



City of Manhattan Beach

Community Development

Phone: (310) 802-5500
FAX: (310) 802-5501
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May 14, 2013

Stacy Alameida
CMP Manager
Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza - M/S 99-23-2
Los Angeles, CA 90012-2952

Dear Ms. Alameida:

The City of Manhattan Beach hereby transmits results of our biennial highway monitoring, collected in accordance with the requirements of the Congestion Management Program. The enclosed Level of Service calculations are summarized as follows:

Intersection	Date	Peak Hour	V/C Ratio	LOS
Sepulveda Boulevard & Rosecrans Avenue	04-09-13	8:00-9:00 AM	0.860	D
	04-16-13	8:00-9:00 AM	0.955	E
	05-07-13	8:00-9:00 AM	1.049	F
	AM Peak Hour Average		0.955	E
	04-09-13	5:00-6:00 PM	0.957	E
	04-16-13	4:45-5:45 PM	1.011	F
	05-07-13	4:45-5:45 PM	1.093	F
	PM Peak Hour Average		1.020	F

If you have any questions, please contact me at (562) 908-6254.

Sincerely,

Erik Zandvliet
City Traffic Engineer
Enclosure

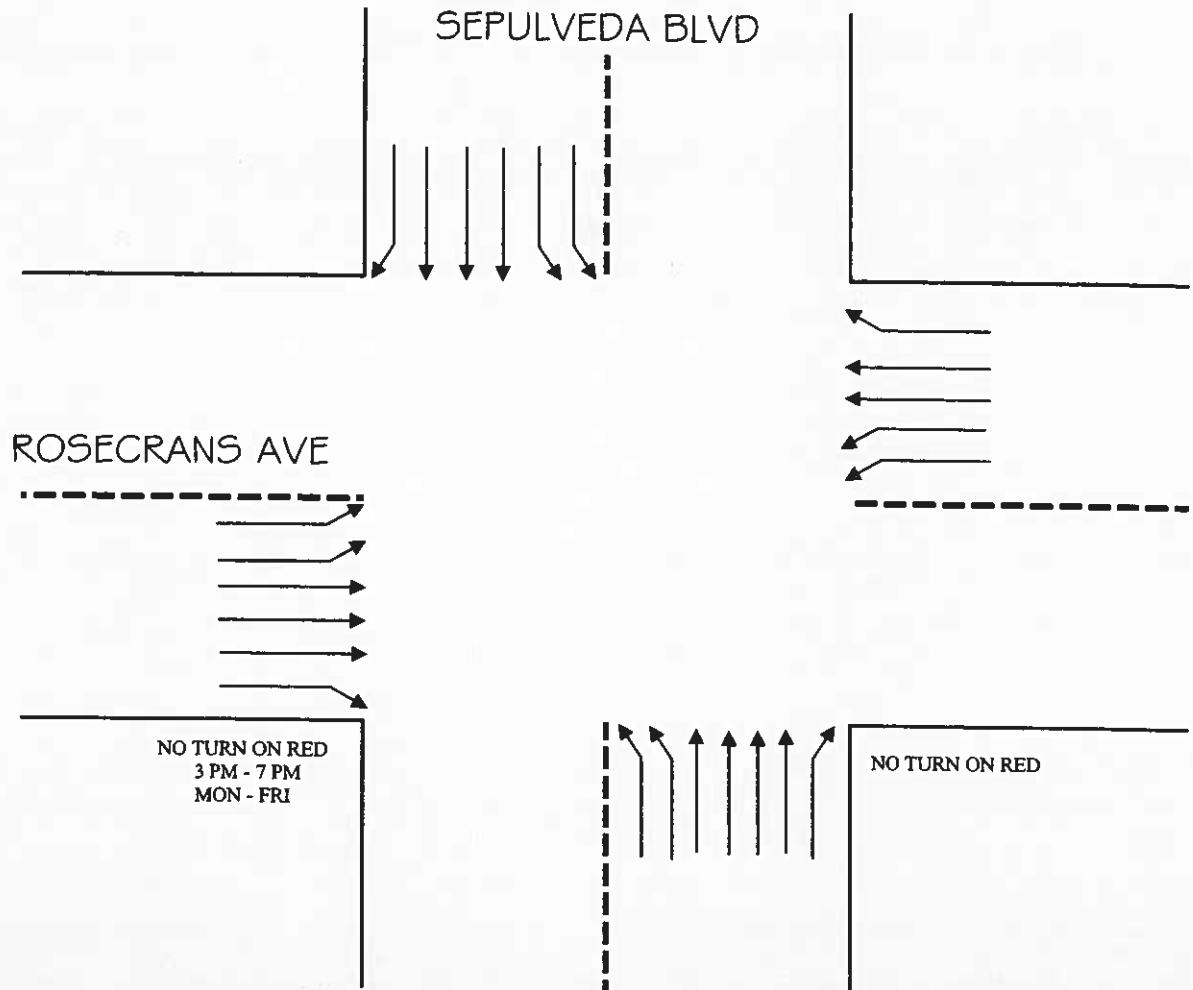
INTERSECTION LAYOUT

Intersection: SEPULVEDA BLVD AND ROSECRANS AVE

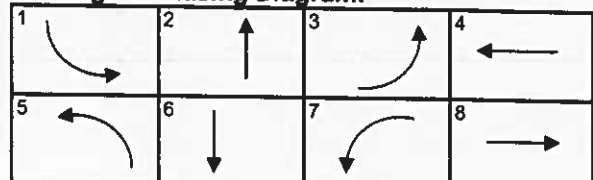
Date: 4/22/2013

Drawn By: J.L.

CMP Monitoring Station No: 110



Signal Phasing Diagram:



KEY:

1.

2.

INTERSECTION CAPACITY UTILIZATION CALCULATION SHEET

Intersection: Sepulveda Boulevard and Rosecrans Avenue						
Count Date: 4/9/2013			Peak Hour: 8:00-9:00 AM			
Analyst: J.L.			Agency: City of Manhattan Beach			
CMP Monitoring Station: 110						
Movement	Volume	Number of Lanes	Capacity	V/C Ratio	Critical Movements	Total
NB Left	242	2	2880	0.084	x	0.536
NB Thru	2861	4	6400	0.447		
NB Right	492	1	1600	0.308		
SB Left	257	2	2880	0.089	x	
SB Thru	864	3	4800	0.180		
SB Right	101	1	1600	0.063		
EB Left	266	2	2880	0.092	x	0.224
EB Thru	627	3	4800	0.131		
EB Right	112	1	1600	0.070		
WB Left	268	2	2880	0.093	x	
WB Thru	287	2	3200	0.090		
WB Right	449	1	1600	0.281		
Sum of Critical V/C Ratios						0.760
Adjustment for Lost Time						0.100
Intersection Capacity Utilization (ICU)						0.860
Level of Service (LOS) - Refer to table below						D

Notes:	Comments:	LOS	Maximum V/C Ratio
1. Per lane Capacity = 1,600 VPH		A	0.6
2. Dual turn lane Capacity = 2,880 VPH		B	0.7
3. Intersection Type: 4-Way X		C	0.8
T		D	0.9
Split N/S		E	1.0
Split E/W		F	n/a

INTERSECTION CAPACITY UTILIZATION CALCULATION SHEET

Intersection: Sepulveda Boulevard and Rosecrans Avenue						
Count Date: 4/16/2013			Peak Hour: 8:00-9:00 AM			
Analyst: J.L.			Agency: City of Manhattan Beach			
CMP Monitoring Station: 110						
Movement	Volume	Number of Lanes	Capacity	V/C Ratio	Critical Movements	Total
NB Left	257	2	2880	0.089	x	0.606
NB Thru	3215	4	6400	0.502		
NB Right	511	1	1600	0.319		
SB Left	300	2	2880	0.104	x	
SB Thru	873	3	4800	0.182		
SB Right	123	1	1600	0.077		
EB Left	312	2	2880	0.108	x	0.249
EB Thru	638	3	4800	0.133		
EB Right	152	1	1600	0.095		
WB Left	333	2	2880	0.116	x	
WB Thru	301	2	3200	0.094		
WB Right	444	1	1600	0.278		
Sum of Critical V/C Ratios						0.855
Adjustment for Lost Time						0.100
Intersection Capacity Utilization (ICU)						0.955
Level of Service (LOS) - Refer to table below						E

Notes:	Comments:	LOS	Maximum V/C Ratio
1. Per lane Capacity = 1,600 VPH		A	0.6
2. Dual turn lane Capacity = 2,880 VPH		B	0.7
3. Intersection Type: 4-Way X		C	0.8
T		D	0.9
Split N/S		E	1.0
Split E/W		F	n/a

INTERSECTION CAPACITY UTILIZATION CALCULATION SHEET

Intersection: Sepulveda Boulevard and Rosecrans Avenue						
Count Date: 5/7/2013			Peak Hour: 8:00-9:00 AM			
Analyst: J.L.			Agency: City of Manhattan Beach			
CMP Monitoring Station: 110						
Movement	Volume	Number of Lanes	Capacity	V/C Ratio	Critical Movements	Total
NB Left	271	2	2880	0.094	x	0.650
NB Thru	3316	4	6400	0.518		
NB Right	485	1	1600	0.303		
SB Left	380	2	2880	0.132	x	
SB Thru	1084	3	4800	0.226		
SB Right	102	1	1600	0.064		
EB Left	325	2	2880	0.113	x	0.299
EB Thru	754	3	4800	0.157		
EB Right	160	1	1600	0.100		
WB Left	408	2	2880	0.142	x	
WB Thru	393	2	3200	0.123		
WB Right	408	1	1600	0.255		
Sum of Critical V/C Ratios						0.949
Adjustment for Lost Time						0.100
Intersection Capacity Utilization (ICU)						1.049
Level of Service (LOS) - Refer to table below						F

Notes:	Comments:	LOS	Maximum V/C Ratio
1. Per lane Capacity = 1,600 VPH		A	0.6
2. Dual turn lane Capacity = 2,880 VPH		B	0.7
3. Intersection Type: 4-Way X		C	0.8
T		D	0.9
Split N/S		E	1.0
Split E/W		F	n/a

INTERSECTION CAPACITY UTILIZATION CALCULATION SHEET

Intersection: Sepulveda Boulevard and Rosecrans Avenue						
Count Date: 4/9/2013			Peak Hour: 5:00-6:00 PM			
Analyst: J.L.			Agency: City of Manhattan Beach			
CMP Monitoring Station: 110						
Movement	Volume	Number of Lanes	Capacity	V/C Ratio	Critical Movements	Total
NB Left	271	2	2880	0.094	x	0.614
NB Thru	1201	4	6400	0.188		
NB Right	325	1	1600	0.203		
SB Left	489	2	2880	0.170	x	
SB Thru	2498	3	4800	0.520		
SB Right	408	1	1600	0.255		
EB Left	238	2	2880	0.083	x	0.243
EB Thru	368	3	4800	0.077		
EB Right	113	1	1600	0.071		
WB Left	416	2	2880	0.144	x	
WB Thru	511	2	3200	0.160		
WB Right	546	1	1600	0.341		
Sum of Critical V/C Ratios						0.857
Adjustment for Lost Time						0.100
Intersection Capacity Utilization (ICU)						0.957
Level of Service (LOS) - Refer to table below						E

Notes:	Comments:	LOS	Maximum V/C Ratio
1. Per lane Capacity = 1,600 VPH		A	0.6
2. Dual turn lane Capacity = 2,880 VPH		B	0.7
3. Intersection Type: 4-Way X		C	0.8
T		D	0.9
Split N/S		E	1.0
Split E/W		F	n/a

INTERSECTION CAPACITY UTILIZATION CALCULATION SHEET

Intersection: Sepulveda Boulevard and Rosecrans Avenue						
Count Date: 4/16/2013			Peak Hour: 4:45-5:45 PM			
Analyst: J.L.			Agency: City of Manhattan Beach			
CMP Monitoring Station: 110						
Movement	Volume	Number of Lanes	Capacity	V/C Ratio	Critical Movements	Total
NB Left	359	2	2880	0.125	x	0.656
NB Thru	1278	4	6400	0.200		
NB Right	334	1	1600	0.209		
SB Left	545	2	2880	0.189	x	
SB Thru	2551	3	4800	0.531		
SB Right	418	1	1600	0.261		
EB Left	261	2	2880	0.091	x	0.255
EB Thru	483	3	4800	0.101		
EB Right	186	1	1600	0.116		
WB Left	426	2	2880	0.148	x	
WB Thru	526	2	3200	0.164		
WB Right	484	1	1600	0.303		
Sum of Critical V/C Ratios						0.911
Adjustment for Lost Time						0.100
Intersection Capacity Utilization (ICU)						1.011
Level of Service (LOS) - Refer to table below						F

Notes:	Comments:	LOS	Maximum V/C Ratio
1. Per lane Capacity = 1,600 VPH		A	0.6
2. Dual turn lane Capacity = 2,880 VPH		B	0.7
3. Intersection Type: 4-Way X		C	0.8
T		D	0.9
Split N/S		E	1.0
Split E/W		F	n/a

INTERSECTION CAPACITY UTILIZATION CALCULATION SHEET

Intersection: Sepulveda Boulevard and Rosecrans Avenue						
Count Date: 5/7/2013			Peak Hour: 4:45-5:45 PM			
Analyst: J.L.			Agency: City of Manhattan Beach			
CMP Monitoring Station: 110						
Movement	Volume	Number of Lanes	Capacity	V/C Ratio	Critical Movements	Total
NB Left	341	2	2880	0.118	x	0.683
NB Thru	1320	4	6400	0.206		
NB Right	386	1	1600	0.241		
SB Left	541	2	2880	0.188	x	
SB Thru	2714	3	4800	0.565		
SB Right	217	1	1600	0.136		
EB Left	282	2	2880	0.098	x	0.310
EB Thru	602	3	4800	0.125		
EB Right	160	1	1600	0.100		
WB Left	534	2	2880	0.185	x	
WB Thru	533	2	3200	0.167		
WB Right	517	1	1600	0.323		
Sum of Critical V/C Ratios						0.993
Adjustment for Lost Time						0.100
Intersection Capacity Utilization (ICU)						1.093
Level of Service (LOS) - Refer to table below						F

Notes:	Comments:	LOS	Maximum V/C Ratio
1. Per lane Capacity = 1,600 VPH		A	0.6
2. Dual turn lane Capacity = 2,880 VPH		B	0.7
3. Intersection Type: 4-Way X		C	0.8
T		D	0.9
Split N/S		E	1.0
Split E/W		F	n/a

CITY TRAFFIC COUNTERS

626.447.4171

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File Name : SepulvedaRose_1

Site Code : 00000000

Start Date : 4/9/2013

Page No : 1

Groups Printed- Unshifted

Start Time	Sepulveda Blvd Southbound			Rosecrans Ave Westbound			Sepulveda Blvd Northbound			Rosecrans Ave Eastbound			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
07:00 AM	24	155	14	56	68	72	47	653	43	61	101	21	1315
07:15 AM	34	199	16	52	59	87	30	689	46	40	96	19	1367
07:30 AM	36	222	15	77	62	109	55	703	50	67	123	28	1547
07:45 AM	49	209	19	64	84	147	49	769	63	66	119	30	1668
Total	143	785	64	249	273	415	181	2814	202	234	439	98	5897
08:00 AM	55	217	21	72	84	134	73	658	87	74	192	25	1692
08:15 AM	59	221	26	65	64	101	54	731	114	63	151	27	1676
08:30 AM	73	204	24	75	75	122	46	692	119	56	146	40	1672
08:45 AM	70	222	30	56	64	92	69	780	172	73	138	20	1786
Total	257	864	101	268	287	449	242	2861	492	266	627	112	6826
04:00 PM	140	516	43	99	80	114	52	277	79	51	116	43	1610
04:15 PM	95	645	45	79	77	133	71	310	85	40	105	36	1721
04:30 PM	174	536	50	109	96	123	50	331	65	56	129	42	1761
04:45 PM	108	671	51	80	100	119	26	301	79	46	88	34	1703
Total	517	2368	189	367	353	489	199	1219	308	193	438	155	6795
05:00 PM	131	588	91	108	159	131	75	285	72	58	105	38	1841
05:15 PM	132	637	99	103	118	126	67	339	96	70	88	23	1898
05:30 PM	123	659	108	110	115	166	75	264	76	57	97	30	1880
05:45 PM	103	614	110	95	119	123	54	313	81	53	78	22	1765
Total	489	2498	408	416	511	546	271	1201	325	238	368	113	7384
Grand Total	1406	6515	762	1300	1424	1899	893	8095	1327	931	1872	478	26902
Apprch %	16.2	75	8.8	28.1	30.8	41.1	8.7	78.5	12.9	28.4	57.1	14.6	
Total %	5.2	24.2	2.8	4.8	5.3	7.1	3.3	30.1	4.9	3.5	7	1.8	

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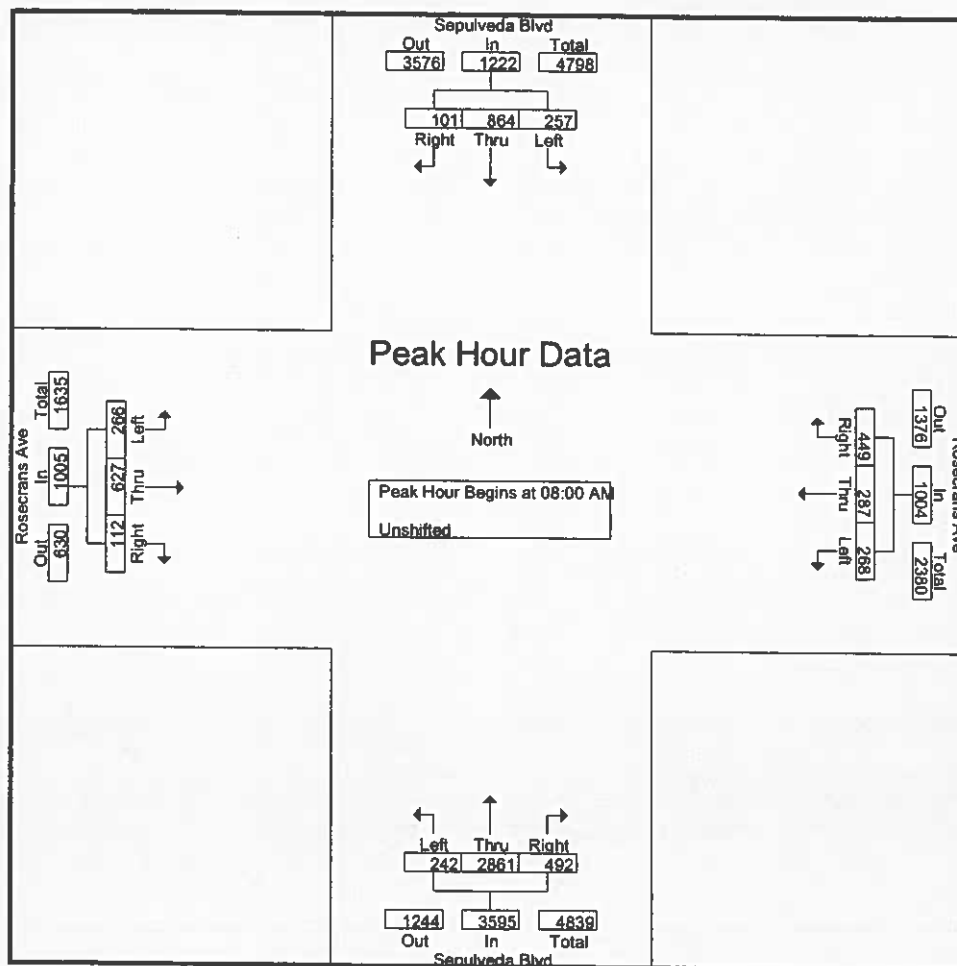
File Name : SepulvedaRose_1

Site Code : 00000000

Start Date : 4/9/2013

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	Sepulveda Blvd Southbound				Rosecrans Ave Westbound				Sepulveda Blvd Northbound				Rosecrans Ave Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	55	217	21	293	72	84	134	290	73	658	87	818	74	192	25	291	1692
08:15 AM	59	221	26	306	65	64	101	230	54	731	114	899	63	151	27	241	1676
08:30 AM	73	204	24	301	75	75	122	272	46	692	119	857	56	146	40	242	1672
08:45 AM	70	222	30	322	56	64	92	212	69	780	172	1021	73	138	20	231	1786
Total Volume	257	864	101	1222	268	287	449	1004	242	2861	492	3595	266	627	112	1005	6826
% App. Total	21	70.7	8.3		26.7	28.6	44.7		6.7	79.6	13.7		26.5	62.4	11.1		
PHF	.880	.973	.842	.949	.893	.854	.838	.866	.829	.917	.715	.880	.899	.816	.700	.863	.955



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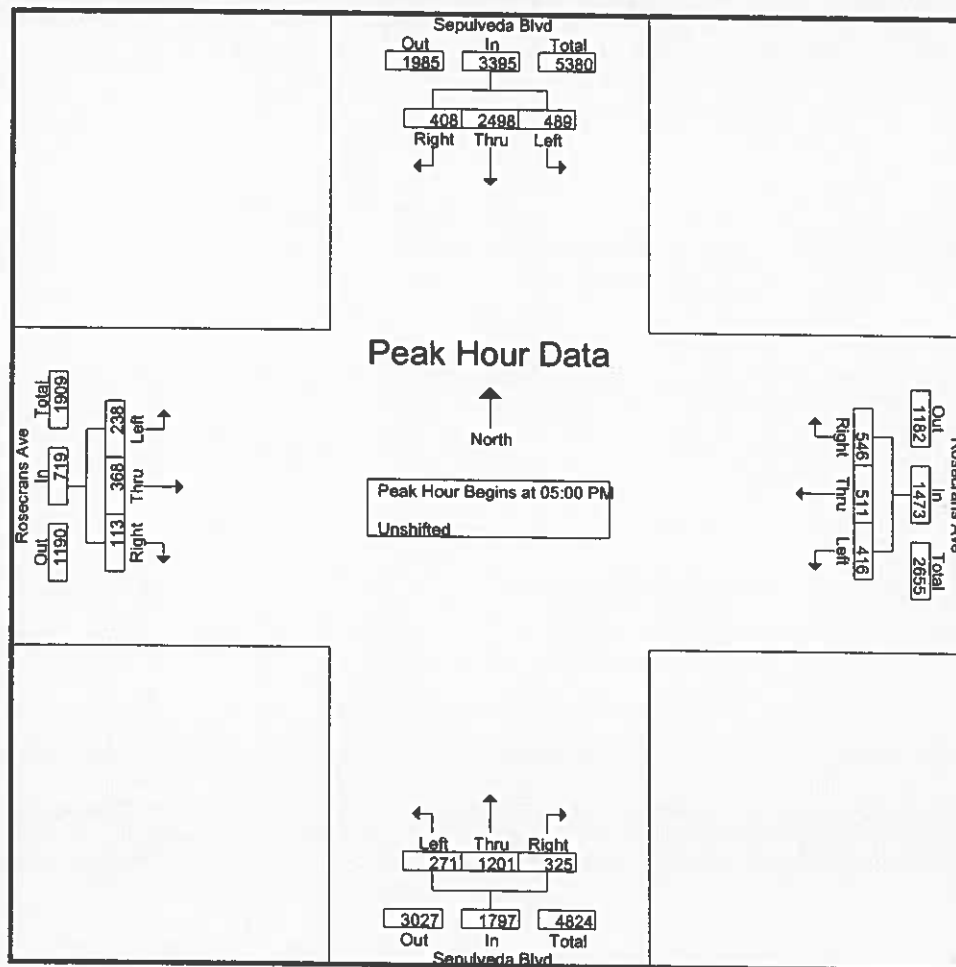
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Site Code : 00000000

Start Date : 4/9/2013

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	Sepulveda Blvd Southbound				Rosecrans Ave Westbound				Sepulveda Blvd Northbound				Rosecrans Ave Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	131	588	91	810	108	159	131	398	75	285	72	432	58	105	38	201	1841
05:15 PM	132	637	99	868	103	118	126	347	67	339	96	502	70	88	23	181	1898
05:30 PM	123	659	108	890	110	115	166	391	75	264	76	415	57	97	30	184	1880
05:45 PM	103	614	110	827	95	119	123	337	54	313	81	448	53	78	22	153	1765
Total Volume	489	2498	408	3395	416	511	546	1473	271	1201	325	1797	238	368	113	719	7384
% App. Total	14.4	73.6	12		28.2	34.7	37.1		15.1	66.8	18.1		33.1	51.2	15.7		
PHF	.926	.948	.927	.954	.945	.803	.822	.925	.903	.886	.846	.895	.850	.876	.743	.894	.973



CITY TRAFFIC COUNTERS

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File Name : SepulvedaRose_2

Site Code : 00000000

Start Date : 4/16/2013

Page No : 1

Groups Printed- Unshifted

Start Time	Sepulveda Blvd Southbound			Rosecrans Blvd Westbound			Sepulveda Blvd Northbound			Rosecrans Blvd Eastbound			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
07:00 AM	30	170	16	61	71	85	41	664	51	70	110	28	1397
07:15 AM	44	207	30	68	72	88	68	762	79	57	93	22	1590
07:30 AM	41	228	25	79	86	103	47	704	70	73	129	64	1649
07:45 AM	59	267	32	52	76	88	66	770	91	69	124	60	1754
Total	174	872	103	260	305	364	222	2900	291	269	456	174	6390
08:00 AM	59	217	35	92	75	134	94	844	119	89	185	36	1979
08:15 AM	78	203	23	65	70	113	54	864	150	72	169	36	1897
08:30 AM	73	210	25	99	86	96	45	748	96	76	157	46	1757
08:45 AM	90	243	40	77	70	101	64	759	146	75	127	34	1826
Total	300	873	123	333	301	444	257	3215	511	312	638	152	7459
04:00 PM	116	514	45	121	84	135	78	263	55	43	128	62	1644
04:15 PM	91	619	53	102	82	111	56	344	95	64	107	42	1766
04:30 PM	149	555	70	126	129	122	65	315	82	64	131	43	1851
04:45 PM	93	704	85	96	108	108	86	353	79	51	98	43	1904
Total	449	2392	253	445	403	476	285	1275	311	222	464	190	7165
05:00 PM	178	590	115	106	155	99	95	281	80	68	141	48	1956
05:15 PM	144	655	110	114	117	132	86	355	91	61	107	40	2012
05:30 PM	130	602	108	110	146	145	92	289	84	81	137	55	1979
05:45 PM	104	511	188	114	108	118	59	339	74	69	100	34	1818
Total	556	2358	521	444	526	494	332	1264	329	279	485	177	7765
Grand Total	1479	6495	1000	1482	1535	1778	1096	8654	1442	1082	2043	693	28779
Apprch %	16.5	72.4	11.1	30.9	32	37.1	9.8	77.3	12.9	28.3	53.5	18.2	
Total %	5.1	22.6	3.5	5.1	5.3	6.2	3.8	30.1	5	3.8	7.1	2.4	

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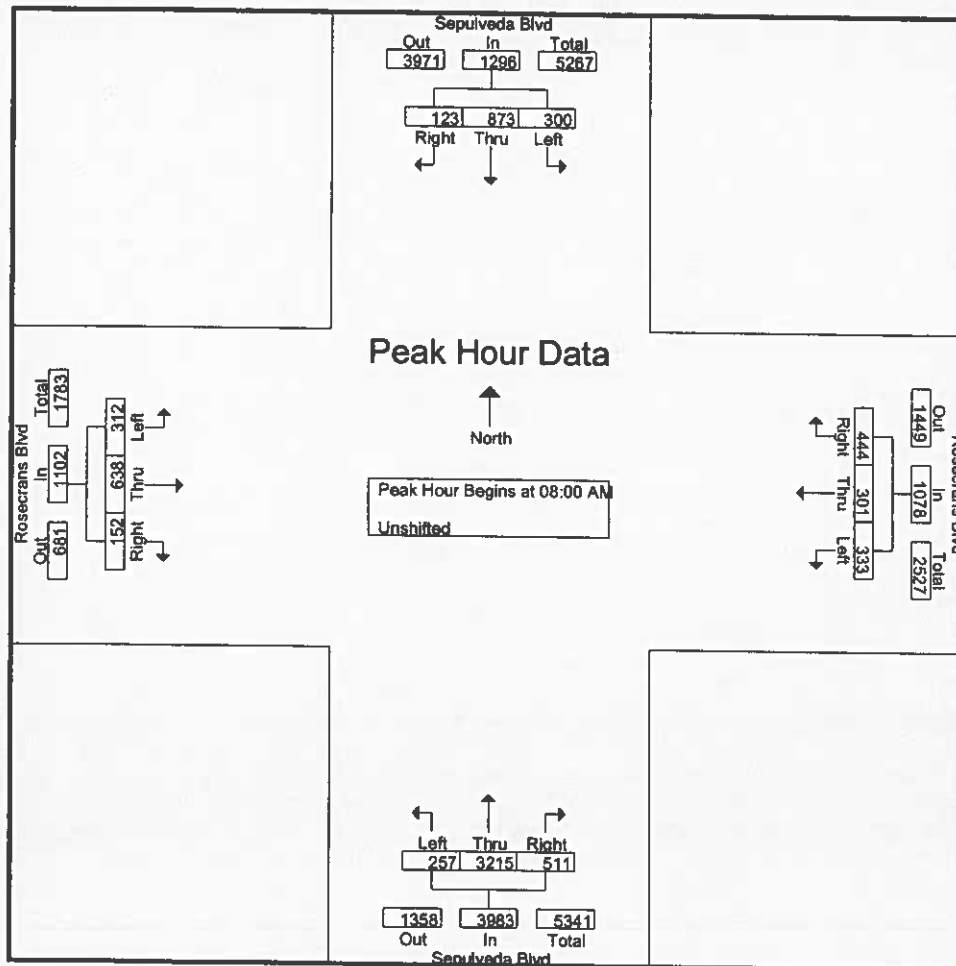
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Site Code : 00000000

Start Date : 4/16/2013

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Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	59	217	35	311	92	75	134	301	94	844	119	1057	89	185	36	310	1979
08:15 AM	78	203	23	304	65	70	113	248	54	864	150	1068	72	169	36	277	1897
08:30 AM	73	210	25	308	99	86	96	281	45	748	96	889	76	157	46	279	1757
08:45 AM	90	243	40	373	77	70	101	248	64	759	146	969	75	127	34	236	1826
Total Volume	300	873	123	1296	333	301	444	1078	257	3215	511	3983	312	638	152	1102	7459
% App. Total	23.1	67.4	9.5		30.9	27.9	41.2		6.5	80.7	12.8		28.3	57.9	13.8		
PHF	.833	.898	.769	.869	.841	.875	.828	.895	.684	.930	.852	.932	.876	.862	.826	.889	.942



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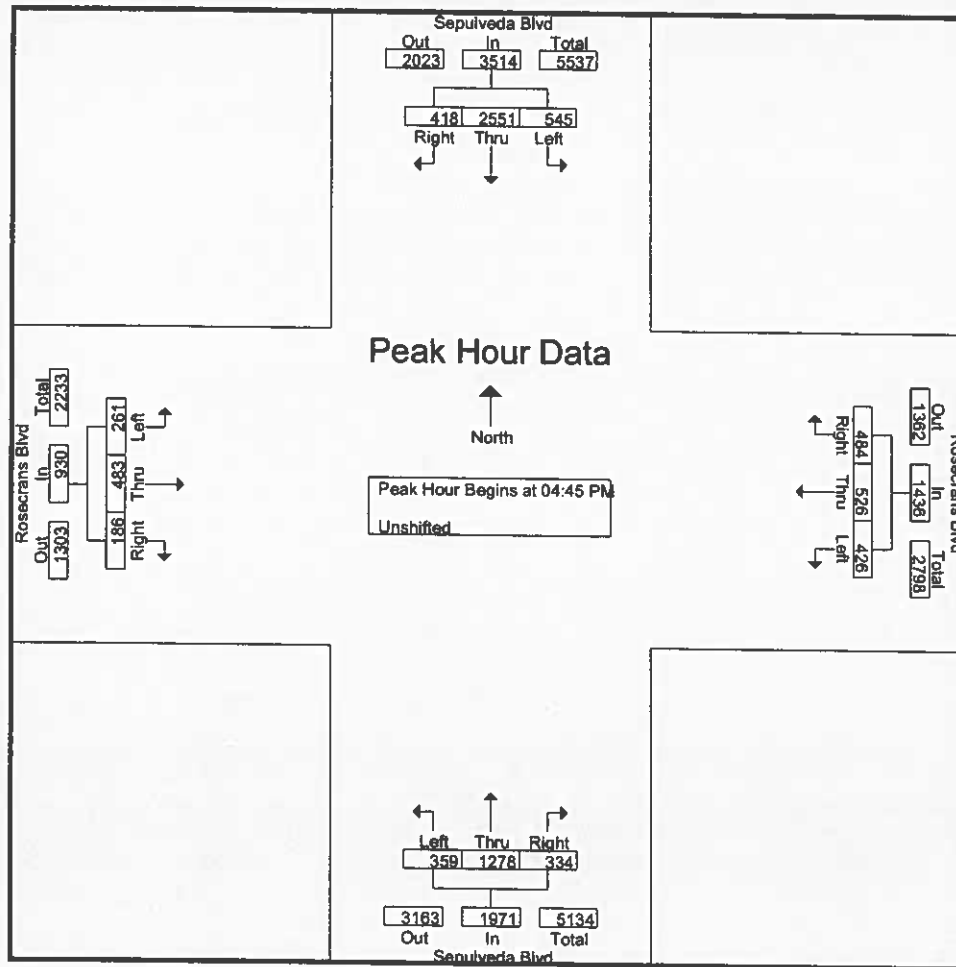
File Name : SepulvedaRose_2

Site Code : 00000000

Start Date : 4/16/2013

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	Sepulveda Blvd Southbound				Rosecrans Blvd Westbound				Sepulveda Blvd Northbound				Rosecrans Blvd Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	93	704	85	882	96	108	108	312	86	353	79	518	51	98	43	192	1904
05:00 PM	178	590	115	883	106	155	99	360	95	281	80	456	68	141	48	257	1956
05:15 PM	144	655	110	909	114	117	132	363	86	355	91	532	61	107	40	208	2012
05:30 PM	130	602	108	840	110	146	145	401	92	289	84	465	81	137	55	273	1979
Total Volume	545	2551	418	3514	426	526	484	1436	359	1278	334	1971	261	483	186	930	7851
% App. Total	15.5	72.6	11.9		29.7	36.6	33.7		18.2	64.8	16.9		28.1	51.9	20		
PHF	.765	.906	.909	.966	.934	.848	.834	.895	.945	.900	.918	.926	.806	.856	.845	.852	.976



CITY TRAFFIC COUNTERS

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File Name : RoseSepulveda

Site Code : 00000000

Start Date : 5/7/2013

Page No : 1

Groups Printed- Unshifted

	Sepulveda Blvd Southbound			Rosecrans Blvd Westbound			Sepulveda Blvd Northbound			Rosecrans Blvd Eastbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Int. Total
07:00 AM	21	156	12	87	78	87	45	682	66	53	97	20	1404
07:15 AM	42	243	22	93	73	94	68	807	67	71	96	21	1697
07:30 AM	35	211	24	103	96	113	72	819	71	90	129	43	1806
07:45 AM	78	274	26	82	83	111	73	847	77	93	135	71	1950
Total	176	884	84	365	330	405	258	3155	281	307	457	155	6857
08:00 AM	81	249	24	102	91	105	77	829	111	83	210	36	1998
08:15 AM	95	254	22	80	103	109	79	846	119	87	188	31	2013
08:30 AM	89	277	30	111	98	81	52	830	116	84	183	35	1986
08:45 AM	115	304	26	115	101	113	63	811	139	71	173	58	2089
Total	380	1084	102	408	393	408	271	3316	485	325	754	160	8086
04:00 PM	125	603	39	147	82	141	71	261	80	64	139	51	1803
04:15 PM	113	675	30	111	89	147	81	382	89	52	123	30	1922
04:30 PM	154	553	45	131	132	136	58	324	86	73	155	39	1886
04:45 PM	124	747	42	135	115	123	86	367	99	65	149	32	2084
Total	516	2578	156	524	418	547	296	1334	354	254	566	152	7695
05:00 PM	158	644	57	122	144	131	85	277	112	73	160	53	2016
05:15 PM	132	708	60	148	148	138	81	375	93	63	156	35	2137
05:30 PM	127	615	58	129	126	125	89	301	82	81	137	40	1910
05:45 PM	130	652	51	134	158	123	86	373	77	72	129	32	2017
Total	547	2619	226	533	576	517	341	1326	364	289	582	160	8080
Grand Total	1619	7165	568	1830	1717	1877	1166	9131	1484	1175	2359	627	30718
Apprch %	17.3	76.6	6.1	33.7	31.7	34.6	9.9	77.5	12.6	28.2	56.7	15.1	
Total %	5.3	23.3	1.8	6	5.6	6.1	3.8	29.7	4.8	3.8	7.7	2	

CITY TRAFFIC COUNTERS

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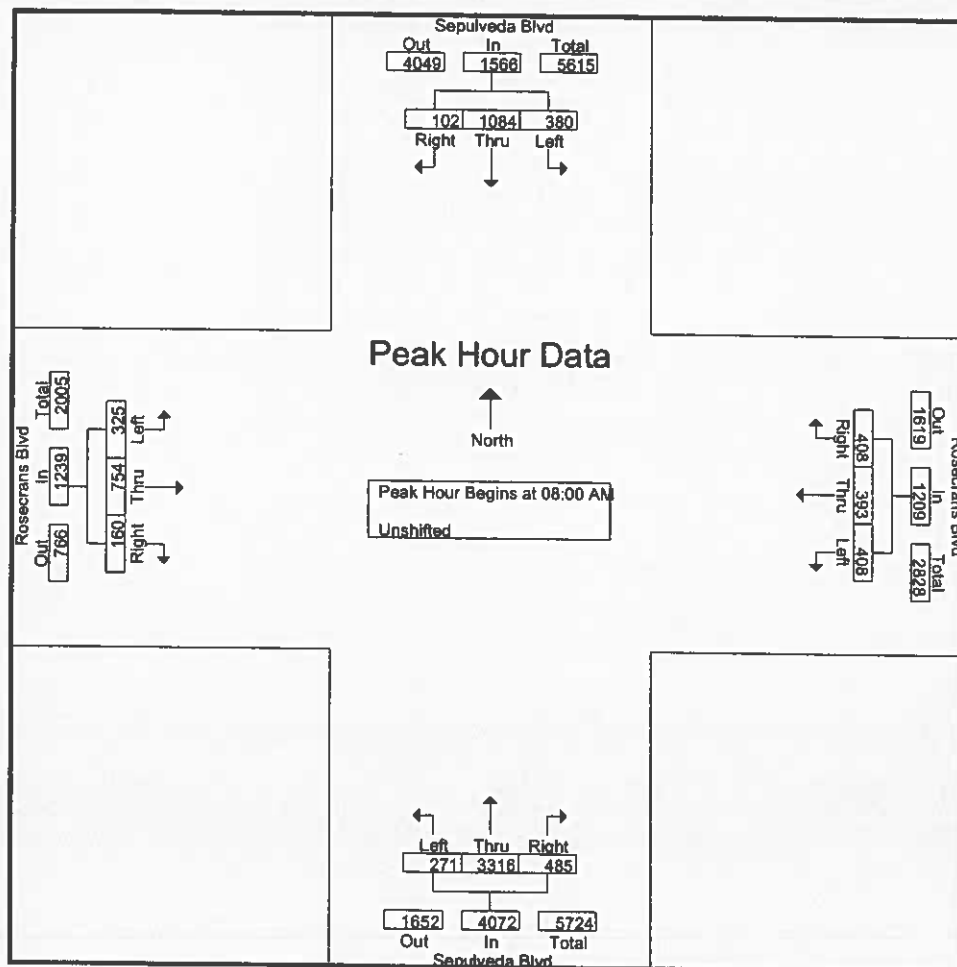
File Name : RoseSepulveda

Site Code : 00000000

Start Date : 5/7/2013

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	Sepulveda Blvd Southbound				Rosecrans Blvd Westbound				Sepulveda Blvd Northbound				Rosecrans Blvd Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	81	249	24	354	102	91	105	298	77	829	111	1017	83	210	36	329	1998
08:15 AM	95	254	22	371	80	103	109	292	79	846	119	1044	87	188	31	306	2013
08:30 AM	89	277	30	396	111	98	81	290	52	830	116	998	84	183	35	302	1986
08:45 AM	115	304	26	445	115	101	113	329	63	811	139	1013	71	173	58	302	2089
Total Volume	380	1084	102	1566	408	393	408	1209	271	3316	485	4072	325	754	160	1239	8086
% App. Total	24.3	69.2	6.5		33.7	32.5	33.7		6.7	81.4	11.9		26.2	60.9	12.9		
PHF	.826	.891	.850	.880	.887	.954	.903	.919	.858	.980	.872	.975	.934	.898	.690	.941	.968



CITY TRAFFIC COUNTERS

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File Name : RoseSepulveda

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	Sepulveda Blvd Southbound				Rosecrans Blvd Westbound				Sepulveda Blvd Northbound				Rosecrans Blvd Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	124	747	42	913	135	115	123	373	86	367	99	552	65	149	32	246	2084
05:00 PM	158	644	57	859	122	144	131	397	85	277	112	474	73	160	53	286	2016
05:15 PM	132	708	60	900	148	148	138	434	81	375	93	549	63	156	35	254	2137
05:30 PM	127	615	58	800	129	126	125	380	89	301	82	472	81	137	40	258	1910
Total Volume	541	2714	217	3472	534	533	517	1584	341	1320	386	2047	282	602	160	1044	8147
% App. Total	15.6	78.2	6.2		33.7	33.6	32.6		16.7	64.5	18.9		27	57.7	15.3		
PHF	.856	.908	.904	.951	.902	.900	.937	.912	.958	.880	.862	.927	.870	.941	.755	.913	.953

