



May 9, 2007

Mr. Jacob Babico
COUNTY OF SAN BERNARDINO
825 East Third Street, Room 115
San Bernardino, CA 92415-0835

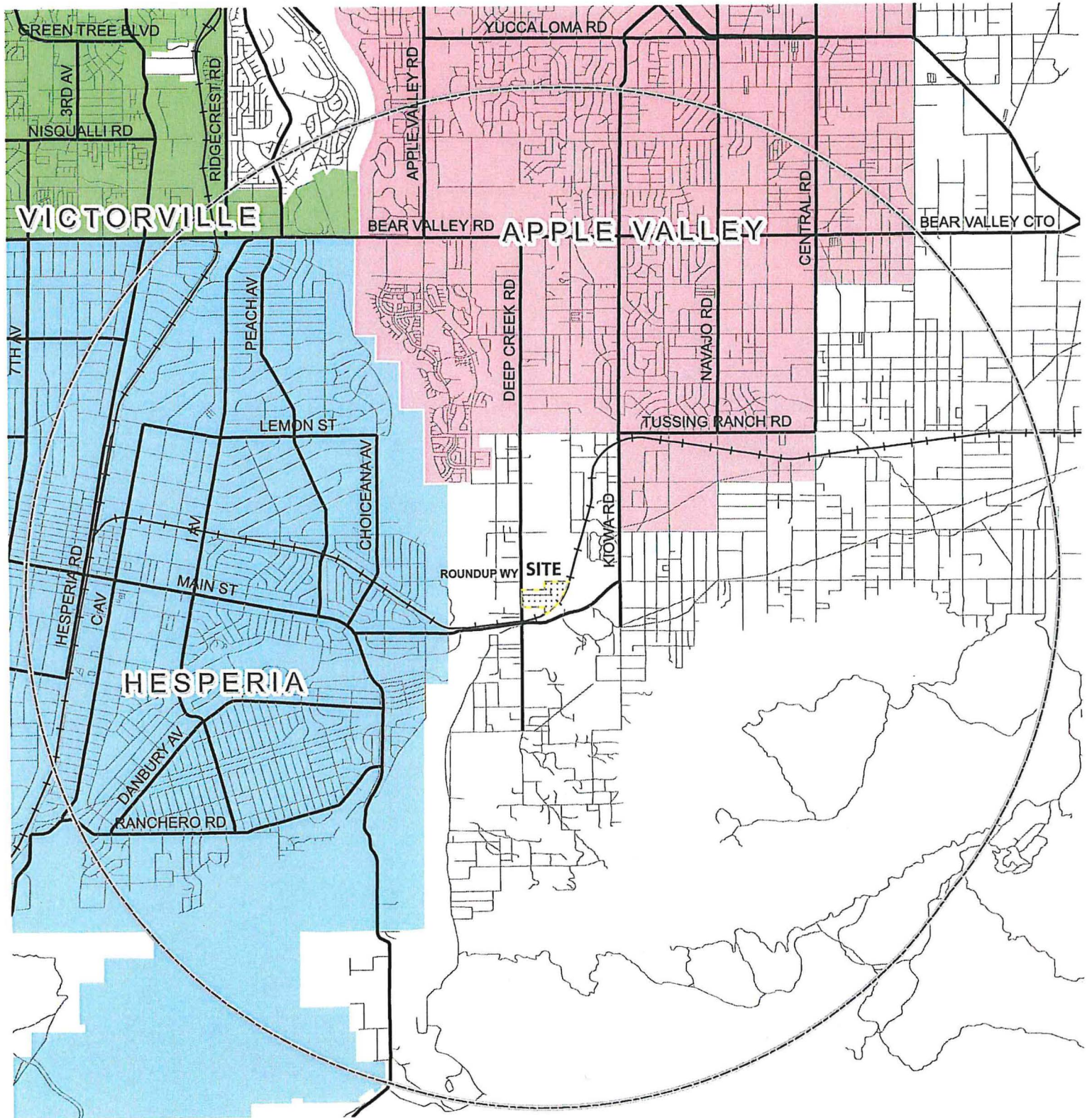
Subject: Scoping Assumptions (Trip Generation, Trip Distribution, Recommended Study Area Intersections) for the Proposed Deep Creek Road Rodeo, Livestock Arena, and Equestrian Arena Traffic Impact Analysis in the County of San Bernardino

Dear Mr. Babico:

The firm of Urban Crossroads, Inc. is pleased to provide this letter documenting the recommended scoping / assumptions for the proposed Deep Creek Road Rodeo, Livestock Arena, and Equestrian Arena project. Urban Crossroads, Inc. has calculated trip generation, evaluated trip distribution patterns, and the recommended intersection analysis locations. Our goal is to collect any comments from the County of San Bernardino and to finalize the project study area and analysis locations. Your input on analysis locations required by the responsible local agency (County of San Bernardino) is necessary before we can begin our traffic count program.

Exhibit A illustrates the project location. As indicated on Exhibit A, the proposed development is generally located between Deep Creek Road and the Burlington Northern and Santa Fe (BNSF) Railway tracks. Exhibit B illustrates the project site plan. As indicated on Exhibit B, the total project development is proposed to consist of a rodeo, livestock arena, and equestrian arena. The project's access point is located along Deep Creek Road.

EXHIBIT A
5-MILE RADIUS



LEGEND:


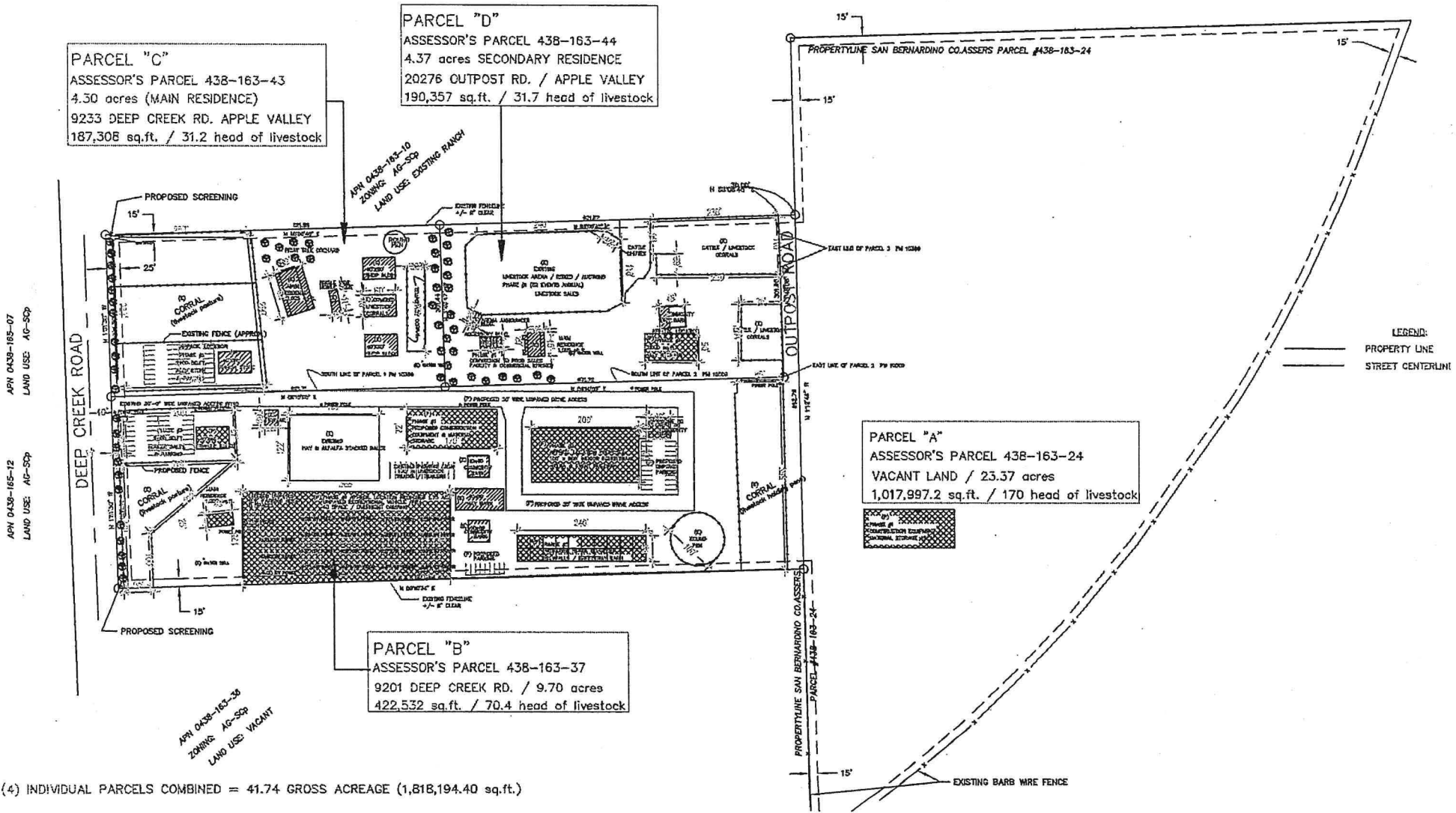
 = 5-MILE RADIUS



EXHIBIT B SITE PLAN



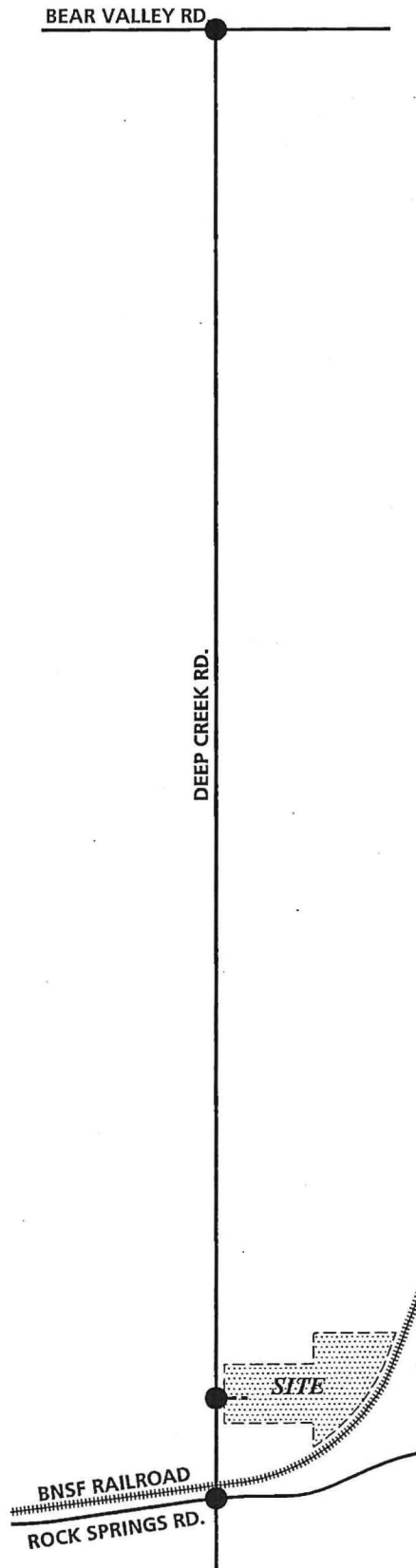
(4) INDIVIDUAL PARCELS COMBINED = 41.74 GROSS ACREAGE (1,818,194.40 sq.ft.)



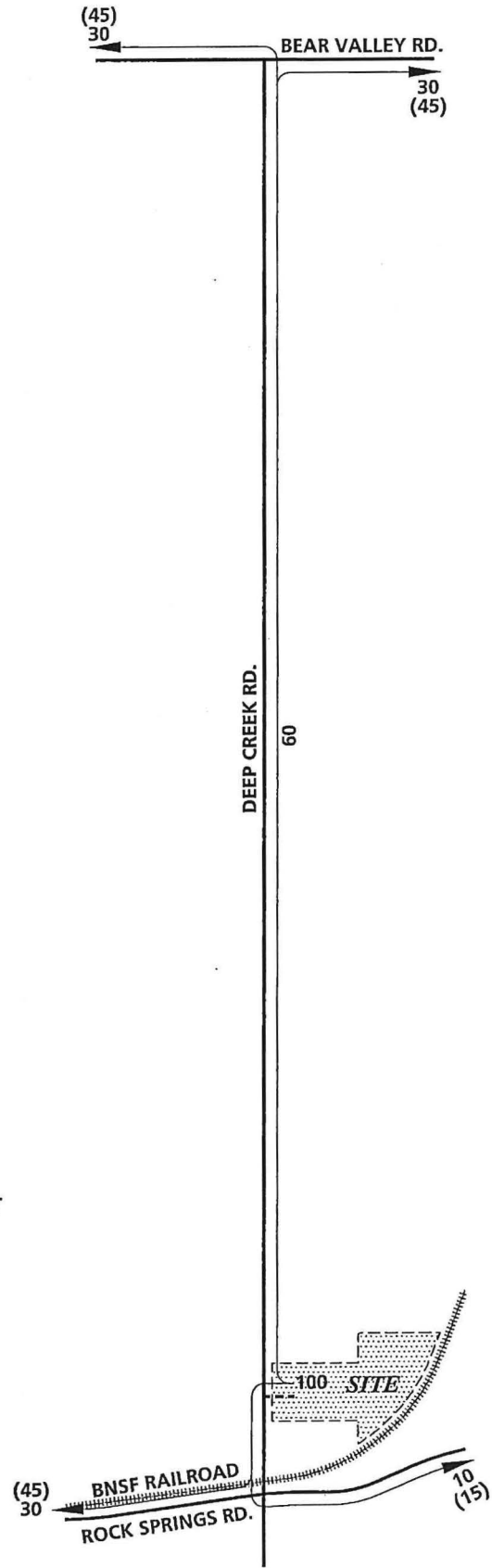
EXHIBIT C
LOCATION MAP

LEGEND:

● = INTERSECTION ANALYSIS LOCATION



PROJECT TRIP DISTRIBUTION AND PEAK HOUR TRAFFIC VOLUMES

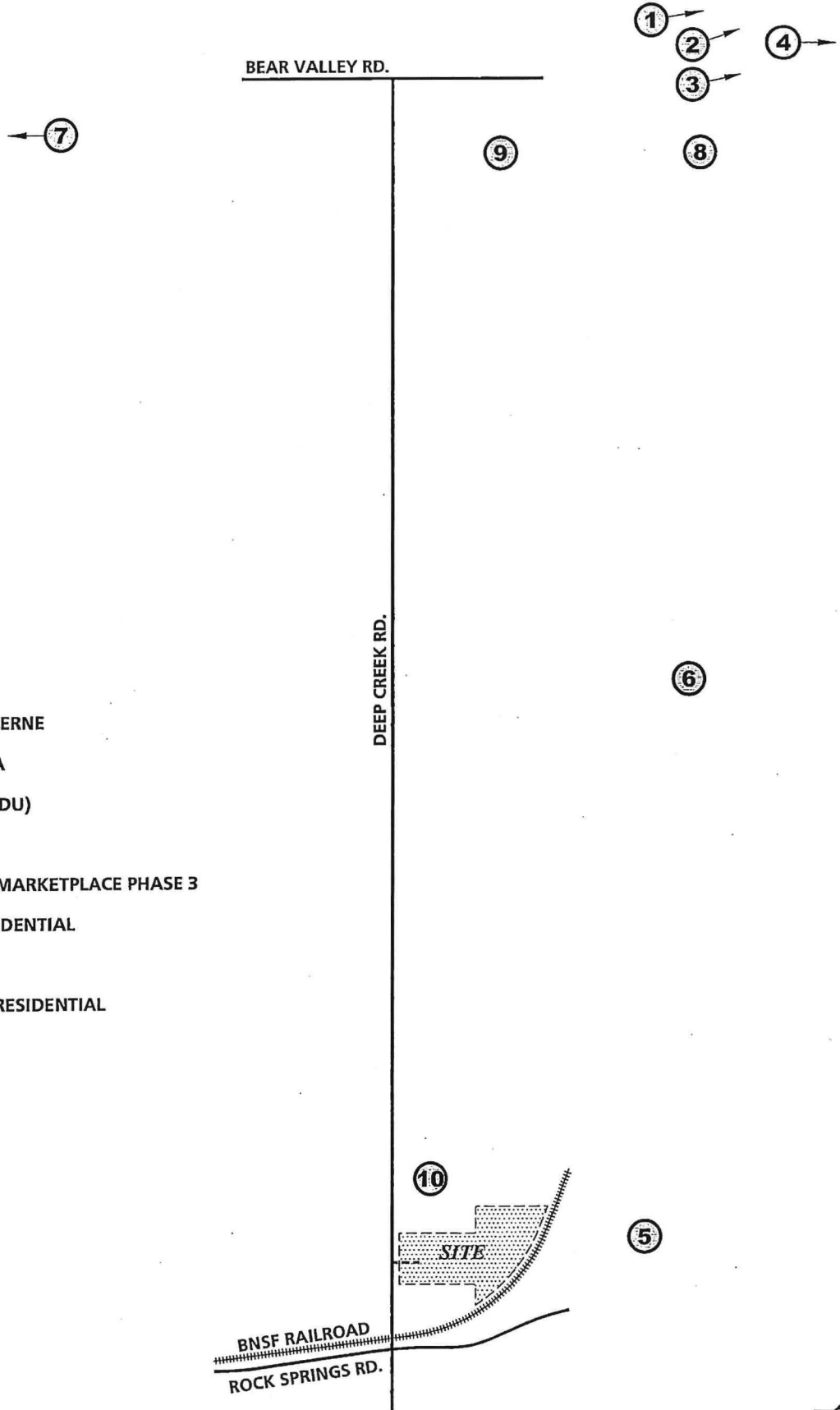


LEGEND:

- 10 = PERCENT TO/FROM PROJECT
- (15) = PEAK HOUR VEHICLES



EXHIBIT E OTHER DEVELOPMENT LOCATION MAP



LEGEND:

- ① = TT 17252
- ② = TT 17557
- ③ = RANCHO LUCERNE
- ④ = SIERRA BELLA
- ⑤ = TT 17500 (97 DU)
- ⑥ = TT 17615
- ⑦ = JESS RANCH MARKETPLACE PHASE 3
- ⑧ = SKYLINE RESIDENTIAL
- ⑨ = TRACT 15811
- ⑩ = DEEP CREEK RESIDENTIAL (TT 16569)



ATTACHMENT "A"

HIGHWAY CAPACITY MANUAL
EXCERPT

EXHIBUTES

*Traffic variation during
the day by day of week*

Percent of Daily Traffic

Source: T

WEEKDAY TO WEEKEND RELATIONSHIP

TIMEFRAME	AM	PM	Average
Weekday % of Daily Traffic	9.5	10	9.75
Weekend % of Daily Traffic	5 ¹	7.5	6.25
(Weekend / Weekday) Ratio	0.526	0.750	0.641
(Weekend / Weekday) %	53%	75%	64%

¹ Between 8AM-10AM

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APPENDIX A

WEEKDAY TO WEEKEND FACTOR CALCULATIONS
DAILY TRAFFIC VOLUME COUNT WORKSHEETS

**TABLE 1
WEEKDAY PEAK HOUR VOLUMES**

PEAK HOUR	INTERSECTION	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
AM	Deep Creek Road / Bear Valley Road	109	0	92	0	0	0	0	907	146	80	1,381	0	2,715
	Deep Creek Road / Rock Springs Road	27	32	8	8	16	194	159	228	5	7	329	13	1,026
PM	Deep Creek Road / Bear Valley Road	72	0	70	0	0	0	0	1,458	93	94	1,080	0	2,867
	Deep Creek Road / Rock Springs Road	8	20	8	21	28	138	128	393	36	14	278	27	1,099

**TABLE 2
WEEKEND PEAK HOUR VOLUMES**

PEAK HOUR	INTERSECTION	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
AM	Deep Creek Road / Bear Valley Road	64	0	45	0	0	0	0	706	52	38	1,036	0	1,941
	Deep Creek Road / Rock Springs Road	19	19	6	7	11	83	57	144	15	4	218	15	598
PM	Deep Creek Road / Bear Valley Road	50	0	55	0	0	0	0	1,110	66	66	883	0	2,230
	Deep Creek Road / Rock Springs Road	28	16	10	18	17	92	77	243	29	15	182	13	740

**TABLE 3
24 HOUR (DAILY) TRAFFIC**

SEGMENTS	WEEKDAYCOUNT	WEEKEND COUNT
Bear Valley Road, West of Deep Creek Road	40,302	22,039
Bear Valley Road, East of Deep Creek Road	28,678	21,883
Rock Springs Road, West of Deep Creek Road	10,683	6,594
Rock Springs Road, East of Deep Creek Road	7,411	4,861
Deep Creek Road, south of Bear Valley Road	4,200	2,422
Deep Creek Road, north of Rock Springs Road	4,356	4,172
Deep Creek Road, south of Rock Springs Road	1,161	1,050

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**TABLE 4
AM PEAK HOUR WEEKDAY TO WEEKEND FACTOR**

PEAK HOUR	INTERSECTION	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
AM	Deep Creek Road / Bear Valley Road	0.59	--	0.49	--	--	--	--	0.78	0.36	0.48	0.75	--	0.71
	Deep Creek Road / Rock Springs Road	0.70	0.59	0.75	0.88	0.69	0.43	0.36	0.63	3.00	0.57	0.66	1.15	0.58
	AVERAGE													0.65

**TABLE 5
PM PEAK HOUR WEEKDAY TO WEEKEND FACTOR**

PEAK HOUR	INTERSECTION	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
PM	Deep Creek Road / Bear Valley Road	0.69	--	0.79	--	--	--	--	0.76	0.71	0.70	0.82	--	0.78
	Deep Creek Road / Rock Springs Road	3.50	0.80	1.25	0.86	0.61	0.67	0.60	0.62	0.81	1.07	0.65	0.48	0.67
	AVERAGE													0.73

**TABLE 6
DAILY TRAFFIC WEEKDAY TO WEEKEND FACTOR**

SEGMENTS	WEEKDAY TO WEEKEND FACTOR
Bear Valley Road, West of Deep Creek Road	0.55
Bear Valley Road, East of Deep Creek Road	0.76
Rock Springs Road, West of Deep Creek Road	0.62
Rock Springs Road, East of Deep Creek Road	0.66
Deep Creek Road, south of Bear Valley Road	0.58
Deep Creek Road, north of Bear Valley Road	0.96
Deep Creek Road, north of Bear Valley Road	0.90
AVERAGE	0.72

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County of San Bernardino
 Deep Creek Road
 S/ Project Access Site
 24 Hour Directional Volume Count

CSBDCSPS
 Site Code: 051232
 Date Start: 18-May-07
 Date End: 18-May-07

Start Time	18-May-07 Fri	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	25			6	34				
12:15		5	21			1	41				
12:30		1	34			1	27				
12:45		4	16	13	96	3	38	11	140	24	236
01:00		1	30			0	35				
01:15		2	23			3	33				
01:30		1	19			2	43				
01:45		1	24	5	96	4	35	9	146	14	242
02:00		3	29			1	28				
02:15		3	32			1	43				
02:30		4	38			0	47				
02:45		1	26	11	125	1	41	3	159	14	284
03:00		0	31			1	48				
03:15		0	37			0	57				
03:30		5	38			1	52				
03:45		4	40	9	146	4	50	6	207	15	353
04:00		2	43			1	35				
04:15		2	28			2	47				
04:30		3	47			3	34				
04:45		5	24	12	142	6	32	12	148	24	290
05:00		2	38			6	40				
05:15		11	35			6	42				
05:30		6	40			8	40				
05:45		13	32	32	145	10	38	30	160	62	305
06:00		10	22			19	37				
06:15		23	29			24	21				
06:30		30	23			35	29				
06:45		30	30	93	104	34	29	112	116	205	220
07:00		33	31			34	16				
07:15		31	27			27	29				
07:30		35	18			37	13				
07:45		41	12	140	88	19	23	117	81	257	169
08:00		30	20			39	21				
08:15		35	18			29	25				
08:30		29	21			44	21				
08:45		35	13	129	72	38	23	150	90	279	162
09:00		32	5			27	13				
09:15		20	6			25	16				
09:30		25	7			24	15				
09:45		32	14	109	32	29	16	105	60	214	92
10:00		22	4			37	18				
10:15		32	10			27	12				
10:30		30	6			17	11				
10:45		21	6	105	26	27	7	108	48	213	74
11:00		21	4			48	10				
11:15		29	5			27	7				
11:30		27	13			25	14				
11:45		20	5	97	27	28	4	128	35	225	62
Total		755	1099	755	1099	791	1390	791	1390	1546	2489
Combined Total		1854		1854		2181		2181		4035	
AM Peak	07:30					08:00					
Vol.	141					150					
P.H.F.	0.860					0.781					
PM Peak		03:15				03:00					
Vol.		158				207					
P.H.F.		0.840				0.908					
Percentage		40.7%	59.3%			36.3%	63.7%				
ADT/AADT		ADT 4,035	AADT 4,035								

X 1.034 (PCF Factor)
4172

GENERAL NON PCE TO PCE FACTOR **FOR STUDY AREA**

METHOD	TOTAL WEEKEND AM + PM VOLUMES
NON PCE	5,764
PCE	5,960
FACTOR	1.034

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EXISTING ADT CALCULATIONS

Int Num	RoadName	LEG	Transposed ADT WITH PCE	Actual Count	Final Exist ADT (PCE)
1	Deep Creek Road / Bear Valley Rd.	North	0		0
1		South	2,422	See Note 1	2,422
1		West	22,039		22,039
1		East	21,883		21,883
2	Deep Creek Road / Project Access / Outpost F	North	2,400	See Note 1	2,400
2		South	2,356	4,172	4,172
2		West	89		89
2		East	167		167
3	Deep Creek Road / Rock Springs Road	North	2,361		2,361
3		South	1,050		1,050
3		West	6,594		6,594
3		East	4,861		4,861

4,172

4,172

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Note 1: Used actual count from south of project site as conservative worst case

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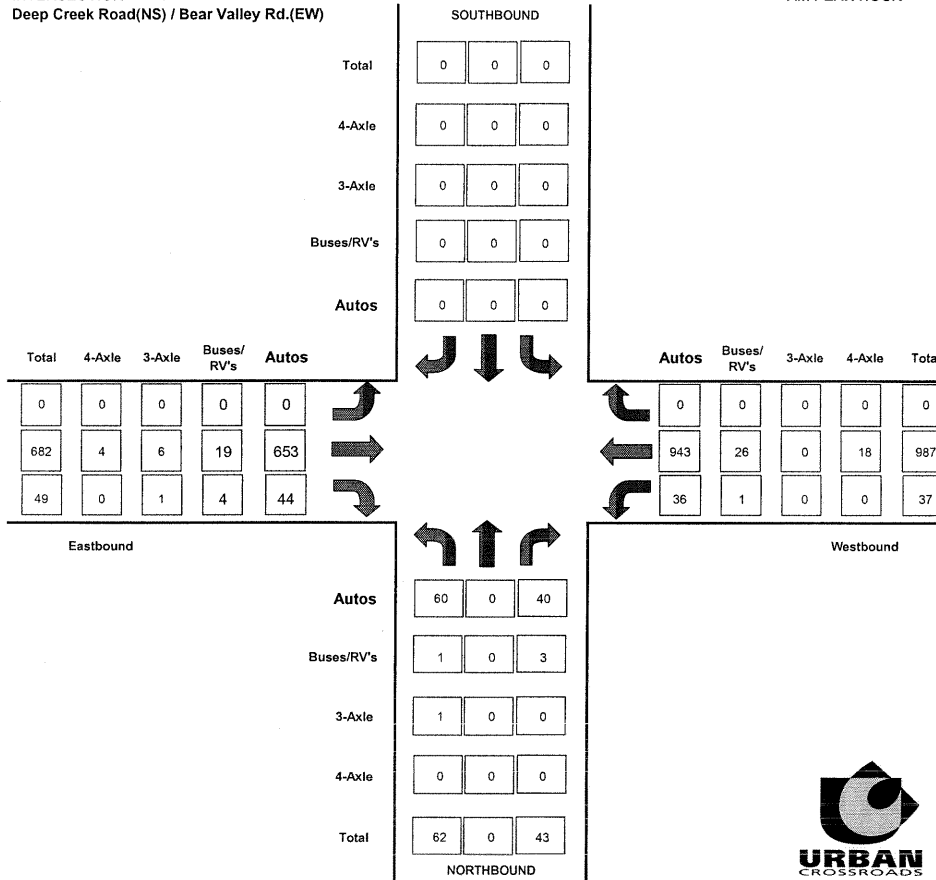
APPENDIX B

PEAK PERIOD INTERSECTION TRAFFIC COUNT DATA

RAW PEAK HOUR COUNT SUMMARY

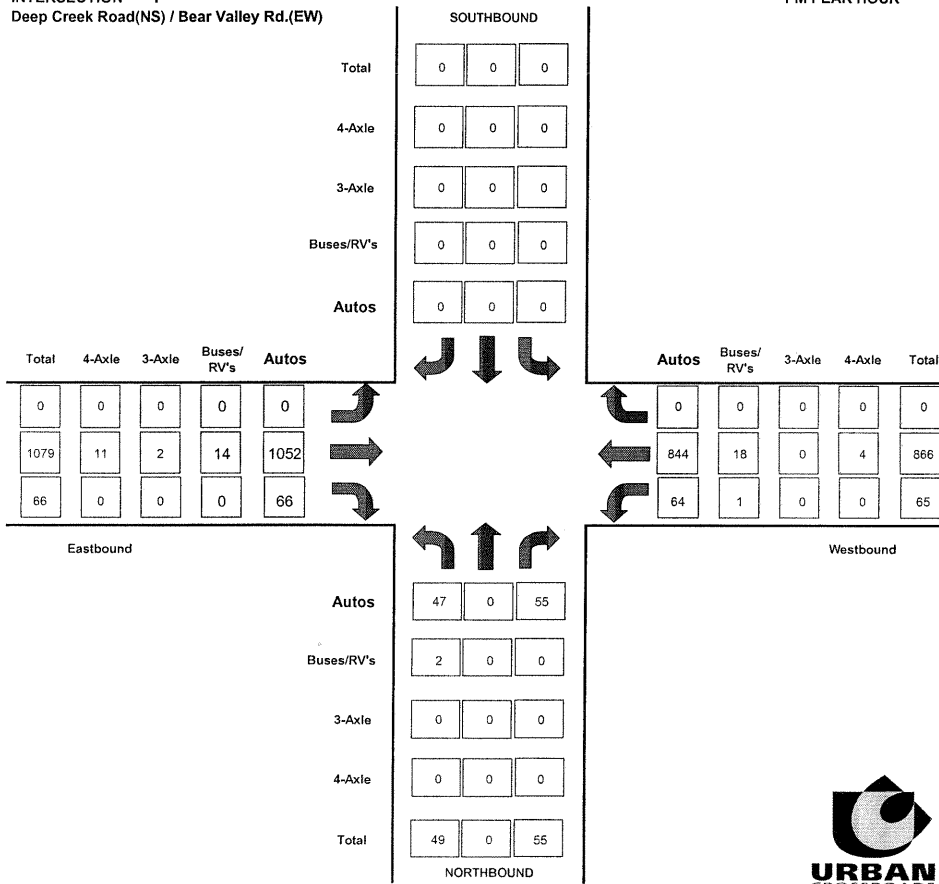
INTERSECTION 1
Deep Creek Road(NS) / Bear Valley Rd.(EW)

AM PEAK HOUR



INTERSECTION 1
Deep Creek Road(NS) / Bear Valley Rd.(EW)

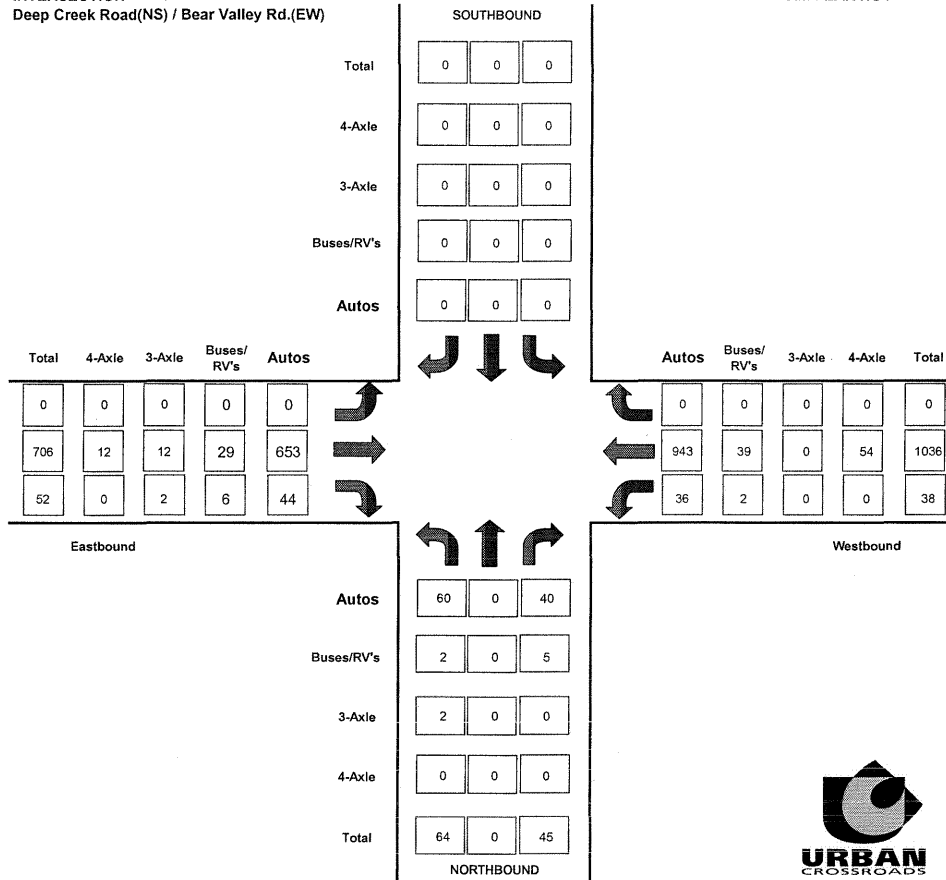
PM PEAK HOUR



PASSENGER CAR EQUIVALENCY PEAK HOUR COUNT SUMMARY

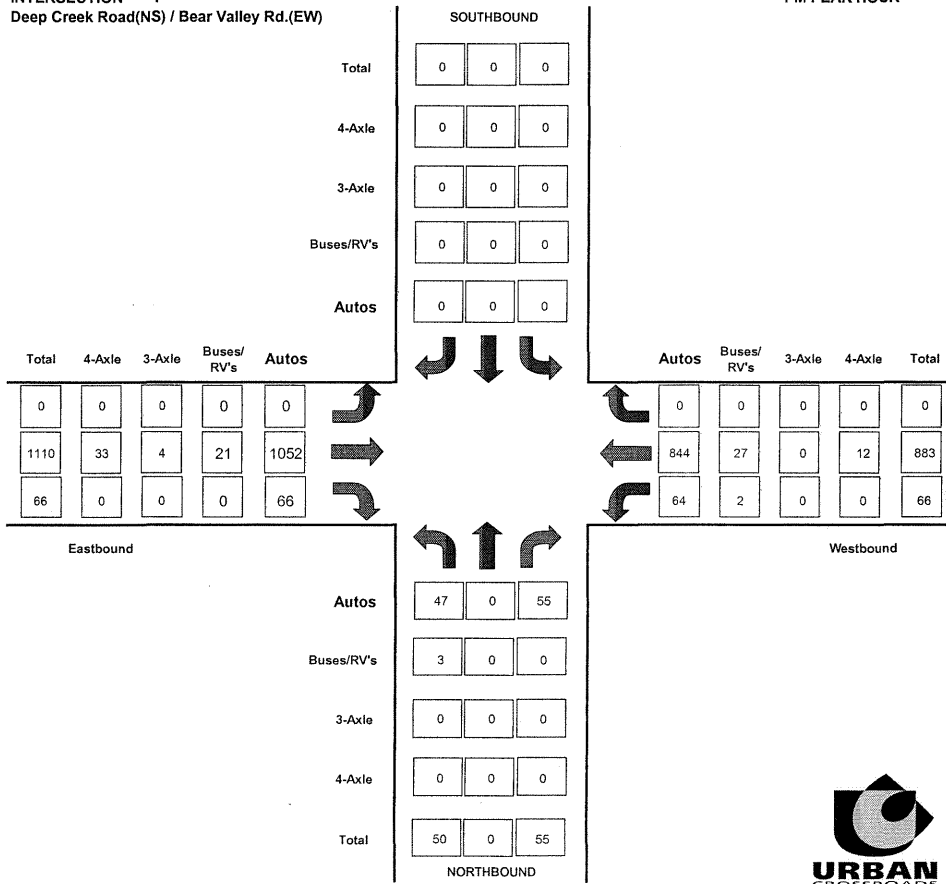
INTERSECTION 1
Deep Creek Road(NS) / Bear Valley Rd.(EW)

AM PEAK HOUR



INTERSECTION 1
Deep Creek Road(NS) / Bear Valley Rd.(EW)

PM PEAK HOUR





Counts Unlimited Inc.
 25424 Jaclyn Avenue
 Moreno Valley, CA 92557
 951-247-6716

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVAM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 1

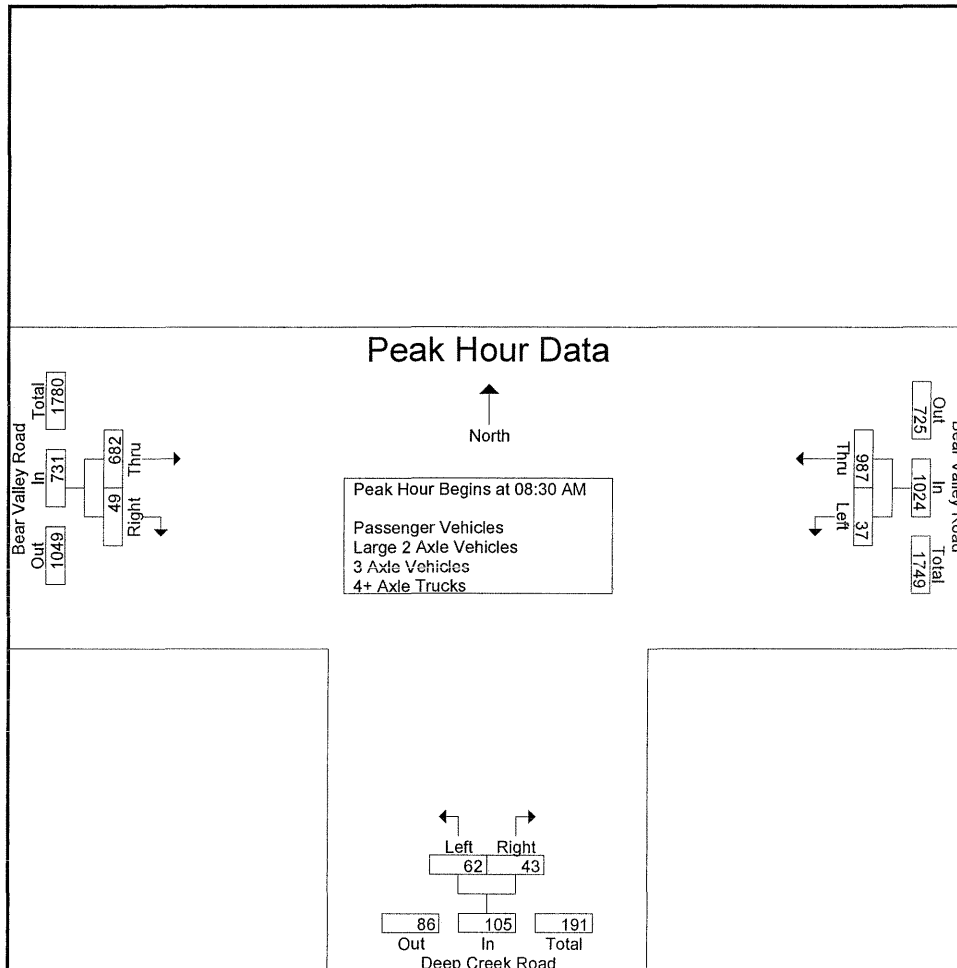
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
08:00 AM	14	192	206	11	4	15	138	5	143	364
08:15 AM	9	231	240	14	14	28	144	8	152	420
08:30 AM	9	272	281	17	16	33	156	11	167	481
08:45 AM	13	278	291	15	10	25	180	15	195	511
Total	45	973	1018	57	44	101	618	39	657	1776
09:00 AM	5	210	215	10	9	19	165	12	177	411
09:15 AM	10	227	237	20	8	28	181	11	192	457
09:30 AM	11	226	237	5	18	23	203	13	216	476
09:45 AM	15	262	277	11	12	23	202	10	212	512
Total	41	925	966	46	47	93	751	46	797	1856
Grand Total	86	1898	1984	103	91	194	1369	85	1454	3632
Apprch %	4.3	95.7		53.1	46.9		94.2	5.8		
Total %	2.4	52.3	54.6	2.8	2.5	5.3	37.7	2.3	40	
Passenger Vehicles	84	1824	1908	97	88	185	1308	79	1387	3480
% Passenger Vehicles	97.7	96.1	96.2	94.2	96.7	95.4	95.5	92.9	95.4	95.8
Large 2 Axle Vehicles	1	45	46	2	3	5	39	4	43	94
% Large 2 Axle Vehicles	1.2	2.4	2.3	1.9	3.3	2.6	2.8	4.7	3	2.6
3 Axle Vehicles	0	2	2	3	0	3	11	2	13	18
% 3 Axle Vehicles	0	0.1	0.1	2.9	0	1.5	0.8	2.4	0.9	0.5
4+ Axle Trucks	1	27	28	1	0	1	11	0	11	40
% 4+ Axle Trucks	1.2	1.4	1.4	1	0	0.5	0.8	0	0.8	1.1

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 08:00 AM to 09:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:30 AM										
08:30 AM	9	272	281	17	16	33	156	11	167	481
08:45 AM	13	278	291	15	10	25	180	15	195	511
09:00 AM	5	210	215	10	9	19	165	12	177	411
09:15 AM	10	227	237	20	8	28	181	11	192	457
Total Volume	37	987	1024	62	43	105	682	49	731	1860
% App. Total	3.6	96.4		59	41		93.3	6.7		
PHF	.712	.888	.880	.775	.672	.795	.942	.817	.937	.910

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVAM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 2



Peak Hour Analysis From 08:00 AM to 09:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:15 AM			08:15 AM			09:00 AM		
+0 mins.	9	231	240	14	14	28	165	12	177
+15 mins.	9	272	281	17	16	33	181	11	192
+30 mins.	13	278	291	15	10	25	203	13	216
+45 mins.	5	210	215	10	9	19	202	10	212
Total Volume	36	991	1027	56	49	105	751	46	797
% App. Total	3.5	96.5		53.3	46.7		94.2	5.8	
PHF	.692	.891	.882	.824	.766	.795	.925	.885	.922

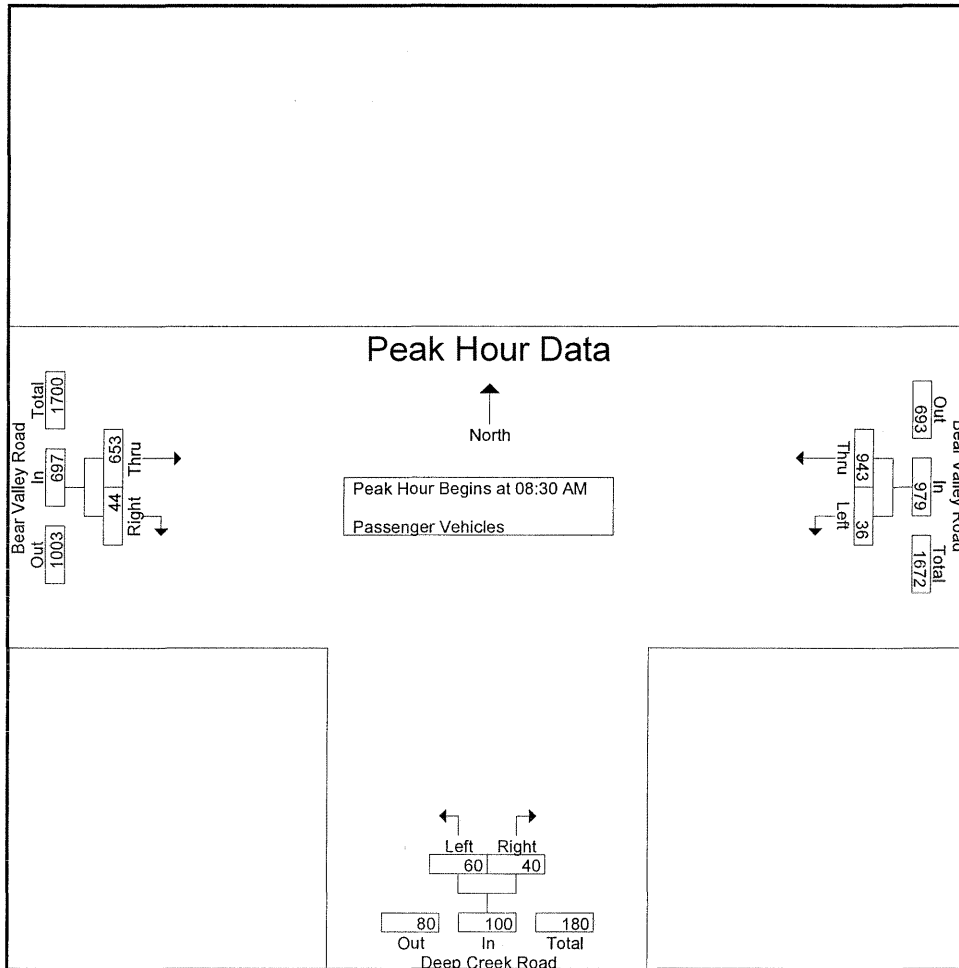
Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVAM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
08:00 AM	13	186	199	7	4	11	130	4	134	344
08:15 AM	9	223	232	14	14	28	136	8	144	404
08:30 AM	9	255	264	16	14	30	150	8	158	452
08:45 AM	13	265	278	15	10	25	172	15	187	490
Total	44	929	973	52	42	94	588	35	623	1690
09:00 AM	4	204	208	10	8	18	158	11	169	395
09:15 AM	10	219	229	19	8	27	173	10	183	439
09:30 AM	11	218	229	5	18	23	194	13	207	459
09:45 AM	15	254	269	11	12	23	195	10	205	497
Total	40	895	935	45	46	91	720	44	764	1790
Grand Total	84	1824	1908	97	88	185	1308	79	1387	3480
Apprch %	4.4	95.6		52.4	47.6		94.3	5.7		
Total %	2.4	52.4	54.8	2.8	2.5	5.3	37.6	2.3	39.9	

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:30 AM										
08:30 AM	9	255	264	16	14	30	150	8	158	452
08:45 AM	13	265	278	15	10	25	172	15	187	490
09:00 AM	4	204	208	10	8	18	158	11	169	395
09:15 AM	10	219	229	19	8	27	173	10	183	439
Total Volume	36	943	979	60	40	100	653	44	697	1776
% App. Total	3.7	96.3		60	40		93.7	6.3		
PHF	.692	.890	.880	.789	.714	.833	.944	.733	.932	.906



Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM			08:30 AM			08:30 AM		
+0 mins.	9	255	264	16	14	30	150	8	158
+15 mins.	13	265	278	15	10	25	172	15	187
+30 mins.	4	204	208	10	8	18	158	11	169
+45 mins.	10	219	229	19	8	27	173	10	183
Total Volume	36	943	979	60	40	100	653	44	697
% App. Total	3.7	96.3		60	40		93.7	6.3	
PHF	.692	.890	.880	.789	.714	.833	.944	.733	.932

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVAM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 1

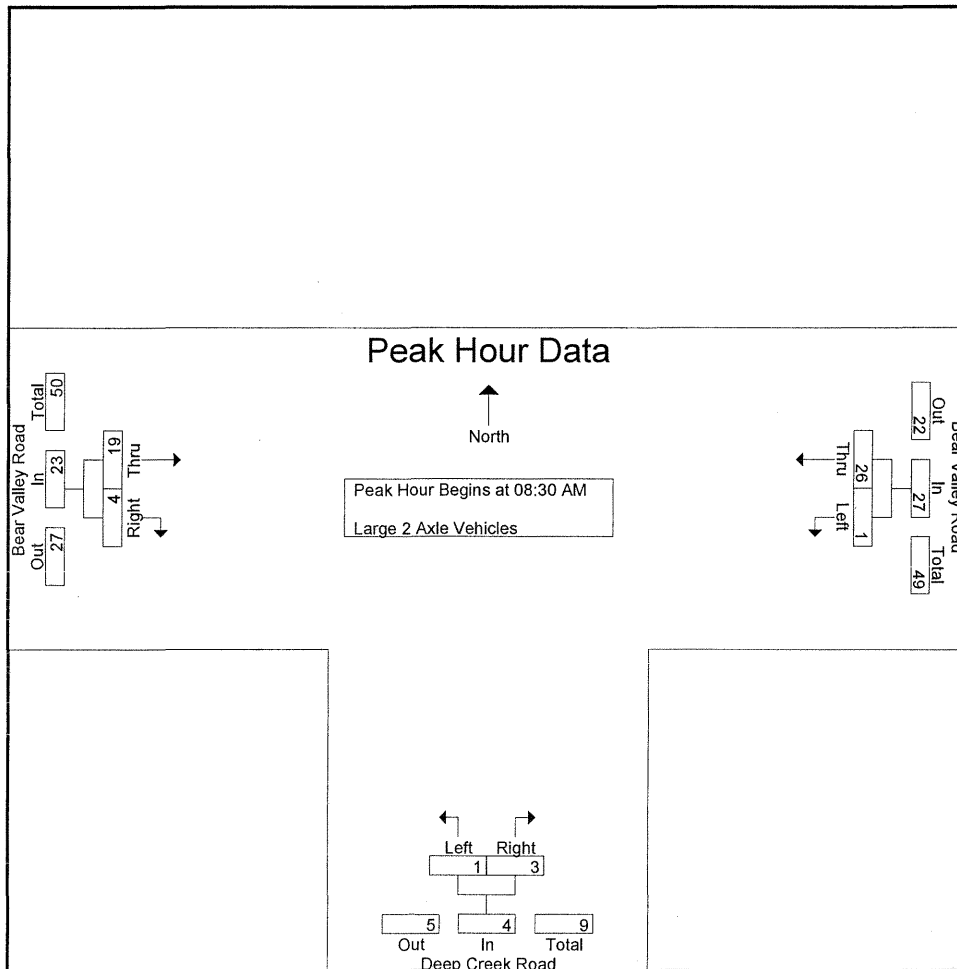
Groups Printed- Large 2 Axle Vehicles

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
08:00 AM	0	5	5	1	0	1	3	0	3	9
08:15 AM	0	6	6	0	0	0	4	0	4	10
08:30 AM	0	10	10	1	2	3	6	2	8	21
08:45 AM	0	8	8	0	0	0	6	0	6	14
Total	0	29	29	2	2	4	19	2	21	54
09:00 AM	1	4	5	0	1	1	2	1	3	9
09:15 AM	0	4	4	0	0	0	5	1	6	10
09:30 AM	0	3	3	0	0	0	7	0	7	10
09:45 AM	0	5	5	0	0	0	6	0	6	11
Total	1	16	17	0	1	1	20	2	22	40
Grand Total	1	45	46	2	3	5	39	4	43	94
Apprch %	2.2	97.8		40	60		90.7	9.3		
Total %	1.1	47.9	48.9	2.1	3.2	5.3	41.5	4.3	45.7	

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:30 AM										
08:30 AM	0	10	10	1	2	3	6	2	8	21
08:45 AM	0	8	8	0	0	0	6	0	6	14
09:00 AM	1	4	5	0	1	1	2	1	3	9
09:15 AM	0	4	4	0	0	0	5	1	6	10
Total Volume	1	26	27	1	3	4	19	4	23	54
% App. Total	3.7	96.3		25	75		82.6	17.4		
PHF	.250	.650	.675	.250	.375	.333	.792	.500	.719	.643

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVAM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 2



Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:30 AM			08:30 AM			08:30 AM		
+0 mins.	0	10	10	1	2	3	6	2	8
+15 mins.	0	8	8	0	0	0	6	0	6
+30 mins.	1	4	5	0	1	1	2	1	3
+45 mins.	0	4	4	0	0	0	5	1	6
Total Volume	1	26	27	1	3	4	19	4	23
% App. Total	3.7	96.3		25	75		82.6	17.4	
PHF	.250	.650	.675	.250	.375	.333	.792	.500	.719

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVAM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 1

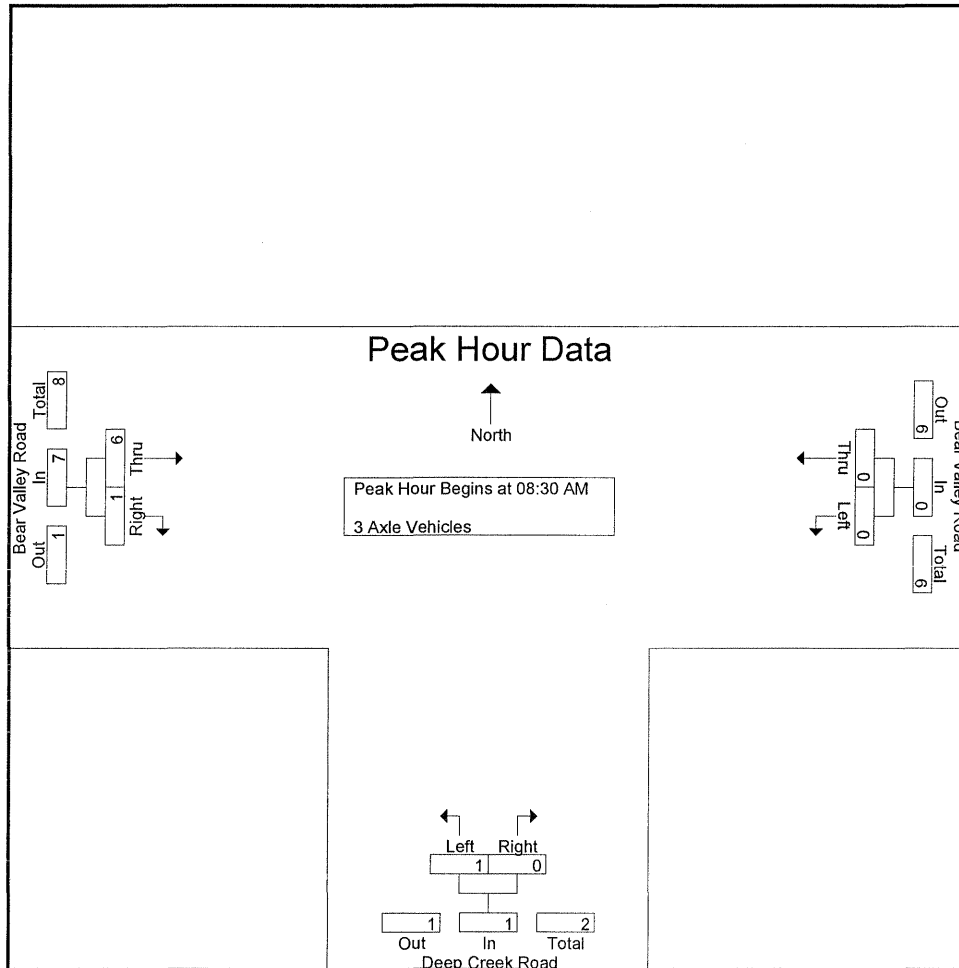
Groups Printed- 3 Axle Vehicles

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
08:00 AM	0	0	0	2	0	2	3	1	4	6
08:15 AM	0	0	0	0	0	0	1	0	1	1
08:30 AM	0	0	0	0	0	0	0	1	1	1
08:45 AM	0	0	0	0	0	0	2	0	2	2
Total	0	0	0	2	0	2	6	2	8	10
09:00 AM	0	0	0	0	0	0	3	0	3	3
09:15 AM	0	0	0	1	0	1	1	0	1	2
09:30 AM	0	0	0	0	0	0	1	0	1	1
09:45 AM	0	2	2	0	0	0	0	0	0	2
Total	0	2	2	1	0	1	5	0	5	8
Grand Total	0	2	2	3	0	3	11	2	13	18
Apprch %	0	100		100	0		84.6	15.4		
Total %	0	11.1	11.1	16.7	0	16.7	61.1	11.1	72.2	

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:30 AM										
08:30 AM	0	0	0	0	0	0	0	1	1	1
08:45 AM	0	0	0	0	0	0	2	0	2	2
09:00 AM	0	0	0	0	0	0	3	0	3	3
09:15 AM	0	0	0	1	0	1	1	0	1	2
Total Volume	0	0	0	1	0	1	6	1	7	8
% App. Total	0	0		100	0		85.7	14.3		
PHF	.000	.000	.000	.250	.000	.250	.500	.250	.583	.667

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVAM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 2



Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM			08:30 AM			08:30 AM		
+0 mins.	0	0	0	0	0	0	0	1	1
+15 mins.	0	0	0	0	0	0	2	0	2
+30 mins.	0	0	0	0	0	0	3	0	3
+45 mins.	0	0	0	1	0	1	1	0	1
Total Volume	0	0	0	1	0	1	6	1	7
% App. Total	0	0	0	100	0		85.7	14.3	
PHF	.000	.000	.000	.250	.000	.250	.500	.250	.583

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVAM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 1

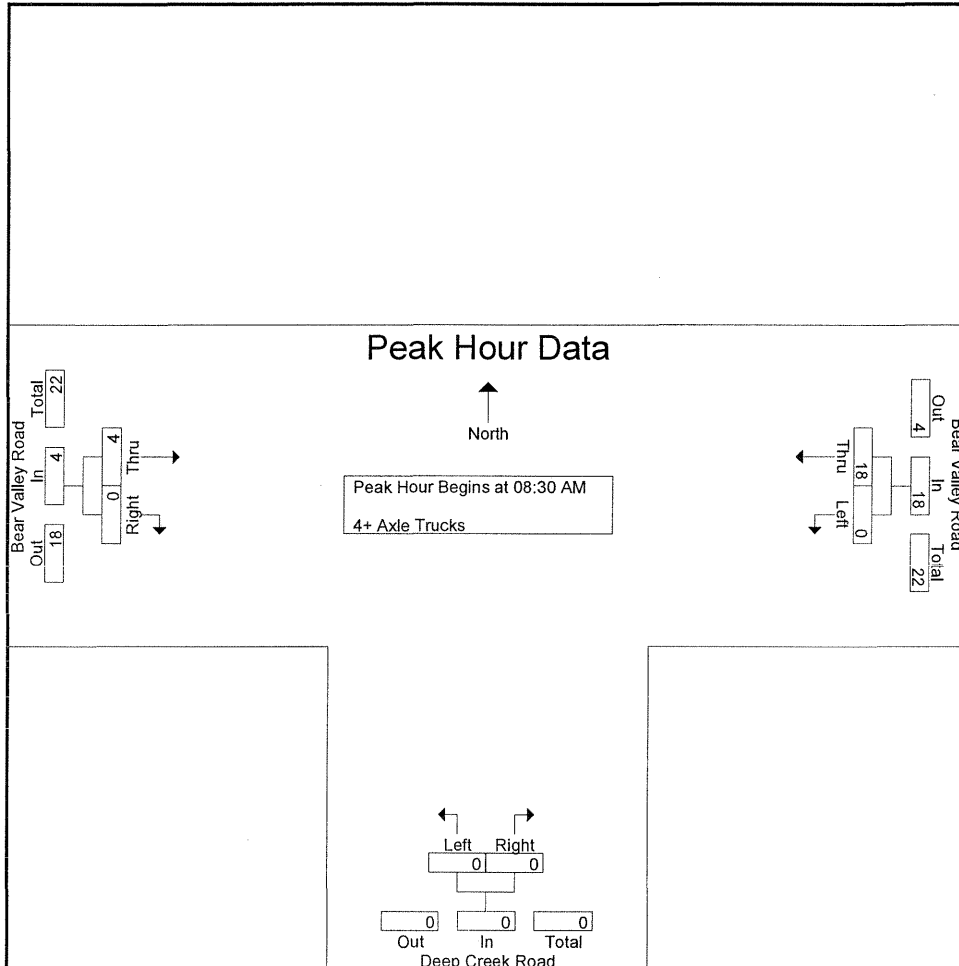
Groups Printed- 4+ Axle Trucks

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
08:00 AM	1	1	2	1	0	1	2	0	2	5
08:15 AM	0	2	2	0	0	0	3	0	3	5
08:30 AM	0	7	7	0	0	0	0	0	0	7
08:45 AM	0	5	5	0	0	0	0	0	0	5
Total	1	15	16	1	0	1	5	0	5	22
09:00 AM	0	2	2	0	0	0	2	0	2	4
09:15 AM	0	4	4	0	0	0	2	0	2	6
09:30 AM	0	5	5	0	0	0	1	0	1	6
09:45 AM	0	1	1	0	0	0	1	0	1	2
Total	0	12	12	0	0	0	6	0	6	18
Grand Total	1	27	28	1	0	1	11	0	11	40
Apprch %	3.6	96.4		100	0		100	0		
Total %	2.5	67.5	70	2.5	0	2.5	27.5	0	27.5	

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:30 AM										
08:30 AM	0	7	7	0	0	0	0	0	0	7
08:45 AM	0	5	5	0	0	0	0	0	0	5
09:00 AM	0	2	2	0	0	0	2	0	2	4
09:15 AM	0	4	4	0	0	0	2	0	2	6
Total Volume	0	18	18	0	0	0	4	0	4	22
% App. Total	0	100		0	0		100	0		
PHF	.000	.643	.643	.000	.000	.000	.500	.000	.500	.786

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVAM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 2



Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:30 AM			08:30 AM			08:30 AM		
+0 mins.	0	7	7	0	0	0	0	0	0
+15 mins.	0	5	5	0	0	0	0	0	0
+30 mins.	0	2	2	0	0	0	2	0	2
+45 mins.	0	4	4	0	0	0	2	0	2
Total Volume	0	18	18	0	0	0	4	0	4
% App. Total	0	100		0	0		100	0	
PHF	.000	.643	.643	.000	.000	.000	.500	.000	.500

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVPM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 1

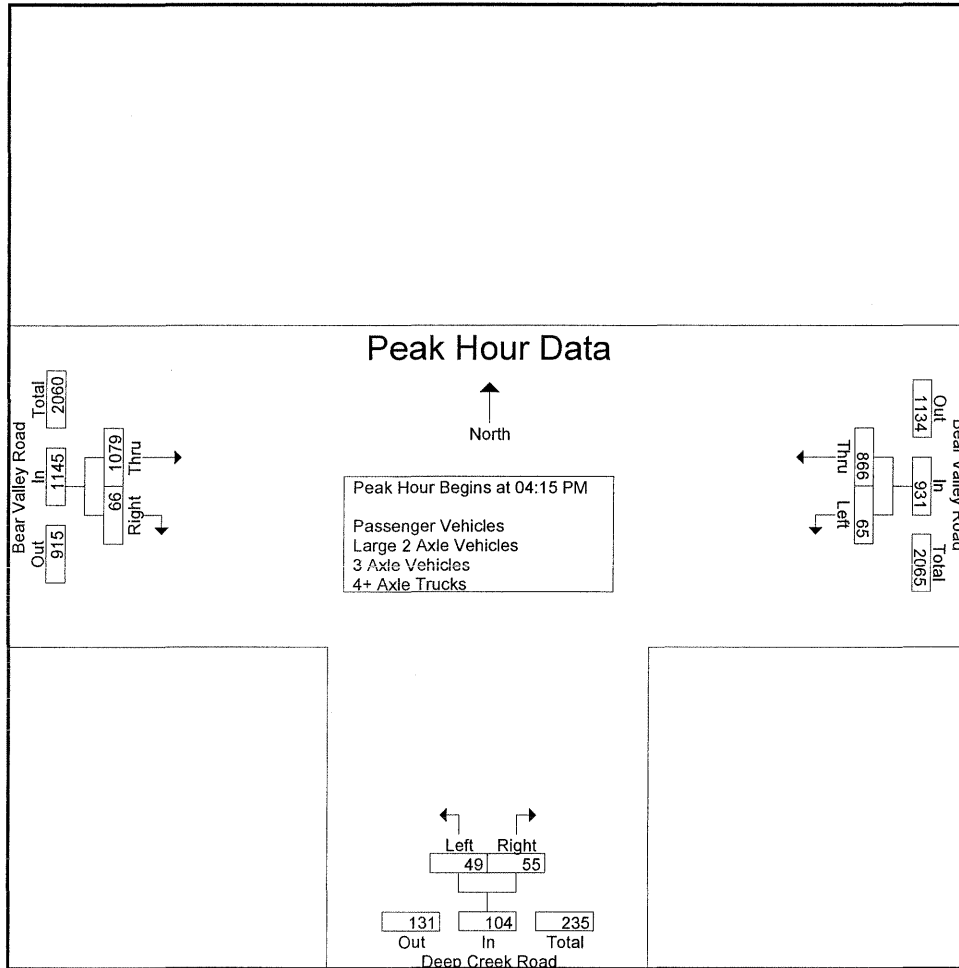
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
04:00 PM	8	160	168	9	8	17	220	19	239	424
04:15 PM	16	200	216	9	13	22	286	16	302	540
04:30 PM	15	229	244	13	13	26	278	12	290	560
04:45 PM	19	224	243	8	20	28	272	17	289	560
Total	58	813	871	39	54	93	1056	64	1120	2084
05:00 PM	15	213	228	19	9	28	243	21	264	520
05:15 PM	13	236	249	11	10	21	250	17	267	537
05:30 PM	12	218	230	16	12	28	199	14	213	471
05:45 PM	13	204	217	8	16	24	202	18	220	461
Total	53	871	924	54	47	101	894	70	964	1989
Grand Total	111	1684	1795	93	101	194	1950	134	2084	4073
Apprch %	6.2	93.8		47.9	52.1		93.6	6.4		
Total %	2.7	41.3	44.1	2.3	2.5	4.8	47.9	3.3	51.2	
Passenger Vehicles	108	1634	1742	90	98	188	1906	132	2038	3968
% Passenger Vehicles	97.3	97	97	96.8	97	96.9	97.7	98.5	97.8	97.4
Large 2 Axle Vehicles	3	28	31	3	3	6	24	2	26	63
% Large 2 Axle Vehicles	2.7	1.7	1.7	3.2	3	3.1	1.2	1.5	1.2	1.5
3 Axle Vehicles	0	9	9	0	0	0	5	0	5	14
% 3 Axle Vehicles	0	0.5	0.5	0	0	0	0.3	0	0.2	0.3
4+ Axle Trucks	0	13	13	0	0	0	15	0	15	28
% 4+ Axle Trucks	0	0.8	0.7	0	0	0	0.8	0	0.7	0.7

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:15 PM										
04:15 PM	16	200	216	9	13	22	286	16	302	540
04:30 PM	15	229	244	13	13	26	278	12	290	560
04:45 PM	19	224	243	8	20	28	272	17	289	560
05:00 PM	15	213	228	19	9	28	243	21	264	520
Total Volume	65	866	931	49	55	104	1079	66	1145	2180
% App. Total	7	93		47.1	52.9		94.2	5.8		
PHF	.855	.945	.954	.645	.688	.929	.943	.786	.948	.973

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVPM
 Site Code : 05123282
 Start Date : 5/19/2007
 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:

	04:30 PM			04:45 PM			04:15 PM		
+0 mins.	15	229	244	8	20	28	286	16	302
+15 mins.	19	224	243	19	9	28	278	12	290
+30 mins.	15	213	228	11	10	21	272	17	289
+45 mins.	13	236	249	16	12	28	243	21	264
Total Volume	62	902	964	54	51	105	1079	66	1145
% App. Total	6.4	93.6		51.4	48.6		94.2	5.8	
PHF	.816	.956	.968	.711	.638	.938	.943	.786	.948

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVPM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 1

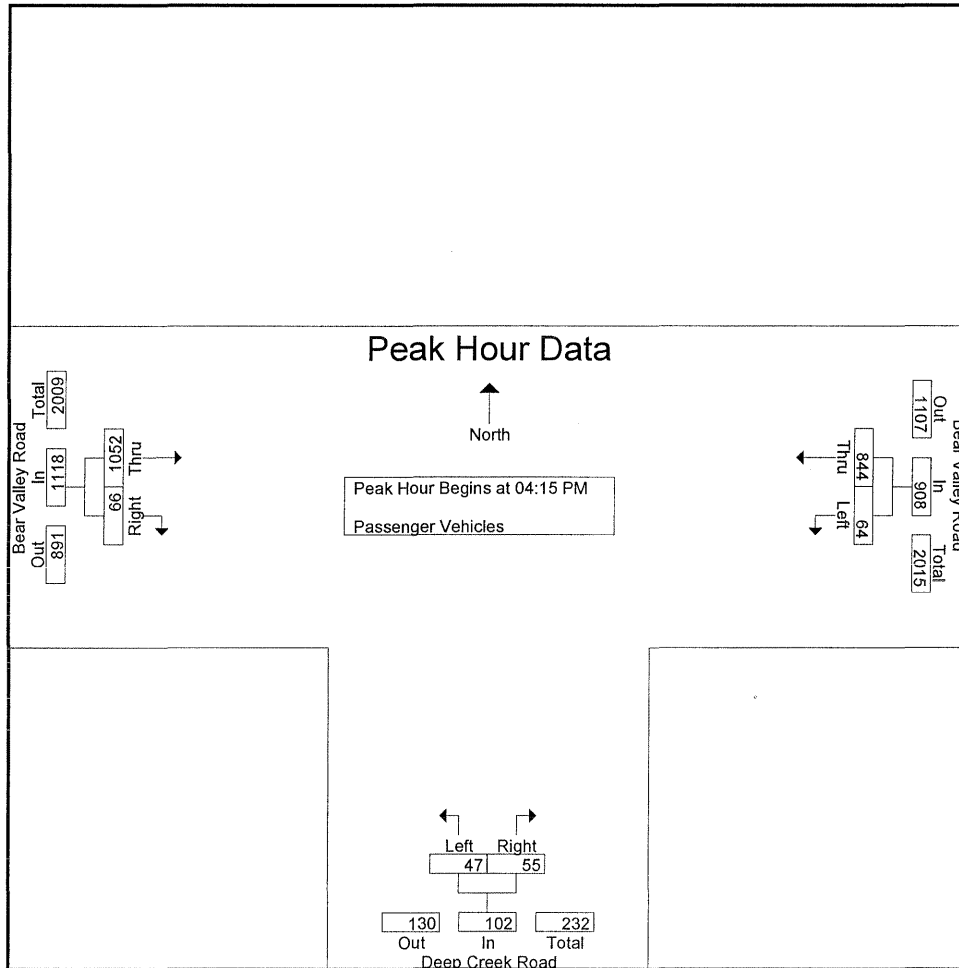
Groups Printed- Passenger Vehicles

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
04:00 PM	8	158	166	9	7	16	214	18	232	414
04:15 PM	16	195	211	8	13	21	278	16	294	526
04:30 PM	14	220	234	12	13	25	271	12	283	542
04:45 PM	19	221	240	8	20	28	268	17	285	553
Total	57	794	851	37	53	90	1031	63	1094	2035
05:00 PM	15	208	223	19	9	28	235	21	256	507
05:15 PM	11	227	238	11	9	20	244	16	260	518
05:30 PM	12	214	226	15	11	26	197	14	211	463
05:45 PM	13	191	204	8	16	24	199	18	217	445
Total	51	840	891	53	45	98	875	69	944	1933
Grand Total	108	1634	1742	90	98	188	1906	132	2038	3968
Apprch %	6.2	93.8		47.9	52.1		93.5	6.5		
Total %	2.7	41.2	43.9	2.3	2.5	4.7	48	3.3	51.4	

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:15 PM										
04:15 PM	16	195	211	8	13	21	278	16	294	526
04:30 PM	14	220	234	12	13	25	271	12	283	542
04:45 PM	19	221	240	8	20	28	268	17	285	553
05:00 PM	15	208	223	19	9	28	235	21	256	507
Total Volume	64	844	908	47	55	102	1052	66	1118	2128
% App. Total	7	93		46.1	53.9		94.1	5.9		
PHF	.842	.955	.946	.618	.688	.911	.946	.786	.951	.962

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVPM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 2



Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:15 PM			04:15 PM			04:15 PM		
+0 mins.	16	195	211	8	13	21	278	16	294
+15 mins.	14	220	234	12	13	25	271	12	283
+30 mins.	19	221	240	8	20	28	268	17	285
+45 mins.	15	208	223	19	9	28	235	21	256
Total Volume	64	844	908	47	55	102	1052	66	1118
% App. Total	7	93		46.1	53.9		94.1	5.9	
PHF	.842	.955	.946	.618	.688	.911	.946	.786	.951

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVPM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 1

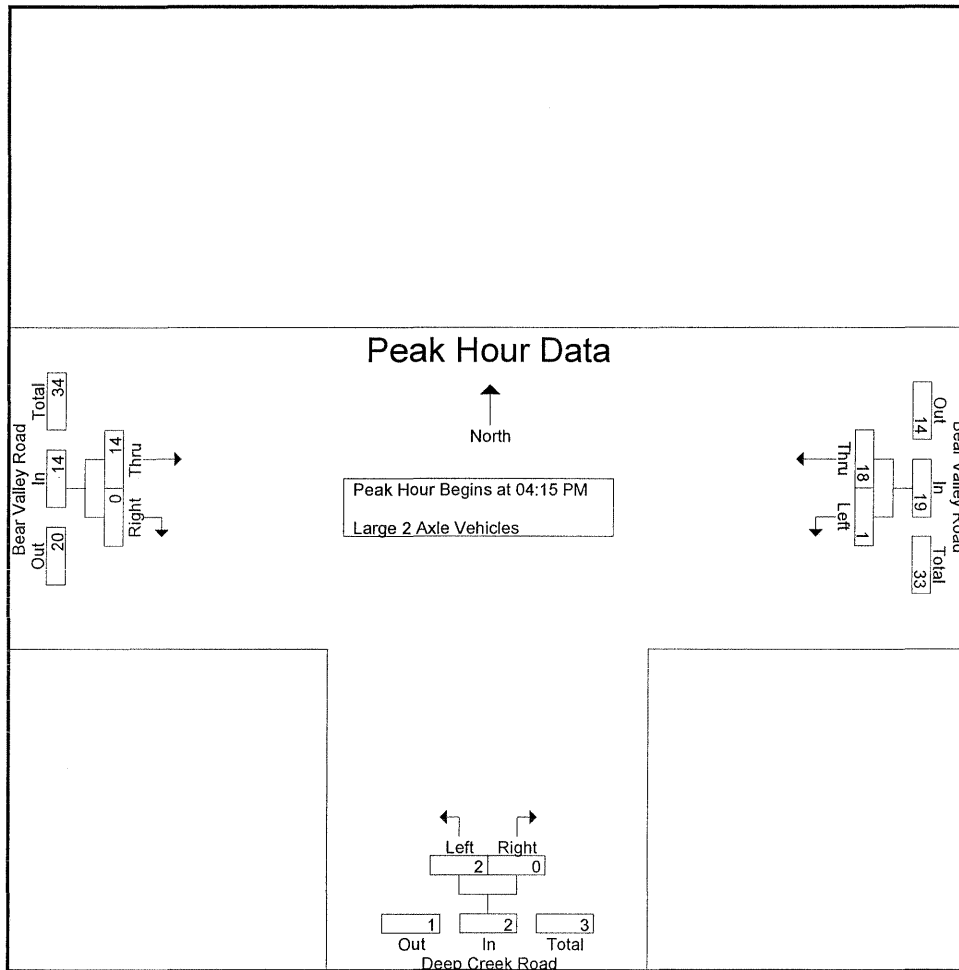
Groups Printed- Large 2 Axle Vehicles

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
04:00 PM	0	2	2	0	1	1	4	1	5	8
04:15 PM	0	5	5	1	0	1	4	0	4	10
04:30 PM	1	8	9	1	0	1	3	0	3	13
04:45 PM	0	2	2	0	0	0	3	0	3	5
Total	1	17	18	2	1	3	14	1	15	36
05:00 PM	0	3	3	0	0	0	4	0	4	7
05:15 PM	2	3	5	0	1	1	1	1	2	8
05:30 PM	0	2	2	1	1	2	2	0	2	6
05:45 PM	0	3	3	0	0	0	3	0	3	6
Total	2	11	13	1	2	3	10	1	11	27
Grand Total	3	28	31	3	3	6	24	2	26	63
Apprch %	9.7	90.3		50	50		92.3	7.7		
Total %	4.8	44.4	49.2	4.8	4.8	9.5	38.1	3.2	41.3	

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:15 PM										
04:15 PM	0	5	5	1	0	1	4	0	4	10
04:30 PM	1	8	9	1	0	1	3	0	3	13
04:45 PM	0	2	2	0	0	0	3	0	3	5
05:00 PM	0	3	3	0	0	0	4	0	4	7
Total Volume	1	18	19	2	0	2	14	0	14	35
% App. Total	5.3	94.7		100	0		100	0		
PHF	.250	.563	.528	.500	.000	.500	.875	.000	.875	.673

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVPM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 2



Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:15 PM			04:15 PM			04:15 PM		
+0 mins.	0	5	5	1	0	1	4	0	4
+15 mins.	1	8	9	1	0	1	3	0	3
+30 mins.	0	2	2	0	0	0	3	0	3
+45 mins.	0	3	3	0	0	0	4	0	4
Total Volume	1	18	19	2	0	2	14	0	14
% App. Total	5.3	94.7		100	0		100	0	
PHF	.250	.563	.528	.500	.000	.500	.875	.000	.875

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVPM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 1

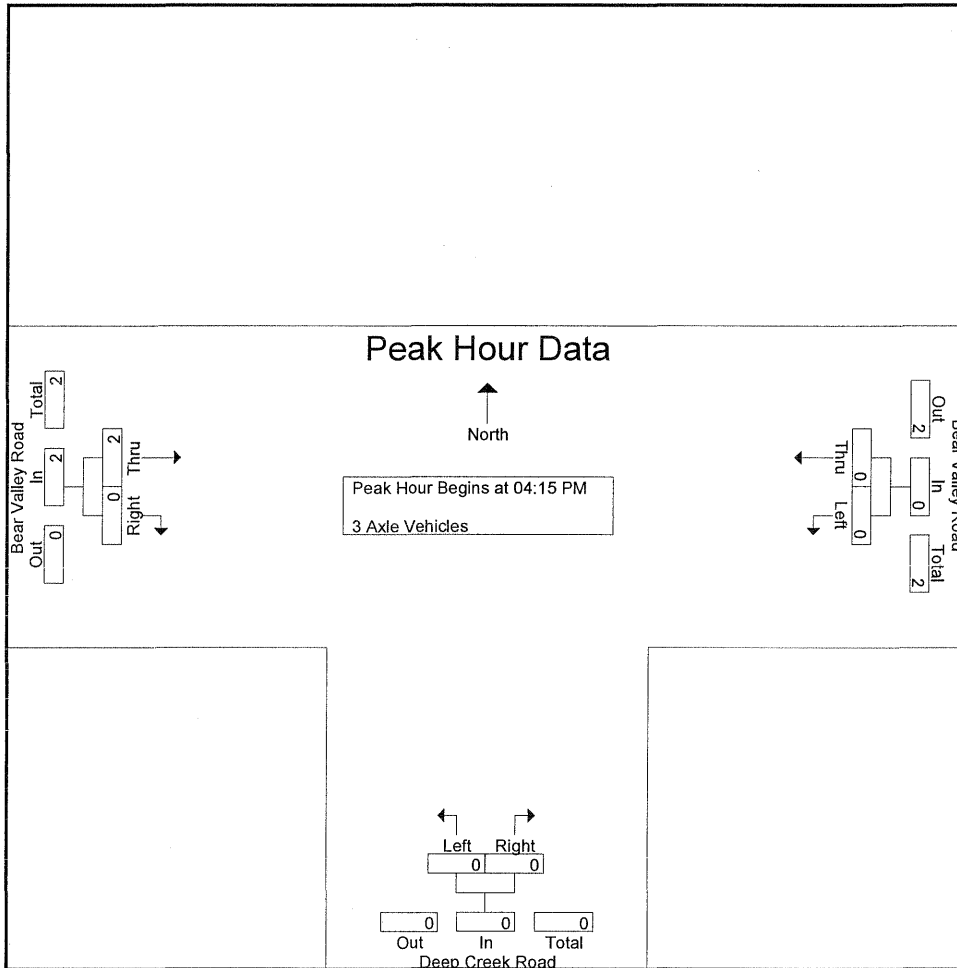
Groups Printed- 3 Axle Vehicles

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	1	0	1	1
04:15 PM	0	0	0	0	0	0	1	0	1	1
04:30 PM	0	0	0	0	0	0	1	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	3	0	3	3
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	2	0	2	2
05:30 PM	0	1	1	0	0	0	0	0	0	1
05:45 PM	0	8	8	0	0	0	0	0	0	8
Total	0	9	9	0	0	0	2	0	2	11
Grand Total	0	9	9	0	0	0	5	0	5	14
Apprch %	0	100		0	0		100	0		
Total %	0	64.3	64.3	0	0	0	35.7	0	35.7	

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:15 PM										
04:15 PM	0	0	0	0	0	0	1	0	1	1
04:30 PM	0	0	0	0	0	0	1	0	1	1
04:45 PM	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	2	0	2	2
% App. Total	0	0		0	0		100	0		
PHF	.000	.000	.000	.000	.000	.000	.500	.000	.500	.500

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVPM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 2



Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

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

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVPM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 1

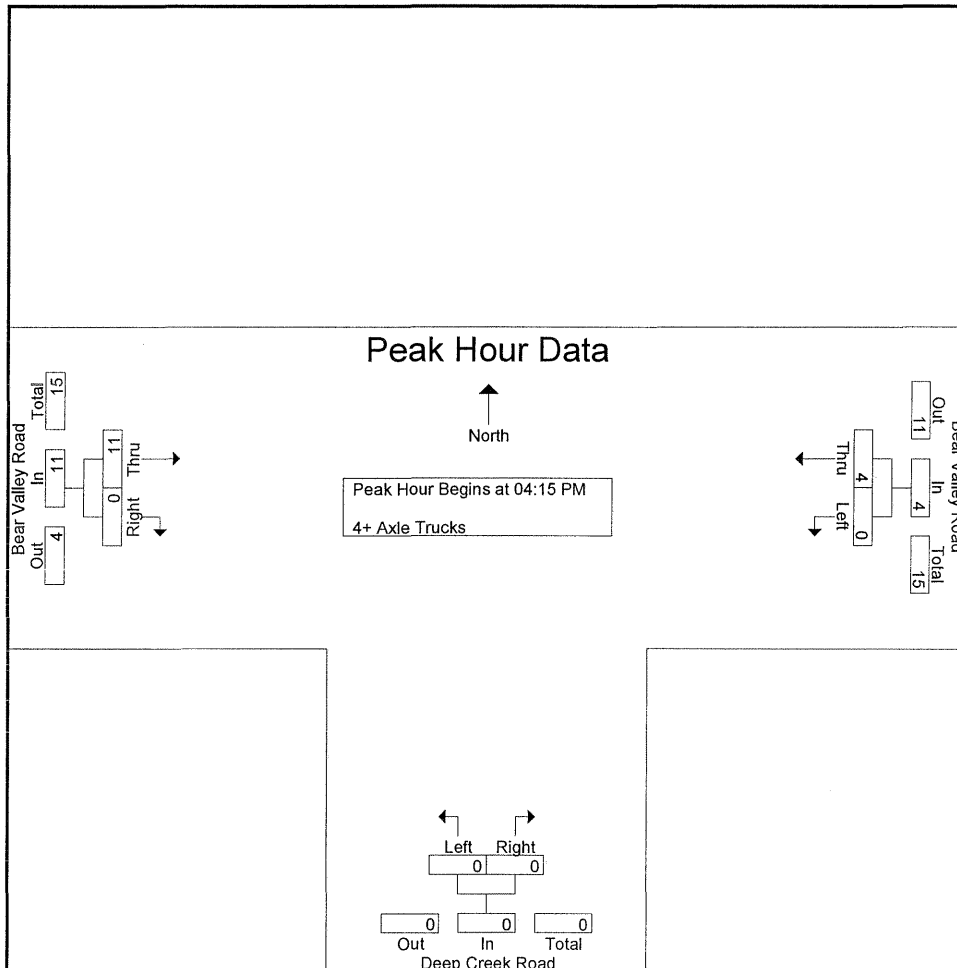
Groups Printed- 4+ Axle Trucks

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	1	0	1	1
04:15 PM	0	0	0	0	0	0	3	0	3	3
04:30 PM	0	1	1	0	0	0	3	0	3	4
04:45 PM	0	1	1	0	0	0	1	0	1	2
Total	0	2	2	0	0	0	8	0	8	10
05:00 PM	0	2	2	0	0	0	4	0	4	6
05:15 PM	0	6	6	0	0	0	3	0	3	9
05:30 PM	0	1	1	0	0	0	0	0	0	1
05:45 PM	0	2	2	0	0	0	0	0	0	2
Total	0	11	11	0	0	0	7	0	7	18
Grand Total	0	13	13	0	0	0	15	0	15	28
Apprch %	0	100		0	0		100	0		
Total %	0	46.4	46.4	0	0	0	53.6	0	53.6	

Start Time	Bear Valley Road Westbound			Deep Creek Road Northbound			Bear Valley Road Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:15 PM										
04:15 PM	0	0	0	0	0	0	3	0	3	3
04:30 PM	0	1	1	0	0	0	3	0	3	4
04:45 PM	0	1	1	0	0	0	1	0	1	2
05:00 PM	0	2	2	0	0	0	4	0	4	6
Total Volume	0	4	4	0	0	0	11	0	11	15
% App. Total	0	100		0	0		100	0		
PHF	.000	.500	.500	.000	.000	.000	.688	.000	.688	.625

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Bear Valley Road
 Weather: Sunny

File Name : AVDCBVPM
 Site Code : 05123282
 Start Date : 5/19/2007
 Page No : 2



Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:15 PM			04:15 PM			04:15 PM		
+0 mins.	0	0	0	0	0	0	3	0	3
+15 mins.	0	1	1	0	0	0	3	0	3
+30 mins.	0	1	1	0	0	0	1	0	1
+45 mins.	0	2	2	0	0	0	4	0	4
Total Volume	0	4	4	0	0	0	11	0	11
% App. Total	0	100		0	0		100	0	
PHF	.000	.500	.500	.000	.000	.000	.688	.000	.688

RAW PEAK HOUR COUNT SUMMARY

INTERSECTION 2
Deep Creek Road(NS) / Project Access / Outpost Road(E)

AM PEAK HOUR

					SOUTHBOUND									
					Total	1	97	7						
					4-Axle	0	0	0						
					3-Axle	0	0	0						
					Buses/RV's	0	12	2						
					Autos	1	85	5						
					↓ ↓ ↓									
								Autos Buses/RV's 3-Axle 4-Axle Total						
Total	4-Axle	3-Axle	Buses/RV's	Autos	↙ ↘ ↘			Autos	Buses/RV's	3-Axle	4-Axle	Total		
3	0	0	1	2	↙ ↘ ↘			0	0	0	0	0		
2	0	0	0	2	→			6	0	0	0	6		
0	0	0	0	0	↘			1	0	0	0	1		
Eastbound					↙ ↘ ↘			Westbound						
					Autos	0	76	2						
					Buses/RV's	0	7	1						
					3-Axle	0	0	0						
					4-Axle	0	0	0						
					Total	0	83	3						
					↑									
					NORTHBOUND									



INTERSECTION 2
Deep Creek Road(NS) / Project Access / Outpost Road(E)

PM PEAK HOUR

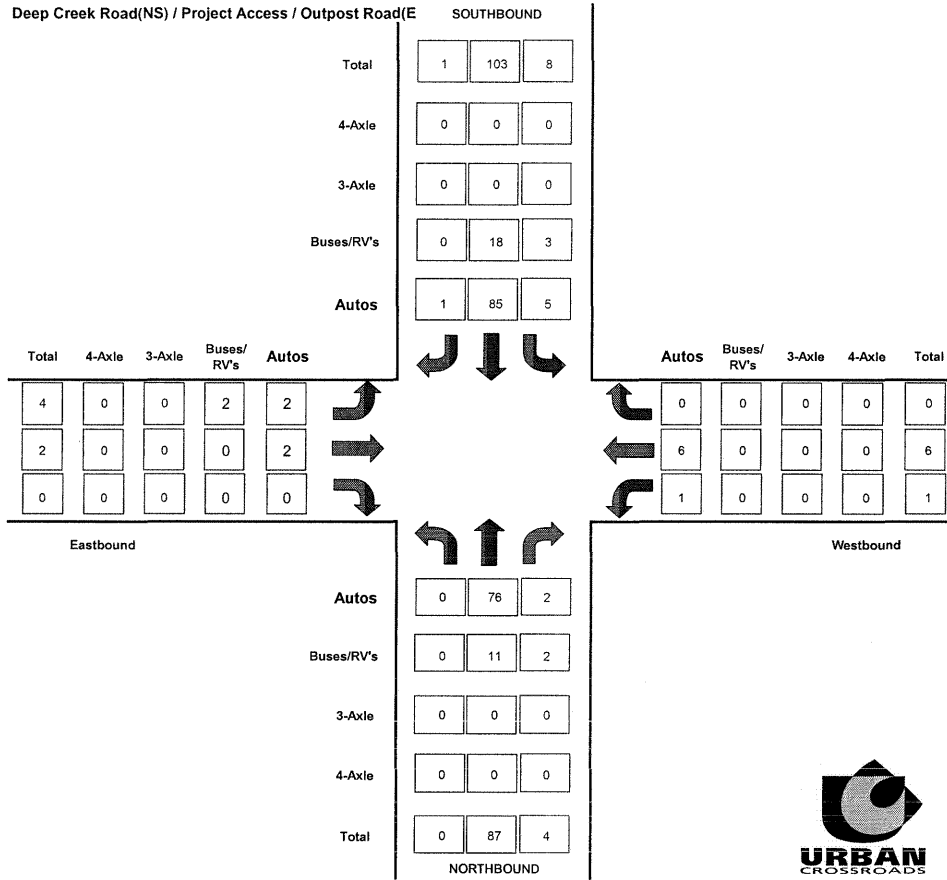
					SOUTHBOUND									
					Total	1	118	0						
					4-Axle	0	0	0						
					3-Axle	0	0	0						
					Buses/RV's	0	5	0						
					Autos	1	113	0						
					↓ ↓ ↓									
								Autos Buses/RV's 3-Axle 4-Axle Total						
Total	4-Axle	3-Axle	Buses/RV's	Autos	↙ ↘ ↘			Autos	Buses/RV's	3-Axle	4-Axle	Total		
2	0	0	0	2	↙ ↘ ↘			1	1	0	0	2		
0	0	0	0	0	→			0	0	0	0	0		
0	0	0	0	0	↘			0	0	1	0	1		
Eastbound					↙ ↘ ↘			Westbound						
					Autos	0	91	0						
					Buses/RV's	0	7	0						
					3-Axle	0	0	2						
					4-Axle	0	0	0						
					Total	0	98	2						
					↑									
					NORTHBOUND									



PASSENGER CAR EQUIVALENCY PEAK HOUR COUNT SUMMARY

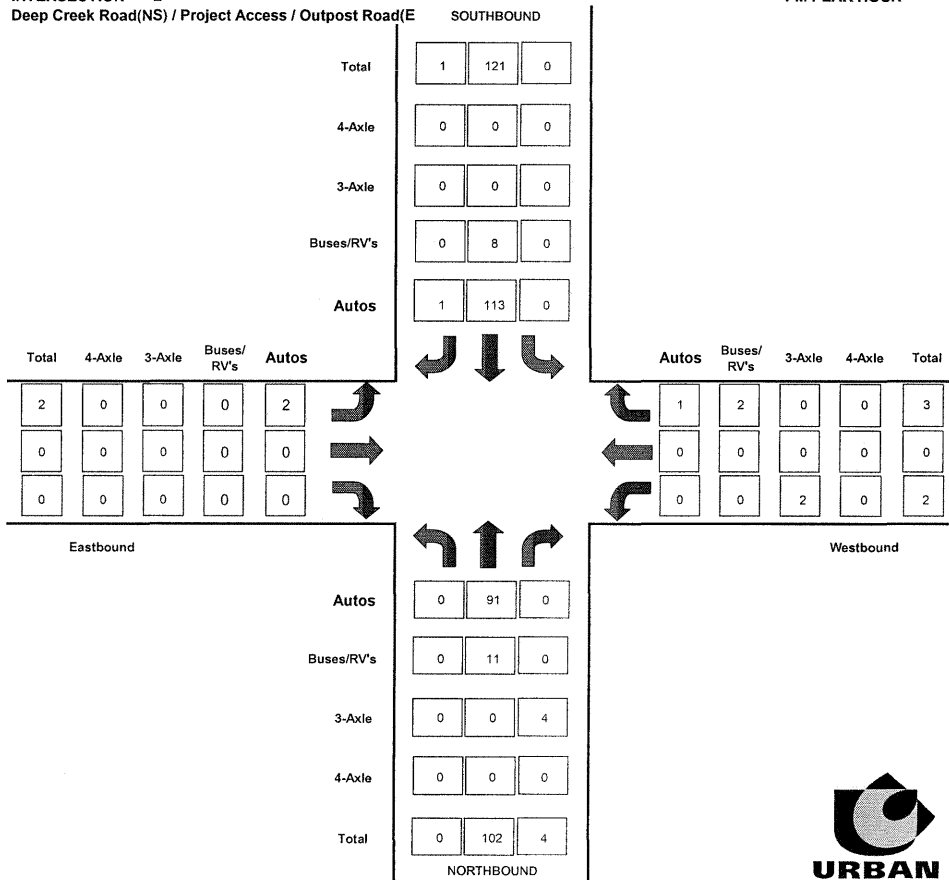
INTERSECTION 2
Deep Creek Road(NS) / Project Access / Outpost Road(E)

AM PEAK HOUR



INTERSECTION 2
Deep Creek Road(NS) / Project Access / Outpost Road(E)

PM PEAK HOUR



2

Counts Unlimited Inc.
 25424 Jaclyn Avenue
 Moreno Valley, CA 92557
 951-247-6716

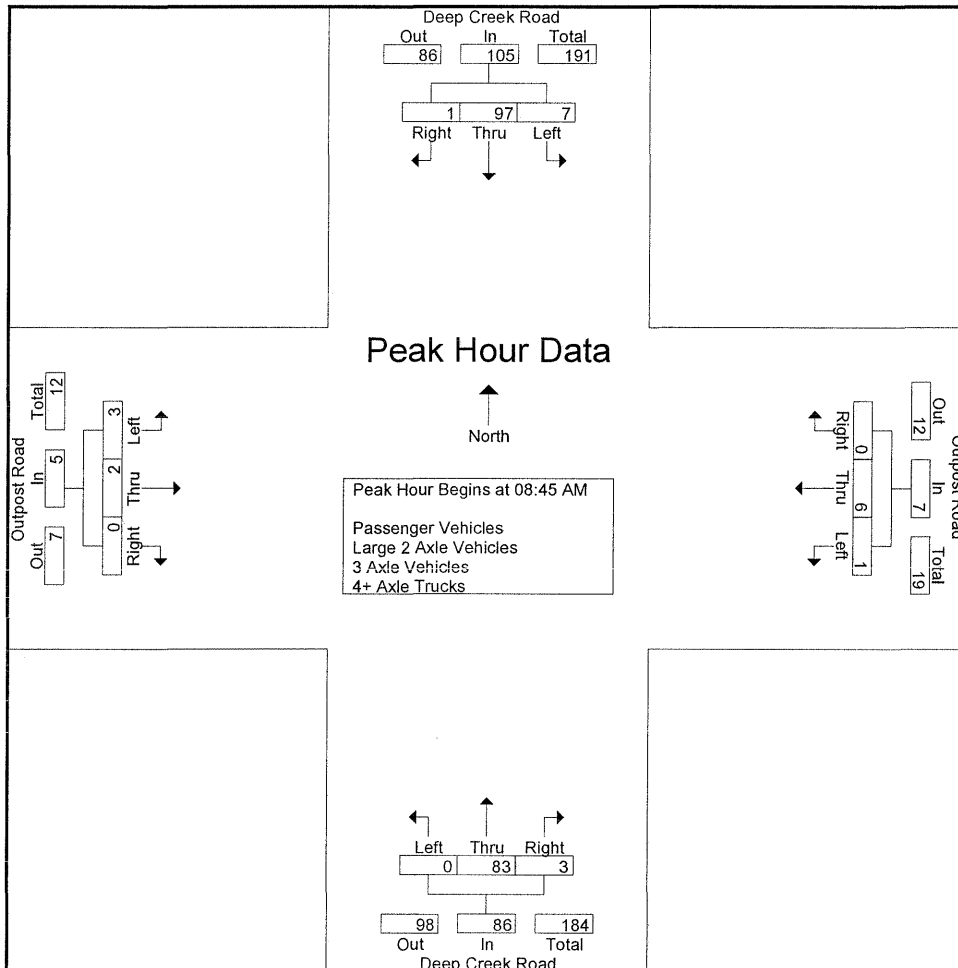
City of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOAM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 1

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

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
08:00 AM	0	23	0	23	0	0	0	0	1	19	0	20	0	0	0	0	43
08:15 AM	0	25	0	25	1	0	0	1	0	29	0	29	0	0	0	0	55
08:30 AM	1	18	0	19	0	0	0	0	0	23	1	24	0	0	0	0	43
08:45 AM	0	24	1	25	0	0	0	0	0	21	0	21	1	0	0	1	47
Total	1	90	1	92	1	0	0	1	1	92	1	94	1	0	0	1	188
09:00 AM	4	27	0	31	0	0	0	0	0	21	2	23	1	0	0	1	55
09:15 AM	1	17	0	18	1	0	0	1	0	23	0	23	0	0	0	0	42
09:30 AM	2	29	0	31	0	6	0	6	0	18	1	19	1	2	0	3	59
09:45 AM	0	13	0	13	0	0	3	3	0	19	0	19	0	0	0	0	35
Total	7	86	0	93	1	6	3	10	0	81	3	84	2	2	0	4	191
Grand Total	8	176	1	185	2	6	3	11	1	173	4	178	3	2	0	5	379
Apprch %	4.3	95.1	0.5		18.2	54.5	27.3		0.6	97.2	2.2		60	40	0		
Total %	2.1	46.4	0.3	48.8	0.5	1.6	0.8	2.9	0.3	45.6	1.1	47	0.8	0.5	0	1.3	
Passenger Vehicles	5	162	1	168	2	6	2	10	1	163	3	167	2	2	0	4	349
% Passenger Vehicles	62.5	92	100	90.8	100	100	66.7	90.9	100	94.2	75	93.8	66.7	100	0	80	92.1
Large 2 Axle Vehicles	2	13	0	15	0	0	1	1	0	9	1	10	1	0	0	1	27
% Large 2 Axle Vehicles	25	7.4	0	8.1	0	0	33.3	9.1	0	5.2	25	5.6	33.3	0	0	20	7.1
3 Axle Vehicles	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
% 3 Axle Vehicles	12.5	0.6	0	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0.5
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0.6	0	0.6	0	0	0	0	0.3

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:45 AM																	
08:45 AM	0	24	1	25	0	0	0	0	0	21	0	21	1	0	0	1	47
09:00 AM	4	27	0	31	0	0	0	0	0	21	2	23	1	0	0	1	55
09:15 AM	1	17	0	18	1	0	0	1	0	23	0	23	0	0	0	0	42
09:30 AM	2	29	0	31	0	6	0	6	0	18	1	19	1	2	0	3	59
Total Volume	7	97	1	105	1	6	0	7	0	83	3	86	3	2	0	5	203
% App. Total	6.7	92.4	1		14.3	85.7	0		0	96.5	3.5		60	40	0		
PHF	.438	.836	.250	.847	.250	.250	.000	.292	.000	.902	.375	.935	.750	.250	.000	.417	.860



Peak Hour Analysis From 08:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:45 AM				09:00 AM				08:15 AM				08:45 AM			
+0 mins.	0	24	1	25	0	0	0	0	0	29	0	29	1	0	0	1
+15 mins.	4	27	0	31	1	0	0	1	0	23	1	24	1	0	0	1
+30 mins.	1	17	0	18	0	6	0	6	0	21	0	21	0	0	0	0
+45 mins.	2	29	0	31	0	0	3	3	0	21	2	23	1	2	0	3
Total Volume	7	97	1	105	1	6	3	10	0	94	3	97	3	2	0	5
% App. Total	6.7	92.4	1		10	60	30		0	96.9	3.1		60	40	0	
PHF	.438	.836	.250	.847	.250	.250	.250	.417	.000	.810	.375	.836	.750	.250	.000	.417

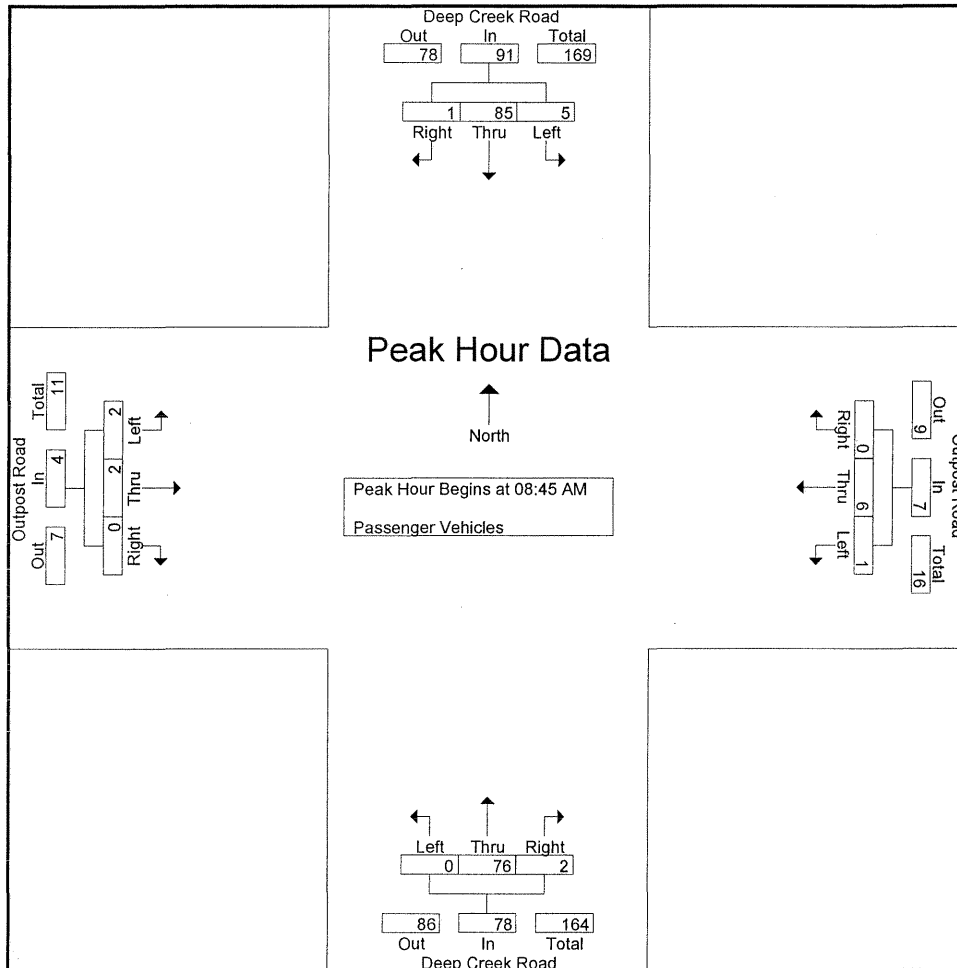
City of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
08:00 AM	0	21	0	21	0	0	0	0	1	17	0	18	0	0	0	0	39
08:15 AM	0	25	0	25	1	0	0	1	0	28	0	28	0	0	0	0	54
08:30 AM	0	18	0	18	0	0	0	0	0	23	1	24	0	0	0	0	42
08:45 AM	0	23	1	24	0	0	0	0	0	19	0	19	0	0	0	0	43
Total	0	87	1	88	1	0	0	1	1	87	1	89	0	0	0	0	178
09:00 AM	3	22	0	25	0	0	0	0	0	20	1	21	1	0	0	1	47
09:15 AM	0	14	0	14	1	0	0	1	0	20	0	20	0	0	0	0	35
09:30 AM	2	26	0	28	0	6	0	6	0	17	1	18	1	2	0	3	55
09:45 AM	0	13	0	13	0	0	2	2	0	19	0	19	0	0	0	0	34
Total	5	75	0	80	1	6	2	9	0	76	2	78	2	2	0	4	171
Grand Total	5	162	1	168	2	6	2	10	1	163	3	167	2	2	0	4	349
Apprch %	3	96.4	0.6		20	60	20		0.6	97.6	1.8		50	50	0		
Total %	1.4	46.4	0.3	48.1	0.6	1.7	0.6	2.9	0.3	46.7	0.9	47.9	0.6	0.6	0	1.1	

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:45 AM to 09:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:45 AM																	
08:45 AM	0	23	1	24	0	0	0	0	0	19	0	19	0	0	0	0	43
09:00 AM	3	22	0	25	0	0	0	0	0	20	1	21	1	0	0	1	47
09:15 AM	0	14	0	14	1	0	0	1	0	20	0	20	0	0	0	0	35
09:30 AM	2	26	0	28	0	6	0	6	0	17	1	18	1	2	0	3	55
Total Volume	5	85	1	91	1	6	0	7	0	76	2	78	2	2	0	4	180
% App. Total	5.5	93.4	1.1		14.3	85.7	0		0	97.4	2.6		50	50	0		
PHF	.417	.817	.250	.813	.250	.250	.000	.292	.000	.950	.500	.929	.500	.250	.000	.333	.818



Peak Hour Analysis From 08:45 AM to 09:30 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:45 AM				08:45 AM				08:45 AM				08:45 AM			
+0 mins.	0	23	1	24	0	0	0	0	0	19	0	19	0	0	0	0
+15 mins.	3	22	0	25	0	0	0	0	0	20	1	21	1	0	0	1
+30 mins.	0	14	0	14	1	0	0	1	0	20	0	20	0	0	0	0
+45 mins.	2	26	0	28	0	6	0	6	0	17	1	18	1	2	0	3
Total Volume	5	85	1	91	1	6	0	7	0	76	2	78	2	2	0	4
% App. Total	5.5	93.4	1.1		14.3	85.7	0		0	97.4	2.6		50	50	0	
PHF	.417	.817	.250	.813	.250	.250	.000	.292	.000	.950	.500	.929	.500	.250	.000	.333

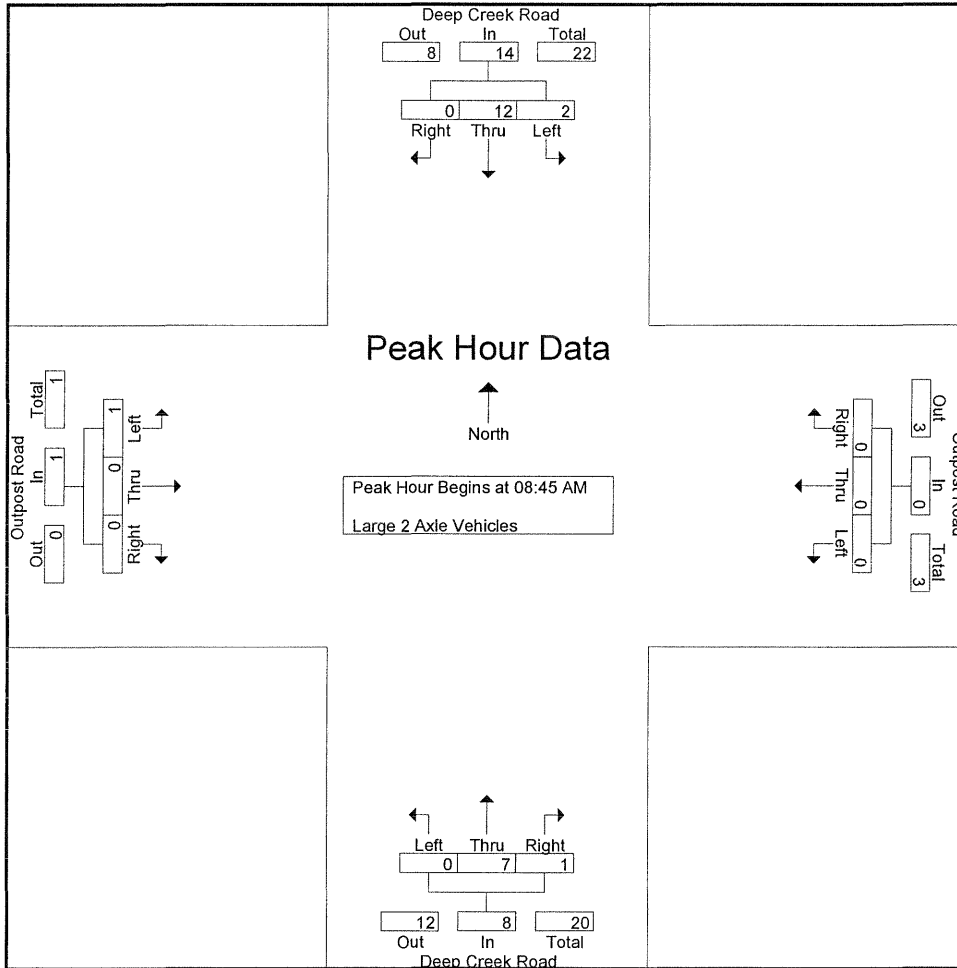
City of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUAM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- Large 2 Axle Vehicles

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
08:00 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
08:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	1	0	1	0	0	0	0	0	2	0	2	1	0	0	1	4
Total	0	2	0	2	0	0	0	0	0	4	0	4	1	0	0	1	7
09:00 AM	1	5	0	6	0	0	0	0	0	1	1	2	0	0	0	0	8
09:15 AM	1	3	0	4	0	0	0	0	0	3	0	3	0	0	0	0	7
09:30 AM	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	4
09:45 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Total	2	11	0	13	0	0	1	1	0	5	1	6	0	0	0	0	20
Grand Total	2	13	0	15	0	0	1	1	0	9	1	10	1	0	0	1	27
Apprch %	13.3	86.7	0		0	0	100		0	90	10		100	0	0		
Total %	7.4	48.1	0	55.6	0	0	3.7	3.7	0	33.3	3.7	37	3.7	0	0	3.7	

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:45 AM to 09:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:45 AM																	
08:45 AM	0	1	0	1	0	0	0	0	0	2	0	2	1	0	0	1	4
09:00 AM	1	5	0	6	0	0	0	0	0	1	1	2	0	0	0	0	8
09:15 AM	1	3	0	4	0	0	0	0	0	3	0	3	0	0	0	0	7
09:30 AM	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	4
Total Volume	2	12	0	14	0	0	0	0	0	7	1	8	1	0	0	1	23
% App. Total	14.3	85.7	0		0	0	0		0	87.5	12.5		100	0	0		
PHF	.500	.600	.000	.583	.000	.000	.000	.000	.000	.583	.250	.667	.250	.000	.000	.250	.719



Peak Hour Analysis From 08:45 AM to 09:30 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:45 AM				08:45 AM				08:45 AM				08:45 AM			
+0 mins.	0	1	0	1	0	0	0	0	0	2	0	2	1	0	0	1
+15 mins.	1	5	0	6	0	0	0	0	0	1	1	2	0	0	0	0
+30 mins.	1	3	0	4	0	0	0	0	0	3	0	3	0	0	0	0
+45 mins.	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0
Total Volume	2	12	0	14	0	0	0	0	0	7	1	8	1	0	0	1
% App. Total	14.3	85.7	0		0	0	0		0	87.5	12.5		100	0	0	
PHF	.500	.600	.000	.583	.000	.000	.000	.000	.000	.583	.250	.667	.250	.000	.000	.250

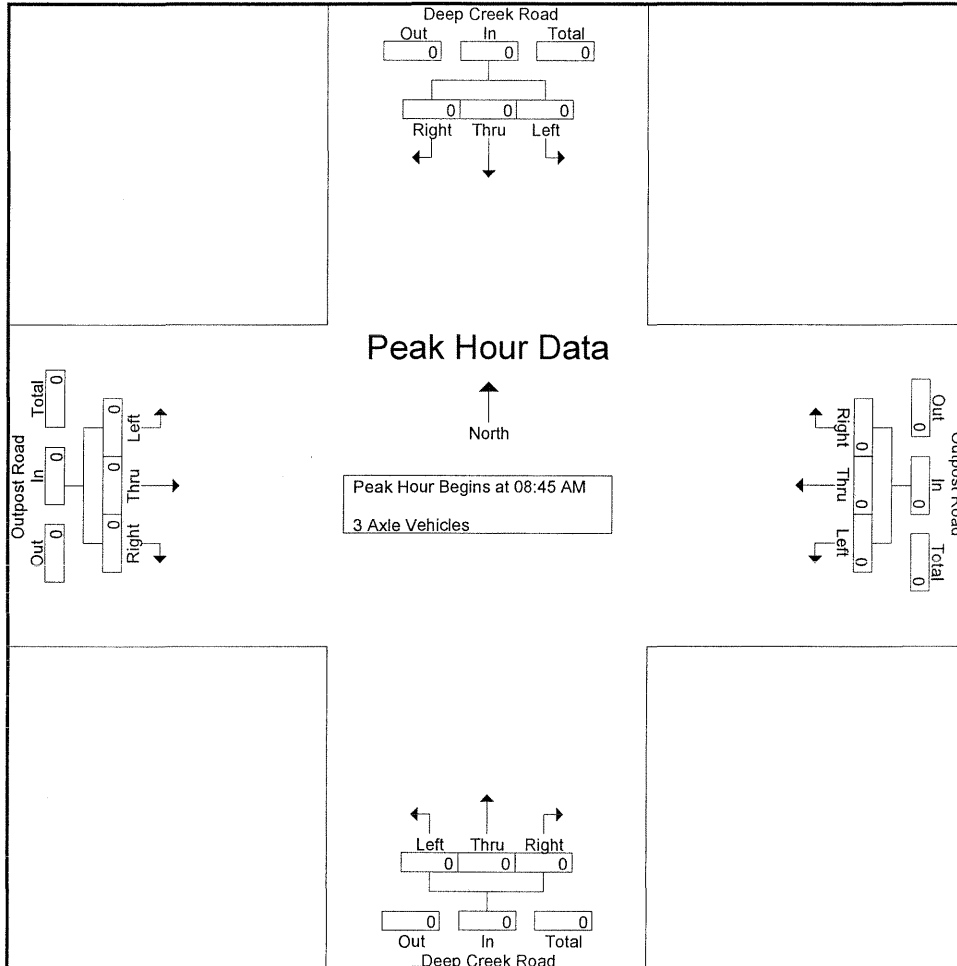
City of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUAM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- 3 Axle Vehicles

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
08:00 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	0	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	0
Grand Total	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Apprch %	50	50	0		0	0	0		0	0	0		0	0	0			
Total %	50	50	0	100	0	0	0		0	0	0		0	0	0			

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 08:45 AM to 09:30 AM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 08:45 AM																		
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0			
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000



Peak Hour Analysis From 08:45 AM to 09:30 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:45 AM				08:45 AM				08:45 AM				08:45 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

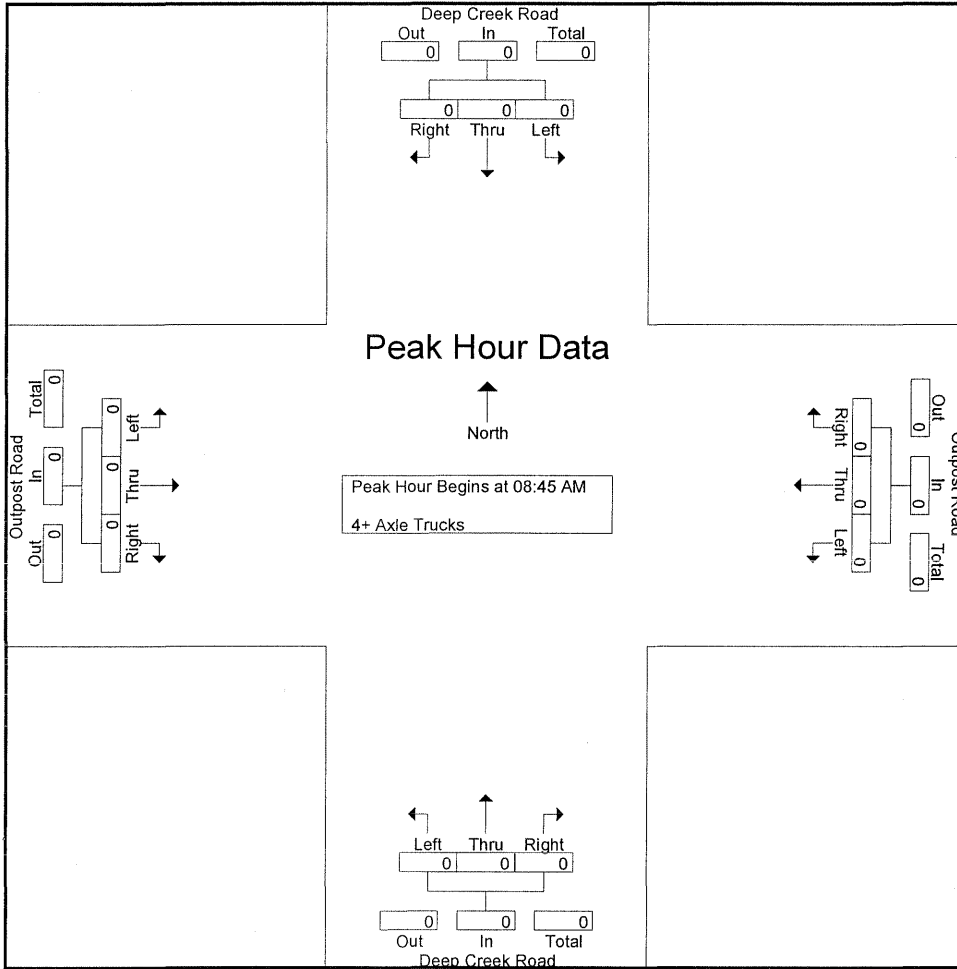
City of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUAM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- 4+ Axle Trucks

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
08:00 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 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	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Apprch %	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	0	
Total %	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	0	

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:45 AM to 09:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:45 AM																	
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000



Peak Hour Analysis From 08:45 AM to 09:30 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:45 AM				08:45 AM				08:45 AM				08:45 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUPM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 1

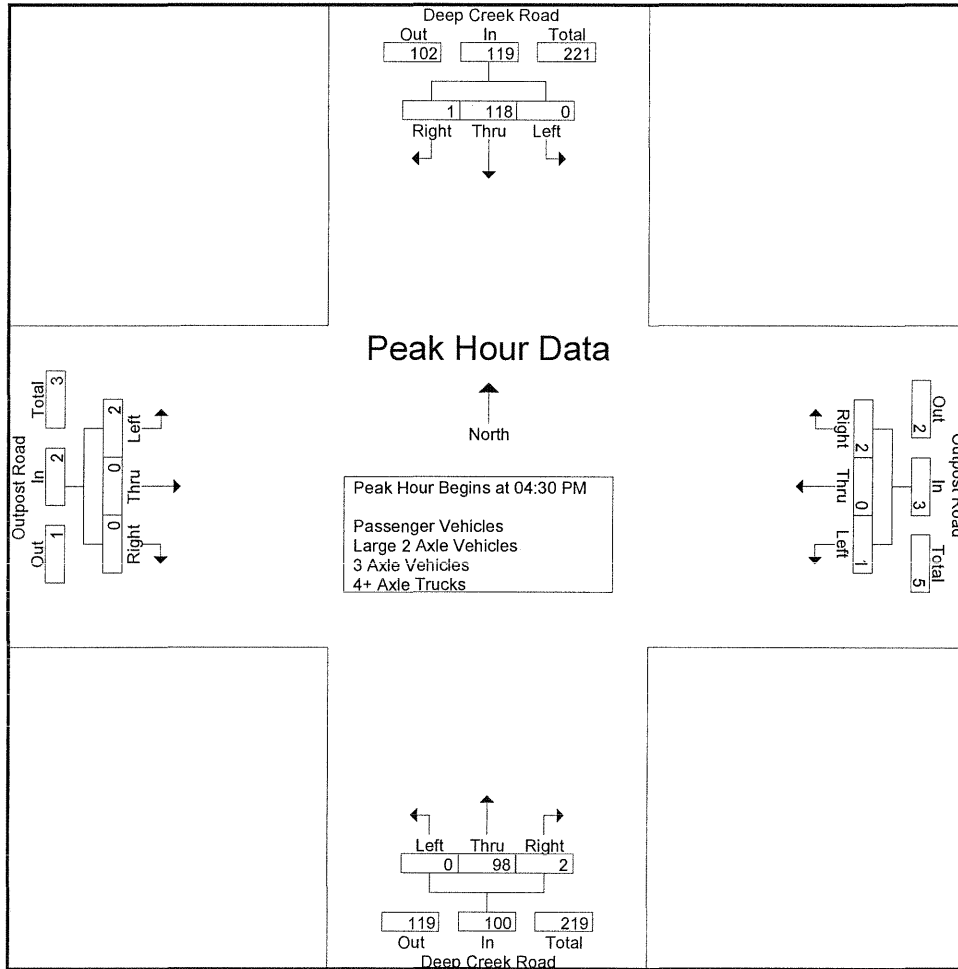
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road 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	1	19	0	20	1	1	0	2	0	20	1	21	0	0	1	1	44
04:15 PM	1	34	0	35	3	0	0	3	0	19	0	19	1	0	0	1	58
04:30 PM	0	24	0	24	1	0	0	1	0	28	1	29	0	0	0	0	54
04:45 PM	0	30	1	31	0	0	0	0	0	20	0	20	0	0	0	0	51
Total	2	107	1	110	5	1	0	6	0	87	2	89	1	0	1	2	207
05:00 PM	0	32	0	32	0	0	2	2	0	21	1	22	1	0	0	1	57
05:15 PM	0	32	0	32	0	0	0	0	0	29	0	29	1	0	0	1	62
05:30 PM	1	20	2	23	0	2	1	3	0	20	0	20	0	0	0	0	46
05:45 PM	0	27	0	27	0	0	0	0	0	22	0	22	0	0	0	0	49
Total	1	111	2	114	0	2	3	5	0	92	1	93	2	0	0	2	214
Grand Total	3	218	3	224	5	3	3	11	0	179	3	182	3	0	1	4	421
Apprch %	1.3	97.3	1.3		45.5	27.3	27.3		0	98.4	1.6		75	0	25		
Total %	0.7	51.8	0.7	53.2	1.2	0.7	0.7	2.6	0	42.5	0.7	43.2	0.7	0	0.2	1	
Passenger Vehicles	2	210	2	214	2	3	1	6	0	170	0	170	3	0	1	4	394
% Passenger Vehicles	66.7	96.3	66.7	95.5	40	100	33.3	54.5	0	95	0	93.4	100	0	100	100	93.6
Large 2 Axle Vehicles	1	8	1	10	1	0	1	2	0	9	0	9	0	0	0	0	21
% Large 2 Axle Vehicles	33.3	3.7	33.3	4.5	20	0	33.3	18.2	0	5	0	4.9	0	0	0	0	5
3 Axle Vehicles	0	0	0	0	2	0	1	3	0	0	3	3	0	0	0	0	6
% 3 Axle Vehicles	0	0	0	0	40	0	33.3	27.3	0	0	100	1.6	0	0	0	0	1.4
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	24	0	24	1	0	0	1	0	28	1	29	0	0	0	0	54
04:45 PM	0	30	1	31	0	0	0	0	0	20	0	20	0	0	0	0	51
05:00 PM	0	32	0	32	0	0	2	2	0	21	1	22	1	0	0	1	57
05:15 PM	0	32	0	32	0	0	0	0	0	29	0	29	1	0	0	1	62
Total Volume	0	118	1	119	1	0	2	3	0	98	2	100	2	0	0	2	224
% App. Total	0	99.2	0.8		33.3	0	66.7		0	98	2		100	0	0		
PHF	.000	.922	.250	.930	.250	.000	.250	.375	.000	.845	.500	.862	.500	.000	.000	.500	.903

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUPM
 Site Code : 05123261
 Start Date : 5/19/2007
 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:

	04:15 PM				04:00 PM				04:30 PM				04:00 PM			
+0 mins.	1	34	0	35	1	1	0	2	0	28	1	29	0	0	1	1
+15 mins.	0	24	0	24	3	0	0	3	0	20	0	20	1	0	0	1
+30 mins.	0	30	1	31	1	0	0	1	0	21	1	22	0	0	0	0
+45 mins.	0	32	0	32	0	0	0	0	0	29	0	29	0	0	0	0
Total Volume	1	120	1	122	5	1	0	6	0	98	2	100	1	0	1	2
% App. Total	0.8	98.4	0.8		83.3	16.7	0		0	98	2		50	0	50	
PHF	.250	.882	.250	.871	.417	.250	.000	.500	.000	.845	.500	.862	.250	.000	.250	.500

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUPM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 1

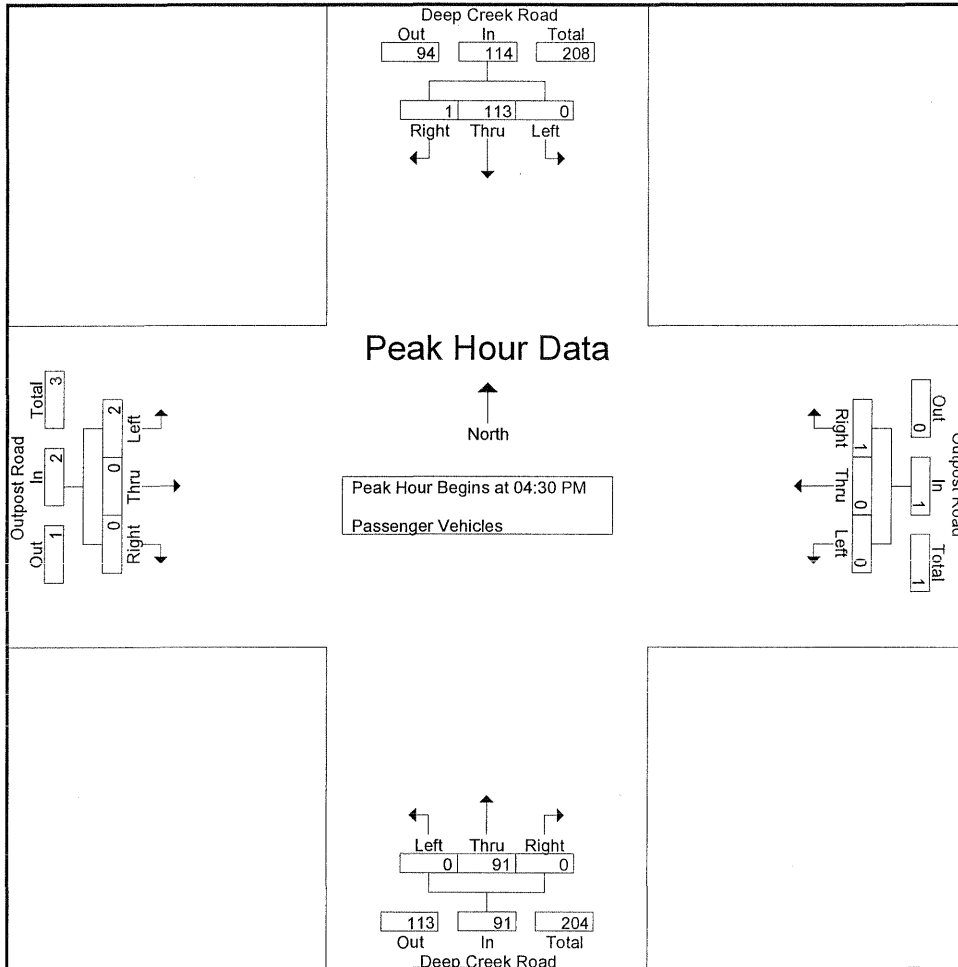
Groups Printed- Passenger Vehicles

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road 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	1	17	0	18	0	1	0	1	0	19	0	19	0	0	1	1	39
04:15 PM	0	33	0	33	2	0	0	2	0	18	0	18	1	0	0	1	54
04:30 PM	0	20	0	20	0	0	0	0	0	27	0	27	0	0	0	0	47
04:45 PM	0	30	1	31	0	0	0	0	0	19	0	19	0	0	0	0	50
Total	1	100	1	102	2	1	0	3	0	83	0	83	1	0	1	2	190
05:00 PM	0	31	0	31	0	0	1	1	0	19	0	19	1	0	0	1	52
05:15 PM	0	32	0	32	0	0	0	0	0	26	0	26	1	0	0	1	59
05:30 PM	1	20	1	22	0	2	0	2	0	20	0	20	0	0	0	0	44
05:45 PM	0	27	0	27	0	0	0	0	0	22	0	22	0	0	0	0	49
Total	1	110	1	112	0	2	1	3	0	87	0	87	2	0	0	2	204
Grand Total	2	210	2	214	2	3	1	6	0	170	0	170	3	0	1	4	394
Apprch %	0.9	98.1	0.9		33.3	50	16.7		0	100	0		75	0	25		
Total %	0.5	53.3	0.5	54.3	0.5	0.8	0.3	1.5	0	43.1	0	43.1	0.8	0	0.3	1	

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	20	0	20	0	0	0	0	0	27	0	27	0	0	0	0	47
04:45 PM	0	30	1	31	0	0	0	0	0	19	0	19	0	0	0	0	50
05:00 PM	0	31	0	31	0	0	1	1	0	19	0	19	1	0	0	1	52
05:15 PM	0	32	0	32	0	0	0	0	0	26	0	26	1	0	0	1	59
Total Volume	0	113	1	114	0	0	1	1	0	91	0	91	2	0	0	2	208
% App. Total	0	99.1	0.9		0	0	100		0	100	0		100	0	0		
PHF	.000	.883	.250	.891	.000	.000	.250	.250	.000	.843	.000	.843	.500	.000	.000	.500	.881

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUPM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 2



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

Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	20	0	20	0	0	0	0	0	27	0	27	0	0	0	0
+15 mins.	0	30	1	31	0	0	0	0	0	19	0	19	0	0	0	0
+30 mins.	0	31	0	31	0	0	1	1	0	19	0	19	1	0	0	1
+45 mins.	0	32	0	32	0	0	0	0	0	26	0	26	1	0	0	1
Total Volume	0	113	1	114	0	0	1	1	0	91	0	91	2	0	0	2
% App. Total	0	99.1	0.9		0	0	100		0	100	0		100	0	0	
PHF	.000	.883	.250	.891	.000	.000	.250	.250	.000	.843	.000	.843	.500	.000	.000	.500

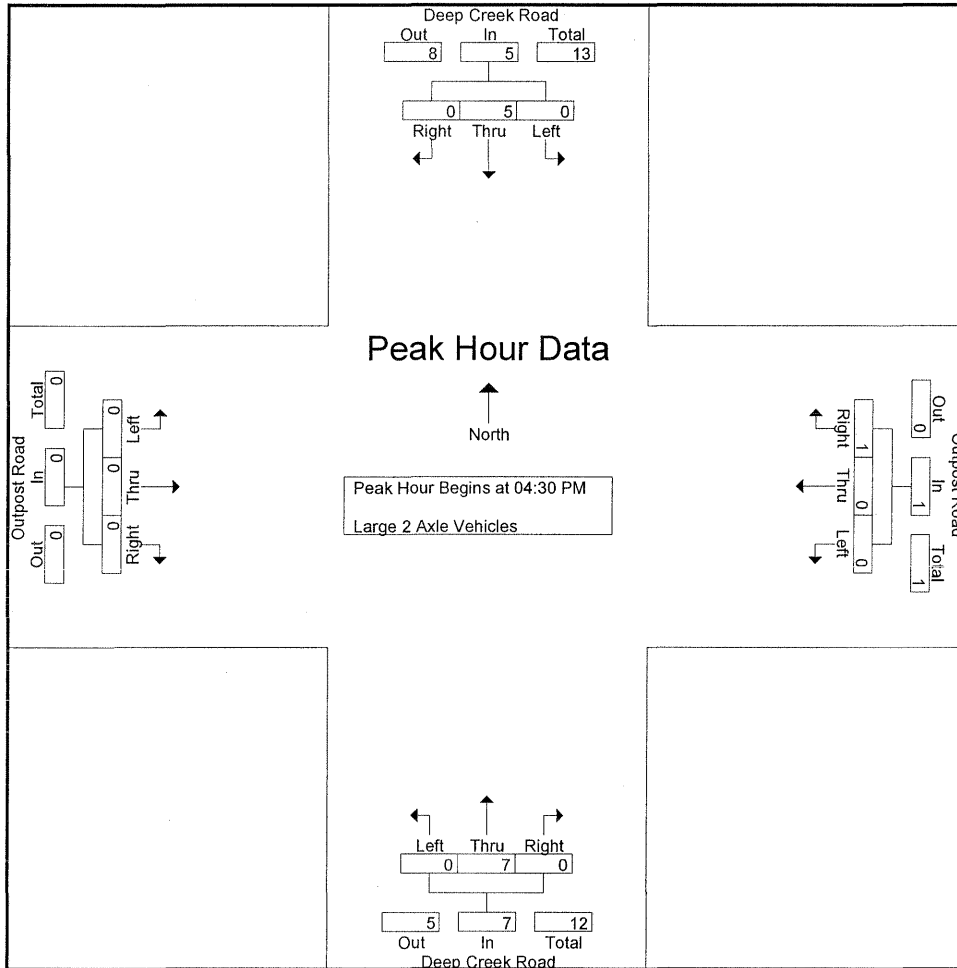
Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUPM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- Large 2 Axle Vehicles

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road 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	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
04:15 PM	1	1	0	2	1	0	0	1	0	1	0	1	0	0	0	0	4
04:30 PM	0	4	0	4	0	0	0	0	0	1	0	1	0	0	0	0	5
04:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Total	1	7	0	8	1	0	0	1	0	4	0	4	0	0	0	0	13
05:00 PM	0	1	0	1	0	0	1	1	0	2	0	2	0	0	0	0	4
05:15 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	3
05:30 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	1	2	0	0	1	1	0	5	0	5	0	0	0	0	8
Grand Total	1	8	1	10	1	0	1	2	0	9	0	9	0	0	0	0	21
Apprch %	10	80	10		50	0	50		0	100	0		0	0	0		
Total %	4.8	38.1	4.8	47.6	4.8	0	4.8	9.5	0	42.9	0	42.9	0	0	0	0	

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	4	0	4	0	0	0	0	0	1	0	1	0	0	0	0	5
04:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
05:00 PM	0	1	0	1	0	0	1	1	0	2	0	2	0	0	0	0	4
05:15 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	3
Total Volume	0	5	0	5	0	0	1	1	0	7	0	7	0	0	0	0	13
% App. Total	0	100	0		0	0	100		0	100	0		0	0	0		
PHF	.000	.313	.000	.313	.000	.000	.250	.250	.000	.583	.000	.583	.000	.000	.000	.000	.650



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	4	0	4	0	0	0	0	0	1	0	1	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
+30 mins.	0	1	0	1	0	0	1	1	0	2	0	2	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0
Total Volume	0	5	0	5	0	0	1	1	0	7	0	7	0	0	0	0
% App. Total	0	100	0		0	0	100		0	100	0		0	0	0	
PHF	.000	.313	.000	.313	.000	.000	.250	.250	.000	.583	.000	.583	.000	.000	.000	.000

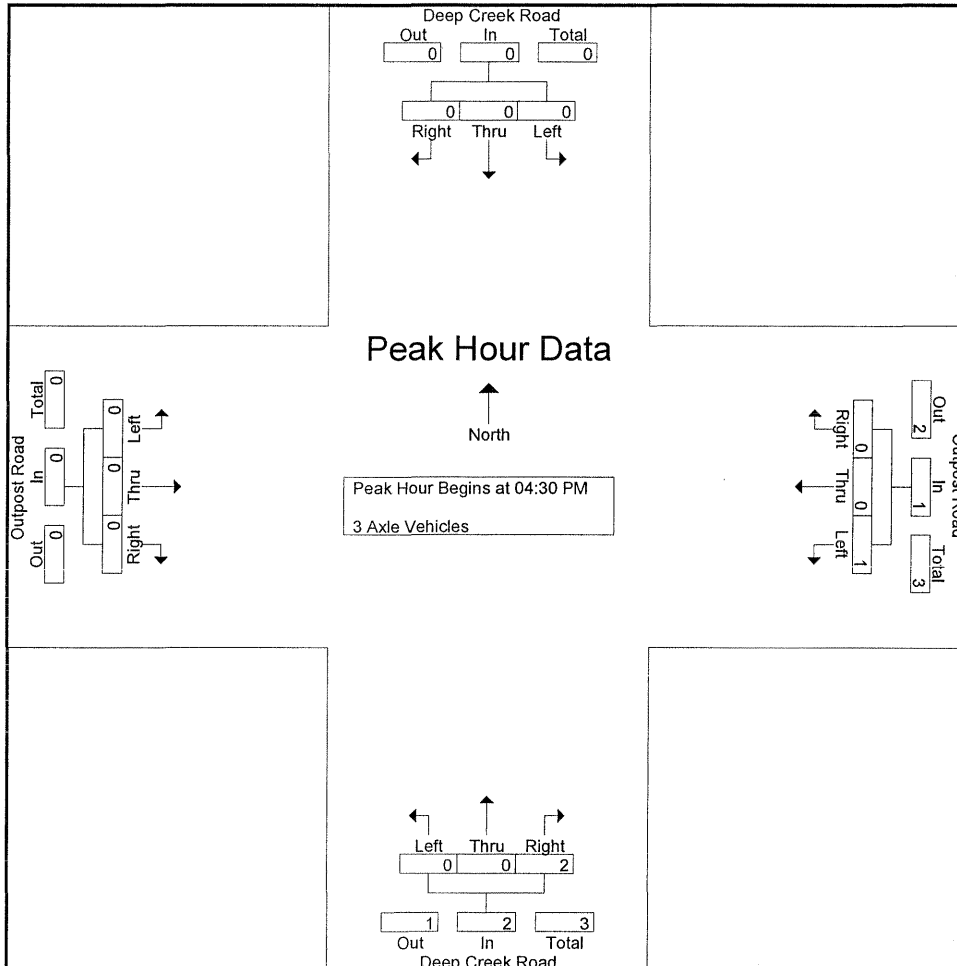
Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUPM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- 3 Axle Vehicles

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road 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	1	0	0	1	0	0	1	1	0	0	0	0	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	1	0	0	1	0	0	1	1	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	2	0	0	2	0	0	2	2	0	0	0	0	4
05:00 PM	0	0	0	0	0	0	0	0	0	0	1	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
05:30 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	2
Grand Total	0	0	0	0	2	0	1	3	0	0	3	3	0	0	0	0	6
Apprch %	0	0	0		66.7	0	33.3		0	0	100		0	0	0		
Total %	0	0	0	0	33.3	0	16.7	50	0	0	50	50	0	0	0	0	

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



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

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

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUPM
 Site Code : 05123261
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- 4+ Axle Trucks

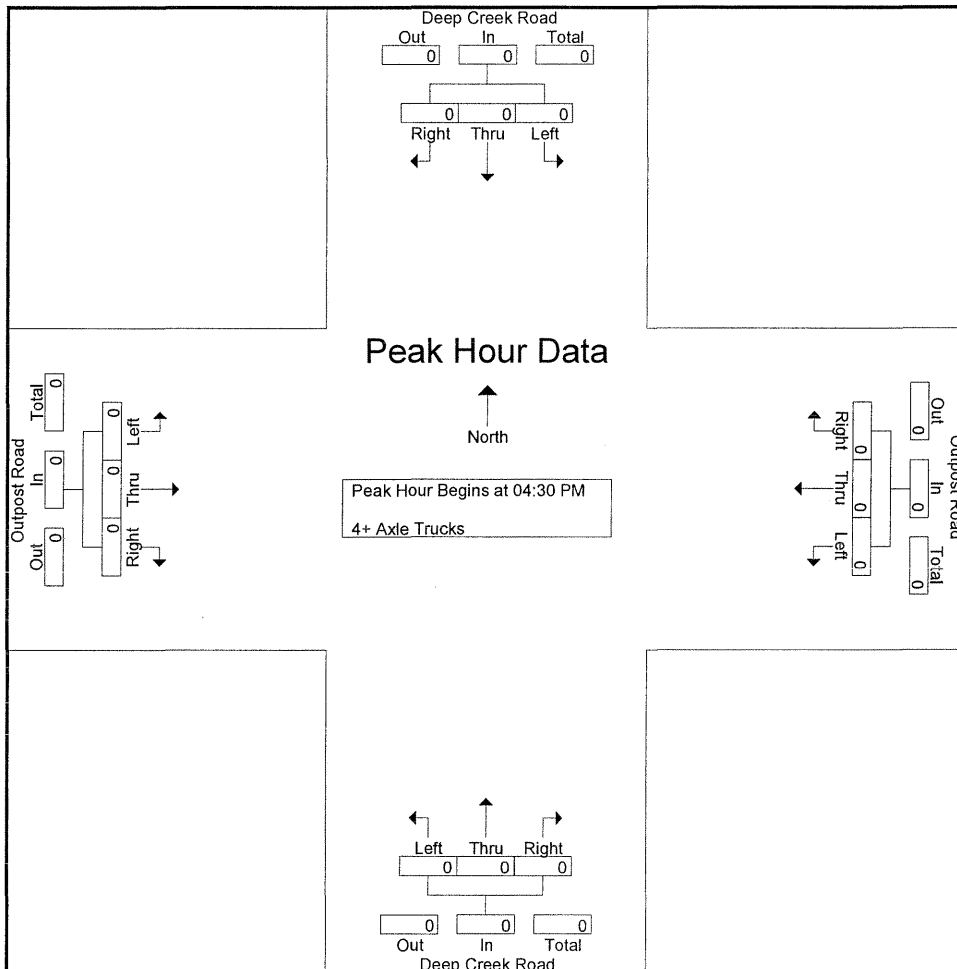
Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	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
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0		0	0	0		0	0	0		0	0	0		
Total %																	

Start Time	Deep Creek Road Southbound				Outpost Road Westbound				Deep Creek Road Northbound				Outpost Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 04:30 PM

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Outpost Road
 Weather: Sunny

File Name : AVDCOUPM
 Site Code : 05123261
 Start Date : 5/19/2007
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Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1

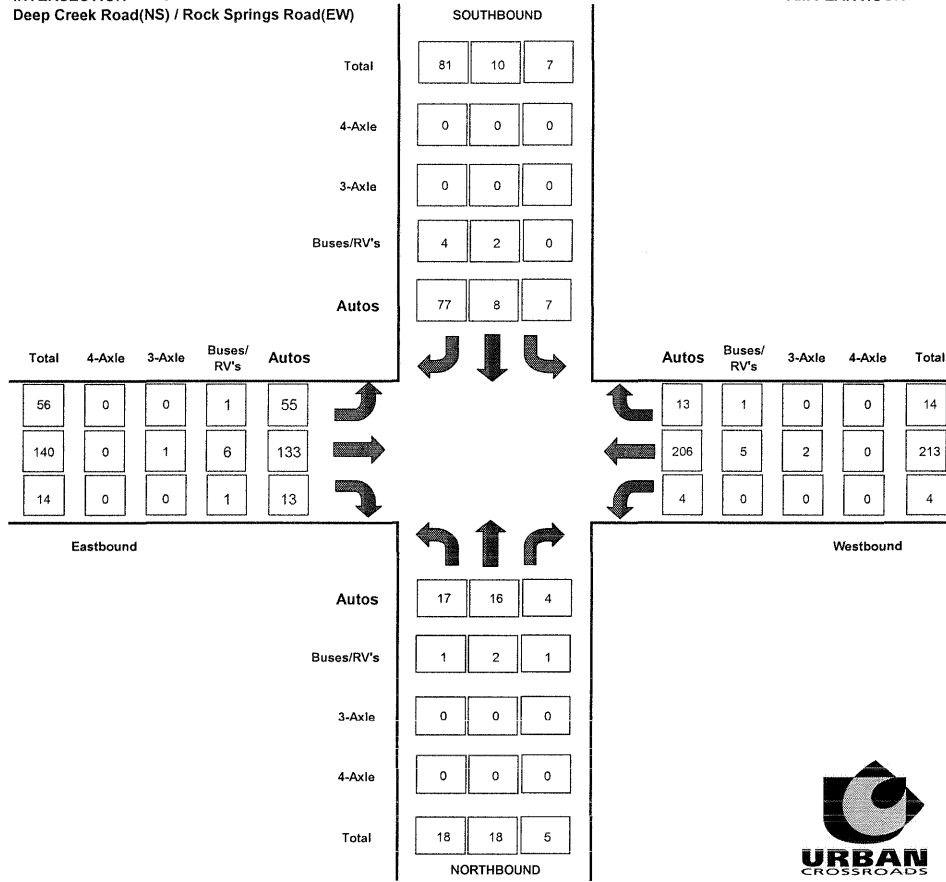
Peak Hour for Each Approach Begins at:

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

RAW PEAK HOUR COUNT SUMMARY

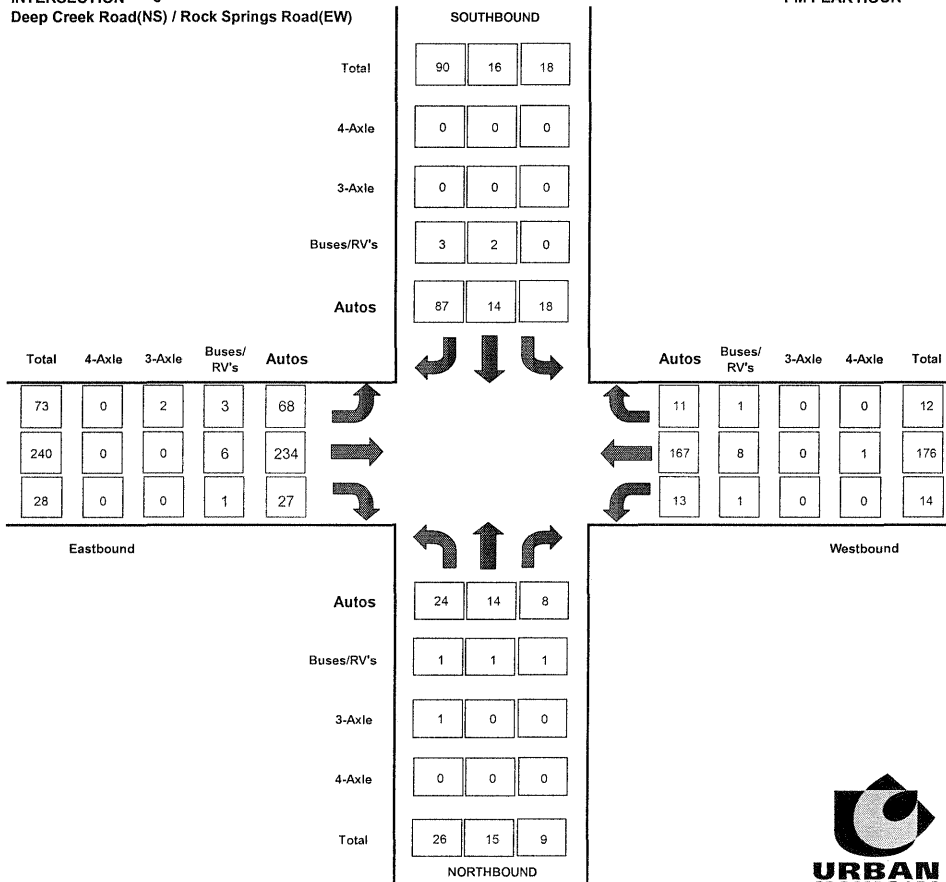
INTERSECTION 3
Deep Creek Road(NS) / Rock Springs Road(EW)

AM PEAK HOUR



INTERSECTION 3
Deep Creek Road(NS) / Rock Springs Road(EW)

PM PEAK HOUR



PASSENGER CAR EQUIVALENCY PEAK HOUR COUNT SUMMARY

INTERSECTION 3
Deep Creek Road(NS) / Rock Springs Road(EW)

AM PEAK HOUR

					SOUTHBOUND									
					Total	83	11	7						
					4-Axle	0	0	0						
					3-Axle	0	0	0						
					Buses/RV's	6	3	0						
					Autos	77	8	7						
					↓ ↓ ↓									
Total	4-Axle	3-Axle	Buses/RV's	Autos										
57	0	0	2	55	↘	Autos	13	2	0	0	15			
144	0	2	9	133	→	Buses/RV's	206	8	4	0	218			
15	0	0	2	13	↙	3-Axle	4	0	0	0	4			
Eastbound					↙ ↘ ↕			Westbound						
					Autos	17	16	4						
					Buses/RV's	2	3	2						
					3-Axle	0	0	0						
					4-Axle	0	0	0						
					Total	19	19	6						
					↑									
					NORTHBOUND									



INTERSECTION 3
Deep Creek Road(NS) / Rock Springs Road(EW)

PM PEAK HOUR

					SOUTHBOUND									
					Total	92	17	18						
					4-Axle	0	0	0						
					3-Axle	0	0	0						
					Buses/RV's	5	3	0						
					Autos	87	14	18						
					↓ ↓ ↓									
Total	4-Axle	3-Axle	Buses/RV's	Autos										
77	0	4	5	68	↘	Autos	11	2	0	0	13			
243	0	0	9	234	→	Buses/RV's	167	12	0	3	182			
29	0	0	2	27	↙	3-Axle	13	2	0	0	15			
Eastbound					↙ ↘ ↕			Westbound						
					Autos	24	14	8						
					Buses/RV's	2	2	2						
					3-Axle	2	0	0						
					4-Axle	0	0	0						
					Total	28	16	10						
					↑									
					NORTHBOUND									



3

Counts Unlimited Inc.
25424 Jaclyn Avenue
Moreno Valley, CA 92557
951-247-6716

Town of Apple Valley
N/S: Deep Creek Road
E/W: Rock Springs Road
Weather: Sunny

File Name : AVDCRSAM
Site Code : 05123291
Start Date : 5/19/2007
Page No : 1

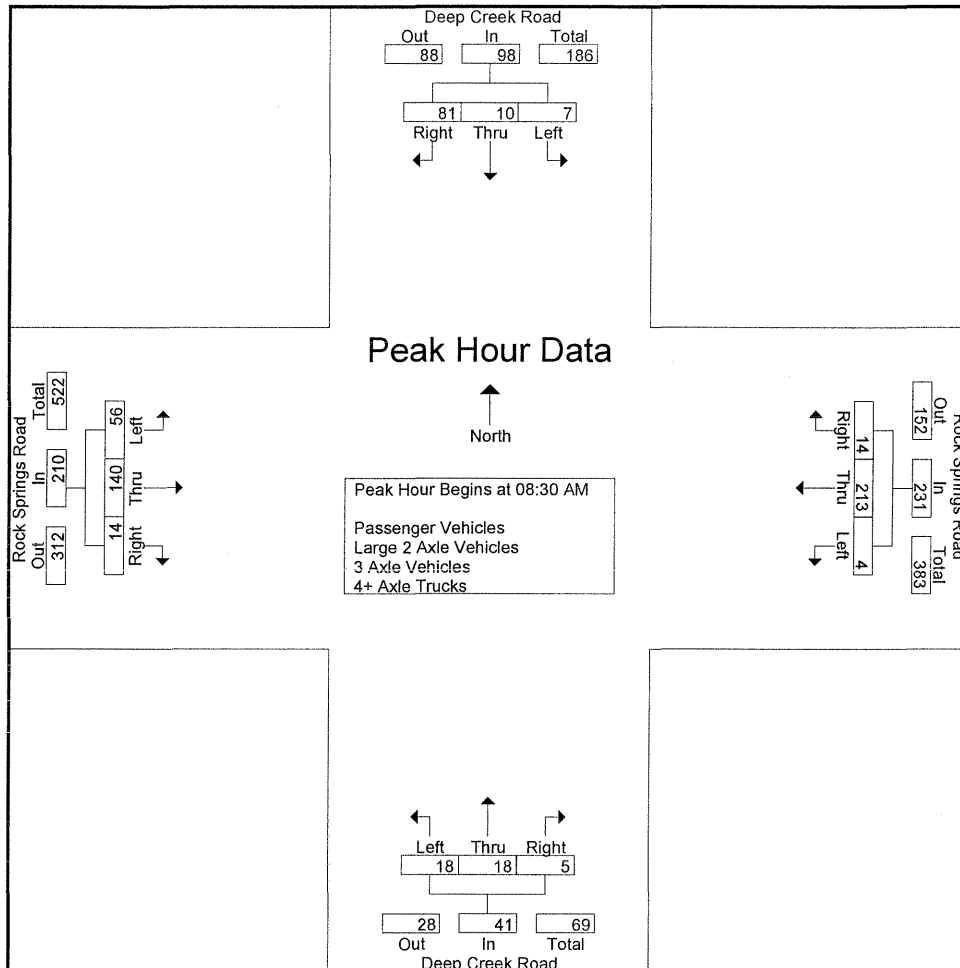
Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
08:00 AM	1	7	15	23	2	56	0	58	4	5	1	10	14	30	1	45	136
08:15 AM	2	3	19	24	1	30	5	36	4	7	1	12	17	35	6	58	130
08:30 AM	0	5	17	22	1	61	4	66	8	8	2	18	15	40	3	58	164
08:45 AM	3	2	23	28	0	54	2	56	4	2	1	7	12	36	3	51	142
Total	6	17	74	97	4	201	11	216	20	22	5	47	58	141	13	212	572
09:00 AM	2	2	26	30	1	44	5	50	4	2	1	7	18	30	4	52	139
09:15 AM	2	1	15	18	2	54	3	59	2	6	1	9	11	34	4	49	135
09:30 AM	4	4	27	35	1	45	3	49	3	2	3	8	21	40	2	63	155
09:45 AM	0	1	14	15	3	48	4	55	4	1	1	6	15	42	4	61	137
Total	8	8	82	98	7	191	15	213	13	11	6	30	65	146	14	225	566
Grand Total	14	25	156	195	11	392	26	429	33	33	11	77	123	287	27	437	1138
Apprch %	7.2	12.8	80		2.6	91.4	6.1		42.9	42.9	14.3		28.1	65.7	6.2		
Total %	1.2	2.2	13.7	17.1	1	34.4	2.3	37.7	2.9	2.9	1	6.8	10.8	25.2	2.4	38.4	
Passenger Vehicles	14	23	151	188	11	380	24	415	32	31	10	73	121	272	26	419	1095
% Passenger Vehicles	100	92	96.8	96.4	100	96.9	92.3	96.7	97	93.9	90.9	94.8	98.4	94.8	96.3	95.9	96.2
Large 2 Axle Vehicles	0	2	4	6	0	10	2	12	1	2	1	4	1	12	1	14	36
% Large 2 Axle Vehicles	0	8	2.6	3.1	0	2.6	7.7	2.8	3	6.1	9.1	5.2	0.8	4.2	3.7	3.2	3.2
3 Axle Vehicles	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
% 3 Axle Vehicles	0	0	0	0	0	0.5	0	0.5	0	0	0	0	0	0.3	0	0.2	0.3
4+ Axle Trucks	0	0	1	1	0	0	0	0	0	0	0	0	1	2	0	3	4
% 4+ Axle Trucks	0	0	0.6	0.5	0	0	0	0	0	0	0	0	0.8	0.7	0	0.7	0.4

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:30 AM																	
08:30 AM	0	5	17	22	1	61	4	66	8	8	2	18	15	40	3	58	164
08:45 AM	3	2	23	28	0	54	2	56	4	2	1	7	12	36	3	51	142
09:00 AM	2	2	26	30	1	44	5	50	4	2	1	7	18	30	4	52	139
09:15 AM	2	1	15	18	2	54	3	59	2	6	1	9	11	34	4	49	135
Total Volume	7	10	81	98	4	213	14	231	18	18	5	41	56	140	14	210	580
% App. Total	7.1	10.2	82.7		1.7	92.2	6.1		43.9	43.9	12.2		26.7	66.7	6.7		
PHF	.583	.500	.779	.817	.500	.873	.700	.875	.563	.563	.625	.569	.778	.875	.875	.905	.884

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSAM
 Site Code : 05123291
 Start Date : 5/19/2007
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Peak Hour Analysis From 08:00 AM to 09:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:45 AM				08:30 AM				08:00 AM				09:00 AM			
+0 mins.	3	2	23	28	1	61	4	66	4	5	1	10	18	30	4	52
+15 mins.	2	2	26	30	0	54	2	56	4	7	1	12	11	34	4	49
+30 mins.	2	1	15	18	1	44	5	50	8	8	2	18	21	40	2	63
+45 mins.	4	4	27	35	2	54	3	59	4	2	1	7	15	42	4	61
Total Volume	11	9	91	111	4	213	14	231	20	22	5	47	65	146	14	225
% App. Total	9.9	8.1	82		1.7	92.2	6.1		42.6	46.8	10.6		28.9	64.9	6.2	
PHF	.688	.563	.843	.793	.500	.873	.700	.875	.625	.688	.625	.653	.774	.869	.875	.893

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSAM
 Site Code : 05123291
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- Passenger Vehicles

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
08:00 AM	1	7	14	22	2	53	0	55	4	5	1	10	13	29	1	43	130
08:15 AM	2	3	19	24	1	30	5	36	4	7	1	12	17	32	6	55	127
08:30 AM	0	5	17	22	1	60	4	65	8	8	2	18	15	40	3	58	163
08:45 AM	3	2	22	27	0	54	2	56	3	1	1	5	12	32	2	46	134
Total	6	17	72	95	4	197	11	212	19	21	5	45	57	133	12	202	554
09:00 AM	2	1	23	26	1	40	5	46	4	1	1	6	18	28	4	50	128
09:15 AM	2	0	15	17	2	52	2	56	2	6	0	8	10	33	4	47	128
09:30 AM	4	4	27	35	1	45	2	48	3	2	3	8	21	39	2	62	153
09:45 AM	0	1	14	15	3	46	4	53	4	1	1	6	15	39	4	58	132
Total	8	6	79	93	7	183	13	203	13	10	5	28	64	139	14	217	541
Grand Total	14	23	151	188	11	380	24	415	32	31	10	73	121	272	26	419	1095
Apprch %	7.4	12.2	80.3		2.7	91.6	5.8		43.8	42.5	13.7		28.9	64.9	6.2		
Total %	1.3	2.1	13.8	17.2	1	34.7	2.2	37.9	2.9	2.8	0.9	6.7	11.1	24.8	2.4	38.3	

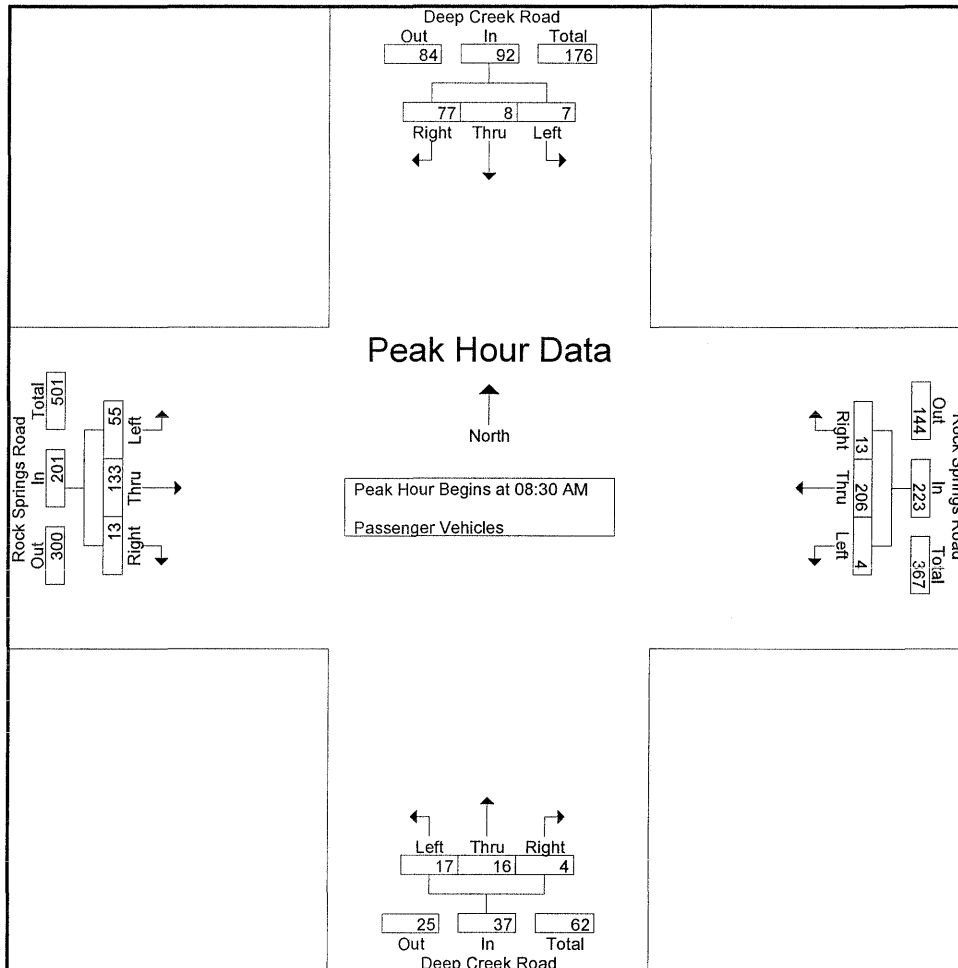
Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
08:30 AM	0	5	17	22	1	60	4	65	8	8	2	18	15	40	3	58	163
08:45 AM	3	2	22	27	0	54	2	56	3	1	1	5	12	32	2	46	134
09:00 AM	2	1	23	26	1	40	5	46	4	1	1	6	18	28	4	50	128
09:15 AM	2	0	15	17	2	52	2	56	2	6	0	8	10	33	4	47	128
Total Volume	7	8	77	92	4	206	13	223	17	16	4	37	55	133	13	201	553
% App. Total	7.6	8.7	83.7		1.8	92.4	5.8		45.9	43.2	10.8		27.4	66.2	6.5		
PHF	.583	.400	.837	.852	.500	.858	.650	.858	.531	.500	.500	.514	.764	.831	.813	.866	.848

Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 08:30 AM

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSAM
 Site Code : 05123291
 Start Date : 5/19/2007
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Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				08:30 AM				08:30 AM				08:30 AM			
+0 mins.	0	5	17	22	1	60	4	65	8	8	2	18	15	40	3	58
+15 mins.	3	2	22	27	0	54	2	56	3	1	1	5	12	32	2	46
+30 mins.	2	1	23	26	1	40	5	46	4	1	1	6	18	28	4	50
+45 mins.	2	0	15	17	2	52	2	56	2	6	0	8	10	33	4	47
Total Volume	7	8	77	92	4	206	13	223	17	16	4	37	55	133	13	201
% App. Total	7.6	8.7	83.7		1.8	92.4	5.8		45.9	43.2	10.8		27.4	66.2	6.5	
PHF	.583	.400	.837	.852	.500	.858	.650	.858	.531	.500	.500	.514	.764	.831	.813	.866

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSAM
 Site Code : 05123291
 Start Date : 5/19/2007
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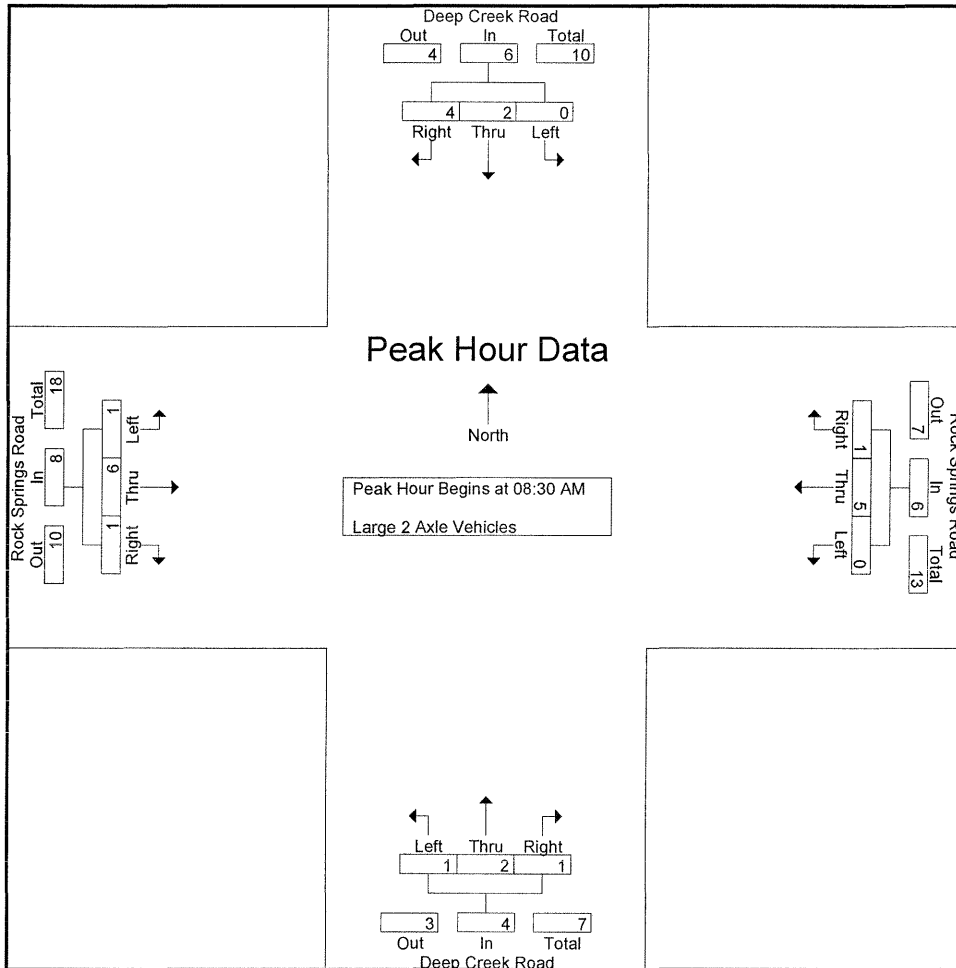
Groups Printed- Large 2 Axle Vehicles

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
08:00 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	1	0	1	4
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
08:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
08:45 AM	0	0	1	1	0	0	0	0	1	1	0	2	0	4	1	5	8
Total	0	0	1	1	0	4	0	4	1	1	0	2	0	7	1	8	15
09:00 AM	0	1	3	4	0	3	0	3	0	1	0	1	0	2	0	2	10
09:15 AM	0	1	0	1	0	1	1	2	0	0	1	1	1	0	0	1	5
09:30 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
09:45 AM	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	5
Total	0	2	3	5	0	6	2	8	0	1	1	2	1	5	0	6	21
Grand Total	0	2	4	6	0	10	2	12	1	2	1	4	1	12	1	14	36
Apprch %	0	33.3	66.7		0	83.3	16.7		25	50	25		7.1	85.7	7.1		
Total %	0	5.6	11.1	16.7	0	27.8	5.6	33.3	2.8	5.6	2.8	11.1	2.8	33.3	2.8	38.9	

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:30 AM																	
08:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
08:45 AM	0	0	1	1	0	0	0	0	1	1	0	2	0	4	1	5	8
09:00 AM	0	1	3	4	0	3	0	3	0	1	0	1	0	2	0	2	10
09:15 AM	0	1	0	1	0	1	1	2	0	0	1	1	1	0	0	1	5
Total Volume	0	2	4	6	0	5	1	6	1	2	1	4	1	6	1	8	24
% App. Total	0	33.3	66.7		0	83.3	16.7		25	50	25		12.5	75	12.5		
PHF	.000	.500	.333	.375	.000	.417	.250	.500	.250	.500	.250	.500	.250	.375	.250	.400	.600

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSAM
 Site Code : 05123291
 Start Date : 5/19/2007
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Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	08:30 AM				08:30 AM				08:30 AM				08:30 AM			
+0 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
+15 mins.	0	0	1	1	0	0	0	0	1	1	0	2	0	4	1	5
+30 mins.	0	1	3	4	0	3	0	3	0	1	0	1	0	2	0	2
+45 mins.	0	1	0	1	0	1	1	2	0	0	1	1	1	0	0	1
Total Volume	0	2	4	6	0	5	1	6	1	2	1	4	1	6	1	8
% App. Total	0	33.3	66.7		0	83.3	16.7		25	50	25		12.5	75	12.5	
PHF	.000	.500	.333	.375	.000	.417	.250	.500	.250	.500	.250	.500	.250	.375	.250	.400

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSAM
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 Start Date : 5/19/2007
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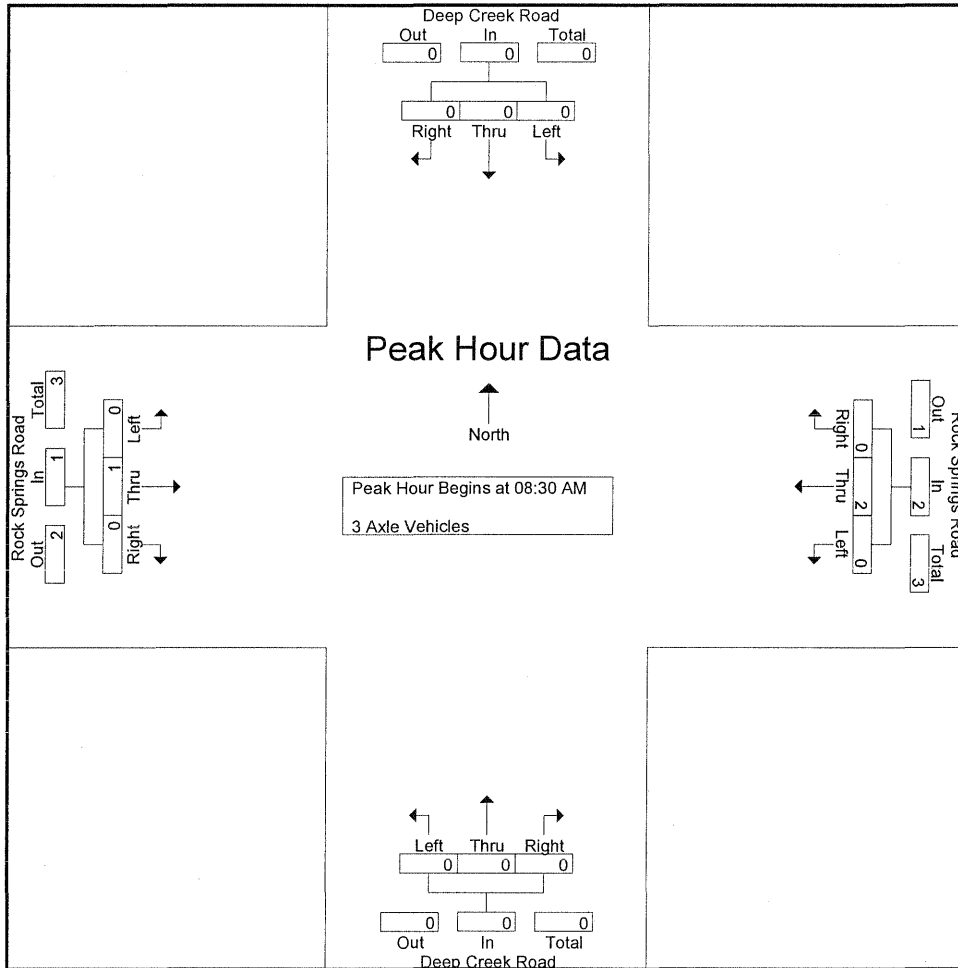
Groups Printed- 3 Axle Vehicles

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
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	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
09:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
Grand Total	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
Apprch %	0	0	0		0	100	0		0	0	0		0	100	0		
Total %	0	0	0		0	66.7	0	66.7	0	0	0		0	33.3	0	33.3	

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:30 AM																	
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
09:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
Total Volume	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.500	.000	.500	.000	.000	.000	.000	.000	.250	.000	.250	.375

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSAM
 Site Code : 05123291
 Start Date : 5/19/2007
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Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

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

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

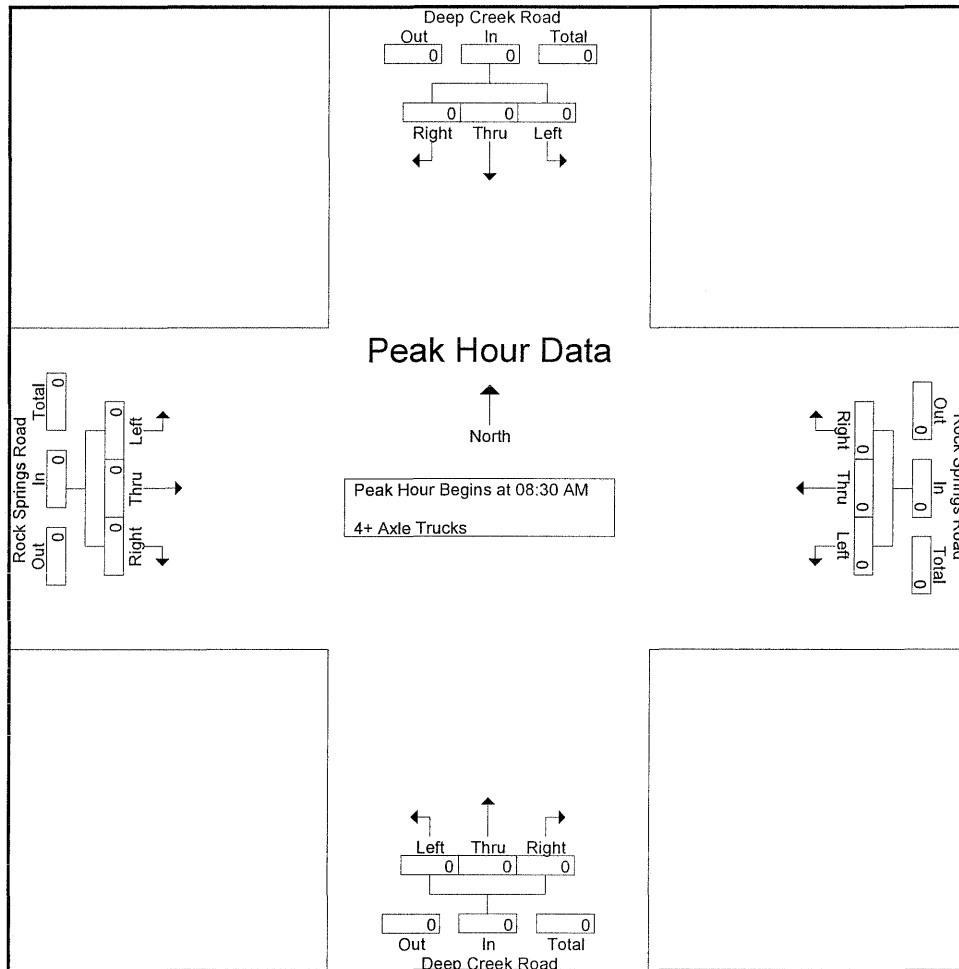
File Name : AVDCRSAM
 Site Code : 05123291
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- 4+ Axle Trucks

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
08:00 AM	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	2
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	2	3
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
09:45 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	0	0	0	0	1	0	1	1
Grand Total	0	0	1	1	0	0	0	0	0	0	0	0	1	2	0	3	4
Apprch %	0	0	100		0	0	0		0	0	0		33.3	66.7	0		
Total %	0	0	25	25	0	0	0	0	0	0	0	0	25	50	0	75	

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:30 AM																	
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Town of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny



Peak Hour Analysis From 08:30 AM to 09:15 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	08:30 AM				08:30 AM				08:30 AM				08:30 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

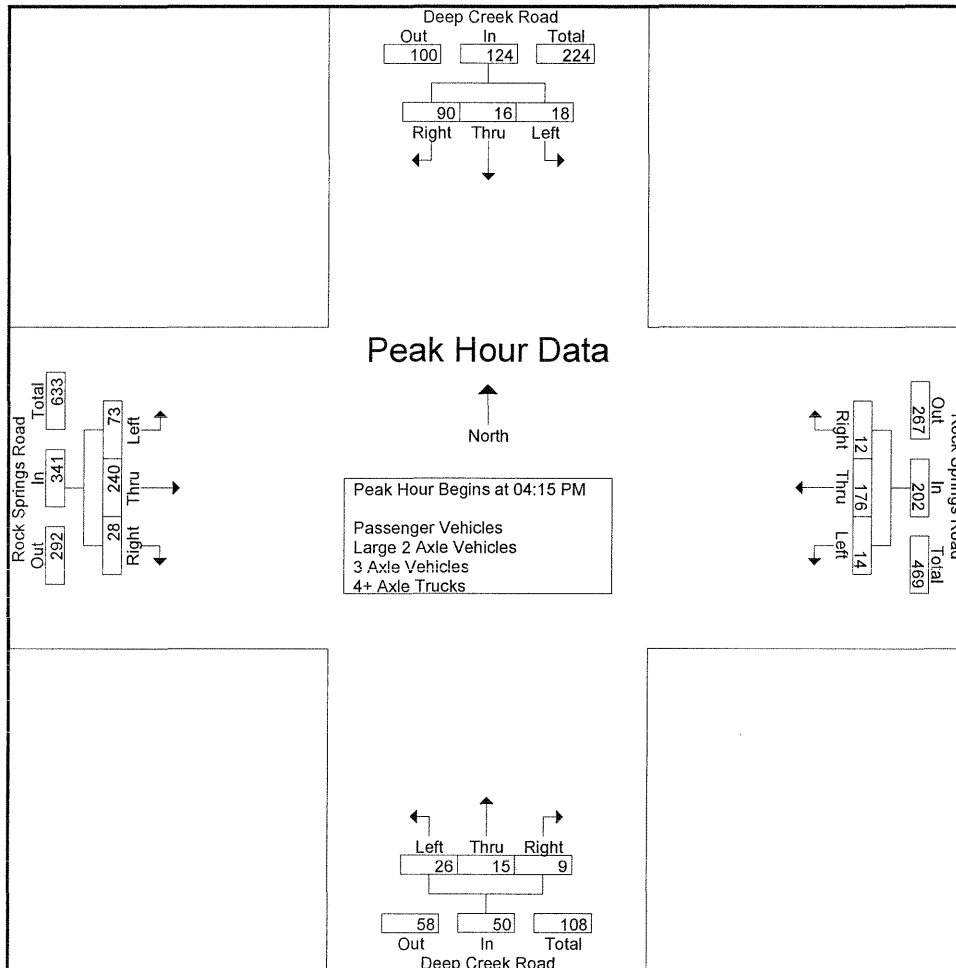
City of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSPM
 Site Code : 05123260
 Start Date : 5/19/2007
 Page No : 1

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

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road 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	2	5	11	18	5	38	2	45	3	2	1	6	15	50	4	69	138
04:15 PM	8	2	29	39	3	49	3	55	3	5	1	9	17	69	5	91	194
04:30 PM	4	2	19	25	2	45	6	53	7	4	3	14	21	58	10	89	181
04:45 PM	1	10	19	30	7	43	3	53	4	2	2	8	15	65	8	88	179
Total	15	19	78	112	17	175	14	206	17	13	7	37	68	242	27	337	692
05:00 PM	5	2	23	30	2	39	0	41	12	4	3	19	20	48	5	73	163
05:15 PM	3	6	25	34	1	44	1	46	2	3	2	7	24	62	5	91	178
05:30 PM	0	4	16	20	1	60	5	66	7	2	2	11	14	59	3	76	173
05:45 PM	4	2	21	27	0	47	4	51	4	1	0	5	18	66	8	92	175
Total	12	14	85	111	4	190	10	204	25	10	7	42	76	235	21	332	689
Grand Total	27	33	163	223	21	365	24	410	42	23	14	79	144	477	48	669	1381
Apprch %	12.1	14.8	73.1		5.1	89	5.9		53.2	29.1	17.7		21.5	71.3	7.2		
Total %	2	2.4	11.8	16.1	1.5	26.4	1.7	29.7	3	1.7	1	5.7	10.4	34.5	3.5	48.4	
Passenger Vehicles	27	28	159	214	20	352	23	395	40	22	13	75	136	464	45	645	1329
% Passenger Vehicles	100	84.8	97.5	96	95.2	96.4	95.8	96.3	95.2	95.7	92.9	94.9	94.4	97.3	93.8	96.4	96.2
Large 2 Axle Vehicles	0	5	4	9	1	10	1	12	1	1	1	3	6	11	2	19	43
% Large 2 Axle Vehicles	0	15.2	2.5	4	4.8	2.7	4.2	2.9	2.4	4.3	7.1	3.8	4.2	2.3	4.2	2.8	3.1
3 Axle Vehicles	0	0	0	0	0	1	0	1	1	0	0	1	2	1	1	4	6
% 3 Axle Vehicles	0	0	0	0	0	0.3	0	0.2	2.4	0	0	1.3	1.4	0.2	2.1	0.6	0.4
4+ Axle Trucks	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
% 4+ Axle Trucks	0	0	0	0	0	0.5	0	0.5	0	0	0	0	0	0.2	0	0.1	0.2

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	8	2	29	39	3	49	3	55	3	5	1	9	17	69	5	91	194
04:30 PM	4	2	19	25	2	45	6	53	7	4	3	14	21	58	10	89	181
04:45 PM	1	10	19	30	7	43	3	53	4	2	2	8	15	65	8	88	179
05:00 PM	5	2	23	30	2	39	0	41	12	4	3	19	20	48	5	73	163
Total Volume	18	16	90	124	14	176	12	202	26	15	9	50	73	240	28	341	717
% App. Total	14.5	12.9	72.6		6.9	87.1	5.9		52	30	18		21.4	70.4	8.2		
PHF	.563	.400	.776	.795	.500	.898	.500	.918	.542	.750	.750	.658	.869	.870	.700	.937	.924



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

Peak Hour for Each Approach Begins at:

	04:15 PM				04:00 PM				04:15 PM				04:15 PM			
+0 mins.	8	2	29	39	5	38	2	45	3	5	1	9	17	69	5	91
+15 mins.	4	2	19	25	3	49	3	55	7	4	3	14	21	58	10	89
+30 mins.	1	10	19	30	2	45	6	53	4	2	2	8	15	65	8	88
+45 mins.	5	2	23	30	7	43	3	53	12	4	3	19	20	48	5	73
Total Volume	18	16	90	124	17	175	14	206	26	15	9	50	73	240	28	341
% App. Total	14.5	12.9	72.6		8.3	85	6.8		52	30	18		21.4	70.4	8.2	
PHF	.563	.400	.776	.795	.607	.893	.583	.936	.542	.750	.750	.658	.869	.870	.700	.937

City of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSPM
 Site Code : 05123260
 Start Date : 5/19/2007
 Page No : 1

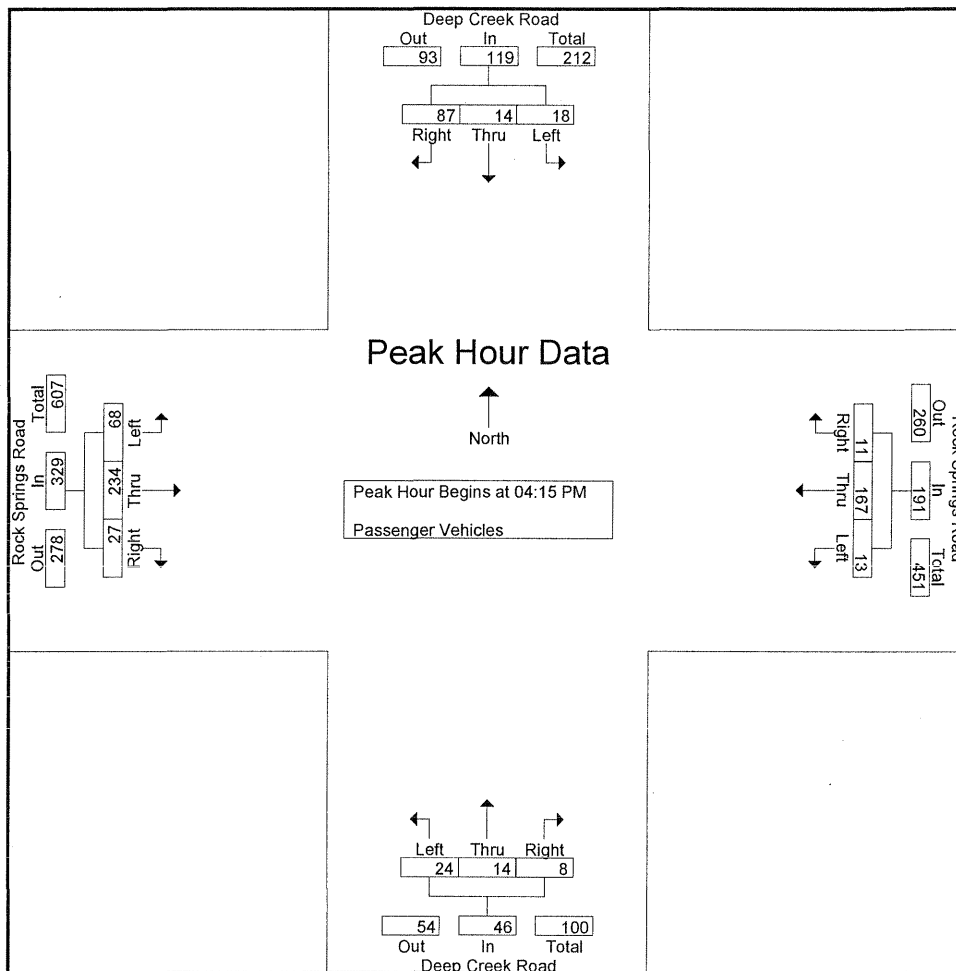
Groups Printed- Passenger Vehicles

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road 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	2	3	11	16	5	38	2	45	3	2	1	6	15	48	3	66	133
04:15 PM	8	2	28	38	3	46	3	52	3	5	1	9	17	66	5	88	187
04:30 PM	4	1	17	22	1	44	5	50	7	4	3	14	20	57	10	87	173
04:45 PM	1	9	19	29	7	40	3	50	4	2	1	7	15	64	7	86	172
Total	15	15	75	105	16	168	13	197	17	13	6	36	67	235	25	327	665
05:00 PM	5	2	23	30	2	37	0	39	10	3	3	16	16	47	5	68	153
05:15 PM	3	5	24	32	1	43	1	45	2	3	2	7	21	60	5	86	170
05:30 PM	0	4	16	20	1	59	5	65	7	2	2	11	14	57	3	74	170
05:45 PM	4	2	21	27	0	45	4	49	4	1	0	5	18	65	7	90	171
Total	12	13	84	109	4	184	10	198	23	9	7	39	69	229	20	318	664
Grand Total	27	28	159	214	20	352	23	395	40	22	13	75	136	464	45	645	1329
Approch %	12.6	13.1	74.3		5.1	89.1	5.8		53.3	29.3	17.3		21.1	71.9	7		
Total %	2	2.1	12	16.1	1.5	26.5	1.7	29.7	3	1.7	1	5.6	10.2	34.9	3.4	48.5	

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	8	2	28	38	3	46	3	52	3	5	1	9	17	66	5	88	187
04:30 PM	4	1	17	22	1	44	5	50	7	4	3	14	20	57	10	87	173
04:45 PM	1	9	19	29	7	40	3	50	4	2	1	7	15	64	7	86	172
05:00 PM	5	2	23	30	2	37	0	39	10	3	3	16	16	47	5	68	153
Total Volume	18	14	87	119	13	167	11	191	24	14	8	46	68	234	27	329	685
% App. Total	15.1	11.8	73.1		6.8	87.4	5.8		52.2	30.4	17.4		20.7	71.1	8.2		
PHF	.563	.389	.777	.783	.464	.908	.550	.918	.600	.700	.667	.719	.850	.886	.675	.935	.916

City of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSPM
 Site Code : 05123260
 Start Date : 5/19/2007
 Page No : 2



Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:15 PM				04:15 PM				04:15 PM				04:15 PM			
+0 mins.	8	2	28	38	3	46	3	52	3	5	1	9	17	66	5	88
+15 mins.	4	1	17	22	1	44	5	50	7	4	3	14	20	57	10	87
+30 mins.	1	9	19	29	7	40	3	50	4	2	1	7	15	64	7	86
+45 mins.	5	2	23	30	2	37	0	39	10	3	3	16	16	47	5	68
Total Volume	18	14	87	119	13	167	11	191	24	14	8	46	68	234	27	329
% App. Total	15.1	11.8	73.1		6.8	87.4	5.8		52.2	30.4	17.4		20.7	71.1	8.2	
PHF	.563	.389	.777	.783	.464	.908	.550	.918	.600	.700	.667	.719	.850	.886	.675	.935

City of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSPM
 Site Code : 05123260
 Start Date : 5/19/2007
 Page No : 1

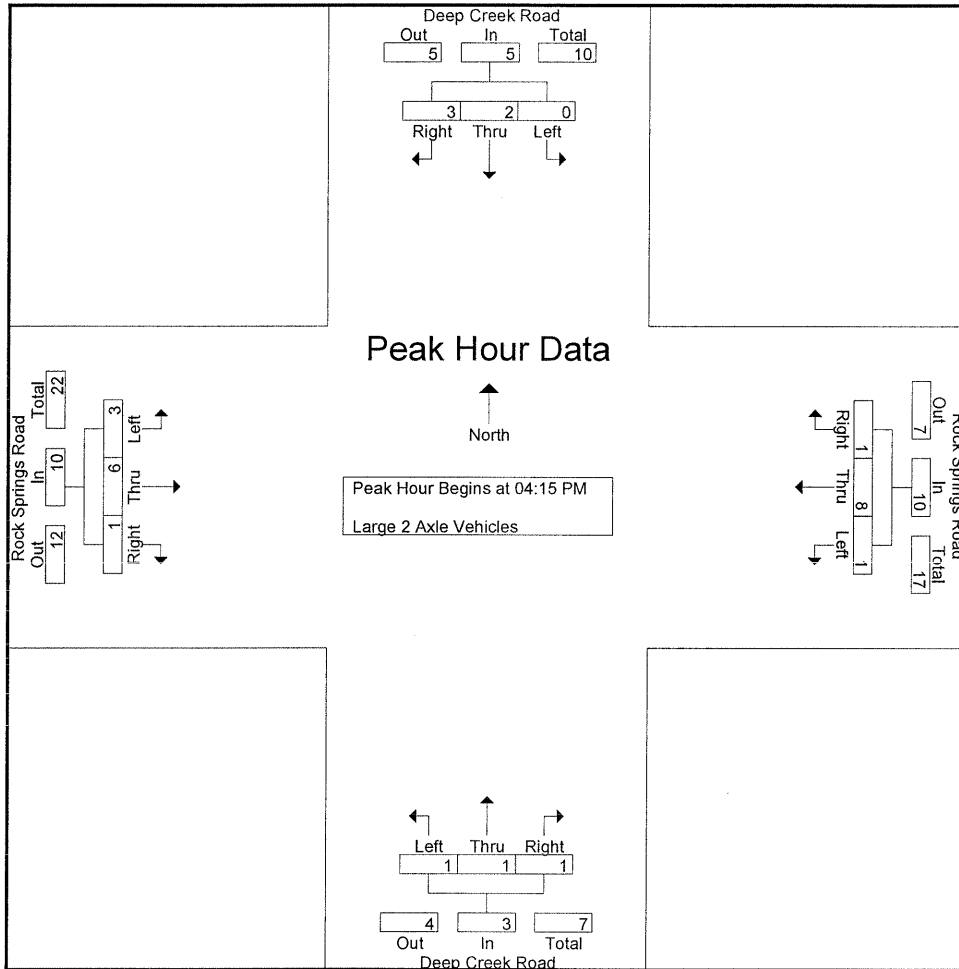
Groups Printed- Large 2 Axle Vehicles

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road 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	2	0	2	0	0	0	0	0	0	0	0	0	2	1	3	5
04:15 PM	0	0	1	1	0	2	0	2	0	0	0	0	0	3	0	3	6
04:30 PM	0	1	2	3	1	1	1	3	0	0	0	0	1	1	0	2	8
04:45 PM	0	1	0	1	0	3	0	3	0	0	1	1	0	1	1	2	7
Total	0	4	3	7	1	6	1	8	0	0	1	1	1	7	2	10	26
05:00 PM	0	0	0	0	0	2	0	2	1	1	0	2	2	1	0	3	7
05:15 PM	0	1	1	2	0	1	0	1	0	0	0	0	3	0	0	3	6
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
05:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
Total	0	1	1	2	0	4	0	4	1	1	0	2	5	4	0	9	17
Grand Total	0	5	4	9	1	10	1	12	1	1	1	3	6	11	2	19	43
Apprch %	0	55.6	44.4		8.3	83.3	8.3		33.3	33.3	33.3		31.6	57.9	10.5		
Total %	0	11.6	9.3	20.9	2.3	23.3	2.3	27.9	2.3	2.3	2.3	7	14	25.6	4.7	44.2	

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	0	1	1	0	2	0	2	0	0	0	0	0	3	0	3	6
04:30 PM	0	1	2	3	1	1	1	3	0	0	0	0	1	1	0	2	8
04:45 PM	0	1	0	1	0	3	0	3	0	0	1	1	0	1	1	2	7
05:00 PM	0	0	0	0	0	2	0	2	1	1	0	2	2	1	0	3	7
Total Volume	0	2	3	5	1	8	1	10	1	1	1	3	3	6	1	10	28
% App. Total	0	40	60		10	80	10		33.3	33.3	33.3		30	60	10		
PHF	.000	.500	.375	.417	.250	.667	.250	.833	.250	.250	.250	.375	.375	.500	.250	.833	.875

City of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSPM
 Site Code : 05123260
 Start Date : 5/19/2007
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Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	04:15 PM				04:15 PM				04:15 PM				04:15 PM			
+0 mins.	0	0	1	1	0	2	0	2	0	0	0	0	0	3	0	3
+15 mins.	0	1	2	3	1	1	1	3	0	0	0	0	1	1	0	2
+30 mins.	0	1	0	1	0	3	0	3	0	0	1	1	0	1	1	2
+45 mins.	0	0	0	0	0	2	0	2	1	1	0	2	2	1	0	3
Total Volume	0	2	3	5	1	8	1	10	1	1	1	3	3	6	1	10
% App. Total	0	40	60		10	80	10		33.3	33.3	33.3		30	60	10	
PHF	.000	.500	.375	.417	.250	.667	.250	.833	.250	.250	.250	.375	.375	.500	.250	.833

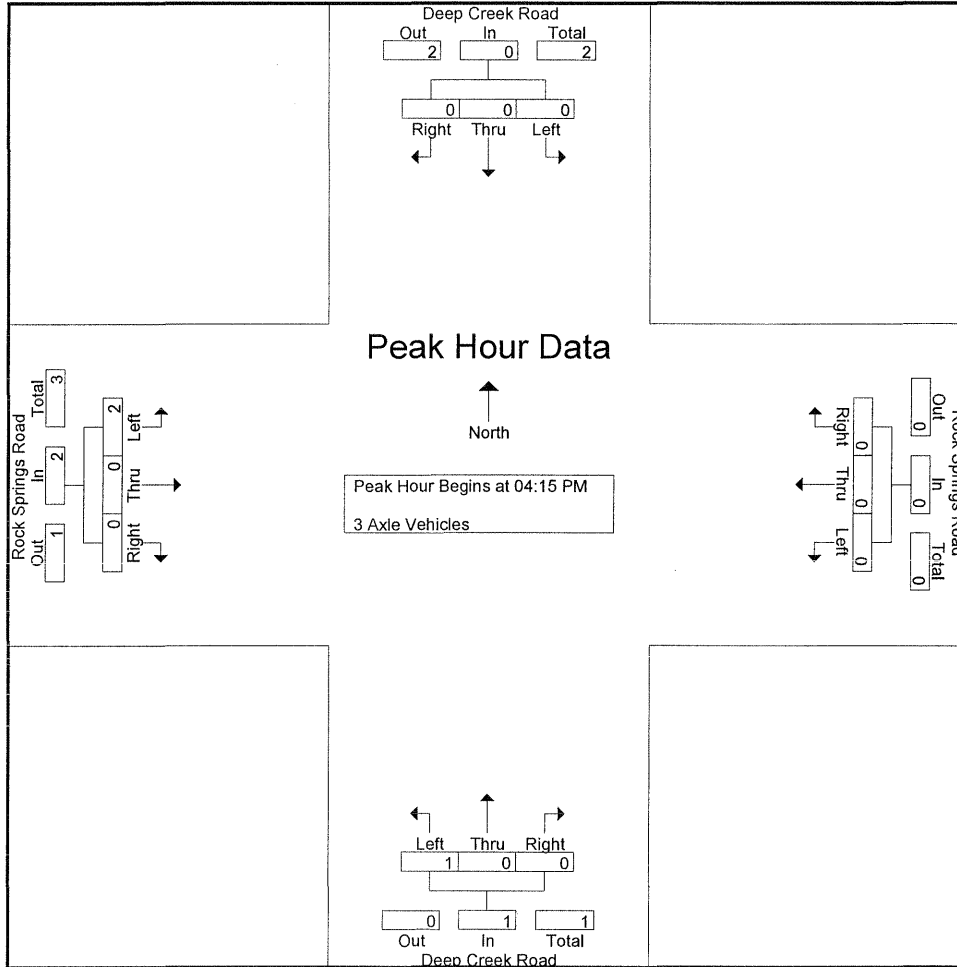
City of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

File Name : AVDCRSPM
 Site Code : 05123260
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- 3 Axle Vehicles

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	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
05:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	2	3
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	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	1	0	1	0	0	0	0	0	0	1	1	2
Total	0	0	0	0	0	1	0	1	1	0	0	1	2	1	1	4	6
Grand Total	0	0	0	0	0	1	0	1	1	0	0	1	2	1	1	4	6
Apprch %	0	0	0		0	100	0		100	0	0		50	25	25		
Total %	0	0	0		0	16.7	0	16.7	16.7	0	0	16.7	33.3	16.7	16.7	66.7	

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	2	3
Total Volume	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	2	3
% App. Total	0	0	0		0	0	0		100	0	0		100	0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.250	.000	.000	.250	.250



Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

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

City of Apple Valley
 N/S: Deep Creek Road
 E/W: Rock Springs Road
 Weather: Sunny

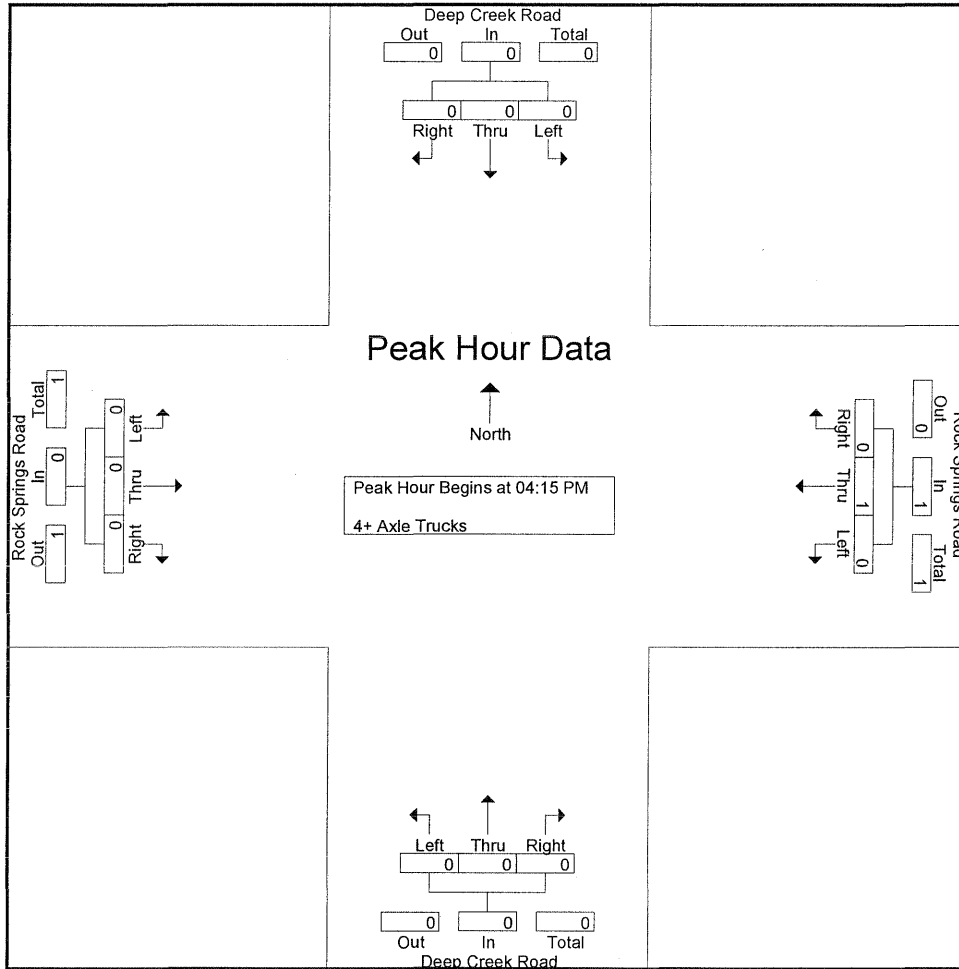
File Name : AVDCRSPM
 Site Code : 05123260
 Start Date : 5/19/2007
 Page No : 1

Groups Printed- 4+ Axle Trucks

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
05:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
Grand Total	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	3
Apprch %	0	0	0	0	0	100	0	0	0	0	0	0	0	100	0	0	
Total %	0	0	0	0	0	66.7	0	66.7	0	0	0	0	0	33.3	0	33.3	

Start Time	Deep Creek Road Southbound				Rock Springs Road Westbound				Deep Creek Road Northbound				Rock Springs Road Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
04:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
% App. Total	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.250

Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 04:15 PM



Peak Hour Analysis From 04:15 PM to 05:00 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

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

APPENDIX C

EXISTING CONDITIONS INTERSECTION ANALYSIS

 Deep Creek Rodeo, Livestock Arena, Equestrian Arena (JN 4786)
 Existing Weekend Conditions (2007)
 AM Peak Hour

Level Of Service Computation Report
 2000 HCM Unsignalized Method (Base Volume Alternative)

 Intersection #102 Deep Creek Road (NS) / Project Access [Outpost Rd.] (EW)

 Average Delay (sec/veh): 1.0 Worst Case Level Of Service: B[10.4]

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Lanes:	0	0	1	0	0	1	0	1	0	0	1	0

Volume Module:

Base Vol:	0	87	4	8	103	1	4	2	0	1	6	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	87	4	8	103	1	4	2	0	1	6	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.94	0.94	0.94	0.85	0.85	0.85	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	0	93	4	9	122	1	5	3	0	1	8	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	93	4	9	122	1	5	3	0	1	8	0

Critical Gap Module:

Critical Gp:	xxxxx	xxxxx	xxxxx	4.1	xxxxx	xxxxx	7.1	6.5	xxxxx	7.1	6.5	xxxxx
FollowUpTim:	xxxxx	xxxxx	xxxxx	2.2	xxxxx	xxxxx	3.5	4.0	xxxxx	3.5	4.0	xxxxx

Capacity Module:

Cnflict Vol:	xxxx	xxxx	xxxxx	97	xxxx	xxxxx	240	238	xxxxx	238	237	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	1509	xxxx	xxxxx	718	666	xxxxx	721	667	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	1509	xxxx	xxxxx	708	662	xxxxx	715	663	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.01	xxxx	xxxx	0.01	0.00	xxxx	0.00	0.01	xxxx

Level Of Service Module:

2Way95thQ:	xxxx	xxxx	xxxxx	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	7.4	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	A	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	692	xxxx	xxxxx	670	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	0.0	xxxx	xxxxx	0.0	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	10.3	xxxx	xxxxx	10.4	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	B	*	*	B	*	*
ApproachDel:	xxxxxxx			xxxxxxx			10.3			10.4		
ApproachLOS:	*			*			B			B		

 Note: Queue reported is the number of cars per lane.

 Deep Creek Rodeo, Livestock Arena, Equestrian Arena (JN 4786)
 Existing Weekend Conditions (2007)
 AM Peak Hour

Level Of Service Computation Report
 2000 HCM Operations Method (Base Volume Alternative)

Intersection #103 Deep Creek Rd. (NS) / Rock Springs Rd. (EW)

Cycle (sec): 60 Critical Vol./Cap.(X): 0.174

Loss Time (sec): 6 (Y+R=4.0 sec) Average Delay (sec/veh): 14.5

Optimal Cycle: 60 Level Of Service: B

Street Name:	Deep Creek Rd. (NS)						Rock Springs Rd. (EW)									
Approach:	North Bound			South Bound			East Bound			West Bound						
Movement:	L	T	R	L	T	R	L	T	R	L	T	R				
Control:	Permitted			Permitted			Protected			Protected						
Rights:	Include			Include			Include			Include						
Min. Green:	17	17	17	20	20	20	10	20	20	10	17	17				
Lanes:	0	1	0	0	1	0	1	0	0	1	0	1	0	0	1	0

Volume Module:

Base Vol:	19	19	6	7	11	83	57	144	15	4	218	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	19	19	6	7	11	83	57	144	15	4	218	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.82	0.82	0.82	0.91	0.91	0.91	0.88	0.88	0.88
PHF Volume:	25	25	8	9	13	102	63	159	17	5	249	17
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	25	25	8	9	13	102	63	159	17	5	249	17
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	25	25	8	9	13	102	63	159	17	5	249	17

Saturation Flow Module:

Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	0.94	1.00	1.00	0.94	1.00	1.00	0.94	1.00	1.00	0.94	1.00	1.00
Lanes:	0.51	0.49	1.00	0.40	0.60	1.00	1.00	0.91	0.09	1.00	0.94	0.06
Final Sat.:	874	874	1800	684	1075	1800	1700	1630	170	1700	1684	116

Capacity Analysis Module:

Vol/Sat:	0.03	0.03	0.00	0.01	0.01	0.06	0.04	0.10	0.10	0.00	0.15	0.15
Crit Moves:						****			****			****
Green/Cycle:	0.33	0.33	0.33	0.33	0.33	0.33	0.21	0.40	0.40	0.17	0.36	0.36
Volume/Cap:	0.09	0.09	0.01	0.04	0.04	0.17	0.18	0.24	0.24	0.02	0.41	0.41
Delay/Veh:	13.8	13.8	13.4	13.5	13.5	14.3	19.7	12.1	12.1	20.9	15.0	15.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	13.8	13.8	13.4	13.5	13.5	14.3	19.7	12.1	12.1	20.9	15.0	15.0
LOS by Move:	B	B	B	B	B	B	B	B	B	C	B	B
HCM2kAvgQ:	1	1	0	0	0	1	1	2	2	0	4	4

Note: Queue reported is the number of cars per lane.

 Deep Creek Rodeo, Livestock Arena, Equestrian Arena (JN 4786)
 Existing Weekend Conditions
 PM Peak Hour

Level Of Service Computation Report
 2000 HCM Unsignalized Method (Base Volume Alternative)

Intersection #101 Deep Creek Rd. (NS) / Bear Valley Rd. (EW)

Average Delay (sec/veh): 6.4 Worst Case Level Of Service: F[124.9]

Street Name: Deep Creek Rd. (NS) Bear Valley Rd. (EW)

Approach: North Bound South Bound East Bound West Bound

Movement: L - T - R L - T - R L - T - R L - T - R

-----|-----|-----|-----|

Control: Stop Sign Stop Sign Uncontrolled Uncontrolled

Rights: Include Include Include Include

Lanes: 0 0 1! 0 0 0 0 0 0 0 2 0 1 1 0 2 0 0

-----|-----|-----|-----|

Volume Module:

Base Vol: 50 0 55 0 0 0 0 1110 66 66 883 0

Growth Adj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

Initial Bse: 50 0 55 0 0 0 0 1110 66 66 883 0

User Adj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

PHF Adj: 0.93 0.93 0.93 1.00 1.00 1.00 0.95 0.95 0.95 0.95 0.95 0.95

PHF Volume: 54 0 59 0 0 0 0 1171 70 69 926 0

Reduct Vol: 0 0 0 0 0 0 0 0 0 0 0 0

FinalVolume: 54 0 59 0 0 0 0 1171 70 69 926 0

-----|-----|-----|-----|

Critical Gap Module:

Critical Gp: 6.8 6.5 6.9 xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx 4.1 xxxxx xxxxx

FollowUpTim: 3.5 4.0 3.3 xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx 2.2 xxxxx xxxxx

-----|-----|-----|-----|

Capacity Module:

Cnflct Vol: 1772 2235 585 xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx 1241 xxxxx xxxxx

Potent Cap.: 76 43 459 xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx 568 xxxxx xxxxx

Move Cap.: 69 38 459 xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx 568 xxxxx xxxxx

Volume/Cap: 0.78 0.00 0.13 xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx 0.12 xxxxx xxxxx

-----|-----|-----|-----|

Level Of Service Module:

2Way95thQ: xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx 0.4 xxxxx xxxxx

Control Del: xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx 12.2 xxxxx xxxxx

LOS by Move: * * * * * * * * * * B * *

Movement: LT - LTR - RT LT - LTR - RT LT - LTR - RT LT - LTR - RT

Shared Cap.: xxxxx 124 xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx

SharedQueue: xxxxx 5.9 xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx

Shrd ConDel: xxxxx 125 xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx

Shared LOS: * F * * * * * * * * * * * * *

ApproachDel: 124.9 xxxxxxx xxxxxxx xxxxxxx

ApproachLOS: F * * *

Note: Queue reported is the number of cars per lane.

 Deep Creek Rodeo, Livestock Arena, Equestrian Arena (JN 4786)
 Existing Weekend Conditions
 PM Peak Hour

Level Of Service Computation Report

2000 HCM Unsignalized Method (Base Volume Alternative)

Intersection #102 Deep Creek Road (NS) / Project Access [Outpost Rd.] (EW)

Average Delay (sec/veh): 0.3 Worst Case Level Of Service: B [10.2]

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Uncontrolled			Uncontrolled			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Lanes:	0	0	0	1	0	0	1	0	0	0	0	0

Volume Module:	North Bound			South Bound			East Bound			West Bound		
Base Vol:	0	102	4	0	121	1	2	0	0	2	0	3
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	102	4	0	121	1	2	0	0	2	0	3
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.86	0.86	0.86	0.93	0.93	0.93	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	0	118	5	0	130	1	3	0	0	3	0	4
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	118	5	0	130	1	3	0	0	3	0	4

Critical Gap Module:	North Bound			South Bound			East Bound			West Bound		
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	7.1	xxxx	xxxxx	7.1	6.5	6.2
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	3.5	xxxx	xxxxx	3.5	4.0	3.3

Capacity Module:	North Bound			South Bound			East Bound			West Bound		
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	253	xxxx	xxxxx	251	252	121
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	704	xxxx	xxxxx	706	655	936
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	701	xxxx	xxxxx	706	655	936
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.00	xxxx	xxxx	0.00	0.00	0.00

Level Of Service Module:	North Bound			South Bound			East Bound			West Bound		
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.0	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	10.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	B	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	828	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	0.0	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	9.4	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	A	*
ApproachDel:	xxxxxxx			xxxxxxx			10.2				9.4	
ApproachLOS:	*			*			B				A	

Note: Queue reported is the number of cars per lane.

 Deep Creek Rodeo, Livestock Arena, Equestrian Arena (JN 4786)
 Existing Weekend Conditions
 PM Peak Hour

Level Of Service Computation Report

2000 HCM Operations Method (Base Volume Alternative)

Intersection #103 Deep Creek Rd. (NS) / Rock Springs Rd. (EW)

Cycle (sec): 60 Critical Vol./Cap.(X): 0.261

Loss Time (sec): 6 (Y+R=4.0 sec) Average Delay (sec/veh): 14.6

Optimal Cycle: OPTIMIZED Level Of Service: B

Street Name: Deep Creek Rd. (NS) Rock Springs Rd. (EW)

Approach: North Bound South Bound East Bound West Bound

Movement: L - T - R L - T - R L - T - R L - T - R

Control: Permitted Permitted Protected Protected

Rights: Include Include Include Include

Min. Green: 17 17 20 20 10 20 10 17 17

Lanes: 0 1 0 0 1 0 1 0 0 1 0 1 0

Volume Module:

Base Vol: 28 16 10 18 17 92 77 243 29 15 182 13

Growth Adj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

Initial Bse: 28 16 10 18 17 92 77 243 29 15 182 13

User Adj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

PHF Adj: 0.75 0.75 0.75 0.80 0.80 0.80 0.94 0.94 0.94 0.92 0.92 0.92

PHF Volume: 37 21 13 23 21 116 82 259 31 16 198 14

Reduct Vol: 0 0 0 0 0 0 0 0 0 0 0 0

Reduced Vol: 37 21 13 23 21 116 82 259 31 16 198 14

PCE Adj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

MLF Adj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

FinalVolume: 37 21 13 23 21 116 82 259 31 16 198 14

Saturation Flow Module:

Sat/Lane: 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800 1800

Adjustment: 0.94 1.00 1.00 0.94 1.00 1.00 0.94 1.00 1.00 0.94 1.00 1.00

Lanes: 0.65 0.35 1.00 0.53 0.47 1.00 1.00 0.89 0.11 1.00 0.93 0.07

Final Sat.: 1104 631 1800 899 849 1800 1700 1608 192 1700 1680 120

Capacity Analysis Module:

Vol/Sat: 0.03 0.03 0.01 0.03 0.03 0.06 0.05 0.16 0.16 0.01 0.12 0.12

Crit Moves: **** *

Green/Cycle: 0.33 0.33 0.33 0.33 0.33 0.33 0.21 0.40 0.40 0.17 0.36 0.36

Volume/Cap: 0.10 0.10 0.02 0.08 0.08 0.19 0.23 0.40 0.40 0.06 0.33 0.33

Delay/Veh: 13.9 13.9 13.4 13.7 13.7 14.4 20.0 13.2 13.2 21.1 14.4 14.4

User DelAdj: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

AdjDel/Veh: 13.9 13.9 13.4 13.7 13.7 14.4 20.0 13.2 13.2 21.1 14.4 14.4

LOS by Move: B B B B B B C B B C B B

HCM2kAvgQ: 1 1 0 1 1 2 2 4 4 0 3 3

Note: Queue reported is the number of cars per lane.

APPENDIX D

TRAFFIC SIGNAL WARRANTS

PEAK HOUR VOLUME WARRANT (Rural Areas)

EXISTING CONDITIONS (PM Peak Hour)

Major Street Name = **Bear Valley Rd. (EW)**

Total of Both Approaches (VPH) = **2725**

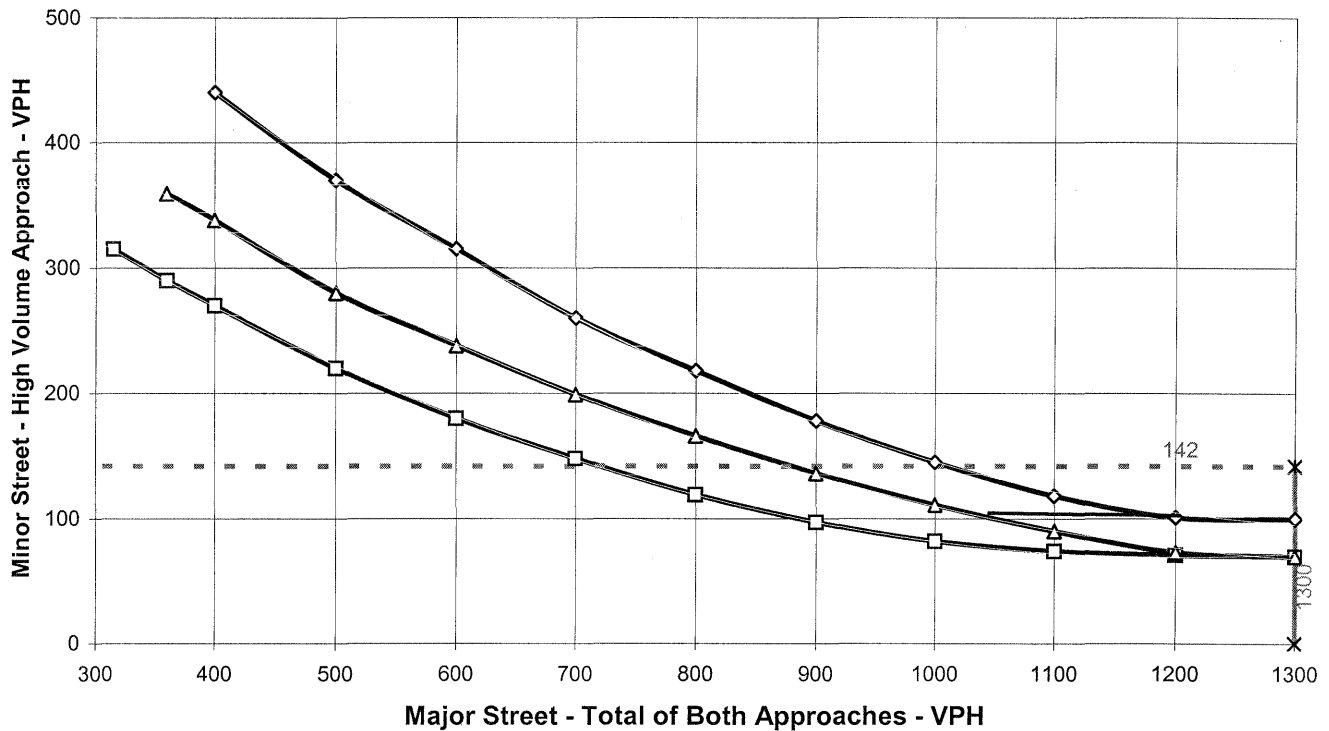
Number of Approach Lanes Major Street = **2**

Minor Street Name = **Deep Creek Rd. (NS)**

High Volume Approach (VPH) = **142**

Number of Approach Lanes Minor Street = **1**

WARRANTED FOR A SIGNAL



- 1 Lane (Major) & 1 Lane (Minor)
- △— 2+ Lanes (Major) & 1 Lane (Minor) OR 1 Lane (Major) & 2+ Lanes (Minor)
- ◇— 2+ Lanes (Major) & 2+ Lanes (Minor)
- x— Major Street Approaches
- *— Minor Street Approaches

**** NOTE:**

100 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACH WITH TWO OR MORE LANES AND 75 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACHING WITH ONE LANE.

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