807	.807	.750	.723	.774	.919

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				03:30 PM				03:30 PM				04:15 PM			
+0 mins.	12	76	0	88	0	0	0	0	0	54	60	114	18	2	74	94
+15 mins.	9	76	0	85	0	0	0	0	0	41	50	91	23	0	62	85
+30 mins.	12	87	0	99	0	0	0	0	1	36	55	92	19	1	49	69
+45 mins.	17	94	0	111	0	0	0	0	0	31	40	71	27	0	43	70
Total Volume	50	333	0	383	0	0	0	0	1	162	205	368	87	3	228	318
% App. Total	13.1	86.9	0		0	0	0		0.3	44	55.7		27.4	0.9	71.7	
PHF	.735	.886	.000	.863	.000	.000	.000	.000	.250	.750	.854	.807	.806	.375	.770	.846

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- Passenger Vehicles

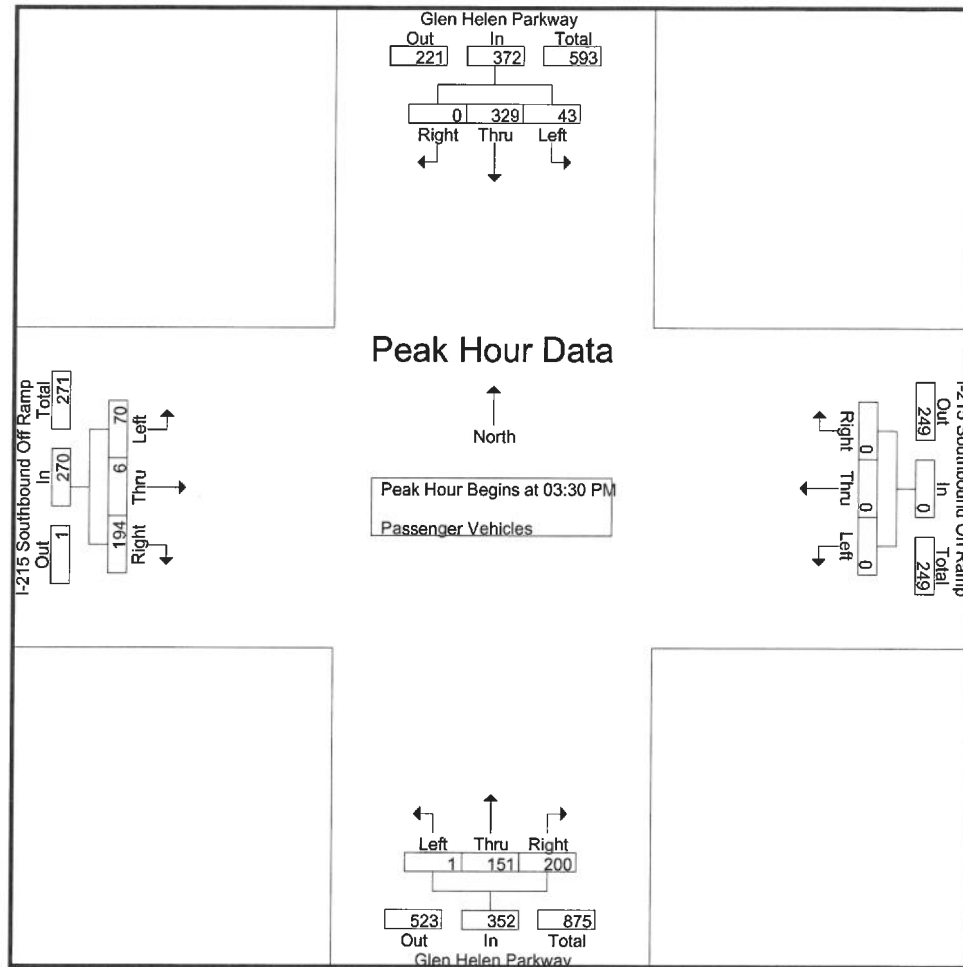
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	9	94	0	103	0	0	0	0	0	51	57	108	9	2	47	58	269
03:45 PM	13	86	0	99	0	0	0	0	0	37	49	86	22	1	42	65	250
Total	22	180	0	202	0	0	0	0	0	88	106	194	31	3	89	123	519
04:00 PM	12	74	0	86	0	0	0	0	1	33	55	89	22	1	38	61	236
04:15 PM	9	75	0	84	0	0	0	0	0	30	39	69	17	2	67	86	239
04:30 PM	12	85	0	97	0	0	0	0	0	35	46	81	22	0	58	80	258
04:45 PM	16	94	0	110	0	0	0	0	0	51	34	85	15	1	45	61	256
Total	49	328	0	377	0	0	0	0	1	149	174	324	76	4	208	288	989
05:00 PM	11	58	0	69	0	0	0	0	0	36	36	72	27	0	37	64	205
05:15 PM	5	68	0	73	0	0	0	0	0	24	41	65	27	1	41	69	207
Grand Total	87	634	0	721	0	0	0	0	1	297	357	655	161	8	375	544	1920
Apprch %	12.1	87.9	0		0	0	0		0.2	45.3	54.5		29.6	1.5	68.9		
Total %	4.5	33	0	37.6	0	0	0	0	0.1	15.5	18.6	34.1	8.4	0.4	19.5	28.3	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	9	94	0	103	0	0	0	0	0	51	57	108	9	2	47	58	269
03:45 PM	13	86	0	99	0	0	0	0	0	37	49	86	22	1	42	65	250
04:00 PM	12	74	0	86	0	0	0	0	1	33	55	89	22	1	38	61	236
04:15 PM	9	75	0	84	0	0	0	0	0	30	39	69	17	2	67	86	239
Total Volume	43	329	0	372	0	0	0	0	1	151	200	352	70	6	194	270	994
% App. Total	11.6	88.4	0		0	0	0		0.3	42.9	56.8		25.9	2.2	71.9		
PHF	.827	.875	.000	.903	.000	.000	.000	.000	.250	.740	.877	.815	.795	.750	.724	.785	.924

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	9	94	0	103	0	0	0	0	0	51	57	108	9	2	47	58
+15 mins.	13	86	0	99	0	0	0	0	0	37	49	86	22	1	42	65
+30 mins.	12	74	0	86	0	0	0	0	1	33	55	89	22	1	38	61
+45 mins.	9	75	0	84	0	0	0	0	0	30	39	69	17	2	67	86
Total Volume	43	329	0	372	0	0	0	0	1	151	200	352	70	6	194	270
% App. Total	11.6	88.4	0		0	0	0	0	0.3	42.9	56.8		25.9	2.2	71.9	
PHF	.827	.875	.000	.903	.000	.000	.000	.000	.250	.740	.877	.815	.795	.750	.724	.785

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

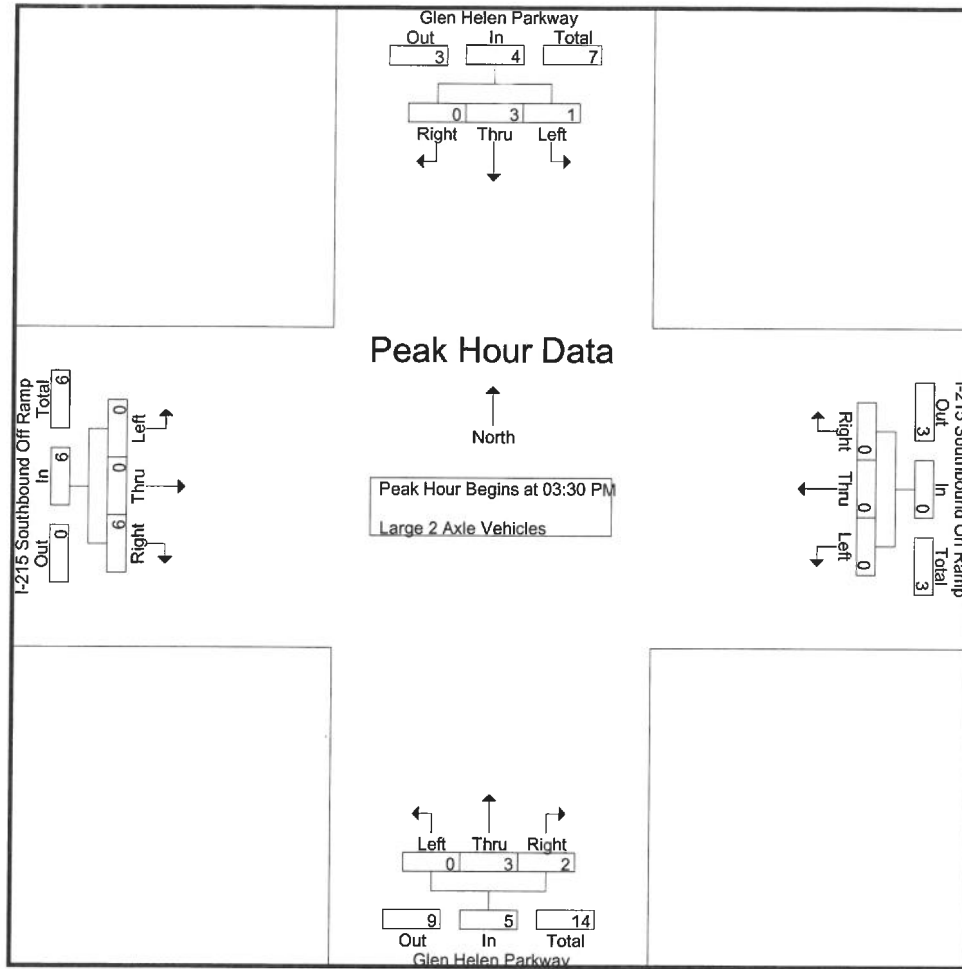
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	1	1	0	2	0	0	0	0	0	1	1	2	0	0	2	2	6
03:45 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	0	2	2	4
Total	1	1	0	2	0	0	0	0	0	2	2	4	0	0	4	4	10
04:00 PM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
04:30 PM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	1	1	4
04:45 PM	1	0	0	1	0	0	0	0	0	1	0	1	4	0	0	4	6
Total	1	4	0	5	0	0	0	0	0	3	0	3	4	0	3	7	15
05:00 PM	3	0	0	3	0	0	0	0	0	2	0	2	0	0	1	1	6
05:15 PM	0	2	0	2	0	0	0	0	0	1	0	1	2	0	0	2	5
Grand Total	5	7	0	12	0	0	0	0	0	8	2	10	6	0	8	14	36
Apprch %	41.7	58.3	0		0	0	0		0	80	20		42.9	0	57.1		
Total %	13.9	19.4	0	33.3	0	0	0	0	0	22.2	5.6	27.8	16.7	0	22.2	38.9	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	1	1	0	2	0	0	0	0	0	1	1	2	0	0	2	2	6
03:45 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	0	2	2	4
04:00 PM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
Total Volume	1	3	0	4	0	0	0	0	0	3	2	5	0	0	6	6	15
% App. Total	25	75	0		0	0	0		0	60	40		0	0	100		
PHF	.250	.375	.000	.500	.000	.000	.000	.000	.000	.750	.500	.625	.000	.000	.750	.750	.625

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	1	1	0	2	0	0	0	0	0	1	1	2	0	0	2	2
+15 mins.	0	0	0	0	0	0	0	0	0	1	1	2	0	0	2	2
+30 mins.	0	2	0	2	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	2	2
Total Volume	1	3	0	4	0	0	0	0	0	3	2	5	0	0	6	6
% App. Total	25	75	0		0	0	0		0	60	40		0	0	100	
PHF	.250	.375	.000	.500	.000	.000	.000	.000	.000	.750	.500	.625	.000	.000	.750	.750

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CS_B_GH_215S Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

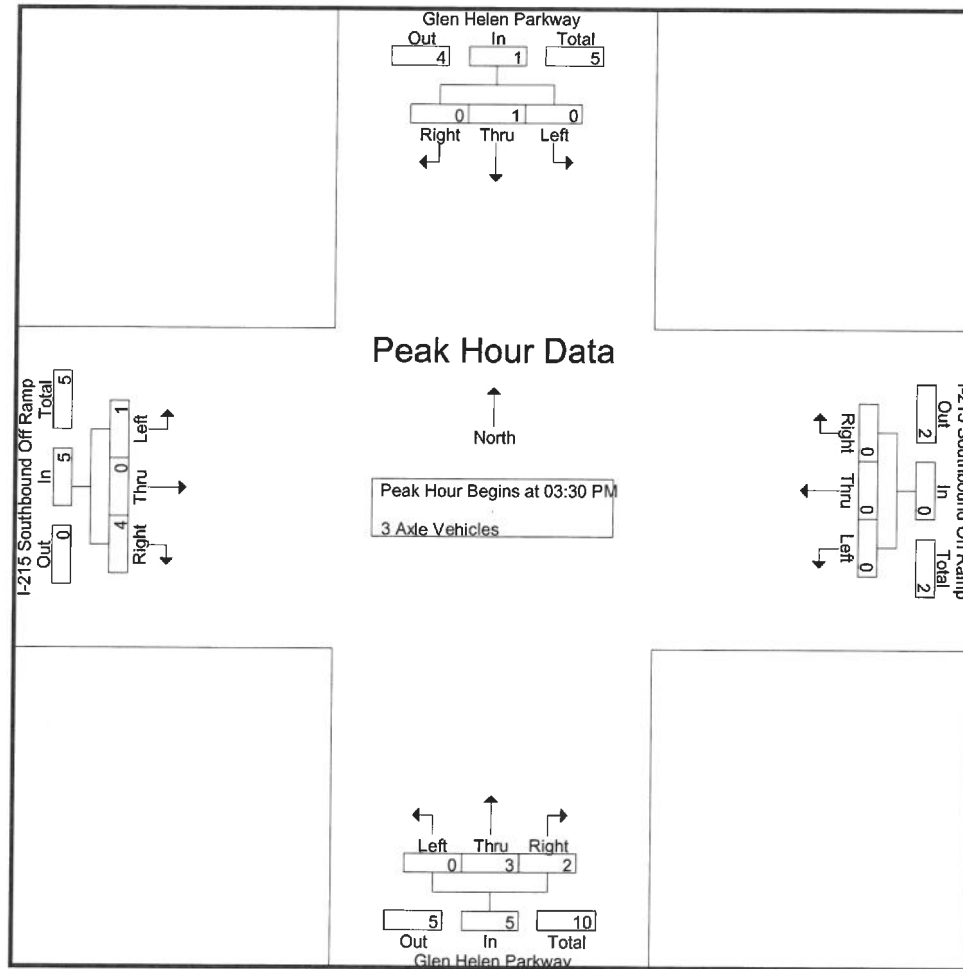
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	0	0	0	0	0	0	0	0	0	2	2	4	0	0	2	2	6
03:45 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	1	3
Total	0	1	0	1	0	0	0	0	0	3	2	5	0	0	3	3	9
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	1	0	1	2	2
04:30 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	2	1	3	1	0	1	2	5
05:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	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
Grand Total	0	1	0	1	0	0	0	0	0	6	3	9	1	0	4	5	15
Apprch %	0	100	0		0	0	0		0	66.7	33.3		20	0	80		
Total %	0	6.7	0	6.7	0	0	0	0	0	40	20	60	6.7	0	26.7	33.3	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	0	0	0	0	0	0	0	2	2	4	0	0	2	2	6
03:45 PM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	1	3
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	1	0	1	2	2
Total Volume	0	1	0	1	0	0	0	0	0	3	2	5	1	0	4	5	11
% App. Total	0	100	0		0	0	0		0	60	40		20	0	80		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.375	.250	.313	.250	.000	.500	.625	.458

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	2	2	4	0	0	2	2
+15 mins.	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	1
+30 mins.	0	0	0	0	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	1	0	1	2
Total Volume	0	1	0	1	0	0	0	0	0	3	2	5	1	0	4	5
% App. Total	0	100	0		0	0	0		0	60	40		20	0	80	
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.375	.250	.313	.250	.000	.500	.625

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

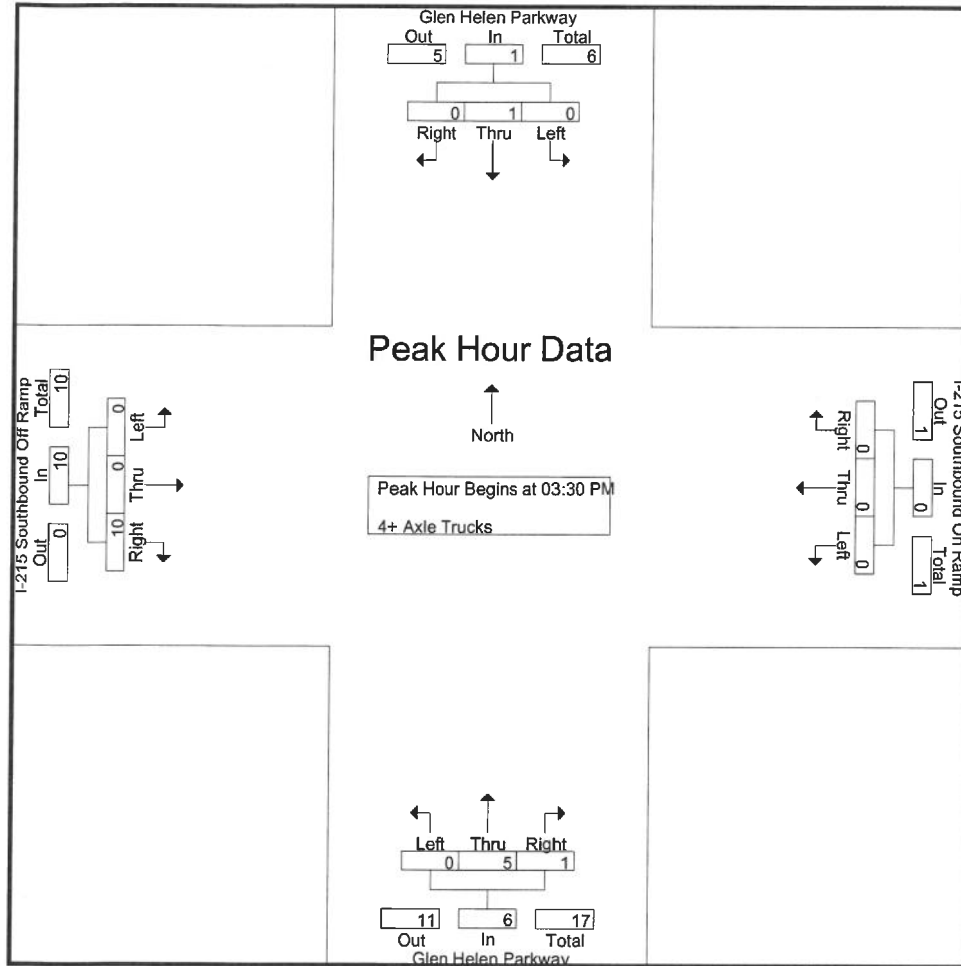
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
03:45 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	2	4
Total	0	0	0	0	0	0	0	0	0	2	0	2	0	0	3	3	5
04:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	3	3	5
04:15 PM	0	1	0	1	0	0	0	0	0	1	1	2	0	0	4	4	7
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3	4	5
04:45 PM	0	0	0	0	0	0	0	0	0	3	1	4	0	0	4	4	8
Total	0	1	0	1	0	0	0	0	0	7	2	9	1	0	14	15	25
05:00 PM	0	0	0	0	0	0	0	0	0	3	1	4	0	0	5	5	9
05:15 PM	0	1	0	1	0	0	0	0	0	0	2	2	1	0	3	4	7
Grand Total	0	2	0	2	0	0	0	0	0	12	5	17	2	0	25	27	46
Apprch %	0	100	0		0	0	0		0	70.6	29.4		7.4	0	92.6		
Total %	0	4.3	0	4.3	0	0	0	0	0	26.1	10.9	37	4.3	0	54.3	58.7	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
03:45 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	2	4
04:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	3	3	5
04:15 PM	0	1	0	1	0	0	0	0	0	1	1	2	0	0	4	4	7
Total Volume	0	1	0	1	0	0	0	0	0	5	1	6	0	0	10	10	17
% App. Total	0	100	0		0	0	0		0	83.3	16.7		0	0	100		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.625	.250	.750	.000	.000	.625	.625	.607

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
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Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
+15 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	2
+30 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	3	3
+45 mins.	0	1	0	1	0	0	0	0	0	1	1	2	0	0	4	4
Total Volume	0	1	0	1	0	0	0	0	0	5	1	6	0	0	10	10
% App. Total	0	100	0		0	0	0		0	83.3	16.7		0	0	100	
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.625	.250	.750	.000	.000	.625	.625

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

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

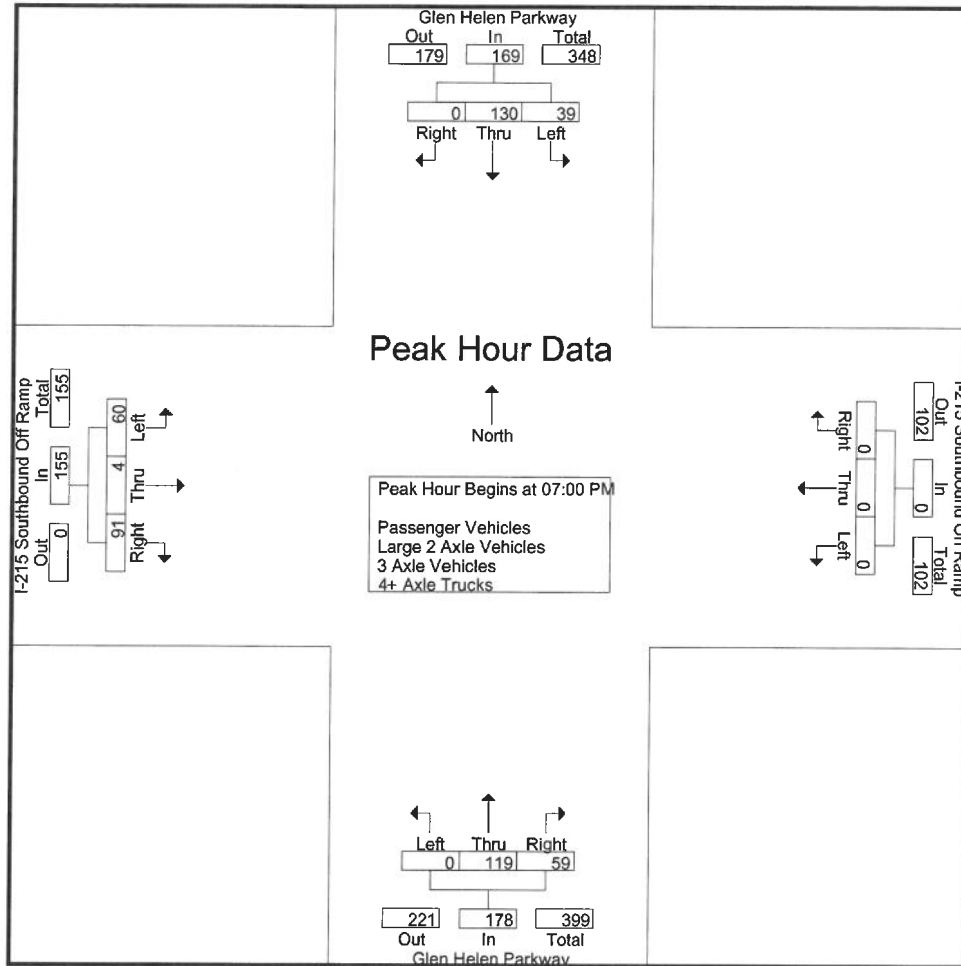
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	6	45	0	51	0	0	0	0	0	21	19	40	11	2	28	41	132
07:15 PM	14	37	0	51	0	0	0	0	0	23	13	36	22	1	23	46	133
07:30 PM	10	31	0	41	0	0	0	0	0	51	16	67	13	0	23	36	144
07:45 PM	9	17	0	26	0	0	0	0	0	24	11	35	14	1	17	32	93
Total	39	130	0	169	0	0	0	0	0	119	59	178	60	4	91	155	502
08:00 PM	13	19	0	32	0	0	0	0	0	16	13	29	16	0	14	30	91
08:15 PM	7	16	0	23	0	0	0	0	0	13	16	29	12	0	21	33	85
08:30 PM	8	21	0	29	0	0	0	0	0	22	12	34	6	0	15	21	84
08:45 PM	3	20	0	23	0	0	0	0	0	18	7	25	10	1	14	25	73
Total	31	76	0	107	0	0	0	0	0	69	48	117	44	1	64	109	333
Grand Total	70	206	0	276	0	0	0	0	0	188	107	295	104	5	155	264	835
Apprch %	25.4	74.6	0		0	0	0		0	63.7	36.3		39.4	1.9	58.7		
Total %	8.4	24.7	0	33.1	0	0	0	0	0	22.5	12.8	35.3	12.5	0.6	18.6	31.6	
Passenger Vehicles	67	199	0	266	0	0	0	0	0	172	100	272	96	5	129	230	768
% Passenger Vehicles	95.7	96.6	0	96.4	0	0	0	0	0	91.5	93.5	92.2	92.3	100	83.2	87.1	92
Large 2 Axle Vehicles	3	3	0	6	0	0	0	0	0	4	3	7	2	0	0	2	15
% Large 2 Axle Vehicles	4.3	1.5	0	2.2	0	0	0	0	0	2.1	2.8	2.4	1.9	0	0	0.8	1.8
3 Axle Vehicles	0	2	0	2	0	0	0	0	0	2	2	4	0	0	4	4	10
% 3 Axle Vehicles	0	1	0	0.7	0	0	0	0	0	1.1	1.9	1.4	0	0	2.6	1.5	1.2
4+ Axle Trucks	0	2	0	2	0	0	0	0	0	10	2	12	6	0	22	28	42
% 4+ Axle Trucks	0	1	0	0.7	0	0	0	0	0	5.3	1.9	4.1	5.8	0	14.2	10.6	5

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	6	45	0	51	0	0	0	0	0	21	19	40	11	2	28	41	132
07:15 PM	14	37	0	51	0	0	0	0	0	23	13	36	22	1	23	46	133
07:30 PM	10	31	0	41	0	0	0	0	0	51	16	67	13	0	23	36	144
07:45 PM	9	17	0	26	0	0	0	0	0	24	11	35	14	1	17	32	93
Total Volume	39	130	0	169	0	0	0	0	0	119	59	178	60	4	91	155	502
% App. Total	23.1	76.9	0		0	0	0		0	66.9	33.1		38.7	2.6	58.7		
PHF	.696	.722	.000	.828	.000	.000	.000	.000	.000	.583	.776	.664	.682	.500	.813	.842	.872

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



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

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	6	45	0	51	0	0	0	0	0	21	19	40	11	2	28	41
+15 mins.	14	37	0	51	0	0	0	0	0	23	13	36	22	1	23	46
+30 mins.	10	31	0	41	0	0	0	0	0	51	16	67	13	0	23	36
+45 mins.	9	17	0	26	0	0	0	0	0	24	11	35	14	1	17	32
Total Volume	39	130	0	169	0	0	0	0	0	119	59	178	60	4	91	155
% App. Total	23.1	76.9	0		0	0	0	0	0	66.9	33.1		38.7	2.6	58.7	
PHF	.696	.722	.000	.828	.000	.000	.000	.000	.000	.583	.776	.664	.682	.500	.813	.842

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp 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 PM	6	44	0	50	0	0	0	0	0	17	19	36	11	2	25	38	124
07:15 PM	13	36	0	49	0	0	0	0	0	22	13	35	19	1	20	40	124
07:30 PM	10	30	0	40	0	0	0	0	0	47	14	61	13	0	19	32	133
07:45 PM	9	16	0	25	0	0	0	0	0	22	11	33	12	1	12	25	83
Total	38	126	0	164	0	0	0	0	0	108	57	165	55	4	76	135	464
08:00 PM	12	18	0	30	0	0	0	0	0	15	12	27	14	0	11	25	82
08:15 PM	7	16	0	23	0	0	0	0	0	13	14	27	12	0	19	31	81
08:30 PM	7	19	0	26	0	0	0	0	0	20	11	31	5	0	13	18	75
08:45 PM	3	20	0	23	0	0	0	0	0	16	6	22	10	1	10	21	66
Total	29	73	0	102	0	0	0	0	0	64	43	107	41	1	53	95	304
Grand Total	67	199	0	266	0	0	0	0	0	172	100	272	96	5	129	230	768
Apprch %	25.2	74.8	0		0	0	0		0	63.2	36.8		41.7	2.2	56.1		
Total %	8.7	25.9	0	34.6	0	0	0	0	0	22.4	13	35.4	12.5	0.7	16.8	29.9	

Start Time	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp 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 PM	6	44	0	50	0	0	0	0	0	17	19	36	11	2	25	38	124
07:15 PM	13	36	0	49	0	0	0	0	0	22	13	35	19	1	20	40	124
07:30 PM	10	30	0	40	0	0	0	0	0	47	14	61	13	0	19	32	133
07:45 PM	9	16	0	25	0	0	0	0	0	22	11	33	12	1	12	25	83
Total Volume	38	126	0	164	0	0	0	0	0	108	57	165	55	4	76	135	464
% App. Total	23.2	76.8	0		0	0	0		0	65.5	34.5		40.7	3	56.3		
PHF	.731	.716	.000	.820	.000	.000	.000	.000	.000	.574	.750	.676	.724	.500	.760	.844	.872

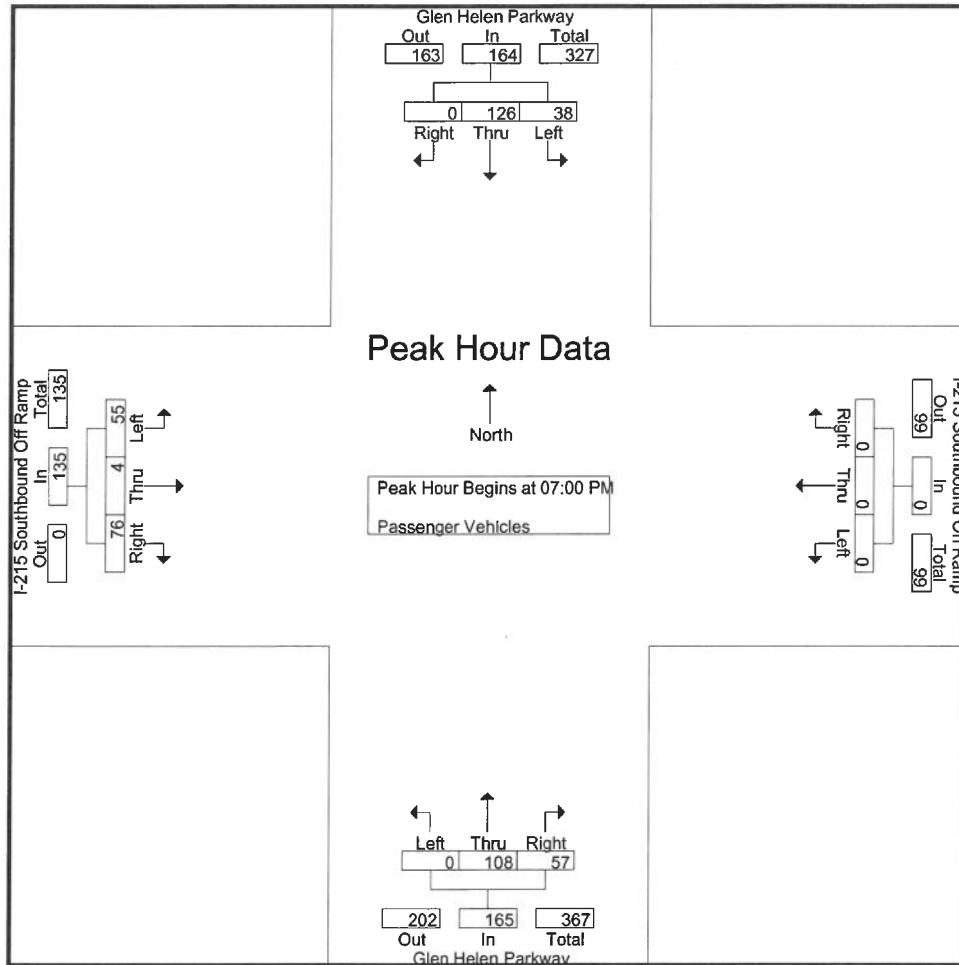
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:00 PM

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



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

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	6	44	0	50	0	0	0	0	0	17	19	36	11	2	25	38
+15 mins.	13	36	0	49	0	0	0	0	0	22	13	35	19	1	20	40
+30 mins.	10	30	0	40	0	0	0	0	0	47	14	61	13	0	19	32
+45 mins.	9	16	0	25	0	0	0	0	0	22	11	33	12	1	12	25
Total Volume	38	126	0	164	0	0	0	0	0	108	57	165	55	4	76	135
% App. Total	23.2	76.8	0		0	0	0		0	65.5	34.5		40.7	3	56.3	
PHF	.731	.716	.000	.820	.000	.000	.000	.000	.000	.574	.750	.676	.724	.500	.760	.844

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

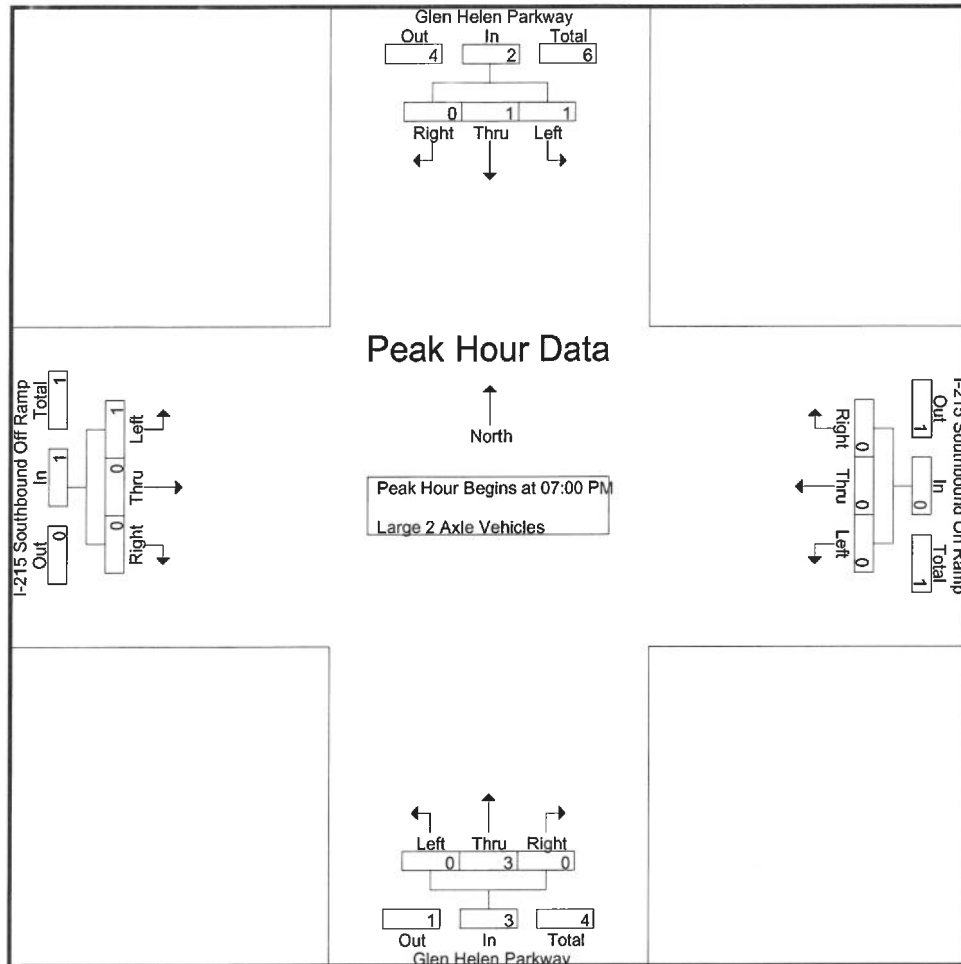
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
07:15 PM	1	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	3
07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	2	0	0	0	0	0	3	0	3	1	0	0	1	6
08:00 PM	1	1	0	2	0	0	0	0	0	1	1	2	1	0	0	1	5
08:15 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
08:30 PM	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
08:45 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
Total	2	2	0	4	0	0	0	0	0	1	3	4	1	0	0	1	9
Grand Total	3	3	0	6	0	0	0	0	0	4	3	7	2	0	0	2	15
Apprch %	50	50	0		0	0	0		0	57.1	42.9		100	0	0		
Total %	20	20	0	40	0	0	0	0	0	26.7	20	46.7	13.3	0	0	13.3	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
07:15 PM	1	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	3
07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	1	0	2	0	0	0	0	0	3	0	3	1	0	0	1	6
% App. Total	50	50	0		0	0	0		0	100	0		100	0	0		
PHF	.250	.250	.000	.500	.000	.000	.000	.000	.000	.375	.000	.375	.250	.000	.000	.250	.500

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



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

Peak Hour for Each Approach Begins at:

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0
+15 mins.	1	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1
+30 mins.	0	0	0	0	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	1	1	0	2	0	0	0	0	0	3	0	3	1	0	0	1
% App. Total	50	50	0		0	0	0		0	100	0		100	0	0	
PHF	.250	.250	.000	.500	.000	.000	.000	.000	.000	.375	.000	.375	.250	.000	.000	.250

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

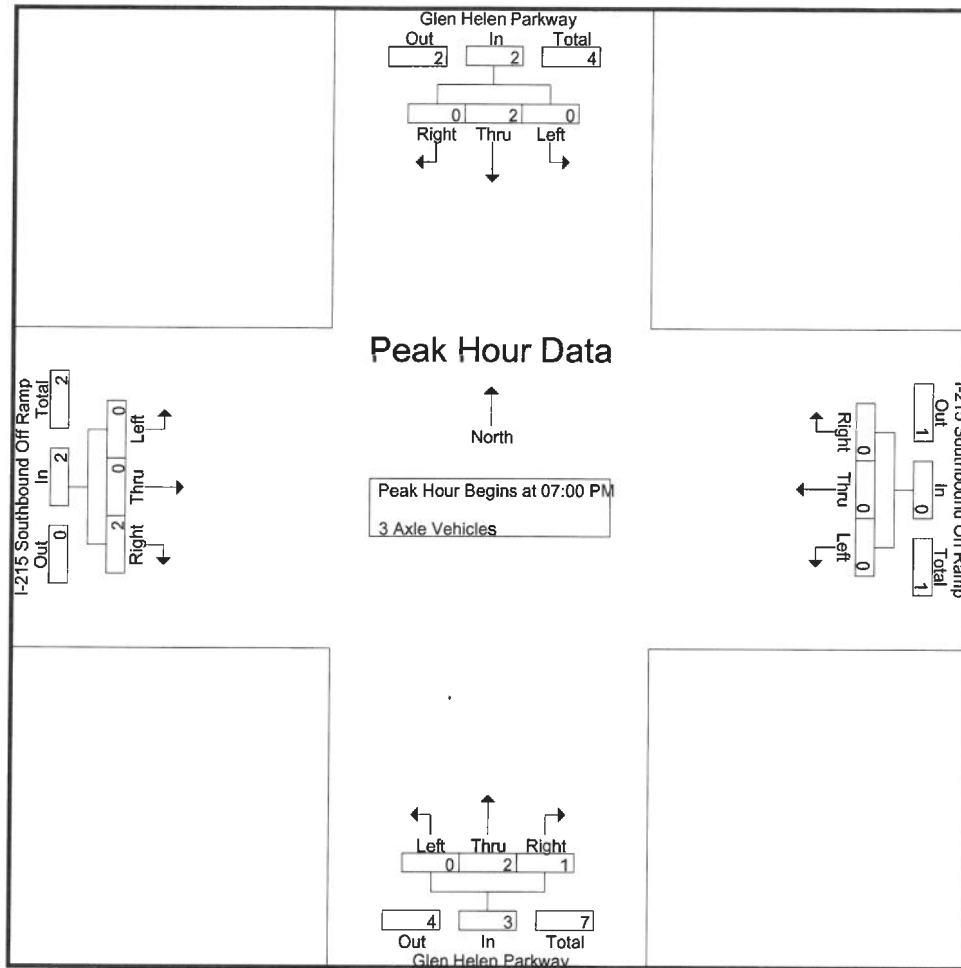
Start Time	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
07:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:30 PM	0	0	0	0	0	0	0	0	0	2	1	3	0	0	1	1	4
07:45 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	2	1	3	0	0	2	2	7
08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
08:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
08:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	3
Grand Total	0	2	0	2	0	0	0	0	0	2	2	4	0	0	4	4	10
Apprch %	0	100	0		0	0	0		0	50	50		0	0	100		
Total %	0	20	0	20	0	0	0	0	0	20	20	40	0	0	40	40	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
07:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:30 PM	0	0	0	0	0	0	0	0	0	2	1	3	0	0	1	1	4
07:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	2	0	2	0	0	0	0	0	2	1	3	0	0	2	2	7
% App. Total	0	100	0		0	0	0		0	66.7	33.3		0	0	100		
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.250	.250	.000	.000	.500	.500	.438

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File Name : 02_CSB_GH_215S Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



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

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
+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	2	1	3	0	0	1	1
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	2	0	2	0	0	0	0	0	2	1	3	0	0	2	2
% App. Total	0	100	0		0	0	0		0	66.7	33.3		0	0	100	
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.250	.250	.000	.000	.500	.500

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

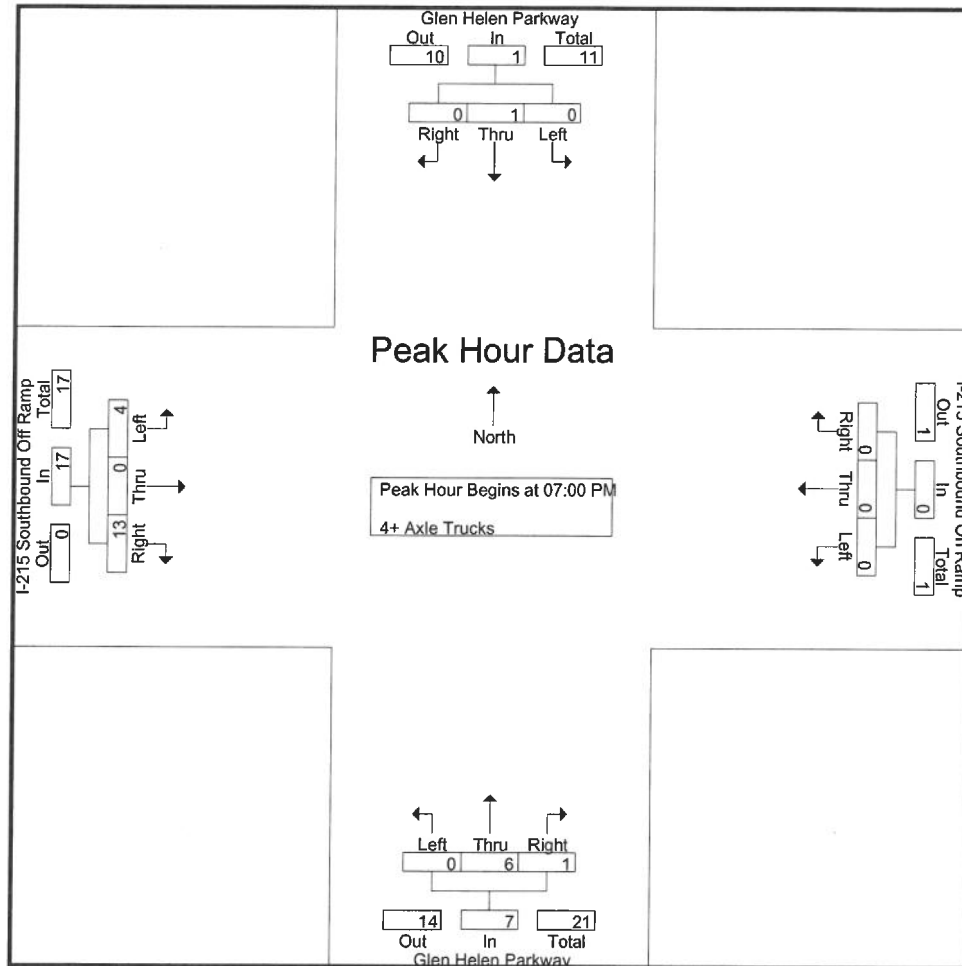
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	2	4
07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	5	5
07:30 PM	0	1	0	1	0	0	0	0	0	2	1	3	0	0	3	3	7
07:45 PM	0	0	0	0	0	0	0	0	0	2	0	2	2	0	5	7	9
Total	0	1	0	1	0	0	0	0	0	6	1	7	4	0	13	17	25
08:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	3
08:15 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	3
08:30 PM	0	1	0	1	0	0	0	0	0	2	0	2	1	0	2	3	6
08:45 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	3	3	5
Total	0	1	0	1	0	0	0	0	0	4	1	5	2	0	9	11	17
Grand Total	0	2	0	2	0	0	0	0	0	10	2	12	6	0	22	28	42
Apprch %	0	100	0		0	0	0		0	83.3	16.7		21.4	0	78.6		
Total %	0	4.8	0	4.8	0	0	0	0	0	23.8	4.8	28.6	14.3	0	52.4	66.7	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	2	4
07:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	5	5
07:30 PM	0	1	0	1	0	0	0	0	0	2	1	3	0	0	3	3	7
07:45 PM	0	0	0	0	0	0	0	0	0	2	0	2	2	0	5	7	9
Total Volume	0	1	0	1	0	0	0	0	0	6	1	7	4	0	13	17	25
% App. Total	0	100	0		0	0	0		0	85.7	14.3		23.5	0	76.5		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.750	.250	.583	.500	.000	.650	.607	.694

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



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

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	2
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	5
+30 mins.	0	1	0	1	0	0	0	0	0	2	1	3	0	0	3	3
+45 mins.	0	0	0	0	0	0	0	0	0	2	0	2	2	0	5	7
Total Volume	0	1	0	1	0	0	0	0	0	6	1	7	4	0	13	17
% App. Total	0	100	0		0	0	0		0	85.7	14.3		23.5	0	76.5	
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.750	.250	.583	.500	.000	.650	.607

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CS_B_GH_215S Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

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

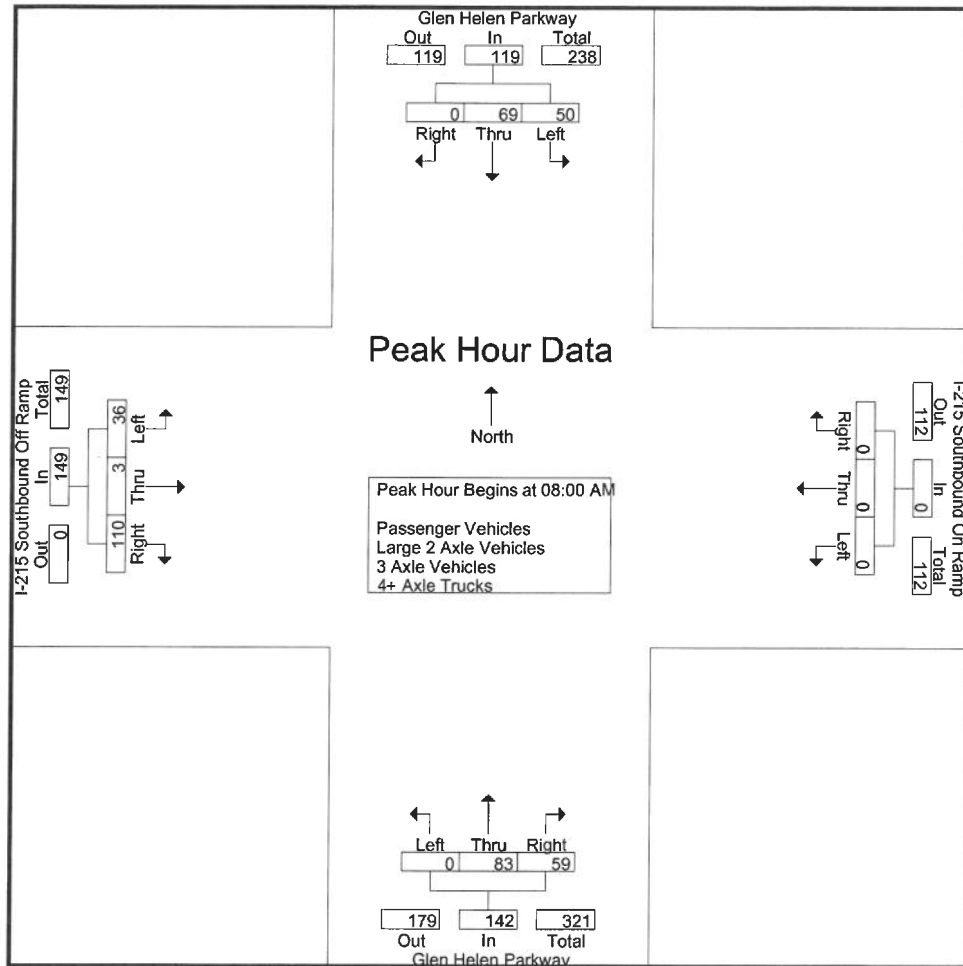
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	19	0	28	0	0	0	0	0	22	6	28	6	1	30	37	93
07:15 AM	11	7	0	18	0	0	0	0	0	13	15	28	5	1	21	27	73
07:30 AM	11	11	0	22	0	0	0	0	0	22	6	28	5	0	21	26	76
07:45 AM	19	21	0	40	0	0	0	0	0	12	7	19	7	0	25	32	91
Total	50	58	0	108	0	0	0	0	0	69	34	103	23	2	97	122	333
08:00 AM	9	16	0	25	0	0	0	0	0	17	12	29	13	1	26	40	94
08:15 AM	12	17	0	29	0	0	0	0	0	23	20	43	5	1	30	36	108
08:30 AM	14	13	0	27	0	0	0	0	0	22	11	33	4	1	21	26	86
08:45 AM	15	23	0	38	0	0	0	0	0	21	16	37	14	0	33	47	122
Total	50	69	0	119	0	0	0	0	0	83	59	142	36	3	110	149	410
Grand Total	100	127	0	227	0	0	0	0	0	152	93	245	59	5	207	271	743
Apprch %	44.1	55.9	0		0	0	0		0	62	38		21.8	1.8	76.4		
Total %	13.5	17.1	0	30.6	0	0	0	0	0	20.5	12.5	33	7.9	0.7	27.9	36.5	
Passenger Vehicles	93	116	0	209	0	0	0	0	0	102	82	184	56	2	165	223	616
% Passenger Vehicles	93	91.3	0	92.1	0	0	0	0	0	67.1	88.2	75.1	94.9	40	79.7	82.3	82.9
Large 2 Axle Vehicles	6	6	0	12	0	0	0	0	0	3	6	9	1	1	9	11	32
% Large 2 Axle Vehicles	6	4.7	0	5.3	0	0	0	0	0	2	6.5	3.7	1.7	20	4.3	4.1	4.3
3 Axle Vehicles	0	1	0	1	0	0	0	0	0	2	0	2	0	0	5	5	8
% 3 Axle Vehicles	0	0.8	0	0.4	0	0	0	0	0	1.3	0	0.8	0	0	2.4	1.8	1.1
4+ Axle Trucks	1	4	0	5	0	0	0	0	0	45	5	50	2	2	28	32	87
% 4+ Axle Trucks	1	3.1	0	2.2	0	0	0	0	0	29.6	5.4	20.4	3.4	40	13.5	11.8	11.7

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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 08:00 AM																	
08:00 AM	9	16	0	25	0	0	0	0	0	17	12	29	13	1	26	40	94
08:15 AM	12	17	0	29	0	0	0	0	0	23	20	43	5	1	30	36	108
08:30 AM	14	13	0	27	0	0	0	0	0	22	11	33	4	1	21	26	86
08:45 AM	15	23	0	38	0	0	0	0	0	21	16	37	14	0	33	47	122
Total Volume	50	69	0	119	0	0	0	0	0	83	59	142	36	3	110	149	410
% App. Total	42	58	0		0	0	0		0	58.5	41.5		24.2	2	73.8		
PHF	.833	.750	.000	.783	.000	.000	.000	.000	.000	.902	.738	.826	.643	.750	.833	.793	.840

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat AM
Site Code : 00324695
Start Date : 8/17/2024
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:

	07:45 AM				07:00 AM				08:00 AM				08:00 AM			
+0 mins.	19	21	0	40	0	0	0	0	0	17	12	29	13	1	26	40
+15 mins.	9	16	0	25	0	0	0	0	0	23	20	43	5	1	30	36
+30 mins.	12	17	0	29	0	0	0	0	0	22	11	33	4	1	21	26
+45 mins.	14	13	0	27	0	0	0	0	0	21	16	37	14	0	33	47
Total Volume	54	67	0	121	0	0	0	0	0	83	59	142	36	3	110	149
% App. Total	44.6	55.4	0		0	0	0	0	0	58.5	41.5		24.2	2	73.8	
PHF	.711	.798	.000	.756	.000	.000	.000	.000	.000	.902	.738	.826	.643	.750	.833	.793

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County of San Bernardino
N/S: Glen Helen Parkway
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Weather: Clear

File Name : 02_CSB_GH_215S Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- Passenger Vehicles

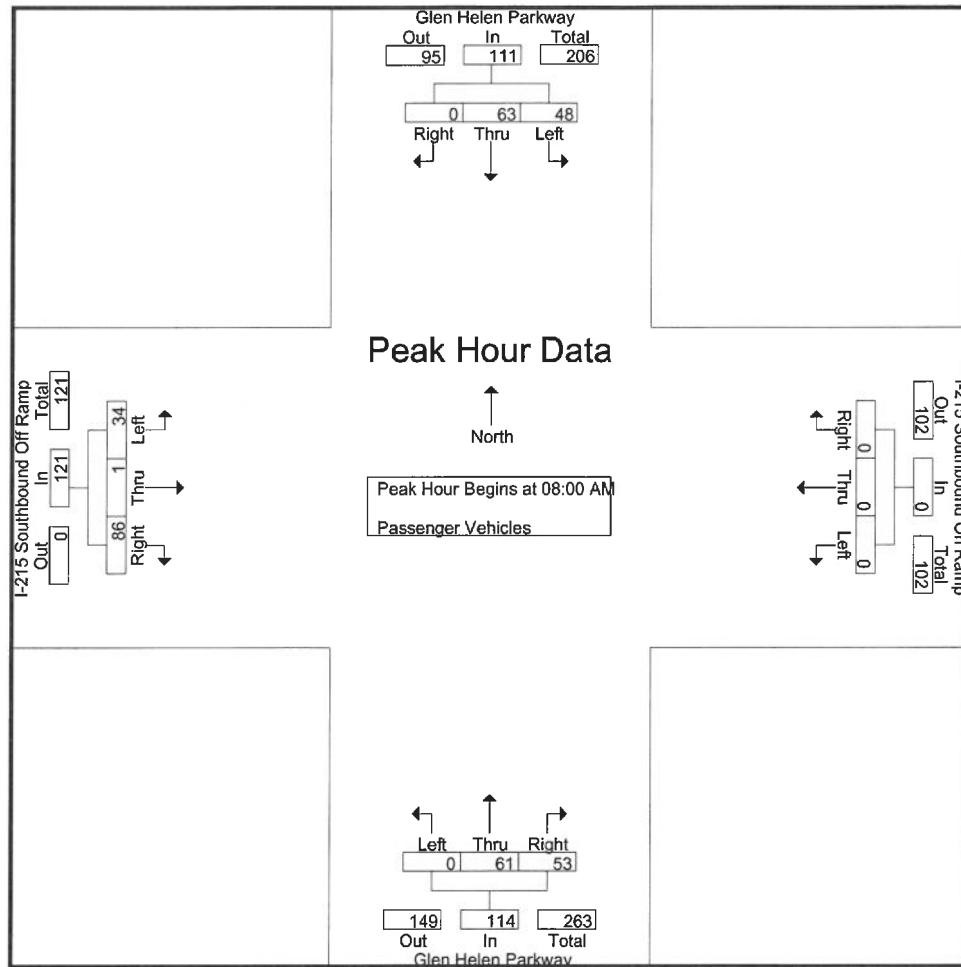
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	7	19	0	26	0	0	0	0	0	13	6	19	6	1	23	30	75
07:15 AM	8	7	0	15	0	0	0	0	0	4	13	17	5	0	20	25	57
07:30 AM	11	10	0	21	0	0	0	0	0	15	4	19	5	0	14	19	59
07:45 AM	19	17	0	36	0	0	0	0	0	9	6	15	6	0	22	28	79
Total	45	53	0	98	0	0	0	0	0	41	29	70	22	1	79	102	270
08:00 AM	9	15	0	24	0	0	0	0	0	12	11	23	12	0	23	35	82
08:15 AM	11	16	0	27	0	0	0	0	0	17	18	35	5	1	23	29	91
08:30 AM	14	12	0	26	0	0	0	0	0	16	10	26	4	0	15	19	71
08:45 AM	14	20	0	34	0	0	0	0	0	16	14	30	13	0	25	38	102
Total	48	63	0	111	0	0	0	0	0	61	53	114	34	1	86	121	346
Grand Total	93	116	0	209	0	0	0	0	0	102	82	184	56	2	165	223	616
Apprch %	44.5	55.5	0		0	0	0		0	55.4	44.6		25.1	0.9	74		
Total %	15.1	18.8	0	33.9	0	0	0	0	0	16.6	13.3	29.9	9.1	0.3	26.8	36.2	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	9	15	0	24	0	0	0	0	0	12	11	23	12	0	23	35	82
08:15 AM	11	16	0	27	0	0	0	0	0	17	18	35	5	1	23	29	91
08:30 AM	14	12	0	26	0	0	0	0	0	16	10	26	4	0	15	19	71
08:45 AM	14	20	0	34	0	0	0	0	0	16	14	30	13	0	25	38	102
Total Volume	48	63	0	111	0	0	0	0	0	61	53	114	34	1	86	121	346
% App. Total	43.2	56.8	0		0	0	0		0	53.5	46.5		28.1	0.8	71.1		
PHF	.857	.788	.000	.816	.000	.000	.000	.000	.000	.897	.736	.814	.654	.250	.860	.796	.848

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	9	15	0	24	0	0	0	0	0	12	11	23	12	0	23	35
+15 mins.	11	16	0	27	0	0	0	0	0	17	18	35	5	1	23	29
+30 mins.	14	12	0	26	0	0	0	0	0	16	10	26	4	0	15	19
+45 mins.	14	20	0	34	0	0	0	0	0	16	14	30	13	0	25	38
Total Volume	48	63	0	111	0	0	0	0	0	61	53	114	34	1	86	121
% App. Total	43.2	56.8	0		0	0	0		0	53.5	46.5		28.1	0.8	71.1	
PHF	.857	.788	.000	.816	.000	.000	.000	.000	.000	.897	.736	.814	.654	.250	.860	.796

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

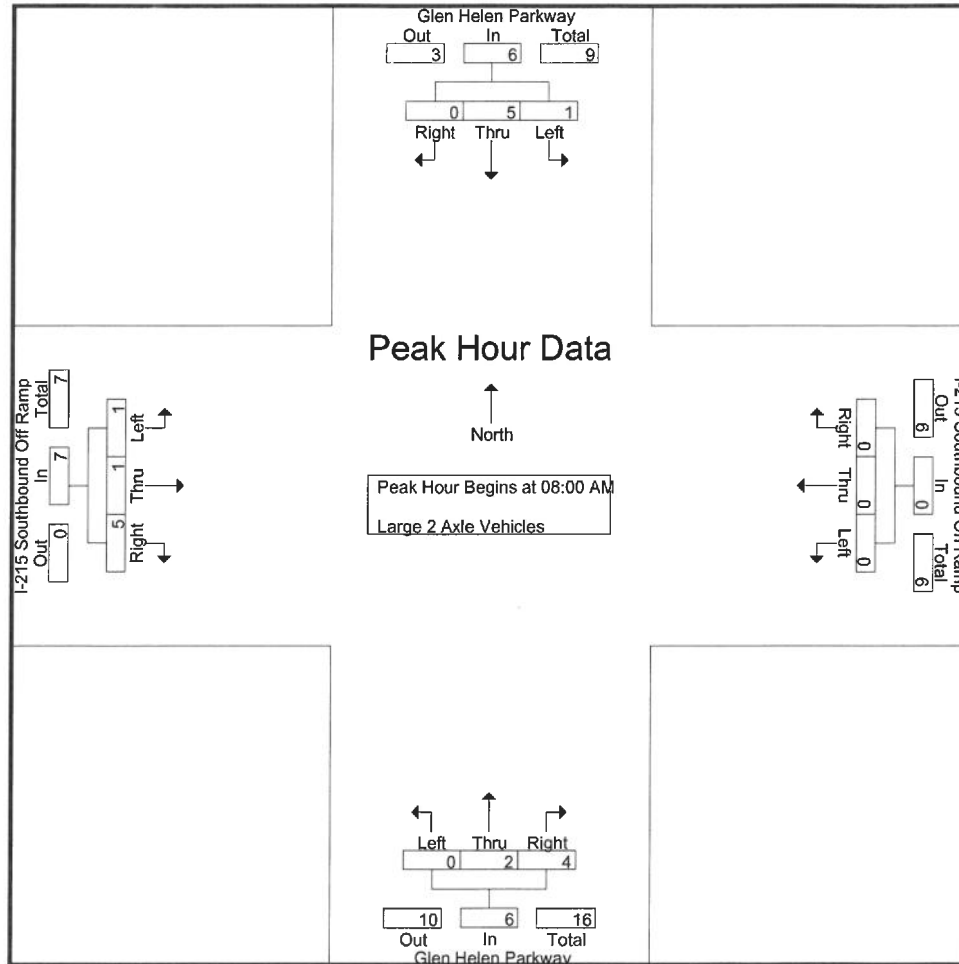
Start Time	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	2	0	0	2	0	0	0	0	0	1	0	1	0	0	3	3	6
07:15 AM	3	0	0	3	0	0	0	0	0	0	1	1	0	0	1	1	5
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
Total	5	1	0	6	0	0	0	0	0	1	2	3	0	0	4	4	13
08:00 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	1	3
08:15 AM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
08:30 AM	0	1	0	1	0	0	0	0	0	0	1	1	0	1	2	3	5
08:45 AM	1	2	0	3	0	0	0	0	0	1	2	3	1	0	2	3	9
Total	1	5	0	6	0	0	0	0	0	2	4	6	1	1	5	7	19
Grand Total	6	6	0	12	0	0	0	0	0	3	6	9	1	1	9	11	32
Apprch %	50	50	0		0	0	0		0	33.3	66.7		9.1	9.1	81.8		
Total %	18.8	18.8	0	37.5	0	0	0	0	0	9.4	18.8	28.1	3.1	3.1	28.1	34.4	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	1	3
08:15 AM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
08:30 AM	0	1	0	1	0	0	0	0	0	0	1	1	0	1	2	3	5
08:45 AM	1	2	0	3	0	0	0	0	0	1	2	3	1	0	2	3	9
Total Volume	1	5	0	6	0	0	0	0	0	2	4	6	1	1	5	7	19
% App. Total	16.7	83.3	0		0	0	0		0	33.3	66.7		14.3	14.3	71.4		
PHF	.250	.625	.000	.500	.000	.000	.000	.000	.000	.500	.500	.500	.250	.250	.625	.583	.528

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	1
+15 mins.	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0
+30 mins.	0	1	0	1	0	0	0	0	0	0	1	1	0	1	2	3
+45 mins.	1	2	0	3	0	0	0	0	0	1	2	3	1	0	2	3
Total Volume	1	5	0	6	0	0	0	0	0	2	4	6	1	1	5	7
% App. Total	16.7	83.3	0		0	0	0	0	0	33.3	66.7		14.3	14.3	71.4	
PHF	.250	.625	.000	.500	.000	.000	.000	.000	.000	.500	.500	.500	.250	.250	.625	.583

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

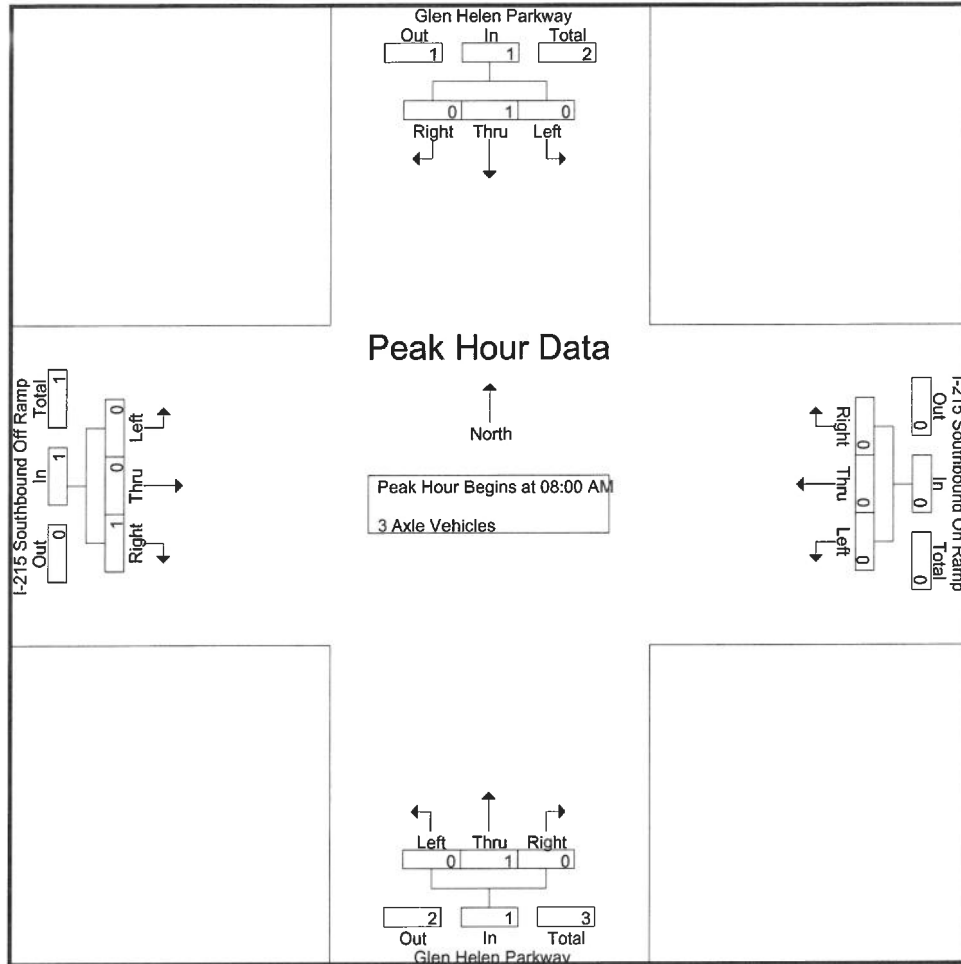
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound					Glen Helen Parkway Northbound					I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		Left	Thru	Right	App. Total		Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0		0	0	0	0		0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0		0	1	0	1		0	0	0	0	1
07:30 AM	0	0	0	0	0	0	0	0		0	0	0	0		0	0	4	4	4
07:45 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	4	4	5
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	1	1	2
08:45 AM	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	1	0	1		0	0	1	1	3
Grand Total	0	1	0	1	0	0	0	0		0	2	0	2		0	0	5	5	8
Apprch %	0	100	0		0	0	0			0	100	0			0	0	100		
Total %	0	12.5	0	12.5	0	0	0	0		0	25	0	25		0	0	62.5	62.5	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound					Glen Helen Parkway Northbound					I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		Left	Thru	Right	App. Total		Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																			
Peak Hour for Entire Intersection Begins at 08:00 AM																			
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	1	1	2
08:45 AM	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	1	0	1		0	0	1	1	3
% App. Total	0	100	0		0	0	0			0	100	0			0	0	100		
PHF	.000	.250	.000	.250	.000	.000	.000	.000		.000	.250	.000	.250		.000	.000	.250	.250	.375

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County of San Bernardino
N/S: Glen Helen Parkway
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Weather: Clear

File Name : 02_CSB_GH_215S Sat AM
Site Code : 00324695
Start Date : 8/17/2024
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Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 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	1	0	1	0	0	1	1
+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	1	0	1	0	0	1	1
% App. Total	0	100	0		0	0	0		0	100	0		0	0	100	
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.250	.250

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(951) 268-6268

County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

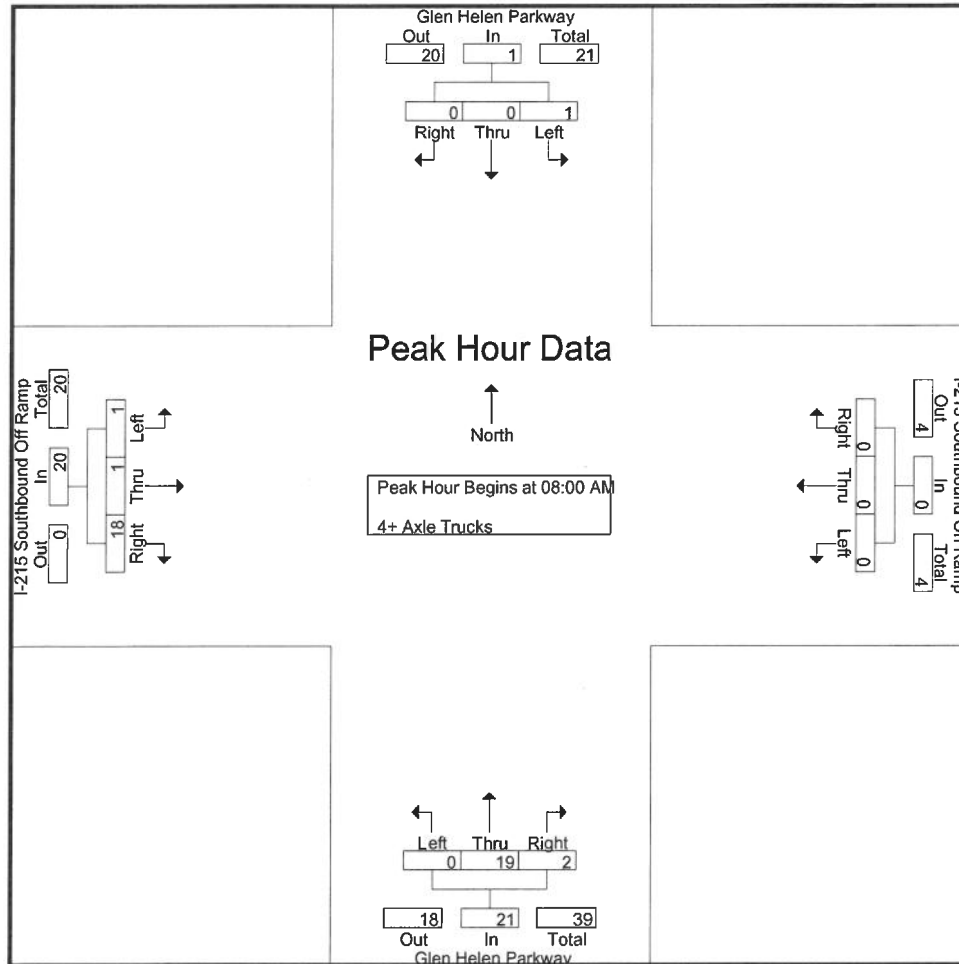
Start Time	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	0	0	0	0	0	0	0	8	0	8	0	0	4	4	12
07:15 AM	0	0	0	0	0	0	0	0	0	8	1	9	0	1	0	1	10
07:30 AM	0	1	0	1	0	0	0	0	0	7	2	9	0	0	3	3	13
07:45 AM	0	3	0	3	0	0	0	0	0	3	0	3	1	0	3	4	10
Total	0	4	0	4	0	0	0	0	0	26	3	29	1	1	10	12	45
08:00 AM	0	0	0	0	0	0	0	0	0	4	1	5	1	1	2	4	9
08:15 AM	1	0	0	1	0	0	0	0	0	6	1	7	0	0	7	7	15
08:30 AM	0	0	0	0	0	0	0	0	0	5	0	5	0	0	3	3	8
08:45 AM	0	0	0	0	0	0	0	0	0	4	0	4	0	0	6	6	10
Total	1	0	0	1	0	0	0	0	0	19	2	21	1	1	18	20	42
Grand Total	1	4	0	5	0	0	0	0	0	45	5	50	2	2	28	32	87
Apprch %	20	80	0		0	0	0		0	90	10		6.2	6.2	87.5		
Total %	1.1	4.6	0	5.7	0	0	0	0	0	51.7	5.7	57.5	2.3	2.3	32.2	36.8	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	0	0	0	0	0	0	0	4	1	5	1	1	2	4	9
08:15 AM	1	0	0	1	0	0	0	0	0	6	1	7	0	0	7	7	15
08:30 AM	0	0	0	0	0	0	0	0	0	5	0	5	0	0	3	3	8
08:45 AM	0	0	0	0	0	0	0	0	0	4	0	4	0	0	6	6	10
Total Volume	1	0	0	1	0	0	0	0	0	19	2	21	1	1	18	20	42
% App. Total	100	0	0		0	0	0		0	90.5	9.5		5	5	90		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.792	.500	.750	.250	.250	.643	.714	.700

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	4	1	5	1	1	2	4
+15 mins.	1	0	0	1	0	0	0	0	0	6	1	7	0	0	7	7
+30 mins.	0	0	0	0	0	0	0	0	0	5	0	5	0	0	3	3
+45 mins.	0	0	0	0	0	0	0	0	0	4	0	4	0	0	6	6
Total Volume	1	0	0	1	0	0	0	0	0	19	2	21	1	1	18	20
% App. Total	100	0	0	0	0	0	0	0	0	90.5	9.5	0	5	5	90	0
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.792	.500	.750	.250	.250	.643	.714

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat PM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

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

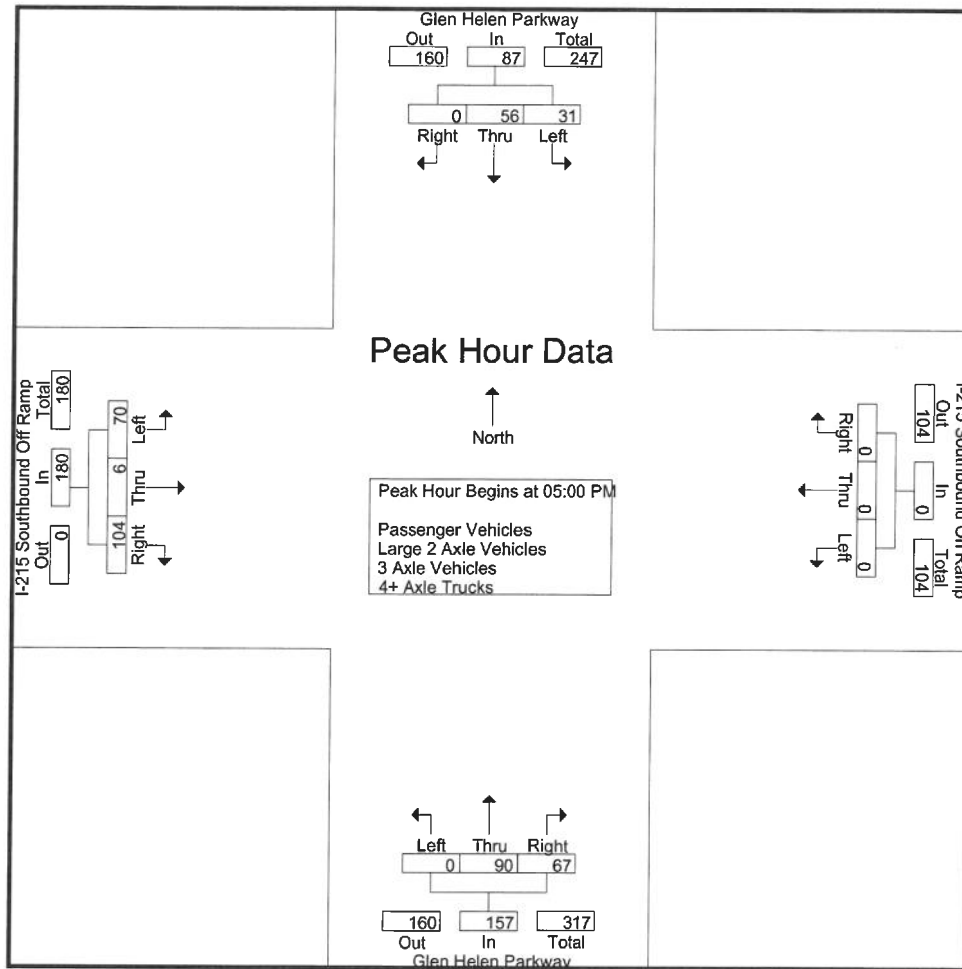
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound					Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	8	16	0	24	0	0	0	0		0	16	25	41	13	0	21	34	99
04:15 PM	13	15	0	28	0	0	0	0		0	25	23	48	17	1	15	33	109
04:30 PM	11	16	0	27	0	0	0	0		0	26	21	47	14	2	17	33	107
04:45 PM	8	9	0	17	0	0	0	0		0	31	17	48	15	0	20	35	100
Total	40	56	0	96	0	0	0	0		0	98	86	184	59	3	73	135	415
05:00 PM	6	13	0	19	0	0	0	0		0	14	20	34	26	0	23	49	102
05:15 PM	8	15	0	23	0	0	0	0		0	24	16	40	14	1	24	39	102
05:30 PM	5	16	0	21	0	0	0	0		0	32	15	47	14	1	26	41	109
05:45 PM	12	12	0	24	0	0	0	0		0	20	16	36	16	4	31	51	111
Total	31	56	0	87	0	0	0	0		0	90	67	157	70	6	104	180	424
Grand Total	71	112	0	183	0	0	0	0		0	188	153	341	129	9	177	315	839
Apprch %	38.8	61.2	0		0	0	0			0	55.1	44.9		41	2.9	56.2		
Total %	8.5	13.3	0	21.8	0	0	0	0		0	22.4	18.2	40.6	15.4	1.1	21.1	37.5	
Passenger Vehicles	67	110	0	177	0	0	0	0		0	176	148	324	122	9	144	275	776
% Passenger Vehicles	94.4	98.2	0	96.7	0	0	0	0		0	93.6	96.7	95	94.6	100	81.4	87.3	92.5
Large 2 Axle Vehicles	2	2	0	4	0	0	0	0		0	2	1	3	5	0	8	13	20
% Large 2 Axle Vehicles	2.8	1.8	0	2.2	0	0	0	0		0	1.1	0.7	0.9	3.9	0	4.5	4.1	2.4
3 Axle Vehicles	0	0	0	0	0	0	0	0		0	0	2	2	0	0	6	6	8
% 3 Axle Vehicles	0	0	0	0	0	0	0	0		0	0	1.3	0.6	0	0	3.4	1.9	1
4+ Axle Trucks	2	0	0	2	0	0	0	0		0	10	2	12	2	0	19	21	35
% 4+ Axle Trucks	2.8	0	0	1.1	0	0	0	0		0	5.3	1.3	3.5	1.6	0	10.7	6.7	4.2

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound					Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		Left	Thru	Right	App. Total	Left	Thru	Right	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 05:00 PM																		
05:00 PM	6	13	0	19	0	0	0	0		0	14	20	34	26	0	23	49	102
05:15 PM	8	15	0	23	0	0	0	0		0	24	16	40	14	1	24	39	102
05:30 PM	5	16	0	21	0	0	0	0		0	32	15	47	14	1	26	41	109
05:45 PM	12	12	0	24	0	0	0	0		0	20	16	36	16	4	31	51	111
Total Volume	31	56	0	87	0	0	0	0		0	90	67	157	70	6	104	180	424
% App. Total	35.6	64.4	0		0	0	0			0	57.3	42.7		38.9	3.3	57.8		
PHF	.646	.875	.000	.906	.000	.000	.000	.000		.000	.703	.838	.835	.673	.375	.839	.882	.955

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat PM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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				04:00 PM				05:00 PM			
+0 mins.	8	16	0	24	0	0	0	0	0	16	25	41	26	0	23	49
+15 mins.	13	15	0	28	0	0	0	0	0	25	23	48	14	1	24	39
+30 mins.	11	16	0	27	0	0	0	0	0	26	21	47	14	1	26	41
+45 mins.	8	9	0	17	0	0	0	0	0	31	17	48	16	4	31	51
Total Volume	40	56	0	96	0	0	0	0	0	98	86	184	70	6	104	180
% App. Total	41.7	58.3	0		0	0	0		0	53.3	46.7		38.9	3.3	57.8	
PHF	.769	.875	.000	.857	.000	.000	.000	.000	.000	.790	.860	.958	.673	.375	.839	.882

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat PM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- Passenger Vehicles

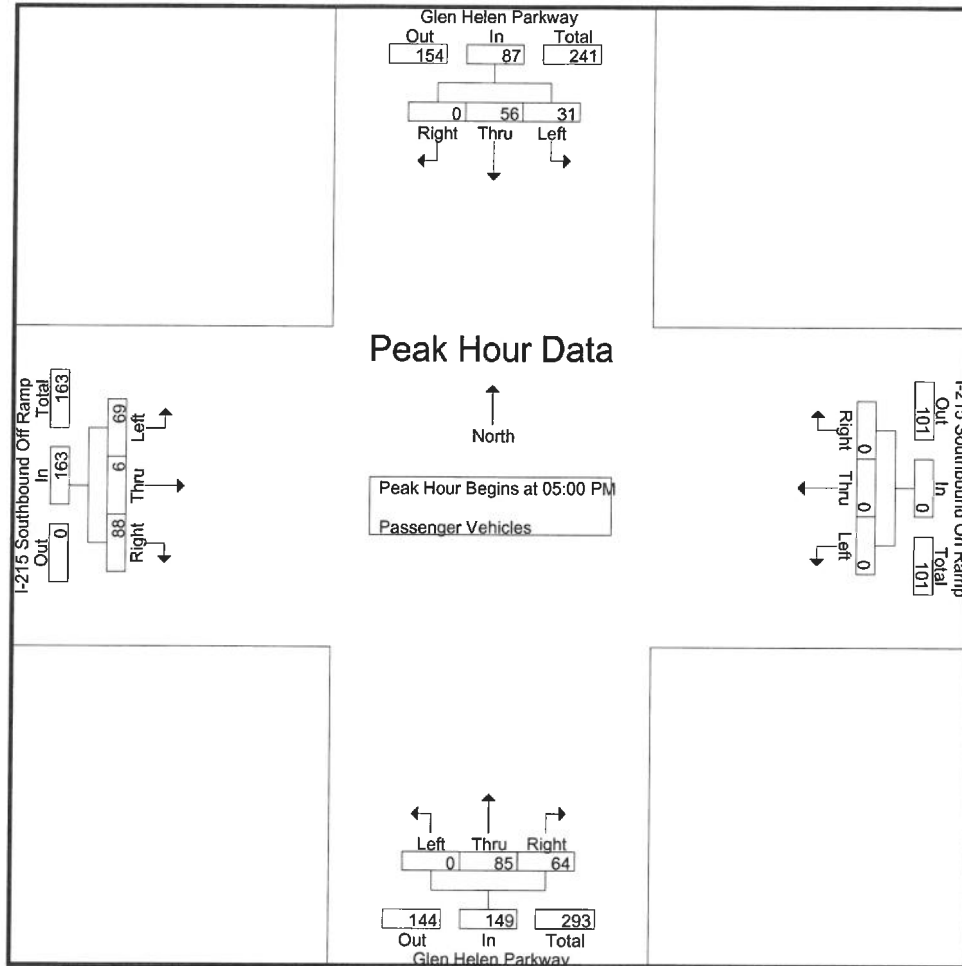
Start Time	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	8	16	0	24	0	0	0	0	0	14	23	37	13	0	13	26	87
04:15 PM	11	15	0	26	0	0	0	0	0	25	23	48	15	1	15	31	105
04:30 PM	11	15	0	26	0	0	0	0	0	22	21	43	12	2	14	28	97
04:45 PM	6	8	0	14	0	0	0	0	0	30	17	47	13	0	14	27	88
Total	36	54	0	90	0	0	0	0	0	91	84	175	53	3	56	112	377
05:00 PM	6	13	0	19	0	0	0	0	0	14	18	32	26	0	19	45	96
05:15 PM	8	15	0	23	0	0	0	0	0	22	15	37	14	1	21	36	96
05:30 PM	5	16	0	21	0	0	0	0	0	30	15	45	14	1	23	38	104
05:45 PM	12	12	0	24	0	0	0	0	0	19	16	35	15	4	25	44	103
Total	31	56	0	87	0	0	0	0	0	85	64	149	69	6	88	163	399
Grand Total	67	110	0	177	0	0	0	0	0	176	148	324	122	9	144	275	776
Apprch %	37.9	62.1	0		0	0	0		0	54.3	45.7		44.4	3.3	52.4		
Total %	8.6	14.2	0	22.8	0	0	0	0	0	22.7	19.1	41.8	15.7	1.2	18.6	35.4	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	6	13	0	19	0	0	0	0	0	14	18	32	26	0	19	45	96
05:15 PM	8	15	0	23	0	0	0	0	0	22	15	37	14	1	21	36	96
05:30 PM	5	16	0	21	0	0	0	0	0	30	15	45	14	1	23	38	104
05:45 PM	12	12	0	24	0	0	0	0	0	19	16	35	15	4	25	44	103
Total Volume	31	56	0	87	0	0	0	0	0	85	64	149	69	6	88	163	399
% App. Total	35.6	64.4	0		0	0	0		0	57	43		42.3	3.7	54		
PHF	.646	.875	.000	.906	.000	.000	.000	.000	.000	.708	.889	.828	.663	.375	.880	.906	.959

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County of San Bernardino
N/S: Glen Helen Parkway
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File Name : 02_CSB_GH_215S Sat PM
Site Code : 00324695
Start Date : 8/17/2024
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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	6	13	0	19	0	0	0	0	0	14	18	32	26	0	19	45
+15 mins.	8	15	0	23	0	0	0	0	0	22	15	37	14	1	21	36
+30 mins.	5	16	0	21	0	0	0	0	0	30	15	45	14	1	23	38
+45 mins.	12	12	0	24	0	0	0	0	0	19	16	35	15	4	25	44
Total Volume	31	56	0	87	0	0	0	0	0	85	64	149	69	6	88	163
% App. Total	35.6	64.4	0		0	0	0	0	0	57	43		42.3	3.7	54	
PHF	.646	.875	.000	.906	.000	.000	.000	.000	.000	.708	.889	.828	.663	.375	.880	.906

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
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File Name : 02_CSB_GH_215S Sat PM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

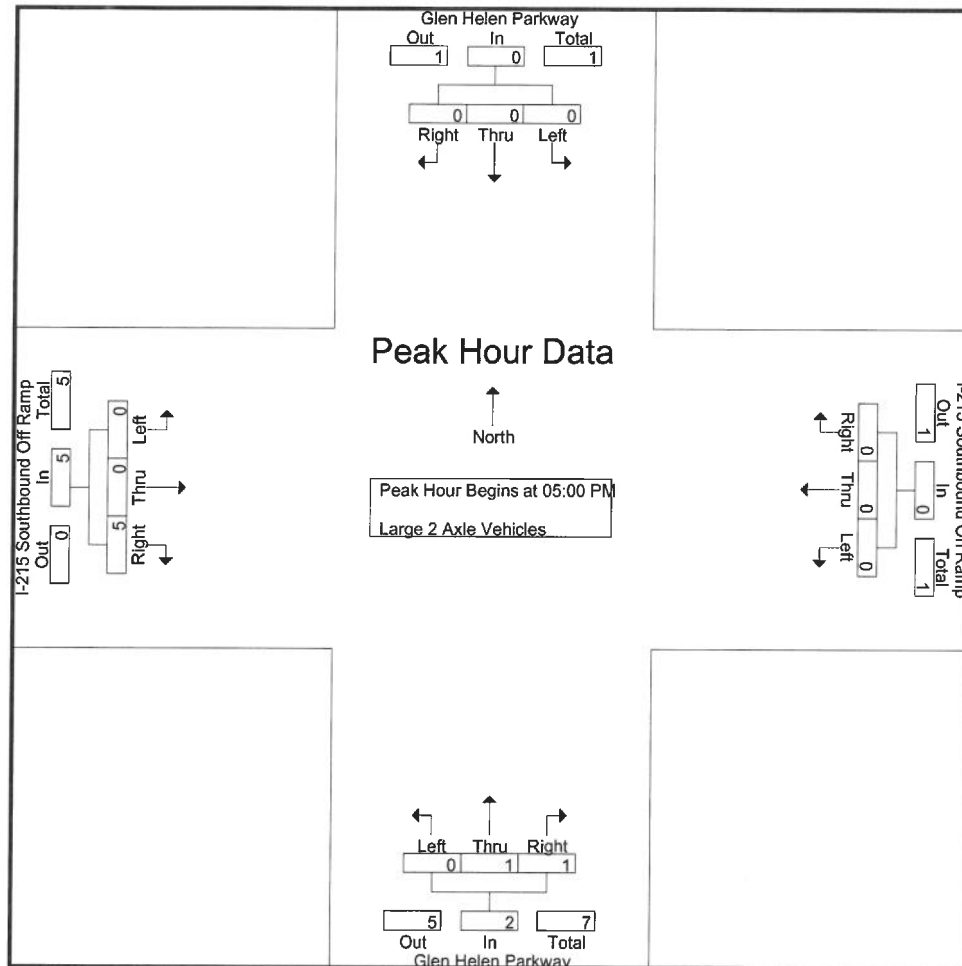
Start Time	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2	3
04:15 PM	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
04:30 PM	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3
04:45 PM	1	1	0	2	0	0	0	0	0	0	0	0	2	0	1	3	5
Total	2	2	0	4	0	0	0	0	0	1	0	1	5	0	3	8	13
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	0	1	1	3
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
Total	0	0	0	0	0	0	0	0	0	1	1	2	0	0	5	5	7
Grand Total	2	2	0	4	0	0	0	0	0	2	1	3	5	0	8	13	20
Apprch %	50	50	0		0	0	0		0	66.7	33.3		38.5	0	61.5		
Total %	10	10	0	20	0	0	0	0	0	10	5	15	25	0	40	65	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
05:15 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	0	1	1	3
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
Total Volume	0	0	0	0	0	0	0	0	0	1	1	2	0	0	5	5	7
% App. Total	0	0	0		0	0	0		0	50	50		0	0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250	.000	.000	.625	.625	.583

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County of San Bernardino
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File Name : 02_CSB_GH_215S Sat PM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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

Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
+15 mins.	0	0	0	0	0	0	0	0	0	1	1	2	0	0	1	1
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Total Volume	0	0	0	0	0	0	0	0	0	1	1	2	0	0	5	5
% App. Total	0	0	0	0	0	0	0	0	0	50	50	250	0	0	100	100
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250	.000	.000	.625	.625

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County of San Bernardino
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E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat PM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

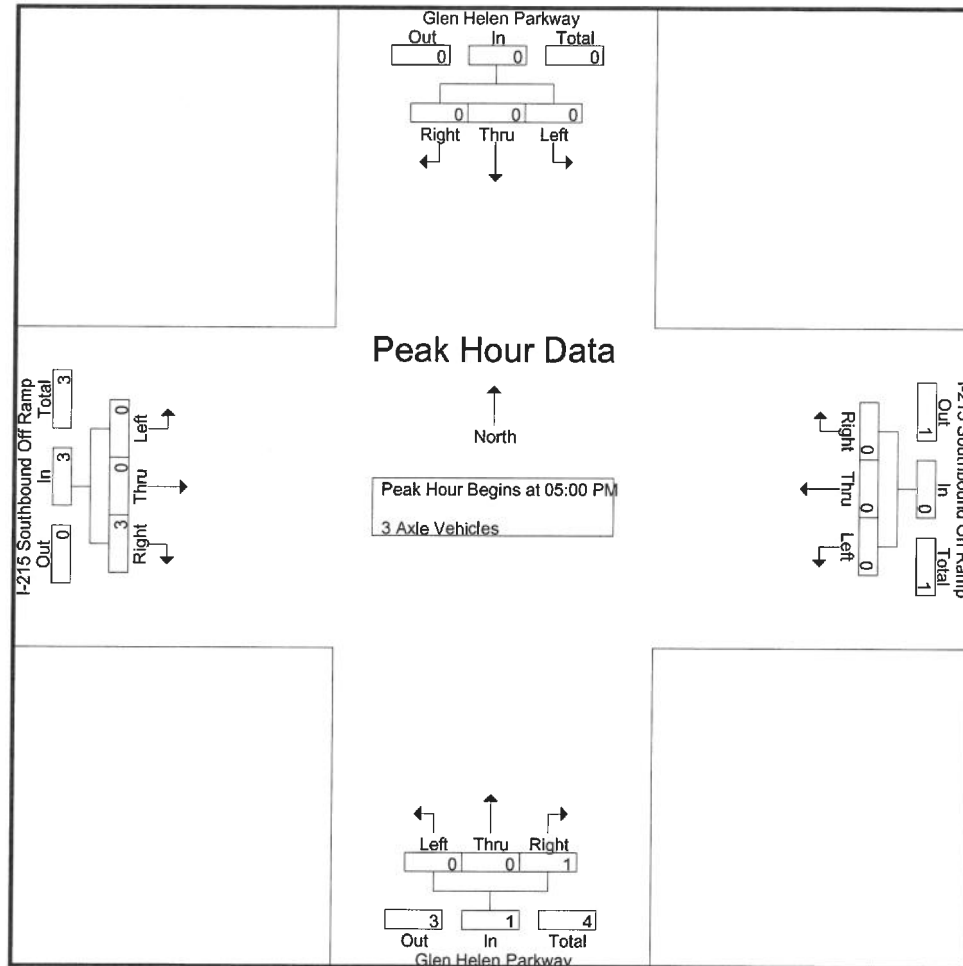
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	2
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	1	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	3	4
05:00 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	3
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	1	1	1
Total	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	3	4
Grand Total	0	0	0	0	0	0	0	0	0	0	2	2	0	0	6	6	8
Apprch %	0	0	0		0	0	0		0	0	100		0	0	100		
Total %	0	0	0		0	0	0		0	0	25	25	0	0	75	75	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound				Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	3
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	1	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	3	4
% App. Total	0	0	0		0	0	0		0	0	100		0	0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.375	.375	.333

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat PM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2
+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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	3
% App. Total	0	0	0	0	0	0	0	0	0	0	100	100	0	0	100	100
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.375	.375

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat PM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

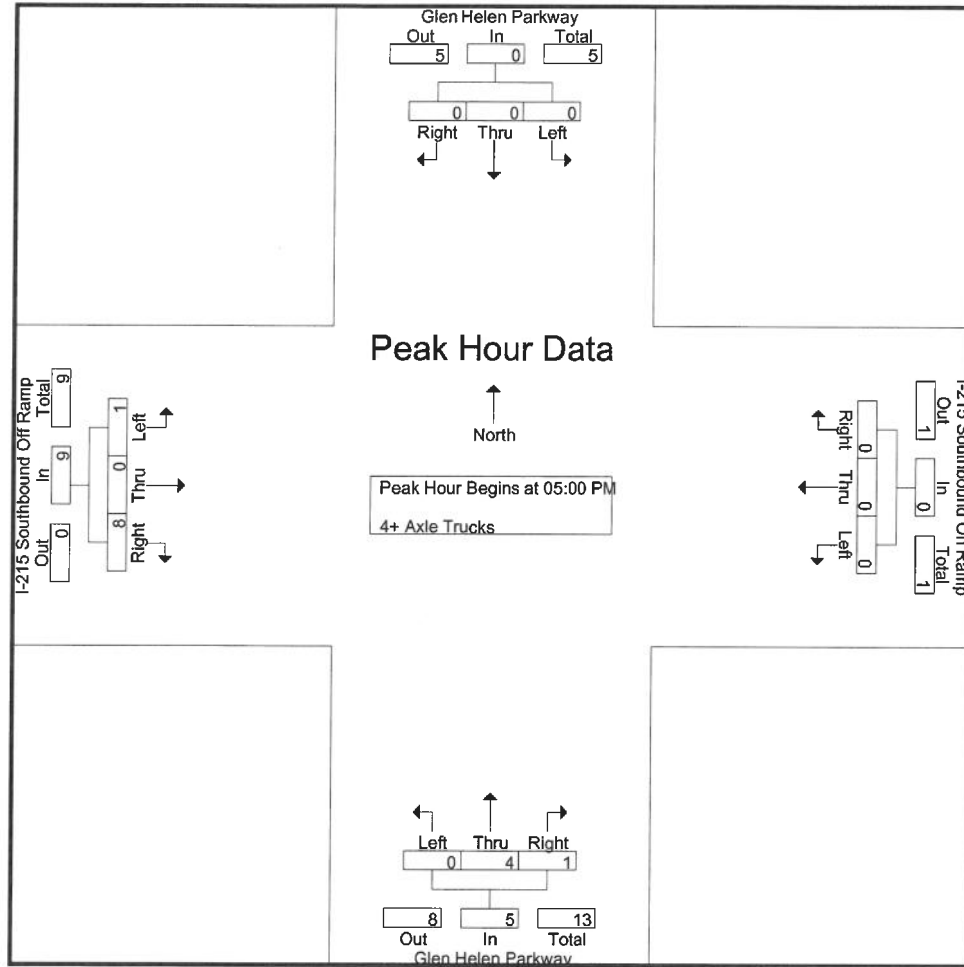
	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound					Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0		0	1	1	2	0	0	5	5	7
04:15 PM	1	0	0	1	0	0	0	0		0	0	0	0	1	0	0	1	2
04:30 PM	0	0	0	0	0	0	0	0		0	4	0	4	0	0	2	2	6
04:45 PM	1	0	0	1	0	0	0	0		0	1	0	1	0	0	4	4	6
Total	2	0	0	2	0	0	0	0		0	6	1	7	1	0	11	12	21
05:00 PM	0	0	0	0	0	0	0	0		0	0	1	1	0	0	1	1	2
05:15 PM	0	0	0	0	0	0	0	0		0	1	0	1	0	0	2	2	3
05:30 PM	0	0	0	0	0	0	0	0		0	2	0	2	0	0	2	2	4
05:45 PM	0	0	0	0	0	0	0	0		0	1	0	1	1	0	3	4	5
Total	0	0	0	0	0	0	0	0		0	4	1	5	1	0	8	9	14
Grand Total	2	0	0	2	0	0	0	0		0	10	2	12	2	0	19	21	35
Apprch %	100	0	0		0	0	0			0	83.3	16.7		9.5	0	90.5		
Total %	5.7	0	0	5.7	0	0	0	0		0	28.6	5.7	34.3	5.7	0	54.3	60	

	Glen Helen Parkway Southbound				I-215 Southbound On Ramp Westbound					Glen Helen Parkway Northbound				I-215 Southbound Off Ramp Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 05:00 PM																		
05:00 PM	0	0	0	0	0	0	0	0		0	0	1	1	0	0	1	1	2
05:15 PM	0	0	0	0	0	0	0	0		0	1	0	1	0	0	2	2	3
05:30 PM	0	0	0	0	0	0	0	0		0	2	0	2	0	0	2	2	4
05:45 PM	0	0	0	0	0	0	0	0		0	1	0	1	1	0	3	4	5
Total Volume	0	0	0	0	0	0	0	0		0	4	1	5	1	0	8	9	14
% App. Total	0	0	0		0	0	0			0	80	20		11.1	0	88.9		
PHF	.000	.000	.000	.000	.000	.000	.000	.000		.000	.500	.250	.625	.250	.000	.667	.563	.700

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: I-215 Southbound Ramps
Weather: Clear

File Name : 02_CSB_GH_215S Sat PM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 2



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

Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1
+15 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2
+30 mins.	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	2
+45 mins.	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3	4
Total Volume	0	0	0	0	0	0	0	0	0	4	1	5	1	0	8	9
% App. Total	0	0	0	0	0	0	0	0	0	80	20		11.1	0	88.9	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.500	.250	.625	.250	.000	.667	.563

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

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

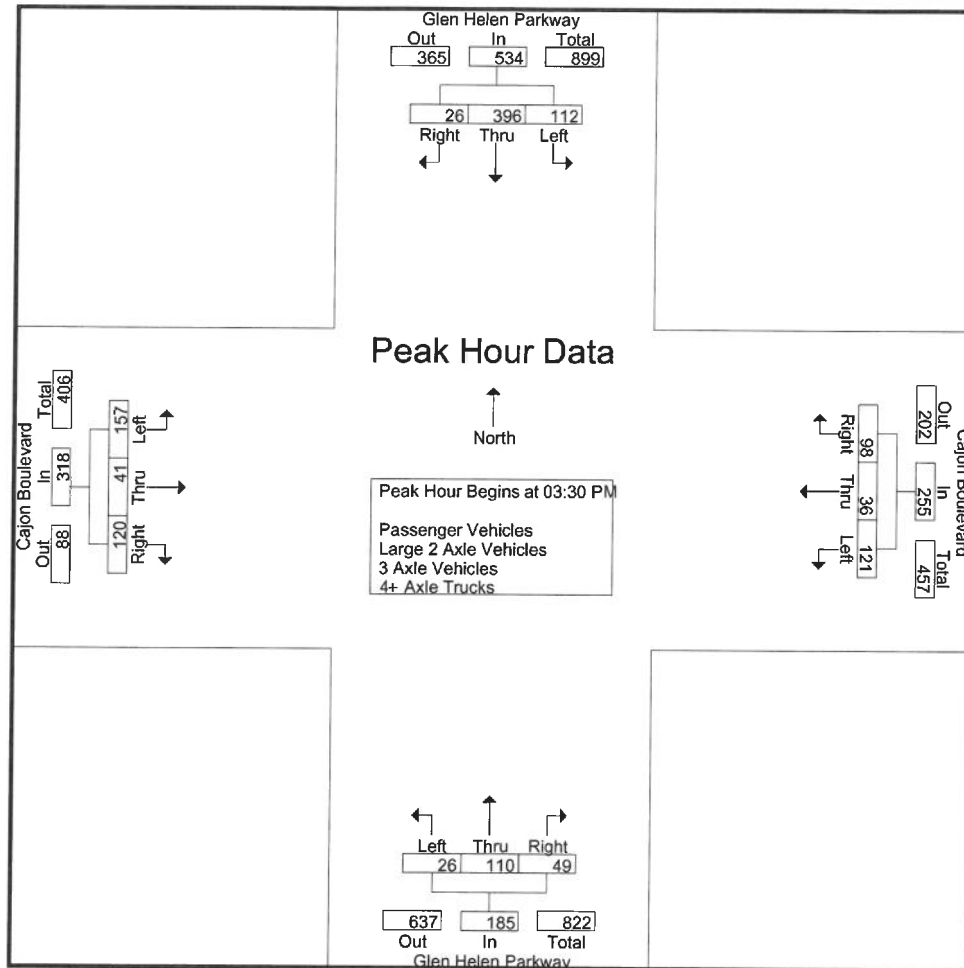
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	14	106	9	129	25	10	42	77	6	27	11	44	44	5	30	79	329
03:45 PM	28	113	4	145	29	9	23	61	10	25	11	46	41	14	26	81	333
Total	42	219	13	274	54	19	65	138	16	52	22	90	85	19	56	160	662
04:00 PM	32	79	8	119	27	9	17	53	7	33	16	56	43	11	36	90	318
04:15 PM	38	98	5	141	40	8	16	64	3	25	11	39	29	11	28	68	312
04:30 PM	18	112	12	142	25	11	31	67	2	17	10	29	40	14	24	78	316
04:45 PM	26	117	9	152	33	6	43	82	7	12	10	29	33	13	24	70	333
Total	114	406	34	554	125	34	107	266	19	87	47	153	145	49	112	306	1279
05:00 PM	19	79	7	105	20	4	31	55	3	9	9	21	39	13	13	65	246
05:15 PM	31	77	6	114	14	10	17	41	2	10	3	15	41	8	13	62	232
Grand Total	206	781	60	1047	213	67	220	500	40	158	81	279	310	89	194	593	2419
Apprch %	19.7	74.6	5.7		42.6	13.4	44		14.3	56.6	29		52.3	15	32.7		
Total %	8.5	32.3	2.5	43.3	8.8	2.8	9.1	20.7	1.7	6.5	3.3	11.5	12.8	3.7	8	24.5	
Passenger Vehicles	168	778	59	1005	199	66	197	462	40	157	75	272	299	88	193	580	2319
% Passenger Vehicles	81.6	99.6	98.3	96	93.4	98.5	89.5	92.4	100	99.4	92.6	97.5	96.5	98.9	99.5	97.8	95.9
Large 2 Axle Vehicles	7	3	0	10	1	0	4	5	0	0	1	1	6	0	1	7	23
% Large 2 Axle Vehicles	3.4	0.4	0	1	0.5	0	1.8	1	0	0	1.2	0.4	1.9	0	0.5	1.2	1
3 Axle Vehicles	4	0	0	4	2	0	5	7	0	1	0	1	1	0	0	1	13
% 3 Axle Vehicles	1.9	0	0	0.4	0.9	0	2.3	1.4	0	0.6	0	0.4	0.3	0	0	0.2	0.5
4+ Axle Trucks	27	0	1	28	11	1	14	26	0	0	5	5	4	1	0	5	64
% 4+ Axle Trucks	13.1	0	1.7	2.7	5.2	1.5	6.4	5.2	0	0	6.2	1.8	1.3	1.1	0	0.8	2.6

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	14	106	9	129	25	10	42	77	6	27	11	44	44	5	30	79	329
03:45 PM	28	113	4	145	29	9	23	61	10	25	11	46	41	14	26	81	333
04:00 PM	32	79	8	119	27	9	17	53	7	33	16	56	43	11	36	90	318
04:15 PM	38	98	5	141	40	8	16	64	3	25	11	39	29	11	28	68	312
Total Volume	112	396	26	534	121	36	98	255	26	110	49	185	157	41	120	318	1292
% App. Total	21	74.2	4.9		47.5	14.1	38.4		14.1	59.5	26.5		49.4	12.9	37.7		
PHF	.737	.876	.722	.921	.756	.900	.583	.828	.650	.833	.766	.826	.892	.732	.833	.883	.970

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 05:15 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:00 PM				04:15 PM				03:30 PM				03:30 PM			
+0 mins.	32	79	8	119	40	8	16	64	6	27	11	44	44	5	30	79
+15 mins.	38	98	5	141	25	11	31	67	10	25	11	46	41	14	26	81
+30 mins.	18	112	12	142	33	6	43	82	7	33	16	56	43	11	36	90
+45 mins.	26	117	9	152	20	4	31	55	3	25	11	39	29	11	28	68
Total Volume	114	406	34	554	118	29	121	268	26	110	49	185	157	41	120	318
% App. Total	20.6	73.3	6.1		44	10.8	45.1		14.1	59.5	26.5		49.4	12.9	37.7	
PHF	.750	.868	.708	.911	.738	.659	.703	.817	.650	.833	.766	.826	.892	.732	.833	.883

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- Passenger Vehicles

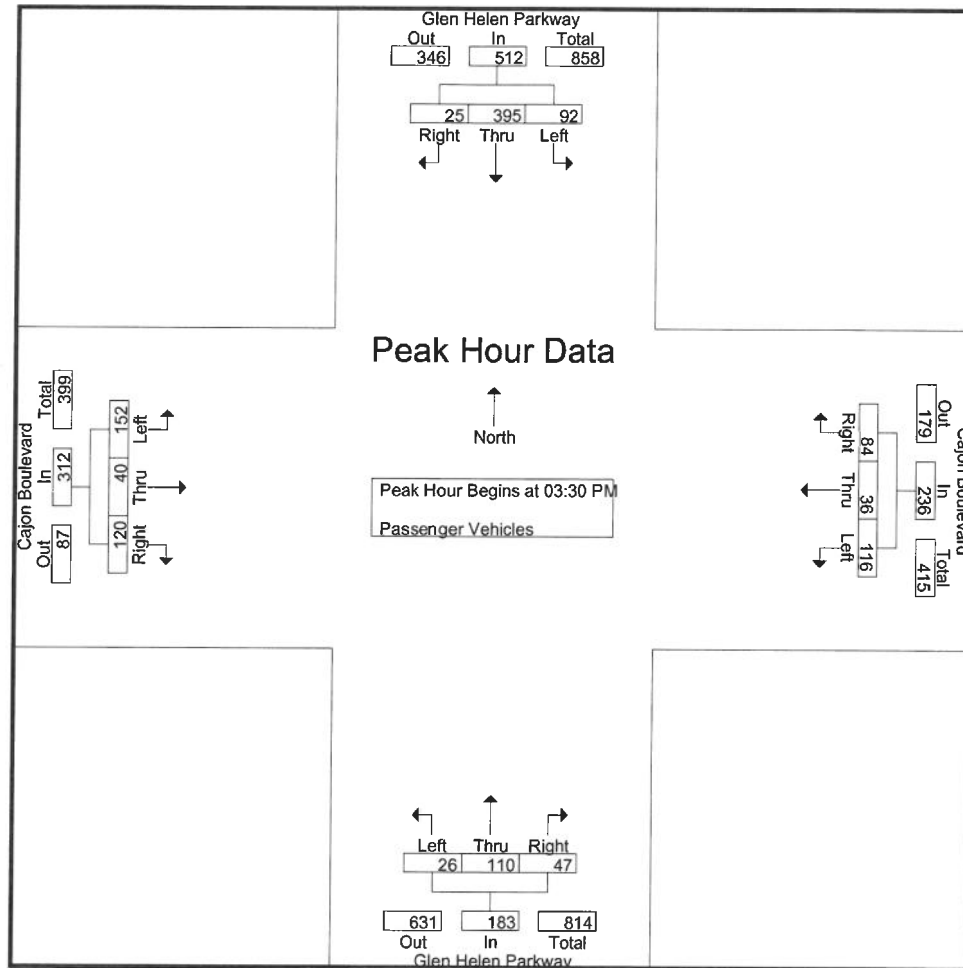
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	11	105	8	124	25	10	38	73	6	27	11	44	42	4	30	76	317
03:45 PM	22	113	4	139	26	9	18	53	10	25	10	45	39	14	26	79	316
Total	33	218	12	263	51	19	56	126	16	52	21	89	81	18	56	155	633
04:00 PM	26	79	8	113	26	9	14	49	7	33	15	55	42	11	36	89	306
04:15 PM	33	98	5	136	39	8	14	61	3	25	11	39	29	11	28	68	304
04:30 PM	14	111	12	137	23	10	30	63	2	16	8	26	39	14	24	77	303
04:45 PM	22	117	9	148	32	6	40	78	7	12	9	28	31	13	24	68	322
Total	95	405	34	534	120	33	98	251	19	86	43	148	141	49	112	302	1235
05:00 PM	13	79	7	99	17	4	27	48	3	9	8	20	37	13	12	62	229
05:15 PM	27	76	6	109	11	10	16	37	2	10	3	15	40	8	13	61	222
Grand Total	168	778	59	1005	199	66	197	462	40	157	75	272	299	88	193	580	2319
Apprch %	16.7	77.4	5.9		43.1	14.3	42.6		14.7	57.7	27.6		51.6	15.2	33.3		
Total %	7.2	33.5	2.5	43.3	8.6	2.8	8.5	19.9	1.7	6.8	3.2	11.7	12.9	3.8	8.3	25	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	11	105	8	124	25	10	38	73	6	27	11	44	42	4	30	76	317
03:45 PM	22	113	4	139	26	9	18	53	10	25	10	45	39	14	26	79	316
04:00 PM	26	79	8	113	26	9	14	49	7	33	15	55	42	11	36	89	306
04:15 PM	33	98	5	136	39	8	14	61	3	25	11	39	29	11	28	68	304
Total Volume	92	395	25	512	116	36	84	236	26	110	47	183	152	40	120	312	1243
% App. Total	18	77.1	4.9		49.2	15.3	35.6		14.2	60.1	25.7		48.7	12.8	38.5		
PHF	.697	.874	.781	.921	.744	.900	.553	.808	.650	.833	.783	.832	.905	.714	.833	.876	.980

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	11	105	8	124	25	10	38	73	6	27	11	44	42	4	30	76
+15 mins.	22	113	4	139	26	9	18	53	10	25	10	45	39	14	26	79
+30 mins.	26	79	8	113	26	9	14	49	7	33	15	55	42	11	36	89
+45 mins.	33	98	5	136	39	8	14	61	3	25	11	39	29	11	28	68
Total Volume	92	395	25	512	116	36	84	236	26	110	47	183	152	40	120	312
% App. Total	18	77.1	4.9		49.2	15.3	35.6		14.2	60.1	25.7		48.7	12.8	38.5	
PHF	.697	.874	.781	.921	.744	.900	.553	.808	.650	.833	.783	.832	.905	.714	.833	.876

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

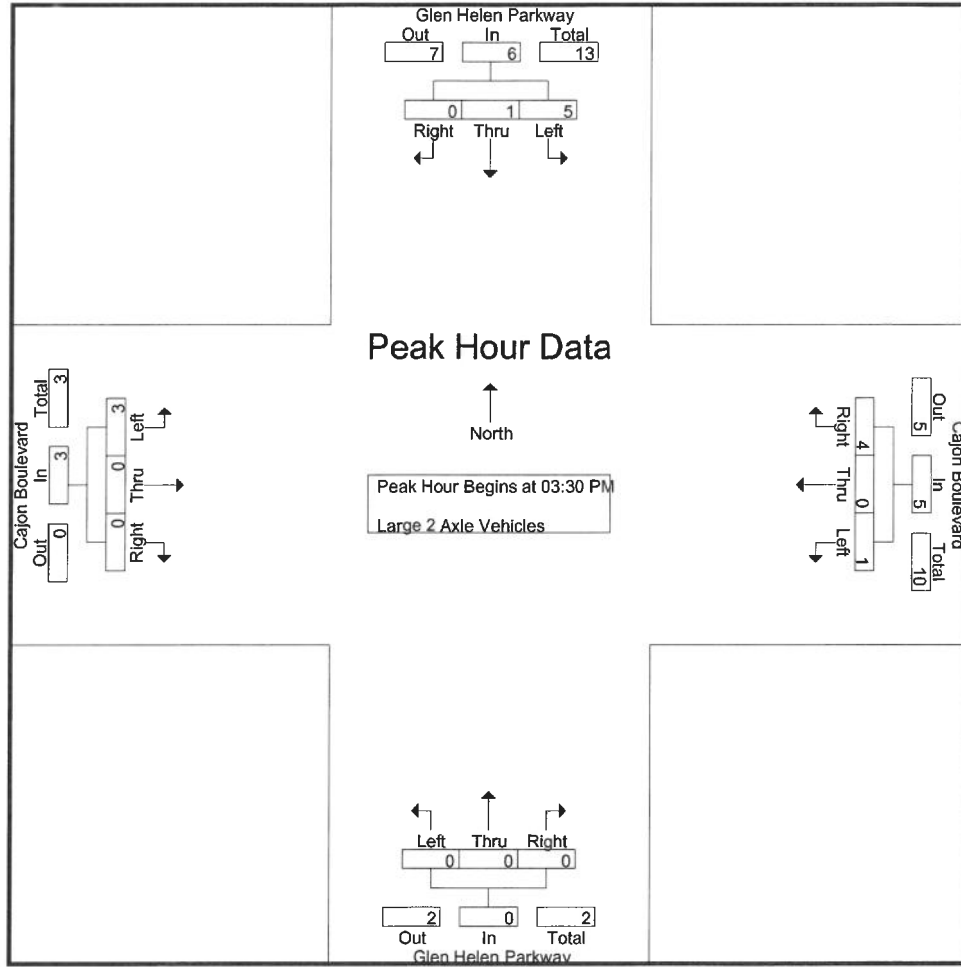
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	1	1	0	2	0	0	1	1	0	0	0	0	1	0	0	1	4
03:45 PM	2	0	0	2	1	0	2	3	0	0	0	0	2	0	0	2	7
Total	3	1	0	4	1	0	3	4	0	0	0	0	3	0	0	3	11
04:00 PM	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	1	1	0	2	0	0	0	0	0	0	1	1	1	0	0	1	4
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	3	1	0	4	0	0	1	1	0	0	1	1	2	0	0	2	8
05:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	2	3
05:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Grand Total	7	3	0	10	1	0	4	5	0	0	1	1	6	0	1	7	23
Apprch %	70	30	0		20	0	80		0	0	100		85.7	0	14.3		
Total %	30.4	13	0	43.5	4.3	0	17.4	21.7	0	0	4.3	4.3	26.1	0	4.3	30.4	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	1	1	0	2	0	0	1	1	0	0	0	0	1	0	0	1	4
03:45 PM	2	0	0	2	1	0	2	3	0	0	0	0	2	0	0	2	7
04:00 PM	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	5	1	0	6	1	0	4	5	0	0	0	0	3	0	0	3	14
% App. Total	83.3	16.7	0		20	0	80		0	0	0		100	0	0		
PHF	.625	.250	.000	.750	.250	.000	.500	.417	.000	.000	.000	.000	.375	.000	.000	.375	.500

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

County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	1	1	0	2	0	0	1	1	0	0	0	0	1	0	0	1
+15 mins.	2	0	0	2	1	0	2	3	0	0	0	0	2	0	0	2
+30 mins.	2	0	0	2	0	0	1	1	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	5	1	0	6	1	0	4	5	0	0	0	0	3	0	0	3
% App. Total	83.3	16.7	0		20	0	80		0	0	0		100	0	0	
PHF	.625	.250	.000	.750	.250	.000	.500	.417	.000	.000	.000	.000	.375	.000	.000	.375

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File Name : 03_CSB_GH_Cajon Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- 3 Axle Vehicles

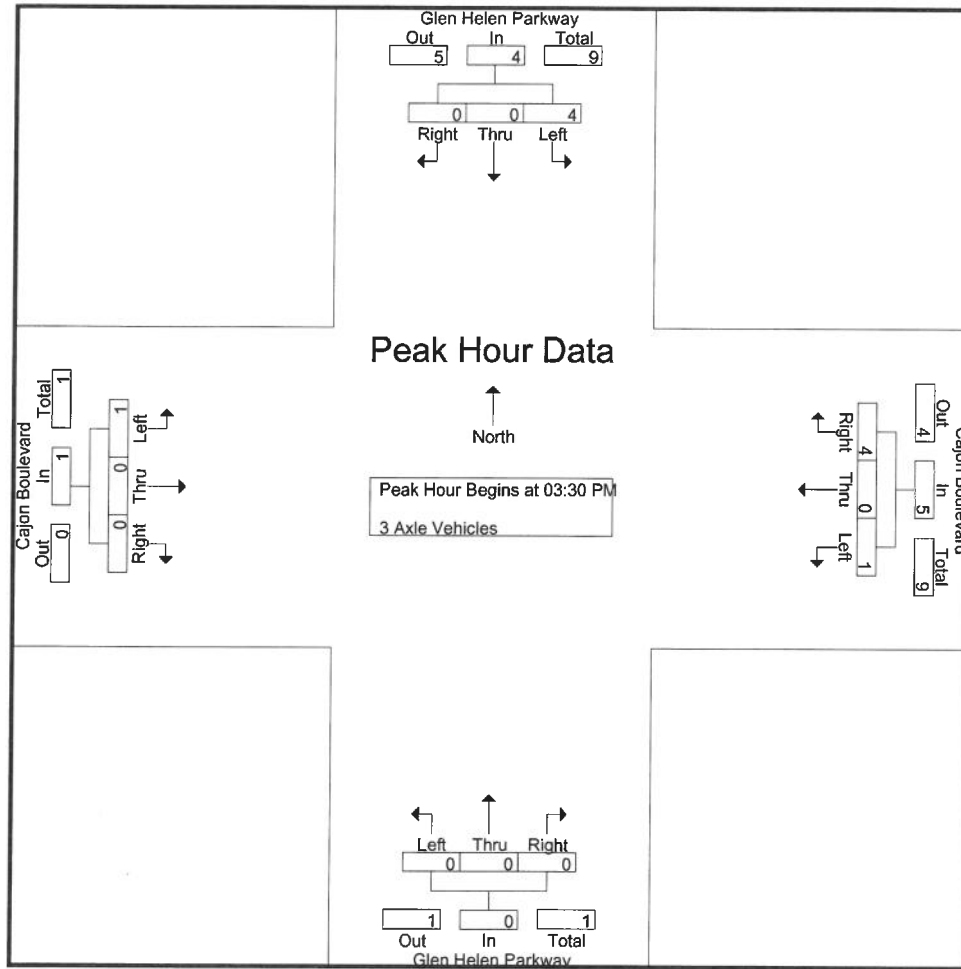
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	1	0	0	1	0	0	2	2	0	0	0	0	1	0	0	1	4
03:45 PM	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	3
Total	3	0	0	3	0	0	3	3	0	0	0	0	1	0	0	1	7
04:00 PM	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	2
04:15 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	1	0	1	2	0	1	0	1	0	0	0	0	4
05:00 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Grand Total	4	0	0	4	2	0	5	7	0	1	0	1	1	0	0	1	13
Apprch %	100	0	0		28.6	0	71.4		0	100	0		100	0	0		
Total %	30.8	0	0	30.8	15.4	0	38.5	53.8	0	7.7	0	7.7	7.7	0	0	7.7	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	1	0	0	1	0	0	2	2	0	0	0	0	1	0	0	1	4
03:45 PM	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	3
04:00 PM	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	2
04:15 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Total Volume	4	0	0	4	1	0	4	5	0	0	0	0	1	0	0	1	10
% App. Total	100	0	0		20	0	80		0	0	0		100	0	0		
PHF	.500	.000	.000	.500	.250	.000	.500	.625	.000	.000	.000	.000	.250	.000	.000	.250	.625

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	1	0	0	1	0	0	2	2	0	0	0	0	1	0	0	1
+15 mins.	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0
+30 mins.	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
Total Volume	4	0	0	4	1	0	4	5	0	0	0	0	1	0	0	1
% App. Total	100	0	0		20	0	80		0	0	0		100	0	0	
PHF	.500	.000	.000	.500	.250	.000	.500	.625	.000	.000	.000	.000	.250	.000	.000	.250

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County of San Bernardino
N/S: Glen Helen Parkway
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Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

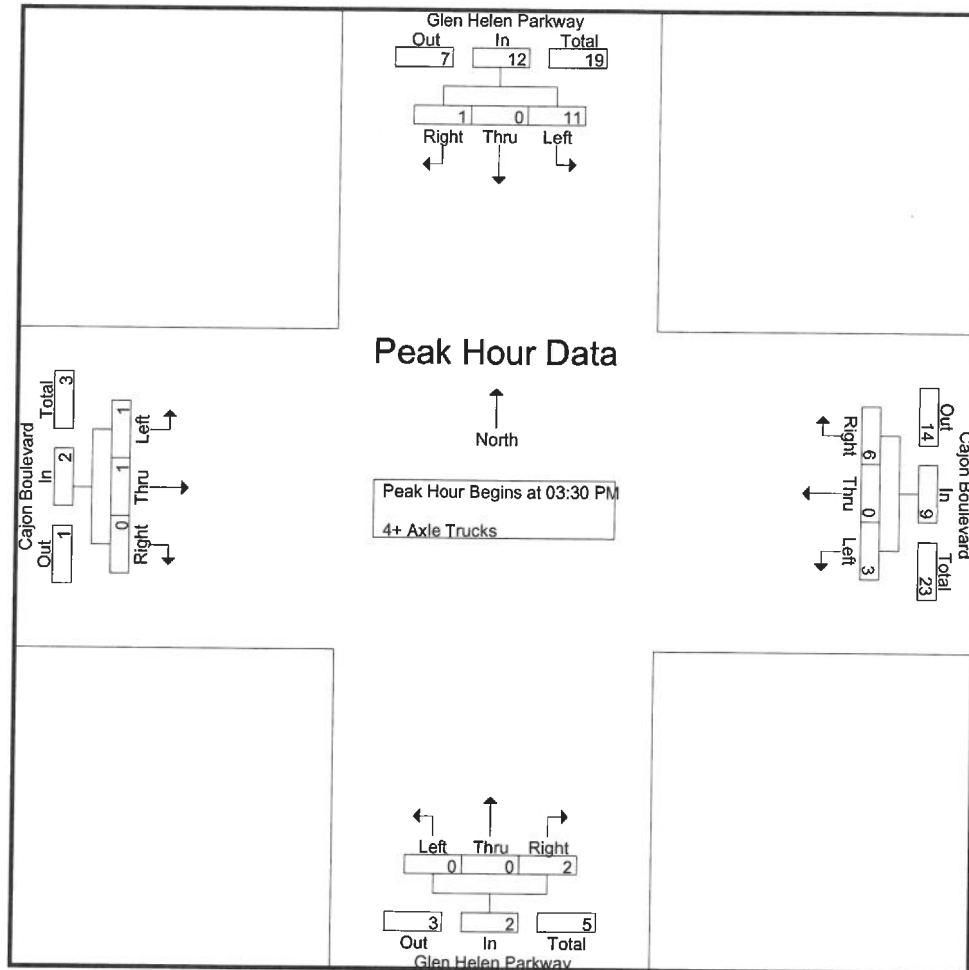
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	1	0	1	2	0	0	1	1	0	0	0	0	0	1	0	1	4
03:45 PM	2	0	0	2	2	0	2	4	0	0	1	1	0	0	0	0	7
Total	3	0	1	4	2	0	3	5	0	0	1	1	0	1	0	1	11
04:00 PM	3	0	0	3	0	0	2	2	0	0	1	1	1	0	0	1	7
04:15 PM	5	0	0	5	1	0	1	2	0	0	0	0	0	0	0	0	7
04:30 PM	3	0	0	3	2	1	1	4	0	0	1	1	0	0	0	0	8
04:45 PM	4	0	0	4	1	0	3	4	0	0	1	1	1	0	0	1	10
Total	15	0	0	15	4	1	7	12	0	0	3	3	2	0	0	2	32
05:00 PM	5	0	0	5	3	0	3	6	0	0	1	1	1	0	0	1	13
05:15 PM	4	0	0	4	2	0	1	3	0	0	0	0	1	0	0	1	8
Grand Total	27	0	1	28	11	1	14	26	0	0	5	5	4	1	0	5	64
Apprch %	96.4	0	3.6		42.3	3.8	53.8		0	0	100		80	20	0		
Total %	42.2	0	1.6	43.8	17.2	1.6	21.9	40.6	0	0	7.8	7.8	6.2	1.6	0	7.8	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:30 PM																	
03:30 PM	1	0	1	2	0	0	1	1	0	0	0	0	0	1	0	1	4
03:45 PM	2	0	0	2	2	0	2	4	0	0	1	1	0	0	0	0	7
04:00 PM	3	0	0	3	0	0	2	2	0	0	1	1	1	0	0	1	7
04:15 PM	5	0	0	5	1	0	1	2	0	0	0	0	0	0	0	0	7
Total Volume	11	0	1	12	3	0	6	9	0	0	2	2	1	1	0	2	25
% App. Total	91.7	0	8.3		33.3	0	66.7		0	0	100		50	50	0		
PHF	.550	.000	.250	.600	.375	.000	.750	.563	.000	.000	.500	.500	.250	.250	.000	.500	.893

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM1
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



Peak Hour Analysis From 03:30 PM to 04:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	03:30 PM				03:30 PM				03:30 PM				03:30 PM			
+0 mins.	1	0	1	2	0	0	1	1	0	0	0	0	0	1	0	1
+15 mins.	2	0	0	2	2	0	2	4	0	0	1	1	0	0	0	0
+30 mins.	3	0	0	3	0	0	2	2	0	0	1	1	1	0	0	1
+45 mins.	5	0	0	5	1	0	1	2	0	0	0	0	0	0	0	0
Total Volume	11	0	1	12	3	0	6	9	0	0	2	2	1	1	0	2
% App. Total	91.7	0	8.3		33.3	0	66.7		0	0	100		50	50	0	
PHF	.550	.000	.250	.600	.375	.000	.750	.563	.000	.000	.500	.500	.250	.250	.000	.500

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

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

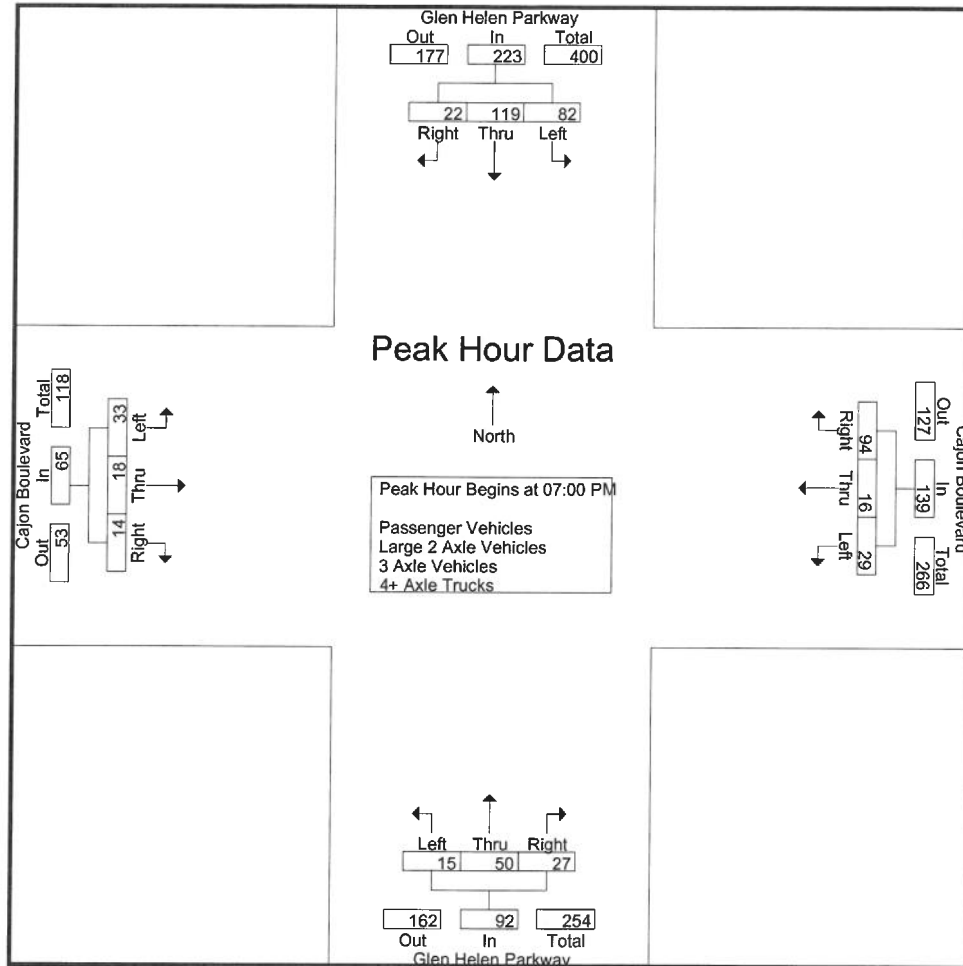
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	23	42	9	74	10	5	16	31	0	16	5	21	9	8	4	21	147
07:15 PM	20	31	7	58	8	3	17	28	4	10	5	19	7	3	3	13	118
07:30 PM	20	32	5	57	6	3	43	52	5	10	7	22	13	1	5	19	150
07:45 PM	19	14	1	34	5	5	18	28	6	14	10	30	4	6	2	12	104
Total	82	119	22	223	29	16	94	139	15	50	27	92	33	18	14	65	519
08:00 PM	12	17	4	33	3	4	11	18	5	13	6	24	6	5	2	13	88
08:15 PM	17	11	7	35	10	1	8	19	4	15	7	26	5	3	1	9	89
08:30 PM	17	14	5	36	5	3	19	27	3	13	8	24	3	2	0	5	92
08:45 PM	13	17	3	33	9	3	15	27	4	6	10	20	3	5	2	10	90
Total	59	59	19	137	27	11	53	91	16	47	31	94	17	15	5	37	359
Grand Total	141	178	41	360	56	27	147	230	31	97	58	186	50	33	19	102	878
Apprch %	39.2	49.4	11.4		24.3	11.7	63.9		16.7	52.2	31.2		49	32.4	18.6		
Total %	16.1	20.3	4.7	41	6.4	3.1	16.7	26.2	3.5	11	6.6	21.2	5.7	3.8	2.2	11.6	
Passenger Vehicles	113	175	40	328	41	27	133	201	30	94	45	169	49	33	19	101	799
% Passenger Vehicles	80.1	98.3	97.6	91.1	73.2	100	90.5	87.4	96.8	96.9	77.6	90.9	98	100	100	99	91
Large 2 Axle Vehicles	2	2	0	4	0	0	0	0	1	2	2	5	1	0	0	1	10
% Large 2 Axle Vehicles	1.4	1.1	0	1.1	0	0	0	0	3.2	2.1	3.4	2.7	2	0	0	1	1.1
3 Axle Vehicles	5	0	1	6	1	0	2	3	0	1	5	6	0	0	0	0	15
% 3 Axle Vehicles	3.5	0	2.4	1.7	1.8	0	1.4	1.3	0	1	8.6	3.2	0	0	0	0	1.7
4+ Axle Trucks	21	1	0	22	14	0	12	26	0	0	6	6	0	0	0	0	54
% 4+ Axle Trucks	14.9	0.6	0	6.1	25	0	8.2	11.3	0	0	10.3	3.2	0	0	0	0	6.2

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 08:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	23	42	9	74	10	5	16	31	0	16	5	21	9	8	4	21	147
07:15 PM	20	31	7	58	8	3	17	28	4	10	5	19	7	3	3	13	118
07:30 PM	20	32	5	57	6	3	43	52	5	10	7	22	13	1	5	19	150
07:45 PM	19	14	1	34	5	5	18	28	6	14	10	30	4	6	2	12	104
Total Volume	82	119	22	223	29	16	94	139	15	50	27	92	33	18	14	65	519
% App. Total	36.8	53.4	9.9		20.9	11.5	67.6		16.3	54.3	29.3		50.8	27.7	21.5		
PHF	.891	.708	.611	.753	.725	.800	.547	.668	.625	.781	.675	.767	.635	.563	.700	.774	.865

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County of San Bernardino
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E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



Peak Hour Analysis From 07:00 PM to 08:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:00 PM				07:00 PM				07:45 PM				07:00 PM			
+0 mins.	23	42	9	74	10	5	16	31	6	14	10	30	9	8	4	21
+15 mins.	20	31	7	58	8	3	17	28	5	13	6	24	7	3	3	13
+30 mins.	20	32	5	57	6	3	43	52	4	15	7	26	13	1	5	19
+45 mins.	19	14	1	34	5	5	18	28	3	13	8	24	4	6	2	12
Total Volume	82	119	22	223	29	16	94	139	18	55	31	104	33	18	14	65
% App. Total	36.8	53.4	9.9		20.9	11.5	67.6		17.3	52.9	29.8		50.8	27.7	21.5	
PHF	.891	.708	.611	.753	.725	.800	.547	.668	.750	.917	.775	.867	.635	.563	.700	.774

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- Passenger Vehicles

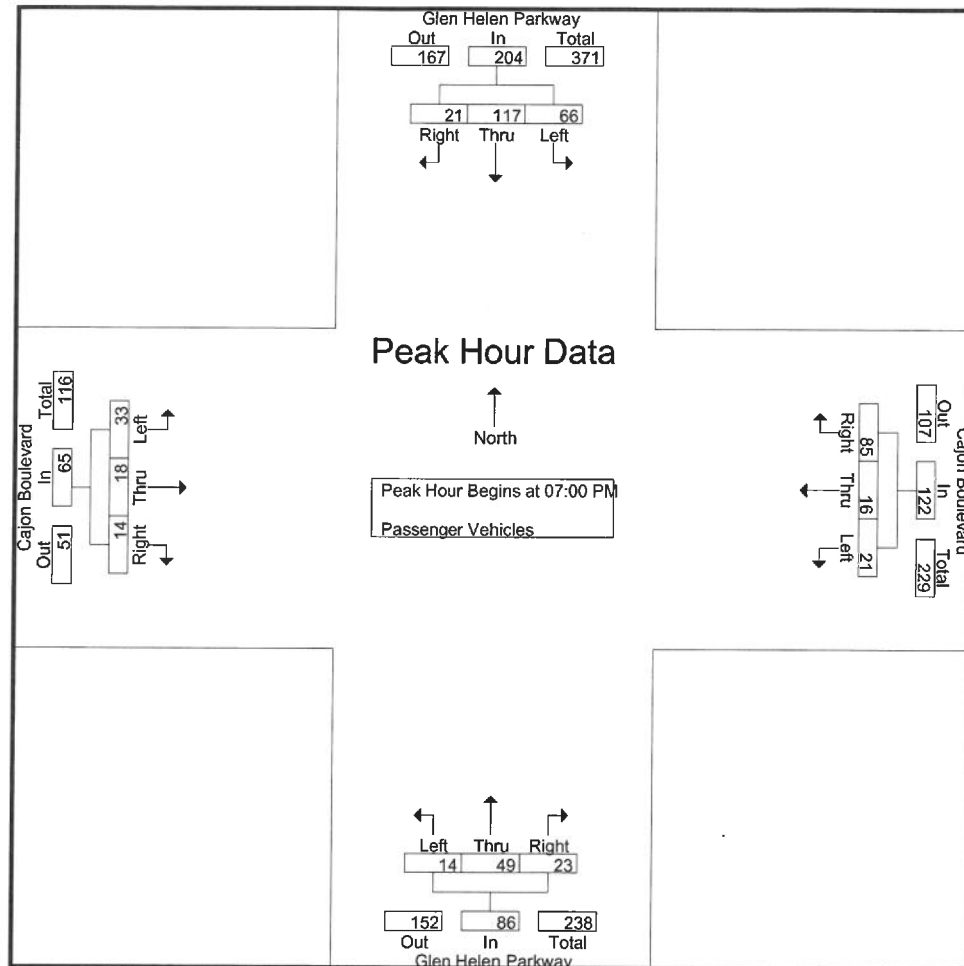
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	19	41	9	69	6	5	14	25	0	15	4	19	9	8	4	21	134
07:15 PM	17	31	6	54	5	3	17	25	3	10	3	16	7	3	3	13	108
07:30 PM	18	31	5	54	6	3	38	47	5	10	6	21	13	1	5	19	141
07:45 PM	12	14	1	27	4	5	16	25	6	14	10	30	4	6	2	12	94
Total	66	117	21	204	21	16	85	122	14	49	23	86	33	18	14	65	477
08:00 PM	9	17	4	30	3	4	11	18	5	12	5	22	5	5	2	12	82
08:15 PM	15	11	7	33	6	1	7	14	4	15	4	23	5	3	1	9	79
08:30 PM	15	13	5	33	3	3	17	23	3	12	6	21	3	2	0	5	82
08:45 PM	8	17	3	28	8	3	13	24	4	6	7	17	3	5	2	10	79
Total	47	58	19	124	20	11	48	79	16	45	22	83	16	15	5	36	322
Grand Total	113	175	40	328	41	27	133	201	30	94	45	169	49	33	19	101	799
Apprch %	34.5	53.4	12.2		20.4	13.4	66.2		17.8	55.6	26.6		48.5	32.7	18.8		
Total %	14.1	21.9	5	41.1	5.1	3.4	16.6	25.2	3.8	11.8	5.6	21.2	6.1	4.1	2.4	12.6	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	19	41	9	69	6	5	14	25	0	15	4	19	9	8	4	21	134
07:15 PM	17	31	6	54	5	3	17	25	3	10	3	16	7	3	3	13	108
07:30 PM	18	31	5	54	6	3	38	47	5	10	6	21	13	1	5	19	141
07:45 PM	12	14	1	27	4	5	16	25	6	14	10	30	4	6	2	12	94
Total Volume	66	117	21	204	21	16	85	122	14	49	23	86	33	18	14	65	477
% App. Total	32.4	57.4	10.3		17.2	13.1	69.7		16.3	57	26.7		50.8	27.7	21.5		
PHF	.868	.713	.583	.739	.875	.800	.559	.649	.583	.817	.575	.717	.635	.563	.700	.774	.846

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Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 2



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

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	19	41	9	69	6	5	14	25	0	15	4	19	9	8	4	21
+15 mins.	17	31	6	54	5	3	17	25	3	10	3	16	7	3	3	13
+30 mins.	18	31	5	54	6	3	38	47	5	10	6	21	13	1	5	19
+45 mins.	12	14	1	27	4	5	16	25	6	14	10	30	4	6	2	12
Total Volume	66	117	21	204	21	16	85	122	14	49	23	86	33	18	14	65
% App. Total	32.4	57.4	10.3		17.2	13.1	69.7		16.3	57	26.7		50.8	27.7	21.5	
PHF	.868	.713	.583	.739	.875	.800	.559	.649	.583	.817	.575	.717	.635	.563	.700	.774

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- Large 2 Axle Vehicles

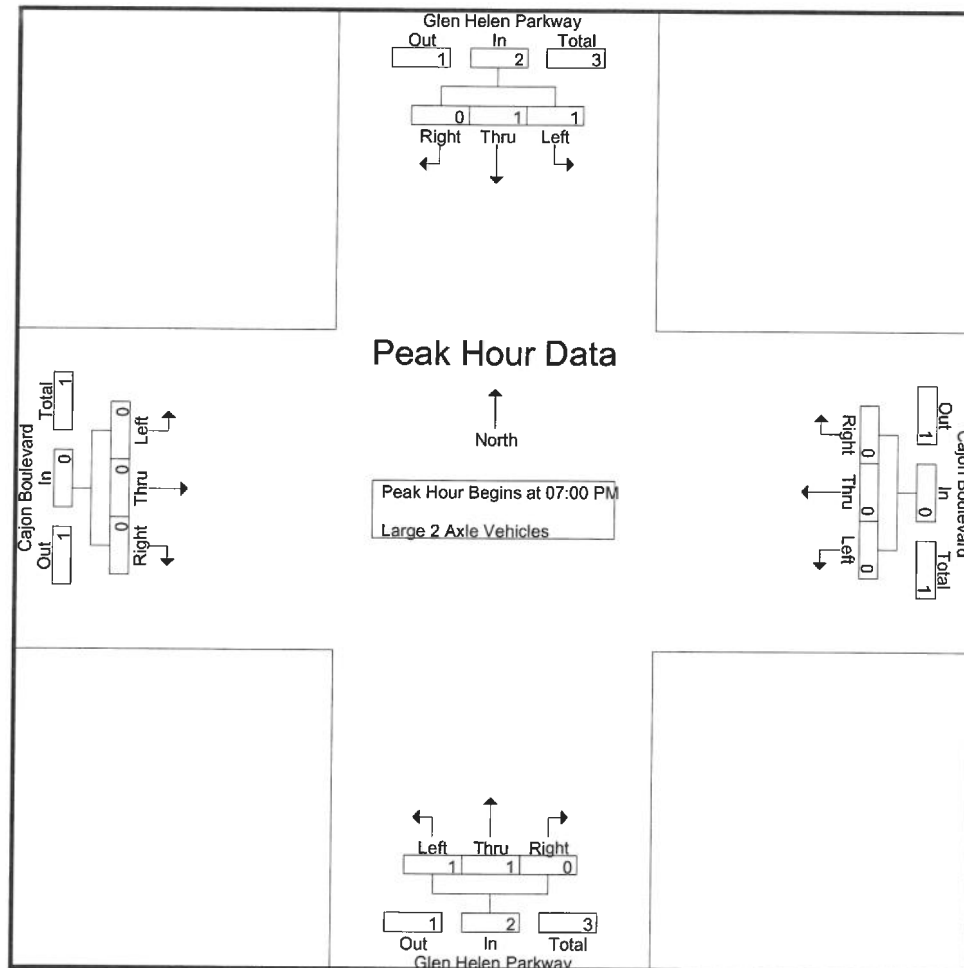
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	1	1	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
07:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	2	0	0	0	0	1	1	0	2	0	0	0	0	4
08:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	2
08:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 PM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
08:45 PM	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
Total	1	1	0	2	0	0	0	0	0	1	2	3	1	0	0	1	6
Grand Total	2	2	0	4	0	0	0	0	1	2	2	5	1	0	0	1	10
Apprch %	50	50	0		0	0	0		20	40	40		100	0	0		
Total %	20	20	0	40	0	0	0	0	10	20	20	50	10	0	0	10	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	1	1	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
07:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
07:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	1	0	2	0	0	0	0	1	1	0	2	0	0	0	0	4
% App. Total	50	50	0		0	0	0		50	50	0		0	0	0		
PHF	.250	.250	.000	.250	.000	.000	.000	.000	.250	.250	.000	.500	.000	.000	.000	.000	.333

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
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Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	1	1	0	2	0	0	0	0	0	1	0	1	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	1	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	1	0	2	0	0	0	0	1	1	0	2	0	0	0	0
% App. Total	50	50	0		0	0	0		50	50	0		0	0	0	
PHF	.250	.250	.000	.250	.000	.000	.000	.000	.250	.250	.000	.500	.000	.000	.000	.000

File Name : 03_CSB_GH_Cajon Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
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File Name : 03_CSB_GH_Cajon Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
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Peak Hour Data

Peak Hour Begins at 07:00 PM
3 Axle Vehicles

Glen Helen Parkway

Out: 2, In: 4, Total: 6

Right: 1, Thru: 0, Left: 3

Cajon Boulevard

Out: 1, In: 0, Total: 1

Right: 0, Thru: 0, Left: 0

Glen Helen Parkway

Out: 1, In: 0, Total: 1

Left: 0, Thru: 0, Right: 0

Cajon Boulevard

Out: 3, In: 3, Total: 6

Right: 2, Thru: 0, Left: 1

[illegible]

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
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File Name : 03_CSB_GH_Cajon Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
Page No : 1

Groups Printed- 4+ Axle Trucks

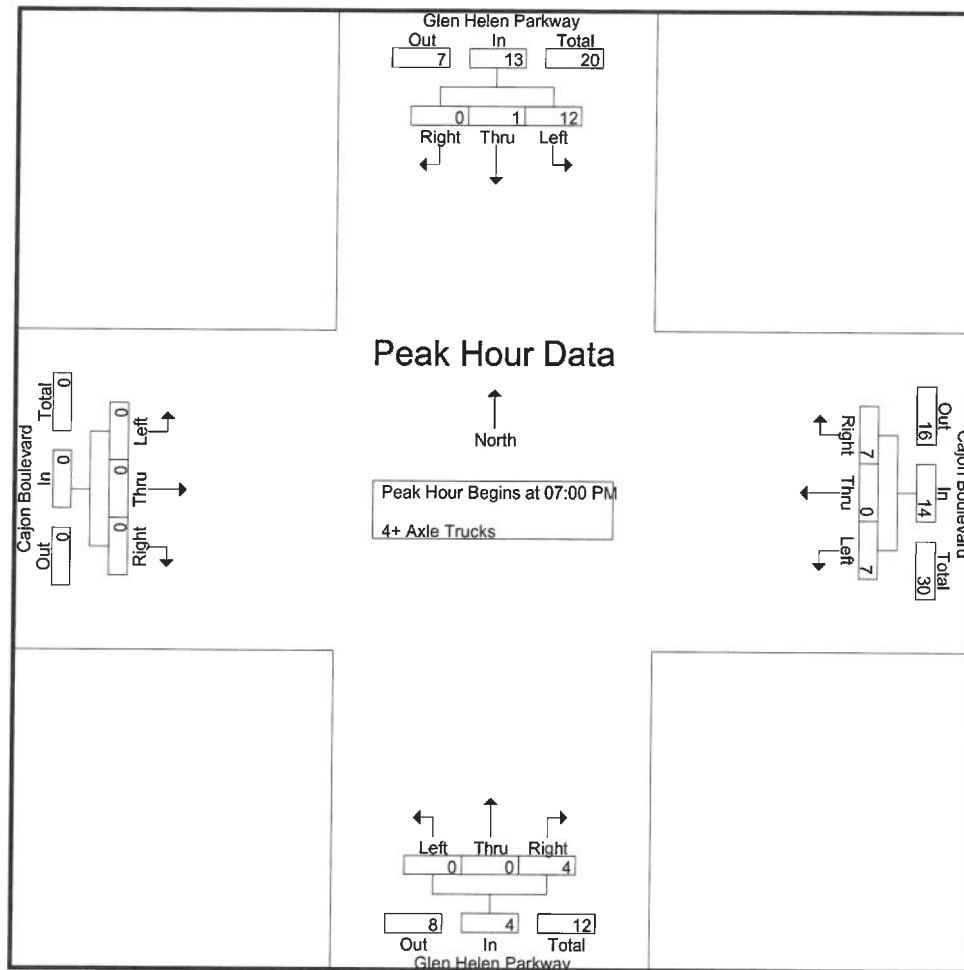
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 PM	2	0	0	2	3	0	2	5	0	0	1	1	0	0	0	0	8
07:15 PM	3	0	0	3	3	0	0	3	0	0	2	2	0	0	0	0	8
07:30 PM	1	1	0	2	0	0	3	3	0	0	1	1	0	0	0	0	6
07:45 PM	6	0	0	6	1	0	2	3	0	0	0	0	0	0	0	0	9
Total	12	1	0	13	7	0	7	14	0	0	4	4	0	0	0	0	31
08:00 PM	2	0	0	2	0	0	0	0	0	0	1	1	0	0	0	0	3
08:15 PM	2	0	0	2	4	0	1	5	0	0	0	0	0	0	0	0	7
08:30 PM	2	0	0	2	2	0	2	4	0	0	1	1	0	0	0	0	7
08:45 PM	3	0	0	3	1	0	2	3	0	0	0	0	0	0	0	0	6
Total	9	0	0	9	7	0	5	12	0	0	2	2	0	0	0	0	23
Grand Total	21	1	0	22	14	0	12	26	0	0	6	6	0	0	0	0	54
Apprch %	95.5	4.5	0		53.8	0	46.2		0	0	100		0	0	0		
Total %	38.9	1.9	0	40.7	25.9	0	22.2	48.1	0	0	11.1	11.1	0	0	0	0	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 PM																	
07:00 PM	2	0	0	2	3	0	2	5	0	0	1	1	0	0	0	0	8
07:15 PM	3	0	0	3	3	0	0	3	0	0	2	2	0	0	0	0	8
07:30 PM	1	1	0	2	0	0	3	3	0	0	1	1	0	0	0	0	6
07:45 PM	6	0	0	6	1	0	2	3	0	0	0	0	0	0	0	0	9
Total Volume	12	1	0	13	7	0	7	14	0	0	4	4	0	0	0	0	31
% App. Total	92.3	7.7	0		50	0	50		0	0	100		0	0	0		
PHF	.500	.250	.000	.542	.583	.000	.583	.700	.000	.000	.500	.500	.000	.000	.000	.000	.861

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat1 PM2
Site Code : 00324695
Start Date : 8/10/2024
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Peak Hour Analysis From 07:00 PM to 07:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 PM				07:00 PM				07:00 PM				07:00 PM			
+0 mins.	2	0	0	2	3	0	2	5	0	0	1	1	0	0	0	0
+15 mins.	3	0	0	3	3	0	0	3	0	0	2	2	0	0	0	0
+30 mins.	1	1	0	2	0	0	3	3	0	0	1	1	0	0	0	0
+45 mins.	6	0	0	6	1	0	2	3	0	0	0	0	0	0	0	0
Total Volume	12	1	0	13	7	0	7	14	0	0	4	4	0	0	0	0
% App. Total	92.3	7.7	0		50	0	50		0	0	100		0	0	0	
PHF	.500	.250	.000	.542	.583	.000	.583	.700	.000	.000	.500	.500	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

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

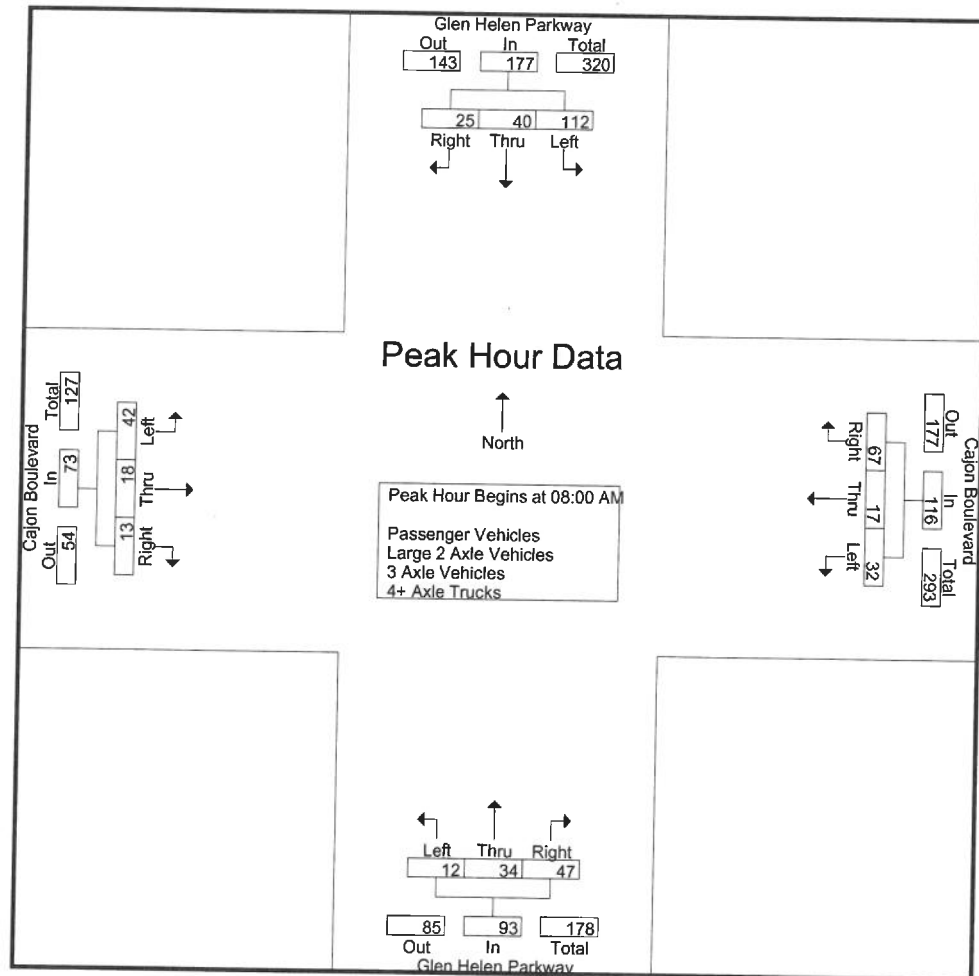
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	35	9	6	50	7	1	19	27	3	7	18	28	2	4	1	7	112
07:15 AM	24	2	1	27	6	4	14	24	2	5	6	13	9	1	2	12	76
07:30 AM	19	6	8	33	4	3	16	23	3	5	10	18	8	6	4	18	92
07:45 AM	30	7	9	46	6	4	10	20	1	2	11	14	5	7	3	15	95
Total	108	24	24	156	23	12	59	94	9	19	45	73	24	18	10	52	375
08:00 AM	29	6	7	42	8	4	14	26	3	8	10	21	7	3	1	11	100
08:15 AM	32	8	5	45	8	5	20	33	3	10	13	26	16	1	2	19	123
08:30 AM	22	7	5	34	9	5	20	34	3	6	12	21	8	10	7	25	114
08:45 AM	29	19	8	56	7	3	13	23	3	10	12	25	11	4	3	18	122
Total	112	40	25	177	32	17	67	116	12	34	47	93	42	18	13	73	459
Grand Total	220	64	49	333	55	29	126	210	21	53	92	166	66	36	23	125	834
Apprch %	66.1	19.2	14.7		26.2	13.8	60		12.7	31.9	55.4		52.8	28.8	18.4		
Total %	26.4	7.7	5.9	39.9	6.6	3.5	15.1	25.2	2.5	6.4	11	19.9	7.9	4.3	2.8	15	
Passenger Vehicles	176	61	43	280	33	28	77	138	20	46	79	145	62	35	22	119	682
% Passenger Vehicles	80	95.3	87.8	84.1	60	96.6	61.1	65.7	95.2	86.8	85.9	87.3	93.9	97.2	95.7	95.2	81.8
Large 2 Axle Vehicles	8	3	4	15	4	0	3	7	1	4	0	5	2	0	1	3	30
% Large 2 Axle Vehicles	3.6	4.7	8.2	4.5	7.3	0	2.4	3.3	4.8	7.5	0	3	3	0	4.3	2.4	3.6
3 Axle Vehicles	6	0	0	6	4	0	1	5	0	0	7	7	0	0	0	0	18
% 3 Axle Vehicles	2.7	0	0	1.8	7.3	0	0.8	2.4	0	0	7.6	4.2	0	0	0	0	2.2
4+ Axle Trucks	30	0	2	32	14	1	45	60	0	3	6	9	2	1	0	3	104
% 4+ Axle Trucks	13.6	0	4.1	9.6	25.5	3.4	35.7	28.6	0	5.7	6.5	5.4	3	2.8	0	2.4	12.5

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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 08:00 AM																	
08:00 AM	29	6	7	42	8	4	14	26	3	8	10	21	7	3	1	11	100
08:15 AM	32	8	5	45	8	5	20	33	3	10	13	26	16	1	2	19	123
08:30 AM	22	7	5	34	9	5	20	34	3	6	12	21	8	10	7	25	114
08:45 AM	29	19	8	56	7	3	13	23	3	10	12	25	11	4	3	18	122
Total Volume	112	40	25	177	32	17	67	116	12	34	47	93	42	18	13	73	459
% App. Total	63.3	22.6	14.1		27.6	14.7	57.8		12.9	36.6	50.5		57.5	24.7	17.8		
PHF	.875	.526	.781	.790	.889	.850	.838	.853	1.00	.850	.904	.894	.656	.450	.464	.730	.933

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat AM
Site Code : 00324695
Start Date : 8/17/2024
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:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	29	6	7	42	8	4	14	26	3	8	10	21	7	3	1	11
+15 mins.	32	8	5	45	8	5	20	33	3	10	13	26	16	1	2	19
+30 mins.	22	7	5	34	9	5	20	34	3	6	12	21	8	10	7	25
+45 mins.	29	19	8	56	7	3	13	23	3	10	12	25	11	4	3	18
Total Volume	112	40	25	177	32	17	67	116	12	34	47	93	42	18	13	73
% App. Total	63.3	22.6	14.1		27.6	14.7	57.8		12.9	36.6	50.5		57.5	24.7	17.8	
PHF	.875	.526	.781	.790	.889	.850	.838	.853	1.000	.850	.904	.894	.656	.450	.464	.730

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File Name : 03_CSB_GH_Cajon Sat AM
Site Code : 00324695
Start Date : 8/17/2024
Page No : 1

Groups Printed- Passenger Vehicles

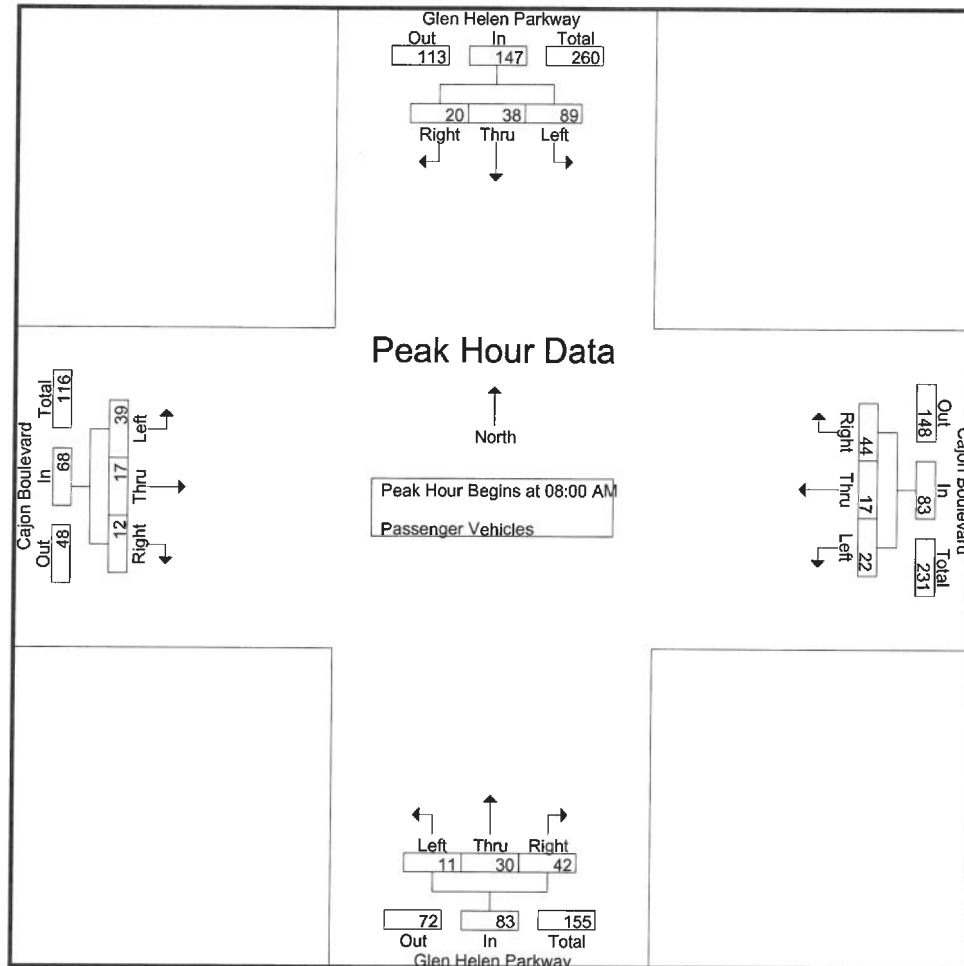
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	28	9	6	43	3	1	11	15	3	7	16	26	2	4	1	7	91
07:15 AM	23	2	1	26	3	4	5	12	2	4	3	9	9	1	2	12	59
07:30 AM	12	6	7	25	2	2	9	13	3	4	8	15	7	6	4	17	70
07:45 AM	24	6	9	39	3	4	8	15	1	1	10	12	5	7	3	15	81
Total	87	23	23	133	11	11	33	55	9	16	37	62	23	18	10	51	301
08:00 AM	25	6	7	38	4	4	10	18	2	7	9	18	7	2	0	9	83
08:15 AM	26	7	4	37	6	5	12	23	3	8	10	21	15	1	2	18	99
08:30 AM	18	7	2	27	6	5	12	23	3	6	11	20	8	10	7	25	95
08:45 AM	20	18	7	45	6	3	10	19	3	9	12	24	9	4	3	16	104
Total	89	38	20	147	22	17	44	83	11	30	42	83	39	17	12	68	381
Grand Total	176	61	43	280	33	28	77	138	20	46	79	145	62	35	22	119	682
Apprch %	62.9	21.8	15.4		23.9	20.3	55.8		13.8	31.7	54.5		52.1	29.4	18.5		
Total %	25.8	8.9	6.3	41.1	4.8	4.1	11.3	20.2	2.9	6.7	11.6	21.3	9.1	5.1	3.2	17.4	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	25	6	7	38	4	4	10	18	2	7	9	18	7	2	0	9	83
08:15 AM	26	7	4	37	6	5	12	23	3	8	10	21	15	1	2	18	99
08:30 AM	18	7	2	27	6	5	12	23	3	6	11	20	8	10	7	25	95
08:45 AM	20	18	7	45	6	3	10	19	3	9	12	24	9	4	3	16	104
Total Volume	89	38	20	147	22	17	44	83	11	30	42	83	39	17	12	68	381
% App. Total	60.5	25.9	13.6		26.5	20.5	53		13.3	36.1	50.6		57.4	25	17.6		
PHF	.856	.528	.714	.817	.917	.850	.917	.902	.917	.833	.875	.865	.650	.425	.429	.680	.916

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File Name : 03_CSB_GH_Cajon Sat AM
Site Code : 00324695
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Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	25	6	7	38	4	4	10	18	2	7	9	18	7	2	0	9
+15 mins.	26	7	4	37	6	5	12	23	3	8	10	21	15	1	2	18
+30 mins.	18	7	2	27	6	5	12	23	3	6	11	20	8	10	7	25
+45 mins.	20	18	7	45	6	3	10	19	3	9	12	24	9	4	3	16
Total Volume	89	38	20	147	22	17	44	83	11	30	42	83	39	17	12	68
% App. Total	60.5	25.9	13.6		26.5	20.5	53		13.3	36.1	50.6		57.4	25	17.6	
PHF	.856	.528	.714	.817	.917	.850	.917	.902	.917	.833	.875	.865	.650	.425	.429	.680

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat AM
Site Code : 00324695
Start Date : 8/17/2024
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Groups Printed- Large 2 Axle Vehicles

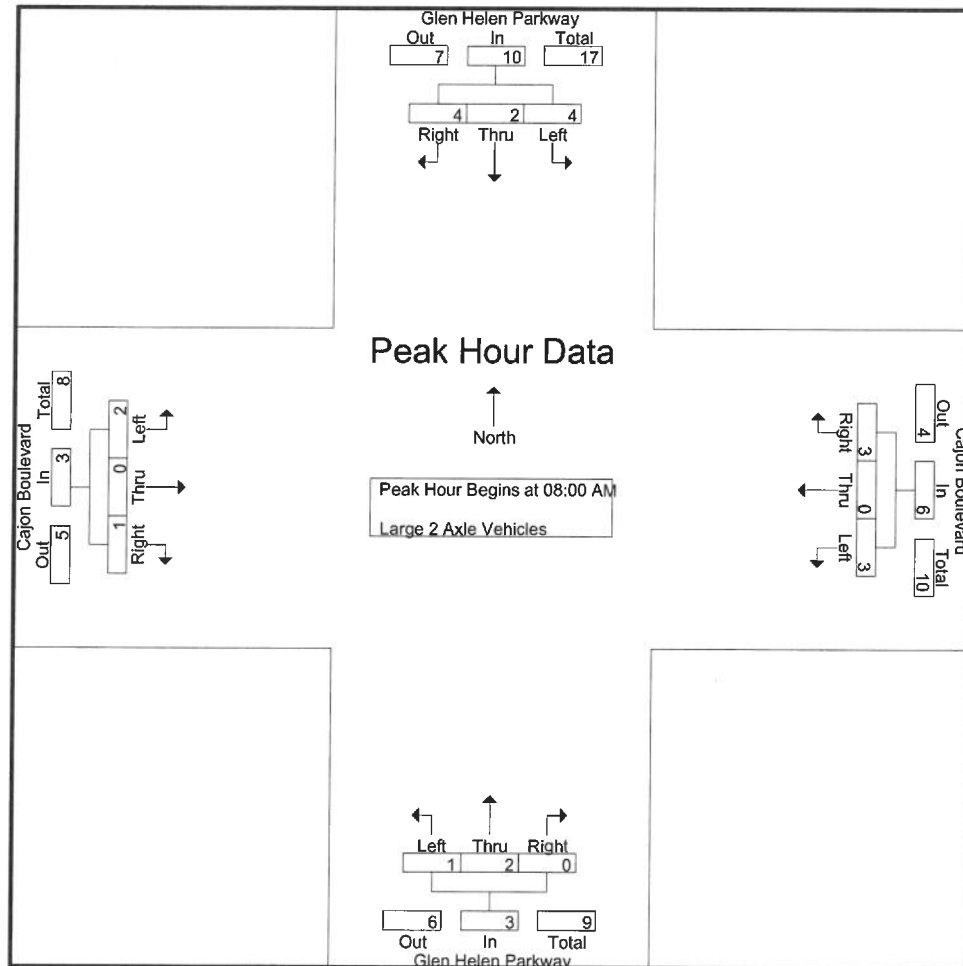
Start Time	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
07:15 AM	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	3
Total	4	1	0	5	1	0	0	1	0	2	0	2	0	0	0	0	8
08:00 AM	2	0	0	2	3	0	1	4	1	0	0	1	0	0	1	1	8
08:15 AM	0	1	0	1	0	0	1	1	0	1	0	1	0	0	0	0	3
08:30 AM	0	0	3	3	0	0	1	1	0	0	0	0	0	0	0	0	4
08:45 AM	2	1	1	4	0	0	0	0	0	1	0	1	2	0	0	2	7
Total	4	2	4	10	3	0	3	6	1	2	0	3	2	0	1	3	22
Grand Total	8	3	4	15	4	0	3	7	1	4	0	5	2	0	1	3	30
Apprch %	53.3	20	26.7		57.1	0	42.9		20	80	0		66.7	0	33.3		
Total %	26.7	10	13.3	50	13.3	0	10	23.3	3.3	13.3	0	16.7	6.7	0	3.3	10	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	2	0	0	2	3	0	1	4	1	0	0	1	0	0	1	1	8
08:15 AM	0	1	0	1	0	0	1	1	0	1	0	1	0	0	0	0	3
08:30 AM	0	0	3	3	0	0	1	1	0	0	0	0	0	0	0	0	4
08:45 AM	2	1	1	4	0	0	0	0	0	1	0	1	2	0	0	2	7
Total Volume	4	2	4	10	3	0	3	6	1	2	0	3	2	0	1	3	22
% App. Total	40	20	40		50	0	50		33.3	66.7	0		66.7	0	33.3		
PHF	.500	.500	.333	.625	.250	.000	.750	.375	.250	.500	.000	.750	.250	.000	.250	.375	.688

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat AM
Site Code : 00324695
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Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	2	0	0	2	3	0	1	4	1	0	0	1	0	0	1	1
+15 mins.	0	1	0	1	0	0	1	1	0	1	0	1	0	0	0	0
+30 mins.	0	0	3	3	0	0	1	1	0	0	0	0	0	0	0	0
+45 mins.	2	1	1	4	0	0	0	0	0	1	0	1	2	0	0	2
Total Volume	4	2	4	10	3	0	3	6	1	2	0	3	2	0	1	3
% App. Total	40	20	40		50	0	50		33.3	66.7	0		66.7	0	33.3	
PHF	.500	.500	.333	.625	.250	.000	.750	.375	.250	.500	.000	.750	.250	.000	.250	.375

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Weather: Clear

File Name : 03_CSB_GH_Cajon Sat AM
Site Code : 00324695
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Groups Printed- 3 Axle Vehicles

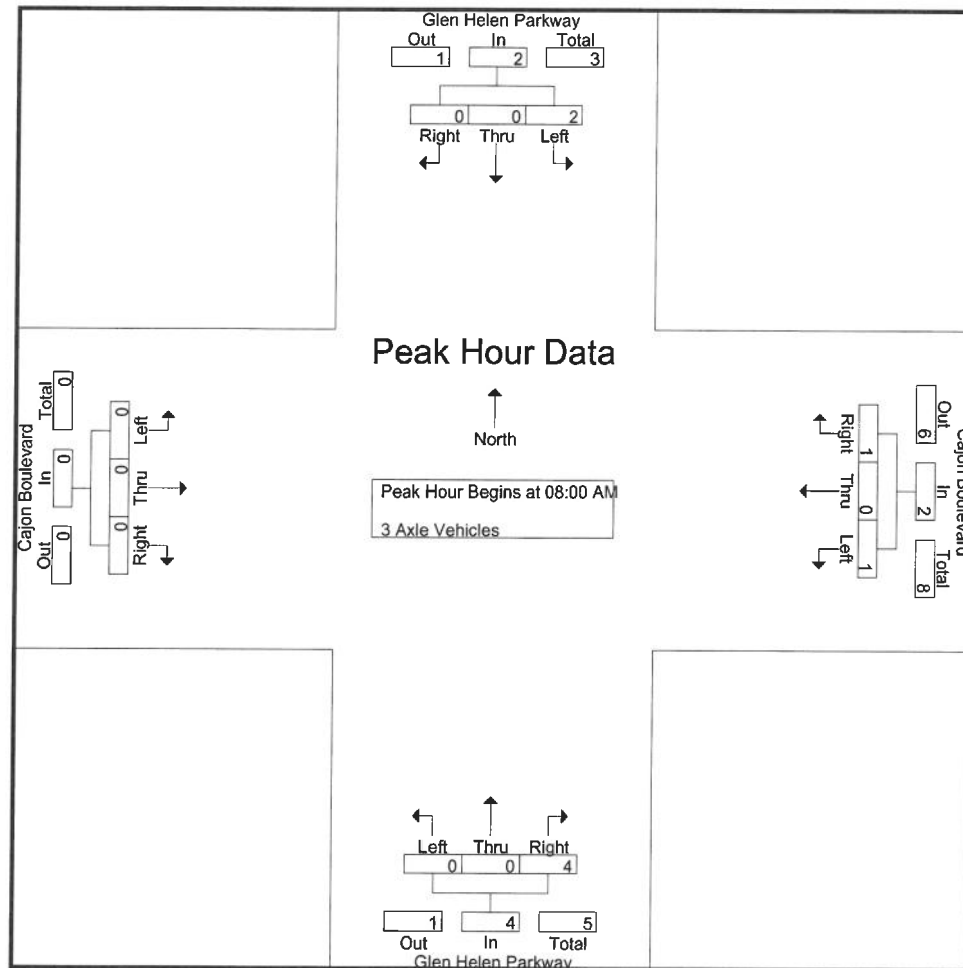
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
07:15 AM	0	0	0	0	1	0	0	1	0	0	2	2	0	0	0	0	3
07:30 AM	4	0	0	4	0	0	0	0	0	0	1	1	0	0	0	0	5
07:45 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	4	0	0	4	3	0	0	3	0	0	3	3	0	0	0	0	10
08:00 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
08:15 AM	0	0	0	0	1	0	0	1	0	0	2	2	0	0	0	0	3
08:30 AM	1	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	3
08:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	2	0	0	2	1	0	1	2	0	0	4	4	0	0	0	0	8
Grand Total	6	0	0	6	4	0	1	5	0	0	7	7	0	0	0	0	18
Apprch %	100	0	0		80	0	20		0	0	100		0	0	0		
Total %	33.3	0	0	33.3	22.2	0	5.6	27.8	0	0	38.9	38.9	0	0	0	0	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
08:15 AM	0	0	0	0	1	0	0	1	0	0	2	2	0	0	0	0	3
08:30 AM	1	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	3
08:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	2	0	0	2	1	0	1	2	0	0	4	4	0	0	0	0	8
% App. Total	100	0	0		50	0	50		0	0	100		0	0	0		
PHF	.500	.000	.000	.500	.250	.000	.250	.500	.000	.000	.500	.500	.000	.000	.000	.000	.667

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County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
Weather: Clear

File Name : 03_CSB_GH_Cajon Sat AM
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Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
+15 mins.	0	0	0	0	1	0	0	1	0	0	2	2	0	0	0	0
+30 mins.	1	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0
+45 mins.	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	2	0	0	2	1	0	1	2	0	0	4	4	0	0	0	0
% App. Total	100	0	0		50	0	50		0	0	100		0	0	0	
PHF	.500	.000	.000	.500	.250	.000	.250	.500	.000	.000	.500	.500	.000	.000	.000	.000

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County of San Bernardino
N/S: Glen Helen Parkway
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File Name : 03_CSB_GH_Cajon Sat AM
Site Code : 00324695
Start Date : 8/17/2024
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Groups Printed- 4+ Axle Trucks

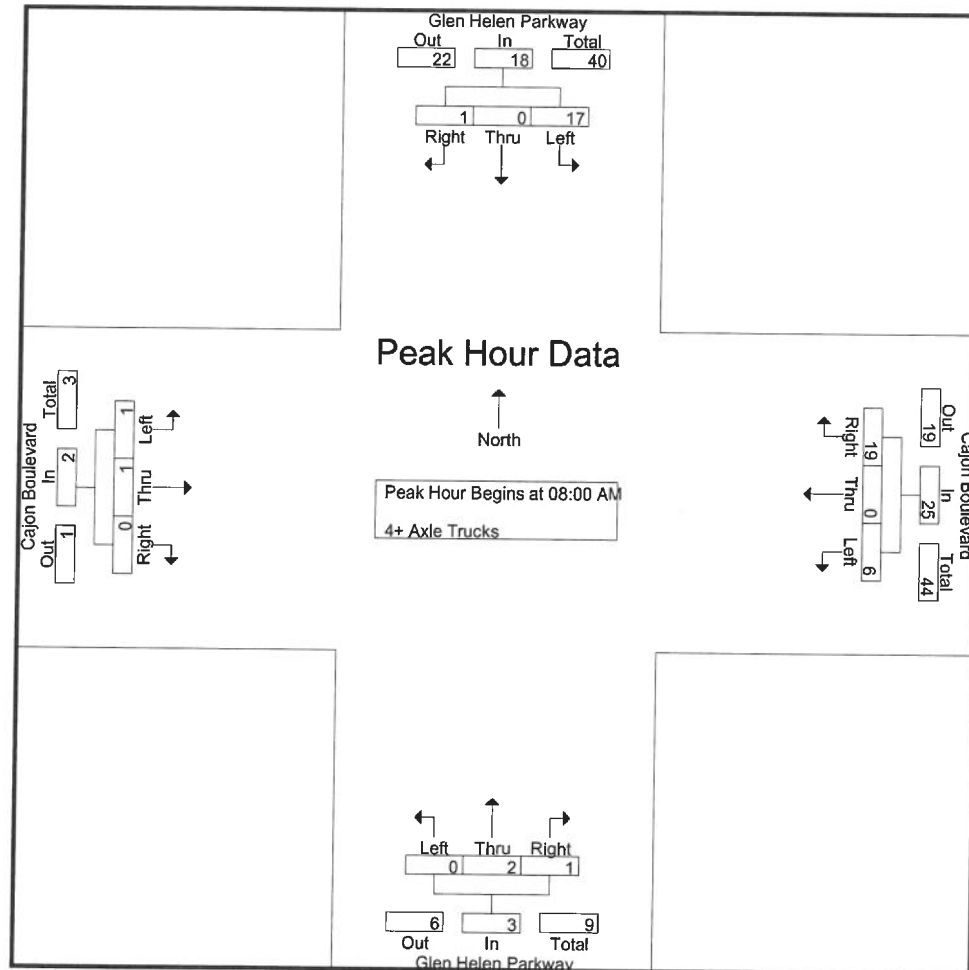
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	0	0	4	3	0	8	11	0	0	2	2	0	0	0	0	17
07:15 AM	0	0	0	0	2	0	9	11	0	0	1	1	0	0	0	0	12
07:30 AM	3	0	1	4	2	1	7	10	0	1	1	2	1	0	0	1	17
07:45 AM	6	0	0	6	1	0	2	3	0	0	1	1	0	0	0	0	10
Total	13	0	1	14	8	1	26	35	0	1	5	6	1	0	0	1	56
08:00 AM	2	0	0	2	1	0	3	4	0	1	0	1	0	1	0	1	8
08:15 AM	6	0	1	7	1	0	7	8	0	1	1	2	1	0	0	1	18
08:30 AM	3	0	0	3	3	0	6	9	0	0	0	0	0	0	0	0	12
08:45 AM	6	0	0	6	1	0	3	4	0	0	0	0	0	0	0	0	10
Total	17	0	1	18	6	0	19	25	0	2	1	3	1	1	0	2	48
Grand Total	30	0	2	32	14	1	45	60	0	3	6	9	2	1	0	3	104
Apprch %	93.8	0	6.2		23.3	1.7	75		0	33.3	66.7		66.7	33.3	0		
Total %	28.8	0	1.9	30.8	13.5	1	43.3	57.7	0	2.9	5.8	8.7	1.9	1	0	2.9	

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	2	0	0	2	1	0	3	4	0	1	0	1	0	1	0	1	8
08:15 AM	6	0	1	7	1	0	7	8	0	1	1	2	1	0	0	1	18
08:30 AM	3	0	0	3	3	0	6	9	0	0	0	0	0	0	0	0	12
08:45 AM	6	0	0	6	1	0	3	4	0	0	0	0	0	0	0	0	10
Total Volume	17	0	1	18	6	0	19	25	0	2	1	3	1	1	0	2	48
% App. Total	94.4	0	5.6		24	0	76		0	66.7	33.3		50	50	0		
PHF	.708	.000	.250	.643	.500	.000	.679	.694	.000	.500	.250	.375	.250	.250	.000	.500	.667

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County of San Bernardino
N/S: Glen Helen Parkway
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File Name : 03_CSB_GH_Cajon Sat AM
Site Code : 00324695
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Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	2	0	0	2	1	0	3	4	0	1	0	1	0	1	0	1
+15 mins.	6	0	1	7	1	0	7	8	0	1	1	2	1	0	0	1
+30 mins.	3	0	0	3	3	0	6	9	0	0	0	0	0	0	0	0
+45 mins.	6	0	0	6	1	0	3	4	0	0	0	0	0	0	0	0
Total Volume	17	0	1	18	6	0	19	25	0	2	1	3	1	1	0	2
% App. Total	94.4	0	5.6		24	0	76		0	66.7	33.3		50	50	0	
PHF	.708	.000	.250	.643	.500	.000	.679	.694	.000	.500	.250	.375	.250	.250	.000	.500

County of San Bernardino
N/S: Glen Helen Parkway
E/W: Cajon Boulevard
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File Name : 03_CSB_GH_Cajon Sat PM
Site Code : 00324695
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Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

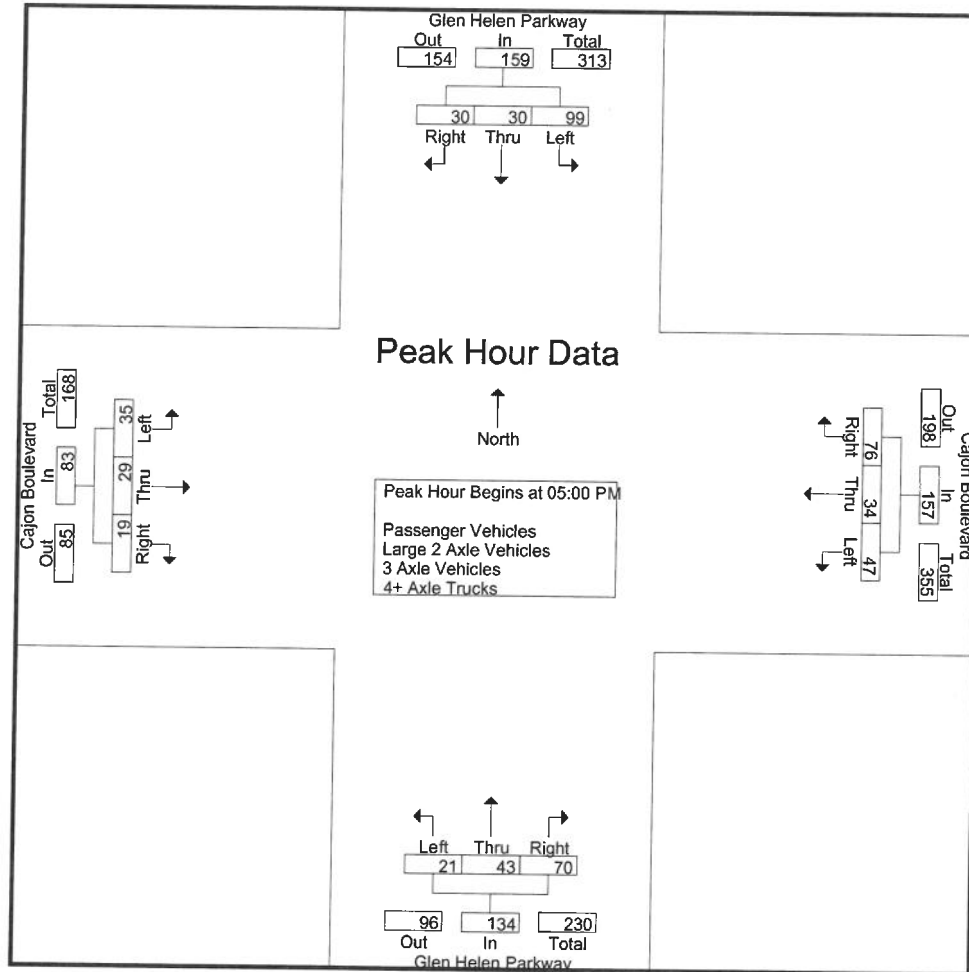
	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	16	8	7	31	8	7	9	24	9	23	17	49	8	5	6	19	123
04:15 PM	16	10	8	34	11	7	22	40	6	17	12	35	12	5	6	23	132
04:30 PM	23	10	2	35	15	8	16	39	1	18	14	33	9	0	5	14	121
04:45 PM	14	9	4	27	8	7	28	43	8	18	11	37	4	5	6	15	122
Total	69	37	21	127	42	29	75	146	24	76	54	154	33	15	23	71	498
05:00 PM	23	9	5	37	11	10	13	34	6	9	16	31	11	4	5	20	122
05:15 PM	22	8	9	39	10	8	16	34	6	17	14	37	12	7	2	21	131
05:30 PM	27	6	8	41	15	13	30	58	5	7	16	28	5	5	6	16	143
05:45 PM	27	7	8	42	11	3	17	31	4	10	24	38	7	13	6	26	137
Total	99	30	30	159	47	34	76	157	21	43	70	134	35	29	19	83	533
Grand Total	168	67	51	286	89	63	151	303	45	119	124	288	68	44	42	154	1031
Apprch %	58.7	23.4	17.8		29.4	20.8	49.8		15.6	41.3	43.1		44.2	28.6	27.3		
Total %	16.3	6.5	4.9	27.7	8.6	6.1	14.6	29.4	4.4	11.5	12	27.9	6.6	4.3	4.1	14.9	
Passenger Vehicles	140	65	50	255	80	61	139	280	44	118	114	276	65	44	42	151	962
% Passenger Vehicles	83.3	97	98	89.2	89.9	96.8	92.1	92.4	97.8	99.2	91.9	95.8	95.6	100	100	98.1	93.3
Large 2 Axle Vehicles	8	1	1	10	1	1	1	3	1	0	3	4	2	0	0	2	19
% Large 2 Axle Vehicles	4.8	1.5	2	3.5	1.1	1.6	0.7	1	2.2	0	2.4	1.4	2.9	0	0	1.3	1.8
3 Axle Vehicles	6	0	0	6	1	0	0	1	0	1	1	2	1	0	0	1	10
% 3 Axle Vehicles	3.6	0	0	2.1	1.1	0	0	0.3	0	0.8	0.8	0.7	1.5	0	0	0.6	1
4+ Axle Trucks	14	1	0	15	7	1	11	19	0	0	6	6	0	0	0	0	40
% 4+ Axle Trucks	8.3	1.5	0	5.2	7.9	1.6	7.3	6.3	0	0	4.8	2.1	0	0	0	0	3.9

	Glen Helen Parkway Southbound				Cajon Boulevard Westbound				Glen Helen Parkway Northbound				Cajon Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	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 05:00 PM																	
05:00 PM	23	9	5	37	11	10	13	34	6	9	16	31	11	4	5	20	122
05:15 PM	22	8	9	39	10	8	16	34	6	17	14	37	12	7	2	21	131
05:30 PM	27	6	8	41	15	13	30	58	5	7	16	28	5	5	6	16	143
05:45 PM	27	7	8	42	11	3	17	31	4	10	24	38	7	13	6	26	137
Total Volume	99	30	30	159	47	34	76	157	21	43	70	134	35	29	19	83	533
% App. Total	62.3	18.9	18.9		29.9	21.7	48.4		15.7	32.1	52.2		42.2	34.9	22.9		
PHF	.917	.833	.833	.946	.783	.654	.633	.677	.875	.632	.729	.882	.729	.558	.792	.798	.932

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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:

	05:00 PM				04:45 PM				04:00 PM				05:00 PM			
+0 mins.	23	9	5	37	8	7	28	43	9	23	17	49	11	4	5	20
+15 mins.	22	8	9	39	11	10	13	34	6	17	12	35	12	7	2	21
+30 mins.	27	6	8	41	10	8	16	34	1	18	14	33	5	5	6	16
+45 mins.	27	7	8	42	15	13	30	58	8	18	11	37	7	13	6	26
Total Volume	99	30	30	159	44	38	87	169	24	76	54	154	35	29	19	83
% App. Total	62.3	18.9	18.9		26	22.5	51.5		15.6	49.4	35.1		42.2	34.9	22.9	
PHF	.917	.833	.833	.946	.733	.731	.725	.728	.667	.826	.794	.786	.729	.558	.792	.798