Scenario Report

Scenario:	PM Existing
Command:	Default Command
Volume:	Existing PM
Geometry:	Existing
Impact Fee:	Default Impact Fee
Trip Generation:	PM Peak Hour
Trip Distribution:	General
Paths:	Existing
Routes:	Default Route
Configuration:	Default Configuration

Impact Analysis Report
Level Of Service

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2901 Western_Dr/High_St	D	34.9	0.442	E	45.9	0.544	+11.064 D/V
#2902 Bay-Coolidge/High	C	33.6	0.901	D	35.4	0.919	+ 1.844 D/V
#2903 High/Moore	A	4.8	0.499	A	4.8	0.506	-0.028 D/V
#2904 High/Laurent	F	53.4	1.045	F	59.6	1.066	+ 0.022 V/C
#2905 River/Potrero	B	17.8	0.570	B	18.0	0.605	+ 0.241 D/V
#2906 River-Hwy_9/Hwy_1	E	75.4	0.874	F	83.9	0.942	+ 8.503 D/V
#2907 River/Fern	B	13.8	0.444	B	14.5	0.464	+ 0.678 D/V
#2908 River/Encinal	E	61.4	1.038	E	73.9	1.099	+12.488 D/V
#2909 Ocean-Hwy_17/Plymouth-Ocean_Ex	C	31.4	0.651	C	31.5	0.662	+ 0.070 D/V
#2910 Market/Goss-Isbel	B	12.6	0.538	B	12.8	0.546	+ 0.008 V/C
#2911 N.Branciforte/Goss	B	14.5	0.617	B	14.6	0.618	+ 0.001 V/C
#2912 Morrissey_Blvd/Fairmount_Av	A	8.0	0.469	A	8.0	0.470	+ 0.042 D/V
#2913 Bay/Nobel-Iowa	B	11.5	0.498	B	11.6	0.503	+ 0.071 D/V
#2914 Bay_St/Escalona_Dr	F	739.8	1.937	F	782.2	2.015	+42.378 D/V
#2915 Bay_St/King_St	B	13.0	0.786	B	13.6	0.799	+ 0.569 D/V
#2916 King_St/Laurel_St	B	14.8	0.702	B	15.0	0.707	+ 0.006 V/C
#2917 Storey/King	B	14.5	0.593	B	15.0	0.608	+ 0.015 V/C
#2918 Shaffer/Highway_1	D	26.2	0.219	D	30.1	0.281	+ 3.946 D/V
#2919 Western/Highway_1	B	14.5	0.554	B	15.3	0.574	+ 0.735 D/V
#2920 Swift/Mission	B	15.6	0.529	B	19.1	0.702	+ 3.517 D/V
#2921 Miramar/Mission	B	18.2	0.480	B	19.0	0.533	+ 0.803 D/V
#2922 Almar-Younglove/Mission	B	10.0	0.364	B	10.7	0.474	+ 0.672 D/V
#2923 Bay/Mission	D	46.8	0.882	E	55.8	0.944	+ 9.037 D/V
#2924 Laurel/Mission	C	23.9	0.688	C	24.9	0.782	+ 0.992 D/V
#2925 Mission/Walnut	B	15.1	0.526	B	17.8	0.598	+ 2.706 D/V

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2926 King/Mission	C	30.5	0.795	C	32.7	0.877	+ 2.250 D/V
#2927 Chestnut/Mission	D	40.7	0.837	D	42.9	0.905	+ 2.191 D/V
#2928 N_Pacific/River	B	10.9	0.507	B	11.6	0.567	+ 0.762 D/V
#2929 Center/Mission	C	31.3	0.804	C	34.5	0.855	+ 3.255 D/V
#2930 Pacific/Water-Mission	C	21.4	0.455	C	22.0	0.486	+ 0.522 D/V
#2931 River/Water	C	29.2	0.693	C	30.1	0.726	+ 0.911 D/V
#2932 Ocean/Washburn-Keenan	A	4.3	0.571	A	4.4	0.584	+ 0.127 D/V
#2933 Ocean/Water	E	67.9	1.050	E	73.6	1.081	+ 5.701 D/V
#2934 Market/Water	C	21.9	0.727	C	22.3	0.748	+ 0.394 D/V
#2935 N_Branciforte/Water	D	35.6	0.808	D	36.6	0.834	+ 0.965 D/V
#2936 Seabright/Water	F	OVRFL	2.656	F	OVRFL	3.113	+244.376 D/
#2937 Morrissey/Soquel/Water	E	61.0	1.075	E	65.4	1.093	+ 4.343 D/V
#2938 Frederick/Soquel	C	27.4	0.885	C	28.6	0.907	+ 1.176 D/V
#2939 Hagemann-Trevethan/Soquel	A	8.2	0.667	A	8.4	0.689	+ 0.278 D/V
#2940 Park/Soquel	B	11.1	0.820	B	11.6	0.842	+ 0.478 D/V
#2941 Capitola_Rd/Soquel_Av	C	31.0	0.939	D	37.4	0.991	+ 6.360 D/V
#2942 La_Fonda_Av/Soquel_Av	B	10.4	0.280	B	10.3	0.282	-0.047 D/V
#2943 California_Ave/Bay	F	60.0	1.100	F	67.6	1.130	+ 0.030 V/C
#2944 California_St/Bay	F	389.4	1.614	F	434.0	1.704	+44.673 D/V
#2945 California_St/Laurel_St	C	20.0	0.621	C	20.3	0.641	+ 0.281 D/V
#2946 Chestnut/Laurel	B	16.9	0.628	B	17.2	0.639	+ 0.349 D/V
#2947 Center/Laurel	B	15.6	0.606	B	16.0	0.620	+ 0.315 D/V
#2948 Cedar/Laurel	C	16.1	0.256	C	16.4	0.259	+ 0.288 D/V
#2949 Pacific/Laurel	B	18.5	0.696	B	18.9	0.709	+ 0.360 D/V
#2950 Front/Laurel	C	26.1	0.689	C	26.4	0.700	+ 0.322 D/V
#2951 Front/Metro_Center	A	2.7	0.415	A	2.6	0.422	-0.015 D/V

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2952 Front/Cathcart	A	6.5	0.379	A	6.6	0.386	+ 0.112 D/V
#2953 Front/Soquel	C	25.3	0.552	C	25.5	0.627	+ 0.174 D/V
#2954 Front/Cooper	A	8.3	0.441	A	9.6	0.499	+ 1.244 D/V
#2955 River_S/Soquel	B	17.6	0.526	B	17.8	0.536	+ 0.210 D/V
#2956 Riverside-Dakota/Soquel	A	9.0	0.340	A	8.7	0.359	-0.330 D/V
#2957 Ocean_St/Soquel_Av	D	39.9	0.644	D	40.3	0.663	+ 0.429 D/V
#2958 Branciforte/Soquel	C	22.5	0.748	C	23.6	0.780	+ 1.130 D/V
#2959 Seabright/Soquel	C	32.0	0.823	C	32.9	0.835	+ 0.916 D/V
#2960 San_Lorenzo_Blvd/Broadway(Laur	B	11.8	0.614	B	11.9	0.628	+ 0.093 D/V
#2961 Ocean_St/Broadway	C	33.5	0.740	C	34.3	0.752	+ 0.741 D/V
#2962 S_Branciforte/Broadway	B	11.6	0.671	B	11.7	0.683	+ 0.116 D/V
#2963 Seabright/Broadway	B	14.3	0.717	B	14.6	0.732	+ 0.318 D/V
#2964 Pacific-Center/W_Cliff-Pacific	B	12.1	0.541	B	12.2	0.548	+ 0.007 V/C
#2965 W_Cliff/Bay	C	15.8	0.633	C	16.2	0.642	+ 0.010 V/C
#2966 Pacific/Beach	C	17.6	0.771	C	20.9	0.848	+ 0.077 V/C
#2967 Cliff/Beach	B	10.8	0.400	B	10.8	0.400	+ 0.000 V/C
#2968 Riverside/Beach	A	6.2	0.077	A	6.2	0.077	+ 0.000 D/V
#2969 Riverside/Second-Leibrandt	A	7.5	0.097	A	7.5	0.097	+ 0.000 V/C
#2970 Riverside/3rd_St	C	34.4	0.800	C	34.7	0.806	+ 0.282 D/V
#2971 Riverside/San_Lorenzo_Blvd	C	28.8	0.665	C	28.9	0.669	+ 0.106 D/V
#2972 Ocean_St/E_Cliff_Dr	E	63.6	1.057	E	64.7	1.061	+ 1.102 D/V
#2973 Seabright/Murray	D	44.7	0.877	D	44.8	0.879	+ 0.082 D/V
#2974 Swift/Delaware	B	10.9	0.500	C	23.9	1.001	+ 0.501 V/C
#2975 Seventh/Soquel	C	23.3	0.747	C	23.3	0.748	-0.021 D/V
#2976 Seventh/Capitola	C	26.8	0.609	C	26.8	0.626	+ 0.003 D/V
#2977 Seventh/Brommer	C	18.3	0.713	C	19.3	0.744	+ 0.032 V/C

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2978 Seventh/Eaton	D	36.5	0.844	D	36.8	0.848	+ 0.274 D/V
#2979 Seventh/E_Cliff	C	15.8	0.677	C	15.8	0.678	+ 0.001 V/C

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------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2901 Western_Dr/High_St
******************************************************************************
Average Delay (sec/veh):      7.9       Worst Case Level Of Service: E[ 45.9]
******************************************************************************
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    0  0  0  1  0    1  0  1  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:Oct/Nov '03
Base Vol:     124    0    86     0    0     0     0  654    81    47  378     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:  124    0    86     0    0     0     0  654    81    47  378     0
Added Vol:     25    0     0     0    0     0     0    8    10     2   12     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  149    0    86     0    0     0     0  662    91    49  390     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:     0.91 0.91  0.91  0.91 0.91  0.91  0.91 0.91  0.91  0.91 0.91  0.91
PHF Volume:   164    0    95     0    0     0     0  727   100    54  429     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:  164    0    95     0    0     0     0  727   100    54  429     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  6.4  6.5   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   4.1 xxxx xxxxx
FollowUpTim:  3.5  4.0   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   2.2 xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 1314 1314   777  xxxx xxxx xxxxx  xxxx xxxx xxxxx   827 xxxx xxxxx
Potent Cap.:  175  158   397  xxxx xxxx xxxxx  xxxx xxxx xxxxx   804 xxxx xxxxx
Move Cap.:    166  148   397  xxxx xxxx xxxxx  xxxx xxxx xxxxx   804 xxxx xxxxx
Total Cap:    301  269 xxxxx   177  242 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  0.54 0.00  0.24  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.07 xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.2 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx   9.8 xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     A    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx  330 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx  6.3 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx 45.9 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    E     *     *    *     *     *    *     *     *    *     *
ApproachDel:       45.9           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         E                *                *                *
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2902 Bay-Coolidge/High

Cycle (sec):	70	Critical Vol./Cap.(X):	0.919
Loss Time (sec):	9	Average Delay (sec/veh):	35.4
Optimal Cycle:	93	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	1 1	0	0 1	0 0	1	0 1	0 0	1
Volume Module: >> Count Date: 23 Jan 2003 << 5:00 - 6:00 PM												
Base Vol:	153	372	55	347	664	44	164	301	245	113	247	172
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:	153	372	55	347	664	44	164	301	245	113	247	172
Added Vol:	2	0	0	5	1	0	0	6	2	0	11	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	155	372	55	352	665	44	164	307	247	113	258	175
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	168	404	60	383	723	48	178	334	268	123	280	190
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	168	404	60	383	723	48	178	334	268	123	280	190
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:	168	404	60	383	723	48	178	334	268	123	280	190
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.70	0.90	0.89	0.89	0.58	0.59	0.79	0.58	0.58	0.82
Lanes:	1.00	2.00	1.00	1.00	1.88	0.12	0.35	0.65	1.00	0.31	0.69	1.00
Final Sat.:	1753	3505	1339	1702	3164	209	387	724	1503	335	764	1559
Capacity Analysis Module:												
Vol/Sat:	0.10	0.12	0.04	0.22	0.23	0.23	0.46	0.46	0.18	0.37	0.37	0.12
Crit Moves:		****		****				****				
Green/Cycle:	0.11	0.13	0.13	0.24	0.26	0.26	0.50	0.50	0.50	0.50	0.50	0.50
Volume/Cap:	0.88	0.92	0.36	0.92	0.88	0.88	0.92	0.92	0.36	0.73	0.73	0.24
Uniform Del:	30.7	30.3	28.0	25.8	24.8	24.8	16.1	16.1	10.6	13.8	13.8	9.9
IncremntDel:	33.4	24.2	1.3	25.2	9.9	9.9	20.4	20.4	0.3	5.0	5.0	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	64.1	54.5	29.3	51.0	34.7	34.7	36.6	36.6	10.9	18.8	18.8	10.1
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:	64.1	54.5	29.3	51.0	34.7	34.7	36.6	36.6	10.9	18.8	18.8	10.1
LOS by Move:	E	D	C	D	C	C	D	D	B	B	B	B
HCM2kAvgQ:	7	8	2	12	12	12	15	15	4	7	7	2

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

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-------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2903 High/Moore
*******************************************************************************
Cycle (sec):          60               Critical Vol./Cap.(X):         0.506
Loss Time (sec):       6               Average Delay (sec/veh):         4.8
Optimal Cycle:        26               Level Of Service:                  A
*******************************************************************************
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        Permitted        Permitted
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        0  0  1! 0  0    0  1  0  0  1    1  0  0  1  0    1  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 23 Jan 2003 << 4:30 - 5:30 PM
Base Vol:      18    7    17    45   21    41     9  643    24    24  498    21
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:   18    7    17    45   21    41     9  643    24    24  498    21
Added Vol:      0    0     0     0    0     0     0   10     0     0   20     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   18    7    17    45   21    41     9  653    24    24  518    21
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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:    20    8    19    50   23    46    10  726    27    27  576    23
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   20    8    19    50   23    46    10  726    27    27  576    23
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:   20    8    19    50   23    46    10  726    27    27  576    23
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.74 0.74  0.74  0.78 0.79  0.84  0.40 0.98  0.97  0.32 0.97  0.97
Lanes:       0.43 0.17  0.40  0.68 0.32  1.00  1.00 0.96  0.04  1.00 0.96  0.04
Final Sat.:   602  234   569  1016  474  1587   759 1787    66   611 1779    72
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.03 0.03  0.03  0.05 0.05  0.03  0.01 0.41  0.41  0.04 0.32  0.32
Crit Moves:                        ****              ****
Green/Cycle: 0.10 0.10  0.10  0.10 0.10  0.10  0.80 0.80  0.80  0.80 0.80  0.80
Volume/Cap:  0.34 0.34  0.34  0.51 0.51  0.30  0.02 0.51  0.51  0.05 0.40  0.40
Uniform Del: 25.3 25.3  25.3  25.7 25.7  25.2   1.2  2.0   2.0   1.2  1.7   1.7
IncremntDel:  1.5  1.5   1.5   2.9  2.9   1.1   0.0  0.3   0.3   0.0  0.2   0.2
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   26.8 26.8  26.8  28.6 28.6  26.2   1.2  2.3   2.3   1.3  1.9   1.9
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:  26.8 26.8  26.8  28.6 28.6  26.2   1.2  2.3   2.3   1.3  1.9   1.9
LOS by Move:    C    C     C     C    C     C     A    A     A     A    A     A
HCM2kAvgQ:      1    1     1     2    2     1     0    4     4     0    4     4
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Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2904 High/Laurent

Cycle (sec):	100	Critical Vol./Cap.(X):	1.066
Loss Time (sec):	0	Average Delay (sec/veh):	59.6
Optimal Cycle:	0	Level Of Service:	F

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module: >> Count Date: 23 Jan 2003 << 4:30 - 5:30 PM												
Base Vol:	16	21	16	17	8	16	34	605	38	14	568	27
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:	16	21	16	17	8	16	34	605	38	14	568	27
Added Vol:	0	0	0	0	0	0	0	10	0	0	20	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	16	21	16	17	8	16	34	615	38	14	588	27
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	17	23	17	18	9	17	37	668	41	15	639	29
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	17	23	17	18	9	17	37	668	41	15	639	29
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:	17	23	17	18	9	17	37	668	41	15	639	29
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.30	0.40	0.30	0.41	0.20	0.39	0.05	0.89	0.06	0.02	0.94	0.04
Final Sat.:	155	203	155	211	99	199	35	627	39	16	656	30
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.11	0.09	0.09	0.09	1.07	1.07	1.07	0.97	0.97	0.97
Crit Moves:	****			****			****					****
Delay/Veh:	10.8	10.8	10.8	10.6	10.6	10.6	74.9	74.9	74.9	50.1	50.1	50.1
Delay 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
AdjDel/Veh:	10.8	10.8	10.8	10.6	10.6	10.6	74.9	74.9	74.9	50.1	50.1	50.1
LOS by Move:	B	B	B	B	B	B	F	F	F	F	F	F
ApproachDel:	10.8			10.6			74.9			50.1		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	10.8			10.6			74.9			50.1		
LOS by Appr:	B			B			F			F		
AllWayAvgQ:	0.1	0.1	0.1	0.1	0.1	0.1	13.0	13.0	13.0	8.2	8.2	8.2

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

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PM Existing                Thu Jan 21, 2010 14:20:01                Page 11-1
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-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2905 River/Potrero
*******************************************************************************
Cycle (sec):          60               Critical Vol./Cap.(X):         0.605
Loss Time (sec):       9               Average Delay (sec/veh):        18.0
Optimal Cycle:        38               Level Of Service:                  B
*******************************************************************************
Approach:      North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Protected        Protected         Permitted        Permitted
Rights:           Include          Include           Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  1  1  0    1  0  1  1  0    0  1  0  0  1    0  1  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 15 Apr 2004 << 5:00 - 6:00 PM
Base Vol:      71  407    66   249  323    89    99   10    43   190    9   234
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:   71  407    66   249  323    89    99   10    43   190    9   234
Added Vol:      3   69     0     0   51     4    22    0    14     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   74  476    66   249  374    93   121   10    57   190    9   234
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    80  517    72   271  407   101   132   11    62   207   10   254
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   80  517    72   271  407   101   132   11    62   207   10   254
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:   80  517    72   271  407   101   132   11    62   207   10   254
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 0.91  0.91  0.93 0.90  0.90  0.55 0.55  0.82  0.59 0.60  0.83
Lanes:       1.00 1.76  0.24  1.00 1.60  0.40  0.92 0.08  1.00  0.96 0.04  1.00
Final Sat.:  1769 3051   423  1769 2747   683   962   80  1556  1076   51  1580
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.05 0.17  0.17  0.15 0.15  0.15  0.14 0.14  0.04  0.19 0.19  0.16
Crit Moves:       ****        ****                                 ****
Green/Cycle: 0.13 0.28  0.28  0.25 0.41  0.41  0.32 0.32  0.32  0.32 0.32  0.32
Volume/Cap:  0.36 0.61  0.61  0.61 0.36  0.36  0.43 0.43  0.13  0.61 0.61  0.51
Uniform Del: 24.0 18.7  18.7  19.8 12.4  12.4  16.2 16.2  14.6  17.3 17.3  16.7
IncremntDel:  1.0  1.1   1.1   2.4  0.2   0.2   0.9  0.9   0.1   3.0  3.0   0.9
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   25.1 19.8  19.8  22.1 12.5  12.5  17.1 17.1  14.7  20.3 20.3  17.5
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:  25.1 19.8  19.8  22.1 12.5  12.5  17.1 17.1  14.7  20.3 20.3  17.5
LOS by Move:    C    B     B     C    B     B     B    B     B     C    C     B
HCM2kAvgQ:      2    6     6     4    3     3     3    3     1     4    5     4
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Note: Queue reported is the number of cars per lane.

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

Intersection #2906 River-Hwy_9/Hwy_1

Cycle (sec):	200	Critical Vol./Cap.(X):	0.942
Loss Time (sec):	16	Average Delay (sec/veh):	83.9
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	7	7	7	4	4	4	4	10	10	4	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0 1	0	2	2 0 1	0	1	1 0 3	0	1	2 0 3	0	1
Volume Module:PM Peak Hour												
Base Vol:	92	244	449	646	256	242	225	1303	81	341	1246	403
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:	92	244	449	646	256	242	225	1303	81	341	1246	403
Added Vol:	2	17	72	23	13	10	12	160	0	42	60	26
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	94	261	521	669	269	252	237	1463	81	383	1306	429
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	101	280	559	718	289	270	254	1570	87	411	1401	460
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	101	280	559	718	289	270	254	1570	87	411	1401	460
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:	101	280	559	718	289	270	254	1570	87	411	1401	460
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.98	0.70	0.90	0.98	0.72	0.91	0.88	0.81	0.89	0.88	0.81
Lanes:	1.00	1.00	2.00	2.00	1.00	1.00	1.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	1769	1862	2649	3432	1862	1377	1736	4990	1545	3369	4990	1537
Capacity Analysis Module:												
Vol/Sat:	0.06	0.15	0.21	0.21	0.16	0.20	0.15	0.31	0.06	0.12	0.28	0.30
Crit Moves:			****	****			****					****
Green/Cycle:	0.22	0.22	0.22	0.22	0.22	0.22	0.16	0.34	0.34	0.13	0.32	0.32
Volume/Cap:	0.25	0.67	0.94	0.94	0.70	0.88	0.94	0.92	0.16	0.92	0.88	0.94
Uniform Del:	63.8	70.9	76.3	76.5	71.6	75.3	83.5	63.3	46.0	85.7	64.6	66.4
IncremntDel:	0.3	4.2	23.4	19.7	5.2	24.8	39.1	8.7	0.1	24.5	6.2	26.7
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	64.2	75.1	99.7	96.2	76.8	100.1	122.7	72.0	46.1	110.2	70.8	93.1
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:	64.2	75.1	99.7	96.2	76.8	100.1	122.7	72.0	46.1	110.2	70.8	93.1
LOS by Move:	E	E	F	F	E	F	F	E	D	F	E	F
HCM2kAvgQ:	5	15	20	21	15	15	19	37	4	16	32	31

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

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                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2907 River/Fern
******************************************************************************
Average Delay (sec/veh):      2.9       Worst Case Level Of Service: B[ 14.5]
******************************************************************************
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:        1  0  0  1  0    0  1  0  1  0    1  0  0  1  0    1  0  0  1  0
-----------|---------------||---------------||---------------||---------------|
Volume Module:4:30 - 5:30 PM
Base Vol:     298  572    0     0  810    43     1    0    77     0    0     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:  298  572    0     0  810    43     1    0    77     0    0     0
Added Vol:      1   54    0     0   42     0     0    0     2     0    0     0
PasserByVol:    0    0    0     0    0     0     0    0     0     0    0     0
Initial Fut:  299  626    0     0  852    43     1    0    79     0    0     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:     0.92 0.92 0.92  0.92 0.92 0.92  0.92 0.92 0.92  0.92 0.92  0.92
PHF Volume:   325  680    0     0  926    47     1    0    86     0    0     0
Reduct Vol:     0    0    0     0    0     0     0    0     0     0    0     0
FinalVolume:  325  680    0     0  926    47     1    0    86     0    0     0
-----------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  4.1 xxxx xxxxx xxxxx xxxx xxxxx   6.4  6.5   6.2   7.1  6.5   6.2
FollowUpTim:  2.2 xxxx xxxxx xxxxx xxxx xxxxx   3.5  4.0   3.3   3.5  4.0   3.3
-----------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol:  973 xxxx xxxxx  xxxx xxxx xxxxx  2280 2280   486  1793 2303   680
Potent Cap.:  701 xxxx xxxxx  xxxx xxxx xxxxx    44   40   581    62   38   451
Move Cap.:    701 xxxx xxxxx  xxxx xxxx xxxxx    28   21   581    34   21   451
Volume/Cap:  0.46 xxxx  xxxx  xxxx xxxx  xxxx  0.04 0.00  0.15  0.00 0.00  0.00
-----------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:    2.5 xxxx xxxxx  xxxx xxxx xxxxx   0.1 xxxx xxxxx  xxxx xxxx xxxxx
Control Del: 14.5 xxxx xxxxx xxxxx xxxx xxxxx 139.3 xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    B    *     *     *    *     *     F    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   581  xxxx xxxx     0
SharedQueue:xxxxx xxxx xxxxx   0.0 xxxx xxxxx xxxxx xxxx   0.5 xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx   7.3 xxxx xxxxx xxxxx xxxx  12.3 xxxxx xxxx xxxxx
Shared LOS:     *    *     *     A    *     *     *    *     B     *    *     *
ApproachDel:    xxxxxx           xxxxxx             13.9           xxxxxx
ApproachLOS:         *                *                B                *
******************************************************************************
Note: Queue reported is the number of cars per lane.
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2908 River/Encinal

Cycle (sec):	120	Critical Vol./Cap.(X):	1.099
Loss Time (sec):	12	Average Delay (sec/veh):	73.9
Optimal Cycle:	200	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Split Phase			Split Phase		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1! 0	0	0 1	0 1	0	0 0	1! 0	1	0 0	1! 0	0
Volume Module:5:00 - 6:00 PM												
Base Vol:	268	422	20	2	396	132	178	3	491	11	3	8
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:	268	422	20	2	396	132	178	3	491	11	3	8
Added Vol:	19	8	27	2	4	1	1	1	24	13	0	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	287	430	47	4	400	133	179	4	515	24	3	9
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	302	453	49	4	421	140	188	4	542	25	3	9
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	302	453	49	4	421	140	188	4	542	25	3	9
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:	302	453	49	4	421	140	188	4	542	25	3	9
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.84	0.75	0.75	0.79	0.79	0.78	0.69	0.69	0.77	0.92	0.92	0.92
Lanes:	1.21	0.71	0.08	0.01	1.49	0.50	0.43	0.01	1.56	0.67	0.08	0.25
Final Sat.:	1939	1012	111	22	2234	743	568	13	2288	1161	145	435
Capacity Analysis Module:												
Vol/Sat:	0.16	0.45	0.45	0.19	0.19	0.19	0.33	0.33	0.24	0.02	0.02	0.02
Crit Moves:			****	****				****		****		
Green/Cycle:	0.41	0.41	0.41	0.17	0.17	0.17	0.30	0.30	0.71	0.02	0.02	0.02
Volume/Cap:	0.38	1.10	1.10	1.10	1.10	1.10	1.10	1.10	0.33	1.10	1.10	1.10
Uniform Del:	25.0	35.6	35.6	49.7	49.7	49.7	41.9	41.9	6.7	58.8	58.8	58.8
IncremntDel:	0.1	63.7	63.7	69.5	69.5	69.5	65.1	65.1	0.1	184.5	185	184.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	25.1	99.3	99.3	119.2	119	119.2	106.9	107	6.8	243.3	243	243.3
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:	25.1	99.3	99.3	119.2	119	119.2	106.9	107	6.8	243.3	243	243.3
LOS by Move:	C	F	F	F	F	F	F	F	A	F	F	F
HCM2kAvgQ:	6	32	31	18	18	18	25	25	5	4	4	4

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

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

Intersection #2909 Ocean-Hwy_17/Plymouth-Ocean_Ext

Cycle (sec):	120	Critical Vol./Cap.(X):	0.662
Loss Time (sec):	9	Average Delay (sec/veh):	31.5
Optimal Cycle:	48	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Ignore			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	0 1	0 0	1	1 0	0 1	0
Volume Module:PM Peak Hour												
Base Vol:	290	368	0	185	880	220	59	166	346	119	75	54
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:	290	368	0	185	880	220	59	166	346	119	75	54
Added Vol:	1	11	0	0	26	0	0	0	2	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	291	379	0	185	906	220	59	166	348	119	75	54
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.95	0.95	0.00	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	306	399	0	195	954	232	62	175	366	125	79	57
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	306	399	0	195	954	232	62	175	366	125	79	57
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	306	399	0	195	954	232	62	175	366	125	79	57
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	1.00	0.93	0.93	0.83	0.85	0.85	0.83	0.39	0.92	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	0.26	0.74	1.00	1.00	0.58	0.42
Final Sat.:	1769	3538	1900	1769	3538	1573	422	1188	1583	739	1014	730
Capacity Analysis Module:												
Vol/Sat:	0.17	0.11	0.00	0.11	0.27	0.15	0.15	0.15	0.23	0.17	0.08	0.08
Crit Moves:	****				****					****		
Green/Cycle:	0.26	0.34	0.00	0.33	0.41	0.41	0.26	0.26	0.52	0.26	0.26	0.26
Volume/Cap:	0.66	0.33	0.00	0.33	0.66	0.36	0.57	0.57	0.45	0.66	0.30	0.30
Uniform Del:	39.6	29.6	0.0	30.2	28.9	24.7	38.9	38.9	18.2	40.0	36.0	36.0
IncremntDel:	3.6	0.2	0.0	0.3	1.2	0.3	2.0	2.0	0.4	8.4	0.4	0.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delay/Veh:	43.1	29.8	0.0	30.6	30.0	25.1	40.9	40.9	18.6	48.4	36.4	36.4
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:	43.1	29.8	0.0	30.6	30.0	25.1	40.9	40.9	18.6	48.4	36.4	36.4
LOS by Move:	D	C	A	C	C	C	D	D	B	D	D	D
HCM2kAvgQ:	11	6	0	5	15	6	8	8	8	5	4	4

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2910 Market/Goss-Isbel

Cycle (sec):	1	Critical Vol./Cap.(X):	0.546
Loss Time (sec):	0	Average Delay (sec/veh):	12.8
Optimal Cycle:	0	Level Of Service:	B

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				Stop Sign				Stop Sign			
Rights:	Include				Include				Include				Include			
Min. Green:	0	0	0		0	0	0		0	0	0		0	0	0	
Lanes:	0 1	0	0 1		1	0 1	0 1		0	0 1!	0		0	0 1!	0	0
Volume Module:PM peak hour																
Base Vol:	15	87	120		183	72	1		4	191	14		46	75	189	
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:	15	87	120		183	72	1		4	191	14		46	75	189	
Added Vol:	1	11	0		1	7	0		0	0	1		0	0	1	
PasserByVol:	0	0	0		0	0	0		0	0	0		0	0	0	
Initial Fut:	16	98	120		184	79	1		4	191	15		46	75	190	
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:	0.92	0.92	0.92		0.92	0.92	0.92		0.92	0.92	0.92		0.92	0.92	0.92	
PHF Volume:	17	107	130		200	86	1		4	208	16		50	82	207	
Reduct Vol:	0	0	0		0	0	0		0	0	0		0	0	0	
Reduced Vol:	17	107	130		200	86	1		4	208	16		50	82	207	
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:	17	107	130		200	86	1		4	208	16		50	82	207	
Saturation Flow Module:																
Adjustment:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
Lanes:	0.14	0.86	1.00		1.00	1.00	1.00		0.02	0.91	0.07		0.15	0.24	0.61	
Final Sat.:	71	433	565		488	522	582		11	509	40		92	149	378	
Capacity Analysis Module:																
Vol/Sat:	0.25	0.25	0.23		0.41	0.16	0.00		0.41	0.41	0.41		0.55	0.55	0.55	
Crit Moves:		****			****					****				****		
Delay/Veh:	11.3	11.3	10.2		14.1	10.4	8.5		12.7	12.7	12.7		14.4	14.4	14.4	
Delay 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	
AdjDel/Veh:	11.3	11.3	10.2		14.1	10.4	8.5		12.7	12.7	12.7		14.4	14.4	14.4	
LOS by Move:	B	B	B		B	B	A		B	B	B		B	B	B	
ApproachDel:		10.7				12.9				12.7				14.4		
Delay Adj:		1.00				1.00				1.00				1.00		
ApprAdjDel:		10.7				12.9				12.7				14.4		
LOS by Appr:		B				B				B				B		
AllWayAvgQ:	0.3	0.3	0.2		0.6	0.2	0.0		0.6	0.6	0.6		1.0	1.0	1.0	

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2911 N.Branciforte/Goss

Cycle (sec):	100	Critical Vol./Cap.(X):	0.618
Loss Time (sec):	0	Average Delay (sec/veh):	14.6
Optimal Cycle:	0	Level Of Service:	B

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0	0 1	0	0	1! 0	0	0	1 0	0	0	1! 0 0
Volume Module:PM peak hour												
Base Vol:	190	27	73	3	91	53	28	295	277	22	64	1
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:	190	27	73	3	91	53	28	295	277	22	64	1
Added Vol:	1	0	1	0	0	0	0	0	1	2	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	191	27	74	3	91	53	28	295	278	24	64	1
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:	0.92 0.92	0.92		0.92 0.92	0.92		0.92 0.92	0.92		0.92 0.92	0.92	
PHF Volume:	208	29	80	3	99	58	30	321	302	26	70	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	208	29	80	3	99	58	30	321	302	26	70	1
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:	208	29	80	3	99	58	30	321	302	26	70	1
Saturation Flow Module:												
Adjustment:	1.00 1.00	1.00		1.00 1.00	1.00		1.00 1.00	1.00		1.00 1.00	1.00	
Lanes:	0.88 0.12	1.00		0.02 0.62	0.36		0.09 0.91	1.00		0.27 0.72	0.01	
Final Sat.:	427	60	573	10	317	185	49	519	643	131	349	5
Capacity Analysis Module:												
Vol/Sat:	0.49 0.49	0.14		0.31 0.31	0.31		0.62 0.62	0.47		0.20 0.20	0.20	
Crit Moves:	****			****			****				****	
Delay/Veh:	16.0 16.0	9.6		12.5 12.5	12.5		18.1 18.1	12.8		11.5 11.5	11.5	
Delay 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	
AdjDel/Veh:	16.0 16.0	9.6		12.5 12.5	12.5		18.1 18.1	12.8		11.5 11.5	11.5	
LOS by Move:	C	C	A	B	B	B	C	C	B	B	B	B
ApproachDel:	14.4			12.5			15.6			11.5		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	14.4			12.5			15.6			11.5		
LOS by Appr:	B			B			C			B		
AllWayAvgQ:	0.8	0.8	0.1	0.4	0.4	0.4	1.4	1.4	0.8	0.2	0.2	0.2

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

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

Intersection #2912 Morrissey_Blvd/Fairmount_Av

Cycle (sec):	60	Critical Vol./Cap.(X):	0.470
Loss Time (sec):	6	Average Delay (sec/veh):	8.0
Optimal Cycle:	25	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 1	0	0 1	0 0	1! 0	0
Volume Module:												
Base Vol:	50	734	24	46	824	108	111	61	107	18	23	49
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	734	24	46	824	108	111	61	107	18	23	49
Added Vol:	1	2	0	0	1	0	1	0	4	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	51	736	24	46	825	108	112	61	111	18	23	49
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	55	800	26	50	897	117	122	66	121	20	25	53
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	55	800	26	50	897	117	122	66	121	20	25	53
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:	55	800	26	50	897	117	122	66	121	20	25	53
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.23	0.93	0.93	0.29	0.92	0.92	0.75	0.75	0.83	0.85	0.85	0.85
Lanes:	1.00	1.94	0.06	1.00	1.77	0.23	0.65	0.35	1.00	0.20	0.26	0.54
Final Sat.:	434	3409	111	555	3075	403	928	506	1583	322	411	876
Capacity Analysis Module:												
Vol/Sat:	0.13	0.23	0.23	0.09	0.29	0.29	0.13	0.13	0.08	0.06	0.06	0.06
Crit Moves:					****			****				
Green/Cycle:	0.62	0.62	0.62	0.62	0.62	0.62	0.28	0.28	0.28	0.28	0.28	0.28
Volume/Cap:	0.21	0.38	0.38	0.15	0.47	0.47	0.47	0.47	0.27	0.22	0.22	0.22
Uniform Del:	4.9	5.6	5.6	4.7	6.1	6.1	17.9	17.9	16.9	16.6	16.6	16.6
IncremntDel:	0.4	0.1	0.1	0.2	0.2	0.2	0.9	0.9	0.3	0.2	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	5.3	5.7	5.7	4.9	6.3	6.3	18.8	18.8	17.2	16.8	16.8	16.8
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:	5.3	5.7	5.7	4.9	6.3	6.3	18.8	18.8	17.2	16.8	16.8	16.8
LOS by Move:	A	A	A	A	A	A	B	B	B	B	B	B
HCM2kAvgQ:	1	4	4	1	6	6	3	3	2	2	2	2

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

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-------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2913 Bay/Nobel-Iowa
*******************************************************************************
Cycle (sec):          60               Critical Vol./Cap.(X):         0.503
Loss Time (sec):      12               Average Delay (sec/veh):        11.6
Optimal Cycle:        38               Level Of Service:                  B
*******************************************************************************
Approach:      North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Protected        Protected         Permitted        Permitted
Rights:           Include          Include           Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  2  0  1    1  0  2  0  1    0  1  0  0  1    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 29 Jan 2003 << 4:30 - 5:30 PM
Base Vol:      62  544    61    42  912    56    39   49   100    41   45    41
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:   62  544    61    42  912    56    39   49   100    41   45    41
Added Vol:      0    3     5     0    4     0     0    0     0     3    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   62  547    66    42  916    56    39   49   100    44   45    41
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:     0.95 0.95  0.95  0.95 0.95  0.95  0.95 0.95  0.95  0.95 0.95  0.95
PHF Volume:    65  576    69    44  964    59    41   52   105    46   47    43
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   65  576    69    44  964    59    41   52   105    46   47    43
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:   65  576    69    44  964    59    41   52   105    46   47    43
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.91 0.91  0.80  0.92 0.92  0.82  0.84 0.84  0.78  0.79 0.81  0.81
Lanes:       1.00 2.00  1.00  1.00 2.00  1.00  0.44 0.56  1.00  0.35 0.34  0.31
Final Sat.:  1735 3470  1511  1754 3508  1563   706  887  1476   516  528   481
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.04 0.17  0.05  0.03 0.27  0.04  0.06 0.06  0.07  0.09 0.09  0.09
Crit Moves:  ****                 ****                                 ****
Green/Cycle: 0.07 0.54  0.54  0.08 0.55  0.55  0.18 0.18  0.18  0.18 0.18  0.18
Volume/Cap:  0.50 0.31  0.09  0.31 0.50  0.07  0.33 0.33  0.40  0.50 0.50  0.50
Uniform Del: 26.7  7.6   6.7  25.9  8.5   6.4  21.5 21.5  21.8  22.2 22.2  22.2
IncremntDel:  3.1  0.1   0.0   1.2  0.2   0.0   0.7  0.7   1.0   1.5  1.5   1.5
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   29.8  7.7   6.7  27.2  8.7   6.4  22.2 22.2  22.8  23.7 23.7  23.7
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:  29.8  7.7   6.7  27.2  8.7   6.4  22.2 22.2  22.8  23.7 23.7  23.7
LOS by Move:    C    A     A     C    A     A     C    C     C     C    C     C
HCM2kAvgQ:      2    3     1     1    6     1     2    2     2     3    3     3
*******************************************************************************

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

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------------------------------------------------------------------------------
                      Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2914 Bay_St/Escalona_Dr
******************************************************************************
Average Delay (sec/veh):     78.2       Worst Case Level Of Service: F[782.2]
******************************************************************************
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  1! 0  0    1  0  1  0  1    0  0  1! 0  0    0  0  1! 0  0
-----------|---------------||---------------||---------------||---------------|
Volume Module:Oct/Nov '03
Base Vol:      26  594    32   119  825    70    61   23    39    44    7    32
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:   26  594    32   119  825    70    61   23    39    44    7    32
Added Vol:      0    8     0     0    6     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   26  602    32   119  831    70    61   23    39    44    7    32
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    28  654    35   129  903    76    66   25    42    48    8    35
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:   28  654    35   129  903    76    66   25    42    48    8    35
-----------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  4.1 xxxx xxxxx   4.1 xxxx xxxxx   7.1  6.5   6.2   7.1  6.5   6.2
FollowUpTim:  2.2 xxxx xxxxx   2.2 xxxx xxxxx   3.5  4.0   3.3   3.5  4.0   3.3
-----------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol:  979 xxxx xxxxx   689 xxxx xxxxx  1911 1908   903  1962 1966   672
Potent Cap.:  705 xxxx xxxxx   905 xxxx xxxxx    52   69   336    48   63   456
Move Cap.:    705 xxxx xxxxx   905 xxxx xxxxx    37   56   336    24   52   456
Volume/Cap:  0.04 xxxx  xxxx  0.14 xxxx  xxxx  1.81 0.44  0.13  2.01 0.15  0.08
-----------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:    0.1 xxxx xxxxx   0.5 xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del: 10.3 xxxx xxxxx   9.6 xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    B    *     *     A    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx   63 xxxxx  xxxx   40 xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx 12.8 xxxxx xxxxx  9.7 xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx  660 xxxxx xxxxx  782 xxxxx
Shared LOS:     *    *     *     *    *     *     *    F     *     *    F     *
ApproachDel:    xxxxxx           xxxxxx            659.7            782.2
ApproachLOS:         *                *                F                F
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
```

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

Intersection #2915 Bay_St/King_St

Cycle (sec):	60	Critical Vol./Cap.(X):	0.799
Loss Time (sec):	6	Average Delay (sec/veh):	13.6
Optimal Cycle:	51	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	0 0	1! 0	0	0 1	0	0 1
Volume Module:Oct/Nov '03												
Base Vol:	85	538	147	82	785	109	61	136	61	90	57	102
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:	85	538	147	82	785	109	61	136	61	90	57	102
Added Vol:	12	8	0	0	6	0	0	0	13	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	97	546	147	82	791	109	61	136	74	90	57	102
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	105	593	160	89	860	118	66	148	80	98	62	111
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	105	593	160	89	860	118	66	148	80	98	62	111
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:	105	593	160	89	860	118	66	148	80	98	62	111
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.15	0.95	0.95	0.26	0.96	0.96	0.84	0.84	0.84	0.53	0.53	0.83
Lanes:	1.00	0.79	0.21	1.00	0.88	0.12	0.23	0.50	0.27	0.61	0.39	1.00
Final Sat.:	279	1420	382	499	1607	221	360	803	437	611	387	1583
Capacity Analysis Module:												
Vol/Sat:	0.38	0.42	0.42	0.18	0.54	0.54	0.18	0.18	0.18	0.16	0.16	0.07
Crit Moves:					****			****				
Green/Cycle:	0.67	0.67	0.67	0.67	0.67	0.67	0.23	0.23	0.23	0.23	0.23	0.23
Volume/Cap:	0.56	0.62	0.62	0.27	0.80	0.80	0.80	0.80	0.80	0.69	0.69	0.30
Uniform Del:	5.3	5.6	5.6	4.0	7.0	7.0	21.8	21.8	21.8	21.2	21.2	19.1
IncremntDel:	3.9	1.0	1.0	0.4	3.8	3.8	11.7	11.7	11.7	8.9	8.9	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	9.2	6.7	6.7	4.4	10.9	10.9	33.4	33.4	33.4	30.0	30.0	19.6
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:	9.2	6.7	6.7	4.4	10.9	10.9	33.4	33.4	33.4	30.0	30.0	19.6
LOS by Move:	A	A	A	A	B	B	C	C	C	C	C	B
HCM2kAvgQ:	1	7	7	1	15	15	8	8	8	4	4	2

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2916 King_St/Laurel_St

Cycle (sec):	100	Critical Vol./Cap.(X):	0.707
Loss Time (sec):	0	Average Delay (sec/veh):	15.0
Optimal Cycle:	0	Level Of Service:	B

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:Oct/Nov '03												
Base Vol:	114	42	28	36	31	9	19	351	81	30	186	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:	114	42	28	36	31	9	19	351	81	30	186	15
Added Vol:	0	0	6	0	0	0	0	0	0	6	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	114	42	34	36	31	9	19	351	81	36	186	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	124	46	37	39	34	10	21	382	88	39	202	16
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	124	46	37	39	34	10	21	382	88	39	202	16
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:	124	46	37	39	34	10	21	382	88	39	202	16
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.60	0.22	0.18	0.47	0.41	0.12	0.04	0.78	0.18	0.15	0.79	0.06
Final Sat.:	333	123	99	237	204	59	29	539	124	95	490	40
Capacity Analysis Module:												
Vol/Sat:	0.37	0.37	0.37	0.17	0.17	0.17	0.71	0.71	0.71	0.41	0.41	0.41
Crit Moves:		****		****				****		****		
Delay/Veh:	12.0	12.0	12.0	10.3	10.3	10.3	18.6	18.6	18.6	11.9	11.9	11.9
Delay 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
AdjDel/Veh:	12.0	12.0	12.0	10.3	10.3	10.3	18.6	18.6	18.6	11.9	11.9	11.9
LOS by Move:	B	B	B	B	B	B	C	C	C	B	B	B
ApproachDel:	12.0			10.3			18.6			11.9		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	12.0			10.3			18.6			11.9		
LOS by Appr:	B			B			C			B		
AllWayAvgQ:	0.5	0.5	0.5	0.1	0.1	0.1	2.0	2.0	2.0	0.6	0.6	0.6

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

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------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
******************************************************************************
Intersection #2917 Storey/King
******************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         0.608
Loss Time (sec):       0               Average Delay (sec/veh):        15.0
Optimal Cycle:         0               Level Of Service:                  B
******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  0  0  0    0  0  1! 0  0    0  1  0  0  0    0  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:Oct/Nov '03
Base Vol:       0    0     0   256    0    53    26  302     0     0  189    28
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    0     0   256    0    53    26  302     0     0  189    28
Added Vol:      0    0     0    10    0     0     0    3     0     0    3     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     0   266    0    53    26  305     0     0  192    28
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:     0.85 0.85  0.85  0.85 0.85  0.85  0.85 0.85  0.85  0.85 0.85  0.85
PHF Volume:     0    0     0   313    0    62    31  359     0     0  226    33
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0    0     0   313    0    62    31  359     0     0  226    33
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:    0    0     0   313    0    62    31  359     0     0  226    33
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.00 0.00  0.00  0.83 0.00  0.17  0.08 0.92  0.00  0.00 0.87  0.13
Final Sat.:     0    0     0   515    0   103    51  594     0     0  543    79
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     xxxx xxxx  xxxx  0.61 xxxx  0.61  0.60 0.60  xxxx  xxxx 0.42  0.42
Crit Moves:                   ****                   ****                   ****
Delay/Veh:    0.0  0.0   0.0  16.1  0.0  16.1  15.8 15.8   0.0   0.0 12.1  12.1
Delay 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
AdjDel/Veh:   0.0  0.0   0.0  16.1  0.0  16.1  15.8 15.8   0.0   0.0 12.1  12.1
LOS by Move:    *    *     *     C    *     C     C    C     *     *    B     B
ApproachDel:    xxxxxx             16.1             15.8             12.1
Delay Adj:       xxxxx             1.00             1.00             1.00
ApprAdjDel:     xxxxxx             16.1             15.8             12.1
LOS by Appr:         *                C                C                B
AllWayAvgQ:   0.0  0.0   0.0   1.3  1.3   1.3   1.3  1.3   1.3   0.6  0.6   0.6
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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PM Existing                Thu Jan 21, 2010 14:20:01                Page 24-1
------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2918 Shaffer/Highway_1
******************************************************************************
Average Delay (sec/veh):      3.1       Worst Case Level Of Service: D[ 30.1]
******************************************************************************
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    0  0  0  1  0    1  0  1  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 14 Oct 2003 << 5:00 - 6:00 PM
Base Vol:      34    0    80     0    0     0     0  650    38    38  456     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:   34    0    80     0    0     0     0  650    38    38  456     0
Added Vol:      9    0     0     0    0     0     0    4     3     0    4     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   43    0    80     0    0     0     0  654    41    38  460     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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    47    0    87     0    0     0     0  711    45    41  500     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:   47    0    87     0    0     0     0  711    45    41  500     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  6.4  6.5   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   4.2 xxxx xxxxx
FollowUpTim:  3.5  4.0   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   2.3 xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 1319 1316   735  xxxx xxxx xxxxx  xxxx xxxx xxxxx   755 xxxx xxxxx
Potent Cap.:  173  158   419  xxxx xxxx xxxxx  xxxx xxxx xxxxx   837 xxxx xxxxx
Move Cap.:    166  150   419  xxxx xxxx xxxxx  xxxx xxxx xxxxx   837 xxxx xxxxx
Volume/Cap:  0.28 0.00  0.21  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.05 xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.2 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx   9.5 xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     A    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx  273 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx  2.5 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx 30.1 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    D     *     *    *     *     *    *     *     *    *     *
ApproachDel:       30.1           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         D                *                *                *
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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PM Existing                Thu Jan 21, 2010 14:20:02                Page 25-1
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2919 Western/Highway_1
*******************************************************************************
Cycle (sec):          60               Critical Vol./Cap.(X):         0.574
Loss Time (sec):      12               Average Delay (sec/veh):        15.3
Optimal Cycle:        42               Level Of Service:                  B
*******************************************************************************
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:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        0  1  0  0  1    0  0  1! 0  0    1  0  0  1  0    1  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 14 Oct 2003 << 4:00 - 5:00 PM
Base Vol:      19   49    78   112   63    31    17  421    25    33  315   128
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   49    78   112   63    31    17  421    25    33  315   128
Added Vol:      0   18     0    10    5     0     1    3     0     0    3    10
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   19   67    78   122   68    31    18  424    25    33  318   138
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:     0.91 0.91  0.91  0.91 0.91  0.91  0.91 0.91  0.91  0.91 0.91  0.91
PHF Volume:    21   74    86   134   75    34    20  466    27    36  349   152
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   21   74    86   134   75    34    20  466    27    36  349   152
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:   21   74    86   134   75    34    20  466    27    36  349   152
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.89 0.89  0.82  0.75 0.76  0.75  0.92 0.96  0.96  0.92 0.93  0.93
Lanes:       0.22 0.78  1.00  0.55 0.31  0.14  1.00 0.94  0.06  1.00 0.70  0.30
Final Sat.:   373 1316  1554   793  442   201  1753 1728   102  1753 1229   533
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.06 0.06  0.06  0.17 0.17  0.17  0.01 0.27  0.27  0.02 0.28  0.28
Crit Moves:                      ****             ****             ****
Green/Cycle: 0.29 0.29  0.29  0.29 0.29  0.29  0.02 0.47  0.47  0.04 0.49  0.49
Volume/Cap:  0.19 0.19  0.19  0.57 0.57  0.57  0.59 0.57  0.57  0.57 0.59  0.59
Uniform Del: 15.8 15.8  15.8  18.0 18.0  18.0  29.2 11.6  11.6  28.5 11.1  11.1
IncremntDel:  0.2  0.2   0.2   1.9  1.9   1.9  23.7  1.0   1.0  12.2  1.0   1.0
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   16.0 16.0  16.0  19.9 19.9  19.9  52.9 12.5  12.5  40.7 12.1  12.1
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:  16.0 16.0  16.0  19.9 19.9  19.9  52.9 12.5  12.5  40.7 12.1  12.1
LOS by Move:    B    B     B     B    B     B     D    B     B     D    B     B
HCM2kAvgQ:      1    1     1     5    5     5     1    7     7     1    7     7
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Note: Queue reported is the number of cars per lane.

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PM Existing Thu Jan 21, 2010 14:20:02 Page 26-1

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

Intersection #2920 Swift/Mission

Cycle (sec):	60	Critical Vol./Cap.(X):	0.702
Loss Time (sec):	12	Average Delay (sec/veh):	19.1
Optimal Cycle:	52	Level Of Service:	B

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1 0	1 1	0	1 0	1 1	0
Volume Module:4:00 - 5:00 PM												
Base Vol:	83	43	226	43	14	1	3	518	63	208	439	71
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:	83	43	226	43	14	1	3	518	63	208	439	71
Added Vol:	0	14	163	4	13	0	0	13	0	59	14	4
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	83	57	389	47	27	1	3	531	63	267	453	75
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	90	62	420	51	29	1	3	573	68	288	489	81
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	90	62	420	51	29	1	3	573	68	288	489	81
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:	90	62	420	51	29	1	3	573	68	288	489	81
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.85	0.85	0.91	0.85	0.85	0.85	1.01	1.00	0.99	1.01	0.99	0.99
Lanes:	0.59	0.41	1.00	0.63	0.36	0.01	1.00	1.79	0.21	1.00	1.71	0.29
Final Sat.:	957	657	1729	1014	582	22	1928	3390	402	1928	3236	536
Capacity Analysis Module:												
Vol/Sat:	0.09	0.09	0.24	0.05	0.05	0.05	0.00	0.17	0.17	0.15	0.15	0.15
Crit Moves:			****					****		****		
Green/Cycle:	0.35	0.35	0.35	0.35	0.35	0.35	0.00	0.24	0.24	0.21	0.45	0.45
Volume/Cap:	0.27	0.27	0.70	0.14	0.14	0.14	0.34	0.70	0.70	0.70	0.34	0.34
Uniform Del:	14.2	14.2	16.9	13.5	13.5	13.5	29.8	20.8	20.8	21.8	10.7	10.7
IncremntDel:	0.3	0.3	3.7	0.1	0.1	0.1	19.6	2.5	2.5	5.4	0.1	0.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	14.4	14.4	20.7	13.6	13.6	13.6	49.4	23.3	23.3	27.2	10.9	10.9
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:	14.4	14.4	20.7	13.6	13.6	13.6	49.4	23.3	23.3	27.2	10.9	10.9
LOS by Move:	B	B	C	B	B	B	D	C	C	C	B	B
HCM2kAvgQ:	2	2	8	1	1	1	0	6	6	7	4	4

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

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PM Existing Thu Jan 21, 2010 14:20:02 Page 27-1

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

Intersection #2921 Miramar/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.533
Loss Time (sec):	9	Average Delay (sec/veh):	19.0
Optimal Cycle:	36	Level Of Service:	B

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:PM Peak Hour												
Base Vol:	65	0	118	90	0	112	66	118	35	155	864	67
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:	65	0	118	90	0	112	66	118	35	155	864	67
Added Vol:	9	6	9	0	6	12	13	263	8	8	102	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	74	6	127	90	6	124	79	381	43	163	966	67
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	82	7	141	100	7	138	88	423	48	181	1073	74
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	82	7	141	100	7	138	88	423	48	181	1073	74
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:	82	7	141	100	7	138	88	423	48	181	1073	74
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.52	0.84	0.84	0.51	0.84	0.84	0.93	0.92	0.92	0.93	0.92	0.92
Lanes:	1.00	0.05	0.95	1.00	0.05	0.95	1.00	1.80	0.20	1.00	1.87	0.13
Final Sat.:	992	72	1524	976	74	1522	1769	3131	353	1769	3275	227
Capacity Analysis Module:												
Vol/Sat:	0.08	0.09	0.09	0.10	0.09	0.09	0.05	0.14	0.14	0.10	0.33	0.33
Crit Moves:				****			****				****	
Green/Cycle:	0.19	0.19	0.19	0.19	0.19	0.19	0.09	0.40	0.40	0.31	0.61	0.61
Volume/Cap:	0.43	0.48	0.48	0.53	0.47	0.47	0.53	0.34	0.34	0.34	0.53	0.53
Uniform Del:	32.0	32.4	32.4	32.7	32.3	32.3	38.9	18.6	18.6	24.2	9.9	9.9
IncremntDel:	1.6	1.2	1.2	3.0	1.1	1.1	3.4	0.1	0.1	0.4	0.3	0.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	33.6	33.6	33.6	35.7	33.4	33.4	42.3	18.7	18.7	24.6	10.2	10.2
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:	33.6	33.6	33.6	35.7	33.4	33.4	42.3	18.7	18.7	24.6	10.2	10.2
LOS by Move:	C	C	C	D	C	C	D	B	B	C	B	B
HCM2kAvgQ:	3	4	4	3	4	4	3	5	5	4	10	10

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

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

Intersection #2922 Almar-Younglove/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.474
Loss Time (sec):	12	Average Delay (sec/veh):	10.7
Optimal Cycle:	39	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	0 0	1	1 0	1 0	2 0	0
Volume Module:PM Peak Hour												
Base Vol:	28	1	50	42	0	35	0	885	15	66	878	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:	28	1	50	42	0	35	0	885	15	66	878	0
Added Vol:	0	0	26	0	0	0	0	272	0	20	110	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	28	1	76	42	0	35	0	1157	15	86	988	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	0.93 0.93		0.93	0.93 0.93		0.93	0.93 0.93		0.93
PHF Volume:	30	1	82	45	0	38	0	1244	16	92	1062	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	30	1	82	45	0	38	0	1244	16	92	1062	0
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:	30	1	82	45	0	38	0	1244	16	92	1062	0
Saturation Flow Module:												
Sat/Lane:	1900 1900		1900	1900 1900		1900	1900 1900		1900	1900 1900		1900
Adjustment:	1.12 1.00		0.96	1.12 1.20		0.99	1.20 1.10		1.10	1.11 1.11		1.20
Lanes:	1.00 0.01		0.99	1.00 0.00		1.00	0.00 1.97		0.03	1.00 2.00		0.00
Final Sat.:	2123	24	1798	2123	0	1879	0	4144	54	2103	4206	0
Capacity Analysis Module:												
Vol/Sat:	0.01 0.05		0.05	0.02 0.00		0.02	0.00 0.30		0.30	0.04 0.25		0.00
Crit Moves:	****			****				****		****		
Green/Cycle:	0.10 0.10		0.10	0.04 0.00		0.04	0.00 0.63		0.63	0.09 0.73		0.00
Volume/Cap:	0.15 0.47		0.47	0.47 0.00		0.45	0.00 0.47		0.47	0.47 0.35		0.00
Uniform Del:	37.3 38.5		38.5	41.9 0.0		41.9	0.0 8.7		8.7	38.7 4.5		0.0
IncremntDel:	0.3 2.0		2.0	3.7 0.0		3.7	0.0 0.1		0.1	1.8 0.1		0.0
InitQueuDel:	0.0 0.0		0.0	0.0 0.0		0.0	0.0 0.0		0.0	0.0 0.0		0.0
Delay Adj:	1.00 1.00		1.00	1.00 0.00		1.00	0.00 1.00		1.00	1.00 1.00		0.00
Delay/Veh:	37.7 40.6		40.6	45.6 0.0		45.6	0.0 8.8		8.8	40.6 4.6		0.0
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:	37.7 40.6		40.6	45.6 0.0		45.6	0.0 8.8		8.8	40.6 4.6		0.0
LOS by Move:	D	D	D	D	A	D	A	A	A	D	A	A
HCM2kAvgQ:	1	3	3	2	0	2	0	10	10	3	6	0

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

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

Intersection #2923 Bay/Mission

Cycle (sec):	120	Critical Vol./Cap.(X):	0.944
Loss Time (sec):	16	Average Delay (sec/veh):	55.8
Optimal Cycle:	156	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	1! 0	0	1 0	1	1 0	1 0	1	1 0
Volume Module: >> Count Date: 1 Jan 2004 << 5:00 - 6:00 PM												
Base Vol:	87	120	74	322	131	112	111	923	52	141	968	188
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:	87	120	74	322	131	112	111	923	52	141	968	188
Added Vol:	6	0	2	6	0	13	13	280	6	2	113	7
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	93	120	76	328	131	125	124	1203	58	143	1081	195
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:	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
PHF Volume:	95	123	78	336	134	128	127	1234	59	147	1109	200
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	95	123	78	336	134	128	127	1234	59	147	1109	200
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:	95	123	78	336	134	128	127	1234	59	147	1109	200
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.92	0.89	0.92	0.92	0.91	0.92	0.92	0.91	0.92	0.90	0.90
Lanes:	1.00	0.60	0.40	1.39	0.31	0.30	1.00	1.91	0.09	1.00	1.69	0.31
Final Sat.:	1769	1056	669	2436	545	520	1753	3320	160	1753	2898	523
Capacity Analysis Module:												
Vol/Sat:	0.05	0.12	0.12	0.14	0.25	0.25	0.07	0.37	0.37	0.08	0.38	0.38
Crit Moves:	****					****		****			****	
Green/Cycle:	0.12	0.12	0.12	0.26	0.26	0.26	0.08	0.39	0.39	0.09	0.41	0.41
Volume/Cap:	0.44	0.94	0.94	0.53	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Uniform Del:	48.7	52.2	52.2	38.0	43.5	43.5	55.1	35.1	35.1	54.4	34.4	34.4
IncremntDel:	1.4	46.1	46.1	0.5	22.9	22.9	60.4	13.3	13.3	55.6	13.1	13.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	50.1	98.3	98.3	38.5	66.4	66.4	115.5	48.4	48.4	110.0	47.5	47.5
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:	50.1	98.3	98.3	38.5	66.4	66.4	115.5	48.4	48.4	110.0	47.5	47.5
LOS by Move:	D	F	F	D	E	E	F	D	D	F	D	D
HCM2kAvgQ:	4	11	11	7	17	16	8	29	29	9	29	29

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

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

Intersection #2924 Laurel/Mission

Cycle (sec):	100	Critical Vol./Cap.(X):	0.782
Loss Time (sec):	12	Average Delay (sec/veh):	24.9
Optimal Cycle:	73	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	0	1 0	1	0
Volume Module:Oct/Nov '03												
Base Vol:	266	155	32	24	170	6	17	952	304	62	1062	33
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:	266	155	32	24	170	6	17	952	304	62	1062	33
Added Vol:	8	0	0	0	0	6	6	272	11	0	107	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	274	155	32	24	170	12	23	1224	315	62	1169	33
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:	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
PHF Volume:	277	157	32	24	172	12	23	1236	318	63	1181	33
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	277	157	32	24	172	12	23	1236	318	63	1181	33
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:	277	157	32	24	172	12	23	1236	318	63	1181	33
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.02	1.05	1.05	1.02	1.07	1.06	1.01	0.97	0.95	1.01	1.00	1.00
Lanes:	1.00	0.83	0.17	1.00	0.93	0.07	1.00	1.58	0.42	1.00	1.94	0.06
Final Sat.:	1946	1653	341	1946	1893	134	1910	2928	754	1910	3700	104
Capacity Analysis Module:												
Vol/Sat:	0.14	0.09	0.09	0.01	0.09	0.09	0.01	0.42	0.42	0.03	0.32	0.32
Crit Moves:	****				****			****			****	
Green/Cycle:	0.18	0.26	0.26	0.03	0.12	0.12	0.02	0.54	0.54	0.04	0.56	0.56
Volume/Cap:	0.78	0.36	0.36	0.36	0.78	0.78	0.57	0.78	0.78	0.78	0.57	0.57
Uniform Del:	39.0	30.0	30.0	47.2	43.0	43.0	48.5	18.3	18.3	47.4	14.2	14.2
IncremntDel:	10.7	0.4	0.4	3.3	15.5	15.5	17.7	2.1	2.1	38.0	0.4	0.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	49.8	30.4	30.4	50.4	58.5	58.5	66.1	20.4	20.4	85.4	14.5	14.5
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:	49.8	30.4	30.4	50.4	58.5	58.5	66.1	20.4	20.4	85.4	14.5	14.5
LOS by Move:	D	C	C	D	E	E	E	C	C	F	B	B
HCM2kAvgQ:	8	4	4	1	8	7	2	21	21	4	13	13

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

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

Intersection #2925 Mission/Walnut

Cycle (sec):	90	Critical Vol./Cap.(X):	0.598
Loss Time (sec):	12	Average Delay (sec/veh):	17.8
Optimal Cycle:	47	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	0	1 0	1	0
Volume Module:PM Peak Hour												
Base Vol:	65	72	59	59	101	9	14	905	50	41	1080	16
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:	65	72	59	59	101	9	14	905	50	41	1080	16
Added Vol:	7	32	0	2	16	27	34	211	27	0	74	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	72	104	59	61	117	36	48	1116	77	41	1154	17
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	76	109	62	64	123	38	51	1175	81	43	1215	18
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	76	109	62	64	123	38	51	1175	81	43	1215	18
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:	76	109	62	64	123	38	51	1175	81	43	1215	18
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	0.93	0.93	0.95	0.95	0.91	0.90	0.90	0.91	0.91	0.91
Lanes:	1.00	0.64	0.36	1.00	0.76	0.24	1.00	1.87	0.13	1.00	1.97	0.03
Final Sat.:	1769	1124	638	1769	1374	423	1736	3216	222	1736	3416	50
Capacity Analysis Module:												
Vol/Sat:	0.04	0.10	0.10	0.04	0.09	0.09	0.03	0.37	0.37	0.02	0.36	0.36
Crit Moves:		****			****			****			****	
Green/Cycle:	0.07	0.16	0.16	0.06	0.15	0.15	0.05	0.60	0.60	0.04	0.59	0.59
Volume/Cap:	0.59	0.60	0.60	0.60	0.59	0.59	0.60	0.61	0.61	0.61	0.60	0.60
Uniform Del:	40.5	34.9	34.9	41.2	35.6	35.6	41.9	11.2	11.2	42.4	11.5	11.5
IncremntDel:	7.3	3.5	3.5	9.0	3.5	3.5	11.3	0.5	0.5	14.1	0.5	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	47.7	38.4	38.4	50.2	39.1	39.1	53.2	11.7	11.7	56.5	12.0	12.0
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:	47.7	38.4	38.4	50.2	39.1	39.1	53.2	11.7	11.7	56.5	12.0	12.0
LOS by Move:	D	D	D	D	D	D	D	B	B	E	B	B
HCM2kAvgQ:	3	5	5	3	5	5	2	12	12	2	12	12

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

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

Intersection #2926 King/Mission

Cycle (sec):	150	Critical Vol./Cap.(X):	0.877
Loss Time (sec):	12	Average Delay (sec/veh):	32.7
Optimal Cycle:	118	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	1	0	1! 0	0	0	1	0	1	1	0
Volume Module:PM Peak Hour												
Base Vol:	10	6	19	788	1	4	0	1430	3	14	1251	168
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:	10	6	19	788	1	4	0	1430	3	14	1251	168
Added Vol:	7	0	0	13	0	0	0	212	0	0	75	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	17	6	19	801	1	4	0	1642	3	14	1326	171
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	19	7	21	890	1	4	0	1824	3	16	1473	190
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	19	7	21	890	1	4	0	1824	3	16	1473	190
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:	19	7	21	890	1	4	0	1824	3	16	1473	190
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.90	0.90	0.93	0.93	0.93	1.00	0.93	0.93	0.93	0.92	0.92
Lanes:	0.40	0.14	0.46	1.98	0.01	0.01	0.00	1.99	0.01	1.00	1.77	0.23
Final Sat.:	694	245	775	3524	4	17	0	3531	6	1769	3080	397
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.25	0.25	0.25	0.00	0.52	0.52	0.01	0.48	0.48
Crit Moves:	****			****				****		****		
Green/Cycle:	0.03	0.03	0.03	0.29	0.29	0.29	0.00	0.59	0.59	0.01	0.60	0.60
Volume/Cap:	0.88	0.88	0.88	0.87	0.88	0.88	0.00	0.88	0.88	0.88	0.80	0.80
Uniform Del:	72.4	72.4	72.4	50.6	50.7	50.7	0.0	26.2	26.2	74.2	23.1	23.1
IncremntDel:	79.5	79.5	79.5	8.3	8.7	8.7	0.0	4.6	4.6	153.8	2.3	2.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.58	0.58
Delay/Veh:	151.9	152	151.9	58.9	59.4	59.4	0.0	30.8	30.8	228.0	15.6	15.6
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:	151.9	152	151.9	58.9	59.4	59.4	0.0	30.8	30.8	228.0	15.6	15.6
LOS by Move:	F	F	F	E	E	E	A	C	C	F	B	B
HCM2kAvgQ:	4	4	4	22	22	22	0	39	39	1	21	21

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

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

Intersection #2927 Chestnut/Mission

Cycle (sec):	150	Critical Vol./Cap.(X):	0.905
Loss Time (sec):	12	Average Delay (sec/veh):	42.9
Optimal Cycle:	136	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Ovl			Include			Include		
Min. Green:	4	4	4	4	4	10	10	10	10	4	4	4
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	2	0 2	1	1	0 1 0	0	1	0 1 0
Volume Module:PM Peak Hour												
Base Vol:	116	255	36	67	383	993	1226	590	31	21	452	88
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:	116	255	36	67	383	993	1226	590	31	21	452	88
Added Vol:	0	0	0	0	1	70	173	52	0	0	28	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	116	255	36	67	384	1063	1399	642	31	21	480	88
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	126	277	39	73	417	1155	1521	698	34	23	522	96
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	126	277	39	73	417	1155	1521	698	34	23	522	96
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:	126	277	39	73	417	1155	1521	698	34	23	522	96
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.89	0.88	0.91	0.91	0.70	0.88	0.88	0.88	0.91	0.91	0.91
Lanes:	1.00	1.75	0.25	1.00	2.00	2.00	2.00	0.95	0.05	0.07	1.63	0.30
Final Sat.:	1716	2949	416	1736	3473	2645	3352	1599	77	123	2814	516
Capacity Analysis Module:												
Vol/Sat:	0.07	0.09	0.09	0.04	0.12	0.44	0.45	0.44	0.44	0.19	0.19	0.19
Crit Moves:	****				****		****			****		
Green/Cycle:	0.08	0.15	0.15	0.07	0.13	0.63	0.50	0.50	0.50	0.20	0.20	0.20
Volume/Cap:	0.91	0.64	0.64	0.64	0.91	0.69	0.91	0.87	0.87	0.91	0.91	0.91
Uniform Del:	68.3	60.1	60.1	68.3	64.1	17.8	34.2	33.1	33.1	58.2	58.2	58.2
IncremntDel:	48.8	2.7	2.7	11.2	21.1	1.2	5.2	3.5	3.5	15.2	15.2	15.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	0.76	0.76	0.76	1.00	1.00	1.00
Delay/Veh:	117.2	62.8	62.8	79.5	85.3	19.1	31.3	28.8	28.8	73.4	73.4	73.4
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:	117.2	62.8	62.8	79.5	85.3	19.1	31.3	28.8	28.8	73.4	73.4	73.4
LOS by Move:	F	E	E	E	F	B	C	C	C	E	E	E
HCM2kAvgQ:	8	8	8	4	13	20	30	27	27	17	17	17

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

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-------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2928 N_Pacific/River
*******************************************************************************
Cycle (sec):          60               Critical Vol./Cap.(X):         0.567
Loss Time (sec):       6               Average Delay (sec/veh):        11.6
Optimal Cycle:        29               Level Of Service:                  B
*******************************************************************************
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        Permitted        Permitted
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        0  0  1! 0  0    0  0  1! 0  0    1  0  1  0  1    1  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:4:45 - 5:45 PM
Base Vol:     157   31    59    44   26    17    20  383   188    26  361    51
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:  157   31    59    44   26    17    20  383   188    26  361    51
Added Vol:     31    0     0     0    0     0     0   35    30     2   41     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  188   31    59    44   26    17    20  418   218    28  402    51
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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:   209   34    66    49   29    19    22  464   242    31  447    57
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  209   34    66    49   29    19    22  464   242    31  447    57
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:  209   34    66    49   29    19    22  464   242    31  447    57
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.70 0.71  0.70  0.75 0.75  0.75  0.32 0.98  0.82  0.35 0.95  0.95
Lanes:       0.68 0.11  0.21  0.51 0.30  0.19  1.00 1.00  1.00  1.00 0.89  0.11
Final Sat.:   898  148   282   719  425   278   616 1862  1563   670 1609   204
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.23 0.23  0.23  0.07 0.07  0.07  0.04 0.25  0.15  0.05 0.28  0.28
Crit Moves:       ****                                          ****
Green/Cycle: 0.41 0.41  0.41  0.41 0.41  0.41  0.49 0.49  0.49  0.49 0.49  0.49
Volume/Cap:  0.57 0.57  0.57  0.17 0.17  0.17  0.07 0.51  0.32  0.09 0.57  0.57
Uniform Del: 13.6 13.6  13.6  11.2 11.2  11.2   8.1 10.4   9.2   8.2 10.8  10.8
IncremntDel:  1.4  1.4   1.4   0.1  0.1   0.1   0.1  0.5   0.2   0.1  0.9   0.9
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   15.0 15.0  15.0  11.3 11.3  11.3   8.2 10.9   9.5   8.3 11.7  11.7
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:  15.0 15.0  15.0  11.3 11.3  11.3   8.2 10.9   9.5   8.3 11.7  11.7
LOS by Move:    B    B     B     B    B     B     A    B     A     A    B     B
HCM2kAvgQ:      5    5     5     1    1     1     0    6     3     0    7     7
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Note: Queue reported is the number of cars per lane.

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

Intersection #2929 Center/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.855
Loss Time (sec):	9	Average Delay (sec/veh):	34.5
Optimal Cycle:	81	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	0 1	0	0	0 0 0	0	0	2 0 1	1 0	2	0 0
Volume Module:PM Peak Hour												
Base Vol:	93	0	536	0	0	0	0	421	61	353	329	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:	93	0	536	0	0	0	0	421	61	353	329	0
Added Vol:	3	0	30	0	0	0	0	51	2	15	25	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	96	0	566	0	0	0	0	472	63	368	354	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	104	0	615	0	0	0	0	513	68	400	385	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	104	0	615	0	0	0	0	513	68	400	385	0
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:	104	0	615	0	0	0	0	513	68	400	385	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	1.00	0.82	1.00	1.00	1.00	1.00	0.95	0.85	0.91	0.91	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	2.00	1.00	1.00	2.00	0.00
Final Sat.:	1734	0	1551	0	0	0	0	3609	1614	1734	3467	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.40	0.00	0.00	0.00	0.00	0.14	0.04	0.23	0.11	0.00
Crit Moves:			****					****		****		
Green/Cycle:	0.46	0.00	0.46	0.00	0.00	0.00	0.00	0.17	0.17	0.27	0.44	0.00
Volume/Cap:	0.13	0.00	0.86	0.00	0.00	0.00	0.00	0.86	0.26	0.86	0.25	0.00
Uniform Del:	13.8	0.0	21.4	0.0	0.0	0.0	0.0	36.5	32.7	31.2	16.1	0.0
IncremntDel:	0.1	0.0	9.9	0.0	0.0	0.0	0.0	11.6	0.5	14.3	0.1	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	13.8	0.0	31.3	0.0	0.0	0.0	0.0	48.0	33.2	45.5	16.2	0.0
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	0.0	31.3	0.0	0.0	0.0	0.0	48.0	33.2	45.5	16.2	0.0
LOS by Move:	B	A	C	A	A	A	A	D	C	D	B	A
HCM2kAvgQ:	2	0	18	0	0	0	0	7	2	13	4	0

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

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-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2930 Pacific/Water-Mission
*******************************************************************************
Cycle (sec):          90               Critical Vol./Cap.(X):         0.486
Loss Time (sec):       9               Average Delay (sec/veh):        22.0
Optimal Cycle:        33               Level Of Service:                  C
*******************************************************************************
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Split Phase      Split Phase       Protected        Protected
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        0  0  0  0  0    0  1  0  0  1    1  0  1  1  0    2  0  1  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 2 Mar 2004 << 4:45 - 5:45 PM
Base Vol:       0    0     0    20  182   177   200  622   157   132  451    22
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    0     0    20  182   177   200  622   157   132  451    22
Added Vol:      0    0     0     3   11    18    30   50     0     0   21     4
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     0    23  193   195   230  672   157   132  472    26
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:     0    0     0    25  210   212   250  730   171   143  513    28
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0    0     0    25  210   212   250  730   171   143  513    28
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:    0    0     0    25  210   212   250  730   171   143  513    28
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  1.00 1.00  1.00  0.97 0.97  0.82  0.94 0.91  0.91  0.90 0.92  0.92
Lanes:       0.00 0.00  0.00  0.11 0.89  1.00  1.00 1.62  0.38  2.00 1.90  0.10
Final Sat.:     0    0     0   197 1650  1562  1787 2812   657  3432 3326   183
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.00  0.00  0.13 0.13  0.14  0.14 0.26  0.26  0.04 0.15  0.15
Crit Moves:                                ****       ****        ****
Green/Cycle: 0.00 0.00  0.00  0.28 0.28  0.28  0.30 0.53  0.53  0.09 0.33  0.33
Volume/Cap:  0.00 0.00  0.00  0.45 0.45  0.49  0.47 0.49  0.49  0.49 0.47  0.47
Uniform Del:  0.0  0.0   0.0  26.8 26.8  27.0  26.0 13.2  13.2  39.2 24.2  24.2
IncremntDel:  0.0  0.0   0.0   0.6  0.6   0.9   0.7  0.2   0.2   1.3  0.3   0.3
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay Adj:   0.00 0.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Delay/Veh:    0.0  0.0   0.0  27.4 27.4  27.9  26.7 13.4  13.4  40.5 24.5  24.5
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:   0.0  0.0   0.0  27.4 27.4  27.9  26.7 13.4  13.4  40.5 24.5  24.5
LOS by Move:    A    A     A     C    C     C     C    B     B     D    C     C
HCM2kAvgQ:      0    0     0     6    6     5     6    8     8     3    7     7
*******************************************************************************

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

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

Intersection #2931 River/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	0.726
Loss Time (sec):	12	Average Delay (sec/veh):	30.1
Optimal Cycle:	61	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	0 1	0	1 0	2 0	1	1 0	2 0	1
Volume Module:4:30 - 5:30 PM												
Base Vol:	107	214	209	92	341	39	71	698	59	156	542	200
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:	107	214	209	92	341	39	71	698	59	156	542	200
Added Vol:	0	26	12	22	7	2	3	50	0	13	23	20
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	107	240	221	114	348	41	74	748	59	169	565	220
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	115	258	238	123	374	44	80	804	63	182	608	237
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	115	258	238	123	374	44	80	804	63	182	608	237
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:	115	258	238	123	374	44	80	804	63	182	608	237
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.90	0.76	0.92	0.95	0.95	0.92	0.92	0.76	0.94	0.94	0.77
Lanes:	1.00	2.00	1.00	1.00	0.89	0.11	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	1718	3437	1445	1751	1622	191	1751	3502	1444	1787	3573	1465
Capacity Analysis Module:												
Vol/Sat:	0.07	0.08	0.16	0.07	0.23	0.23	0.05	0.23	0.04	0.10	0.17	0.16
Crit Moves:	****				****			****			****	
Green/Cycle:	0.09	0.29	0.29	0.12	0.32	0.32	0.10	0.32	0.32	0.14	0.36	0.36
Volume/Cap:	0.73	0.26	0.57	0.57	0.73	0.73	0.47	0.73	0.14	0.73	0.47	0.45
Uniform Del:	39.7	24.7	27.3	37.3	27.2	27.2	38.5	27.3	22.0	37.0	22.2	22.0
IncremntDel:	15.4	0.1	1.9	3.7	4.6	4.6	2.1	2.4	0.1	10.1	0.3	0.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	55.1	24.8	29.2	40.9	31.8	31.8	40.6	29.7	22.1	47.2	22.5	22.6
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:	55.1	24.8	29.2	40.9	31.8	31.8	40.6	29.7	22.1	47.2	22.5	22.6
LOS by Move:	E	C	C	D	C	C	D	C	C	D	C	C
HCM2kAvgQ:	5	3	6	4	12	12	3	12	1	6	7	5

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

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

Intersection #2932 Ocean/Washburn-Keenan

Cycle (sec):	95	Critical Vol./Cap.(X):	0.584
Loss Time (sec):	9	Average Delay (sec/veh):	4.4
Optimal Cycle:	39	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:PM 2001												
Base Vol:	8	1080	17	33	1408	5	2	0	7	16	0	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:	8	1080	17	33	1408	5	2	0	7	16	0	15
Added Vol:	2	25	0	0	28	3	1	0	1	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	10	1105	17	33	1436	8	3	0	8	16	0	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	11	1201	18	36	1561	9	3	0	9	17	0	16
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	11	1201	18	36	1561	9	3	0	9	17	0	16
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:	11	1201	18	36	1561	9	3	0	9	17	0	16
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.84	0.84	0.93	0.84	0.84	0.65	1.00	0.65	0.60	1.00	0.60
Lanes:	1.00	1.97	0.03	1.00	1.99	0.01	0.27	0.00	0.73	0.52	0.00	0.48
Final Sat.:	1769	3130	48	1769	3163	18	337	0	899	592	0	555
Capacity Analysis Module:												
Vol/Sat:	0.01	0.38	0.38	0.02	0.49	0.49	0.01	0.00	0.01	0.03	0.00	0.03
Crit Moves:	****				****					****		
Green/Cycle:	0.01	0.81	0.81	0.04	0.84	0.84	0.05	0.00	0.05	0.05	0.00	0.05
Volume/Cap:	0.58	0.47	0.47	0.47	0.58	0.58	0.19	0.00	0.19	0.58	0.00	0.58
Uniform Del:	46.8	2.7	2.7	44.4	2.3	2.3	43.3	0.0	43.3	44.1	0.0	44.1
IncremntDel:	39.8	0.1	0.1	4.6	0.3	0.3	1.5	0.0	1.5	14.5	0.0	14.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Delay/Veh:	86.6	2.9	2.9	49.0	2.6	2.6	44.8	0.0	44.8	58.6	0.0	58.6
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:	86.6	2.9	2.9	49.0	2.6	2.6	44.8	0.0	44.8	58.6	0.0	58.6
LOS by Move:	F	A	A	D	A	A	D	A	D	E	A	E
HCM2kAvgQ:	1	6	6	2	8	8	1	0	1	2	0	2

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

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

Intersection #2933 Ocean/Water

Cycle (sec):	120	Critical Vol./Cap.(X):	1.081
Loss Time (sec):	12	Average Delay (sec/veh):	73.6
Optimal Cycle:	200	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0 2	0	1	1 0 2	0	1	2 0 1	1	0	1 0 2	0	1
Volume Module:PM 2001												
Base Vol:	171	908	76	404	1140	187	335	929	130	140	527	249
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:	171	908	76	404	1140	187	335	929	130	140	527	249
Added Vol:	0	4	0	9	6	15	15	69	0	0	41	9
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	171	912	76	413	1146	202	350	998	130	140	568	258
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	186	991	83	449	1246	220	380	1085	141	152	617	280
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	186	991	83	449	1246	220	380	1085	141	152	617	280
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:	186	991	83	449	1246	220	380	1085	141	152	617	280
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	0.83	0.93	0.93	0.82	0.90	0.92	0.91	0.93	0.93	0.81
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	1.77	0.23	1.00	2.00	1.00
Final Sat.:	1769	3538	1572	1769	3538	1553	3432	3076	401	1769	3538	1536
Capacity Analysis Module:												
Vol/Sat:	0.11	0.28	0.05	0.25	0.35	0.14	0.11	0.35	0.35	0.09	0.17	0.18
Crit Moves:		****		****				****		****		
Green/Cycle:	0.11	0.26	0.26	0.23	0.38	0.38	0.15	0.33	0.33	0.08	0.25	0.25
Volume/Cap:	0.93	1.08	0.20	1.08	0.93	0.37	0.72	1.08	1.08	1.08	0.69	0.72
Uniform Del:	52.7	44.4	34.7	45.9	35.5	26.8	48.4	40.4	40.4	55.2	40.6	41.0
IncremntDel:	42.9	54.0	0.2	67.6	11.0	0.4	4.9	51.4	51.4	99.1	2.3	6.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	95.6	98.5	35.0	113.5	46.5	27.2	53.3	91.8	91.8	154.3	42.9	47.6
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:	95.6	98.5	35.0	113.5	46.5	27.2	53.3	91.8	91.8	154.3	42.9	47.6
LOS by Move:	F	F	C	F	D	C	D	F	F	F	D	D
HCM2kAvgQ:	10	28	2	25	27	6	8	34	34	8	11	9

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

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

Intersection #2934 Market/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	0.748
Loss Time (sec):	9	Average Delay (sec/veh):	22.3
Optimal Cycle:	57	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	1	0	0	1	0	2	0	1	0
Volume Module:5:00 - 6:00 PM												
Base Vol:	0	0	0	459	0	108	115	1280	0	0	766	89
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	0	0	459	0	108	115	1280	0	0	766	89
Added Vol:	0	0	0	0	0	9	13	64	0	0	40	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	459	0	117	128	1344	0	0	806	89
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	0	0	0	483	0	123	135	1415	0	0	848	94
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	483	0	123	135	1415	0	0	848	94
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:	0	0	0	483	0	123	135	1415	0	0	848	94
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.93	1.00	0.83	0.93	0.93	1.00	1.00	0.92	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	2.00	0.00	0.00	1.80	0.20
Final Sat.:	0	0	0	1769	0	1583	1769	3538	0	0	3138	347
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.27	0.00	0.08	0.08	0.40	0.00	0.00	0.27	0.27
Crit Moves:				****				****		****		
Green/Cycle:	0.00	0.00	0.00	0.37	0.00	0.37	0.12	0.53	0.00	0.00	0.42	0.42
Volume/Cap:	0.00	0.00	0.00	0.75	0.00	0.21	0.65	0.75	0.00	0.00	0.65	0.65
Uniform Del:	0.0	0.0	0.0	24.9	0.0	19.7	37.9	16.2	0.0	0.0	20.9	20.9
IncremntDel:	0.0	0.0	0.0	4.8	0.0	0.2	7.0	1.7	0.0	0.0	1.0	1.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	29.8	0.0	19.8	44.9	17.9	0.0	0.0	22.0	22.0
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:	0.0	0.0	0.0	29.8	0.0	19.8	44.9	17.9	0.0	0.0	22.0	22.0
LOS by Move:	A	A	A	C	A	B	D	B	A	A	C	C
HCM2kAvgQ:	0	0	0	13	0	2	3	15	0	0	10	10

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

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

Intersection #2935 N_Branciforte/Water

Cycle (sec):	100	Critical Vol./Cap.(X):	0.834
Loss Time (sec):	12	Average Delay (sec/veh):	36.6
Optimal Cycle:	86	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	2 0	1	1 0	1 1	0
Volume Module:5:00 - 6:00 PM												
Base Vol:	232	257	59	40	172	62	349	860	388	87	644	48
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:	232	257	59	40	172	62	349	860	388	87	644	48
Added Vol:	1	1	0	1	1	4	13	50	1	0	36	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	233	258	59	41	173	66	362	910	389	87	680	49
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	251	277	63	44	186	71	389	978	418	94	731	53
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	251	277	63	44	186	71	389	978	418	94	731	53
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:	251	277	63	44	186	71	389	978	418	94	731	53
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.95	0.95	0.93	0.94	0.93	0.91	0.91	0.68	0.93	0.92	0.92
Lanes:	1.00	0.81	0.19	1.00	0.72	0.28	1.00	2.00	1.00	1.00	1.86	0.14
Final Sat.:	1769	1473	337	1769	1290	492	1734	3467	1285	1769	3266	235
Capacity Analysis Module:												
Vol/Sat:	0.14	0.19	0.19	0.02	0.14	0.14	0.22	0.28	0.33	0.05	0.22	0.22
Crit Moves:	****				****		****				****	
Green/Cycle:	0.17	0.30	0.30	0.04	0.17	0.17	0.27	0.46	0.46	0.08	0.27	0.27
Volume/Cap:	0.83	0.62	0.62	0.62	0.83	0.83	0.83	0.61	0.70	0.70	0.83	0.83
Uniform Del:	40.2	30.0	30.0	47.3	40.0	40.0	34.4	20.1	21.4	45.2	34.5	34.5
IncremntDel:	17.9	2.2	2.2	15.9	17.5	17.5	12.3	0.7	3.8	15.7	6.5	6.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	58.1	32.2	32.2	63.2	57.5	57.5	46.7	20.8	25.3	60.9	41.0	41.0
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:	58.1	32.2	32.2	63.2	57.5	57.5	46.7	20.8	25.3	60.9	41.0	41.0
LOS by Move:	E	C	C	E	E	E	D	C	C	E	D	D
HCM2kAvgQ:	10	10	10	2	10	10	11	11	10	4	15	14

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

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------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2936 Seabright/Water
******************************************************************************
Average Delay (sec/veh):    136.0       Worst Case Level Of Service: F[1403.5]
******************************************************************************
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    0  0  0  1  0    1  0  1  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM
Base Vol:      78    0   153     0    0     0     0  952    89    90  973     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:   78    0   153     0    0     0     0  952    89    90  973     0
Added Vol:      1    0     2     0    0     0     0   48     3     0   35     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   79    0   155     0    0     0     0 1000    92    90 1008     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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:    88    0   172     0    0     0     0 1111   102   100 1120     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:   88    0   172     0    0     0     0 1111   102   100 1120     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  6.4  6.5   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   4.1 xxxx xxxxx
FollowUpTim:  3.5  4.0   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   2.2 xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 2482 2482  1162  xxxx xxxx xxxxx  xxxx xxxx xxxxx  1213 xxxx xxxxx
Potent Cap.:   33   30   237  xxxx xxxx xxxxx  xxxx xxxx xxxxx   575 xxxx xxxxx
Move Cap.:     28   24   237  xxxx xxxx xxxxx  xxxx xxxx xxxxx   575 xxxx xxxxx
Volume/Cap:  3.11 0.00  0.73  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.17 xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.6 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx  12.6 xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     B    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx   68 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx 27.6 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx 1404 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    F     *     *    *     *     *    *     *     *    *     *
ApproachDel:    1403.5           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         F                *                *                *
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2937 Morrissey/Soquel/Water
*******************************************************************************
Cycle (sec):          90               Critical Vol./Cap.(X):         1.093
Loss Time (sec):       9               Average Delay (sec/veh):        65.4
Optimal Cycle:       200               Level Of Service:                  E
*******************************************************************************
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:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        0  0  1! 0  0    1  0  1  0  1    2  0  1  1  0    1  0  2  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:     202  132   211   249  219     0   471 1252    38    57 1200     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:  202  132   211   249  219     0   471 1252    38    57 1200     0
Added Vol:      0    1     0     3    1     1     1   62     0     1   40     2
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  202  133   211   252  220     1   472 1314    38    58 1240     2
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:     0.95 0.95  0.95  0.95 0.95  0.95  0.95 0.95  0.95  0.95 0.95  0.95
PHF Volume:   213  140   222   265  232     1   497 1383    40    61 1305     2
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  213  140   222   265  232     1   497 1383    40    61 1305     2
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:  213  140   222   265  232     1   497 1383    40    61 1305     2
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.64 0.64  0.64  0.69 0.98  0.83  0.90 0.93  0.93  0.93 0.93  0.83
Lanes:       0.37 0.24  0.39  1.00 1.00  1.00  2.00 1.94  0.06  1.00 2.00  1.00
Final Sat.:   453  298   473  1302 1862  1583  3432 3425    99  1769 3538  1583
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.47 0.47  0.47  0.20 0.12  0.00  0.14 0.40  0.40  0.03 0.37  0.00
Crit Moves:       ****                          ****                ****
Green/Cycle: 0.43 0.43  0.43  0.43 0.43  0.43  0.13 0.43  0.43  0.04 0.34  0.34
Volume/Cap:  1.09 1.09  1.09  0.47 0.29  0.00  1.09 0.93  0.93  0.93 1.09  0.00
Uniform Del: 25.7 25.7  25.7  18.4 16.7  14.6  39.0 24.3  24.3  43.2 29.8  19.8
IncremntDel: 66.9 66.9  66.9   0.6  0.2   0.0  69.7 10.8  10.8  87.4 55.2   0.0
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   92.6 92.6  92.6  19.0 16.9  14.6 108.8 35.0  35.0 130.7 85.0  19.8
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:  92.6 92.6  92.6  19.0 16.9  14.6 108.8 35.0  35.0 130.7 85.0  19.8
LOS by Move:    F    F     F     B    B     B     F    D     D     F    F     B
HCM2kAvgQ:     26   26    26     6    4     0    14   25    25     2   28     0
*******************************************************************************

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

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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2938 Frederick/Soquel
*******************************************************************************
Cycle (sec):          90               Critical Vol./Cap.(X):         0.907
Loss Time (sec):       9               Average Delay (sec/veh):        28.6
Optimal Cycle:       101               Level Of Service:                  C
*******************************************************************************
Approach:      North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Split Phase      Split Phase       Protected        Protected
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  0  0  1    0  0  0  0  0    0  0  1  1  0    1  0  2  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:     125    0   411     0    0     0     0 1292    53   196 1105     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:  125    0   411     0    0     0     0 1292    53   196 1105     0
Added Vol:      2    0     0     0    0     0     0   65     1     0   41     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  127    0   411     0    0     0     0 1357    54   196 1146     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:     0.95 0.95  0.95  0.95 0.95  0.95  0.95 0.95  0.95  0.95 0.95  0.95
PHF Volume:   134    0   433     0    0     0     0 1428    57   206 1206     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  134    0   433     0    0     0     0 1428    57   206 1206     0
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:  134    0   433     0    0     0     0 1428    57   206 1206     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 1.00  0.82  1.00 1.00  1.00  1.00 0.93  0.92  0.93 0.93  1.00
Lanes:       1.00 0.00  1.00  0.00 0.00  0.00  0.00 1.92  0.08  1.00 2.00  0.00
Final Sat.:  1769    0  1559     0    0     0     0 3382   135  1769 3538     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.08 0.00  0.28  0.00 0.00  0.00  0.00 0.42  0.42  0.12 0.34  0.00
Crit Moves:             ****                          ****        ****
Green/Cycle: 0.31 0.00  0.31  0.00 0.00  0.00  0.00 0.47  0.47  0.13 0.59  0.00
Volume/Cap:  0.25 0.00  0.91  0.00 0.00  0.00  0.00 0.91  0.91  0.91 0.57  0.00
Uniform Del: 23.5  0.0  30.0   0.0  0.0   0.0   0.0 22.2  22.2  38.7 11.2   0.0
IncremntDel:  0.2  0.0  20.9   0.0  0.0   0.0   0.0  7.7   7.7  35.6  0.4   0.0
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay Adj:   1.00 0.00  1.00  0.00 0.00  0.00  0.00 1.00  1.00  1.00 1.00  0.00
Delay/Veh:   23.7  0.0  50.9   0.0  0.0   0.0   0.0 30.0  30.0  74.3 11.6   0.0
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:  23.7  0.0  50.9   0.0  0.0   0.0   0.0 30.0  30.0  74.3 11.6   0.0
LOS by Move:    C    A     D     A    A     A     A    C     C     E    B     A
HCM2kAvgQ:      3    0    15     0    0     0     0   19    19     9   11     0
*******************************************************************************

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

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

Intersection #2939 Hagemann-Trevethan/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.689
Loss Time (sec):	6	Average Delay (sec/veh):	8.4
Optimal Cycle:	41	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	1 0	1	0	0 1	0	1 0
Volume Module:												
Base Vol:	60	12	34	74	11	54	17	1706	32	22	1222	24
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:	60	12	34	74	11	54	17	1706	32	22	1222	24
Added Vol:	1	0	0	0	0	5	4	57	1	0	40	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	61	12	34	74	11	59	21	1763	33	22	1262	24
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	64	13	36	78	12	62	22	1856	35	23	1328	25
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	64	13	36	78	12	62	22	1856	35	23	1328	25
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:	64	13	36	78	12	62	22	1856	35	23	1328	25
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.68	0.69	0.68	0.72	0.72	0.72	0.16	0.93	0.93	0.81	0.81	0.81
Lanes:	0.57	0.11	0.32	0.51	0.08	0.41	1.00	1.96	0.04	0.03	1.93	0.04
Final Sat.:	739	145	412	700	104	558	309	3462	65	52	2985	57
Capacity Analysis Module:												
Vol/Sat:	0.09	0.09	0.09	0.11	0.11	0.11	0.07	0.54	0.54	0.45	0.45	0.45
Crit Moves:					****			****				
Green/Cycle:	0.16	0.16	0.16	0.16	0.16	0.16	0.78	0.78	0.78	0.78	0.78	0.78
Volume/Cap:	0.54	0.54	0.54	0.69	0.69	0.69	0.09	0.69	0.69	0.57	0.57	0.57
Uniform Del:	38.5	38.5	38.5	39.5	39.5	39.5	2.6	5.3	5.3	4.4	4.4	4.4
IncremntDel:	2.8	2.8	2.8	8.9	8.9	8.9	0.2	0.8	0.8	0.3	0.3	0.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	41.3	41.3	41.3	48.4	48.4	48.4	2.8	6.0	6.0	4.8	4.8	4.8
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:	41.3	41.3	41.3	48.4	48.4	48.4	2.8	6.0	6.0	4.8	4.8	4.8
LOS by Move:	D	D	D	D	D	D	A	A	A	A	A	A
HCM2kAvgQ:	4	4	4	6	6	6	0	15	15	9	9	9

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

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

Intersection #2940 Park/Soquel

Cycle (sec):	90	Critical Vol./Cap.(X):	0.842
Loss Time (sec):	6	Average Delay (sec/veh):	11.6
Optimal Cycle:	67	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 1 0	0	1	0 1 0
Volume Module:												
Base Vol:	13	18	19	128	7	69	39	1780	11	9	1169	28
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:	13	18	19	128	7	69	39	1780	11	9	1169	28
Added Vol:	0	0	0	0	0	0	0	57	0	0	40	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	13	18	19	128	7	69	39	1837	11	9	1209	28
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	14	19	20	135	7	73	41	1934	12	9	1273	29
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	14	19	20	135	7	73	41	1934	12	9	1273	29
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:	14	19	20	135	7	73	41	1934	12	9	1273	29
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.86	0.86	0.85	0.74	0.74	0.74	0.83	0.83	0.83	0.85	0.85	0.84
Lanes:	0.26	0.36	0.38	0.63	0.03	0.34	0.04	1.95	0.01	0.01	1.95	0.04
Final Sat.:	424	587	619	880	48	475	65	3055	18	23	3116	72
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.15	0.15	0.15	0.63	0.63	0.63	0.41	0.41	0.41
Crit Moves:					****			****				
Green/Cycle:	0.18	0.18	0.18	0.18	0.18	0.18	0.75	0.75	0.75	0.75	0.75	0.75
Volume/Cap:	0.18	0.18	0.18	0.84	0.84	0.84	0.84	0.84	0.84	0.54	0.54	0.54
Uniform Del:	31.1	31.1	31.1	35.6	35.6	35.6	7.6	7.6	7.6	4.7	4.7	4.7
IncremntDel:	0.3	0.3	0.3	21.6	21.6	21.6	2.9	2.9	2.9	0.3	0.3	0.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	31.4	31.4	31.4	57.1	57.1	57.1	10.5	10.5	10.5	5.0	5.0	5.0
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:	31.4	31.4	31.4	57.1	57.1	57.1	10.5	10.5	10.5	5.0	5.0	5.0
LOS by Move:	C	C	C	E	E	E	B	B	B	A	A	A
HCM2kAvgQ:	1	1	1	8	8	8	20	20	20	8	8	8

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

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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2941 Capitola_Rd/Soquel_Av
*******************************************************************************
Cycle (sec):          90               Critical Vol./Cap.(X):         0.991
Loss Time (sec):      12               Average Delay (sec/veh):        37.4
Optimal Cycle:       161               Level Of Service:                  D
*******************************************************************************
Approach:      North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Split Phase      Split Phase       Protected        Protected
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  1  0  0  1    0  1  0  0  1    1  0  2  0  1    1  0  1  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:     542   16    77    47   25    28    20  836   859    79  595    25
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:  542   16    77    47   25    28    20  836   859    79  595    25
Added Vol:     33    0     0     0    0     0     0    3    54     0    7     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  575   16    77    47   25    28    20  839   913    79  602    25
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:   625   17    84    51   27    30    22  912   992    86  654    27
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  625   17    84    51   27    30    22  912   992    86  654    27
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:  625   17    84    51   27    30    22  912   992    86  654    27
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 0.93  0.82  0.97 0.97  0.85  0.95 0.95  0.85  0.91 0.91  0.91
Lanes:       1.95 0.05  1.00  0.65 0.35  1.00  1.00 2.00  1.00  1.00 1.92  0.08
Final Sat.:  3422   95  1567  1200  638  1614  1804 3609  1700  1734 3309   137
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.18 0.18  0.05  0.04 0.04  0.02  0.01 0.25  0.58  0.05 0.20  0.20
Crit Moves:       ****              ****                    ****  ****
Green/Cycle: 0.18 0.18  0.18  0.04 0.04  0.04  0.04 0.59  0.59  0.05 0.60  0.60
Volume/Cap:  0.99 0.99  0.29  0.99 0.99  0.44  0.33 0.43  0.99  0.99 0.33  0.33
Uniform Del: 36.6 36.6  31.6  43.0 43.0  42.0  42.3 10.2  18.2  42.7  8.9   8.9
IncremntDel: 32.9 32.9   0.6  97.9 97.9   4.4   2.9  0.1  26.0  93.4  0.1   0.1
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   69.5 69.5  32.2 141.0  141  46.4  45.2 10.3  44.3 136.1  9.0   9.0
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:  69.5 69.5  32.2 141.0  141  46.4  45.2 10.3  44.3 136.1  9.0   9.0
LOS by Move:    E    E     C     F    F     D     D    B     D     F    A     A
HCM2kAvgQ:     14   14     2     5    5     1     1    7    30     3    5     5
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Note: Queue reported is the number of cars per lane.

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

Intersection #2942 La_Fonda_Av/Soquel_Av

Cycle (sec):	100	Critical Vol./Cap.(X):	0.282
Loss Time (sec):	12	Average Delay (sec/veh):	10.3
Optimal Cycle:	30	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Ovl			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	1	0 0	1	0	1 1	1	0	1 1 0
Volume Module:												
Base Vol:	1	1	1	52	0	55	75	701	2	2	467	69
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:	1	1	1	52	0	55	75	701	2	2	467	69
Added Vol:	0	0	0	0	0	0	0	3	0	0	7	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	1	1	52	0	55	75	704	2	2	474	69
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	1	1	1	57	0	60	82	765	2	2	515	75
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	1	1	1	57	0	60	82	765	2	2	515	75
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:	1	1	1	57	0	60	82	765	2	2	515	75
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	1.00	0.83	0.93	0.93	0.93	0.94	0.92	0.92
Lanes:	0.34	0.33	0.33	1.00	0.00	1.00	1.00	1.99	0.01	1.00	1.75	0.25
Final Sat.:	583	583	583	1773	0	1583	1769	3528	10	1787	3060	445
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.03	0.00	0.04	0.05	0.22	0.22	0.00	0.17	0.17
Crit Moves:		****		****			****				****	
Green/Cycle:	0.01	0.01	0.01	0.11	0.00	0.28	0.16	0.76	0.76	0.00	0.60	0.60
Volume/Cap:	0.28	0.28	0.28	0.28	0.00	0.14	0.28	0.29	0.29	0.29	0.28	0.28
Uniform Del:	49.4	49.4	49.4	40.6	0.0	27.2	36.7	3.8	3.8	49.6	9.8	9.8
IncremntDel:	12.9	12.9	12.9	0.8	0.0	0.1	0.5	0.1	0.1	19.8	0.1	0.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delay/Veh:	62.4	62.4	62.4	41.4	0.0	27.3	37.2	3.9	3.9	69.4	9.8	9.8
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:	62.4	62.4	62.4	41.4	0.0	27.3	37.2	3.9	3.9	69.4	9.8	9.8
LOS by Move:	E	E	E	D	A	C	D	A	A	E	A	A
HCM2kAvgQ:	0	0	0	2	0	1	2	4	4	0	5	5

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

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--------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
********************************************************************************
Intersection #2943 California_Ave/Bay
********************************************************************************
Cycle (sec):           1               Critical Vol./Cap.(X):         1.130
Loss Time (sec):       0               Average Delay (sec/veh):        67.6
Optimal Cycle:         0               Level Of Service:                F
********************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        1  0  0  0  1    0  0  0  0  0    0  0  0  1  0    0  1  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM
Base Vol:     191    0    36     0    0     0     0  511   142    58  471     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:  191    0    36     0    0     0     0  511   142    58  471     0
Added Vol:      2    0     0     0    0     0     0   11     1     0   19     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  193    0    36     0    0     0     0  522   143    58  490     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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:   210    0    39     0    0     0     0  567   155    63  533     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  210    0    39     0    0     0     0  567   155    63  533     0
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:  210    0    39     0    0     0     0  567   155    63  533     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       1.00 0.00  1.00  0.00 0.00  0.00  0.00 0.78  0.22  0.11 0.89  0.00
Final Sat.:   458    0   538     0    0     0     0  502   138    66  554     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.46 xxxx  0.07  xxxx xxxx  xxxx  xxxx 1.13  1.13  0.96 0.96  xxxx
Crit Moves:  ****                                      ****  ****
Delay/Veh:   16.9  0.0   9.9   0.0  0.0   0.0   0.0 98.9  98.9  51.2 51.2   0.0
Delay 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
AdjDel/Veh:  16.9  0.0   9.9   0.0  0.0   0.0   0.0 98.9  98.9  51.2 51.2   0.0
LOS by Move:    C    *     A     *    *     *     *    F     F     F    F     *
ApproachDel:       15.8           xxxxxx             98.9             51.2
Delay Adj:         1.00            xxxxx             1.00             1.00
ApprAdjDel:        15.8           xxxxxx             98.9             51.2
LOS by Appr:          C                *                F                F
AllWayAvgQ:   0.8  0.0   0.1   0.0  0.0   0.0  16.0 16.0  16.0   7.3  7.3   7.3
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
```

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------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2944 California_St/Bay
******************************************************************************
Average Delay (sec/veh):     84.8       Worst Case Level Of Service: F[434.0]
******************************************************************************
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  0  0  0    0  0  1! 0  0    0  1  0  0  0    0  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:November 2003
Base Vol:       0    0     0   212    0    88   128  441     0     0  338   334
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    0     0   212    0    88   128  441     0     0  338   334
Added Vol:      0    0     0     4    0     0     0    7     0     0    8    12
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     0   216    0    88   128  448     0     0  346   346
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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:     0    0     0   240    0    98   142  498     0     0  384   384
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     0   240    0    98   142  498     0     0  384   384
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx   6.4  6.5   6.2   4.1 xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx xxxxx   3.5  4.0   3.3   2.2 xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  1359 1359   577   769 xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx xxxxx   164  149   516   845 xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx xxxxx   141  121   516   845 xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  xxxx  1.70 0.00  0.19  0.17 xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.6 xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx  10.1 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  185 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx 24.3 xxxxx   0.6 xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx  434 xxxxx  10.1 xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    F     *     B    *     *     *    *     *
ApproachDel:    xxxxxx            434.0           xxxxxx           xxxxxx
ApproachLOS:         *                F                *                *
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
```

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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2945 California_St/Laurel_St
*******************************************************************************
Cycle (sec):          80               Critical Vol./Cap.(X):         0.641
Loss Time (sec):       9               Average Delay (sec/veh):        20.3
Optimal Cycle:        43               Level Of Service:                  C
*******************************************************************************
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:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        0  1  0  0  1    0  0  1! 0  0    1  0  0  1  0    1  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM Peak Hour
Base Vol:      35  224   237    23  169    29    11  515    30   110  529    20
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:   35  224   237    23  169    29    11  515    30   110  529    20
Added Vol:      0    0    12     0    0     0     0   11     0     4    8     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   35  224   249    23  169    29    11  526    30   114  537    20
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    38  243   271    25  184    32    12  572    33   124  584    22
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   38  243   271    25  184    32    12  572    33   124  584    22
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:   38  243   271    25  184    32    12  572    33   124  584    22
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.92 0.92  0.84  0.92 0.92  0.92  0.93 0.97  0.97  0.90 0.95  0.95
Lanes:       0.14 0.86  1.00  0.10 0.77  0.13  1.00 0.95  0.05  1.00 0.96  0.04
Final Sat.:   237 1516  1599   183 1343   230  1769 1747   100  1716 1733    65
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.16 0.16  0.17  0.14 0.14  0.14  0.01 0.33  0.33  0.07 0.34  0.34
Crit Moves:             ****                     ****        ****
Green/Cycle: 0.26 0.26  0.26  0.26 0.26  0.26  0.01 0.51  0.51  0.11 0.61  0.61
Volume/Cap:  0.61 0.61  0.64  0.52 0.52  0.52  0.55 0.64  0.64  0.64 0.55  0.55
Uniform Del: 25.8 25.8  26.1  25.1 25.1  25.1  39.3 14.2  14.2  33.9  9.1   9.1
IncremntDel:  2.3  2.3   3.3   1.0  1.0   1.0  27.2  1.5   1.5   7.1  0.6   0.6
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   28.1 28.1  29.4  26.1 26.1  26.1  66.5 15.7  15.7  41.0  9.7   9.7
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:  28.1 28.1  29.4  26.1 26.1  26.1  66.5 15.7  15.7  41.0  9.7   9.7
LOS by Move:    C    C     C     C    C     C     E    B     B     D    A     A
HCM2kAvgQ:      7    7     7     6    6     6     0   10    10     4    9     9
*******************************************************************************

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

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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2946 Chestnut/Laurel
*******************************************************************************
Cycle (sec):          80               Critical Vol./Cap.(X):         0.639
Loss Time (sec):       9               Average Delay (sec/veh):        17.2
Optimal Cycle:        43               Level Of Service:                  B
*******************************************************************************
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:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          3.0  3.0   3.0   3.0  3.0   3.0   3.0  3.0   3.0   3.0  3.0   3.0
Lanes:        0  1  0  0  1    0  1  0  0  1    1  0  1  0  1    1  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 30 Sep 2004 << 5:00 - 6:00 PM
Base Vol:     129   37    70    23   36    44    60  632    70    57  588    25
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:  129   37    70    23   36    44    60  632    70    57  588    25
Added Vol:      2    0     0     0    0     3     7   14     2     0    6     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  131   37    70    23   36    47    67  646    72    57  594    25
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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:   146   41    78    26   40    52    74  718    80    63  660    28
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  146   41    78    26   40    52    74  718    80    63  660    28
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:  146   41    78    26   40    52    74  718    80    63  660    28
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.66 0.71  0.79  0.84 0.85  0.77  0.93 0.98  0.79  0.93 0.97  0.97
Lanes:       0.79 0.21  1.00  0.39 0.61  1.00  1.00 1.00  1.00  1.00 0.96  0.04
Final Sat.:   998  282  1503   630  985  1454  1769 1862  1497  1769 1776    75
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.15 0.15  0.05  0.04 0.04  0.04  0.04 0.39  0.05  0.04 0.37  0.37
Crit Moves:       ****                           ****        ****
Green/Cycle: 0.23 0.23  0.23  0.23 0.23  0.23  0.07 0.60  0.60  0.06 0.59  0.59
Volume/Cap:  0.64 0.64  0.23  0.18 0.18  0.16  0.63 0.64  0.09  0.64 0.63  0.63
Uniform Del: 27.9 27.9  25.1  24.8 24.8  24.7  36.3 10.2   6.7  37.0 10.6  10.6
IncremntDel:  4.7  4.7   0.3   0.2  0.2   0.2  10.2  1.2   0.0  13.2  1.2   1.2
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   32.6 32.6  25.5  25.1 25.1  24.9  46.6 11.5   6.7  50.1 11.8  11.8
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:  32.6 32.6  25.5  25.1 25.1  24.9  46.6 11.5   6.7  50.1 11.8  11.8
LOS by Move:    C    C     C     C    C     C     D    B     A     D    B     B
HCM2kAvgQ:      5    6     2     1    1     1     3   12     1     3   12    12
*******************************************************************************

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

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

Intersection #2947 Center/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.620
Loss Time (sec):	9	Average Delay (sec/veh):	16.0
Optimal Cycle:	41	Level Of Service:	B

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	1	0	0 1	1	0	0 1	1	0	0 1
Volume Module:PM Peak (w/ Cedar St. adjustments)												
Base Vol:	61	78	45	107	59	50	30	588	63	56	521	38
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:	61	78	45	107	59	50	30	588	63	56	521	38
Added Vol:	0	4	0	3	7	0	0	14	0	0	6	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	61	82	45	110	66	50	30	602	63	56	527	38
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	66	89	49	120	72	54	33	654	68	61	573	41
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	66	89	49	120	72	54	33	654	68	61	573	41
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:	66	89	49	120	72	54	33	654	68	61	573	41
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.79	0.79	0.83	0.52	0.92	0.92	0.93	0.97	0.97	0.93	0.97	0.97
Lanes:	0.43	0.57	1.00	1.00	0.57	0.43	1.00	0.91	0.09	1.00	0.93	0.07
Final Sat.:	640	861	1583	979	991	750	1769	1662	174	1769	1719	124
Capacity Analysis Module:												
Vol/Sat:	0.10	0.10	0.03	0.12	0.07	0.07	0.02	0.39	0.39	0.03	0.33	0.33
Crit Moves:				****				****		****		
Green/Cycle:	0.20	0.20	0.20	0.20	0.20	0.20	0.04	0.64	0.64	0.06	0.65	0.65
Volume/Cap:	0.53	0.53	0.16	0.62	0.37	0.37	0.51	0.62	0.62	0.62	0.51	0.51
Uniform Del:	28.8	28.8	26.6	29.4	27.8	27.8	37.9	8.8	8.8	37.0	7.2	7.2
IncremntDel:	1.8	1.8	0.2	6.1	0.7	0.7	6.6	1.0	1.0	11.5	0.4	0.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	30.5	30.5	26.9	35.4	28.5	28.5	44.5	9.8	9.8	48.5	7.5	7.5
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:	30.5	30.5	26.9	35.4	28.5	28.5	44.5	9.8	9.8	48.5	7.5	7.5
LOS by Move:	C	C	C	D	C	C	D	A	A	D	A	A
HCM2kAvgQ:	4	4	1	4	3	3	2	11	11	1	8	8

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

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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
*******************************************************************************
Intersection #2948 Cedar/Laurel
*******************************************************************************
Average Delay (sec/veh):      1.4       Worst Case Level Of Service: C[ 16.4]
*******************************************************************************
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  0  0  1    0  0  0  0  1    1  0  0  1  0    0  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM Peak (w/ Cedar St. adjustments)
Base Vol:       0    0    14     0    0   106    41  808    26     0  586    83
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    0    14     0    0   106    41  808    26     0  586    83
Added Vol:      0    0     0     0    0     0     0   17     0     0    6     2
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0    14     0    0   106    41  825    26     0  592    85
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:     0    0    15     0    0   115    45  897    28     0  643    92
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0    15     0    0   115    45  897    28     0  643    92
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx   6.2   4.1 xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx   3.3   2.2 xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   911  xxxx xxxx   690   736 xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   332  xxxx xxxx   445   870 xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   332  xxxx xxxx   445   870 xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.05  xxxx xxxx  0.26  0.05 xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.1  xxxx xxxx   1.0   0.2 xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  16.4 xxxxx xxxx  15.9   9.4 xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     C     *    *     C     A    *     *     *    *     *
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 xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:       16.4             15.9           xxxxxx           xxxxxx
ApproachLOS:         C                C                *                *
*******************************************************************************
Note: Queue reported is the number of cars per lane.
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2949 Pacific/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.709
Loss Time (sec):	9	Average Delay (sec/veh):	18.9
Optimal Cycle:	50	Level Of Service:	B

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 0 1	0	1	0 0 1
Volume Module: PM Peak (w/ Cedar St. adjustments)												
Base Vol:	54	85	40	85	45	27	78	701	39	57	631	74
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:	54	85	40	85	45	27	78	701	39	57	631	74
Added Vol:	0	1	0	0	0	3	2	15	0	0	5	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	54	86	40	85	45	30	80	716	39	57	636	75
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	59	95	44	93	49	33	88	787	43	63	699	82
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	59	95	44	93	49	33	88	787	43	63	699	82
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:	59	95	44	93	49	33	88	787	43	63	699	82
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.81	0.81	0.83	0.64	0.64	0.64	0.93	0.97	0.97	0.93	0.96	0.96
Lanes:	0.39	0.61	1.00	0.53	0.28	0.19	1.00	0.95	0.05	1.00	0.89	0.11
Final Sat.:	590	940	1583	646	342	228	1769	1752	95	1769	1639	193
Capacity Analysis Module:												
Vol/Sat:	0.10	0.10	0.03	0.14	0.14	0.14	0.05	0.45	0.45	0.04	0.43	0.43
Crit Moves:					****			****			****	
Green/Cycle:	0.20	0.20	0.20	0.20	0.20	0.20	0.07	0.63	0.63	0.05	0.61	0.61
Volume/Cap:	0.49	0.49	0.14	0.71	0.71	0.71	0.70	0.71	0.71	0.71	0.70	0.70
Uniform Del:	28.2	28.2	26.1	29.6	29.6	29.6	36.3	9.7	9.7	37.4	10.5	10.5
IncremntDel:	1.2	1.2	0.2	9.1	9.1	9.1	15.7	2.0	2.0	23.3	1.9	1.9
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	29.4	29.4	26.3	38.8	38.8	38.8	52.0	11.8	11.8	60.7	12.4	12.4
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:	29.4	29.4	26.3	38.8	38.8	38.8	52.0	11.8	11.8	60.7	12.4	12.4
LOS by Move:	C	C	C	D	D	D	D	B	B	E	B	B
HCM2kAvgQ:	4	4	1	6	6	6	2	14	14	2	13	13

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

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

Intersection #2950 Front/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.700
Loss Time (sec):	12	Average Delay (sec/veh):	26.4
Optimal Cycle:	56	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	1	1 0	1 0	1	1 0	1 1	0	1 0	1 0	1
Volume Module:PM Peak (w/ Cedar St. adjustments)												
Base Vol:	3	144	190	134	255	209	121	653	26	180	512	135
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:	3	144	190	134	255	209	121	653	26	180	512	135
Added Vol:	0	3	2	7	4	0	0	15	0	3	6	4
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	3	147	192	141	259	209	121	668	26	183	518	139
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	3	160	209	153	282	227	132	726	28	199	563	151
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	3	160	209	153	282	227	132	726	28	199	563	151
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:	3	160	209	153	282	227	132	726	28	199	563	151
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.98	0.83	0.93	0.98	0.83	0.93	0.93	0.93	0.93	0.98	0.83
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.93	0.07	1.00	1.00	1.00
Final Sat.:	1769	1862	1583	1769	1862	1583	1769	3385	132	1769	1862	1583
Capacity Analysis Module:												
Vol/Sat:	0.00	0.09	0.13	0.09	0.15	0.14	0.07	0.21	0.21	0.11	0.30	0.10
Crit Moves:			****	****			****				****	
Green/Cycle:	0.00	0.19	0.19	0.12	0.31	0.31	0.11	0.35	0.35	0.19	0.43	0.43
Volume/Cap:	0.49	0.46	0.70	0.70	0.49	0.47	0.70	0.61	0.61	0.61	0.70	0.22
Uniform Del:	39.8	28.8	30.4	33.6	22.5	22.3	34.5	21.3	21.3	29.9	18.5	14.3
IncremntDel:	47.5	0.9	7.2	9.7	0.7	0.7	11.2	0.9	0.9	3.3	2.8	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	87.3	29.8	37.6	43.3	23.2	23.1	45.7	22.2	22.2	33.2	21.3	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:	87.3	29.8	37.6	43.3	23.2	23.1	45.7	22.2	22.2	33.2	21.3	14.4
LOS by Move:	F	C	D	D	C	C	D	C	C	C	C	B
HCM2kAvgQ:	1	4	6	4	5	4	3	8	8	4	11	2

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

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

Intersection #2951 Front/Metro_Center

Cycle (sec):	60	Critical Vol./Cap.(X):	0.422
Loss Time (sec):	6	Average Delay (sec/veh):	2.6
Optimal Cycle:	23	Level Of Service:	A

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 0	1	0 0	1! 0	0	0 0	0 0	0
Volume Module:PM Peak (w/ Cedar St. adjustments)												
Base Vol:	13	465	0	0	545	15	13	0	18	0	0	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:	13	465	0	0	545	15	13	0	18	0	0	0
Added Vol:	0	8	0	0	10	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	13	473	0	0	555	15	13	0	18	0	0	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:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PHF Volume:	15	538	0	0	631	17	15	0	20	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	15	538	0	0	631	17	15	0	20	0	0	0
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:	15	538	0	0	631	17	15	0	20	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.38	0.98	1.00	1.00	0.98	0.83	0.45	1.00	0.45	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.00	1.00	0.42	0.00	0.58	0.00	0.00	0.00
Final Sat.:	728	1862	0	0	1862	1583	360	0	498	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.02	0.29	0.00	0.00	0.34	0.01	0.04	0.00	0.04	0.00	0.00	0.00
Crit Moves:					****		****					
Green/Cycle:	0.80	0.80	0.00	0.00	0.80	0.80	0.10	0.00	0.10	0.00	0.00	0.00
Volume/Cap:	0.03	0.36	0.00	0.00	0.42	0.01	0.42	0.00	0.42	0.00	0.00	0.00
Uniform Del:	1.2	1.6	0.0	0.0	1.8	1.2	25.5	0.0	25.5	0.0	0.0	0.0
IncremntDel:	0.0	0.1	0.0	0.0	0.2	0.0	3.4	0.0	3.4	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	1.2	1.8	0.0	0.0	2.0	1.2	28.9	0.0	28.9	0.0	0.0	0.0
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:	1.2	1.8	0.0	0.0	2.0	1.2	28.9	0.0	28.9	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	C	A	C	A	A	A
HCM2kAvgQ:	0	3	0	0	4	0	1	0	1	0	0	0

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

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

Intersection #2952 Front/Cathcart

Cycle (sec):	85	Critical Vol./Cap.(X):	0.386
Loss Time (sec):	6	Average Delay (sec/veh):	6.6
Optimal Cycle:	22	Level Of Service:	A

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 1	0	1 0	0 0	1	0 0	0 0	0
Volume Module:PM Peak (w/ Cedar St. adjustments)												
Base Vol:	56	426	0	0	592	153	98	0	66	0	0	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:	56	426	0	0	592	153	98	0	66	0	0	0
Added Vol:	0	8	0	0	6	0	2	0	4	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	434	0	0	598	153	100	0	70	0	0	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	59	457	0	0	629	161	105	0	74	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	59	457	0	0	629	161	105	0	74	0	0	0
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:	59	457	0	0	629	161	105	0	74	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.35	0.80	1.00	1.00	0.83	0.83	0.95	1.00	0.68	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.59	0.41	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	661	1520	0	0	2507	641	1805	0	1292	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.09	0.30	0.00	0.00	0.25	0.25	0.06	0.00	0.06	0.00	0.00	0.00
Crit Moves:		****					****					
Green/Cycle:	0.78	0.78	0.00	0.00	0.78	0.78	0.15	0.00	0.15	0.00	0.00	0.00
Volume/Cap:	0.11	0.39	0.00	0.00	0.32	0.32	0.39	0.00	0.38	0.00	0.00	0.00
Uniform Del:	2.3	3.0	0.0	0.0	2.8	2.8	32.5	0.0	32.5	0.0	0.0	0.0
IncremntDel:	0.1	0.2	0.0	0.0	0.1	0.1	0.9	0.0	1.2	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	2.4	3.2	0.0	0.0	2.9	2.9	33.4	0.0	33.7	0.0	0.0	0.0
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:	2.4	3.2	0.0	0.0	2.9	2.9	33.4	0.0	33.7	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	C	A	C	A	A	A
HCM2kAvgQ:	0	4	0	0	3	3	3	0	2	0	0	0

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

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

Intersection #2953 Front/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.627
Loss Time (sec):	9	Average Delay (sec/veh):	25.5
Optimal Cycle:	43	Level Of Service:	C

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0 1	0	1	0	0 1	0	1	0	1	1	0 0 1
Volume Module: >> Count Date: 29 May 2001 << 4:30 - 5:30 PM												
Base Vol:	43	348	173	151	368	52	60	140	39	392	149	75
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:	43	348	173	151	368	52	60	140	39	392	149	75
Added Vol:	0	8	2	32	7	1	1	19	0	0	20	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	356	175	183	375	53	61	159	39	392	169	75
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	48	396	194	203	417	59	68	177	43	436	188	83
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	48	396	194	203	417	59	68	177	43	436	188	83
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:	48	396	194	203	417	59	68	177	43	436	188	83
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.73	0.73	0.73	0.34	0.96	0.96	0.90	0.90	0.90	0.94	0.94	0.82
Lanes:	0.15	1.24	0.61	1.00	0.88	0.12	0.47	1.23	0.30	1.40	0.60	1.00
Final Sat.:	207	1715	843	653	1600	226	804	2096	514	2491	1074	1563
Capacity Analysis Module:												
Vol/Sat:	0.23	0.23	0.23	0.31	0.26	0.26	0.08	0.08	0.08	0.17	0.17	0.05
Crit Moves:				****					****		****	
Green/Cycle:	0.50	0.50	0.50	0.50	0.50	0.50	0.13	0.13	0.13	0.28	0.28	0.28
Volume/Cap:	0.46	0.46	0.46	0.63	0.52	0.52	0.63	0.63	0.63	0.63	0.63	0.19
Uniform Del:	16.5	16.5	16.5	18.4	17.1	17.1	40.9	40.9	40.9	31.5	31.5	27.5
IncremntDel:	0.2	0.2	0.2	3.9	0.6	0.6	2.7	2.7	2.7	1.3	1.3	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	16.7	16.7	16.7	22.3	17.7	17.7	43.6	43.6	43.6	32.8	32.8	27.7
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:	16.7	16.7	16.7	22.3	17.7	17.7	43.6	43.6	43.6	32.8	32.8	27.7
LOS by Move:	B	B	B	C	B	B	D	D	D	C	C	C
HCM2kAvgQ:	7	7	7	6	10	10	5	5	5	9	9	2

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

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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2954 Front/Cooper
*******************************************************************************
Cycle (sec):          50               Critical Vol./Cap.(X):         0.499
Loss Time (sec):       6               Average Delay (sec/veh):         9.6
Optimal Cycle:        26               Level Of Service:                  A
*******************************************************************************
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        Permitted        Permitted
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  1  0  0    0  0  1  1  0    0  0  1! 0  0    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      79  390     0     0  455    53   104    0   116     0    0     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:   79  390     0     0  455    53   104    0   116     0    0     0
Added Vol:      0    9     0     0    7    13    29    0    32     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   79  399     0     0  462    66   133    0   148     0    0     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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    86  434     0     0  502    72   145    0   161     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   86  434     0     0  502    72   145    0   161     0    0     0
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:   86  434     0     0  502    72   145    0   161     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.40 0.98  1.00  1.00 0.91  0.91  0.78 1.00  0.78  1.00 1.00  1.00
Lanes:       1.00 1.00  0.00  0.00 1.75  0.25  0.47 0.00  0.53  0.00 0.00  0.00
Final Sat.:   756 1862     0     0 3037   434   702    0   782     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.11 0.23  0.00  0.00 0.17  0.17  0.21 0.00  0.21  0.00 0.00  0.00
Crit Moves:       ****                          ****
Green/Cycle: 0.47 0.47  0.00  0.00 0.47  0.47  0.41 0.00  0.41  0.00 0.00  0.00
Volume/Cap:  0.24 0.50  0.00  0.00 0.35  0.35  0.50 0.00  0.50  0.00 0.00  0.00
Uniform Del:  8.0  9.3   0.0   0.0  8.5   8.5  10.9  0.0  10.9   0.0  0.0   0.0
IncremntDel:  0.4  0.5   0.0   0.0  0.1   0.1   0.6  0.0   0.6   0.0  0.0   0.0
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay Adj:   1.00 1.00  0.00  0.00 1.00  1.00  1.00 0.00  1.00  0.00 0.00  0.00
Delay/Veh:    8.4  9.7   0.0   0.0  8.6   8.6  11.5  0.0  11.5   0.0  0.0   0.0
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:   8.4  9.7   0.0   0.0  8.6   8.6  11.5  0.0  11.5   0.0  0.0   0.0
LOS by Move:    A    A     A     A    A     A     B    A     B     A    A     A
HCM2kAvgQ:      1    5     0     0    3     3     4    0     4     0    0     0
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Note: Queue reported is the number of cars per lane.

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

Intersection #2955 River_S/Soquel

Cycle (sec):	85	Critical Vol./Cap.(X):	0.536
Loss Time (sec):	6	Average Delay (sec/veh):	17.8
Optimal Cycle:	29	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0	0 0	1 0	0	0 1	0 0	2	0 0	0 0	1	1 0
Volume Module:												
Base Vol:	0	0	0	382	0	161	0	429	0	0	422	112
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	0	0	382	0	161	0	429	0	0	422	112
Added Vol:	0	0	0	2	0	0	0	53	0	0	20	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	384	0	161	0	482	0	0	442	113
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	427	0	179	0	536	0	0	491	126
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	427	0	179	0	536	0	0	491	126
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:	0	0	0	427	0	179	0	536	0	0	491	126
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.75	1.00	0.67	1.00	0.82	1.00	1.00	0.81	0.81
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	0.00	2.00	0.00	0.00	1.59	0.41
Final Sat.:	0	0	0	1432	0	1266	0	3120	0	0	2457	628
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.30	0.00	0.14	0.00	0.17	0.00	0.00	0.20	0.20
Crit Moves:				****							****	
Green/Cycle:	0.00	0.00	0.00	0.56	0.00	0.56	0.00	0.37	0.00	0.00	0.37	0.37
Volume/Cap:	0.00	0.00	0.00	0.54	0.00	0.25	0.00	0.46	0.00	0.00	0.54	0.54
Uniform Del:	0.0	0.0	0.0	11.9	0.0	9.7	0.0	20.2	0.0	0.0	20.9	20.9
IncremntDel:	0.0	0.0	0.0	0.7	0.0	0.2	0.0	0.3	0.0	0.0	0.5	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	12.6	0.0	9.9	0.0	20.5	0.0	0.0	21.4	21.4
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:	0.0	0.0	0.0	12.6	0.0	9.9	0.0	20.5	0.0	0.0	21.4	21.4
LOS by Move:	A	A	A	B	A	A	A	C	A	A	C	C
HCM2kAvgQ:	0	0	0	7	0	3	0	6	0	0	7	7

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

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

Intersection #2956 Riverside-Dakota/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.359
Loss Time (sec):	6	Average Delay (sec/veh):	8.7
Optimal Cycle:	22	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 1	0	0	1 0
Volume Module:PM												
Base Vol:	36	17	39	29	2	72	13	725	3	3	426	17
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:	36	17	39	29	2	72	13	725	3	3	426	17
Added Vol:	0	0	0	0	0	0	0	55	0	0	20	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	36	17	39	29	2	72	13	780	3	3	446	17
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	40	19	43	32	2	80	14	867	3	3	496	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	40	19	43	32	2	80	14	867	3	3	496	19
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:	40	19	43	32	2	80	14	867	3	3	496	19
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.81	0.81	0.81	0.80	0.80	0.80	0.89	0.89	0.89	0.88	0.88	0.88
Lanes:	0.39	0.18	0.43	0.28	0.02	0.70	0.03	1.96	0.01	0.01	1.92	0.07
Final Sat.:	605	286	656	429	30	1065	55	3302	13	22	3211	122
Capacity Analysis Module:												
Vol/Sat:	0.07	0.07	0.07	0.08	0.08	0.08	0.26	0.26	0.26	0.15	0.15	0.15
Crit Moves:					****			****				
Green/Cycle:	0.21	0.21	0.21	0.21	0.21	0.21	0.73	0.73	0.73	0.73	0.73	0.73
Volume/Cap:	0.32	0.32	0.32	0.36	0.36	0.36	0.36	0.36	0.36	0.21	0.21	0.21
Uniform Del:	33.5	33.5	33.5	33.8	33.8	33.8	4.9	4.9	4.9	4.3	4.3	4.3
IncremntDel:	0.6	0.6	0.6	0.7	0.7	0.7	0.1	0.1	0.1	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	34.0	34.0	34.0	34.5	34.5	34.5	5.0	5.0	5.0	4.3	4.3	4.3
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:	34.0	34.0	34.0	34.5	34.5	34.5	5.0	5.0	5.0	4.3	4.3	4.3
LOS by Move:	C	C	C	C	C	C	A	A	A	A	A	A
HCM2kAvgQ:	3	3	3	3	3	3	5	5	5	3	3	3

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

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

Intersection #2957 Ocean_St/Soquel_Av

Cycle (sec):	110	Critical Vol./Cap.(X):	0.663
Loss Time (sec):	12	Average Delay (sec/veh):	40.3
Optimal Cycle:	56	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	301	469	227	304	382	236	236	413	108	110	244	43
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:	301	469	227	304	382	236	236	413	108	110	244	43
Added Vol:	0	4	3	0	6	0	0	55	0	1	20	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	301	473	230	304	388	236	236	468	108	111	264	43
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	324	509	247	327	417	254	254	503	116	119	284	46
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	324	509	247	327	417	254	254	503	116	119	284	46
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:	324	509	247	327	417	254	254	503	116	119	284	46
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	0.83	0.91	0.91	0.82	0.93	0.90	0.90	0.95	0.93	0.93
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.63	0.37	1.00	1.72	0.28
Final Sat.:	1769	3538	1583	1734	3467	1551	1769	2794	645	1804	3038	495
Capacity Analysis Module:												
Vol/Sat:	0.18	0.14	0.16	0.19	0.12	0.16	0.14	0.18	0.18	0.07	0.09	0.09
Crit Moves:			****	****				****		****		
Green/Cycle:	0.27	0.24	0.24	0.28	0.25	0.25	0.22	0.27	0.27	0.10	0.15	0.15
Volume/Cap:	0.67	0.61	0.66	0.66	0.49	0.67	0.64	0.66	0.66	0.66	0.64	0.64
Uniform Del:	35.4	37.5	38.1	34.7	35.6	37.4	38.6	35.6	35.6	47.7	44.2	44.2
IncremntDel:	3.5	1.3	4.5	3.4	0.4	4.5	3.5	1.8	1.8	9.0	2.7	2.7
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	39.0	38.9	42.5	38.1	36.1	41.9	42.0	37.4	37.4	56.7	46.9	46.9
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:	39.0	38.9	42.5	38.1	36.1	41.9	42.0	37.4	37.4	56.7	46.9	46.9
LOS by Move:	D	D	D	D	D	D	D	D	D	E	D	D
HCM2kAvgQ:	10	8	8	11	7	9	9	11	11	5	7	7

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

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

Intersection #2958 Branciforte/Soquel

Cycle (sec):	60	Critical Vol./Cap.(X):	0.780
Loss Time (sec):	9	Average Delay (sec/veh):	23.6
Optimal Cycle:	55	Level Of Service:	C

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1	0	1	0	0	1	0
Volume Module:PM 1998												
Base Vol:	35	127	64	58	159	87	134	619	76	76	331	34
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:	35	127	64	58	159	87	134	619	76	76	331	34
Added Vol:	0	1	0	0	0	0	0	55	2	0	21	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	35	128	64	58	159	87	134	674	78	76	352	34
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	38	141	70	64	175	96	147	741	86	84	387	37
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	141	70	64	175	96	147	741	86	84	387	37
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:	38	141	70	64	175	96	147	741	86	84	387	37
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.70	0.70	0.70	0.80	0.80	0.67	0.82	0.82	0.82	0.82	0.82	0.82
Lanes:	0.15	0.57	0.28	0.27	0.73	1.00	0.30	1.52	0.18	0.33	1.52	0.15
Final Sat.:	204	747	374	405	1111	1266	472	2374	275	514	2380	230
Capacity Analysis Module:												
Vol/Sat:	0.19	0.19	0.19	0.16	0.16	0.08	0.31	0.31	0.31	0.16	0.16	0.16
Crit Moves:	****								****	****		
Green/Cycle:	0.24	0.24	0.24	0.24	0.24	0.24	0.40	0.40	0.40	0.21	0.21	0.21
Volume/Cap:	0.78	0.78	0.78	0.65	0.65	0.31	0.78	0.78	0.78	0.78	0.78	0.78
Uniform Del:	21.3	21.3	21.3	20.5	20.5	18.7	15.7	15.7	15.7	22.4	22.4	22.4
IncremntDel:	11.6	11.6	11.6	4.2	4.2	0.6	3.2	3.2	3.2	6.0	6.0	6.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	32.9	32.9	32.9	24.6	24.6	19.3	18.9	18.9	18.9	28.5	28.5	28.5
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:	32.9	32.9	32.9	24.6	24.6	19.3	18.9	18.9	18.9	28.5	28.5	28.5
LOS by Move:	C	C	C	C	C	B	B	B	B	C	C	C
HCM2kAvgQ:	7	7	7	5	5	2	10	10	10	7	7	7

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

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

Intersection #2959 Seabright/Soquel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.835
Loss Time (sec):	12	Average Delay (sec/veh):	32.9
Optimal Cycle:	79	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 1 1	0	1	0 1 1 0
Volume Module:PM 1998												
Base Vol:	209	18	212	84	86	66	29	946	111	164	477	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:	209	18	212	84	86	66	29	946	111	164	477	0
Added Vol:	1	3	0	0	3	0	0	20	2	4	4	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	210	21	212	84	89	66	29	966	113	168	481	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	221	22	223	88	94	69	31	1017	119	177	506	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	221	22	223	88	94	69	31	1017	119	177	506	0
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:	221	22	223	88	94	69	31	1017	119	177	506	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.94	0.94	0.83	0.93	0.93	0.93	0.93	0.92	0.92	0.93	0.93	0.95
Lanes:	0.91	0.09	1.00	0.35	0.37	0.28	1.00	1.79	0.21	1.00	2.00	0.00
Final Sat.:	1620	162	1583	619	656	487	1769	3117	365	1769	3538	0
Capacity Analysis Module:												
Vol/Sat:	0.14	0.14	0.14	0.14	0.14	0.14	0.02	0.33	0.33	0.10	0.14	0.00
Crit Moves:			****		****			****		****		
Green/Cycle:	0.17	0.17	0.17	0.17	0.17	0.17	0.05	0.39	0.39	0.12	0.46	0.00
Volume/Cap:	0.81	0.81	0.84	0.84	0.84	0.84	0.31	0.84	0.84	0.84	0.31	0.00
Uniform Del:	32.0	32.0	32.2	32.1	32.1	32.1	36.4	22.0	22.0	34.4	13.8	0.0
IncremntDel:	14.9	14.9	19.8	18.0	18.0	18.0	1.9	4.7	4.7	24.0	0.1	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	46.9	46.9	52.0	50.0	50.0	50.0	38.2	26.7	26.7	58.4	14.0	0.0
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:	46.9	46.9	52.0	50.0	50.0	50.0	38.2	26.7	26.7	58.4	14.0	0.0
LOS by Move:	D	D	D	D	D	D	D	C	C	E	B	A
HCM2kAvgQ:	8	8	8	9	9	9	1	16	16	7	4	0

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

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-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2960 San_Lorenzo_Blvd/Broadway(Laurel_St.)
*******************************************************************************
Cycle (sec):          80               Critical Vol./Cap.(X):         0.628
Loss Time (sec):       6               Average Delay (sec/veh):        11.9
Optimal Cycle:        34               Level Of Service:                  B
*******************************************************************************
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Split Phase      Split Phase        Permitted        Permitted
Rights:           Include          Include            Ovl              Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  0  0  1    0  0  0  0  0    0  0  1  0  1    0  0  1  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:     370    0    33     0    0     0     0  575   426     0  461     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:  370    0    33     0    0     0     0  575   426     0  461     0
Added Vol:      2    0     0     0    0     0     0   20     4     0   11     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  372    0    33     0    0     0     0  595   430     0  472     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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:   404    0    36     0    0     0     0  647   467     0  513     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  404    0    36     0    0     0     0  647   467     0  513     0
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:  404    0    36     0    0     0     0  647   467     0  513     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.91 1.00  0.82  1.00 1.00  1.00  1.00 0.98  0.83  1.00 0.96  1.00
Lanes:       1.00 0.00  1.00  0.00 0.00  0.00  0.00 1.00  1.00  0.00 1.00  0.00
Final Sat.:  1734    0  1551     0    0     0     0 1862  1583     0 1825     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.23 0.00  0.02  0.00 0.00  0.00  0.00 0.35  0.30  0.00 0.28  0.00
Crit Moves:  ****                                  ****
Green/Cycle: 0.37 0.00  0.37  0.00 0.00  0.00  0.00 0.55  0.93  0.00 0.55  0.00
Volume/Cap:  0.63 0.00  0.06  0.00 0.00  0.00  0.00 0.63  0.32  0.00 0.51  0.00
Uniform Del: 20.6  0.0  16.2   0.0  0.0   0.0   0.0 12.2   0.3   0.0 11.1   0.0
IncremntDel:  2.0  0.0   0.0   0.0  0.0   0.0   0.0  1.2   0.1   0.0  0.4   0.0
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay Adj:   1.00 0.00  1.00  0.00 0.00  0.00  0.00 1.00  1.00  0.00 1.00  0.00
Delay/Veh:   22.6  0.0  16.2   0.0  0.0   0.0   0.0 13.5   0.4   0.0 11.5   0.0
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:  22.6  0.0  16.2   0.0  0.0   0.0   0.0 13.5   0.4   0.0 11.5   0.0
LOS by Move:    C    A     B     A    A     A     A    B     A     A    B     A
HCM2kAvgQ:      9    0     1     0    0     0     0   11     1     0    8     0
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Note: Queue reported is the number of cars per lane.

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

Intersection #2961 Ocean_St/Broadway

Cycle (sec):	120	Critical Vol./Cap.(X):	0.752
Loss Time (sec):	9	Average Delay (sec/veh):	34.3
Optimal Cycle:	61	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	1	0 1	0 1	0	1 0	1	0	0 1 0	1	0	0 1 0
Volume Module:PM 2001												
Base Vol:	6	240	78	142	588	168	152	354	38	92	334	67
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:	6	240	78	142	588	168	152	354	38	92	334	67
Added Vol:	1	1	3	1	2	4	5	13	2	6	6	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	7	241	81	143	590	172	157	367	40	98	340	67
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	8	262	88	155	641	187	171	399	43	107	370	73
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	8	262	88	155	641	187	171	399	43	107	370	73
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:	8	262	88	155	641	187	171	399	43	107	370	73
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.85	0.85	0.82	0.73	0.73	0.73	0.93	0.97	0.97	0.93	0.96	0.96
Lanes:	0.06	1.94	1.00	0.32	1.30	0.38	1.00	0.90	0.10	1.00	0.84	0.16
Final Sat.:	91	3133	1551	437	1805	526	1769	1654	180	1769	1517	299
Capacity Analysis Module:												
Vol/Sat:	0.08	0.08	0.06	0.36	0.36	0.36	0.10	0.24	0.24	0.06	0.24	0.24
Crit Moves:					****		****				****	
Green/Cycle:	0.47	0.47	0.47	0.47	0.47	0.47	0.13	0.36	0.36	0.09	0.32	0.32
Volume/Cap:	0.18	0.18	0.12	0.75	0.75	0.75	0.75	0.67	0.67	0.67	0.75	0.75
Uniform Del:	18.2	18.2	17.7	25.9	25.9	25.9	50.5	32.2	32.2	52.8	36.2	36.2
IncremntDel:	0.1	0.1	0.1	2.5	2.5	2.5	13.2	2.6	2.6	10.2	5.4	5.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	18.3	18.3	17.8	28.4	28.4	28.4	63.6	34.8	34.8	63.1	41.7	41.7
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:	18.3	18.3	17.8	28.4	28.4	28.4	63.6	34.8	34.8	63.1	41.7	41.7
LOS by Move:	B	B	B	C	C	C	E	C	C	E	D	D
HCM2kAvgQ:	3	3	2	16	16	16	8	14	14	5	16	16

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

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                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2962 S_Branciforte/Broadway
*******************************************************************************
Cycle (sec):          60               Critical Vol./Cap.(X):         0.683
Loss Time (sec):       6               Average Delay (sec/veh):        11.7
Optimal Cycle:        37               Level Of Service:                  B
*******************************************************************************
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        Permitted        Permitted
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        0  0  1! 0  0    0  0  1! 0  0    0  0  1! 0  0    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      36   45     7   109   64    91    64  544    19     5  336    57
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:   36   45     7   109   64    91    64  544    19     5  336    57
Added Vol:      4    1     0     0    0     0     0   15     1     0    8     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   40   46     7   109   64    91    64  559    20     5  344    57
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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:    44   51     8   121   71   101    71  621    22     6  382    63
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   44   51     8   121   71   101    71  621    22     6  382    63
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:   44   51     8   121   71   101    71  621    22     6  382    63
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.80 0.80  0.80  0.78 0.78  0.78  0.90 0.90  0.90  0.96 0.96  0.96
Lanes:       0.43 0.49  0.08  0.42 0.24  0.34  0.10 0.87  0.03  0.01 0.85  0.14
Final Sat.:   655  753   115   613  360   512   171 1490    53    22 1538   255
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.07 0.07  0.07  0.20 0.20  0.20  0.42 0.42  0.42  0.25 0.25  0.25
Crit Moves:                        ****              ****
Green/Cycle: 0.29 0.29  0.29  0.29 0.29  0.29  0.61 0.61  0.61  0.61 0.61  0.61
Volume/Cap:  0.23 0.23  0.23  0.68 0.68  0.68  0.68 0.68  0.68  0.41 0.41  0.41
Uniform Del: 16.3 16.3  16.3  18.9 18.9  18.9   7.8  7.8   7.8   6.0  6.0   6.0
IncremntDel:  0.3  0.3   0.3   4.5  4.5   4.5   1.9  1.9   1.9   0.2  0.2   0.2
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   16.5 16.5  16.5  23.4 23.4  23.4   9.7  9.7   9.7   6.3  6.3   6.3
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:  16.5 16.5  16.5  23.4 23.4  23.4   9.7  9.7   9.7   6.3  6.3   6.3
LOS by Move:    B    B     B     C    C     C     A    A     A     A    A     A
HCM2kAvgQ:      2    2     2     6    6     6    10   10    10     4    4     4
*******************************************************************************

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

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PM Existing Thu Jan 21, 2010 14:20:02 Page 69-1

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

Intersection #2963 Seabright/Broadway

Cycle (sec):	60	Critical Vol./Cap.(X):	0.732
Loss Time (sec):	6	Average Delay (sec/veh):	14.6
Optimal Cycle:	42	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 0 1	0	0	1! 0 0
Volume Module:												
Base Vol:	115	224	41	10	235	78	141	349	190	40	168	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:	115	224	41	10	235	78	141	349	190	40	168	13
Added Vol:	2	1	0	0	1	4	2	11	1	0	3	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	117	225	41	10	236	82	143	360	191	40	171	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	130	250	46	11	262	91	159	400	212	44	190	14
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	130	250	46	11	262	91	159	400	212	44	190	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:	130	250	46	11	262	91	159	400	212	44	190	14
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.74	0.74	0.74	0.93	0.93	0.93	0.82	0.82	0.83	0.85	0.85	0.85
Lanes:	0.30	0.59	0.11	0.03	0.72	0.25	0.28	0.72	1.00	0.18	0.76	0.06
Final Sat.:	432	830	151	54	1276	443	445	1119	1583	288	1230	93
Capacity Analysis Module:												
Vol/Sat:	0.30	0.30	0.30	0.21	0.21	0.21	0.36	0.36	0.13	0.15	0.15	0.15
Crit Moves:	****							****				
Green/Cycle:	0.41	0.41	0.41	0.41	0.41	0.41	0.49	0.49	0.49	0.49	0.49	0.49
Volume/Cap:	0.73	0.73	0.73	0.50	0.50	0.50	0.73	0.73	0.27	0.32	0.32	0.32
Uniform Del:	14.9	14.9	14.9	13.1	13.1	13.1	12.2	12.2	9.1	9.3	9.3	9.3
IncremntDel:	4.7	4.7	4.7	0.5	0.5	0.5	3.6	3.6	0.2	0.2	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	19.6	19.6	19.6	13.6	13.6	13.6	15.9	15.9	9.3	9.5	9.5	9.5
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:	19.6	19.6	19.6	13.6	13.6	13.6	15.9	15.9	9.3	9.5	9.5	9.5
LOS by Move:	B	B	B	B	B	B	B	B	A	A	A	A
HCM2kAvgQ:	8	8	8	5	5	5	8	8	2	3	3	3

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

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PM Existing Thu Jan 21, 2010 14:20:02 Page 70-1

Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2964 Pacific-Center/W_Cliff-Pacific

Cycle (sec):	100	Critical Vol./Cap.(X):	0.548
Loss Time (sec):	0	Average Delay (sec/veh):	12.2
Optimal Cycle:	0	Level Of Service:	B

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			Stop Sign			Stop Sign		
Rights:	Ignore			Ignore			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1 0	0 1		0 1 0	0 1		0 0 1!	0 0		1 0	1 0	1
Volume Module:February 2002												
Base Vol:	5	77	390	13	112	36	0	0	0	302	95	12
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:	5	77	390	13	112	36	0	0	0	302	95	12
Added Vol:	0	4	6	0	7	0	0	0	0	2	5	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	81	396	13	119	36	0	0	0	304	100	12
User Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.90	0.90	0.00	0.90	0.90	0.00	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	6	90	0	14	132	0	0	0	0	338	111	13
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	6	90	0	14	132	0	0	0	0	338	111	13
PCE Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	6	90	0	14	132	0	0	0	0	338	111	13
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.06	0.94	1.00	0.10	0.90	1.00	0.00	1.00	0.00	1.00	1.00	1.00
Final Sat.:	33	539	643	57	522	654	0	586	0	617	671	770
Capacity Analysis Module:												
Vol/Sat:	0.17	0.17	0.00	0.25	0.25	0.00	xxxx	0.00	xxxx	0.55	0.17	0.02
Crit Moves:	****			****				****		****		
Delay/Veh:	9.8	9.8	0.0	10.5	10.5	0.0	0.0	0.0	0.0	14.9	9.0	7.3
Delay 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
AdjDel/Veh:	9.8	9.8	0.0	10.5	10.5	0.0	0.0	0.0	0.0	14.9	9.0	7.3
LOS by Move:	A	A	*	B	B	*	*	*	*	B	A	A
ApproachDel:	9.8			10.5			xxxxxx			13.3		
Delay Adj:	1.00			1.00			xxxxx			1.00		
ApprAdjDel:	9.8			10.5			xxxxxx			13.3		
LOS by Appr:	A			B			*			B		
AllWayAvgQ:	0.2	0.2	0.0	0.3	0.3	0.0	0.0	0.0	0.0	1.1	0.2	0.0

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

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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
*******************************************************************************
Intersection #2965 W_Cliff/Bay
*******************************************************************************
Cycle (sec):           1               Critical Vol./Cap.(X):         0.642
Loss Time (sec):       0               Average Delay (sec/veh):        16.2
Optimal Cycle:         0               Level Of Service:                  C
*******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  1  0  0  0    0  0  1  0  1    1  0  0  0  1    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 5 May 2004 << 5:00 - 6:00 PM
Base Vol:      54  215     0     0  240   267   275    0    48     0    0     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:   54  215     0     0  240   267   275    0    48     0    0     0
Added Vol:      0    4     0     0    7     4     3    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   54  219     0     0  247   271   278    0    48     0    0     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:     0.88 0.88  0.88  0.88 0.88  0.88  0.88 0.88  0.88  0.88 0.88  0.88
PHF Volume:    61  249     0     0  281   308   316    0    55     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   61  249     0     0  281   308   316    0    55     0    0     0
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:   61  249     0     0  281   308   316    0    55     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.20 0.80  0.00  0.00 1.00  1.00  1.00 0.00  1.00  0.00 0.00  0.00
Final Sat.:   110  447     0     0  564   633   492    0   583     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.56 0.56  xxxx  xxxx 0.50  0.49  0.64 xxxx  0.09  xxxx xxxx  xxxx
Crit Moves:       ****             ****        ****
Delay/Veh:   16.6 16.6   0.0   0.0 14.8  13.2  21.0  0.0   9.2   0.0  0.0   0.0
Delay 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
AdjDel/Veh:  16.6 16.6   0.0   0.0 14.8  13.2  21.0  0.0   9.2   0.0  0.0   0.0
LOS by Move:    C    C     *     *    B     B     C    *     A     *    *     *
ApproachDel:      16.6             14.0             19.3           xxxxxx
Delay Adj:        1.00             1.00             1.00            xxxxx
ApprAdjDel:       16.6             14.0             19.3           xxxxxx
LOS by Appr:         C                B                C                *
AllWayAvgQ:   1.1  1.1   1.1   0.0  0.9   0.9   1.5  0.0   0.1   0.0  0.0   0.0
*******************************************************************************
Note: Queue reported is the number of cars per lane.
*******************************************************************************
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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
*******************************************************************************
Intersection #2966 Pacific/Beach
*******************************************************************************
Cycle (sec):           1               Critical Vol./Cap.(X):         0.848
Loss Time (sec):       0               Average Delay (sec/veh):        20.9
Optimal Cycle:         0               Level Of Service:                  C
*******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  1  1  1  0    1  0  1  1  0    1  0  0  1  0    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 5 May 2004 << 4:30 - 5:30 PM
Base Vol:      21  103     1    25   69   141   429  241    24     0    0     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:   21  103     1    25   69   141   429  241    24     0    0     0
Added Vol:      0    0     0     0    0     9     9    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   21  103     1    25   69   150   438  241    24     0    0     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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:    23  114     1    28   77   167   487  268    27     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   23  114     1    28   77   167   487  268    27     0    0     0
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:   23  114     1    28   77   167   487  268    27     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.50 2.48  0.02  1.00 1.00  1.00  1.00 0.91  0.09  0.00 0.00  0.00
Final Sat.:   228 1146    11   456  488   541   574  569    57     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.10 0.10  0.10  0.06 0.16  0.31  0.85 0.47  0.47  xxxx xxxx  xxxx
Crit Moves:  ****                         ****  ****
Delay/Veh:   11.1 10.8  10.7  10.7 11.0  11.7  33.8 13.2  13.2   0.0  0.0   0.0
Delay 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
AdjDel/Veh:  11.1 10.8  10.7  10.7 11.0  11.7  33.8 13.2  13.2   0.0  0.0   0.0
LOS by Move:    B    B     B     B    B     B     D    B     B     *    *     *
ApproachDel:       10.9             11.4             26.0           xxxxxx
Delay Adj:         1.00             1.00             1.00            xxxxx
ApprAdjDel:        10.9             11.4             26.0           xxxxxx
LOS by Appr:          B                B                D                *
AllWayAvgQ:   0.1  0.1   0.1   0.1  0.2   0.4   4.0  0.8   0.8   0.0  0.0   0.0
*******************************************************************************
Note: Queue reported is the number of cars per lane.
*******************************************************************************
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PM Existing                Thu Jan 21, 2010 14:20:03                Page 73-1
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
*******************************************************************************
Intersection #2967 Cliff/Beach
*******************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         0.400
Loss Time (sec):       0               Average Delay (sec/veh):        10.8
Optimal Cycle:         0               Level Of Service:                  B
*******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  0  0  0    2  0  0  0  0    0  1  1  0  0    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM 1997
Base Vol:       0    0     0   160    0     0   192  280     0     0    0     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    0     0   160    0     0   192  280     0     0    0     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     0   160    0     0   192  280     0     0    0     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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:     0    0     0   178    0     0   213  311     0     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0    0     0   178    0     0   213  311     0     0    0     0
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:    0    0     0   178    0     0   213  311     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.00 0.00  0.00  2.00 0.00  0.00  0.81 1.19  0.00  0.00 0.00  0.00
Final Sat.:     0    0     0  1108    0     0   533  828     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     xxxx xxxx  xxxx  0.16 xxxx  xxxx  0.40 0.38  xxxx  xxxx xxxx  xxxx
Crit Moves:                   ****             ****
Delay/Veh:    0.0  0.0   0.0  10.0  0.0   0.0  11.6 10.8   0.0   0.0  0.0   0.0
Delay 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
AdjDel/Veh:   0.0  0.0   0.0  10.0  0.0   0.0  11.6 10.8   0.0   0.0  0.0   0.0
LOS by Move:    *    *     *     B    *     *     B    B     *     *    *     *
ApproachDel:    xxxxxx             10.0             11.1           xxxxxx
Delay Adj:       xxxxx             1.00             1.00            xxxxx
ApprAdjDel:     xxxxxx             10.0             11.1           xxxxxx
LOS by Appr:         *                B                B                *
AllWayAvgQ:   0.0  0.0   0.0   0.2  0.0   0.0   0.6  0.6   0.0   0.0  0.0   0.0
*******************************************************************************
Note: Queue reported is the number of cars per lane.
*******************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2968 Riverside/Beach

Cycle (sec):	60	Critical Vol./Cap.(X):	0.077
Loss Time (sec):	6	Average Delay (sec/veh):	6.2
Optimal Cycle:	15	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0 0	0	2	0 0	0 0	0	0 2	0 0	0	0 0	0 0
Volume Module:												
Base Vol:	0	0	0	40	0	0	0	167	0	0	0	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	0	0	40	0	0	0	167	0	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	40	0	0	0	167	0	0	0	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	44	0	0	0	186	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	44	0	0	0	186	0	0	0	0
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:	0	0	0	44	0	0	0	186	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.69	1.00	1.00	1.00	0.93	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00
Final Sat.:	0	0	0	2608	0	0	0	3538	0	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
Crit Moves:				****				****				
Green/Cycle:	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00
Volume/Cap:	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
Uniform Del:	0.0	0.0	0.0	18.5	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0
IncremntDel:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	0.0	18.6	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0
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:	0.0	0.0	0.0	18.6	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0
LOS by Move:	A	A	A	B	A	A	A	A	A	A	A	A
HCM2kAvgQ:	0	0	0	0	0	0	0	1	0	0	0	0

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2969 Riverside/Second-Leibrandt

Cycle (sec):	100	Critical Vol./Cap.(X):	0.097
Loss Time (sec):	0	Average Delay (sec/veh):	7.5
Optimal Cycle:	0	Level Of Service:	A

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			0 1 1 0 1			0 0 0 0 1			0 1 0 0 0		
Volume Module:												
Base Vol:	0	0	0	24	108	78	0	0	5	2	1	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	0	0	24	108	78	0	0	5	2	1	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	24	108	78	0	0	5	2	1	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	27	120	87	0	0	6	2	1	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	27	120	87	0	0	6	2	1	0
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:	0	0	0	27	120	87	0	0	6	2	1	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	0.36	1.64	1.00	0.00	0.00	1.00	0.67	0.33	0.00
Final Sat.:	0	0	0	276	1273	933	0	0	904	508	254	0
Capacity Analysis Module:												
Vol/Sat:	xxxx	xxxx	xxxx	0.10	0.09	0.09	xxxx	xxxx	0.01	0.00	0.00	xxxx
Crit Moves:				****					****		****	
Delay/Veh:	0.0	0.0	0.0	7.9	7.8	6.9	0.0	0.0	6.8	7.6	7.6	0.0
Delay 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
AdjDel/Veh:	0.0	0.0	0.0	7.9	7.8	6.9	0.0	0.0	6.8	7.6	7.6	0.0
LOS by Move:	*	*	*	A	A	A	*	*	A	A	A	*
ApproachDel:	xxxxxx			7.5			6.8			7.6		
Delay Adj:	xxxxx			1.00			1.00			1.00		
ApprAdjDel:	xxxxxx			7.5			6.8			7.6		
LOS by Appr:	*			A			A			A		
AllWayAvgQ:	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Intersection #2970 Riverside/3rd_St

Cycle (sec):	95	Critical Vol./Cap.(X):	0.806
Loss Time (sec):	9	Average Delay (sec/veh):	34.7
Optimal Cycle:	69	Level Of Service:	C

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0	0 0	0 0	1	1 0	1 0	0	0 1	0 1	0	1 1
Volume Module:PM 1998												
Base Vol:	0	0	0	0	557	231	410	0	174	123	20	573
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	0	0	0	557	231	410	0	174	123	20	573
Added Vol:	0	0	0	0	0	8	4	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	557	239	414	0	174	123	20	573
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	0	619	266	460	0	193	137	22	637
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	619	266	460	0	193	137	22	637
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:	0	0	0	0	619	266	460	0	193	137	22	637
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	1.00	0.89	0.89	0.94	1.00	0.84	0.80	0.80	0.80
Lanes:	0.00	0.00	0.00	0.00	1.40	0.60	1.00	0.00	1.00	0.86	0.14	2.00
Final Sat.:	0	0	0	0	2364	1014	1787	0	1599	1300	211	3024
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.00	0.26	0.26	0.26	0.00	0.12	0.11	0.11	0.21
Crit Moves:					****		****					****
Green/Cycle:	0.00	0.00	0.00	0.00	0.32	0.32	0.32	0.00	0.32	0.26	0.26	0.26
Volume/Cap:	0.00	0.00	0.00	0.00	0.81	0.81	0.81	0.00	0.38	0.40	0.40	0.81
Uniform Del:	0.0	0.0	0.0	0.0	29.3	29.3	29.6	0.0	25.0	29.0	29.0	32.8
IncremntDel:	0.0	0.0	0.0	0.0	4.5	4.5	8.3	0.0	0.5	0.1	0.1	5.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	0.0	33.8	33.8	37.9	0.0	25.5	29.1	29.1	37.8
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:	0.0	0.0	0.0	0.0	33.8	33.8	37.9	0.0	25.5	29.1	29.1	37.8
LOS by Move:	A	A	A	A	C	C	D	A	C	C	C	D
HCM2kAvgQ:	0	0	0	0	13	13	14	0	5	4	4	11

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

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

Intersection #2971 Riverside/San_Lorenzo_Blvd

Cycle (sec):	95	Critical Vol./Cap.(X):	0.669
Loss Time (sec):	12	Average Delay (sec/veh):	28.9
Optimal Cycle:	55	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Split Phase			Split Phase		
Rights:	Ovl			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	1	0	1	0	0	1	1	0	1	1	0	0	0
Volume Module:												
Base Vol:	57	0	434	30	135	44	0	417	9	196	329	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:	57	0	434	30	135	44	0	417	9	196	329	0
Added Vol:	2	0	2	0	0	0	0	0	4	4	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	59	0	436	30	135	44	0	417	13	200	329	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	64	0	474	33	147	48	0	453	14	217	358	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	64	0	474	33	147	48	0	453	14	217	358	0
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:	64	0	474	33	147	48	0	453	14	217	358	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.85	1.00	0.85	0.89	0.89	0.89	1.00	0.92	0.92	0.95	0.95	1.00
Lanes:	0.21	0.00	1.79	0.29	1.29	0.42	0.00	1.94	0.06	1.00	1.00	0.00
Final Sat.:	346	0	2900	483	2175	709	0	3383	105	1808	1808	0
Capacity Analysis Module:												
Vol/Sat:	0.19	0.00	0.16	0.07	0.07	0.07	0.00	0.13	0.13	0.12	0.20	0.00
Crit Moves:	****			****					****		****	
Green/Cycle:	0.28	0.00	0.57	0.10	0.10	0.10	0.00	0.20	0.20	0.30	0.30	0.00
Volume/Cap:	0.67	0.00	0.29	0.67	0.67	0.67	0.00	0.67	0.67	0.41	0.67	0.00
Uniform Del:	30.5	0.0	10.4	41.2	41.2	41.2	0.0	35.1	35.1	26.8	29.4	0.0
IncremntDel:	2.2	0.0	0.1	5.1	5.1	5.1	0.0	2.5	2.5	0.2	2.1	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	32.7	0.0	10.5	46.3	46.3	46.3	0.0	37.6	37.6	27.0	31.4	0.0
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:	32.7	0.0	10.5	46.3	46.3	46.3	0.0	37.6	37.6	27.0	31.4	0.0
LOS by Move:	C	A	B	D	D	D	A	D	D	C	C	A
HCM2kAvgQ:	8	0	4	5	5	5	0	8	8	5	9	0

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

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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2972 Ocean_St/E_Cliff_Dr
*******************************************************************************
Cycle (sec):          95               Critical Vol./Cap.(X):         1.061
Loss Time (sec):       9               Average Delay (sec/veh):        64.7
Optimal Cycle:       200               Level Of Service:                  E
*******************************************************************************
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:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        0  0  0  0  0    0  0  1! 0  0    2  0  1  0  0    0  0  1  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:4:30 - 5:30 PM
Base Vol:       0    0     0   567    0    55   280  780     0     0  489   119
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    0     0   567    0    55   280  780     0     0  489   119
Added Vol:      0    0     0     1    0     4     2    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     0   568    0    59   282  780     0     0  489   119
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:     0    0     0   617    0    64   307  848     0     0  532   129
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0    0     0   617    0    64   307  848     0     0  532   129
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:    0    0     0   617    0    64   307  848     0     0  532   129
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  1.00 1.00  1.00  0.71 1.00  0.71  0.90 0.98  1.00  1.00 1.00  0.81
Lanes:       0.00 0.00  0.00  0.91 0.00  0.09  2.00 1.00  0.00  0.00 1.00  1.00
Final Sat.:     0    0     0  1222    0   127  3432 1862     0     0 1900  1548
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.00  0.00  0.51 0.00  0.51  0.09 0.46  0.00  0.00 0.28  0.08
Crit Moves:                    ****               ****        ****
Green/Cycle: 0.00 0.00  0.00  0.48 0.00  0.48  0.10 0.43  0.00  0.00 0.33  0.33
Volume/Cap:  0.00 0.00  0.00  1.06 0.00  1.06  0.86 1.06  0.00  0.00 0.86  0.26
Uniform Del:  0.0  0.0   0.0  24.9  0.0  24.9  41.9 27.1   0.0   0.0 30.0  23.6
IncremntDel:  0.0  0.0   0.0  52.9  0.0  52.9  18.6 49.3   0.0   0.0 11.7   0.3
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay Adj:   0.00 0.00  0.00  1.00 0.00  1.00  1.00 1.00  0.00  0.00 1.00  1.00
Delay/Veh:    0.0  0.0   0.0  77.7  0.0  77.7  60.5 76.5   0.0   0.0 41.8  23.9
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:   0.0  0.0   0.0  77.7  0.0  77.7  60.5 76.5   0.0   0.0 41.8  23.9
LOS by Move:    A    A     A     E    A     E     E    E     A     A    D     C
HCM2kAvgQ:      0    0     0    30    0    30     5   33     0     0   18     3
*******************************************************************************

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

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

Intersection #2973 Seabright/Murray

Cycle (sec):	100	Critical Vol./Cap.(X):	0.879
Loss Time (sec):	12	Average Delay (sec/veh):	44.8
Optimal Cycle:	101	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	0	1 0	1 0	0	1 0
Volume Module:PM 1998												
Base Vol:	49	101	80	68	321	46	70	542	48	95	621	52
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:	49	101	80	68	321	46	70	542	48	95	621	52
Added Vol:	0	0	0	2	0	0	0	1	0	0	0	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	49	101	80	70	321	46	70	543	48	95	621	54
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	53	110	87	76	349	50	76	590	52	103	675	59
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	53	110	87	76	349	50	76	590	52	103	675	59
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:	53	110	87	76	349	50	76	590	52	103	675	59
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.92	0.92	0.93	0.96	0.96	0.93	0.97	0.97	0.93	0.97	0.97
Lanes:	1.00	0.56	0.44	1.00	0.87	0.13	1.00	0.92	0.08	1.00	0.92	0.08
Final Sat.:	1769	970	769	1769	1598	229	1769	1690	149	1769	1692	147
Capacity Analysis Module:												
Vol/Sat:	0.03	0.11	0.11	0.04	0.22	0.22	0.04	0.35	0.35	0.06	0.40	0.40
Crit Moves:		****			****			****			****	
Green/Cycle:	0.13	0.13	0.13	0.25	0.25	0.25	0.05	0.43	0.43	0.07	0.45	0.45
Volume/Cap:	0.23	0.88	0.88	0.17	0.88	0.88	0.88	0.81	0.81	0.81	0.88	0.88
Uniform Del:	39.1	42.8	42.8	29.5	36.1	36.1	47.3	24.9	24.9	45.7	24.8	24.8
IncremntDel:	0.5	30.2	30.2	0.2	17.5	17.5	58.6	6.3	6.3	30.9	10.6	10.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	39.7	73.0	73.0	29.7	53.7	53.7	105.8	31.2	31.2	76.7	35.4	35.4
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:	39.7	73.0	73.0	29.7	53.7	53.7	105.8	31.2	31.2	76.7	35.4	35.4
LOS by Move:	D	E	E	C	D	D	F	C	C	E	D	D
HCM2kAvgQ:	2	9	9	2	15	15	5	19	19	5	24	24

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2974 Swift/Delaware

Cycle (sec):	1	Critical Vol./Cap.(X):	1.001
Loss Time (sec):	0	Average Delay (sec/veh):	23.9
Optimal Cycle:	0	Level Of Service:	C

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:4:30 - 5:30 PM												
Base Vol:	5	110	18	49	125	62	115	125	12	19	50	31
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:	5	110	18	49	125	62	115	125	12	19	50	31
Added Vol:	0	2	4	1	1	60	113	98	0	4	59	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	112	22	50	126	122	228	223	12	23	109	32
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:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PHF Volume:	6	128	25	57	144	139	261	255	14	26	125	37
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	6	128	25	57	144	139	261	255	14	26	125	37
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:	6	128	25	57	144	139	261	255	14	26	125	37
Saturation Flow Module:												
Adjustment:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Lanes:	0.04	0.80	0.16	0.17	0.42	0.41	0.49	0.48	0.03	0.14	0.66	0.20
Final Sat.:	16	347	68	81	205	198	260	255	14	63	301	88
Capacity Analysis Module:												
Vol/Sat:	0.37	0.37	0.37	0.70	0.70	0.70	1.00	1.00	1.00	0.41	0.41	0.41
Crit Moves:			****		****				****		****	
Delay/Veh:	12.4	12.4	12.4	17.3	17.3	17.3	35.7	35.7	35.7	12.5	12.5	12.5
Delay 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
AdjDel/Veh:	12.4	12.4	12.4	17.3	17.3	17.3	35.7	35.7	35.7	12.5	12.5	12.5
LOS by Move:	B	B	B	C	C	C	E	E	E	B	B	B
ApproachDel:	12.4			17.3			35.7			12.5		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	12.4			17.3			35.7			12.5		
LOS by Appr:	B			C			E			B		
AllWayAvgQ:	0.4	0.4	0.4	1.2	1.2	1.2	4.5	4.5	4.5	0.4	0.4	0.4

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

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PM Existing                Thu Jan 21, 2010 14:20:03                Page 81-1
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2975 Seventh/Soquel
*******************************************************************************
Cycle (sec):          90               Critical Vol./Cap.(X):         0.748
Loss Time (sec):       9               Average Delay (sec/veh):        23.3
Optimal Cycle:        57               Level Of Service:                  C
*******************************************************************************
Approach:      North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Split Phase      Split Phase       Protected        Protected
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  0  0  1    0  0  0  0  0    0  0  1  1  0    1  0  2  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 17 Dec 2009 << 4:15-5:15 pm
Base Vol:      66    0   302     0    0     0     0  950    52   346  786     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:   66    0   302     0    0     0     0  950    52   346  786     0
Added Vol:      0    0     0     0    0     0     0    3     0     0    7     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   66    0   302     0    0     0     0  953    52   346  793     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:     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 Volume:    66    0   302     0    0     0     0  953    52   346  793     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   66    0   302     0    0     0     0  953    52   346  793     0
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:   66    0   302     0    0     0     0  953    52   346  793     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 1.00  0.83  1.00 1.00  1.00  1.00 0.92  0.92  0.93 0.93  1.00
Lanes:       1.00 0.00  1.00  0.00 0.00  0.00  0.00 1.90  0.10  1.00 2.00  0.00
Final Sat.:  1769    0  1583     0    0     0     0 3328   182  1769 3538     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.04 0.00  0.19  0.00 0.00  0.00  0.00 0.29  0.29  0.20 0.22  0.00
Crit Moves:             ****                          ****        ****
Green/Cycle: 0.26 0.00  0.26  0.00 0.00  0.00  0.00 0.38  0.38  0.26 0.64  0.00
Volume/Cap:  0.15 0.00  0.75  0.00 0.00  0.00  0.00 0.75  0.75  0.75 0.35  0.00
Uniform Del: 25.9  0.0  30.8   0.0  0.0   0.0   0.0 24.0  24.0  30.5  7.3   0.0
IncremntDel:  0.2  0.0   7.5   0.0  0.0   0.0   0.0  2.4   2.4   6.6  0.1   0.0
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay Adj:   1.00 0.00  1.00  0.00 0.00  0.00  0.00 1.00  1.00  1.00 1.00  0.00
Delay/Veh:   26.1  0.0  38.4   0.0  0.0   0.0   0.0 26.4  26.4  37.1  7.4   0.0
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:  26.1  0.0  38.4   0.0  0.0   0.0   0.0 26.4  26.4  37.1  7.4   0.0
LOS by Move:    C    A     D     A    A     A     A    C     C     D    A     A
HCM2kAvgQ:      1    0     9     0    0     0     0   14    14    10    5     0
*******************************************************************************

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

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PM Existing                Thu Jan 21, 2010 14:20:03                Page 82-1
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2976 Seventh/Capitola
*******************************************************************************
Cycle (sec):          90               Critical Vol./Cap.(X):         0.626
Loss Time (sec):      12               Average Delay (sec/veh):        26.8
Optimal Cycle:        50               Level Of Service:                  C
*******************************************************************************
Approach:      North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Protected        Protected        Protected        Protected
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  1  0  1    1  0  0  1  0    1  0  2  0  1    1  0  1  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 17 Dec 2009 << 4:15-5:15 pm
Base Vol:     231  171    62    96  201    33    32  766   280    90  487    92
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:  231  171    62    96  201    33    32  766   280    90  487    92
Added Vol:      5    0     1     0    0     0     0   37    16     2   28     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  236  171    63    96  201    33    32  803   296    92  515    92
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:     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 Volume:   236  171    63    96  201    33    32  803   296    92  515    92
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  236  171    63    96  201    33    32  803   296    92  515    92
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:  236  171    63    96  201    33    32  803   296    92  515    92
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.92 0.97  0.82  0.94 0.97  0.97  0.92 0.92  0.82  0.94 0.92  0.92
Lanes:       1.00 1.00  1.00  1.00 0.86  0.14  1.00 2.00  1.00  1.00 1.70  0.30
Final Sat.:  1751 1843  1567  1787 1581   260  1751 3502  1567  1787 2962   529
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.13 0.09  0.04  0.05 0.13  0.13  0.02 0.23  0.19  0.05 0.17  0.17
Crit Moves:  ****                 ****             ****             ****
Green/Cycle: 0.22 0.26  0.26  0.15 0.20  0.20  0.04 0.37  0.37  0.08 0.41  0.41
Volume/Cap:  0.63 0.35  0.15  0.35 0.63  0.63  0.43 0.63  0.52  0.63 0.43  0.43
Uniform Del: 32.0 26.8  25.3  34.1 32.7  32.7  42.0 23.5  22.3  40.0 19.2  19.2
IncremntDel:  3.3  0.4   0.2   0.8  3.3   3.3   3.9  1.0   0.8   8.2  0.2   0.2
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   35.3 27.2  25.5  34.9 36.1  36.1  45.9 24.4  23.1  48.2 19.4  19.4
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:  35.3 27.2  25.5  34.9 36.1  36.1  45.9 24.4  23.1  48.2 19.4  19.4
LOS by Move:    D    C     C     C    D     D     D    C     C     D    B     B
HCM2kAvgQ:      7    4     1     3    7     7     1   10     7     3    6     6
*******************************************************************************

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

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PM Existing                Thu Jan 21, 2010 14:20:03                Page 83-1
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
*******************************************************************************
Intersection #2977 Seventh/Brommer
*******************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         0.744
Loss Time (sec):       0               Average Delay (sec/veh):        19.3
Optimal Cycle:         0               Level Of Service:                  C
*******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  1! 0  0    0  0  1! 0  0    0  0  1! 0  0    0  1  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 17 Dec 2009 <<
Base Vol:      12  249   208   159  277     7    10    7    17   189    5    85
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:   12  249   208   159  277     7    10    7    17   189    5    85
Added Vol:      0    1     0    16    2     0     0    0     0     0    0     5
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   12  250   208   175  279     7    10    7    17   189    5    90
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:     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 Volume:    12  250   208   175  279     7    10    7    17   189    5    90
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   12  250   208   175  279     7    10    7    17   189    5    90
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:   12  250   208   175  279     7    10    7    17   189    5    90
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.03 0.53  0.44  0.38 0.61  0.01  0.29 0.21  0.50  0.97 0.03  1.00
Final Sat.:    17  347   289   235  375     9   130   91   220   448   12   542
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.72 0.72  0.72  0.74 0.74  0.74  0.08 0.08  0.08  0.42 0.42  0.17
Crit Moves:             ****  ****                ****        ****
Delay/Veh:   20.3 20.3  20.3  22.6 22.6  22.6  10.4 10.4  10.4  14.9 14.9  10.0
Delay 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
AdjDel/Veh:  20.3 20.3  20.3  22.6 22.6  22.6  10.4 10.4  10.4  14.9 14.9  10.0
LOS by Move:    C    C     C     C    C     C     B    B     B     B    B     B
ApproachDel:       20.3             22.6             10.4             13.3
Delay Adj:         1.00             1.00             1.00             1.00
ApprAdjDel:        20.3             22.6             10.4             13.3
LOS by Appr:          C                C                B                B
AllWayAvgQ:   2.1  2.1   2.1   2.4  2.4   2.4   0.1  0.1   0.1   0.6  0.6   0.2
*******************************************************************************
Note: Queue reported is the number of cars per lane.
*******************************************************************************
```

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PM Existing                Thu Jan 21, 2010 14:20:03                Page 84-1
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2978 Seventh/Eaton
*******************************************************************************
Cycle (sec):          90               Critical Vol./Cap.(X):         0.848
Loss Time (sec):       9               Average Delay (sec/veh):        36.8
Optimal Cycle:        78               Level Of Service:                  D
*******************************************************************************
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Split Phase      Split Phase        Permitted        Permitted
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  0  1  0    0  1  0  0  1    0  1  0  0  1    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 17 Dec 2009 << 4:30-5:30 pm
Base Vol:     404  128     4    25  119   313   364    7   528     2   13    12
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:  404  128     4    25  119   313   364    7   528     2   13    12
Added Vol:      1    0     0     0    0     2     1    0     2     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  405  128     4    25  119   315   365    7   530     2   13    12
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:     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 Volume:   405  128     4    25  119   315   365    7   530     2   13    12
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  405  128     4    25  119   315   365    7   530     2   13    12
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:  405  128     4    25  119   315   365    7   530     2   13    12
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 0.98  0.98  0.97 0.97  0.83  0.68 0.68  0.83  0.91 0.91  0.91
Lanes:       1.00 0.97  0.03  0.17 0.83  1.00  0.98 0.02  1.00  0.07 0.49  0.44
Final Sat.:  1769 1798    56   320 1525  1583  1275   24  1583   128  829   765
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.23 0.07  0.07  0.08 0.08  0.20  0.29 0.29  0.33  0.02 0.02  0.02
Crit Moves:  ****                     ****                ****
Green/Cycle: 0.27 0.27  0.27  0.23 0.23  0.23  0.40 0.40  0.40  0.40 0.40  0.40
Volume/Cap:  0.85 0.26  0.26  0.33 0.33  0.85  0.72 0.72  0.85  0.04 0.04  0.04
Uniform Del: 31.1 25.8  25.8  28.6 28.6  32.9  23.1 23.1  24.8  16.7 16.7  16.7
IncremntDel: 13.3  0.3   0.3   0.5  0.5  16.4   5.1  5.1  10.5   0.0  0.0   0.0
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   44.4 26.1  26.1  29.0 29.0  49.3  28.2 28.2  35.3  16.8 16.8  16.8
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:  44.4 26.1  26.1  29.0 29.0  49.3  28.2 28.2  35.3  16.8 16.8  16.8
LOS by Move:    D    C     C     C    C     D     C    C     D     B    B     B
HCM2kAvgQ:     13    3     3     3    3    11    10   10    16     0    0     0
*******************************************************************************

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

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PM Existing                Thu Jan 21, 2010 14:20:03                Page 85-1
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
*******************************************************************************
Intersection #2979 Seventh/E_Cliff
*******************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         0.678
Loss Time (sec):       0               Average Delay (sec/veh):        15.8
Optimal Cycle:         0               Level Of Service:                  C
*******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Ignore           Include          Include          Ignore
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  0  1  0    1  0  1  0  0    0  0  0  0  0    1  0  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 17 Dec 2009 <<
Base Vol:       0  103   201   468   20     0     0    0     0    26    0   465
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  103   201   468   20     0     0    0     0    26    0   465
Added Vol:      0    0     0     1    0     0     0    0     0     0    0     1
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  103   201   469   20     0     0    0     0    26    0   466
User Adj:    1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Volume:     0  103     0   469   20     0     0    0     0    26    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0  103     0   469   20     0     0    0     0    26    0     0
PCE Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
MLF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
FinalVolume:    0  103     0   469   20     0     0    0     0    26    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.00 1.00  0.00  1.00 1.00  0.00  0.00 0.00  0.00  1.00 0.00  1.00
Final Sat.:     0  714     0   691  764     0     0    0     0   518    0   625
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     xxxx 0.14  xxxx  0.68 0.03  xxxx  xxxx xxxx  xxxx  0.05 xxxx  0.00
Crit Moves:       ****        ****                               ****
Delay/Veh:    0.0  8.8   0.0  18.1  7.5   0.0   0.0  0.0   0.0   9.5  0.0   0.0
Delay 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
AdjDel/Veh:   0.0  8.8   0.0  18.1  7.5   0.0   0.0  0.0   0.0   9.5  0.0   0.0
LOS by Move:    *    A     *     C    A     *     *    *     *     A    *     *
ApproachDel:       8.8             17.6           xxxxxx              9.5
Delay Adj:        1.00             1.00            xxxxx              1.00
ApprAdjDel:        8.8             17.6           xxxxxx              9.5
LOS by Appr:         A                C                *                A
AllWayAvgQ:   0.2  0.2   0.2   2.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
*******************************************************************************
Note: Queue reported is the number of cars per lane.
*******************************************************************************
```

APPENDIX F-6

Scenario Report

Scenario:	PM GPBO
Command:	Default Command
Volume:	Existing PM
Geometry:	Existing
Impact Fee:	Default Impact Fee
Trip Generation:	PM Peak Hour
Trip Distribution:	PM Peak Hour
Paths:	Existing
Routes:	Default Route
Configuration:	Default Configuration

Impact Analysis Report
Level Of Service

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2901 Western_Dr/High_St	D	34.9	0.442	F	69.5	0.678	+34.657 D/V
#2902 Bay-Coolidge/High	C	33.6	0.901	D	39.3	0.950	+ 5.735 D/V
#2903 High/Moore	A	4.8	0.499	A	4.7	0.518	-0.058 D/V
#2904 High/Laurent	F	53.4	1.045	F	94.1	1.190	+ 0.145 V/C
#2905 River/Potrero	B	17.8	0.570	B	19.8	0.756	+ 2.031 D/V
#2906 River-Hwy_9/Hwy_1	E	75.4	0.874	F	209.0	1.540	+133.526 D/
#2907 River/Fern	B	13.8	0.444	F	OVRFL	1.251	+ +Inf D/V
#2908 River/Encinal	E	61.4	1.038	F	198.7	1.715	+137.336 D/
#2909 Ocean-Hwy_17/Plymouth-Ocean_Ex	C	31.4	0.651	D	37.5	0.864	+ 6.036 D/V
#2910 Market/Goss-Isbel	B	12.6	0.538	C	16.8	0.709	+ 0.171 V/C
#2911 N.Branciforte/Goss	B	14.5	0.617	C	19.5	0.743	+ 0.126 V/C
#2912 Morrissey_Blvd/Fairmount_Av	A	8.0	0.469	B	10.3	0.560	+ 2.322 D/V
#2913 Bay/Nobel-Iowa	B	11.5	0.498	B	13.2	0.560	+ 1.649 D/V
#2914 Bay_St/Escalona_Dr	F	739.8	1.937	F	OVRFL	XXXXX	+ 1.8E+0308
#2915 Bay_St/King_St	B	13.0	0.786	C	27.7	0.968	+14.656 D/V
#2916 King_St/Laurel_St	B	14.8	0.702	D	26.1	0.901	+ 0.199 V/C
#2917 Storey/King	B	14.5	0.593	D	25.4	0.822	+ 0.228 V/C
#2918 Shaffer/Highway_1	B	12.5	0.219	C	16.8	0.403	+ 4.256 D/V
#2919 Western/Highway_1	B	14.5	0.554	B	18.7	0.741	+ 4.211 D/V
#2920 Swift/Mission	B	15.6	0.529	D	41.4	0.999	+25.880 D/V
#2921 Miramar/Mission	B	17.0	0.624	C	31.2	0.973	+14.217 D/V
#2922 Almar-Younglove/Mission	B	10.0	0.364	C	20.1	0.787	+10.067 D/V
#2923 Bay/Mission	D	46.8	0.882	F	164.1	1.347	+117.329 D/
#2924 Laurel/Mission	C	23.9	0.688	F	87.9	1.201	+64.051 D/V
#2925 Mission/Walnut	B	15.1	0.526	D	35.6	0.946	+20.494 D/V

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Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2926 King/Mission	C	30.5	0.795	F	90.5	1.143	+60.080 D/V
#2927 Chestnut/Mission	D	40.7	0.837	F	121.8	1.228	+81.047 D/V
#2928 N_Pacific/River	B	10.9	0.507	B	14.5	0.815	+ 3.598 D/V
#2929 Center/Mission	C	30.8	0.804	C	22.0	0.736	-8.802 D/V
#2930 Pacific/Water-Mission	B	19.9	0.455	C	25.2	0.735	+ 5.294 D/V
#2931 River/Water	C	29.2	0.693	D	47.0	0.973	+17.808 D/V
#2932 Ocean/Washburn-Keenan	A	4.3	0.571	B	13.7	0.789	+ 9.347 D/V
#2933 Ocean/Water	E	67.9	1.050	F	169.4	1.454	+101.505 D/
#2934 Market/Water	C	21.9	0.727	C	32.9	0.930	+11.044 D/V
#2935 N_Branciforte/Water	D	35.6	0.808	E	73.7	1.117	+38.055 D/V
#2936 Seabright/Water	F	84.0	0.497	F	OVRFL	2.963	+1201.232 D
#2937 Morrissey/Soquel/Water	C	25.8	0.811	D	42.7	1.000	+16.860 D/V
#2938 Frederick/Soquel	C	27.4	0.885	D	53.9	1.081	+26.432 D/V
#2939 Hagemann-Trevethan/Soquel	A	8.2	0.667	B	11.4	0.814	+ 3.236 D/V
#2940 Park/Soquel	B	11.1	0.820	B	19.2	0.966	+ 8.116 D/V
#2941 Capitola_Rd/Soquel_Av	C	23.5	0.596	C	25.1	0.679	+ 1.607 D/V
#2942 La_Fonda_Av/Soquel_Av	B	10.4	0.280	B	11.0	0.319	+ 0.588 D/V
#2943 California_Ave/Bay	F	60.0	1.100	F	150.3	1.429	+ 0.329 V/C
#2944 California_St/Bay	F	389.4	1.614	F	OVRFL	2.917	+637.451 D/
#2945 California_St/Laurel_St	C	20.0	0.621	C	28.9	0.883	+ 8.817 D/V
#2946 Chestnut/Laurel	B	16.9	0.628	C	28.0	0.882	+11.134 D/V
#2947 Center/Laurel	B	15.6	0.606	C	22.7	0.864	+ 7.080 D/V
#2948 Cedar/Laurel	C	16.1	0.256	D	25.3	0.419	+ 9.285 D/V
#2949 Pacific/Laurel	B	18.5	0.696	D	39.8	0.977	+21.262 D/V
#2950 Front/Laurel	C	26.1	0.689	D	38.2	0.936	+12.090 D/V
#2951 Front/Metro_Center	A	2.7	0.415	A	2.6	0.532	-0.046 D/V

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2952 Front/Cathcart	A	6.5	0.379	A	9.2	0.501	+ 2.681 D/V
#2953 Front/Soquel	C	25.3	0.552	C	33.6	0.828	+ 8.332 D/V
#2954 Front/Cooper	A	8.3	0.441	A	9.7	0.588	+ 1.374 D/V
#2955 River_S/Soquel	B	17.6	0.526	B	19.1	0.681	+ 1.500 D/V
#2956 Riverside-Dakota/Soquel	A	9.0	0.340	A	7.5	0.422	-1.546 D/V
#2957 Ocean_St/Soquel_Av	D	39.9	0.644	D	51.4	0.907	+11.491 D/V
#2958 Branciforte/Soquel	C	22.5	0.748	E	67.6	1.073	+45.140 D/V
#2959 Seabright/Soquel	C	32.0	0.823	D	42.7	0.937	+10.694 D/V
#2960 San_Lorenzo_Blvd/Broadway(Laur	B	11.8	0.614	B	17.6	0.845	+ 5.835 D/V
#2961 Ocean_St/Broadway	C	33.5	0.740	F	90.8	1.153	+57.226 D/V
#2962 S_Branciforte/Broadway	B	11.6	0.671	B	16.7	0.853	+ 5.104 D/V
#2963 Seabright/Broadway	B	14.3	0.717	C	30.1	0.970	+15.777 D/V
#2964 Pacific-Center/W_Cliff-Pacific	B	12.1	0.541	C	15.3	0.691	+ 0.151 V/C
#2965 W_Cliff/Bay	C	15.8	0.633	C	23.8	0.831	+ 0.198 V/C
#2966 Pacific/Beach	C	17.6	0.771	E	39.9	1.058	+ 0.286 V/C
#2967 Cliff/Beach	B	10.8	0.400	B	13.4	0.560	+ 0.160 V/C
#2968 Riverside/Beach	A	6.2	0.077	A	7.3	0.169	+ 1.090 D/V
#2969 Riverside/Second-Leibrandt	A	7.5	0.097	A	7.8	0.156	+ 0.060 V/C
#2970 Riverside/3rd_St	C	34.4	0.800	D	47.8	0.948	+13.385 D/V
#2971 Riverside/San_Lorenzo_Blvd	C	28.8	0.665	D	35.8	0.879	+ 6.961 D/V
#2972 Ocean_St/E_Cliff_Dr	E	63.6	1.057	F	113.9	1.168	+50.232 D/V
#2973 Seabright/Murray	D	43.7	0.877	E	62.7	1.013	+19.069 D/V
#2974 Swift/Delaware	B	10.9	0.500	F	241.6	2.251	+ 1.751 V/C
#2975 Seventh/Soquel	C	23.3	0.747	C	26.5	0.817	+ 3.214 D/V
#2976 Seventh/Capitola	C	26.8	0.609	C	27.8	0.708	+ 0.971 D/V
#2977 Seventh/Brommer	C	18.3	0.713	D	32.3	0.917	+ 0.204 V/C

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2978 Seventh/Eaton	D	36.5	0.844	D	42.9	0.904	+ 6.422 D/V
#2979 Seventh/E_Cliff	C	15.8	0.677	C	16.8	0.711	+ 0.034 V/C

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

Intersection #2901 Western_Dr/High_St

Average Delay (sec/veh): 13.0 Worst Case Level Of Service: F[69.5]

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	0	0	1	1	0	1	0
Volume Module:Oct/Nov '03																
Base Vol:	124	0	86	0	0	0	0	654	81	47	378	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:	124	0	86	0	0	0	0	654	81	47	378	0				
Added Vol:	59	0	2	0	0	0	0	9	24	4	15	0				
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0				
Initial Fut:	183	0	88	0	0	0	0	663	105	51	393	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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91				
PHF Volume:	201	0	97	0	0	0	0	729	115	56	432	0				
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
FinalVolume:	201	0	97	0	0	0	0	729	115	56	432	0				
Critical Gap Module:																
Critical Gp:	6.4	6.5	6.2	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx				
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx				
Capacity Module:																
Cnflict Vol:	1330	1330	786	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	844	xxxx	xxxxx				
Potent Cap.:	171	155	392	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	792	xxxx	xxxxx				
Move Cap.:	161	144	392	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	792	xxxx	xxxxx				
Total Cap:	297	265	xxxxx	170	236	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx				
Volume/Cap:	0.68	0.00	0.25	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.07	xxxx	xxxx				
Level Of Service Module:																
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.2	xxxx	xxxxx				
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.9	xxxx	xxxxx				
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*				
Movement:	LT - LTR - RT			LT - LTR - RT			LT - LTR - RT			LT - LTR - RT						
Shared Cap.:	xxxx	322	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx				
SharedQueue:	xxxxx	9.2	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx				
Shrd ConDel:	xxxxx	69.5	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx				
Shared LOS:	*	F	*	*	*	*	*	*	*	*	*	*				
ApproachDel:		69.5		xxxxxx			xxxxxx			xxxxxx						
ApproachLOS:		F		*			*			*						

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

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

Intersection #2902 Bay-Coolidge/High

Cycle (sec):	70	Critical Vol./Cap.(X):	0.950
Loss Time (sec):	9	Average Delay (sec/veh):	39.3
Optimal Cycle:	108	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	1 1	0	0 1	0 0	1	0 1	0 0	1
Volume Module: >> Count Date: 23 Jan 2003 << 5:00 - 6:00 PM												
Base Vol:	153	372	55	347	664	44	164	301	245	113	247	172
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:	153	372	55	347	664	44	164	301	245	113	247	172
Added Vol:	5	4	0	7	3	0	0	21	3	0	36	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	158	376	55	354	667	44	164	322	248	113	283	177
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	172	409	60	385	725	48	178	350	270	123	308	192
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	172	409	60	385	725	48	178	350	270	123	308	192
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:	172	409	60	385	725	48	178	350	270	123	308	192
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.70	0.90	0.89	0.89	0.57	0.57	0.79	0.59	0.59	0.82
Lanes:	1.00	2.00	1.00	1.00	1.88	0.12	0.34	0.66	1.00	0.29	0.71	1.00
Final Sat.:	1753	3505	1339	1702	3165	209	368	722	1505	319	799	1559
Capacity Analysis Module:												
Vol/Sat:	0.10	0.12	0.04	0.23	0.23	0.23	0.48	0.48	0.18	0.39	0.39	0.12
Crit Moves:		****		****				****				
Green/Cycle:	0.11	0.12	0.12	0.24	0.25	0.25	0.51	0.51	0.51	0.51	0.51	0.51
Volume/Cap:	0.91	0.95	0.36	0.95	0.91	0.91	0.95	0.95	0.35	0.75	0.75	0.24
Uniform Del:	30.9	30.5	28.2	26.3	25.4	25.4	16.3	16.3	10.2	13.6	13.6	9.6
IncremntDel:	40.1	30.8	1.4	32.0	13.2	13.2	26.1	26.1	0.3	5.7	5.7	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	71.0	61.2	29.6	58.2	38.6	38.6	42.4	42.4	10.5	19.3	19.3	9.7
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:	71.0	61.2	29.6	58.2	38.6	38.6	42.4	42.4	10.5	19.3	19.3	9.7
LOS by Move:	E	E	C	E	D	D	D	D	B	B	B	A
HCM2kAvgQ:	7	9	2	13	13	13	16	16	4	8	8	2

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

Intersection #2903 High/Moore

Cycle (sec):	60	Critical Vol./Cap.(X):	0.518
Loss Time (sec):	6	Average Delay (sec/veh):	4.7
Optimal Cycle:	27	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1	0	0	1	0	0	1	0	0	1	0
Volume Module: >> Count Date: 23 Jan 2003 << 4:30 - 5:30 PM												
Base Vol:	18	7	17	45	21	41	9	643	24	24	498	21
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:	18	7	17	45	21	41	9	643	24	24	498	21
Added Vol:	0	0	0	0	0	0	0	29	0	0	50	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	18	7	17	45	21	41	9	672	24	24	548	21
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	20	8	19	50	23	46	10	747	27	27	609	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	20	8	19	50	23	46	10	747	27	27	609	23
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:	20	8	19	50	23	46	10	747	27	27	609	23
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.73	0.74	0.74	0.78	0.79	0.84	0.38	0.98	0.97	0.31	0.97	0.97
Lanes:	0.43	0.17	0.40	0.68	0.32	1.00	1.00	0.97	0.03	1.00	0.96	0.04
Final Sat.:	600	233	567	1017	475	1587	726	1789	64	595	1783	68
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.05	0.05	0.03	0.01	0.42	0.42	0.04	0.34	0.34
Crit Moves:					****			****				
Green/Cycle:	0.09	0.09	0.09	0.09	0.09	0.09	0.81	0.81	0.81	0.81	0.81	0.81
Volume/Cap:	0.35	0.35	0.35	0.52	0.52	0.30	0.02	0.52	0.52	0.06	0.42	0.42
Uniform Del:	25.4	25.4	25.4	25.9	25.9	25.3	1.2	2.0	2.0	1.2	1.7	1.7
IncremntDel:	1.6	1.6	1.6	3.4	3.4	1.1	0.0	0.3	0.3	0.0	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	27.0	27.0	27.0	29.2	29.2	26.4	1.2	2.3	2.3	1.2	1.9	1.9
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:	27.0	27.0	27.0	29.2	29.2	26.4	1.2	2.3	2.3	1.2	1.9	1.9
LOS by Move:	C	C	C	C	C	C	A	A	A	A	A	A
HCM2kAvgQ:	1	1	1	2	2	1	0	4	4	0	4	4

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2904 High/Laurent

Cycle (sec):	100	Critical Vol./Cap.(X):	1.190
Loss Time (sec):	0	Average Delay (sec/veh):	94.1
Optimal Cycle:	0	Level Of Service:	F

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module: >> Count Date: 23 Jan 2003 << 4:30 - 5:30 PM												
Base Vol:	16	21	16	17	8	16	34	605	38	14	568	27
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:	16	21	16	17	8	16	34	605	38	14	568	27
Added Vol:	0	30	0	15	17	0	0	43	0	0	54	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	16	51	16	32	25	16	34	648	38	14	622	30
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	17	55	17	35	27	17	37	704	41	15	676	33
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	17	55	17	35	27	17	37	704	41	15	676	33
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:	17	55	17	35	27	17	37	704	41	15	676	33
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.19	0.62	0.19	0.44	0.34	0.22	0.05	0.90	0.05	0.02	0.93	0.05
Final Sat.:	96	305	96	215	168	107	31	592	35	14	618	30
Capacity Analysis Module:												
Vol/Sat:	0.18	0.18	0.18	0.16	0.16	0.16	1.19	1.19	1.19	1.09	1.09	1.09
Crit Moves:	****			****				****				****
Delay/Veh:	11.7	11.7	11.7	11.6	11.6	11.6	120.1	120	120.1	85.4	85.4	85.4
Delay 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
AdjDel/Veh:	11.7	11.7	11.7	11.6	11.6	11.6	120.1	120	120.1	85.4	85.4	85.4
LOS by Move:	B	B	B	B	B	B	F	F	F	F	F	F
ApproachDel:	11.7			11.6			120.1			85.4		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	11.7			11.6			120.1			85.4		
LOS by Appr:	B			B			F			F		
AllWayAvgQ:	0.2	0.2	0.2	0.2	0.2	0.2	20.4	20.4	20.4	14.1	14.1	14.1

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

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

Intersection #2905 River/Potrero

Cycle (sec):	60	Critical Vol./Cap.(X):	0.756
Loss Time (sec):	9	Average Delay (sec/veh):	19.8
Optimal Cycle:	52	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 1	0	0 1	0 1	0	0 1
Volume Module: >> Count Date: 15 Apr 2004 << 5:00 - 6:00 PM												
Base Vol:	71	407	66	249	323	89	99	10	43	190	9	234
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:	71	407	66	249	323	89	99	10	43	190	9	234
Added Vol:	20	367	20	23	426	15	30	0	34	7	0	21
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	91	774	86	272	749	104	129	10	77	197	9	255
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	99	841	93	296	814	113	140	11	84	214	10	277
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	99	841	93	296	814	113	140	11	84	214	10	277
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:	99	841	93	296	814	113	140	11	84	214	10	277
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.92	0.92	0.93	0.91	0.91	0.47	0.47	0.82	0.57	0.58	0.83
Lanes:	1.00	1.80	0.20	1.00	1.76	0.24	0.93	0.07	1.00	0.96	0.04	1.00
Final Sat.:	1769	3136	348	1769	3050	424	827	64	1555	1032	47	1580
Capacity Analysis Module:												
Vol/Sat:	0.06	0.27	0.27	0.17	0.27	0.27	0.17	0.17	0.05	0.21	0.21	0.18
Crit Moves:		****		****							****	
Green/Cycle:	0.10	0.35	0.35	0.22	0.48	0.48	0.27	0.27	0.27	0.27	0.27	0.27
Volume/Cap:	0.56	0.76	0.76	0.76	0.56	0.56	0.62	0.62	0.20	0.76	0.76	0.64
Uniform Del:	25.8	17.1	17.1	21.9	11.2	11.2	19.0	19.0	16.7	19.9	19.9	19.2
IncremntDel:	4.1	2.7	2.7	8.2	0.4	0.4	4.7	4.7	0.2	10.6	10.6	3.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	29.8	19.8	19.8	30.1	11.7	11.7	23.8	23.8	16.9	30.6	30.6	22.4
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:	29.8	19.8	19.8	30.1	11.7	11.7	23.8	23.8	16.9	30.6	30.6	22.4
LOS by Move:	C	B	B	C	B	B	C	C	B	C	C	C
HCM2kAvgQ:	3	10	10	5	6	6	4	4	1	6	6	6

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

Intersection #2906 River-Hwy_9/Hwy_1

Cycle (sec):	200	Critical Vol./Cap.(X):	1.540
Loss Time (sec):	16	Average Delay (sec/veh):	209.0
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	7	7	7	4	4	4	4	10	10	4	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0 1	0	2	2 0 1	0	1	1 0 3	0	1	2 0 3	0	1
Volume Module:PM Peak Hour												
Base Vol:	92	244	449	646	256	242	225	1303	81	341	1246	403
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:	92	244	449	646	256	242	225	1303	81	341	1246	403
Added Vol:	2	186	231	411	260	289	204	497	0	203	301	259
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	94	430	680	1057	516	531	429	1800	81	544	1547	662
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	101	461	730	1134	554	570	460	1931	87	584	1660	710
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	101	461	730	1134	554	570	460	1931	87	584	1660	710
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:	101	461	730	1134	554	570	460	1931	87	584	1660	710
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.98	0.70	0.90	0.98	0.72	0.91	0.88	0.81	0.89	0.88	0.81
Lanes:	1.00	1.00	2.00	2.00	1.00	1.00	1.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	1769	1862	2649	3432	1862	1377	1736	4990	1545	3369	4990	1537
Capacity Analysis Module:												
Vol/Sat:	0.06	0.25	0.28	0.33	0.30	0.41	0.27	0.39	0.06	0.17	0.33	0.46
Crit Moves:			****			****	****					****
Green/Cycle:	0.18	0.18	0.18	0.27	0.27	0.27	0.17	0.33	0.33	0.15	0.30	0.30
Volume/Cap:	0.32	1.39	1.54	1.23	1.11	1.54	1.54	1.19	0.17	1.19	1.11	1.54
Uniform Del:	71.5	82.1	82.1	73.1	73.1	73.1	82.8	67.4	48.1	85.4	70.0	70.0
IncremntDel:	0.6	191	253.3	112.9	72.5	256.1	259.0	90.3	0.2	102.8	58.8	253.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	72.1	273	335.4	186.0	146	329.2	341.8	158	48.3	188.2	129	323.6
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:	72.1	273	335.4	186.0	146	329.2	341.8	158	48.3	188.2	129	323.6
LOS by Move:	E	F	F	F	F	F	F	F	D	F	F	F
HCM2kAvgQ:	5	43	42	46	38	57	48	58	4	26	47	73

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

Intersection #2907 River/Fern

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

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:	1	0	0	1 0	0	1	0	1 0	1	0	0	1 0	1	0	0	1 0
Volume Module:4:30 - 5:30 PM																
Base Vol:	298	572		0 0	810			43	1		0	77	0		0	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:	298	572		0 0	810			43	1		0	77	0		0	0
Added Vol:	112	528		0 0	747			0	0		0	29	0		0	0
PasserByVol:	0	0		0 0	0			0	0		0	0	0		0	0
Initial Fut:	410	1100		0 0	1557			43	1		0	106	0		0	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:	0.92	0.92		0.92 0.92	0.92			0.92	0.92		0.92	0.92	0.92		0.92	0.92
PHF Volume:	446	1196		0 0	1692			47	1		0	115	0		0	0
Reduct Vol:	0	0		0 0	0			0	0		0	0	0		0	0
FinalVolume:	446	1196		0 0	1692			47	1		0	115	0		0	0
Critical Gap Module:																
Critical Gp:	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx			6.4	6.5		6.2	7.1	6.5		6.2
FollowUpTim:	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx			3.5	4.0		3.3	3.5	4.0		3.3
Capacity Module:																
Cnflict Vol:	1739	xxxx	xxxxx	xxxx	xxxx	xxxxx			3803	3803		870	2933	3826		1196
Potent Cap.:	356	xxxx	xxxxx	xxxx	xxxx	xxxxx			4	4		351	9	4		227
Move Cap.:	356	xxxx	xxxxx	xxxx	xxxx	xxxxx			0	0		351	0	0		227
Volume/Cap:	1.25	xxxx	xxxx	xxxx	xxxx	xxxx			xxxx	xxxx		0.33	xxxx	xxxx		0.00
Level Of Service Module:																
2Way95thQ:	19.7	xxxx	xxxxx	xxxx	xxxx	xxxxx			xxxx	xxxx		xxxxx	xxxx	xxxx		xxxxx
Control Del:	165.6	xxxx	xxxxx	xxxxx	xxxx	xxxxx			xxxxx	xxxx		xxxxx	xxxxx	xxxx		xxxxx
LOS by Move:	F	*		*	*		*	*		*	*		*		*	*
Movement:	LT -	LTR -		RT	LT -	LTR -		RT	LT -	LTR -		RT	LT -	LTR -		RT
Shared Cap.:	xxxx	xxxx	xxxxx		xxxx	xxxx	xxxxx		xxxx	xxxx		351	xxxx	xxxx		0
SharedQueue:	xxxxx	xxxx	xxxxx		0.0	xxxx	xxxxx		xxxxx	xxxx		1.4	xxxxx	xxxx	xxxxx	
Shrd ConDel:	xxxxx	xxxx	xxxxx		7.3	xxxx	xxxxx		xxxxx	xxxx		20.2	xxxxx	xxxx	xxxxx	
Shared LOS:	*	*		*	A	*		*	*		*	C	*		*	*
ApproachDel:	xxxxxx				xxxxxx				+Inf				xxxxxx			
ApproachLOS:	*				*				F				*			

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

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

Intersection #2908 River/Encinal

Cycle (sec):	120	Critical Vol./Cap.(X):	1.715
Loss Time (sec):	12	Average Delay (sec/veh):	198.7
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Split Phase			Split Phase		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1! 0	0	0 1	0 1	0	0 0	1! 0	1	0 0	1! 0	0
Volume Module:5:00 - 6:00 PM												
Base Vol:	268	422	20	2	396	132	178	3	491	11	3	8
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:	268	422	20	2	396	132	178	3	491	11	3	8
Added Vol:	308	129	91	6	84	13	32	3	556	106	3	7
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	576	551	111	8	480	145	210	6	1047	117	6	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	606	580	117	8	505	153	221	6	1102	123	6	16
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	606	580	117	8	505	153	221	6	1102	123	6	16
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:	606	580	117	8	505	153	221	6	1102	123	6	16
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.74	0.74	0.79	0.79	0.78	0.68	0.68	0.77	0.93	0.93	0.93
Lanes:	1.28	0.60	0.12	0.03	1.51	0.46	0.31	0.01	1.68	0.85	0.04	0.11
Final Sat.:	2029	846	170	38	2281	689	399	11	2451	1491	76	191
Capacity Analysis Module:												
Vol/Sat:	0.30	0.69	0.69	0.22	0.22	0.22	0.55	0.55	0.45	0.08	0.08	0.08
Crit Moves:		****				****		****			****	
Green/Cycle:	0.40	0.40	0.40	0.13	0.13	0.13	0.32	0.32	0.72	0.05	0.05	0.05
Volume/Cap:	0.75	1.72	1.72	1.72	1.72	1.72	1.72	1.72	0.62	1.72	1.72	1.72
Uniform Del:	30.8	36.0	36.0	52.2	52.2	52.2	40.6	40.6	8.4	57.1	57.1	57.1
IncremntDel:	1.8	327	327.4	332.6	333	332.6	327.3	327	0.6	366.6	367	366.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	32.7	363	363.4	384.8	385	384.8	367.9	368	9.0	423.7	424	423.7
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:	32.7	363	363.4	384.8	385	384.8	367.9	368	9.0	423.7	424	423.7
LOS by Move:	C	F	F	F	F	F	F	F	A	F	F	F
HCM2kAvgQ:	14	83	83	32	32	32	64	64	13	14	14	14

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

Intersection #2909 Ocean-Hwy_17/Plymouth-Ocean_Ext

Cycle (sec):	120	Critical Vol./Cap.(X):	0.864
Loss Time (sec):	9	Average Delay (sec/veh):	37.5
Optimal Cycle:	92	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Ignore			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0 2	0	1	1 0 2	0	1	0 1	0	0 1	1 0	0	1 0
Volume Module: PM Peak Hour												
Base Vol:	290	368	0	185	880	220	59	166	346	119	75	54
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:	290	368	0	185	880	220	59	166	346	119	75	54
Added Vol:	120	286	0	1	221	13	10	44	155	8	25	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	410	654	0	186	1101	233	69	210	501	127	100	55
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.95	0.95	0.00	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	432	688	0	196	1159	245	73	221	527	134	105	58
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	432	688	0	196	1159	245	73	221	527	134	105	58
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	432	688	0	196	1159	245	73	221	527	134	105	58
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	1.00	0.93	0.93	0.83	0.78	0.78	0.83	0.31	0.93	0.93
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	0.25	0.75	1.00	1.00	0.65	0.35
Final Sat.:	1769	3538	1900	1769	3538	1572	365	1111	1583	588	1138	626
Capacity Analysis Module:												
Vol/Sat:	0.24	0.19	0.00	0.11	0.33	0.16	0.20	0.20	0.33	0.23	0.09	0.09
Crit Moves:	****				****					****		
Green/Cycle:	0.28	0.42	0.00	0.24	0.38	0.38	0.26	0.26	0.55	0.26	0.26	0.26
Volume/Cap:	0.86	0.46	0.00	0.46	0.86	0.41	0.76	0.76	0.61	0.86	0.35	0.35
Uniform Del:	40.9	24.9	0.0	39.0	34.4	27.4	40.7	40.7	18.6	42.2	35.9	35.9
IncremntDel:	14.4	0.2	0.0	0.8	6.0	0.5	8.3	8.3	1.3	36.2	0.5	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delay/Veh:	55.3	25.1	0.0	39.8	40.4	27.8	48.9	48.9	19.9	78.3	36.4	36.4
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:	55.3	25.1	0.0	39.8	40.4	27.8	48.9	48.9	19.9	78.3	36.4	36.4
LOS by Move:	E	C	A	D	D	C	D	D	B	E	D	D
HCM2kAvgQ:	18	10	0	6	23	7	12	12	13	7	5	5

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2910 Market/Goss-Isbel

Cycle (sec):	1	Critical Vol./Cap.(X):	0.709
Loss Time (sec):	0	Average Delay (sec/veh):	16.8
Optimal Cycle:	0	Level Of Service:	C

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0 0	1	1	0 1	0 1	0	0 1!	0 0	0	0 1!	0 0
Volume Module:PM peak hour												
Base Vol:	15	87	120	183	72	1	4	191	14	46	75	189
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:	15	87	120	183	72	1	4	191	14	46	75	189
Added Vol:	33	59	32	19	42	0	0	1	22	20	2	29
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	48	146	152	202	114	1	4	192	36	66	77	218
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	52	159	165	220	124	1	4	209	39	72	84	237
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	52	159	165	220	124	1	4	209	39	72	84	237
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:	52	159	165	220	124	1	4	209	39	72	84	237
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.25	0.75	1.00	1.00	1.00	1.00	0.02	0.83	0.15	0.18	0.21	0.61
Final Sat.:	115	351	521	444	473	520	9	409	77	101	118	334
Capacity Analysis Module:												
Vol/Sat:	0.45	0.45	0.32	0.49	0.26	0.00	0.51	0.51	0.51	0.71	0.71	0.71
Crit Moves:	****			****				****			****	
Delay/Veh:	15.4	15.4	12.0	17.1	12.3	9.2	15.8	15.8	15.8	21.6	21.6	21.6
Delay 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
AdjDel/Veh:	15.4	15.4	12.0	17.1	12.3	9.2	15.8	15.8	15.8	21.6	21.6	21.6
LOS by Move:	C	C	B	C	B	A	C	C	C	C	C	C
ApproachDel:	13.9			15.3			15.8			21.6		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	13.9			15.3			15.8			21.6		
LOS by Appr:	B			C			C			C		
AllWayAvgQ:	0.7	0.7	0.4	0.8	0.3	0.0	0.8	0.8	0.8	1.9	1.9	1.9

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

Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2911 N.Branciforte/Goss

Cycle (sec):	100	Critical Vol./Cap.(X):	0.743
Loss Time (sec):	0	Average Delay (sec/veh):	19.5
Optimal Cycle:	0	Level Of Service:	C

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0	0 1	0	0	1! 0	0	0	0 1	0	0	1! 0 0
Volume Module:PM peak hour												
Base Vol:	190	27	73	3	91	53	28	295	277	22	64	1
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:	190	27	73	3	91	53	28	295	277	22	64	1
Added Vol:	30	47	22	0	25	8	12	22	18	11	14	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	220	74	95	3	116	61	40	317	295	33	78	1
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	239	80	103	3	126	66	43	345	321	36	85	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	239	80	103	3	126	66	43	345	321	36	85	1
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:	239	80	103	3	126	66	43	345	321	36	85	1
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.75	0.25	1.00	0.02	0.64	0.34	0.11	0.89	1.00	0.29	0.70	0.01
Final Sat.:	352	119	545	8	306	161	59	464	585	129	306	4
Capacity Analysis Module:												
Vol/Sat:	0.68	0.68	0.19	0.41	0.41	0.41	0.74	0.74	0.55	0.28	0.28	0.28
Crit Moves:	****			****				****		****		
Delay/Veh:	23.8	23.8	10.5	14.8	14.8	14.8	26.0	26.0	15.6	13.3	13.3	13.3
Delay 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
AdjDel/Veh:	23.8	23.8	10.5	14.8	14.8	14.8	26.0	26.0	15.6	13.3	13.3	13.3
LOS by Move:	C	C	B	B	B	B	D	D	C	B	B	B
ApproachDel:	20.5			14.8			21.3			13.3		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	20.5			14.8			21.3			13.3		
LOS by Appr:	C			B			C			B		
AllWayAvgQ:	1.8	1.8	0.2	0.6	0.6	0.6	2.4	2.4	1.1	0.3	0.3	0.3

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

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

Intersection #2912 Morrissey_Blvd/Fairmount_Av

Cycle (sec):	60	Critical Vol./Cap.(X):	0.560
Loss Time (sec):	6	Average Delay (sec/veh):	10.3
Optimal Cycle:	29	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 1	0	0 1	0 0	1! 0	0
Volume Module:												
Base Vol:	50	734	24	46	824	108	111	61	107	18	23	49
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	734	24	46	824	108	111	61	107	18	23	49
Added Vol:	3	65	4	7	41	0	49	28	20	6	4	33
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	799	28	53	865	108	160	89	127	24	27	82
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	58	868	30	58	940	117	174	97	138	26	29	89
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	868	30	58	940	117	174	97	138	26	29	89
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:	58	868	30	58	940	117	174	97	138	26	29	89
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.19	0.93	0.93	0.25	0.92	0.92	0.71	0.71	0.83	0.83	0.83	0.83
Lanes:	1.00	1.93	0.07	1.00	1.78	0.22	0.64	0.36	1.00	0.18	0.20	0.62
Final Sat.:	359	3401	119	466	3092	386	871	485	1583	285	321	974
Capacity Analysis Module:												
Vol/Sat:	0.16	0.26	0.26	0.12	0.30	0.30	0.20	0.20	0.09	0.09	0.09	0.09
Crit Moves:					****			****				
Green/Cycle:	0.54	0.54	0.54	0.54	0.54	0.54	0.36	0.36	0.36	0.36	0.36	0.36
Volume/Cap:	0.30	0.47	0.47	0.23	0.56	0.56	0.56	0.56	0.24	0.26	0.26	0.26
Uniform Del:	7.5	8.4	8.4	7.1	9.0	9.0	15.5	15.5	13.6	13.7	13.7	13.7
IncremntDel:	0.8	0.2	0.2	0.5	0.4	0.4	1.5	1.5	0.2	0.2	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	8.3	8.6	8.6	7.6	9.4	9.4	17.0	17.0	13.8	13.9	13.9	13.9
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:	8.3	8.6	8.6	7.6	9.4	9.4	17.0	17.0	13.8	13.9	13.9	13.9
LOS by Move:	A	A	A	A	A	A	B	B	B	B	B	B
HCM2kAvgQ:	1	6	6	1	7	7	5	5	2	2	2	2

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

Intersection #2913 Bay/Nobel-Iowa

Cycle (sec):	60	Critical Vol./Cap.(X):	0.560
Loss Time (sec):	12	Average Delay (sec/veh):	13.2
Optimal Cycle:	41	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	0 1	0 0	1	0 0	1! 0	0
Volume Module: >> Count Date: 29 Jan 2003 << 4:30 - 5:30 PM												
Base Vol:	62	544	61	42	912	56	39	49	100	41	45	41
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:	62	544	61	42	912	56	39	49	100	41	45	41
Added Vol:	38	25	37	0	15	0	0	0	29	24	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	100	569	98	42	927	56	39	49	129	65	45	41
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	105	599	103	44	976	59	41	52	136	68	47	43
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	105	599	103	44	976	59	41	52	136	68	47	43
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:	105	599	103	44	976	59	41	52	136	68	47	43
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	0.91	0.79	0.92	0.92	0.82	0.83	0.83	0.78	0.76	0.77	0.77
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	0.44	0.56	1.00	0.44	0.29	0.27
Final Sat.:	1735	3470	1510	1754	3508	1563	702	882	1476	626	434	395
Capacity Analysis Module:												
Vol/Sat:	0.06	0.17	0.07	0.03	0.28	0.04	0.06	0.06	0.09	0.11	0.11	0.11
Crit Moves:	****			****						****		
Green/Cycle:	0.11	0.53	0.53	0.08	0.50	0.50	0.20	0.20	0.20	0.20	0.20	0.20
Volume/Cap:	0.56	0.33	0.13	0.33	0.56	0.08	0.30	0.30	0.47	0.56	0.56	0.56
Uniform Del:	25.4	8.1	7.2	26.2	10.5	7.9	20.6	20.6	21.4	21.8	21.8	21.8
IncremntDel:	3.8	0.1	0.1	1.4	0.4	0.0	0.5	0.5	1.2	2.5	2.5	2.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	29.2	8.2	7.3	27.6	10.9	7.9	21.2	21.2	22.6	24.3	24.3	24.3
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:	29.2	8.2	7.3	27.6	10.9	7.9	21.2	21.2	22.6	24.3	24.3	24.3
LOS by Move:	C	A	A	C	B	A	C	C	C	C	C	C
HCM2kAvgQ:	3	3	1	1	7	1	2	2	3	4	4	4

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

Intersection #2914 Bay_St/Escalona_Dr

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

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 1		0 0 1!	0 0		0 0 1!	0 0	
Volume Module:Oct/Nov '03												
Base Vol:	26	594	32	119	825	70	61	23	39	44	7	32
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:	26	594	32	119	825	70	61	23	39	44	7	32
Added Vol:	1	82	9	15	53	0	0	20	1	5	26	18
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	27	676	41	134	878	70	61	43	40	49	33	50
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	29	735	45	146	954	76	66	47	43	53	36	54
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	29	735	45	146	954	76	66	47	43	53	36	54
Critical Gap Module:												
Critical Gp:	4.1	xxxx	xxxxx	4.1	xxxx	xxxxx	7.1	6.5	6.2	7.1	6.5	6.2
FollowUpTim:	2.2	xxxx	xxxxx	2.2	xxxx	xxxxx	3.5	4.0	3.3	3.5	4.0	3.3
Capacity Module:												
Cnflict Vol:	1030	xxxx	xxxxx	779	xxxx	xxxxx	2107	2084	954	2145	2138	757
Potent Cap.:	674	xxxx	xxxxx	838	xxxx	xxxxx	38	53	314	35	49	408
Move Cap.:	674	xxxx	xxxxx	838	xxxx	xxxxx	5	42	314	0	39	408
Volume/Cap:	0.04	xxxx	xxxx	0.17	xxxx	xxxx	12.26	1.11	0.14	xxxx	0.92	0.13
Level Of Service Module:												
2Way95thQ:	0.1	xxxx	xxxxx	0.6	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	10.6	xxxx	xxxxx	10.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	B	*	*	B	*	*	*	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	12	xxxxx	xxxx	0	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	20.9	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	6012	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	F	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			6012.1			xxxxxx		
ApproachLOS:	*			*			F			F		

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

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

Intersection #2915 Bay_St/King_St

Cycle (sec):	60	Critical Vol./Cap.(X):	0.968
Loss Time (sec):	6	Average Delay (sec/veh):	27.7
Optimal Cycle:	112	Level Of Service:	C

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	0 0	1! 0	0	0 1	0	0 1
Volume Module:Oct/Nov '03												
Base Vol:	85	538	147	82	785	109	61	136	61	90	57	102
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:	85	538	147	82	785	109	61	136	61	90	57	102
Added Vol:	63	107	9	12	57	1	0	25	39	5	41	7
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	148	645	156	94	842	110	61	161	100	95	98	109
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	161	701	170	102	915	120	66	175	109	103	107	118
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	161	701	170	102	915	120	66	175	109	103	107	118
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:	161	701	170	102	915	120	66	175	109	103	107	118
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.14	0.95	0.95	0.22	0.96	0.96	0.71	0.71	0.71	0.42	0.42	0.83
Lanes:	1.00	0.81	0.19	1.00	0.88	0.12	0.19	0.50	0.31	0.49	0.51	1.00
Final Sat.:	264	1456	352	416	1619	211	257	677	421	395	407	1583
Capacity Analysis Module:												
Vol/Sat:	0.61	0.48	0.48	0.25	0.57	0.57	0.26	0.26	0.26	0.26	0.26	0.07
Crit Moves:	****										****	
Green/Cycle:	0.63	0.63	0.63	0.63	0.63	0.63	0.27	0.27	0.27	0.27	0.27	0.27
Volume/Cap:	0.97	0.76	0.76	0.39	0.90	0.90	0.96	0.96	0.96	0.97	0.97	0.28
Uniform Del:	10.5	7.9	7.9	5.5	9.5	9.5	21.5	21.5	21.5	21.6	21.6	17.3
IncremntDel:	60.0	3.1	3.1	1.0	9.5	9.5	35.5	35.5	35.5	51.8	51.8	0.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	70.6	11.1	11.1	6.4	19.0	19.0	57.0	57.0	57.0	73.4	73.4	17.6
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:	70.6	11.1	11.1	6.4	19.0	19.0	57.0	57.0	57.0	73.4	73.4	17.6
LOS by Move:	E	B	B	A	B	B	E	E	E	E	E	B
HCM2kAvgQ:	3	11	11	1	21	21	11	11	11	8	8	2

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2916 King_St/Laurel_St

Cycle (sec):	100	Critical Vol./Cap.(X):	0.901
Loss Time (sec):	0	Average Delay (sec/veh):	26.1
Optimal Cycle:	0	Level Of Service:	D

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:Oct/Nov '03												
Base Vol:	114	42	28	36	31	9	19	351	81	30	186	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:	114	42	28	36	31	9	19	351	81	30	186	15
Added Vol:	31	27	32	0	31	1	1	24	26	42	44	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	145	69	60	36	62	10	20	375	107	72	230	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	158	75	65	39	67	11	22	408	116	78	250	16
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	158	75	65	39	67	11	22	408	116	78	250	16
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:	158	75	65	39	67	11	22	408	116	78	250	16
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.53	0.25	0.22	0.33	0.58	0.09	0.04	0.75	0.21	0.23	0.72	0.05
Final Sat.:	268	128	111	147	253	41	24	453	129	123	392	26
Capacity Analysis Module:												
Vol/Sat:	0.59	0.59	0.59	0.27	0.27	0.27	0.90	0.90	0.90	0.64	0.64	0.64
Crit Moves:	****			****			****					****
Delay/Veh:	17.6	17.6	17.6	12.5	12.5	12.5	38.5	38.5	38.5	18.6	18.6	18.6
Delay 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
AdjDel/Veh:	17.6	17.6	17.6	12.5	12.5	12.5	38.5	38.5	38.5	18.6	18.6	18.6
LOS by Move:	C	C	C	B	B	B	E	E	E	C	C	C
ApproachDel:	17.6			12.5			38.5			18.6		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	17.6			12.5			38.5			18.6		
LOS by Appr:	C			B			E			C		
AllWayAvgQ:	1.1	1.1	1.1	0.3	0.3	0.3	5.0	5.0	5.0	1.4	1.4	1.4

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2917 Storey/King

Cycle (sec):	100	Critical Vol./Cap.(X):	0.822
Loss Time (sec):	0	Average Delay (sec/veh):	25.4
Optimal Cycle:	0	Level Of Service:	D

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			0 0 1! 0 0			0 1 0 0 0			0 0 0 1 0		
Volume Module:Oct/Nov '03												
Base Vol:	0	0	0	256	0	53	26	302	0	0	189	28
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	0	0	256	0	53	26	302	0	0	189	28
Added Vol:	0	0	0	87	0	0	0	42	0	0	69	60
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	343	0	53	26	344	0	0	258	88
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:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	0	0	0	404	0	62	31	405	0	0	304	104
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	404	0	62	31	405	0	0	304	104
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:	0	0	0	404	0	62	31	405	0	0	304	104
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	0.87	0.00	0.13	0.07	0.93	0.00	0.00	0.75	0.25
Final Sat.:	0	0	0	491	0	76	40	533	0	0	432	147
Capacity Analysis Module:												
Vol/Sat:	xxxx	xxxx	xxxx	0.82	xxxx	0.82	0.76	0.76	xxxx	xxxx	0.70	0.70
Crit Moves:				****				****			****	
Delay/Veh:	0.0	0.0	0.0	29.9	0.0	29.9	24.8	24.8	0.0	0.0	21.0	21.0
Delay 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
AdjDel/Veh:	0.0	0.0	0.0	29.9	0.0	29.9	24.8	24.8	0.0	0.0	21.0	21.0
LOS by Move:	*	*	*	D	*	D	C	C	*	*	C	C
ApproachDel:	xxxxxx			29.9			24.8			21.0		
Delay Adj:	xxxxx			1.00			1.00			1.00		
ApprAdjDel:	xxxxxx			29.9			24.8			21.0		
LOS by Appr:	*			D			C			C		
AllWayAvgQ:	0.0	0.0	0.0	3.3	3.3	3.3	2.5	2.5	2.5	1.9	1.9	1.9

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

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

Intersection #2918 Shaffer/Highway_1

Average Delay (sec/veh): 1.8 Worst Case Level Of Service: C[16.8]

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		0 0 0	1 0		1 0	1 0	0
Volume Module: >> Count Date: 14 Oct 2003 << 5:00 - 6:00 PM												
Base Vol:	34	0	80	0	0	0	650	38		38	456	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
Initial Bse:	34	0	80	0	0	0	650	38		38	456	0
Added Vol:	19	0	0	0	0	0	34	8		0	69	0
PasserByVol:	0	0	0	0	0	0	0	0		0	0	0
Initial Fut:	53	0	80	0	0	0	684	46		38	525	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
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92		0.92	0.92	0.92
PHF Volume:	58	0	87	0	0	0	743	50		41	571	0
Reduct Vol:	0	0	0	0	0	0	0	0		0	0	0
FinalVolume:	58	0	87	0	0	0	743	50		41	571	0
Critical Gap Module:												
Critical Gp:	6.4	6.5	6.2	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	4.2	xxxx	xxxxx
FollowUpTim:	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	2.3	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1425	1422	770	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	793	xxxx	xxxxx
Potent Cap.:	149	136	400	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	810	xxxx	xxxxx
Move Cap.:	143	129	400	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	810	xxxx	xxxxx
Volume/Cap:	0.40	0.00	0.22	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.05	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.7	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT
Shared Cap.:	xxxx	449	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	1.4	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	16.8	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	C	*	*	*	*	*	*	*	*	*	*
ApproachDel:		16.8			xxxxxx			xxxxxx			xxxxxx	
ApproachLOS:		C			*			*			*	

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

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

Intersection #2919 Western/Highway_1

Cycle (sec):	60	Critical Vol./Cap.(X):	0.741
Loss Time (sec):	12	Average Delay (sec/veh):	18.7
Optimal Cycle:	56	Level Of Service:	B

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 0 1	0	1	0 1 0
Volume Module: >> Count Date: 14 Oct 2003 << 4:00 - 5:00 PM												
Base Vol:	19	49	78	112	63	31	17	421	25	33	315	128
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	49	78	112	63	31	17	421	25	33	315	128
Added Vol:	0	32	16	48	7	2	4	30	0	22	67	80
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	19	81	94	160	70	33	21	451	25	55	382	208
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	21	89	103	176	77	36	23	496	27	60	420	229
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	21	89	103	176	77	36	23	496	27	60	420	229
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:	21	89	103	176	77	36	23	496	27	60	420	229
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.89	0.89	0.82	0.73	0.73	0.73	0.92	0.96	0.96	0.92	0.92	0.92
Lanes:	0.19	0.81	1.00	0.61	0.26	0.13	1.00	0.95	0.05	1.00	0.65	0.35
Final Sat.:	322	1374	1553	842	368	174	1753	1734	96	1753	1131	616
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.07	0.21	0.21	0.21	0.01	0.29	0.29	0.03	0.37	0.37
Crit Moves:					****		****				****	
Green/Cycle:	0.28	0.28	0.28	0.28	0.28	0.28	0.02	0.46	0.46	0.06	0.50	0.50
Volume/Cap:	0.23	0.23	0.24	0.74	0.74	0.74	0.74	0.62	0.62	0.62	0.74	0.74
Uniform Del:	16.6	16.6	16.6	19.6	19.6	19.6	29.3	12.1	12.1	27.7	11.9	11.9
IncremntDel:	0.2	0.2	0.3	7.4	7.4	7.4	64.0	1.4	1.4	11.4	3.4	3.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	16.8	16.8	16.9	27.0	27.0	27.0	93.3	13.5	13.5	39.1	15.3	15.3
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:	16.8	16.8	16.9	27.0	27.0	27.0	93.3	13.5	13.5	39.1	15.3	15.3
LOS by Move:	B	B	B	C	C	C	F	B	B	D	B	B
HCM2kAvgQ:	2	2	2	7	7	7	2	8	8	1	10	10

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

Intersection #2920 Swift/Mission

Cycle (sec):	60	Critical Vol./Cap.(X):	0.999
Loss Time (sec):	12	Average Delay (sec/veh):	41.4
Optimal Cycle:	114	Level Of Service:	D

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 1	1	0	1 0
Volume Module:4:00 - 5:00 PM												
Base Vol:	83	43	226	43	14	1	3	518	63	208	439	71
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:	83	43	226	43	14	1	3	518	63	208	439	71
Added Vol:	4	33	385	24	28	0	0	92	3	195	164	46
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	87	76	611	67	42	1	3	610	66	403	603	117
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	94	82	660	72	45	1	3	659	71	435	651	126
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	94	82	660	72	45	1	3	659	71	435	651	126
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:	94	82	660	72	45	1	3	659	71	435	651	126
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.85	0.86	0.91	0.83	0.83	0.83	1.01	1.00	0.99	1.01	0.99	0.98
Lanes:	0.54	0.46	1.00	0.61	0.38	0.01	1.00	1.80	0.20	1.00	1.67	0.33
Final Sat.:	865	756	1730	959	601	14	1928	3425	371	1928	3148	611
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.38	0.08	0.08	0.08	0.00	0.19	0.19	0.23	0.21	0.21
Crit Moves:			****					****		****		
Green/Cycle:	0.38	0.38	0.38	0.38	0.38	0.38	0.00	0.19	0.19	0.23	0.41	0.41
Volume/Cap:	0.28	0.28	1.00	0.20	0.20	0.20	0.50	1.00	1.00	1.00	0.50	0.50
Uniform Del:	12.9	12.9	18.5	12.4	12.4	12.4	29.8	24.2	24.2	23.2	12.9	12.9
IncremntDel:	0.3	0.3	34.8	0.2	0.2	0.2	49.6	33.1	33.1	42.9	0.3	0.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	13.1	13.1	53.4	12.6	12.6	12.6	79.5	57.3	57.3	66.2	13.2	13.2
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:	13.1	13.1	53.4	12.6	12.6	12.6	79.5	57.3	57.3	66.2	13.2	13.2
LOS by Move:	B	B	D	B	B	B	E	E	E	E	B	B
HCM2kAvgQ:	2	2	20	2	2	2	0	10	10	15	6	6

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

Intersection #2921 Miramar/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.973		
Loss Time (sec):	9	Average Delay (sec/veh):	31.2		
Optimal Cycle:	150	Level Of Service:	C		

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:PM Peak Hour												
Base Vol:	65	0	118	90	0	112	66	1118	35	155	864	67
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:	65	0	118	90	0	112	66	1118	35	155	864	67
Added Vol:	46	31	46	14	15	25	29	682	23	23	483	22
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	111	31	164	104	15	137	95	1800	58	178	1347	89
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	123	34	182	116	17	152	106	2000	64	198	1497	99
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	123	34	182	116	17	152	106	2000	64	198	1497	99
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:	123	34	182	116	17	152	106	2000	64	198	1497	99
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.45	0.86	0.86	0.34	0.85	0.85	0.93	0.93	0.93	0.93	0.92	0.92
Lanes:	1.00	0.16	0.84	1.00	0.10	0.90	1.00	1.94	0.06	1.00	1.88	0.12
Final Sat.:	862	259	1369	652	159	1452	1769	3410	110	1769	3289	217
Capacity Analysis Module:												
Vol/Sat:	0.14	0.13	0.13	0.18	0.10	0.10	0.06	0.59	0.59	0.11	0.46	0.46
Crit Moves:				****				****		****		
Green/Cycle:	0.18	0.18	0.18	0.18	0.18	0.18	0.08	0.60	0.60	0.11	0.63	0.63
Volume/Cap:	0.78	0.73	0.73	0.97	0.58	0.58	0.72	0.97	0.97	0.97	0.72	0.72
Uniform Del:	35.1	34.7	34.7	36.6	33.6	33.6	40.2	17.2	17.2	39.7	11.0	11.0
IncremntDel:	22.4	8.9	8.9	73.8	2.8	2.8	15.6	13.7	13.7	55.1	1.1	1.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	57.5	43.6	43.6	110.4	36.4	36.4	55.8	30.9	30.9	94.8	12.2	12.2
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:	57.5	43.6	43.6	110.4	36.4	36.4	55.8	30.9	30.9	94.8	12.2	12.2
LOS by Move:	E	D	D	F	D	D	E	C	C	F	B	B
HCM2kAvgQ:	5	7	7	6	5	5	4	36	36	10	16	16

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

Intersection #2922 Almar-Younglove/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.787
Loss Time (sec):	12	Average Delay (sec/veh):	20.1
Optimal Cycle:	72	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	0 0	1	1 0	1 0	1	1 0
Volume Module:PM Peak Hour												
Base Vol:	28	1	50	42	0	35	0	885	15	66	878	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:	28	1	50	42	0	35	0	885	15	66	878	0
Added Vol:	11	0	182	3	0	9	0	732	10	126	509	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	39	1	232	45	0	44	0	1617	25	192	1387	2
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	42	1	249	48	0	47	0	1739	27	206	1491	2
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	42	1	249	48	0	47	0	1739	27	206	1491	2
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:	42	1	249	48	0	47	0	1739	27	206	1491	2
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.12	1.00	0.96	1.12	1.20	0.99	1.20	1.10	1.10	1.11	1.11	1.11
Lanes:	1.00	0.01	0.99	1.00	0.00	1.00	0.00	1.97	0.03	1.00	1.99	0.01
Final Sat.:	2123	8	1811	2123	0	1879	0	4134	64	2103	4200	6
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.14	0.02	0.00	0.03	0.00	0.42	0.42	0.10	0.36	0.36
Crit Moves:		****				****		****			****	
Green/Cycle:	0.18	0.18	0.18	0.03	0.00	0.03	0.00	0.53	0.53	0.12	0.66	0.66
Volume/Cap:	0.11	0.79	0.79	0.71	0.00	0.79	0.00	0.79	0.79	0.79	0.54	0.54
Uniform Del:	31.2	35.5	35.5	43.1	0.0	43.3	0.0	16.8	16.8	38.2	8.1	8.1
IncremntDel:	0.1	12.2	12.2	29.7	0.0	48.5	0.0	1.9	1.9	14.5	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00
Delay/Veh:	31.4	47.7	47.7	72.8	0.0	91.7	0.0	18.7	18.7	52.7	8.3	8.3
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:	31.4	47.7	47.7	72.8	0.0	91.7	0.0	18.7	18.7	52.7	8.3	8.3
LOS by Move:	C	D	D	E	A	F	A	B	B	D	A	A
HCM2kAvgQ:	1	9	9	3	0	3	0	22	22	8	12	12

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

Intersection #2923 Bay/Mission

Cycle (sec):	120	Critical Vol./Cap.(X):	1.347
Loss Time (sec):	16	Average Delay (sec/veh):	164.1
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	1! 0	0	1 0	1	1 0	1 0	1	1 0
Volume Module: >> Count Date: 1 Jan 2004 << 5:00 - 6:00 PM												
Base Vol:	87	120	74	322	131	112	111	923	52	141	968	188
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:	87	120	74	322	131	112	111	923	52	141	968	188
Added Vol:	57	21	44	65	13	23	36	1039	54	70	637	122
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	144	141	118	387	144	135	147	1962	106	211	1605	310
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:	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
PHF Volume:	148	145	121	397	148	138	151	2012	109	216	1646	318
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	148	145	121	397	148	138	151	2012	109	216	1646	318
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:	148	145	121	397	148	138	151	2012	109	216	1646	318
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.91	0.87	0.92	0.92	0.91	0.92	0.92	0.91	0.92	0.90	0.89
Lanes:	1.00	0.53	0.47	1.41	0.30	0.29	1.00	1.90	0.10	1.00	1.67	0.33
Final Sat.:	1769	923	773	2472	533	500	1753	3299	178	1753	2864	553
Capacity Analysis Module:												
Vol/Sat:	0.08	0.16	0.16	0.16	0.28	0.28	0.09	0.61	0.61	0.12	0.57	0.57
Crit Moves:	****				****		****			****		
Green/Cycle:	0.12	0.12	0.12	0.21	0.21	0.21	0.07	0.45	0.45	0.09	0.47	0.47
Volume/Cap:	0.72	1.35	1.35	0.78	1.35	1.35	1.21	1.35	1.35	1.35	1.21	1.21
Uniform Del:	51.1	53.0	53.0	45.1	47.7	47.7	55.7	32.8	32.8	54.5	31.6	31.6
IncremntDel:	11.5	186	185.9	4.6	169	168.8	149.1	160	160.4	191.5	102	101.9
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	62.7	239	238.9	49.6	216	216.5	204.8	193	193.2	246.0	134	133.5
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:	62.7	239	238.9	49.6	216	216.5	204.8	193	193.2	246.0	134	133.5
LOS by Move:	E	F	F	D	F	F	F	F	F	F	F	F
HCM2kAvgQ:	7	21	20	9	32	32	11	77	76	17	62	62

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

Intersection #2924 Laurel/Mission

Cycle (sec):	100	Critical Vol./Cap.(X):	1.201
Loss Time (sec):	12	Average Delay (sec/veh):	87.9
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:Oct/Nov '03												
Base Vol:	266	155	32	24	170	6	17	952	304	62	1062	33
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:	266	155	32	24	170	6	17	952	304	62	1062	33
Added Vol:	136	42	11	9	73	17	34	1036	166	19	705	15
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	402	197	43	33	243	23	51	1988	470	81	1767	48
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:	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
PHF Volume:	406	199	43	33	245	23	52	2008	475	82	1785	48
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	406	199	43	33	245	23	52	2008	475	82	1785	48
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:	406	199	43	33	245	23	52	2008	475	82	1785	48
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.02	1.05	1.05	1.02	1.06	1.06	1.01	0.98	0.95	1.01	1.00	1.00
Lanes:	1.00	0.82	0.18	1.00	0.91	0.09	1.00	1.61	0.39	1.00	1.95	0.05
Final Sat.:	1946	1635	357	1946	1846	175	1910	2986	706	1910	3704	101
Capacity Analysis Module:												
Vol/Sat:	0.21	0.12	0.12	0.02	0.13	0.13	0.03	0.67	0.67	0.04	0.48	0.48
Crit Moves:	****				****			****			****	
Green/Cycle:	0.17	0.25	0.25	0.04	0.11	0.11	0.03	0.56	0.56	0.04	0.56	0.56
Volume/Cap:	1.20	0.49	0.49	0.49	1.20	1.20	0.85	1.20	1.20	1.20	0.85	0.85
Uniform Del:	41.3	32.1	32.1	47.4	44.5	44.5	48.2	22.0	22.0	48.2	18.3	18.3
IncremntDel:	115.4	0.8	0.8	5.4	125	125.2	66.6	95.4	95.4	173.0	3.6	3.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	156.7	32.8	32.8	52.8	170	169.7	114.8	117	117.4	221.3	21.9	21.9
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:	156.7	32.8	32.8	52.8	170	169.7	114.8	117	117.4	221.3	21.9	21.9
LOS by Move:	F	C	C	D	F	F	F	F	F	F	C	C
HCM2kAvgQ:	21	6	6	2	17	17	3	69	67	6	27	27

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

Intersection #2925 Mission/Walnut

Cycle (sec):	90	Critical Vol./Cap.(X):	0.946
Loss Time (sec):	12	Average Delay (sec/veh):	35.6
Optimal Cycle:	127	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:PM Peak Hour												
Base Vol:	65	72	59	59	101	9	14	905	50	41	1080	16
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:	65	72	59	59	101	9	14	905	50	41	1080	16
Added Vol:	57	73	0	19	29	75	123	851	127	0	598	25
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	122	145	59	78	130	84	137	1756	177	41	1678	41
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	128	153	62	82	137	88	144	1848	186	43	1766	43
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	128	153	62	82	137	88	144	1848	186	43	1766	43
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:	128	153	62	82	137	88	144	1848	186	43	1766	43
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.91	0.91	0.91
Lanes:	1.00	0.71	0.29	1.00	0.61	0.39	1.00	1.82	0.18	1.00	1.95	0.05
Final Sat.:	1769	1267	515	1769	1064	688	1736	3111	314	1736	3376	82
Capacity Analysis Module:												
Vol/Sat:	0.07	0.12	0.12	0.05	0.13	0.13	0.08	0.59	0.59	0.02	0.52	0.52
Crit Moves:	****				****			****			****	
Green/Cycle:	0.08	0.15	0.15	0.06	0.14	0.14	0.09	0.63	0.63	0.03	0.56	0.56
Volume/Cap:	0.95	0.79	0.79	0.79	0.95	0.95	0.93	0.95	0.95	0.95	0.93	0.93
Uniform Del:	41.4	36.7	36.7	41.8	38.6	38.6	40.7	15.4	15.4	43.8	17.9	17.9
IncremntDel:	60.8	13.9	13.9	31.4	43.5	43.5	50.8	9.7	9.7	112.5	8.2	8.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	102.2	50.6	50.6	73.1	82.1	82.1	91.5	25.0	25.0	156.3	26.1	26.1
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:	102.2	50.6	50.6	73.1	82.1	82.1	91.5	25.0	25.0	156.3	26.1	26.1
LOS by Move:	F	D	D	E	F	F	F	C	C	F	C	C
HCM2kAvgQ:	7	8	8	4	10	10	7	33	33	3	29	29

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

Intersection #2926 King/Mission

Cycle (sec):	150	Critical Vol./Cap.(X):	1.143	
Loss Time (sec):	12	Average Delay (sec/veh):	90.5	
Optimal Cycle:	200	Level Of Service:	F	

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	1	0 1! 0	0	0	1 1 0	1	0	1 1 0
Volume Module:PM Peak Hour												
Base Vol:	10	6	19	788	1	4	0	1430	3	14	1251	168
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:	10	6	19	788	1	4	0	1430	3	14	1251	168
Added Vol:	10	0	0	129	0	0	0	870	0	0	623	129
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	20	6	19	917	1	4	0	2300	3	14	1874	297
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	22	7	21	1019	1	4	0	2556	3	16	2082	330
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	22	7	21	1019	1	4	0	2556	3	16	2082	330
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:	22	7	21	1019	1	4	0	2556	3	16	2082	330
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.90	0.90	0.93	0.93	0.93	1.00	0.93	0.93	0.93	0.91	0.91
Lanes:	0.45	0.13	0.42	1.98	0.01	0.01	0.00	1.99	0.01	1.00	1.73	0.27
Final Sat.:	763	229	725	3526	4	15	0	3533	5	1769	2990	474
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.29	0.29	0.29	0.00	0.72	0.72	0.01	0.70	0.70
Crit Moves:	****					****		****		****		
Green/Cycle:	0.03	0.03	0.03	0.25	0.25	0.25	0.00	0.63	0.63	0.01	0.64	0.64
Volume/Cap:	1.14	1.14	1.14	1.14	1.14	1.14	0.00	1.14	1.14	1.14	1.09	1.09
Uniform Del:	73.1	73.1	73.1	55.9	55.9	55.9	0.0	27.5	27.5	74.4	27.0	27.0
IncremntDel:	181.2	181	181.2	75.2	77.7	77.7	0.0	70.3	70.3	295.1	47.7	47.7
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.47	0.47
Delay/Veh:	254.3	254	254.3	131.2	134	133.7	0.0	97.9	97.9	369.5	60.3	60.3
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:	254.3	254	254.3	131.2	134	133.7	0.0	97.9	97.9	369.5	60.3	60.3
LOS by Move:	F	F	F	F	F	F	A	F	F	F	E	E
HCM2kAvgQ:	5	5	5	34	34	34	0	83	83	1	67	67

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

Intersection #2927 Chestnut/Mission

Cycle (sec):	150	Critical Vol./Cap.(X):	1.228
Loss Time (sec):	12	Average Delay (sec/veh):	121.8
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Ovl			Include			Include		
Min. Green:	4	4	4	4	4	10	10	10	10	4	4	4
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	2	0 2	1	1 0	1 0	0 1	0	1 0
Volume Module:	PM Peak Hour											
Base Vol:	116	255	36	67	383	993	1226	590	31	21	452	88
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:	116	255	36	67	383	993	1226	590	31	21	452	88
Added Vol:	15	53	7	0	79	513	649	364	9	10	333	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	131	308	43	67	462	1506	1875	954	40	31	785	88
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	142	335	47	73	502	1637	2038	1037	43	34	853	96
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	142	335	47	73	502	1637	2038	1037	43	34	853	96
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:	142	335	47	73	502	1637	2038	1037	43	34	853	96
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.89	0.88	0.91	0.91	0.70	0.88	0.88	0.88	0.92	0.92	0.92
Lanes:	1.00	1.75	0.25	1.00	2.00	2.00	1.96	1.00	0.04	0.07	1.74	0.19
Final Sat.:	1716	2956	413	1736	3473	2645	3289	1673	70	119	3020	339
Capacity Analysis Module:												
Vol/Sat:	0.08	0.11	0.11	0.04	0.14	0.62	0.62	0.62	0.62	0.28	0.28	0.28
Crit Moves:	****				****		****				****	
Green/Cycle:	0.07	0.14	0.14	0.05	0.12	0.62	0.50	0.50	0.50	0.23	0.23	0.23
Volume/Cap:	1.23	0.84	0.84	0.84	1.23	0.99	1.23	1.23	1.23	1.23	1.23	1.23
Uniform Del:	69.9	63.2	63.2	70.6	66.2	28.1	37.2	37.2	37.2	57.7	57.7	57.7
IncremntDel:	157.2	12.8	12.8	47.8	122	20.8	106.3	106	106.3	113.6	114	113.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	0.76	0.76	0.76	1.00	1.00	1.00
Delay/Veh:	227.1	76.1	76.1	118.4	189	48.9	134.5	135	134.5	171.3	171	171.3
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:	227.1	76.1	76.1	118.4	189	48.9	134.5	135	134.5	171.3	171	171.3
LOS by Move:	F	E	E	F	F	D	F	F	F	F	F	F
HCM2kAvgQ:	12	11	11	5	21	49	71	71	71	36	36	36

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

Intersection #2928 N_Pacific/River

Cycle (sec):	60	Critical Vol./Cap.(X):	0.815
Loss Time (sec):	6	Average Delay (sec/veh):	14.5
Optimal Cycle:	54	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	1	0	1 0 1	1	0	0 1 0
Volume Module:	4:45 - 5:45 PM											
Base Vol:	157	31	59	44	26	17	20	383	188	26	361	51
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:	157	31	59	44	26	17	20	383	188	26	361	51
Added Vol:	69	0	0	0	0	0	0	278	206	6	361	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	226	31	59	44	26	17	20	661	394	32	722	51
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	251	34	66	49	29	19	22	734	438	36	802	57
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	251	34	66	49	29	19	22	734	438	36	802	57
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:	251	34	66	49	29	19	22	734	438	36	802	57
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.70	0.71	0.71	0.76	0.77	0.76	0.14	0.98	0.82	0.21	0.96	0.96
Lanes:	0.72	0.10	0.18	0.51	0.30	0.19	1.00	1.00	1.00	1.00	0.93	0.07
Final Sat.:	953	131	249	734	434	284	264	1862	1566	407	1706	120
Capacity Analysis Module:												
Vol/Sat:	0.26	0.26	0.26	0.07	0.07	0.07	0.08	0.39	0.28	0.09	0.47	0.47
Crit Moves:	****										****	
Green/Cycle:	0.32	0.32	0.32	0.32	0.32	0.32	0.58	0.58	0.58	0.58	0.58	0.58
Volume/Cap:	0.82	0.82	0.82	0.21	0.21	0.21	0.15	0.68	0.48	0.15	0.82	0.82
Uniform Del:	18.7	18.7	18.7	14.7	14.7	14.7	5.9	8.9	7.5	5.9	10.1	10.1
IncremntDel:	11.4	11.4	11.4	0.2	0.2	0.2	0.4	1.8	0.4	0.3	5.0	5.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	30.1	30.1	30.1	14.9	14.9	14.9	6.3	10.7	7.9	6.2	15.1	15.1
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:	30.1	30.1	30.1	14.9	14.9	14.9	6.3	10.7	7.9	6.2	15.1	15.1
LOS by Move:	C	C	C	B	B	B	A	B	A	A	B	B
HCM2kAvgQ:	9	9	9	1	1	1	0	11	5	0	15	15

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

Intersection #2929 Center/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.736
Loss Time (sec):	9	Average Delay (sec/veh):	22.0
Optimal Cycle:	55	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	0 1	0	0	0 0 0	0	0	2 0 1	1 0	2	0 0
Volume Module:PM Peak Hour												
Base Vol:	93	0	536	0	0	0	0	421	61	353	329	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:	93	0	536	0	0	0	0	421	61	353	329	0
Added Vol:	5	0	85	0	0	0	0	368	3	71	338	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	98	0	621	0	0	0	0	789	64	424	667	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	107	0	675	0	0	0	0	858	70	461	725	0
Reduct Vol:	0	0	429	0	0	0	0	0	0	0	0	0
Reduced Vol:	107	0	246	0	0	0	0	858	70	461	725	0
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:	107	0	246	0	0	0	0	858	70	461	725	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	1.00	0.82	1.00	1.00	1.00	1.00	0.95	0.85	0.91	0.91	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	2.00	1.00	1.00	2.00	0.00
Final Sat.:	1734	0	1551	0	0	0	0	3609	1614	1734	3467	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.16	0.00	0.00	0.00	0.00	0.24	0.04	0.27	0.21	0.00
Crit Moves:			****					****		****		
Green/Cycle:	0.22	0.00	0.22	0.00	0.00	0.00	0.00	0.32	0.32	0.36	0.68	0.00
Volume/Cap:	0.29	0.00	0.74	0.00	0.00	0.00	0.00	0.74	0.13	0.74	0.31	0.00
Uniform Del:	29.5	0.0	32.9	0.0	0.0	0.0	0.0	27.1	21.6	25.0	5.7	0.0
IncremntDel:	0.4	0.0	8.3	0.0	0.0	0.0	0.0	2.5	0.1	4.5	0.1	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.93	0.32	0.00
Delay/Veh:	29.9	0.0	41.2	0.0	0.0	0.0	0.0	29.5	21.7	27.9	1.9	0.0
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:	29.9	0.0	41.2	0.0	0.0	0.0	0.0	29.5	21.7	27.9	1.9	0.0
LOS by Move:	C	A	D	A	A	A	A	C	C	C	A	A
HCM2kAvgQ:	3	0	8	0	0	0	0	10	1	12	2	0

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

Intersection #2930 Pacific/Water-Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.735
Loss Time (sec):	9	Average Delay (sec/veh):	25.2
Optimal Cycle:	55	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0	0 0	0	1 0	0 1	1 0	1	1 0	2 0	1	1 0
Volume Module: >> Count Date: 2 Mar 2004 << 4:45 - 5:45 PM												
Base Vol:	0	0	0	20	182	177	200	622	157	132	451	22
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	0	0	20	182	177	200	622	157	132	451	22
Added Vol:	0	0	0	25	183	33	50	403	0	25	376	15
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	45	365	210	250	1025	157	157	827	37
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	0	0	0	49	397	228	272	1114	171	171	899	40
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	49	397	228	272	1114	171	171	899	40
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:	0	0	0	49	397	228	272	1114	171	171	899	40
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.97	0.97	0.83	0.94	0.92	0.92	0.90	0.93	0.92
Lanes:	0.00	0.00	0.00	0.11	0.89	1.00	1.00	1.73	0.27	2.00	1.91	0.09
Final Sat.:	0	0	0	202	1639	1568	1787	3035	465	3432	3366	151
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.24	0.24	0.15	0.15	0.37	0.37	0.05	0.27	0.27
Crit Moves:					****		****				****	
Green/Cycle:	0.00	0.00	0.00	0.33	0.33	0.33	0.21	0.50	0.50	0.07	0.36	0.36
Volume/Cap:	0.00	0.00	0.00	0.73	0.73	0.44	0.73	0.73	0.73	0.73	0.73	0.73
Uniform Del:	0.0	0.0	0.0	26.7	26.7	23.7	33.4	17.6	17.6	41.1	24.9	24.9
IncremntDel:	0.0	0.0	0.0	4.7	4.7	0.6	7.5	1.6	1.6	11.1	2.3	2.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.76	0.76	1.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	31.4	31.4	24.3	40.8	15.0	15.0	52.3	27.1	27.1
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:	0.0	0.0	0.0	31.4	31.4	24.3	40.8	15.0	15.0	52.3	27.1	27.1
LOS by Move:	A	A	A	C	C	C	D	B	B	D	C	C
HCM2kAvgQ:	0	0	0	12	12	5	8	13	13	4	13	13

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

Intersection #2931 River/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	0.973
Loss Time (sec):	12	Average Delay (sec/veh):	47.0
Optimal Cycle:	145	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	0 1	0	1 0	2 0	1	1 0	2 0	1
Volume Module:4:30 - 5:30 PM												
Base Vol:	107	214	209	92	341	39	71	698	59	156	542	200
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:	107	214	209	92	341	39	71	698	59	156	542	200
Added Vol:	4	179	43	220	86	19	11	414	3	48	392	146
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	111	393	252	312	427	58	82	1112	62	204	934	346
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	119	423	271	335	459	62	88	1196	67	219	1004	372
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	119	423	271	335	459	62	88	1196	67	219	1004	372
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:	119	423	271	335	459	62	88	1196	67	219	1004	372
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.90	0.76	0.92	0.95	0.95	0.92	0.92	0.76	0.94	0.94	0.77
Lanes:	1.00	2.00	1.00	1.00	0.88	0.12	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	1718	3437	1445	1751	1593	216	1751	3502	1444	1787	3573	1465
Capacity Analysis Module:												
Vol/Sat:	0.07	0.12	0.19	0.19	0.29	0.29	0.05	0.34	0.05	0.12	0.28	0.25
Crit Moves:			****	****				****		****		
Green/Cycle:	0.08	0.19	0.19	0.20	0.31	0.31	0.07	0.35	0.35	0.13	0.40	0.40
Volume/Cap:	0.92	0.64	0.97	0.97	0.92	0.92	0.69	0.97	0.13	0.97	0.69	0.63
Uniform Del:	41.3	33.4	36.1	35.9	29.8	29.8	40.8	28.8	19.9	39.2	22.2	21.4
IncremntDel:	54.4	2.1	46.3	41.1	20.0	20.0	15.4	19.4	0.1	52.1	1.5	2.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	95.7	35.5	82.4	77.0	49.7	49.7	56.2	48.2	20.0	91.3	23.7	23.5
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:	95.7	35.5	82.4	77.0	49.7	49.7	56.2	48.2	20.0	91.3	23.7	23.5
LOS by Move:	F	D	F	E	D	D	E	D	B	F	C	C
HCM2kAvgQ:	6	7	12	14	18	18	4	23	1	10	13	9

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

Intersection #2932 Ocean/Washburn-Keenan

Cycle (sec):	95	Critical Vol./Cap.(X):	0.789
Loss Time (sec):	9	Average Delay (sec/veh):	13.7
Optimal Cycle:	65	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:PM 2001												
Base Vol:	8	1080	17	33	1408	5	2	0	7	16	0	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:	8	1080	17	33	1408	5	2	0	7	16	0	15
Added Vol:	31	465	35	27	331	7	40	0	46	31	0	26
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	39	1545	52	60	1739	12	42	0	53	47	0	41
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	42	1679	57	65	1890	13	46	0	58	51	0	45
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	42	1679	57	65	1890	13	46	0	58	51	0	45
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:	42	1679	57	65	1890	13	46	0	58	51	0	45
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.83	0.83	0.93	0.84	0.84	0.59	1.00	0.59	0.55	1.00	0.55
Lanes:	1.00	1.93	0.07	1.00	1.99	0.01	0.44	0.00	0.56	0.53	0.00	0.47
Final Sat.:	1769	3065	103	1769	3159	22	496	0	627	554	0	483
Capacity Analysis Module:												
Vol/Sat:	0.02	0.55	0.55	0.04	0.60	0.60	0.09	0.00	0.09	0.09	0.00	0.09
Crit Moves:	****				****						****	
Green/Cycle:	0.03	0.74	0.74	0.05	0.76	0.76	0.12	0.00	0.12	0.12	0.00	0.12
Volume/Cap:	0.79	0.74	0.74	0.74	0.79	0.79	0.79	0.00	0.79	0.79	0.00	0.79
Uniform Del:	45.8	7.2	7.2	44.5	6.9	6.9	40.8	0.0	40.8	40.8	0.0	40.8
IncremntDel:	53.4	1.3	1.3	28.3	1.8	1.8	26.3	0.0	26.3	28.5	0.0	28.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Delay/Veh:	99.2	8.5	8.5	72.8	8.7	8.7	67.1	0.0	67.1	69.3	0.0	69.3
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:	99.2	8.5	8.5	72.8	8.7	8.7	67.1	0.0	67.1	69.3	0.0	69.3
LOS by Move:	F	A	A	E	A	A	E	A	E	E	A	E
HCM2kAvgQ:	3	17	17	3	19	19	5	0	5	5	0	5

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

Intersection #2933 Ocean/Water

Cycle (sec):	120	Critical Vol./Cap.(X):	1.454
Loss Time (sec):	12	Average Delay (sec/veh):	169.4
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	2 0	1 1	0	1 0	2 0	1
Volume Module:PM 2001												
Base Vol:	171	908	76	404	1140	187	335	929	130	140	527	249
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:	171	908	76	404	1140	187	335	929	130	140	527	249
Added Vol:	22	391	16	101	245	173	135	519	24	22	391	78
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	193	1299	92	505	1385	360	470	1448	154	162	918	327
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	210	1412	100	549	1505	391	511	1574	167	176	998	355
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	210	1412	100	549	1505	391	511	1574	167	176	998	355
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:	210	1412	100	549	1505	391	511	1574	167	176	998	355
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	0.83	0.93	0.93	0.82	0.90	0.92	0.92	0.93	0.93	0.81
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	1.81	0.19	1.00	2.00	1.00
Final Sat.:	1769	3538	1572	1769	3538	1553	3432	3152	335	1769	3538	1536
Capacity Analysis Module:												
Vol/Sat:	0.12	0.40	0.06	0.31	0.43	0.25	0.15	0.50	0.50	0.10	0.28	0.23
Crit Moves:		****		****				****		****		
Green/Cycle:	0.11	0.27	0.27	0.21	0.38	0.38	0.14	0.34	0.34	0.07	0.27	0.27
Volume/Cap:	1.11	1.45	0.23	1.45	1.11	0.66	1.05	1.45	1.45	1.45	1.05	0.86
Uniform Del:	53.6	43.5	33.7	47.2	37.1	30.7	51.5	39.4	39.4	55.9	43.8	41.6
IncremntDel:	99.8	210	0.3	218.4	62.4	2.8	53.3	209	208.8	244.0	41.9	16.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	153.4	253	34.0	265.6	99.5	33.4	104.7	248	248.2	299.9	85.7	57.9
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:	153.4	253	34.0	265.6	99.5	33.4	104.7	248	248.2	299.9	85.7	57.9
LOS by Move:	F	F	C	F	F	C	F	F	F	F	F	E
HCM2kAvgQ:	14	57	3	43	43	13	15	69	69	13	23	12

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

Intersection #2934 Market/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	0.930
Loss Time (sec):	9	Average Delay (sec/veh):	32.9
Optimal Cycle:	114	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0 0	0 0		1 0	0 0	1	1 0	2 0	0	0 0	1 1	0
Volume Module:5:00 - 6:00 PM												
Base Vol:	0	0	0	459	0	108	115	1280	0	0	766	89
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	0	0	459	0	108	115	1280	0	0	766	89
Added Vol:	0	0	0	48	0	82	101	519	0	0	387	39
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	507	0	190	216	1799	0	0	1153	128
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	0	0	0	534	0	200	227	1894	0	0	1214	135
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	534	0	200	227	1894	0	0	1214	135
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:	0	0	0	534	0	200	227	1894	0	0	1214	135
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.93	1.00	0.83	0.93	0.93	1.00	1.00	0.92	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	2.00	0.00	0.00	1.80	0.20
Final Sat.:	0	0	0	1769	0	1583	1769	3538	0	0	3137	348
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.30	0.00	0.13	0.13	0.54	0.00	0.00	0.39	0.39
Crit Moves:				****				****		****		
Green/Cycle:	0.00	0.00	0.00	0.32	0.00	0.32	0.14	0.58	0.00	0.00	0.43	0.43
Volume/Cap:	0.00	0.00	0.00	0.93	0.00	0.39	0.90	0.93	0.00	0.00	0.90	0.90
Uniform Del:	0.0	0.0	0.0	29.4	0.0	23.5	37.9	17.4	0.0	0.0	23.7	23.7
IncremntDel:	0.0	0.0	0.0	21.8	0.0	0.5	30.7	8.3	0.0	0.0	7.4	7.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	51.3	0.0	24.0	68.5	25.7	0.0	0.0	31.1	31.1
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:	0.0	0.0	0.0	51.3	0.0	24.0	68.5	25.7	0.0	0.0	31.1	31.1
LOS by Move:	A	A	A	D	A	C	E	C	A	A	C	C
HCM2kAvgQ:	0	0	0	19	0	4	6	24	0	0	17	17

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

Intersection #2935 N_Branciforte/Water

Cycle (sec):	100	Critical Vol./Cap.(X):	1.117
Loss Time (sec):	12	Average Delay (sec/veh):	73.7
Optimal Cycle:	200	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	2 0	1	1 0	1	1 0
Volume Module:5:00 - 6:00 PM												
Base Vol:	232	257	59	40	172	62	349	860	388	87	644	48
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:	232	257	59	40	172	62	349	860	388	87	644	48
Added Vol:	90	57	19	1	41	68	105	380	82	14	267	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	322	314	78	41	213	130	454	1240	470	101	911	50
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	346	338	84	44	229	140	488	1333	505	109	980	54
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	346	338	84	44	229	140	488	1333	505	109	980	54
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:	346	338	84	44	229	140	488	1333	505	109	980	54
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.95	0.95	0.93	0.92	0.92	0.91	0.91	0.68	0.93	0.92	0.92
Lanes:	1.00	0.80	0.20	1.00	0.62	0.38	1.00	2.00	1.00	1.00	1.90	0.10
Final Sat.:	1769	1447	359	1769	1086	663	1734	3467	1285	1769	3326	183
Capacity Analysis Module:												
Vol/Sat:	0.20	0.23	0.23	0.02	0.21	0.21	0.28	0.38	0.39	0.06	0.29	0.29
Crit Moves:	****			****			****				****	
Green/Cycle:	0.18	0.33	0.33	0.04	0.19	0.19	0.25	0.45	0.45	0.07	0.26	0.26
Volume/Cap:	1.12	0.71	0.71	0.71	1.12	1.12	1.12	0.86	0.88	0.88	1.12	1.12
Uniform Del:	41.2	29.4	29.4	47.7	40.6	40.6	37.4	24.9	25.3	46.1	36.8	36.8
IncremntDel:	86.3	4.0	4.0	31.5	84.8	84.8	78.8	5.2	14.8	46.9	67.1	67.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	127.5	33.3	33.3	79.3	125	125.4	116.2	30.1	40.1	93.0	104	103.9
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:	127.5	33.3	33.3	79.3	125	125.4	116.2	30.1	40.1	93.0	104	103.9
LOS by Move:	F	C	C	E	F	F	F	C	D	F	F	F
HCM2kAvgQ:	19	12	12	3	20	20	21	18	14	6	28	28

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                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
********************************************************************************
Intersection #2936 Seabright/Water
********************************************************************************
Average Delay (sec/veh):     54.5       Worst Case Level Of Service: F[1285.2]
********************************************************************************
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    0  0  0  1  0    1  0  1  0  0
-----------|---------------||---------------||---------------||---------------|
Volume Module:PM
Base Vol:      30    0    40     0    0     0     0  952    89    15  749     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:   30    0    40     0    0     0     0  952    89    15  749     0
Added Vol:     30    0     9     0    0     0     0  368    32     8  253     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   60    0    49     0    0     0     0 1320   121    23 1002     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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:    67    0    54     0    0     0     0 1467   134    26 1113     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:   67    0    54     0    0     0     0 1467   134    26 1113     0
-----------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  6.4  6.5   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   4.1 xxxx xxxxx
FollowUpTim:  3.5  4.0   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   2.2 xxxx xxxxx
-----------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 2698 2698  1534  xxxx xxxx xxxxx  xxxx xxxx xxxxx  1601 xxxx xxxxx
Potent Cap.:   24   21   143  xxxx xxxx xxxxx  xxxx xxxx xxxxx   409 xxxx xxxxx
Move Cap.:     23   20   143  xxxx xxxx xxxxx  xxxx xxxx xxxxx   409 xxxx xxxxx
Volume/Cap:  2.96 0.00  0.38  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.06 xxxx  xxxx
-----------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.2 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx  14.4 xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     B    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx   36 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx 13.9 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx 1285 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    F     *     *    *     *     *    *     *     *    *     *
ApproachDel:    1285.2           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         F                *                *                *
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2937 Morrissey/Soquel/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	1.000
Loss Time (sec):	9	Average Delay (sec/veh):	42.7
Optimal Cycle:	185	Level Of Service:	D

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0 1	0	1 0	1 0	1	2 0	1 1	0	1 0	2 0	1
Volume Module:												
Base Vol:	19	108	15	249	219	0	471	1252	38	57	1200	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:	19	108	15	249	219	0	471	1252	38	57	1200	0
Added Vol:	0	19	15	46	14	78	68	413	0	6	274	38
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	19	127	30	295	233	78	539	1665	38	63	1474	38
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	20	134	32	311	245	82	567	1753	40	66	1552	40
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	20	134	32	311	245	82	567	1753	40	66	1552	40
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:	20	134	32	311	245	82	567	1753	40	66	1552	40
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.43	0.95	0.95	0.55	0.98	0.83	0.90	0.93	0.93	0.93	0.93	0.83
Lanes:	1.00	0.81	0.19	1.00	1.00	1.00	2.00	1.96	0.04	1.00	2.00	1.00
Final Sat.:	825	1463	345	1050	1862	1583	3432	3448	79	1769	3538	1583
Capacity Analysis Module:												
Vol/Sat:	0.02	0.09	0.09	0.30	0.13	0.05	0.17	0.51	0.51	0.04	0.44	0.03
Crit Moves:				****			****				****	
Green/Cycle:	0.30	0.30	0.30	0.30	0.30	0.30	0.17	0.56	0.56	0.04	0.44	0.44
Volume/Cap:	0.08	0.31	0.31	1.00	0.45	0.18	1.00	0.90	0.90	0.90	1.00	0.06
Uniform Del:	22.9	24.6	24.6	31.7	25.7	23.5	37.6	17.5	17.5	43.0	25.2	14.5
IncremntDel:	0.1	0.3	0.3	50.9	0.6	0.2	37.7	6.3	6.3	72.6	22.7	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	23.0	24.9	24.9	82.6	26.3	23.7	75.2	23.8	23.8	115.5	48.0	14.6
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:	23.0	24.9	24.9	82.6	26.3	23.7	75.2	23.8	23.8	115.5	48.0	14.6
LOS by Move:	C	C	C	F	C	C	E	C	C	F	D	B
HCM2kAvgQ:	0	4	4	14	6	2	13	27	27	2	27	1

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

Intersection #2938 Frederick/Soquel

Cycle (sec):	90	Critical Vol./Cap.(X):	1.081
Loss Time (sec):	9	Average Delay (sec/veh):	53.9
Optimal Cycle:	200	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	0 1	0	0	0 0 0	0	0	1 1 0	1 0	2	0 0
Volume Module:												
Base Vol:	125	0	411	0	0	0	0	1292	53	196	1105	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:	125	0	411	0	0	0	0	1292	53	196	1105	0
Added Vol:	21	0	22	0	0	0	0	435	40	30	297	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	146	0	433	0	0	0	0	1727	93	226	1402	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	154	0	456	0	0	0	0	1818	98	238	1476	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	154	0	456	0	0	0	0	1818	98	238	1476	0
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:	154	0	456	0	0	0	0	1818	98	238	1476	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	1.00	0.82	1.00	1.00	1.00	1.00	0.92	0.92	0.93	0.93	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.90	0.10	1.00	2.00	0.00
Final Sat.:	1769	0	1559	0	0	0	0	3330	179	1769	3538	0
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.29	0.00	0.00	0.00	0.00	0.55	0.55	0.13	0.42	0.00
Crit Moves:			****					****		****		
Green/Cycle:	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.51	0.51	0.12	0.63	0.00
Volume/Cap:	0.32	0.00	1.08	0.00	0.00	0.00	0.00	1.08	1.08	1.08	0.66	0.00
Uniform Del:	26.2	0.0	32.8	0.0	0.0	0.0	0.0	22.3	22.3	39.4	10.6	0.0
IncremntDel:	0.4	0.0	67.2	0.0	0.0	0.0	0.0	46.9	46.9	83.8	0.8	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	26.6	0.0	100.1	0.0	0.0	0.0	0.0	69.2	69.2	123.2	11.4	0.0
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:	26.6	0.0	100.1	0.0	0.0	0.0	0.0	69.2	69.2	123.2	11.4	0.0
LOS by Move:	C	A	F	A	A	A	A	E	E	F	B	A
HCM2kAvgQ:	4	0	21	0	0	0	0	37	37	13	14	0

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

Intersection #2939 Hagemann-Trevethan/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.814
Loss Time (sec):	6	Average Delay (sec/veh):	11.4
Optimal Cycle:	61	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	1	0	1 1	0	1	0 1 0
Volume Module:												
Base Vol:	60	12	34	74	11	54	17	1706	32	22	1222	24
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:	60	12	34	74	11	54	17	1706	32	22	1222	24
Added Vol:	19	4	0	0	5	32	52	356	23	0	265	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	16	34	74	16	86	69	2062	55	22	1487	24
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	83	17	36	78	17	91	73	2171	58	23	1565	25
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	83	17	36	78	17	91	73	2171	58	23	1565	25
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:	83	17	36	78	17	91	73	2171	58	23	1565	25
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.59	0.59	0.59	0.74	0.74	0.73	0.12	0.93	0.93	0.80	0.80	0.80
Lanes:	0.62	0.12	0.26	0.42	0.09	0.49	1.00	1.95	0.05	0.03	1.94	0.03
Final Sat.:	684	139	294	588	127	683	225	3432	92	44	2956	48
Capacity Analysis Module:												
Vol/Sat:	0.12	0.12	0.12	0.13	0.13	0.13	0.32	0.63	0.63	0.53	0.53	0.53
Crit Moves:					****			****				
Green/Cycle:	0.16	0.16	0.16	0.16	0.16	0.16	0.78	0.78	0.78	0.78	0.78	0.78
Volume/Cap:	0.75	0.75	0.75	0.81	0.81	0.81	0.42	0.81	0.81	0.68	0.68	0.68
Uniform Del:	39.9	39.9	39.9	40.4	40.4	40.4	3.7	6.8	6.8	5.3	5.3	5.3
IncremntDel:	15.6	15.6	15.6	19.6	19.6	19.6	1.6	2.0	2.0	0.8	0.8	0.8
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	55.5	55.5	55.5	60.0	60.0	60.0	5.3	8.7	8.7	6.1	6.1	6.1
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:	55.5	55.5	55.5	60.0	60.0	60.0	5.3	8.7	8.7	6.1	6.1	6.1
LOS by Move:	E	E	E	E	E	E	A	A	A	A	A	A
HCM2kAvgQ:	6	6	6	8	8	8	1	24	24	12	12	12

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

Intersection #2940 Park/Soquel

Cycle (sec):	90	Critical Vol./Cap.(X):	0.966
Loss Time (sec):	6	Average Delay (sec/veh):	19.2
Optimal Cycle:	146	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 1 0	0	1	0 1 0
Volume Module:												
Base Vol:	13	18	19	128	7	69	39	1780	11	9	1169	28
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:	13	18	19	128	7	69	39	1780	11	9	1169	28
Added Vol:	40	0	7	0	0	1	0	337	19	3	225	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	18	26	128	7	70	39	2117	30	12	1394	28
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	56	19	27	135	7	74	41	2228	32	13	1467	29
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	19	27	135	7	74	41	2228	32	13	1467	29
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:	56	19	27	135	7	74	41	2228	32	13	1467	29
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.73	0.73	0.73	0.68	0.69	0.69	0.82	0.82	0.82	0.83	0.83	0.83
Lanes:	0.55	0.18	0.27	0.63	0.03	0.34	0.03	1.94	0.03	0.02	1.94	0.04
Final Sat.:	760	258	373	813	44	445	56	3029	43	26	3075	62
Capacity Analysis Module:												
Vol/Sat:	0.07	0.07	0.07	0.17	0.17	0.17	0.74	0.74	0.74	0.48	0.48	0.48
Crit Moves:					****			****				
Green/Cycle:	0.17	0.17	0.17	0.17	0.17	0.17	0.76	0.76	0.76	0.76	0.76	0.76
Volume/Cap:	0.43	0.43	0.43	0.97	0.97	0.97	0.97	0.97	0.97	0.63	0.63	0.63
Uniform Del:	33.3	33.3	33.3	37.0	37.0	37.0	9.7	9.7	9.7	4.9	4.9	4.9
IncremntDel:	1.2	1.2	1.2	50.3	50.3	50.3	11.5	11.5	11.5	0.5	0.5	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	34.6	34.6	34.6	87.3	87.3	87.3	21.2	21.2	21.2	5.4	5.4	5.4
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:	34.6	34.6	34.6	87.3	87.3	87.3	21.2	21.2	21.2	5.4	5.4	5.4
LOS by Move:	C	C	C	F	F	F	C	C	C	A	A	A
HCM2kAvgQ:	3	3	3	10	10	10	33	33	33	10	10	10

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

Intersection #2941 Capitola_Rd/Soquel_Av

Cycle (sec):	90	Critical Vol./Cap.(X):	0.679
Loss Time (sec):	12	Average Delay (sec/veh):	25.1
Optimal Cycle:	55	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ignore			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 1	0	0 1	0	1	0 0 1	1	0	2 0 1	1	0	1 1 0
Volume Module:												
Base Vol:	542	16	77	47	25	28	20	836	859	79	595	25
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:	542	16	77	47	25	28	20	836	859	79	595	25
Added Vol:	146	0	0	0	0	0	0	90	253	0	82	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	688	16	77	47	25	28	20	926	1112	79	677	25
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.00	0.92	0.92	0.92
PHF Volume:	748	17	84	51	27	30	22	1007	0	86	736	27
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	748	17	84	51	27	30	22	1007	0	86	736	27
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	748	17	84	51	27	30	22	1007	0	86	736	27
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.82	0.97	0.97	0.85	0.95	0.95	1.00	0.91	0.91	0.91
Lanes:	1.95	0.05	1.00	0.65	0.35	1.00	1.00	2.00	1.00	1.00	1.93	0.07
Final Sat.:	3434	80	1567	1200	638	1614	1804	3609	1700	1734	3327	123
Capacity Analysis Module:												
Vol/Sat:	0.22	0.22	0.05	0.04	0.04	0.02	0.01	0.28	0.00	0.05	0.22	0.22
Crit Moves:	****			****			****			****		
Green/Cycle:	0.32	0.32	0.32	0.06	0.06	0.06	0.02	0.41	0.00	0.07	0.46	0.46
Volume/Cap:	0.68	0.68	0.17	0.68	0.68	0.30	0.48	0.68	0.00	0.68	0.48	0.48
Uniform Del:	26.6	26.6	21.9	41.3	41.3	40.3	43.3	21.7	0.0	40.7	16.9	16.9
IncremntDel:	1.7	1.7	0.2	15.2	15.2	1.7	7.9	1.3	0.0	14.0	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Delay/Veh:	28.3	28.3	22.1	56.5	56.5	42.0	51.2	23.0	0.0	54.6	17.2	17.2
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:	28.3	28.3	22.1	56.5	56.5	42.0	51.2	23.0	0.0	54.6	17.2	17.2
LOS by Move:	C	C	C	E	E	D	D	C	A	D	B	B
HCM2kAvgQ:	10	10	2	3	3	1	1	11	0	2	8	8

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

Intersection #2942 La_Fonda_Av/Soquel_Av

Cycle (sec):	100	Critical Vol./Cap.(X):	0.319
Loss Time (sec):	12	Average Delay (sec/veh):	11.0
Optimal Cycle:	32	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Ovl			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	1	0 0	1	0	1 1	0	1	0 1 0
Volume Module:												
Base Vol:	1	1	1	52	0	55	75	701	2	2	467	69
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:	1	1	1	52	0	55	75	701	2	2	467	69
Added Vol:	0	0	0	0	0	25	28	63	0	0	58	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	1	1	52	0	80	103	764	2	2	525	69
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	1	1	1	57	0	87	112	830	2	2	571	75
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	1	1	1	57	0	87	112	830	2	2	571	75
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:	1	1	1	57	0	87	112	830	2	2	571	75
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	1.00	0.83	0.93	0.93	0.93	0.94	0.92	0.92
Lanes:	0.34	0.33	0.33	1.00	0.00	1.00	1.00	1.99	0.01	1.00	1.77	0.23
Final Sat.:	583	583	583	1773	0	1583	1769	3529	9	1787	3104	408
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.03	0.00	0.05	0.06	0.24	0.24	0.00	0.18	0.18
Crit Moves:		****			****			****			****	
Green/Cycle:	0.01	0.01	0.01	0.10	0.00	0.30	0.20	0.77	0.77	0.00	0.58	0.58
Volume/Cap:	0.32	0.32	0.32	0.32	0.00	0.18	0.32	0.31	0.31	0.31	0.32	0.32
Uniform Del:	49.5	49.5	49.5	41.8	0.0	26.1	34.3	3.5	3.5	49.7	11.0	11.0
IncremntDel:	17.2	17.2	17.2	1.0	0.0	0.2	0.5	0.1	0.1	22.8	0.1	0.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delay/Veh:	66.7	66.7	66.7	42.9	0.0	26.2	34.8	3.5	3.5	72.5	11.1	11.1
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:	66.7	66.7	66.7	42.9	0.0	26.2	34.8	3.5	3.5	72.5	11.1	11.1
LOS by Move:	E	E	E	D	A	C	C	A	A	E	B	B
HCM2kAvgQ:	0	0	0	2	0	2	3	4	4	0	5	5

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2943 California_Ave/Bay

Cycle (sec):	1	Critical Vol./Cap.(X):	1.429
Loss Time (sec):	0	Average Delay (sec/veh):	150.3
Optimal Cycle:	0	Level Of Service:	F

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 0 0 1			0 0 0 0 0			0 0 0 1 0			0 1 0 0 0		
Volume Module:PM												
Base Vol:	191	0	36	0	0	0	0	511	142	58	471	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:	191	0	36	0	0	0	0	511	142	58	471	0
Added Vol:	47	0	16	0	0	0	0	102	47	9	112	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	238	0	52	0	0	0	0	613	189	67	583	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	259	0	57	0	0	0	0	666	205	73	634	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	259	0	57	0	0	0	0	666	205	73	634	0
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:	259	0	57	0	0	0	0	666	205	73	634	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.76	0.24	0.10	0.90	0.00
Final Sat.:	458	0	539	0	0	0	0	466	144	61	532	0
Capacity Analysis Module:												
Vol/Sat:	0.57	xxxx	0.10	xxxx	xxxx	xxxx	xxxx	1.43	1.43	1.19	1.19	xxxx
Crit Moves:	****							****		****		
Delay/Veh:	20.3	0.0	10.2	0.0	0.0	0.0	0.0	220	220.1	123.1	123	0.0
Delay 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
AdjDel/Veh:	20.3	0.0	10.2	0.0	0.0	0.0	0.0	220	220.1	123.1	123	0.0
LOS by Move:	C	*	B	*	*	*	*	F	F	F	F	*
ApproachDel:	18.5			xxxxxx			220.1			123.1		
Delay Adj:	1.00			xxxxx			1.00			1.00		
ApprAdjDel:	18.5			xxxxxx			220.1			123.1		
LOS by Appr:	C			*			F			F		
AllWayAvgQ:	1.2	0.0	0.1	0.0	0.0	0.0	35.8	35.8	35.8	18.8	18.8	18.8

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

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

Intersection #2944 California_St/Bay

Average Delay (sec/veh): 194.0 Worst Case Level Of Service: F[1026.8]

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 0	0 0		0 0 1!	0 0		0 1 0	0 0		0 0 0	1 0	
Volume Module:	November 2003											
Base Vol:	0	0	0	212	0	88	128	441	0	0	338	334
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	0	0	212	0	88	128	441	0	0	338	334
Added Vol:	0	0	0	43	0	7	4	106	0	0	91	68
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	255	0	95	132	547	0	0	429	402
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	283	0	106	147	608	0	0	477	447
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	283	0	106	147	608	0	0	477	447
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	6.5	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	4.0	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	1601	1601	700	923	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	116	106	439	740	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	97	83	439	740	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	2.92	0.00	0.24	0.20	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.7	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	11.1	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	125	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	37.0	xxxxx	0.7	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	1027	xxxxx	11.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	F	*	B	*	*	*	*	*
ApproachDel:	xxxxxx			1026.8			xxxxxx			xxxxxx		
ApproachLOS:	*			F			*			*		

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

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

Intersection #2945 California_St/Laurel_St

Cycle (sec):	80	Critical Vol./Cap.(X):	0.883
Loss Time (sec):	9	Average Delay (sec/veh):	28.9
Optimal Cycle:	86	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 0 1	0	1	0 0 1 0
Volume Module:PM Peak Hour												
Base Vol:	35	224	237	23	169	29	11	515	30	110	529	20
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:	35	224	237	23	169	29	11	515	30	110	529	20
Added Vol:	0	0	72	0	0	0	0	258	0	51	190	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	35	224	309	23	169	29	11	773	30	161	719	20
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	38	243	336	25	184	32	12	840	33	175	782	22
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	243	336	25	184	32	12	840	33	175	782	22
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:	38	243	336	25	184	32	12	840	33	175	782	22
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.90	0.84	0.86	0.86	0.86	0.93	0.97	0.97	0.90	0.95	0.95
Lanes:	0.14	0.86	1.00	0.10	0.77	0.13	1.00	0.96	0.04	1.00	0.97	0.03
Final Sat.:	232	1487	1599	170	1247	214	1769	1782	69	1716	1750	49
Capacity Analysis Module:												
Vol/Sat:	0.16	0.16	0.21	0.15	0.15	0.15	0.01	0.47	0.47	0.10	0.45	0.45
Crit Moves:			****					****		****		
Green/Cycle:	0.24	0.24	0.24	0.24	0.24	0.24	0.01	0.53	0.53	0.12	0.64	0.64
Volume/Cap:	0.69	0.69	0.88	0.62	0.62	0.62	0.70	0.88	0.88	0.88	0.70	0.70
Uniform Del:	27.8	27.8	29.4	27.2	27.2	27.2	39.5	16.4	16.4	34.8	9.4	9.4
IncremntDel:	4.9	4.9	20.8	3.0	3.0	3.0	81.4	9.5	9.5	33.9	1.9	1.9
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	32.7	32.7	50.2	30.3	30.3	30.3	120.9	25.9	25.9	68.7	11.3	11.3
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:	32.7	32.7	50.2	30.3	30.3	30.3	120.9	25.9	25.9	68.7	11.3	11.3
LOS by Move:	C	C	D	C	C	C	F	C	C	E	B	B
HCM2kAvgQ:	8	8	11	6	6	6	0	18	18	7	14	14

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

Intersection #2946 Chestnut/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.882
Loss Time (sec):	9	Average Delay (sec/veh):	28.0
Optimal Cycle:	86	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lanes:	0 1	0	0 1	0 1	0	0 1	1 0	1	0 1	1 0	0	1 0
Volume Module: >> Count Date: 30 Sep 2004 << 5:00 - 6:00 PM												
Base Vol:	129	37	70	23	36	44	60	632	70	57	588	25
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:	129	37	70	23	36	44	60	632	70	57	588	25
Added Vol:	12	22	25	3	36	30	43	286	21	22	239	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	141	59	95	26	72	74	103	918	91	79	827	28
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	157	66	106	29	80	82	114	1020	101	88	919	31
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	157	66	106	29	80	82	114	1020	101	88	919	31
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:	157	66	106	29	80	82	114	1020	101	88	919	31
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.62	0.66	0.79	0.86	0.87	0.76	0.93	0.98	0.79	0.93	0.98	0.97
Lanes:	0.72	0.28	1.00	0.27	0.73	1.00	1.00	1.00	1.00	1.00	0.97	0.03
Final Sat.:	846	354	1496	438	1213	1443	1769	1862	1500	1769	1792	61
Capacity Analysis Module:												
Vol/Sat:	0.19	0.19	0.07	0.07	0.07	0.06	0.06	0.55	0.07	0.05	0.51	0.51
Crit Moves:	****							****		****		
Green/Cycle:	0.21	0.21	0.21	0.21	0.21	0.21	0.08	0.62	0.62	0.06	0.60	0.60
Volume/Cap:	0.88	0.88	0.34	0.31	0.31	0.27	0.85	0.88	0.11	0.88	0.85	0.85
Uniform Del:	30.6	30.6	26.9	26.7	26.7	26.5	36.5	12.7	6.2	37.5	13.0	13.0
IncremntDel:	28.2	28.2	0.6	0.5	0.5	0.5	37.7	8.2	0.1	54.2	6.5	6.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	58.9	58.9	27.5	27.2	27.2	27.0	74.3	20.9	6.2	91.7	19.5	19.5
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:	58.9	58.9	27.5	27.2	27.2	27.0	74.3	20.9	6.2	91.7	19.5	19.5
LOS by Move:	E	E	C	C	C	C	E	C	A	F	B	B
HCM2kAvgQ:	8	9	2	2	3	2	5	25	1	5	22	22

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

Intersection #2947 Center/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.864
Loss Time (sec):	9	Average Delay (sec/veh):	22.7
Optimal Cycle:	80	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	1	0	0	1	0	1	0	0	1	0
Volume Module: PM Peak (w/ Cedar St. adjustments)												
Base Vol:	61	78	45	107	59	50	30	588	63	56	521	38
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:	61	78	45	107	59	50	30	588	63	56	521	38
Added Vol:	1	16	16	28	18	0	0	313	2	0	263	20
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	62	94	61	135	77	50	30	901	65	56	784	58
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	67	102	66	147	84	54	33	979	71	61	852	63
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	67	102	66	147	84	54	33	979	71	61	852	63
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:	67	102	66	147	84	54	33	979	71	61	852	63
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.75	0.75	0.83	0.47	0.92	0.92	0.93	0.97	0.97	0.93	0.97	0.97
Lanes:	0.40	0.60	1.00	1.00	0.61	0.39	1.00	0.93	0.07	1.00	0.93	0.07
Final Sat.:	567	859	1583	899	1062	690	1769	1719	124	1769	1716	127
Capacity Analysis Module:												
Vol/Sat:	0.12	0.12	0.04	0.16	0.08	0.08	0.02	0.57	0.57	0.03	0.50	0.50
Crit Moves:				****				****		****		
Green/Cycle:	0.19	0.19	0.19	0.19	0.19	0.19	0.03	0.66	0.66	0.04	0.67	0.67
Volume/Cap:	0.63	0.63	0.22	0.86	0.42	0.42	0.74	0.86	0.86	0.86	0.74	0.74
Uniform Del:	29.9	29.9	27.5	31.5	28.6	28.6	38.7	10.8	10.8	38.2	8.5	8.5
IncremntDel:	4.7	4.7	0.4	34.0	0.9	0.9	48.0	6.7	6.7	62.9	2.4	2.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	34.6	34.6	27.9	65.5	29.4	29.4	86.7	17.5	17.5	101.1	10.8	10.8
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:	34.6	34.6	27.9	65.5	29.4	29.4	86.7	17.5	17.5	101.1	10.8	10.8
LOS by Move:	C	C	C	E	C	C	F	B	B	F	B	B
HCM2kAvgQ:	5	5	2	6	3	3	2	24	24	1	13	13

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

Intersection #2948 Cedar/Laurel

Average Delay (sec/veh): 1.7 Worst Case Level Of Service: D[25.3]

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	0	0	1		0	0	0	0	1		1	0	0	1	0		0	0	0	1	0	
Volume Module:PM Peak (w/ Cedar St. adjustments)																								
Base Vol:	0	0	14	0	0	106	41	808	26	0	586	83												
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	0	14	0	0	106	41	808	26	0	586	83												
Added Vol:	0	0	0	0	0	10	27	330	0	0	273	13												
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0												
Initial Fut:	0	0	14	0	0	116	68	1138	26	0	859	96												
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92												
PHF Volume:	0	0	15	0	0	126	74	1237	28	0	934	104												
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0												
FinalVolume:	0	0	15	0	0	126	74	1237	28	0	934	104												
Critical Gap Module:																								
Critical Gp:	xxxxx	xxxx	6.2	xxxxx	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx												
FollowUpTim:	xxxxx	xxxx	3.3	xxxxx	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx												
Capacity Module:																								
Cnflict Vol:	xxxx	xxxx	1251	xxxx	xxxx	986	1038	xxxx	xxxxx	xxxx	xxxx	xxxxx												
Potent Cap.:	xxxx	xxxx	210	xxxx	xxxx	301	670	xxxx	xxxxx	xxxx	xxxx	xxxxx												
Move Cap.:	xxxx	xxxx	210	xxxx	xxxx	301	670	xxxx	xxxxx	xxxx	xxxx	xxxxx												
Volume/Cap:	xxxx	xxxx	0.07	xxxx	xxxx	0.42	0.11	xxxx	xxxx	xxxx	xxxx	xxxx												
Level Of Service Module:																								
2Way95thQ:	xxxx	xxxx	0.2	xxxx	xxxx	2.0	0.4	xxxx	xxxxx	xxxx	xxxx	xxxxx												
Control Del:	xxxxx	xxxx	23.4	xxxxx	xxxx	25.3	11.0	xxxx	xxxxx	xxxxx	xxxx	xxxxx												
LOS by Move:	*	*	C	*	*	D	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	xxxx	xxxxx												
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx												
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx												
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*												
ApproachDel:	23.4			25.3			xxxxxx			xxxxxx														
ApproachLOS:	C			D			*			*														

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

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

Intersection #2949 Pacific/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.977
Loss Time (sec):	9	Average Delay (sec/veh):	39.8
Optimal Cycle:	140	Level Of Service:	D

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	0	0	1!	0	0	1	0
Volume Module:	PM Peak (w/ Cedar St. adjustments)											
Base Vol:	54	85	40	85	45	27	78	701	39	57	631	74
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:	54	85	40	85	45	27	78	701	39	57	631	74
Added Vol:	2	5	0	7	13	21	69	259	2	1	263	12
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	90	40	92	58	48	147	960	41	58	894	86
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	62	99	44	101	64	53	162	1055	45	64	982	95
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	62	99	44	101	64	53	162	1055	45	64	982	95
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:	62	99	44	101	64	53	162	1055	45	64	982	95
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.76	0.76	0.83	0.60	0.60	0.60	0.93	0.97	0.97	0.93	0.97	0.97
Lanes:	0.38	0.62	1.00	0.47	0.29	0.24	1.00	0.96	0.04	1.00	0.91	0.09
Final Sat.:	556	893	1583	533	336	278	1769	1775	76	1769	1677	161
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.03	0.19	0.19	0.19	0.09	0.59	0.59	0.04	0.59	0.59
Crit Moves:					****		****				****	
Green/Cycle:	0.19	0.19	0.19	0.19	0.19	0.19	0.09	0.65	0.65	0.04	0.60	0.60
Volume/Cap:	0.57	0.57	0.14	0.98	0.98	0.98	0.98	0.91	0.91	0.91	0.98	0.98
Uniform Del:	29.2	29.2	26.7	32.1	32.1	32.1	36.2	11.8	11.8	38.3	15.5	15.5
IncremntDel:	2.8	2.8	0.2	53.5	53.5	53.5	62.9	10.2	10.2	76.5	21.6	21.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	32.0	32.0	26.9	85.6	85.6	85.6	99.1	22.0	22.0	114.8	37.1	37.1
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:	32.0	32.0	26.9	85.6	85.6	85.6	99.1	22.0	22.0	114.8	37.1	37.1
LOS by Move:	C	C	C	F	F	F	F	C	C	F	D	D
HCM2kAvgQ:	4	4	1	10	10	10	5	23	23	2	26	26

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

Intersection #2950 Front/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.936
Loss Time (sec):	12	Average Delay (sec/veh):	38.2
Optimal Cycle:	112	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0 1	0 1		1 0 1	0 1		1 0 1	1 0		1 0 1	0 1	
Volume Module:PM Peak (w/ Cedar St. adjustments)												
Base Vol:	3	144	190	134	255	209	121	653	26	180	512	135
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:	3	144	190	134	255	209	121	653	26	180	512	135
Added Vol:	0	76	25	52	93	26	24	242	0	27	250	47
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	3	220	215	186	348	235	145	895	26	207	762	182
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	3	239	234	202	378	255	158	973	28	225	828	198
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	3	239	234	202	378	255	158	973	28	225	828	198
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:	3	239	234	202	378	255	158	973	28	225	828	198
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.98	0.83	0.93	0.98	0.83	0.93	0.93	0.93	0.93	0.98	0.83
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.94	0.06	1.00	1.00	1.00
Final Sat.:	1769	1862	1583	1769	1862	1583	1769	3424	99	1769	1862	1583
Capacity Analysis Module:												
Vol/Sat:	0.00	0.13	0.15	0.11	0.20	0.16	0.09	0.28	0.28	0.13	0.44	0.12
Crit Moves:			****	****			****				****	
Green/Cycle:	0.00	0.16	0.16	0.12	0.28	0.28	0.10	0.39	0.39	0.18	0.48	0.48
Volume/Cap:	0.73	0.81	0.94	0.94	0.73	0.58	0.94	0.72	0.72	0.72	0.94	0.26
Uniform Del:	39.9	32.6	33.3	34.8	26.2	24.9	36.0	20.5	20.5	31.1	19.9	12.6
IncremntDel:	225.8	15.9	39.8	43.6	5.4	2.0	50.9	1.9	1.9	8.0	16.9	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	265.6	48.4	73.1	78.4	31.6	26.9	86.8	22.4	22.4	39.1	36.8	12.8
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:	265.6	48.4	73.1	78.4	31.6	26.9	86.8	22.4	22.4	39.1	36.8	12.8
LOS by Move:	F	D	E	E	C	C	F	C	C	D	D	B
HCM2kAvgQ:	1	8	10	6	9	5	4	10	10	5	21	3

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

Intersection #2951 Front/Metro_Center

Cycle (sec):	60	Critical Vol./Cap.(X):	0.532
Loss Time (sec):	6	Average Delay (sec/veh):	2.6
Optimal Cycle:	28	Level Of Service:	A

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 0	1	0 0	1! 0	0	0 0	0 0	0
Volume Module: PM Peak (w/ Cedar St. adjustments)												
Base Vol:	13	465	0	0	545	15	13	0	18	0	0	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:	13	465	0	0	545	15	13	0	18	0	0	0
Added Vol:	0	148	0	0	172	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	13	613	0	0	717	15	13	0	18	0	0	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:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PHF Volume:	15	697	0	0	815	17	15	0	20	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	15	697	0	0	815	17	15	0	20	0	0	0
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:	15	697	0	0	815	17	15	0	20	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.30	0.98	1.00	1.00	0.98	0.83	0.45	1.00	0.45	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.00	1.00	0.42	0.00	0.58	0.00	0.00	0.00
Final Sat.:	579	1862	0	0	1862	1583	360	0	498	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.03	0.37	0.00	0.00	0.44	0.01	0.04	0.00	0.04	0.00	0.00	0.00
Crit Moves:					****		****					
Green/Cycle:	0.82	0.82	0.00	0.00	0.82	0.82	0.08	0.00	0.08	0.00	0.00	0.00
Volume/Cap:	0.03	0.45	0.00	0.00	0.53	0.01	0.53	0.00	0.53	0.00	0.00	0.00
Uniform Del:	1.0	1.5	0.0	0.0	1.7	1.0	26.6	0.0	26.6	0.0	0.0	0.0
IncremntDel:	0.0	0.2	0.0	0.0	0.4	0.0	8.1	0.0	8.1	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	1.0	1.7	0.0	0.0	2.0	1.0	34.7	0.0	34.7	0.0	0.0	0.0
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:	1.0	1.7	0.0	0.0	2.0	1.0	34.7	0.0	34.7	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	C	A	C	A	A	A
HCM2kAvgQ:	0	4	0	0	5	0	1	0	1	0	0	0

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

Intersection #2952 Front/Cathcart

Cycle (sec):	85	Critical Vol./Cap.(X):	0.501
Loss Time (sec):	6	Average Delay (sec/veh):	9.2
Optimal Cycle:	27	Level Of Service:	A

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 1	0	1 0	0 0	1	0 0	0 0	0
Volume Module: PM Peak (w/ Cedar St. adjustments)												
Base Vol:	56	426	0	0	592	153	98	0	66	0	0	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:	56	426	0	0	592	153	98	0	66	0	0	0
Added Vol:	57	91	0	0	130	142	86	0	41	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	113	517	0	0	722	295	184	0	107	0	0	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	119	544	0	0	760	311	194	0	113	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	119	544	0	0	760	311	194	0	113	0	0	0
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:	119	544	0	0	760	311	194	0	113	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.25	0.80	1.00	1.00	0.82	0.82	0.95	1.00	0.68	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.42	0.58	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	471	1520	0	0	2207	902	1805	0	1292	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.25	0.36	0.00	0.00	0.34	0.34	0.11	0.00	0.09	0.00	0.00	0.00
Crit Moves:		****					****					
Green/Cycle:	0.72	0.72	0.00	0.00	0.72	0.72	0.21	0.00	0.21	0.00	0.00	0.00
Volume/Cap:	0.35	0.50	0.00	0.00	0.48	0.48	0.50	0.00	0.41	0.00	0.00	0.00
Uniform Del:	4.6	5.4	0.0	0.0	5.3	5.3	29.4	0.0	28.7	0.0	0.0	0.0
IncremntDel:	0.6	0.4	0.0	0.0	0.2	0.2	1.0	0.0	1.0	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	5.3	5.7	0.0	0.0	5.4	5.4	30.4	0.0	29.7	0.0	0.0	0.0
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:	5.3	5.7	0.0	0.0	5.4	5.4	30.4	0.0	29.7	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	C	A	C	A	A	A
HCM2kAvgQ:	1	6	0	0	6	6	5	0	3	0	0	0

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

Intersection #2953 Front/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.828
Loss Time (sec):	9	Average Delay (sec/veh):	33.6
Optimal Cycle:	75	Level Of Service:	C

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0 1	0	1	0 0 1	0	0	1 0	1 0	1	1 0	0 1
Volume Module: >> Count Date: 29 May 2001 << 4:30 - 5:30 PM												
Base Vol:	43	348	173	151	368	52	60	140	39	392	149	75
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:	43	348	173	151	368	52	60	140	39	392	149	75
Added Vol:	0	143	34	32	224	19	5	108	1	47	151	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	491	207	183	592	71	65	248	40	439	300	75
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	48	546	230	203	658	79	72	276	44	488	333	83
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	48	546	230	203	658	79	72	276	44	488	333	83
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:	48	546	230	203	658	79	72	276	44	488	333	83
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.59	0.59	0.59	0.26	0.96	0.96	0.91	0.91	0.91	0.94	0.94	0.82
Lanes:	0.12	1.32	0.56	1.00	0.89	0.11	0.37	1.40	0.23	1.19	0.81	1.00
Final Sat.:	131	1491	629	495	1636	196	635	2421	391	2128	1454	1563
Capacity Analysis Module:												
Vol/Sat:	0.37	0.37	0.37	0.41	0.40	0.40	0.11	0.11	0.11	0.23	0.23	0.05
Crit Moves:				****			****				****	
Green/Cycle:	0.50	0.50	0.50	0.50	0.50	0.50	0.14	0.14	0.14	0.28	0.28	0.28
Volume/Cap:	0.74	0.74	0.74	0.83	0.81	0.81	0.83	0.83	0.83	0.83	0.83	0.19
Uniform Del:	20.0	20.0	20.0	21.6	21.3	21.3	42.0	42.0	42.0	33.9	33.9	27.6
IncremntDel:	2.6	2.6	2.6	20.3	5.6	5.6	11.6	11.6	11.6	5.9	5.9	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	22.7	22.7	22.7	41.9	26.8	26.8	53.5	53.5	53.5	39.8	39.8	27.8
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:	22.7	22.7	22.7	41.9	26.8	26.8	53.5	53.5	53.5	39.8	39.8	27.8
LOS by Move:	C	C	C	D	C	C	D	D	D	D	D	C
HCM2kAvgQ:	11	11	11	8	21	21	9	9	9	14	14	2

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

Intersection #2954 Front/Cooper

Cycle (sec):	50	Critical Vol./Cap.(X):	0.588
Loss Time (sec):	6	Average Delay (sec/veh):	9.7
Optimal Cycle:	30	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 1	0	0 0	1! 0	0	0 0	0 0	0
Volume Module:												
Base Vol:	79	390	0	0	455	53	104	0	116	0	0	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:	79	390	0	0	455	53	104	0	116	0	0	0
Added Vol:	0	121	0	0	225	25	44	0	32	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	511	0	0	680	78	148	0	148	0	0	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	86	555	0	0	739	85	161	0	161	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	86	555	0	0	739	85	161	0	161	0	0	0
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:	86	555	0	0	739	85	161	0	161	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.28	0.98	1.00	1.00	0.92	0.92	0.77	1.00	0.77	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.79	0.21	0.50	0.00	0.50	0.00	0.00	0.00
Final Sat.:	540	1862	0	0	3126	359	733	0	733	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.16	0.30	0.00	0.00	0.24	0.24	0.22	0.00	0.22	0.00	0.00	0.00
Crit Moves:		****					****					
Green/Cycle:	0.51	0.51	0.00	0.00	0.51	0.51	0.37	0.00	0.37	0.00	0.00	0.00
Volume/Cap:	0.31	0.59	0.00	0.00	0.47	0.47	0.59	0.00	0.59	0.00	0.00	0.00
Uniform Del:	7.2	8.7	0.0	0.0	8.0	8.0	12.6	0.0	12.6	0.0	0.0	0.0
IncremntDel:	0.7	1.0	0.0	0.0	0.2	0.2	1.7	0.0	1.7	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	7.9	9.6	0.0	0.0	8.2	8.2	14.3	0.0	14.3	0.0	0.0	0.0
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:	7.9	9.6	0.0	0.0	8.2	8.2	14.3	0.0	14.3	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	B	A	B	A	A	A
HCM2kAvgQ:	1	7	0	0	5	5	5	0	5	0	0	0

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

Intersection #2955 River_S/Soquel

Cycle (sec):	85	Critical Vol./Cap.(X):	0.681
Loss Time (sec):	6	Average Delay (sec/veh):	19.1
Optimal Cycle:	39	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0 0	0	1	0 0	0 1	0	0 2	0 0	0	0 1	1 0
Volume Module:												
Base Vol:	0	0	0	382	0	161	0	429	0	0	422	112
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	0	0	382	0	161	0	429	0	0	422	112
Added Vol:	0	0	0	63	0	0	0	173	0	0	198	66
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	445	0	161	0	602	0	0	620	178
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	494	0	179	0	669	0	0	689	198
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	494	0	179	0	669	0	0	689	198
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:	0	0	0	494	0	179	0	669	0	0	689	198
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.75	1.00	0.67	1.00	0.82	1.00	1.00	0.81	0.81
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	0.00	2.00	0.00	0.00	1.55	0.45
Final Sat.:	0	0	0	1432	0	1266	0	3120	0	0	2392	687
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.35	0.00	0.14	0.00	0.21	0.00	0.00	0.29	0.29
Crit Moves:				****							****	
Green/Cycle:	0.00	0.00	0.00	0.51	0.00	0.51	0.00	0.42	0.00	0.00	0.42	0.42
Volume/Cap:	0.00	0.00	0.00	0.68	0.00	0.28	0.00	0.51	0.00	0.00	0.68	0.68
Uniform Del:	0.0	0.0	0.0	15.8	0.0	12.0	0.0	18.0	0.0	0.0	19.9	19.9
IncremntDel:	0.0	0.0	0.0	2.7	0.0	0.2	0.0	0.3	0.0	0.0	1.5	1.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	18.4	0.0	12.3	0.0	18.4	0.0	0.0	21.4	21.4
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:	0.0	0.0	0.0	18.4	0.0	12.3	0.0	18.4	0.0	0.0	21.4	21.4
LOS by Move:	A	A	A	B	A	B	A	B	A	A	C	C
HCM2kAvgQ:	0	0	0	11	0	3	0	7	0	0	10	10

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

Intersection #2956 Riverside-Dakota/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.422
Loss Time (sec):	6	Average Delay (sec/veh):	7.5
Optimal Cycle:	24	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 1 0	0	1	0 1 0
Volume Module:PM												
Base Vol:	36	17	39	29	2	72	13	725	3	3	426	17
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:	36	17	39	29	2	72	13	725	3	3	426	17
Added Vol:	0	0	0	0	0	0	0	236	0	0	264	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	36	17	39	29	2	72	13	961	3	3	690	17
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	40	19	43	32	2	80	14	1068	3	3	767	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	40	19	43	32	2	80	14	1068	3	3	767	19
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:	40	19	43	32	2	80	14	1068	3	3	767	19
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.81	0.81	0.81	0.81	0.81	0.81	0.89	0.89	0.89	0.88	0.88	0.88
Lanes:	0.39	0.18	0.43	0.28	0.02	0.70	0.02	1.97	0.01	0.01	1.94	0.05
Final Sat.:	599	283	649	432	30	1073	45	3311	10	14	3260	80
Capacity Analysis Module:												
Vol/Sat:	0.07	0.07	0.07	0.07	0.07	0.07	0.32	0.32	0.32	0.24	0.24	0.24
Crit Moves:					****			****				
Green/Cycle:	0.18	0.18	0.18	0.18	0.18	0.18	0.76	0.76	0.76	0.76	0.76	0.76
Volume/Cap:	0.38	0.38	0.38	0.42	0.42	0.42	0.42	0.42	0.42	0.31	0.31	0.31
Uniform Del:	36.3	36.3	36.3	36.6	36.6	36.6	4.1	4.1	4.1	3.7	3.7	3.7
IncremntDel:	0.9	0.9	0.9	1.1	1.1	1.1	0.1	0.1	0.1	0.1	0.1	0.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	37.2	37.2	37.2	37.7	37.7	37.7	4.2	4.2	4.2	3.7	3.7	3.7
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:	37.2	37.2	37.2	37.7	37.7	37.7	4.2	4.2	4.2	3.7	3.7	3.7
LOS by Move:	D	D	D	D	D	D	A	A	A	A	A	A
HCM2kAvgQ:	3	3	3	4	4	4	6	6	6	4	4	4

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

Intersection #2957 Ocean_St/Soquel_Av

Cycle (sec):	110	Critical Vol./Cap.(X):	0.907
Loss Time (sec):	12	Average Delay (sec/veh):	51.4
Optimal Cycle:	119	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	301	469	227	304	382	236	236	413	108	110	244	43
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:	301	469	227	304	382	236	236	413	108	110	244	43
Added Vol:	17	353	60	53	236	33	23	190	21	72	182	43
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	318	822	287	357	618	269	259	603	129	182	426	86
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	342	884	309	384	665	289	278	648	139	196	458	92
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	342	884	309	384	665	289	278	648	139	196	458	92
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:	342	884	309	384	665	289	278	648	139	196	458	92
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	0.83	0.91	0.91	0.82	0.93	0.91	0.91	0.95	0.93	0.93
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.65	0.35	1.00	1.66	0.34
Final Sat.:	1769	3538	1583	1734	3467	1551	1769	2839	607	1804	2927	591
Capacity Analysis Module:												
Vol/Sat:	0.19	0.25	0.19	0.22	0.19	0.19	0.16	0.23	0.23	0.11	0.16	0.16
Crit Moves:		****		****				****		****		
Green/Cycle:	0.26	0.28	0.28	0.24	0.26	0.26	0.19	0.25	0.25	0.12	0.19	0.19
Volume/Cap:	0.74	0.91	0.71	0.91	0.74	0.72	0.85	0.91	0.91	0.91	0.85	0.85
Uniform Del:	37.2	38.5	35.9	40.4	37.4	37.2	43.2	39.9	39.9	47.8	43.3	43.3
IncremntDel:	6.3	11.9	5.3	22.9	3.3	6.3	17.9	13.1	13.1	36.9	9.9	9.9
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	43.6	50.4	41.2	63.2	40.7	43.4	61.1	53.0	53.0	84.7	53.2	53.2
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:	43.6	50.4	41.2	63.2	40.7	43.4	61.1	53.0	53.0	84.7	53.2	53.2
LOS by Move:	D	D	D	E	D	D	E	D	D	F	D	D
HCM2kAvgQ:	11	17	10	16	12	10	12	17	17	10	12	12

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

Intersection #2958 Branciforte/Soquel

Cycle (sec):	60	Critical Vol./Cap.(X):	1.073
Loss Time (sec):	9	Average Delay (sec/veh):	67.6
Optimal Cycle:	200	Level Of Service:	E

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1	0	1	0	0	1	0
Volume Module:PM 1998												
Base Vol:	35	127	64	58	159	87	134	619	76	76	331	34
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:	35	127	64	58	159	87	134	619	76	76	331	34
Added Vol:	21	16	15	0	11	24	20	231	36	25	253	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	143	79	58	170	111	154	850	112	101	584	34
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	62	157	87	64	187	122	169	934	123	111	642	37
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	62	157	87	64	187	122	169	934	123	111	642	37
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:	62	157	87	64	187	122	169	934	123	111	642	37
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.60	0.60	0.60	0.78	0.78	0.67	0.82	0.82	0.82	0.83	0.83	0.83
Lanes:	0.20	0.52	0.28	0.25	0.75	1.00	0.28	1.52	0.20	0.28	1.63	0.09
Final Sat.:	231	590	326	375	1098	1266	430	2372	313	441	2550	148
Capacity Analysis Module:												
Vol/Sat:	0.27	0.27	0.27	0.17	0.17	0.10	0.39	0.39	0.39	0.25	0.25	0.25
Crit Moves:		****						****			****	
Green/Cycle:	0.25	0.25	0.25	0.25	0.25	0.25	0.37	0.37	0.37	0.23	0.23	0.23
Volume/Cap:	1.07	1.07	1.07	0.68	0.68	0.39	1.07	1.07	1.07	1.07	1.07	1.07
Uniform Del:	22.5	22.5	22.5	20.4	20.4	18.8	19.0	19.0	19.0	23.0	23.0	23.0
IncremntDel:	74.0	74.0	74.0	5.3	5.3	0.8	48.5	48.5	48.5	54.5	54.5	54.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	96.6	96.6	96.6	25.7	25.7	19.5	67.5	67.5	67.5	77.4	77.4	77.4
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:	96.6	96.6	96.6	25.7	25.7	19.5	67.5	67.5	67.5	77.4	77.4	77.4
LOS by Move:	F	F	F	C	C	B	E	E	E	E	E	E
HCM2kAvgQ:	13	13	13	6	6	2	23	23	23	16	16	16

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

Intersection #2959 Seabright/Soquel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.937
Loss Time (sec):	12	Average Delay (sec/veh):	42.7
Optimal Cycle:	112	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1 0	0 1	0	0	1! 0	0	1 0	1 1 0	1	0	1 1 0
Volume Module:PM 1998												
Base Vol:	209	18	212	84	86	66	29	946	111	164	477	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:	209	18	212	84	86	66	29	946	111	164	477	0
Added Vol:	8	27	11	6	42	4	3	136	14	15	114	16
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	217	45	223	90	128	70	32	1082	125	179	591	16
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	228	47	235	95	135	74	34	1139	132	188	622	17
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	228	47	235	95	135	74	34	1139	132	188	622	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:	228	47	235	95	135	74	34	1139	132	188	622	17
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.94	0.94	0.83	0.93	0.93	0.93	0.93	0.92	0.92	0.93	0.93	0.93
Lanes:	0.83	0.17	1.00	0.31	0.45	0.24	1.00	1.79	0.21	1.00	1.95	0.05
Final Sat.:	1481	307	1583	554	788	431	1769	3121	361	1769	3431	93
Capacity Analysis Module:												
Vol/Sat:	0.15	0.15	0.15	0.17	0.17	0.17	0.02	0.36	0.36	0.11	0.18	0.18
Crit Moves:		****		****				****		****		
Green/Cycle:	0.16	0.16	0.16	0.18	0.18	0.18	0.05	0.39	0.39	0.11	0.46	0.46
Volume/Cap:	0.94	0.94	0.90	0.94	0.94	0.94	0.40	0.94	0.94	0.94	0.40	0.40
Uniform Del:	33.0	33.0	32.8	32.3	32.3	32.3	37.0	23.5	23.5	35.2	14.5	14.5
IncremntDel:	36.1	36.1	31.2	34.0	34.0	34.0	3.1	12.4	12.4	45.9	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	69.1	69.1	63.9	66.2	66.2	66.2	40.0	35.9	35.9	81.0	14.7	14.7
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:	69.1	69.1	63.9	66.2	66.2	66.2	40.0	35.9	35.9	81.0	14.7	14.7
LOS by Move:	E	E	E	E	E	E	D	D	D	F	B	B
HCM2kAvgQ:	11	11	9	12	12	12	1	21	21	8	6	6

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

Intersection #2960 San_Lorenzo_Blvd/Broadway(Laurel_St.)

Cycle (sec):	80	Critical Vol./Cap.(X):	0.845
Loss Time (sec):	6	Average Delay (sec/veh):	17.6
Optimal Cycle:	66	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	0 1	0	0	0 0 0	0	0	1 0 1	0	0	1 0 0
Volume Module:												
Base Vol:	370	0	33	0	0	0	0	575	426	0	461	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:	370	0	33	0	0	0	0	575	426	0	461	0
Added Vol:	112	0	0	0	0	0	0	246	73	0	211	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	482	0	33	0	0	0	0	821	499	0	672	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	524	0	36	0	0	0	0	892	542	0	730	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	524	0	36	0	0	0	0	892	542	0	730	0
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:	524	0	36	0	0	0	0	892	542	0	730	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	1.00	0.82	1.00	1.00	1.00	1.00	0.98	0.83	1.00	0.96	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00
Final Sat.:	1734	0	1551	0	0	0	0	1862	1583	0	1825	0
Capacity Analysis Module:												
Vol/Sat:	0.30	0.00	0.02	0.00	0.00	0.00	0.00	0.48	0.34	0.00	0.40	0.00
Crit Moves:	****							****				
Green/Cycle:	0.36	0.00	0.36	0.00	0.00	0.00	0.00	0.57	0.93	0.00	0.57	0.00
Volume/Cap:	0.84	0.00	0.06	0.00	0.00	0.00	0.00	0.84	0.37	0.00	0.71	0.00
Uniform Del:	23.6	0.0	16.9	0.0	0.0	0.0	0.0	14.4	0.3	0.0	12.5	0.0
IncremntDel:	10.3	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.2	0.0	2.2	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00
Delay/Veh:	34.0	0.0	16.9	0.0	0.0	0.0	0.0	20.8	0.5	0.0	14.7	0.0
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:	34.0	0.0	16.9	0.0	0.0	0.0	0.0	20.8	0.5	0.0	14.7	0.0
LOS by Move:	C	A	B	A	A	A	A	C	A	A	B	A
HCM2kAvgQ:	15	0	1	0	0	0	0	19	2	0	14	0

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

Intersection #2961 Ocean_St/Broadway

Cycle (sec):	120	Critical Vol./Cap.(X):	1.153
Loss Time (sec):	9	Average Delay (sec/veh):	90.8
Optimal Cycle:	200	Level Of Service:	F

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	1	0 1	0 1	0 1	0	1 0	0 1	0	1 0	0 1	0
Volume Module:PM 2001												
Base Vol:	6	240	78	142	588	168	152	354	38	92	334	67
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:	6	240	78	142	588	168	152	354	38	92	334	67
Added Vol:	6	282	11	88	113	129	96	147	9	10	91	52
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	12	522	89	230	701	297	248	501	47	102	425	119
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	13	567	97	250	762	323	270	545	51	111	462	129
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	13	567	97	250	762	323	270	545	51	111	462	129
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:	13	567	97	250	762	323	270	545	51	111	462	129
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.83	0.82	0.60	0.60	0.60	0.93	0.97	0.97	0.93	0.95	0.95
Lanes:	0.04	1.96	1.00	0.37	1.15	0.48	1.00	0.91	0.09	1.00	0.78	0.22
Final Sat.:	71	3077	1551	427	1300	551	1769	1680	158	1769	1407	394
Capacity Analysis Module:												
Vol/Sat:	0.18	0.18	0.06	0.59	0.59	0.59	0.15	0.32	0.32	0.06	0.33	0.33
Crit Moves:					****		****				****	
Green/Cycle:	0.51	0.51	0.51	0.51	0.51	0.51	0.13	0.35	0.35	0.07	0.28	0.28
Volume/Cap:	0.36	0.36	0.12	1.15	1.15	1.15	1.15	0.93	0.93	0.93	1.15	1.15
Uniform Del:	17.8	17.8	15.5	29.5	29.5	29.5	52.1	37.6	37.6	55.7	42.9	42.9
IncremntDel:	0.1	0.1	0.1	79.1	79.1	79.1	106.5	19.8	19.8	60.1	89.3	89.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	17.9	17.9	15.6	108.6	109	108.6	158.5	57.4	57.4	115.7	132	132.2
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:	17.9	17.9	15.6	108.6	109	108.6	158.5	57.4	57.4	115.7	132	132.2
LOS by Move:	B	B	B	F	F	F	F	E	E	F	F	F
HCM2kAvgQ:	7	7	2	37	37	37	17	25	25	7	35	35

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

Intersection #2962 S_Branciforte/Broadway

Cycle (sec):	60	Critical Vol./Cap.(X):	0.853
Loss Time (sec):	6	Average Delay (sec/veh):	16.7
Optimal Cycle:	62	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:												
Base Vol:	36	45	7	109	64	91	64	544	19	5	336	57
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:	36	45	7	109	64	91	64	544	19	5	336	57
Added Vol:	29	6	2	6	13	13	11	156	36	3	83	18
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	65	51	9	115	77	104	75	700	55	8	419	75
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	72	57	10	128	86	116	83	778	61	9	466	83
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	72	57	10	128	86	116	83	778	61	9	466	83
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:	72	57	10	128	86	116	83	778	61	9	466	83
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.68	0.68	0.68	0.78	0.78	0.78	0.89	0.89	0.89	0.95	0.95	0.95
Lanes:	0.52	0.41	0.07	0.39	0.26	0.35	0.09	0.84	0.07	0.02	0.83	0.15
Final Sat.:	671	526	93	574	385	519	153	1426	112	29	1505	269
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.11	0.22	0.22	0.22	0.55	0.55	0.55	0.31	0.31	0.31
Crit Moves:					****			****				
Green/Cycle:	0.26	0.26	0.26	0.26	0.26	0.26	0.64	0.64	0.64	0.64	0.64	0.64
Volume/Cap:	0.41	0.41	0.41	0.85	0.85	0.85	0.85	0.85	0.85	0.48	0.48	0.48
Uniform Del:	18.4	18.4	18.4	21.1	21.1	21.1	8.6	8.6	8.6	5.7	5.7	5.7
IncremntDel:	0.8	0.8	0.8	16.6	16.6	16.6	6.7	6.7	6.7	0.3	0.3	0.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	19.2	19.2	19.2	37.7	37.7	37.7	15.3	15.3	15.3	6.0	6.0	6.0
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:	19.2	19.2	19.2	37.7	37.7	37.7	15.3	15.3	15.3	6.0	6.0	6.0
LOS by Move:	B	B	B	D	D	D	B	B	B	A	A	A
HCM2kAvgQ:	3	3	3	9	9	9	17	17	17	5	5	5

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

Intersection #2963 Seabright/Broadway

Cycle (sec):	60	Critical Vol./Cap.(X):	0.970
Loss Time (sec):	6	Average Delay (sec/veh):	30.1
Optimal Cycle:	113	Level Of Service:	C

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 0 1	0	0	1! 0 0
Volume Module:												
Base Vol:	115	224	41	10	235	78	141	349	190	40	168	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:	115	224	41	10	235	78	141	349	190	40	168	13
Added Vol:	56	19	10	0	34	35	44	45	64	7	15	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	171	243	51	10	269	113	185	394	254	47	183	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	190	270	57	11	299	126	206	438	282	52	203	14
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	190	270	57	11	299	126	206	438	282	52	203	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:	190	270	57	11	299	126	206	438	282	52	203	14
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.63	0.63	0.63	0.93	0.93	0.93	0.76	0.76	0.83	0.65	0.65	0.65
Lanes:	0.37	0.52	0.11	0.02	0.69	0.29	0.32	0.68	1.00	0.19	0.76	0.05
Final Sat.:	442	629	132	45	1212	509	463	987	1583	240	936	66
Capacity Analysis Module:												
Vol/Sat:	0.43	0.43	0.43	0.25	0.25	0.25	0.44	0.44	0.18	0.22	0.22	0.22
Crit Moves:	****						****					
Green/Cycle:	0.44	0.44	0.44	0.44	0.44	0.44	0.46	0.46	0.46	0.46	0.46	0.46
Volume/Cap:	0.97	0.97	0.97	0.56	0.56	0.56	0.97	0.97	0.39	0.48	0.48	0.48
Uniform Del:	16.3	16.3	16.3	12.4	12.4	12.4	15.9	15.9	10.8	11.3	11.3	11.3
IncremntDel:	31.3	31.3	31.3	0.9	0.9	0.9	27.5	27.5	0.3	0.6	0.6	0.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	47.6	47.6	47.6	13.3	13.3	13.3	43.4	43.4	11.1	11.9	11.9	11.9
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:	47.6	47.6	47.6	13.3	13.3	13.3	43.4	43.4	11.1	11.9	11.9	11.9
LOS by Move:	D	D	D	B	B	B	D	D	B	B	B	B
HCM2kAvgQ:	16	16	16	7	7	7	13	13	3	4	4	4

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2964 Pacific-Center/W_Cliff-Pacific

Cycle (sec):	100	Critical Vol./Cap.(X):	0.691
Loss Time (sec):	0	Average Delay (sec/veh):	15.3
Optimal Cycle:	0	Level Of Service:	C

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			Stop Sign			Stop Sign		
Rights:	Ignore			Ignore			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1 0	0 1		0 1 0	0 1		0 0 1!	0 0		1 0 1	0 1	
Volume Module:February 2002												
Base Vol:	5	77	390	13	112	36	0	0	0	302	95	12
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:	5	77	390	13	112	36	0	0	0	302	95	12
Added Vol:	0	33	61	0	19	1	0	0	0	72	46	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	110	451	13	131	37	0	0	0	374	141	12
User Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.90	0.90	0.00	0.90	0.90	0.00	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	6	122	0	14	146	0	0	0	0	416	157	13
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	6	122	0	14	146	0	0	0	0	416	157	13
PCE Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	6	122	0	14	146	0	0	0	0	416	157	13
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.04	0.96	1.00	0.09	0.91	1.00	0.00	1.00	0.00	1.00	1.00	1.00
Final Sat.:	23	516	601	49	494	608	0	548	0	601	651	744
Capacity Analysis Module:												
Vol/Sat:	0.24	0.24	0.00	0.29	0.29	0.00	xxxx	0.00	xxxx	0.69	0.24	0.02
Crit Moves:	****			****				****		****		
Delay/Veh:	10.9	10.9	0.0	11.4	11.4	0.0	0.0	0.0	0.0	20.4	9.8	7.5
Delay 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
AdjDel/Veh:	10.9	10.9	0.0	11.4	11.4	0.0	0.0	0.0	0.0	20.4	9.8	7.5
LOS by Move:	B	B	*	B	B	*	*	*	*	C	A	A
ApproachDel:	10.9			11.4			xxxxxx			17.3		
Delay Adj:	1.00			1.00			xxxxx			1.00		
ApprAdjDel:	10.9			11.4			xxxxxx			17.3		
LOS by Appr:	B			B			*			C		
AllWayAvgQ:	0.3	0.3	0.0	0.4	0.4	0.0	0.0	0.0	0.0	2.0	0.3	0.0

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

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                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
********************************************************************************
Intersection #2965 W_Cliff/Bay
********************************************************************************
Cycle (sec):           1                Critical Vol./Cap.(X):         0.831
Loss Time (sec):       0                Average Delay (sec/veh):        23.8
Optimal Cycle:         0                Level Of Service:                  C
********************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  1  0  0  0    0  0  1  0  1    1  0  0  0  1    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 5 May 2004 << 5:00 - 6:00 PM
Base Vol:      54  215     0     0  240   267   275    0    48     0    0     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:   54  215     0     0  240   267   275    0    48     0    0     0
Added Vol:      0   16     0     0   30    96    74    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   54  231     0     0  270   363   349    0    48     0    0     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:     0.88 0.88  0.88  0.88 0.88  0.88  0.88 0.88  0.88  0.88 0.88  0.88
PHF Volume:    61  263     0     0  307   413   397    0    55     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   61  263     0     0  307   413   397    0    55     0    0     0
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:   61  263     0     0  307   413   397    0    55     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.19 0.81  0.00  0.00 1.00  1.00  1.00 0.00  1.00  0.00 0.00  0.00
Final Sat.:    98  419     0     0  528   590   477    0   562     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.63 0.63  xxxx  xxxx 0.58  0.70  0.83 xxxx  0.10  xxxx xxxx  xxxx
Crit Moves:       ****                     ****  ****
Delay/Veh:   20.1 20.1   0.0   0.0 18.1  21.1  36.1  0.0   9.6   0.0  0.0   0.0
Delay 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
AdjDel/Veh:  20.1 20.1   0.0   0.0 18.1  21.1  36.1  0.0   9.6   0.0  0.0   0.0
LOS by Move:    C    C     *     *    C     C     E    *     A     *    *     *
ApproachDel:      20.1             19.8             32.9           xxxxxx
Delay Adj:        1.00             1.00             1.00            xxxxx
ApprAdjDel:       20.1             19.8             32.9           xxxxxx
LOS by Appr:         C                C                D                *
AllWayAvgQ:   1.5  1.5   1.5   0.0  1.3   2.0   3.4  0.0   0.1   0.0  0.0   0.0
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2966 Pacific/Beach

Cycle (sec):	1	Critical Vol./Cap.(X):	1.058
Loss Time (sec):	0	Average Delay (sec/veh):	39.9
Optimal Cycle:	0	Level Of Service:	E

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	1	1 0	1	0 1	1 0	1	0 0	1 0	0	0 0	0 0
Volume Module: >> Count Date: 5 May 2004 << 4:30 - 5:30 PM												
Base Vol:	21	103	1	25	69	141	429	241	24	0	0	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:	21	103	1	25	69	141	429	241	24	0	0	0
Added Vol:	0	17	0	37	25	82	82	10	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	21	120	1	62	94	223	511	251	24	0	0	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	23	133	1	69	104	248	568	279	27	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	23	133	1	69	104	248	568	279	27	0	0	0
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:	23	133	1	69	104	248	568	279	27	0	0	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.44	2.54	0.02	1.00	1.00	1.00	1.00	0.91	0.09	0.00	0.00	0.00
Final Sat.:	191	1115	9	451	482	533	537	529	51	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.12	0.12	0.12	0.15	0.22	0.46	1.06	0.53	0.53	xxxx	xxxx	xxxx
Crit Moves:	****					****	****					
Delay/Veh:	12.0	11.7	11.7	12.0	12.1	15.0	80.3	15.4	15.4	0.0	0.0	0.0
Delay 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
AdjDel/Veh:	12.0	11.7	11.7	12.0	12.1	15.0	80.3	15.4	15.4	0.0	0.0	0.0
LOS by Move:	B	B	B	B	B	B	F	C	C	*	*	*
ApproachDel:	11.8			13.8			57.6			xxxxxx		
Delay Adj:	1.00			1.00			1.00			xxxxx		
ApprAdjDel:	11.8			13.8			57.6			xxxxxx		
LOS by Appr:	B			B			F			*		
AllWayAvgQ:	0.1	0.1	0.1	0.2	0.3	0.8	10.6	1.0	1.0	0.0	0.0	0.0

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2967 Cliff/Beach

Cycle (sec):	100	Critical Vol./Cap.(X):	0.560
Loss Time (sec):	0	Average Delay (sec/veh):	13.4
Optimal Cycle:	0	Level Of Service:	B

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			2 0 0 0 0			0 1 1 0 0			0 0 0 0 0		
Volume Module:PM 1997												
Base Vol:	0	0	0	160	0	0	192	280	0	0	0	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	0	0	160	0	0	192	280	0	0	0	0
Added Vol:	0	0	0	26	0	0	37	146	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	186	0	0	229	426	0	0	0	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	207	0	0	254	473	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	207	0	0	254	473	0	0	0	0
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:	0	0	0	207	0	0	254	473	0	0	0	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	2.00	0.00	0.00	0.70	1.30	0.00	0.00	0.00	0.00
Final Sat.:	0	0	0	1037	0	0	454	887	0	0	0	0
Capacity Analysis Module:												
Vol/Sat:	xxxx	xxxx	xxxx	0.20	xxxx	xxxx	0.56	0.53	xxxx	xxxx	xxxx	xxxx
Crit Moves:				****			****					
Delay/Veh:	0.0	0.0	0.0	10.9	0.0	0.0	14.8	13.6	0.0	0.0	0.0	0.0
Delay 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
AdjDel/Veh:	0.0	0.0	0.0	10.9	0.0	0.0	14.8	13.6	0.0	0.0	0.0	0.0
LOS by Move:	*	*	*	B	*	*	B	B	*	*	*	*
ApproachDel:	xxxxxx			10.9			14.1			xxxxxx		
Delay Adj:	xxxxx			1.00			1.00			xxxxx		
ApprAdjDel:	xxxxxx			10.9			14.1			xxxxxx		
LOS by Appr:	*			B			B			*		
AllWayAvgQ:	0.0	0.0	0.0	0.2	0.0	0.0	1.2	1.0	0.0	0.0	0.0	0.0

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

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

Intersection #2968 Riverside/Beach

Cycle (sec):	60	Critical Vol./Cap.(X):	0.169
Loss Time (sec):	6	Average Delay (sec/veh):	7.3
Optimal Cycle:	17	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0 0	0	2	0 0	0 0	0	0 2	0 0	0	0 0	0 0
Volume Module:												
Base Vol:	0	0	0	40	0	0	0	167	0	0	0	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	0	0	40	0	0	0	167	0	0	0	0
Added Vol:	0	0	0	56	0	0	0	172	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	96	0	0	0	339	0	0	0	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	107	0	0	0	377	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	107	0	0	0	377	0	0	0	0
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:	0	0	0	107	0	0	0	377	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.62	1.00	1.00	1.00	0.93	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00
Final Sat.:	0	0	0	2355	0	0	0	3538	0	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00
Crit Moves:				****				****				
Green/Cycle:	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.63	0.00	0.00	0.00	0.00
Volume/Cap:	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00
Uniform Del:	0.0	0.0	0.0	16.8	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
IncremntDel:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	0.0	16.9	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
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:	0.0	0.0	0.0	16.9	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
LOS by Move:	A	A	A	B	A	A	A	A	A	A	A	A
HCM2kAvgQ:	0	0	0	1	0	0	0	2	0	0	0	0

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2969 Riverside/Second-Leibrandt

Cycle (sec):	100	Critical Vol./Cap.(X):	0.156
Loss Time (sec):	0	Average Delay (sec/veh):	7.8
Optimal Cycle:	0	Level Of Service:	A

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			0 1 1 0 1			0 0 0 0 1			0 1 0 0 0		
Volume Module:												
Base Vol:	0	0	0	24	108	78	0	0	5	2	1	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	0	0	24	108	78	0	0	5	2	1	0
Added Vol:	0	0	0	23	56	39	0	0	0	0	7	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	47	164	117	0	0	5	2	8	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	52	182	130	0	0	6	2	9	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	52	182	130	0	0	6	2	9	0
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:	0	0	0	52	182	130	0	0	6	2	9	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	0.45	1.55	1.00	0.00	0.00	1.00	0.20	0.80	0.00
Final Sat.:	0	0	0	334	1202	927	0	0	841	147	586	0
Capacity Analysis Module:												
Vol/Sat:	xxxx	xxxx	xxxx	0.16	0.15	0.14	xxxx	xxxx	0.01	0.02	0.02	xxxx
Crit Moves:				****					****	****		
Delay/Veh:	0.0	0.0	0.0	8.4	8.2	7.2	0.0	0.0	7.1	7.8	7.8	0.0
Delay 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
AdjDel/Veh:	0.0	0.0	0.0	8.4	8.2	7.2	0.0	0.0	7.1	7.8	7.8	0.0
LOS by Move:	*	*	*	A	A	A	*	*	A	A	A	*
ApproachDel:	xxxxxx			7.9			7.1			7.8		
Delay Adj:	xxxxx			1.00			1.00			1.00		
ApprAdjDel:	xxxxxx			7.9			7.1			7.8		
LOS by Appr:	*			A			A			A		
AllWayAvgQ:	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Intersection #2970 Riverside/3rd_St

Cycle (sec):	95	Critical Vol./Cap.(X):	0.948
Loss Time (sec):	9	Average Delay (sec/veh):	47.8
Optimal Cycle:	131	Level Of Service:	D

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	0	0	1	1	0	1	0	0	0	1	0	1	0	1	1
Volume Module:PM 1998												
Base Vol:	0	0	0	0	557	231	410	0	174	123	20	573
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	0	0	0	557	231	410	0	174	123	20	573
Added Vol:	0	0	0	0	74	36	21	0	3	0	3	226
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	631	267	431	0	177	123	23	799
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	0	701	297	479	0	197	137	26	888
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	701	297	479	0	197	137	26	888
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:	0	0	0	0	701	297	479	0	197	137	26	888
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	1.00	0.89	0.89	0.94	1.00	0.84	0.79	0.79	0.79
Lanes:	0.00	0.00	0.00	0.00	1.41	0.59	1.00	0.00	1.00	0.84	0.16	2.00
Final Sat.:	0	0	0	0	2374	1005	1787	0	1599	1267	237	3009
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.00	0.30	0.30	0.27	0.00	0.12	0.11	0.11	0.30
Crit Moves:					****		****					****
Green/Cycle:	0.00	0.00	0.00	0.00	0.31	0.31	0.28	0.00	0.28	0.31	0.31	0.31
Volume/Cap:	0.00	0.00	0.00	0.00	0.95	0.95	0.95	0.00	0.44	0.35	0.35	0.95
Uniform Del:	0.0	0.0	0.0	0.0	32.0	32.0	33.4	0.0	27.9	25.3	25.3	32.0
IncremntDel:	0.0	0.0	0.0	0.0	16.7	16.7	27.5	0.0	0.7	0.1	0.1	16.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	0.0	48.7	48.7	60.9	0.0	28.5	25.3	25.3	48.1
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:	0.0	0.0	0.0	0.0	48.7	48.7	60.9	0.0	28.5	25.3	25.3	48.1
LOS by Move:	A	A	A	A	D	D	E	A	C	C	C	D
HCM2kAvgQ:	0	0	0	0	16	16	19	0	5	4	4	18

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

Intersection #2971 Riverside/San_Lorenzo_Blvd

Cycle (sec):	95	Critical Vol./Cap.(X):	0.879
Loss Time (sec):	12	Average Delay (sec/veh):	35.8
Optimal Cycle:	98	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Split Phase			Split Phase		
Rights:	Ovl			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	1	0	1	0	0	1	1	0	1	1	0	0	0
Volume Module:												
Base Vol:	57	0	434	30	135	44	0	417	9	196	329	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:	57	0	434	30	135	44	0	417	9	196	329	0
Added Vol:	2	0	245	1	50	11	0	62	11	49	99	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	59	0	679	31	185	55	0	479	20	245	428	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	64	0	738	34	201	60	0	521	22	266	465	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	64	0	738	34	201	60	0	521	22	266	465	0
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:	64	0	738	34	201	60	0	521	22	266	465	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.85	1.00	0.85	0.89	0.89	0.89	1.00	0.92	0.92	0.95	0.95	1.00
Lanes:	0.15	0.00	1.85	0.23	1.36	0.41	0.00	1.92	0.08	1.00	1.00	0.00
Final Sat.:	239	0	2990	386	2305	685	0	3342	140	1810	1810	0
Capacity Analysis Module:												
Vol/Sat:	0.27	0.00	0.25	0.09	0.09	0.09	0.00	0.16	0.16	0.15	0.26	0.00
Crit Moves:	****			****			****			****		
Green/Cycle:	0.31	0.00	0.60	0.10	0.10	0.10	0.00	0.18	0.18	0.29	0.29	0.00
Volume/Cap:	0.88	0.00	0.41	0.88	0.88	0.88	0.00	0.88	0.88	0.50	0.88	0.00
Uniform Del:	31.3	0.0	10.2	42.2	42.2	42.2	0.0	38.1	38.1	27.9	32.0	0.0
IncremntDel:	9.8	0.0	0.1	22.4	22.4	22.4	0.0	13.7	13.7	0.3	10.6	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	41.2	0.0	10.4	64.6	64.6	64.6	0.0	51.8	51.8	28.2	42.7	0.0
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:	41.2	0.0	10.4	64.6	64.6	64.6	0.0	51.8	51.8	28.2	42.7	0.0
LOS by Move:	D	A	B	E	E	E	A	D	D	C	D	A
HCM2kAvgQ:	13	0	6	7	7	7	0	11	11	6	12	0

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

Intersection #2972 Ocean_St/E_Cliff_Dr

Cycle (sec):	95	Critical Vol./Cap.(X):	1.168
Loss Time (sec):	9	Average Delay (sec/veh):	113.9
Optimal Cycle:	200	Level Of Service:	F

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	0	0	1! 0	0	2	0	1	0	1
Volume Module:4:30 - 5:30 PM												
Base Vol:	0	0	0	567	0	55	280	780	0	0	489	119
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	0	0	567	0	55	280	780	0	0	489	119
Added Vol:	0	0	0	28	0	36	238	69	0	0	112	37
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	595	0	91	518	849	0	0	601	156
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	0	0	0	647	0	99	563	923	0	0	653	170
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	647	0	99	563	923	0	0	653	170
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:	0	0	0	647	0	99	563	923	0	0	653	170
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.72	1.00	0.71	0.90	0.98	1.00	1.00	1.00	0.81
Lanes:	0.00	0.00	0.00	0.87	0.00	0.13	2.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1178	0	180	3432	1862	0	0	1900	1544
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.55	0.00	0.55	0.16	0.50	0.00	0.00	0.34	0.11
Crit Moves:				****			****				****	
Green/Cycle:	0.00	0.00	0.00	0.47	0.00	0.47	0.14	0.43	0.00	0.00	0.29	0.29
Volume/Cap:	0.00	0.00	0.00	1.17	0.00	1.17	1.17	1.14	0.00	0.00	1.17	0.37
Uniform Del:	0.0	0.0	0.0	25.2	0.0	25.2	40.8	26.8	0.0	0.0	33.5	26.6
IncremntDel:	0.0	0.0	0.0	91.6	0.0	91.6	95.9	77.4	0.0	0.0	93.5	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	116.7	0.0	116.7	136.7	104	0.0	0.0	127	27.1
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:	0.0	0.0	0.0	116.7	0.0	116.7	136.7	104	0.0	0.0	127	27.1
LOS by Move:	A	A	A	F	A	F	F	F	A	A	F	C
HCM2kAvgQ:	0	0	0	38	0	38	14	40	0	0	34	4

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

Intersection #2973 Seabright/Murray

Cycle (sec):	100	Critical Vol./Cap.(X):	1.013
Loss Time (sec):	12	Average Delay (sec/veh):	62.7
Optimal Cycle:	200	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ignore			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	0 1	1 0	0	1 0
Volume Module:PM 1998												
Base Vol:	49	101	80	68	321	46	70	542	48	95	621	52
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:	49	101	80	68	321	46	70	542	48	95	621	52
Added Vol:	4	0	0	41	0	54	19	77	2	0	93	25
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	101	80	109	321	100	89	619	50	95	714	77
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.00	0.92	0.92	0.92
PHF Volume:	58	110	87	118	349	109	97	673	0	103	776	84
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	110	87	118	349	109	97	673	0	103	776	84
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	58	110	87	118	349	109	97	673	0	103	776	84
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.92	0.92	0.93	0.94	0.94	0.93	0.98	1.00	0.93	0.97	0.97
Lanes:	1.00	0.56	0.44	1.00	0.76	0.24	1.00	1.00	1.00	1.00	0.90	0.10
Final Sat.:	1769	970	769	1769	1369	426	1769	1862	1900	1769	1656	179
Capacity Analysis Module:												
Vol/Sat:	0.03	0.11	0.11	0.07	0.25	0.25	0.05	0.36	0.00	0.06	0.47	0.47
Crit Moves:		****				****	****				****	
Green/Cycle:	0.11	0.11	0.11	0.25	0.25	0.25	0.05	0.44	0.00	0.07	0.46	0.46
Volume/Cap:	0.29	1.01	1.01	0.27	1.01	1.01	1.01	0.81	0.00	0.81	1.01	1.01
Uniform Del:	40.8	44.4	44.4	30.0	37.4	37.4	47.3	24.1	0.0	45.7	26.9	26.9
IncremntDel:	0.8	68.0	68.0	0.3	45.7	45.7	95.7	6.1	0.0	31.3	34.2	34.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Delay/Veh:	41.6	112	112.4	30.3	83.1	83.1	143.0	30.3	0.0	77.0	61.1	61.1
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:	41.6	112	112.4	30.3	83.1	83.1	143.0	30.3	0.0	77.0	61.1	61.1
LOS by Move:	D	F	F	C	F	F	F	C	A	E	E	E
HCM2kAvgQ:	2	11	11	3	21	21	6	20	0	5	35	35

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2974 Swift/Delaware

Cycle (sec):	1	Critical Vol./Cap.(X):	2.251
Loss Time (sec):	0	Average Delay (sec/veh):	241.6
Optimal Cycle:	0	Level Of Service:	F

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:4:30 - 5:30 PM												
Base Vol:	5	110	18	49	125	62	115	125	12	19	50	31
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:	5	110	18	49	125	62	115	125	12	19	50	31
Added Vol:	0	44	17	8	73	113	255	282	0	34	189	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	154	35	57	198	175	370	407	12	53	239	36
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:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PHF Volume:	6	176	40	65	226	200	423	465	14	61	273	41
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	6	176	40	65	226	200	423	465	14	61	273	41
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:	6	176	40	65	226	200	423	465	14	61	273	41
Saturation Flow Module:												
Adjustment:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Lanes:	0.03	0.79	0.18	0.13	0.46	0.41	0.47	0.52	0.01	0.16	0.73	0.11
Final Sat.:	9	282	64	55	192	170	188	207	6	63	284	43
Capacity Analysis Module:												
Vol/Sat:	0.63	0.63	0.63	1.18	1.18	1.18	2.25	2.25	2.25	0.96	0.96	0.96
Crit Moves:			****		****			****				****
Delay/Veh:	21.3	21.3	21.3	79.4	79.4	79.4	467.7	468	467.7	41.0	41.0	41.0
Delay 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
AdjDel/Veh:	21.3	21.3	21.3	79.4	79.4	79.4	467.7	468	467.7	41.0	41.0	41.0
LOS by Move:	C	C	C	F	F	F	F	F	F	E	E	E
ApproachDel:	21.3			79.4			467.7			41.0		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	21.3			79.4			467.7			41.0		
LOS by Appr:	C			F			F			E		
AllWayAvgQ:	1.1	1.1	1.1	9.0	9.0	9.0	57.8	57.8	57.8	3.7	3.7	3.7

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

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

Intersection #2975 Seventh/Soquel

Cycle (sec):	90	Critical Vol./Cap.(X):	0.817
Loss Time (sec):	9	Average Delay (sec/veh):	26.5
Optimal Cycle:	70	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	0 1	0	0	0 0	0	0	1 1 0	1 0	2	0 0
Volume Module: >> Count Date: 17 Dec 2009 << 4:15-5:15 pm												
Base Vol:	66	0	302	0	0	0	0	950	52	346	786	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:	66	0	302	0	0	0	0	950	52	346	786	0
Added Vol:	4	0	53	0	0	0	0	51	2	26	28	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	70	0	355	0	0	0	0	1001	54	372	814	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:	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 Volume:	70	0	355	0	0	0	0	1001	54	372	814	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	70	0	355	0	0	0	0	1001	54	372	814	0
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:	70	0	355	0	0	0	0	1001	54	372	814	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	1.00	0.83	1.00	1.00	1.00	1.00	0.92	0.92	0.93	0.93	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.90	0.10	1.00	2.00	0.00
Final Sat.:	1769	0	1583	0	0	0	0	3330	180	1769	3538	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.00	0.22	0.00	0.00	0.00	0.00	0.30	0.30	0.21	0.23	0.00
Crit Moves:			****					****		****		
Green/Cycle:	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.37	0.37	0.26	0.63	0.00
Volume/Cap:	0.14	0.00	0.82	0.00	0.00	0.00	0.00	0.82	0.82	0.82	0.37	0.00
Uniform Del:	24.7	0.0	30.5	0.0	0.0	0.0	0.0	25.7	25.7	31.4	8.2	0.0
IncremntDel:	0.1	0.0	11.5	0.0	0.0	0.0	0.0	4.2	4.2	11.0	0.1	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	24.8	0.0	42.0	0.0	0.0	0.0	0.0	29.9	29.9	42.4	8.3	0.0
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:	24.8	0.0	42.0	0.0	0.0	0.0	0.0	29.9	29.9	42.4	8.3	0.0
LOS by Move:	C	A	D	A	A	A	A	C	C	D	A	A
HCM2kAvgQ:	1	0	12	0	0	0	0	16	16	12	6	0

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

Intersection #2976 Seventh/Capitola

Cycle (sec):	90	Critical Vol./Cap.(X):	0.708
Loss Time (sec):	12	Average Delay (sec/veh):	27.8
Optimal Cycle:	59	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	1	1 0	0 1	0	1 0	2 0	1	1 0	1 1	0
Volume Module: >> Count Date: 17 Dec 2009 << 4:15-5:15 pm												
Base Vol:	231	171	62	96	201	33	32	766	280	90	487	92
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:	231	171	62	96	201	33	32	766	280	90	487	92
Added Vol:	29	42	2	5	26	0	0	190	65	2	105	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	260	213	64	101	227	33	32	956	345	92	592	95
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:	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 Volume:	260	213	64	101	227	33	32	956	345	92	592	95
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	260	213	64	101	227	33	32	956	345	92	592	95
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:	260	213	64	101	227	33	32	956	345	92	592	95
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.82	0.94	0.97	0.97	0.92	0.92	0.82	0.94	0.92	0.92
Lanes:	1.00	1.00	1.00	1.00	0.87	0.13	1.00	2.00	1.00	1.00	1.72	0.28
Final Sat.:	1751	1843	1567	1787	1611	234	1751	3502	1567	1787	3014	484
Capacity Analysis Module:												
Vol/Sat:	0.15	0.12	0.04	0.06	0.14	0.14	0.02	0.27	0.22	0.05	0.20	0.20
Crit Moves:	****				****			****			****	
Green/Cycle:	0.21	0.27	0.27	0.13	0.20	0.20	0.04	0.39	0.39	0.07	0.42	0.42
Volume/Cap:	0.71	0.42	0.15	0.42	0.71	0.71	0.47	0.71	0.57	0.71	0.47	0.47
Uniform Del:	33.0	26.8	24.7	35.8	33.6	33.6	42.3	23.4	21.8	40.8	18.9	18.9
IncremntDel:	6.3	0.6	0.2	1.2	6.3	6.3	5.0	1.8	1.3	16.5	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	39.3	27.4	24.9	36.9	39.9	39.9	47.3	25.1	23.1	57.3	19.1	19.1
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:	39.3	27.4	24.9	36.9	39.9	39.9	47.3	25.1	23.1	57.3	19.1	19.1
LOS by Move:	D	C	C	D	D	D	D	C	C	E	B	B
HCM2kAvgQ:	8	5	1	3	8	8	2	13	8	3	7	7

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2977 Seventh/Brommer

Cycle (sec):	100	Critical Vol./Cap.(X):	0.917
Loss Time (sec):	0	Average Delay (sec/veh):	32.3
Optimal Cycle:	0	Level Of Service:	D

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 1	0	0 1
Volume Module: >> Count Date: 17 Dec 2009 <<												
Base Vol:	12	249	208	159	277	7	10	7	17	189	5	85
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:	12	249	208	159	277	7	10	7	17	189	5	85
Added Vol:	0	39	20	65	22	7	12	5	0	12	3	23
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	12	288	228	224	299	14	22	12	17	201	8	108
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:	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 Volume:	12	288	228	224	299	14	22	12	17	201	8	108
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	288	228	224	299	14	22	12	17	201	8	108
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:	12	288	228	224	299	14	22	12	17	201	8	108
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.02	0.55	0.43	0.42	0.56	0.02	0.43	0.24	0.33	0.96	0.04	1.00
Final Sat.:	14	332	263	244	326	15	185	101	143	423	17	514
Capacity Analysis Module:												
Vol/Sat:	0.87	0.87	0.87	0.92	0.92	0.92	0.12	0.12	0.12	0.48	0.48	0.21
Crit Moves:			****		****				****		****	
Delay/Veh:	34.0	34.0	34.0	42.9	42.9	42.9	11.7	11.7	11.7	17.0	17.0	11.1
Delay 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
AdjDel/Veh:	34.0	34.0	34.0	42.9	42.9	42.9	11.7	11.7	11.7	17.0	17.0	11.1
LOS by Move:	D	D	D	E	E	E	B	B	B	C	C	B
ApproachDel:	34.0			42.9			11.7			15.0		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	34.0			42.9			11.7			15.0		
LOS by Appr:	D			E			B			B		
AllWayAvgQ:	4.3	4.3	4.3	5.5	5.5	5.5	0.1	0.1	0.1	0.8	0.8	0.2

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

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                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
********************************************************************************
Intersection #2978 Seventh/Eaton
********************************************************************************
Cycle (sec):          90                Critical Vol./Cap.(X):         0.904
Loss Time (sec):       9                Average Delay (sec/veh):        42.9
Optimal Cycle:       100                Level Of Service:                D
********************************************************************************
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Split Phase      Split Phase        Permitted        Permitted
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  0  1  0    0  1  0  0  1    0  1  0  0  1    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 17 Dec 2009 << 4:30-5:30 pm
Base Vol:     404  128     4    25  119   313   364    7   528     2   13    12
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:  404  128     4    25  119   313   364    7   528     2   13    12
Added Vol:     35   22     0     5   15    26    34   19    28     0   35    10
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  439  150     4    30  134   339   398   26   556     2   48    22
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:     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 Volume:   439  150     4    30  134   339   398   26   556     2   48    22
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  439  150     4    30  134   339   398   26   556     2   48    22
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:  439  150     4    30  134   339   398   26   556     2   48    22
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 0.98  0.98  0.97 0.97  0.83  0.68 0.68  0.83  0.93 0.93  0.93
Lanes:       1.00 0.97  0.03  0.18 0.82  1.00  0.94 0.06  1.00  0.03 0.67  0.30
Final Sat.:  1769 1806    48   338 1508  1583  1209   79  1583    49 1181   541
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.25 0.08  0.08  0.09 0.09  0.21  0.33 0.33  0.35  0.04 0.04  0.04
Crit Moves:  ****                          ****               ****
Green/Cycle: 0.27 0.27  0.27  0.24 0.24  0.24  0.39 0.39  0.39  0.39 0.39  0.39
Volume/Cap:  0.90 0.30  0.30  0.38 0.38  0.90  0.85 0.85  0.90  0.10 0.10  0.10
Uniform Del: 31.5 25.8  25.8  28.8 28.8  33.3  25.1 25.1  25.9  17.5 17.5  17.5
IncremntDel: 20.2  0.3   0.3   0.5  0.5  24.4  12.7 12.7  16.8   0.1  0.1   0.1
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   51.7 26.2  26.2  29.3 29.3  57.8  37.8 37.8  42.7  17.6 17.6  17.6
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:  51.7 26.2  26.2  29.3 29.3  57.8  37.8 37.8  42.7  17.6 17.6  17.6
LOS by Move:    D    C     C     C    C     E     D    D     D     B    B     B
HCM2kAvgQ:     16    3     3     4    4    13    14   14    19     1    1     1
********************************************************************************

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2979 Seventh/E_Cliff

Cycle (sec):	100	Critical Vol./Cap.(X):	0.711
Loss Time (sec):	0	Average Delay (sec/veh):	16.8
Optimal Cycle:	0	Level Of Service:	C

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			Stop Sign			Stop Sign		
Rights:	Ignore			Include			Include			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 1 0			1 0 1 0 0			0 0 0 0 0			1 0 0 0 1		
Volume Module: >> Count Date: 17 Dec 2009 <<												
Base Vol:	0	103	201	468	20	0	0	0	0	26	0	465
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	103	201	468	20	0	0	0	0	26	0	465
Added Vol:	0	17	2	21	4	0	0	0	0	3	0	13
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	120	203	489	24	0	0	0	0	29	0	478
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	120	0	489	24	0	0	0	0	29	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	120	0	489	24	0	0	0	0	29	0	0
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	0	120	0	489	24	0	0	0	0	29	0	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Final Sat.:	0	709	0	688	760	0	0	0	0	511	0	612
Capacity Analysis Module:												
Vol/Sat:	xxxx	0.17	xxxx	0.71	0.03	xxxx	xxxx	xxxx	xxxx	0.06	xxxx	0.00
Crit Moves:		****		****						****		
Delay/Veh:	0.0	9.0	0.0	19.6	7.6	0.0	0.0	0.0	0.0	9.6	0.0	0.0
Delay 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
AdjDel/Veh:	0.0	9.0	0.0	19.6	7.6	0.0	0.0	0.0	0.0	9.6	0.0	0.0
LOS by Move:	*	A	*	C	A	*	*	*	*	A	*	*
ApproachDel:		9.0			19.0			xxxxxx			9.6	
Delay Adj:		1.00			1.00			xxxxx			1.00	
ApprAdjDel:		9.0			19.0			xxxxxx			9.6	
LOS by Appr:		A			C			*			A	
AllWayAvgQ:	0.2	0.2	0.2	2.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

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

Scenario Report

Scenario:	PM GPBO+UCSC
Command:	Default Command
Volume:	Existing PM
Geometry:	Existing
Impact Fee:	Default Impact Fee
Trip Generation:	PM Peak Hour
Trip Distribution:	General
Paths:	Existing
Routes:	Default Route
Configuration:	Default Configuration

Impact Analysis Report
Level Of Service

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2901 Western_Dr/High_St	D	34.9	0.442	F	227.7	1.062	+192.790 D/
#2902 Bay-Coolidge/High	C	33.6	0.901	F	103.3	1.264	+69.741 D/V
#2903 High/Moore	A	4.8	0.499	A	5.3	0.663	+ 0.528 D/V
#2904 High/Laurent	F	53.4	1.045	F	196.3	1.531	+ 0.486 V/C
#2905 River/Potrero	B	17.8	0.570	B	19.7	0.753	+ 1.974 D/V
#2906 River-Hwy_9/Hwy_1	E	75.4	0.874	F	244.5	1.555	+169.071 D/
#2907 River/Fern	B	13.8	0.444	F	OVRFL	1.259	+ +Inf D/V
#2908 River/Encinal	E	61.4	1.038	F	202.7	1.728	+141.260 D/
#2909 Ocean-Hwy_17/Plymouth-Ocean_Ex	C	31.4	0.651	D	36.9	0.853	+ 5.440 D/V
#2910 Market/Goss-Isbel	B	12.6	0.538	C	16.8	0.704	+ 0.166 V/C
#2911 N.Branciforte/Goss	B	14.5	0.617	C	18.9	0.728	+ 0.111 V/C
#2912 Morrissey_Blvd/Fairmount_Av	A	8.0	0.469	B	10.3	0.559	+ 2.325 D/V
#2913 Bay/Nobel-Iowa	B	11.5	0.498	B	13.0	0.652	+ 1.496 D/V
#2914 Bay_St/Escalona_Dr	F	739.8	1.937	F	OVRFL	2.193	+ 1.8E+0308
#2915 Bay_St/King_St	B	13.0	0.786	D	53.4	1.295	+40.415 D/V
#2916 King_St/Laurel_St	B	14.8	0.702	F	55.6	1.121	+ 0.419 V/C
#2917 Storey/King	B	14.5	0.593	F	93.2	1.294	+ 0.701 V/C
#2918 Shaffer/Highway_1	B	12.5	0.219	C	18.9	0.485	+ 6.354 D/V
#2919 Western/Highway_1	B	14.5	0.554	C	24.6	0.845	+10.090 D/V
#2920 Swift/Mission	B	15.6	0.529	E	72.2	1.142	+56.691 D/V
#2921 Miramar/Mission	B	17.0	0.624	D	41.7	1.045	+24.668 D/V
#2922 Almar-Younglove/Mission	B	10.0	0.364	C	25.2	0.889	+15.167 D/V
#2923 Bay/Mission	D	46.8	0.882	F	225.7	1.515	+178.871 D/
#2924 Laurel/Mission	C	23.9	0.688	F	119.1	1.315	+95.250 D/V
#2925 Mission/Walnut	B	15.1	0.526	D	52.5	1.051	+37.394 D/V

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Intersection	Base LOS	Del/ Veh	V/ C	Future LOS	Del/ Veh	V/ C	Change in
#2926 King/Mission	C	30.5	0.795	F	155.4	1.313	+124.907 D/
#2927 Chestnut/Mission	D	40.7	0.837	F	164.8	1.380	+124.038 D/
#2928 N_Pacific/River	B	10.9	0.507	B	14.3	0.809	+ 3.487 D/V
#2929 Center/Mission	C	30.8	0.804	C	22.3	0.753	-8.559 D/V
#2930 Pacific/Water-Mission	B	19.9	0.455	C	24.8	0.742	+ 4.861 D/V
#2931 River/Water	C	29.2	0.693	D	49.4	0.992	+20.221 D/V
#2932 Ocean/Washburn-Keenan	A	4.3	0.571	B	13.3	0.785	+ 9.040 D/V
#2933 Ocean/Water	E	67.9	1.050	F	172.7	1.464	+104.805 D/
#2934 Market/Water	C	21.9	0.727	C	34.2	0.942	+12.339 D/V
#2935 N_Branciforte/Water	D	35.6	0.808	E	76.1	1.129	+40.517 D/V
#2936 Seabright/Water	F	84.0	0.497	F	OVRFL	3.234	+1348.311 D
#2937 Morrissey/Soquel/Water	C	25.8	0.811	D	43.2	1.002	+17.367 D/V
#2938 Frederick/Soquel	C	27.4	0.885	E	55.7	1.090	+28.303 D/V
#2939 Hagemann-Trevethan/Soquel	A	8.2	0.667	B	11.4	0.821	+ 3.229 D/V
#2940 Park/Soquel	B	11.1	0.820	C	20.6	0.977	+ 9.530 D/V
#2941 Capitola_Rd/Soquel_Av	C	23.5	0.596	C	25.4	0.684	+ 1.846 D/V
#2942 La_Fonda_Av/Soquel_Av	B	10.4	0.280	B	10.8	0.315	+ 0.397 D/V
#2943 California_Ave/Bay	F	60.0	1.100	F	188.5	1.567	+ 0.467 V/C
#2944 California_St/Bay	F	389.4	1.614	F	OVRFL	3.540	+936.660 D/
#2945 California_St/Laurel_St	C	20.0	0.621	C	33.5	0.937	+13.499 D/V
#2946 Chestnut/Laurel	B	16.9	0.628	C	31.9	0.926	+15.027 D/V
#2947 Center/Laurel	B	15.6	0.606	C	25.3	0.907	+ 9.619 D/V
#2948 Cedar/Laurel	C	16.1	0.256	D	27.3	0.443	+11.281 D/V
#2949 Pacific/Laurel	B	18.5	0.696	D	46.0	1.002	+27.489 D/V
#2950 Front/Laurel	C	26.1	0.689	D	41.8	0.977	+15.691 D/V
#2951 Front/Metro_Center	A	2.7	0.415	A	2.6	0.528	-0.055 D/V

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2952 Front/Cathcart	A	6.5	0.379	A	9.0	0.496	+ 2.465 D/V
#2953 Front/Soquel	C	25.3	0.552	C	33.3	0.824	+ 7.945 D/V
#2954 Front/Cooper	A	8.3	0.441	A	9.7	0.583	+ 1.377 D/V
#2955 River_S/Soquel	B	17.6	0.526	B	19.1	0.681	+ 1.500 D/V
#2956 Riverside-Dakota/Soquel	A	9.0	0.340	A	7.5	0.422	-1.541 D/V
#2957 Ocean_St/Soquel_Av	D	39.9	0.644	D	51.3	0.906	+11.413 D/V
#2958 Branciforte/Soquel	C	22.5	0.748	E	67.0	1.071	+44.550 D/V
#2959 Seabright/Soquel	C	32.0	0.823	D	42.4	0.935	+10.437 D/V
#2960 San_Lorenzo_Blvd/Broadway(Laur	B	11.8	0.614	B	19.2	0.879	+ 7.401 D/V
#2961 Ocean_St/Broadway	C	33.5	0.740	F	95.1	1.165	+61.556 D/V
#2962 S_Branciforte/Broadway	B	11.6	0.671	B	18.2	0.879	+ 6.580 D/V
#2963 Seabright/Broadway	B	14.3	0.717	C	29.7	0.967	+15.426 D/V
#2964 Pacific-Center/W_Cliff-Pacific	B	12.1	0.541	C	15.5	0.699	+ 0.158 V/C
#2965 W_Cliff/Bay	C	15.8	0.633	D	25.9	0.869	+ 0.237 V/C
#2966 Pacific/Beach	C	17.6	0.771	E	44.8	1.093	+ 0.322 V/C
#2967 Cliff/Beach	B	10.8	0.400	B	13.4	0.560	+ 0.160 V/C
#2968 Riverside/Beach	A	6.2	0.077	A	7.3	0.169	+ 1.090 D/V
#2969 Riverside/Second-Leibrandt	A	7.5	0.097	A	7.8	0.153	+ 0.056 V/C
#2970 Riverside/3rd_St	C	34.4	0.800	D	47.4	0.946	+13.027 D/V
#2971 Riverside/San_Lorenzo_Blvd	C	28.8	0.665	D	38.0	0.905	+ 9.223 D/V
#2972 Ocean_St/E_Cliff_Dr	E	63.6	1.057	F	120.8	1.182	+57.180 D/V
#2973 Seabright/Murray	D	43.7	0.877	E	64.8	1.022	+21.156 D/V
#2974 Swift/Delaware	B	10.9	0.500	F	407.5	2.958	+ 2.458 V/C
#2975 Seventh/Soquel	C	23.3	0.747	C	26.5	0.817	+ 3.214 D/V
#2976 Seventh/Capitola	C	26.8	0.609	C	27.8	0.720	+ 0.924 D/V
#2977 Seventh/Brommer	C	18.3	0.713	D	34.6	0.926	+ 0.213 V/C

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Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2978 Seventh/Eaton	D	36.5	0.844	D	46.8	0.933	+10.313 D/V
#2979 Seventh/E_Cliff	C	15.8	0.677	C	16.7	0.709	+ 0.032 V/C

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--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
********************************************************************************
Intersection #2901 Western_Dr/High_St
********************************************************************************
Average Delay (sec/veh):     43.5       Worst Case Level Of Service: F[227.7]
********************************************************************************
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    0  0  0  1  0    1  0  1  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:Oct/Nov '03
Base Vol:     124    0    86     0    0     0     0  654    81    47  378     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:  124    0    86     0    0     0     0  654    81    47  378     0
Added Vol:    116    0     8     0    0     0     0  101    83    14   70     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  240    0    94     0    0     0     0  755   164    61  448     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:     0.91 0.91  0.91  0.91 0.91  0.91  0.91 0.91  0.91  0.91 0.91  0.91
PHF Volume:   264    0   103     0    0     0     0  830   180    67  492     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:  264    0   103     0    0     0     0  830   180    67  492     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  6.4  6.5   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   4.1 xxxx xxxxx
FollowUpTim:  3.5  4.0   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   2.2 xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 1546 1546   920  xxxx xxxx xxxxx  xxxx xxxx xxxxx  1010 xxxx xxxxx
Potent Cap.:  126  114   328  xxxx xxxx xxxxx  xxxx xxxx xxxxx   686 xxxx xxxxx
Move Cap.:    116  103   328  xxxx xxxx xxxxx  xxxx xxxx xxxxx   686 xxxx xxxxx
Total Cap:    248  222 xxxxx   115  184 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  1.06 0.00  0.31  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.10 xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.3 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx  10.8 xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     B    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx  267 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx 19.6 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx  228 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    F     *     *    *     *     *    *     *     *    *     *
ApproachDel:     227.7           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         F                *                *                *
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2902 Bay-Coolidge/High

Cycle (sec):	70	Critical Vol./Cap.(X):	1.264		
Loss Time (sec):	9	Average Delay (sec/veh):	103.3		
Optimal Cycle:	200	Level Of Service:	F		

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	1 1	0	0 1	0 0	1	0 1	0 0	1
Volume Module: >> Count Date: 23 Jan 2003 << 5:00 - 6:00 PM												
Base Vol:	153	372	55	347	664	44	164	301	245	113	247	172
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:	153	372	55	347	664	44	164	301	245	113	247	172
Added Vol:	21	136	0	168	218	24	14	79	30	0	62	97
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	174	508	55	515	882	68	178	380	275	113	309	269
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	189	552	60	560	959	74	193	413	299	123	336	292
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	189	552	60	560	959	74	193	413	299	123	336	292
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:	189	552	60	560	959	74	193	413	299	123	336	292
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.70	0.90	0.89	0.89	0.52	0.52	0.79	0.48	0.48	0.82
Lanes:	1.00	2.00	1.00	1.00	1.86	0.14	0.32	0.68	1.00	0.27	0.73	1.00
Final Sat.:	1753	3505	1339	1702	3126	241	315	672	1501	244	667	1558
Capacity Analysis Module:												
Vol/Sat:	0.11	0.16	0.04	0.33	0.31	0.31	0.61	0.61	0.20	0.50	0.50	0.19
Crit Moves:		****		****				****				
Green/Cycle:	0.10	0.12	0.12	0.26	0.28	0.28	0.49	0.49	0.49	0.49	0.49	0.49
Volume/Cap:	1.08	1.26	0.36	1.26	1.08	1.08	1.26	1.26	0.41	1.03	1.03	0.39
Uniform Del:	31.5	30.6	28.1	25.9	25.0	25.0	18.0	18.0	11.5	18.0	18.0	11.4
IncremntDel:	90.0	136	1.3	135.7	52.2	52.2	134.6	135	0.4	51.9	51.9	0.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	121.5	167	29.4	161.6	77.3	77.3	152.5	153	11.9	69.8	69.8	11.7
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:	121.5	167	29.4	161.6	77.3	77.3	152.5	153	11.9	69.8	69.8	11.7
LOS by Move:	F	F	C	F	E	E	F	F	B	E	E	B
HCM2kAvgQ:	9	17	2	29	22	22	31	31	4	14	14	4

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

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

Intersection #2903 High/Moore

Cycle (sec):	60	Critical Vol./Cap.(X):	0.663
Loss Time (sec):	6	Average Delay (sec/veh):	5.3
Optimal Cycle:	36	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1	0	0	1	0	0	1 0
Volume Module: >> Count Date: 23 Jan 2003 << 4:30 - 5:30 PM												
Base Vol:	18	7	17	45	21	41	9	643	24	24	498	21
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:	18	7	17	45	21	41	9	643	24	24	498	21
Added Vol:	6	0	0	0	0	0	0	237	11	0	163	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	24	7	17	45	21	41	9	880	35	24	661	21
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	27	8	19	50	23	46	10	978	39	27	734	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	27	8	19	50	23	46	10	978	39	27	734	23
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:	27	8	19	50	23	46	10	978	39	27	734	23
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.72	0.72	0.72	0.82	0.82	0.84	0.33	0.97	0.97	0.23	0.98	0.97
Lanes:	0.50	0.15	0.35	0.68	0.32	1.00	1.00	0.96	0.04	1.00	0.97	0.03
Final Sat.:	683	199	484	1061	495	1587	628	1780	71	437	1796	57
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.04	0.05	0.05	0.03	0.02	0.55	0.55	0.06	0.41	0.41
Crit Moves:					****			****				
Green/Cycle:	0.07	0.07	0.07	0.07	0.07	0.07	0.83	0.83	0.83	0.83	0.83	0.83
Volume/Cap:	0.55	0.55	0.55	0.66	0.66	0.40	0.02	0.66	0.66	0.07	0.49	0.49
Uniform Del:	26.9	26.9	26.9	27.2	27.2	26.7	0.9	1.9	1.9	0.9	1.5	1.5
IncremntDel:	6.5	6.5	6.5	14.1	14.1	2.4	0.0	1.1	1.1	0.1	0.3	0.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	33.4	33.4	33.4	41.2	41.2	29.0	0.9	3.0	3.0	1.0	1.7	1.7
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:	33.4	33.4	33.4	41.2	41.2	29.0	0.9	3.0	3.0	1.0	1.7	1.7
LOS by Move:	C	C	C	D	D	C	A	A	A	A	A	A
HCM2kAvgQ:	2	2	2	3	3	1	0	7	7	0	5	5

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

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                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
******************************************************************************
Intersection #2904 High/Laurent
******************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         1.531
Loss Time (sec):       0               Average Delay (sec/veh):       196.3
Optimal Cycle:         0               Level Of Service:                  F
******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  1! 0  0    0  0  1! 0  0    0  0  1! 0  0    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 23 Jan 2003 << 4:30 - 5:30 PM
Base Vol:      16   21    16    17    8    16    34  605    38    14  568    27
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:   16   21    16    17    8    16    34  605    38    14  568    27
Added Vol:      0   28     0    15   16     0     0  251     0     0  167     3
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   16   49    16    32   24    16    34  856    38    14  735    30
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    17   53    17    35   26    17    37  930    41    15  799    33
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   17   53    17    35   26    17    37  930    41    15  799    33
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:   17   53    17    35   26    17    37  930    41    15  799    33
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.20 0.60  0.20  0.45 0.33  0.22  0.04 0.92  0.04  0.02 0.94  0.04
Final Sat.:    98  300    98   218  163   109    24  608    27    12  626    26
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.18 0.18  0.18  0.16 0.16  0.16  1.53 1.53  1.53  1.28 1.28  1.28
Crit Moves:  ****                 ****             ****                 ****
Delay/Veh:   11.7 11.7  11.7  11.6 11.6  11.6 262.1  262 262.1 154.2  154 154.2
Delay 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
AdjDel/Veh:  11.7 11.7  11.7  11.6 11.6  11.6 262.1  262 262.1 154.2  154 154.2
LOS by Move:    B    B     B     B    B     B     F    F     F     F    F     F
ApproachDel:      11.7             11.6            262.1            154.2
Delay Adj:        1.00             1.00             1.00             1.00
ApprAdjDel:       11.7             11.6            262.1            154.2
LOS by Appr:         B                B                F                F
AllWayAvgQ:   0.2  0.2   0.2   0.2  0.2   0.2  46.4 46.4  46.4  26.9 26.9  26.9
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2905 River/Potrero

Cycle (sec):	60	Critical Vol./Cap.(X):	0.753
Loss Time (sec):	9	Average Delay (sec/veh):	19.7
Optimal Cycle:	52	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 1	0	0 1	0 1	0	0 1
Volume Module: >> Count Date: 15 Apr 2004 << 5:00 - 6:00 PM												
Base Vol:	71	407	66	249	323	89	99	10	43	190	9	234
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:	71	407	66	249	323	89	99	10	43	190	9	234
Added Vol:	19	359	20	23	414	14	30	0	33	7	0	21
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	90	766	86	272	737	103	129	10	76	197	9	255
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	98	833	93	296	801	112	140	11	83	214	10	277
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	98	833	93	296	801	112	140	11	83	214	10	277
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:	98	833	93	296	801	112	140	11	83	214	10	277
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.92	0.92	0.93	0.91	0.91	0.47	0.47	0.82	0.57	0.58	0.83
Lanes:	1.00	1.80	0.20	1.00	1.75	0.25	0.93	0.07	1.00	0.96	0.04	1.00
Final Sat.:	1769	3133	352	1769	3048	426	829	64	1555	1032	47	1580
Capacity Analysis Module:												
Vol/Sat:	0.06	0.27	0.27	0.17	0.26	0.26	0.17	0.17	0.05	0.21	0.21	0.18
Crit Moves:		****		****							****	
Green/Cycle:	0.10	0.35	0.35	0.22	0.47	0.47	0.28	0.28	0.28	0.28	0.28	0.28
Volume/Cap:	0.55	0.75	0.75	0.75	0.55	0.55	0.61	0.61	0.19	0.75	0.75	0.64
Uniform Del:	25.7	17.1	17.1	21.8	11.2	11.2	19.0	19.0	16.6	19.9	19.9	19.1
IncremntDel:	3.8	2.7	2.7	8.0	0.4	0.4	4.6	4.6	0.2	10.4	10.4	3.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	29.5	19.8	19.8	29.8	11.6	11.6	23.5	23.5	16.9	30.3	30.3	22.2
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:	29.5	19.8	19.8	29.8	11.6	11.6	23.5	23.5	16.9	30.3	30.3	22.2
LOS by Move:	C	B	B	C	B	B	C	C	B	C	C	C
HCM2kAvgQ:	3	10	10	5	6	6	4	4	1	6	6	6

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

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

Intersection #2906 River-Hwy_9/Hwy_1

Cycle (sec):	200	Critical Vol./Cap.(X):	1.555
Loss Time (sec):	16	Average Delay (sec/veh):	244.5
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	7	7	7	4	4	4	4	10	10	4	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	2	2 0	1 0	1	1 0	3 0	1	2 0	3 0	1
Volume Module:PM Peak Hour												
Base Vol:	92	244	449	646	256	242	225	1303	81	341	1246	403
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:	92	244	449	646	256	242	225	1303	81	341	1246	403
Added Vol:	2	183	225	410	259	299	220	926	0	192	520	257
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	94	427	674	1056	515	541	445	2229	81	533	1766	660
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	101	458	723	1133	553	580	477	2392	87	572	1895	708
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	101	458	723	1133	553	580	477	2392	87	572	1895	708
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:	101	458	723	1133	553	580	477	2392	87	572	1895	708
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.98	0.70	0.90	0.98	0.72	0.91	0.88	0.81	0.89	0.88	0.81
Lanes:	1.00	1.00	2.00	2.00	1.00	1.00	1.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	1769	1862	2649	3432	1862	1377	1736	4990	1545	3369	4990	1537
Capacity Analysis Module:												
Vol/Sat:	0.06	0.25	0.27	0.33	0.30	0.42	0.27	0.48	0.06	0.17	0.38	0.46
Crit Moves:			****			****	****					****
Green/Cycle:	0.18	0.18	0.18	0.27	0.27	0.27	0.18	0.35	0.35	0.12	0.30	0.30
Volume/Cap:	0.32	1.40	1.55	1.22	1.09	1.55	1.55	1.37	0.16	1.37	1.28	1.55
Uniform Del:	72.1	82.4	82.4	72.9	72.9	72.9	82.3	65.1	44.8	87.6	70.4	70.4
IncremntDel:	0.6	198	260.1	107.7	68.2	262.5	265.2	171	0.1	181.8	132	260.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	72.7	281	342.6	180.6	141	335.4	347.5	236	45.0	269.5	202	330.7
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:	72.7	281	342.6	180.6	141	335.4	347.5	236	45.0	269.5	202	330.7
LOS by Move:	E	F	F	F	F	F	F	F	D	F	F	F
HCM2kAvgQ:	5	43	42	46	37	58	50	82	4	29	61	74

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

Intersection #2907 River/Fern

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

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:	1	0 0	1	0	0	1 0	1	0	1	0 0	1	0	1	0 0	1	0
Volume Module:4:30 - 5:30 PM																
Base Vol:	298	572	0		0	810	43		1	0	77		0	0	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:	298	572	0		0	810	43		1	0	77		0	0	0	
Added Vol:	112	540	0		0	754	0		0	0	29		0	0	0	
PasserByVol:	0	0	0		0	0	0		0	0	0		0	0	0	
Initial Fut:	410	1112	0		0	1564	43		1	0	106		0	0	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:	0.92	0.92	0.92		0.92	0.92	0.92		0.92	0.92	0.92		0.92	0.92	0.92	
PHF Volume:	446	1209	0		0	1700	47		1	0	115		0	0	0	
Reduct Vol:	0	0	0		0	0	0		0	0	0		0	0	0	
FinalVolume:	446	1209	0		0	1700	47		1	0	115		0	0	0	
Critical Gap Module:																
Critical Gp:	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx		6.4	6.5		6.2		7.1	6.5		6.2
FollowUpTim:	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx		3.5	4.0		3.3		3.5	4.0		3.3
Capacity Module:																
Cnflict Vol:	1747	xxxx	xxxxx	xxxx	xxxx	xxxxx	3823	3823		873	2950	3847		1209		
Potent Cap.:	354	xxxx	xxxxx	xxxx	xxxx	xxxxx		4	4		349		9	4		223
Move Cap.:	354	xxxx	xxxxx	xxxx	xxxx	xxxxx		0	0		349		0	0		223
Volume/Cap:	1.26	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx		0.33	xxxx	xxxx		0.00		
Level Of Service Module:																
2Way95thQ:	19.9	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx		xxxx	xxxx	xxxxx			
Control Del:	169.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx				
LOS by Move:	F	*	*	*	*	*	*	*	*	*	*	*				
Movement:	LT - LTR - RT				LT - LTR - RT				LT - LTR - RT				LT - LTR - RT			
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx		349	xxxx	xxxx		0		
SharedQueue:	xxxxx	xxxx	xxxxx	0.0	xxxx	xxxxx	xxxxx	xxxx		1.4	xxxxx	xxxx	xxxxx			
Shrd ConDel:	xxxxx	xxxx	xxxxx	7.3	xxxx	xxxxx	xxxxx	xxxx		20.3	xxxxx	xxxx	xxxxx			
Shared LOS:	*	*	*	A	*	*	*	*		C	*	*	*			
ApproachDel:	xxxxxx			xxxxxx			+Inf				xxxxxx					
ApproachLOS:	*			*			F				*					

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

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

Intersection #2908 River/Encinal

Cycle (sec):	120	Critical Vol./Cap.(X):	1.728
Loss Time (sec):	12	Average Delay (sec/veh):	202.7
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Split Phase			Split Phase		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1! 0	0	0 1	0 1	0	0 0	1! 0	1	0 0	1! 0	0
Volume Module:5:00 - 6:00 PM												
Base Vol:	268	422	20	2	396	132	178	3	491	11	3	8
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:	268	422	20	2	396	132	178	3	491	11	3	8
Added Vol:	308	141	91	6	92	13	32	3	556	106	3	7
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	576	563	111	8	488	145	210	6	1047	117	6	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	606	593	117	8	514	153	221	6	1102	123	6	16
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	606	593	117	8	514	153	221	6	1102	123	6	16
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:	606	593	117	8	514	153	221	6	1102	123	6	16
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.74	0.74	0.79	0.79	0.78	0.68	0.68	0.77	0.93	0.93	0.93
Lanes:	1.27	0.61	0.12	0.02	1.52	0.46	0.31	0.01	1.68	0.85	0.04	0.11
Final Sat.:	2023	853	168	38	2290	680	399	11	2451	1491	76	191
Capacity Analysis Module:												
Vol/Sat:	0.30	0.69	0.69	0.22	0.22	0.22	0.55	0.55	0.45	0.08	0.08	0.08
Crit Moves:		****			****			****			****	
Green/Cycle:	0.40	0.40	0.40	0.13	0.13	0.13	0.32	0.32	0.72	0.05	0.05	0.05
Volume/Cap:	0.75	1.73	1.73	1.73	1.73	1.73	1.73	1.73	0.62	1.73	1.73	1.73
Uniform Del:	30.7	35.9	35.9	52.2	52.2	52.2	40.8	40.8	8.4	57.1	57.1	57.1
IncremntDel:	1.8	333	333.2	338.3	338	338.3	333.1	333	0.6	372.4	372	372.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	32.4	369	369.1	390.5	390	390.5	373.9	374	9.0	429.5	430	429.5
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:	32.4	369	369.1	390.5	390	390.5	373.9	374	9.0	429.5	430	429.5
LOS by Move:	C	F	F	F	F	F	F	F	A	F	F	F
HCM2kAvgQ:	14	84	84	33	33	32	64	64	13	14	14	14

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

Intersection #2909 Ocean-Hwy_17/Plymouth-Ocean_Ext

Cycle (sec):	120	Critical Vol./Cap.(X):	0.853
Loss Time (sec):	9	Average Delay (sec/veh):	36.9
Optimal Cycle:	88	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Ignore			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	0 1	0 0	1	1 0	0 1	0
Volume Module:PM Peak Hour												
Base Vol:	290	368	0	185	880	220	59	166	346	119	75	54
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:	290	368	0	185	880	220	59	166	346	119	75	54
Added Vol:	111	286	0	1	221	13	10	40	147	8	22	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	401	654	0	186	1101	233	69	206	493	127	97	55
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.95	0.95	0.00	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	422	688	0	196	1159	245	73	217	519	134	102	58
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	422	688	0	196	1159	245	73	217	519	134	102	58
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	422	688	0	196	1159	245	73	217	519	134	102	58
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	1.00	0.93	0.93	0.83	0.78	0.78	0.83	0.32	0.93	0.93
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	0.25	0.75	1.00	1.00	0.64	0.36
Final Sat.:	1769	3538	1900	1769	3538	1572	372	1110	1583	600	1124	637
Capacity Analysis Module:												
Vol/Sat:	0.24	0.19	0.00	0.11	0.33	0.16	0.20	0.20	0.33	0.22	0.09	0.09
Crit Moves:	****				****					****		
Green/Cycle:	0.28	0.42	0.00	0.24	0.38	0.38	0.26	0.26	0.54	0.26	0.26	0.26
Volume/Cap:	0.85	0.46	0.00	0.46	0.85	0.41	0.75	0.75	0.61	0.85	0.35	0.35
Uniform Del:	40.9	24.8	0.0	38.9	33.9	27.0	40.7	40.7	18.8	42.1	36.0	36.0
IncremntDel:	13.4	0.2	0.0	0.8	5.4	0.4	7.8	7.8	1.3	33.8	0.5	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delay/Veh:	54.3	25.0	0.0	39.7	39.3	27.4	48.5	48.5	20.1	75.9	36.5	36.5
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:	54.3	25.0	0.0	39.7	39.3	27.4	48.5	48.5	20.1	75.9	36.5	36.5
LOS by Move:	D	C	A	D	D	C	D	D	C	E	D	D
HCM2kAvgQ:	17	9	0	6	23	7	11	11	13	7	5	5

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2910 Market/Goss-Isbel

Cycle (sec):	1	Critical Vol./Cap.(X):	0.704
Loss Time (sec):	0	Average Delay (sec/veh):	16.8
Optimal Cycle:	0	Level Of Service:	C

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0	0 1	1	0 1	0 1	0	0 1!	0 0	0	0 1!	0 0
Volume Module:PM peak hour												
Base Vol:	15	87	120	183	72	1	4	191	14	46	75	189
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:	15	87	120	183	72	1	4	191	14	46	75	189
Added Vol:	32	67	27	19	42	0	0	1	22	17	2	29
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	47	154	147	202	114	1	4	192	36	63	77	218
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	51	167	160	220	124	1	4	209	39	68	84	237
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	51	167	160	220	124	1	4	209	39	68	84	237
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:	51	167	160	220	124	1	4	209	39	68	84	237
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.23	0.77	1.00	1.00	1.00	1.00	0.02	0.83	0.15	0.18	0.21	0.61
Final Sat.:	109	358	522	444	473	520	9	408	77	97	119	337
Capacity Analysis Module:												
Vol/Sat:	0.47	0.47	0.31	0.49	0.26	0.00	0.51	0.51	0.51	0.70	0.70	0.70
Crit Moves:	****			****				****		****		
Delay/Veh:	15.7	15.7	11.8	17.1	12.3	9.2	15.8	15.8	15.8	21.4	21.4	21.4
Delay 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
AdjDel/Veh:	15.7	15.7	11.8	17.1	12.3	9.2	15.8	15.8	15.8	21.4	21.4	21.4
LOS by Move:	C	C	B	C	B	A	C	C	C	C	C	C
ApproachDel:	14.1			15.3			15.8			21.4		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	14.1			15.3			15.8			21.4		
LOS by Appr:	B			C			C			C		
AllWayAvgQ:	0.7	0.7	0.4	0.8	0.3	0.0	0.8	0.8	0.8	1.9	1.9	1.9

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2911 N.Branciforte/Goss

Cycle (sec):	100	Critical Vol./Cap.(X):	0.728
Loss Time (sec):	0	Average Delay (sec/veh):	18.9
Optimal Cycle:	0	Level Of Service:	C

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0	0 1	0	0	1! 0	0	0	0 1	0	0	1! 0 0
Volume Module:PM peak hour												
Base Vol:	190	27	73	3	91	53	28	295	277	22	64	1
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:	190	27	73	3	91	53	28	295	277	22	64	1
Added Vol:	30	43	22	0	22	8	12	17	18	11	10	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	220	70	95	3	113	61	40	312	295	33	74	1
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	239	76	103	3	123	66	43	339	321	36	80	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	239	76	103	3	123	66	43	339	321	36	80	1
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:	239	76	103	3	123	66	43	339	321	36	80	1
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.76	0.24	1.00	0.02	0.64	0.34	0.11	0.89	1.00	0.31	0.68	0.01
Final Sat.:	359	114	548	8	306	165	60	466	590	135	303	4
Capacity Analysis Module:												
Vol/Sat:	0.67	0.67	0.19	0.40	0.40	0.40	0.73	0.73	0.54	0.27	0.27	0.27
Crit Moves:	****			****			****			****		
Delay/Veh:	23.0	23.0	10.5	14.6	14.6	14.6	24.8	24.8	15.4	13.1	13.1	13.1
Delay 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
AdjDel/Veh:	23.0	23.0	10.5	14.6	14.6	14.6	24.8	24.8	15.4	13.1	13.1	13.1
LOS by Move:	C	C	B	B	B	B	C	C	C	B	B	B
ApproachDel:	19.9			14.6			20.5			13.1		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	19.9			14.6			20.5			13.1		
LOS by Appr:	C			B			C			B		
AllWayAvgQ:	1.7	1.7	0.2	0.6	0.6	0.6	2.2	2.2	1.1	0.3	0.3	0.3

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

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

Intersection #2912 Morrissey_Blvd/Fairmount_Av

Cycle (sec):	60	Critical Vol./Cap.(X):	0.559
Loss Time (sec):	6	Average Delay (sec/veh):	10.3
Optimal Cycle:	29	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 1	0	0 1	0 0	1! 0	0
Volume Module:												
Base Vol:	50	734	24	46	824	108	111	61	107	18	23	49
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	734	24	46	824	108	111	61	107	18	23	49
Added Vol:	3	60	4	7	38	0	49	28	20	6	4	33
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	794	28	53	862	108	160	89	127	24	27	82
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	58	863	30	58	937	117	174	97	138	26	29	89
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	863	30	58	937	117	174	97	138	26	29	89
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:	58	863	30	58	937	117	174	97	138	26	29	89
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.19	0.93	0.93	0.25	0.92	0.92	0.71	0.71	0.83	0.83	0.83	0.83
Lanes:	1.00	1.93	0.07	1.00	1.78	0.22	0.64	0.36	1.00	0.18	0.20	0.62
Final Sat.:	363	3400	120	469	3090	387	871	485	1583	285	321	974
Capacity Analysis Module:												
Vol/Sat:	0.16	0.25	0.25	0.12	0.30	0.30	0.20	0.20	0.09	0.09	0.09	0.09
Crit Moves:					****			****				
Green/Cycle:	0.54	0.54	0.54	0.54	0.54	0.54	0.36	0.36	0.36	0.36	0.36	0.36
Volume/Cap:	0.29	0.47	0.47	0.23	0.56	0.56	0.56	0.56	0.24	0.26	0.26	0.26
Uniform Del:	7.5	8.4	8.4	7.2	9.0	9.0	15.5	15.5	13.6	13.6	13.6	13.6
IncremntDel:	0.8	0.2	0.2	0.5	0.4	0.4	1.5	1.5	0.2	0.2	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	8.3	8.6	8.6	7.6	9.4	9.4	16.9	16.9	13.8	13.9	13.9	13.9
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:	8.3	8.6	8.6	7.6	9.4	9.4	16.9	16.9	13.8	13.9	13.9	13.9
LOS by Move:	A	A	A	A	A	A	B	B	B	B	B	B
HCM2kAvgQ:	1	6	6	1	7	7	5	5	2	2	2	2

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

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

Intersection #2913 Bay/Nobel-Iowa

Cycle (sec):	60	Critical Vol./Cap.(X):	0.652
Loss Time (sec):	12	Average Delay (sec/veh):	13.0
Optimal Cycle:	48	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	0 1	0 0	1	0 0	1! 0	0
Volume Module: >> Count Date: 29 Jan 2003 << 4:30 - 5:30 PM												
Base Vol:	62	544	61	42	912	56	39	49	100	41	45	41
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:	62	544	61	42	912	56	39	49	100	41	45	41
Added Vol:	38	173	37	0	256	0	0	0	29	24	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	100	717	98	42	1168	56	39	49	129	65	45	41
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	105	755	103	44	1229	59	41	52	136	68	47	43
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	105	755	103	44	1229	59	41	52	136	68	47	43
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:	105	755	103	44	1229	59	41	52	136	68	47	43
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	0.91	0.80	0.92	0.92	0.82	0.81	0.81	0.78	0.75	0.77	0.76
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	0.44	0.56	1.00	0.44	0.29	0.27
Final Sat.:	1735	3470	1513	1754	3508	1563	682	857	1476	619	429	391
Capacity Analysis Module:												
Vol/Sat:	0.06	0.22	0.07	0.03	0.35	0.04	0.06	0.06	0.09	0.11	0.11	0.11
Crit Moves:	****			****						****		
Green/Cycle:	0.09	0.57	0.57	0.07	0.54	0.54	0.17	0.17	0.17	0.17	0.17	0.17
Volume/Cap:	0.65	0.38	0.12	0.38	0.65	0.07	0.36	0.36	0.54	0.65	0.65	0.65
Uniform Del:	26.3	7.3	6.1	26.9	9.9	6.7	22.0	22.0	22.8	23.3	23.3	23.3
IncremntDel:	9.1	0.1	0.1	2.1	0.8	0.0	0.8	0.8	2.4	6.2	6.2	6.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	35.4	7.4	6.2	29.0	10.7	6.7	22.9	22.9	25.2	29.4	29.4	29.4
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:	35.4	7.4	6.2	29.0	10.7	6.7	22.9	22.9	25.2	29.4	29.4	29.4
LOS by Move:	D	A	A	C	B	A	C	C	C	C	C	C
HCM2kAvgQ:	3	4	1	1	9	1	2	2	3	4	4	4

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

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                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2914 Bay_St/Escalona_Dr
******************************************************************************
Average Delay (sec/veh): OVERFLOW       Worst Case Level Of Service: F[xxxxx]
******************************************************************************
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  1    0  0  1! 0  0    0  0  1! 0  0
-------------|---------------||---------------||---------------||---------------|
Volume Module:Oct/Nov '03
Base Vol:      26  594    32   119  825    70    61   23    39    44    7    32
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:   26  594    32   119  825    70    61   23    39    44    7    32
Added Vol:      1  217     9    26  283     0     0   20     1     5   26    30
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   27  811    41   145 1108    70    61   43    40    49   33    62
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    29  882    45   158 1204    76    66   47    43    53   36    67
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:   29  882    45   158 1204    76    66   47    43    53   36    67
-------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  4.1 xxxx xxxxx   4.1 xxxx xxxxx   7.1  6.5   6.2   7.1  6.5   6.2
FollowUpTim:  2.2 xxxx xxxxx   2.2 xxxx xxxxx   3.5  4.0   3.3   3.5  4.0   3.3
-------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 1280 xxxx xxxxx   926 xxxx xxxxx  2534 2504  1204  2565 2558   904
Potent Cap.:  542 xxxx xxxxx   738 xxxx xxxxx    18   29   224    18   26   336
Move Cap.:    542 xxxx xxxxx   738 xxxx xxxxx     0   21   224     0   20   336
Volume/Cap:  0.05 xxxx  xxxx  0.21 xxxx  xxxx  xxxx 2.19  0.19  xxxx 1.82  0.20
-------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:    0.2 xxxx xxxxx   0.8 xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del: 12.0 xxxx xxxxx  11.2 xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    B    *     *     B    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx    2 xxxxx  xxxx    0 xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx 22.0 xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    F     *     *    *     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         *                *                F                F
******************************************************************************
Note: Queue reported is the number of cars per lane.
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2915 Bay_St/King_St

Cycle (sec):	60	Critical Vol./Cap.(X):	1.295
Loss Time (sec):	6	Average Delay (sec/veh):	53.4
Optimal Cycle:	200	Level Of Service:	D

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	0 0	1! 0	0	0 1	0	0 1
Volume Module:Oct/Nov '03												
Base Vol:	85	538	147	82	785	109	61	136	61	90	57	102
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:	85	538	147	82	785	109	61	136	61	90	57	102
Added Vol:	63	185	13	112	187	1	0	25	39	8	40	65
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	148	723	160	194	972	110	61	161	100	98	97	167
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	161	786	174	211	1057	120	66	175	109	107	105	182
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	161	786	174	211	1057	120	66	175	109	107	105	182
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:	161	786	174	211	1057	120	66	175	109	107	105	182
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.09	0.95	0.95	0.17	0.97	0.97	0.72	0.72	0.72	0.42	0.42	0.83
Lanes:	1.00	0.82	0.18	1.00	0.90	0.10	0.19	0.50	0.31	0.50	0.50	1.00
Final Sat.:	179	1483	328	331	1648	186	257	680	422	401	397	1583
Capacity Analysis Module:												
Vol/Sat:	0.90	0.53	0.53	0.64	0.64	0.64	0.26	0.26	0.26	0.27	0.27	0.11
Crit Moves:	****										****	
Green/Cycle:	0.70	0.70	0.70	0.70	0.70	0.70	0.20	0.20	0.20	0.20	0.20	0.20
Volume/Cap:	1.29	0.76	0.76	0.92	0.92	0.92	1.26	1.26	1.26	1.29	1.29	0.56
Uniform Del:	9.1	5.9	5.9	7.7	7.8	7.8	23.9	23.9	23.9	23.9	23.9	21.4
IncremntDel:	179.6	2.8	2.8	37.0	11.2	11.2	141.3	141	141.3	170.3	170	2.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	188.8	8.7	8.7	44.7	18.9	18.9	165.1	165	165.1	194.1	194	23.6
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:	188.8	8.7	8.7	44.7	18.9	18.9	165.1	165	165.1	194.1	194	23.6
LOS by Move:	F	A	A	D	B	B	F	F	F	F	F	C
HCM2kAvgQ:	7	11	11	7	24	24	18	18	18	13	13	4

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2916 King_St/Laurel_St

Cycle (sec):	100	Critical Vol./Cap.(X):	1.121
Loss Time (sec):	0	Average Delay (sec/veh):	55.6
Optimal Cycle:	0	Level Of Service:	F

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:Oct/Nov '03												
Base Vol:	114	42	28	36	31	9	19	351	81	30	186	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:	114	42	28	36	31	9	19	351	81	30	186	15
Added Vol:	57	27	32	0	31	1	1	79	73	37	76	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	171	69	60	36	62	10	20	430	154	67	262	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	186	75	65	39	67	11	22	467	167	73	285	16
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	186	75	65	39	67	11	22	467	167	73	285	16
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:	186	75	65	39	67	11	22	467	167	73	285	16
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.57	0.23	0.20	0.33	0.58	0.09	0.03	0.72	0.25	0.19	0.77	0.04
Final Sat.:	285	115	100	140	242	39	19	417	149	103	402	23
Capacity Analysis Module:												
Vol/Sat:	0.65	0.65	0.65	0.28	0.28	0.28	1.12	1.12	1.12	0.71	0.71	0.71
Crit Moves:	****			****			****			****		
Delay/Veh:	21.5	21.5	21.5	13.4	13.4	13.4	98.4	98.4	98.4	23.4	23.4	23.4
Delay 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
AdjDel/Veh:	21.5	21.5	21.5	13.4	13.4	13.4	98.4	98.4	98.4	23.4	23.4	23.4
LOS by Move:	C	C	C	B	B	B	F	F	F	C	C	C
ApproachDel:	21.5			13.4			98.4			23.4		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	21.5			13.4			98.4			23.4		
LOS by Appr:	C			B			F			C		
AllWayAvgQ:	1.6	1.6	1.6	0.3	0.3	0.3	14.5	14.5	14.5	2.0	2.0	2.0

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2917 Storey/King

Cycle (sec):	100	Critical Vol./Cap.(X):	1.294
Loss Time (sec):	0	Average Delay (sec/veh):	93.2
Optimal Cycle:	0	Level Of Service:	F

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			0 0 1!		0 0	0 1 0 0 0			0 0 0 1 0		
Volume Module:Oct/Nov '03												
Base Vol:	0	0	0	256	0	53	26	302	0	0	189	28
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	0	0	256	0	53	26	302	0	0	189	28
Added Vol:	0	0	0	295	0	0	0	78	0	0	89	60
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	551	0	53	26	380	0	0	278	88
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:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	0	0	0	648	0	62	31	447	0	0	327	104
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	648	0	62	31	447	0	0	327	104
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:	0	0	0	648	0	62	31	447	0	0	327	104
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	0.91	0.00	0.09	0.06	0.94	0.00	0.00	0.76	0.24
Final Sat.:	0	0	0	501	0	48	35	505	0	0	412	130
Capacity Analysis Module:												
Vol/Sat:	xxxx	xxxx	xxxx	1.29	xxxx	1.29	0.89	0.89	xxxx	xxxx	0.79	0.79
Crit Moves:						****		****			****	
Delay/Veh:	0.0	0.0	0.0	166.2	0.0	166.2	41.4	41.4	0.0	0.0	30.1	30.1
Delay 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
AdjDel/Veh:	0.0	0.0	0.0	166.2	0.0	166.2	41.4	41.4	0.0	0.0	30.1	30.1
LOS by Move:	*	*	*	F	*	F	E	E	*	*	D	D
ApproachDel:	xxxxxx			166.2			41.4			30.1		
Delay Adj:	xxxxx			1.00			1.00			1.00		
ApprAdjDel:	xxxxxx			166.2			41.4			30.1		
LOS by Appr:	*			F			E			D		
AllWayAvgQ:	0.0	0.0	0.0	23.9	23.9	23.9	4.7	4.7	4.7	3.1	3.1	3.1

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

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                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
********************************************************************************
Intersection #2918 Shaffer/Highway_1
********************************************************************************
Average Delay (sec/veh):      2.1       Worst Case Level Of Service: C[ 18.9]
********************************************************************************
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    0  0  0  1  0    1  0  1  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 14 Oct 2003 << 5:00 - 6:00 PM
Base Vol:      34    0    80     0    0     0     0  650    38    38  456     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:   34    0    80     0    0     0     0  650    38    38  456     0
Added Vol:     28    0     0     0    0     0     0   40    13     0   80     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   62    0    80     0    0     0     0  690    51    38  536     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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    67    0    87     0    0     0     0  750    55    41  583     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:   67    0    87     0    0     0     0  750    55    41  583     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  6.4  6.5   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   4.2 xxxx xxxxx
FollowUpTim:  3.5  4.0   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   2.3 xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 1446 1443   780  xxxx xxxx xxxxx  xxxx xxxx xxxxx   805 xxxx xxxxx
Potent Cap.:  145  132   395  xxxx xxxx xxxxx  xxxx xxxx xxxxx   802 xxxx xxxxx
Move Cap.:    139  125   395  xxxx xxxx xxxxx  xxxx xxxx xxxxx   802 xxxx xxxxx
Volume/Cap:  0.49 0.00  0.22  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.05 xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.2 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx   9.7 xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     A    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx  412 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx  1.7 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx 18.9 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    C     *     *    *     *     *    *     *     *    *     *
ApproachDel:       18.9           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         C                *                *                *
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2919 Western/Highway_1

Cycle (sec):	60	Critical Vol./Cap.(X):	0.845
Loss Time (sec):	12	Average Delay (sec/veh):	24.6
Optimal Cycle:	70	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 0 1	0	1	0 0 1 0
Volume Module: >> Count Date: 14 Oct 2003 << 4:00 - 5:00 PM												
Base Vol:	19	49	78	112	63	31	17	421	25	33	315	128
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	49	78	112	63	31	17	421	25	33	315	128
Added Vol:	0	64	127	91	23	13	10	30	0	55	67	104
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	19	113	205	203	86	44	27	451	25	88	382	232
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	21	124	225	223	95	48	30	496	27	97	420	255
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	21	124	225	223	95	48	30	496	27	97	420	255
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:	21	124	225	223	95	48	30	496	27	97	420	255
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.91	0.82	0.71	0.71	0.71	0.92	0.96	0.96	0.92	0.92	0.92
Lanes:	0.14	0.86	1.00	0.61	0.26	0.13	1.00	0.95	0.05	1.00	0.62	0.38
Final Sat.:	247	1472	1555	823	349	178	1753	1734	96	1753	1082	657
Capacity Analysis Module:												
Vol/Sat:	0.08	0.08	0.14	0.27	0.27	0.27	0.02	0.29	0.29	0.06	0.39	0.39
Crit Moves:					****			****			****	
Green/Cycle:	0.32	0.32	0.32	0.32	0.32	0.32	0.02	0.40	0.40	0.08	0.46	0.46
Volume/Cap:	0.26	0.26	0.45	0.84	0.84	0.84	0.84	0.71	0.71	0.71	0.84	0.84
Uniform Del:	15.1	15.1	16.2	19.0	19.0	19.0	29.3	15.0	15.0	27.0	14.3	14.3
IncremntDel:	0.3	0.3	0.7	14.1	14.1	14.1	91.0	3.3	3.3	16.2	8.2	8.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	15.4	15.4	16.8	33.1	33.1	33.1	120.4	18.3	18.3	43.2	22.6	22.6
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:	15.4	15.4	16.8	33.1	33.1	33.1	120.4	18.3	18.3	43.2	22.6	22.6
LOS by Move:	B	B	B	C	C	C	F	B	B	D	C	C
HCM2kAvgQ:	2	2	4	9	9	9	2	10	10	2	12	12

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

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

Intersection #2920 Swift/Mission

Cycle (sec):	60	Critical Vol./Cap.(X):	1.142
Loss Time (sec):	12	Average Delay (sec/veh):	72.2
Optimal Cycle:	200	Level Of Service:	E

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	0	0	1!	0	0	1	0
Volume Module:	4:00 - 5:00 PM											
Base Vol:	83	43	226	43	14	1	3	518	63	208	439	71
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:	83	43	226	43	14	1	3	518	63	208	439	71
Added Vol:	13	33	466	24	28	15	27	203	19	244	198	46
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	96	76	692	67	42	16	30	721	82	452	637	117
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	104	82	747	72	45	17	32	779	89	488	688	126
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	104	82	747	72	45	17	32	779	89	488	688	126
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:	104	82	747	72	45	17	32	779	89	488	688	126
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.83	0.91	0.83	0.83	0.83	1.01	1.00	0.99	1.01	0.99	0.98
Lanes:	0.56	0.44	1.00	0.54	0.33	0.13	1.00	1.79	0.21	1.00	1.69	0.31
Final Sat.:	880	696	1730	847	531	202	1928	3408	388	1928	3179	584
Capacity Analysis Module:												
Vol/Sat:	0.12	0.12	0.43	0.09	0.09	0.09	0.02	0.23	0.23	0.25	0.22	0.22
Crit Moves:			****					****		****		
Green/Cycle:	0.38	0.38	0.38	0.38	0.38	0.38	0.03	0.20	0.20	0.22	0.39	0.39
Volume/Cap:	0.31	0.31	1.14	0.23	0.23	0.23	0.55	1.14	1.14	1.14	0.55	0.55
Uniform Del:	13.1	13.1	18.7	12.7	12.7	12.7	28.7	24.0	24.0	23.3	14.2	14.2
IncremntDel:	0.3	0.3	81.3	0.2	0.2	0.2	11.0	79.3	79.3	88.4	0.5	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	13.4	13.4	100.0	12.9	12.9	12.9	39.7	103	103.3	111.7	14.6	14.6
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:	13.4	13.4	100.0	12.9	12.9	12.9	39.7	103	103.3	111.7	14.6	14.6
LOS by Move:	B	B	F	B	B	B	D	F	F	F	B	B
HCM2kAvgQ:	3	3	30	2	2	2	1	16	16	21	7	7

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

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                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
********************************************************************************
Intersection #2921 Miramar/Mission
********************************************************************************
Cycle (sec):          90               Critical Vol./Cap.(X):         1.045
Loss Time (sec):       9               Average Delay (sec/veh):        41.7
Optimal Cycle:       200               Level Of Service:                D
********************************************************************************
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:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  0  1  0    1  0  0  1  0    1  0  1  1  0    1  0  1  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM Peak Hour
Base Vol:      65    0   118    90    0   112    66 1118    35   155  864    67
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:   65    0   118    90    0   112    66 1118    35   155  864    67
Added Vol:     46   31    46    13   15    25    29  873    23    23  564    22
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  111   31   164   103   15   137    95 1991    58   178 1428    89
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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:   123   34   182   114   17   152   106 2212    64   198 1587    99
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  123   34   182   114   17   152   106 2212    64   198 1587    99
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:  123   34   182   114   17   152   106 2212    64   198 1587    99
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.44 0.86  0.86  0.33 0.85  0.85  0.93 0.93  0.93  0.93 0.92  0.92
Lanes:       1.00 0.16  0.84  1.00 0.10  0.90  1.00 1.94  0.06  1.00 1.88  0.12
Final Sat.:   843  259  1369   626  159  1452  1769 3424   100  1769 3300   206
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.15 0.13  0.13  0.18 0.10  0.10  0.06 0.65  0.65  0.11 0.48  0.48
Crit Moves:                   ****                   ****        ****
Green/Cycle: 0.17 0.17  0.17  0.17 0.17  0.17  0.08 0.62  0.62  0.11 0.64  0.64
Volume/Cap:  0.84 0.76  0.76  1.05 0.60  0.60  0.75 1.05  1.05  1.05 0.75  0.75
Uniform Del: 35.9 35.3  35.3  37.1 34.2  34.2  40.5 17.2  17.2  40.2 10.9  10.9
IncremntDel: 31.9 11.4  11.4  98.7  3.5   3.5  19.2 32.4  32.4  77.9  1.4   1.4
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   67.8 46.7  46.7 135.9 37.8  37.8  59.7 49.6  49.6 118.1 12.3  12.3
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:  67.8 46.7  46.7 135.9 37.8  37.8  59.7 49.6  49.6 118.1 12.3  12.3
LOS by Move:    E    D     D     F    D     D     E    D     D     F    B     B
HCM2kAvgQ:      6    8     8     7    5     5     5   46    46    10   18    18
********************************************************************************
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Note: Queue reported is the number of cars per lane.

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

Intersection #2922 Almar-Younglove/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.889
Loss Time (sec):	12	Average Delay (sec/veh):	25.2
Optimal Cycle:	99	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	0 0	1	1 0	1 0	1	1 0
Volume Module:PM Peak Hour												
Base Vol:	28	1	50	42	0	35	0	885	15	66	878	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:	28	1	50	42	0	35	0	885	15	66	878	0
Added Vol:	10	0	226	3	0	9	0	923	9	153	590	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	38	1	276	45	0	44	0	1808	24	219	1468	2
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		0.93 0.93	0.93		0.93 0.93	0.93		0.93 0.93	0.93	
PHF Volume:	41	1	297	48	0	47	0	1944	26	235	1578	2
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	41	1	297	48	0	47	0	1944	26	235	1578	2
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:	41	1	297	48	0	47	0	1944	26	235	1578	2
Saturation Flow Module:												
Sat/Lane:	1900 1900	1900		1900 1900	1900		1900 1900	1900		1900 1900	1900	
Adjustment:	1.12 1.00	0.96		1.12 1.20	0.99		1.20 1.10	1.10		1.11 1.11	1.11	
Lanes:	1.00 0.01	0.99		1.00 0.00	1.00		0.00 1.97	0.03		1.00 1.99	0.01	
Final Sat.:	2123	7	1812	2123	0	1879	0	4143	55	2103	4201	6
Capacity Analysis Module:												
Vol/Sat:	0.02 0.16	0.16		0.02 0.00	0.03		0.00 0.47	0.47		0.11 0.38	0.38	
Crit Moves:		****			****			****			****	
Green/Cycle:	0.18 0.18	0.18		0.03 0.00	0.03		0.00 0.53	0.53		0.13 0.65	0.65	
Volume/Cap:	0.10 0.89	0.89		0.80 0.00	0.89		0.00 0.89	0.89		0.89 0.57	0.57	
Uniform Del:	30.5 35.8	35.8		43.5 0.0	43.6		0.0 18.9	18.9		38.7 8.6	8.6	
IncremntDel:	0.1 23.9	23.9		52.9 0.0	83.3		0.0 4.9	4.9		28.4 0.3	0.3	
InitQueuDel:	0.0 0.0	0.0		0.0 0.0	0.0		0.0 0.0	0.0		0.0 0.0	0.0	
Delay Adj:	1.00 1.00	1.00		1.00 0.00	1.00		0.00 1.00	1.00		1.00 1.00	1.00	
Delay/Veh:	30.6 59.7	59.7		96.4 0.0	126.9		0.0 23.7	23.7		67.1 8.9	8.9	
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:	30.6 59.7	59.7		96.4 0.0	126.9		0.0 23.7	23.7		67.1 8.9	8.9	
LOS by Move:	C	E	E	F	A	F	A	C	C	E	A	A
HCM2kAvgQ:	1	12	11	3	0	3	0	29	29	10	13	13

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

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

Intersection #2923 Bay/Mission

Cycle (sec):	120	Critical Vol./Cap.(X):	1.515
Loss Time (sec):	16	Average Delay (sec/veh):	225.7
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0 1	0	1	0 1! 0	0	1	0 1 1	0	1	0 1 1 0
Volume Module: >> Count Date: 1 Jan 2004 << 5:00 - 6:00 PM												
Base Vol:	87	120	74	322	131	112	111	923	52	141	968	188
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:	87	120	74	322	131	112	111	923	52	141	968	188
Added Vol:	57	46	56	132	56	45	55	1255	54	76	724	160
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	144	166	130	454	187	157	166	2178	106	217	1692	348
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:	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
PHF Volume:	148	170	133	466	192	161	170	2234	109	223	1735	357
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	148	170	133	466	192	161	170	2234	109	223	1735	357
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:	148	170	133	466	192	161	170	2234	109	223	1735	357
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.92	0.87	0.92	0.92	0.91	0.92	0.92	0.91	0.92	0.90	0.89
Lanes:	1.00	0.55	0.45	1.39	0.33	0.28	1.00	1.91	0.09	1.00	1.66	0.34
Final Sat.:	1769	955	748	2451	573	481	1753	3319	162	1753	2828	582
Capacity Analysis Module:												
Vol/Sat:	0.08	0.18	0.18	0.19	0.33	0.33	0.10	0.67	0.67	0.13	0.61	0.61
Crit Moves:		****			****			****			****	
Green/Cycle:	0.12	0.12	0.12	0.22	0.22	0.22	0.07	0.44	0.44	0.08	0.46	0.46
Volume/Cap:	0.71	1.52	1.52	0.86	1.52	1.52	1.35	1.52	1.52	1.52	1.35	1.35
Uniform Del:	51.0	52.9	52.9	45.0	46.7	46.7	55.7	33.3	33.3	55.0	32.6	32.6
IncremntDel:	10.8	256	255.8	8.0	241	241.3	199.1	235	235.2	263.6	160	160.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	61.8	309	308.7	52.9	288	288.0	254.7	269	268.6	318.5	193	192.8
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:	61.8	309	308.7	52.9	288	288.0	254.7	269	268.6	318.5	193	192.8
LOS by Move:	E	F	F	D	F	F	F	F	F	F	F	F
HCM2kAvgQ:	7	26	25	11	45	44	14	96	96	19	76	75

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

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

Intersection #2924 Laurel/Mission

Cycle (sec):	100	Critical Vol./Cap.(X):	1.315
Loss Time (sec):	12	Average Delay (sec/veh):	119.1
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:Oct/Nov '03												
Base Vol:	266	155	32	24	170	6	17	952	304	62	1062	33
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:	266	155	32	24	170	6	17	952	304	62	1062	33
Added Vol:	146	68	9	9	115	17	34	1307	183	15	824	15
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	412	223	41	33	285	23	51	2259	487	77	1886	48
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:	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
PHF Volume:	416	225	41	33	288	23	52	2282	492	78	1905	48
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	416	225	41	33	288	23	52	2282	492	78	1905	48
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:	416	225	41	33	288	23	52	2282	492	78	1905	48
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.02	1.05	1.05	1.02	1.07	1.06	1.01	0.98	0.96	1.01	1.00	1.00
Lanes:	1.00	0.84	0.16	1.00	0.92	0.08	1.00	1.64	0.36	1.00	1.95	0.05
Final Sat.:	1946	1690	311	1946	1874	151	1910	3046	657	1910	3710	94
Capacity Analysis Module:												
Vol/Sat:	0.21	0.13	0.13	0.02	0.15	0.15	0.03	0.75	0.75	0.04	0.51	0.51
Crit Moves:	****				****			****			****	
Green/Cycle:	0.16	0.25	0.25	0.03	0.12	0.12	0.03	0.57	0.57	0.03	0.57	0.57
Volume/Cap:	1.32	0.54	0.54	0.54	1.32	1.32	0.90	1.32	1.32	1.32	0.90	0.90
Uniform Del:	41.9	32.7	32.7	47.7	44.2	44.2	48.4	21.5	21.5	48.5	18.9	18.9
IncremntDel:	162.6	1.2	1.2	9.1	169	168.6	83.3	145	145.4	222.8	5.6	5.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	204.5	33.8	33.8	56.8	213	212.8	131.6	167	166.9	271.2	24.5	24.5
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:	204.5	33.8	33.8	56.8	213	212.8	131.6	167	166.9	271.2	24.5	24.5
LOS by Move:	F	C	C	E	F	F	F	F	F	F	C	C
HCM2kAvgQ:	25	7	7	2	21	21	4	88	87	7	31	31

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

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

Intersection #2925 Mission/Walnut

Cycle (sec):	90	Critical Vol./Cap.(X):	1.051
Loss Time (sec):	12	Average Delay (sec/veh):	52.5
Optimal Cycle:	200	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:PM Peak Hour												
Base Vol:	65	72	59	59	101	9	14	905	50	41	1080	16
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:	65	72	59	59	101	9	14	905	50	41	1080	16
Added Vol:	60	79	0	19	45	76	131	1107	132	0	711	25
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	125	151	59	78	146	85	145	2012	182	41	1791	41
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	132	159	62	82	154	89	153	2118	192	43	1885	43
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	132	159	62	82	154	89	153	2118	192	43	1885	43
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:	132	159	62	82	154	89	153	2118	192	43	1885	43
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.94	0.94	0.93	0.93	0.93	0.91	0.90	0.90	0.91	0.91	0.91
Lanes:	1.00	0.72	0.28	1.00	0.63	0.37	1.00	1.83	0.17	1.00	1.96	0.04
Final Sat.:	1769	1283	501	1769	1112	647	1736	3147	285	1736	3385	77
Capacity Analysis Module:												
Vol/Sat:	0.07	0.12	0.12	0.05	0.14	0.14	0.09	0.67	0.67	0.02	0.56	0.56
Crit Moves:	****			****			****			****		
Green/Cycle:	0.07	0.15	0.15	0.06	0.13	0.13	0.09	0.64	0.64	0.02	0.57	0.57
Volume/Cap:	1.05	0.84	0.84	0.84	1.05	1.05	0.97	1.05	1.05	1.05	0.97	0.97
Uniform Del:	41.8	37.4	37.4	42.1	39.1	39.1	40.8	16.2	16.2	43.9	18.5	18.5
IncremntDel:	94.6	21.0	21.0	45.0	73.1	73.1	62.8	34.1	34.1	155.8	13.9	13.9
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	136.4	58.4	58.4	87.1	112	112.2	103.6	50.3	50.3	199.7	32.4	32.4
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:	136.4	58.4	58.4	87.1	112	112.2	103.6	50.3	50.3	199.7	32.4	32.4
LOS by Move:	F	E	E	F	F	F	F	D	D	F	C	C
HCM2kAvgQ:	8	9	9	4	12	12	8	47	47	4	34	34

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

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

Intersection #2926 King/Mission

Cycle (sec):	150	Critical Vol./Cap.(X):	1.313
Loss Time (sec):	12	Average Delay (sec/veh):	155.4
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	1	0 1! 0	0	0	1 1 0	1	0	1 1 0
Volume Module:PM Peak Hour												
Base Vol:	10	6	19	788	1	4	0	1430	3	14	1251	168
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:	10	6	19	788	1	4	0	1430	3	14	1251	168
Added Vol:	10	0	0	373	0	0	0	1126	0	0	736	149
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	20	6	19	1161	1	4	0	2556	3	14	1987	317
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	22	7	21	1290	1	4	0	2840	3	16	2208	352
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	22	7	21	1290	1	4	0	2840	3	16	2208	352
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:	22	7	21	1290	1	4	0	2840	3	16	2208	352
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.90	0.90	0.93	0.93	0.93	1.00	0.93	0.93	0.93	0.91	0.91
Lanes:	0.45	0.13	0.42	1.98	0.01	0.01	0.00	1.99	0.01	1.00	1.72	0.28
Final Sat.:	763	229	725	3534	3	12	0	3534	4	1769	2987	477
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.37	0.37	0.37	0.00	0.80	0.80	0.01	0.74	0.74
Crit Moves:	****					****		****		****		
Green/Cycle:	0.02	0.02	0.02	0.28	0.28	0.28	0.00	0.61	0.61	0.01	0.62	0.62
Volume/Cap:	1.31	1.31	1.31	1.31	1.31	1.31	0.00	1.31	1.31	1.31	1.19	1.19
Uniform Del:	73.3	73.3	73.3	54.1	54.1	54.1	0.0	29.1	29.1	74.5	28.6	28.6
IncremntDel:	251.9	252	251.9	145.8	148	148.3	0.0	144	144.4	378.4	92.5	92.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.53	0.53
Delay/Veh:	325.2	325	325.2	199.8	202	202.3	0.0	173	173.5	452.8	108	107.6
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:	325.2	325	325.2	199.8	202	202.3	0.0	173	173.5	452.8	108	107.6
LOS by Move:	F	F	F	F	F	F	A	F	F	F	F	F
HCM2kAvgQ:	5	5	5	50	50	50	0	111	111	1	84	84

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

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

Intersection #2927 Chestnut/Mission

Cycle (sec):	150	Critical Vol./Cap.(X):	1.380
Loss Time (sec):	12	Average Delay (sec/veh):	164.8
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Ovl			Include			Include		
Min. Green:	4	4	4	4	4	10	10	10	10	4	4	4
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	2	0 2	1	1 0	1 0	0 1	0	1 0
Volume Module: PM Peak Hour												
Base Vol:	116	255	36	67	383	993	1226	590	31	21	452	88
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:	116	255	36	67	383	993	1226	590	31	21	452	88
Added Vol:	15	53	7	0	79	742	1094	419	9	10	356	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	131	308	43	67	462	1735	2320	1009	40	31	808	88
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	142	335	47	73	502	1886	2522	1097	43	34	878	96
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	142	335	47	73	502	1886	2522	1097	43	34	878	96
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:	142	335	47	73	502	1886	2522	1097	43	34	878	96
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.89	0.88	0.91	0.91	0.70	0.88	0.88	0.88	0.92	0.92	0.92
Lanes:	1.00	1.75	0.25	1.00	2.00	2.00	2.00	0.96	0.04	0.07	1.74	0.19
Final Sat.:	1716	2956	413	1736	3473	2645	3352	1612	64	116	3034	330
Capacity Analysis Module:												
Vol/Sat:	0.08	0.11	0.11	0.04	0.14	0.71	0.75	0.68	0.68	0.29	0.29	0.29
Crit Moves:	****			****			****			****		
Green/Cycle:	0.06	0.12	0.12	0.04	0.10	0.65	0.55	0.55	0.55	0.21	0.21	0.21
Volume/Cap:	1.38	0.94	0.94	0.94	1.38	1.10	1.38	1.25	1.25	1.38	1.38	1.38
Uniform Del:	70.5	65.4	65.4	71.5	67.1	26.2	34.1	34.1	34.1	59.3	59.3	59.3
IncremntDel:	220.1	30.1	30.1	82.1	187	53.3	173.4	115	114.5	179.5	179	179.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	0.69	0.69	0.69	1.00	1.00	1.00
Delay/Veh:	290.6	95.5	95.5	153.6	254	79.5	196.9	138	138.1	238.7	239	238.7
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:	290.6	95.5	95.5	153.6	254	79.5	196.9	138	138.1	238.7	239	238.7
LOS by Move:	F	F	F	F	F	E	F	F	F	F	F	F
HCM2kAvgQ:	13	13	13	6	23	64	101	80	80	42	42	42

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

Intersection #2928 N_Pacific/River

Cycle (sec):	60	Critical Vol./Cap.(X):	0.809
Loss Time (sec):	6	Average Delay (sec/veh):	14.3
Optimal Cycle:	53	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	1	0	1 0 1	1	0	0 1 0
Volume Module:	4:45 - 5:45 PM											
Base Vol:	157	31	59	44	26	17	20	383	188	26	361	51
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:	157	31	59	44	26	17	20	383	188	26	361	51
Added Vol:	69	0	0	0	0	0	0	276	194	6	352	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	226	31	59	44	26	17	20	659	382	32	713	51
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	251	34	66	49	29	19	22	732	424	36	792	57
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	251	34	66	49	29	19	22	732	424	36	792	57
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:	251	34	66	49	29	19	22	732	424	36	792	57
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.70	0.71	0.71	0.76	0.77	0.76	0.14	0.98	0.82	0.21	0.96	0.96
Lanes:	0.72	0.10	0.18	0.51	0.30	0.19	1.00	1.00	1.00	1.00	0.93	0.07
Final Sat.:	953	131	249	734	434	284	271	1862	1566	405	1704	122
Capacity Analysis Module:												
Vol/Sat:	0.26	0.26	0.26	0.07	0.07	0.07	0.08	0.39	0.27	0.09	0.46	0.46
Crit Moves:	****										****	
Green/Cycle:	0.33	0.33	0.33	0.33	0.33	0.33	0.57	0.57	0.57	0.57	0.57	0.57
Volume/Cap:	0.81	0.81	0.81	0.20	0.20	0.20	0.14	0.68	0.47	0.15	0.81	0.81
Uniform Del:	18.5	18.5	18.5	14.6	14.6	14.6	5.9	9.0	7.5	6.0	10.1	10.1
IncremntDel:	10.8	10.8	10.8	0.2	0.2	0.2	0.4	1.9	0.4	0.3	4.8	4.8
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	29.4	29.4	29.4	14.8	14.8	14.8	6.3	10.8	7.8	6.3	14.9	14.9
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:	29.4	29.4	29.4	14.8	14.8	14.8	6.3	10.8	7.8	6.3	14.9	14.9
LOS by Move:	C	C	C	B	B	B	A	B	A	A	B	B
HCM2kAvgQ:	9	9	9	1	1	1	0	11	5	0	15	15

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

Intersection #2929 Center/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.753
Loss Time (sec):	9	Average Delay (sec/veh):	22.3
Optimal Cycle:	58	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	0 1	0	0	0 0	0	0	2 0 1	1 0	2	0 0
Volume Module:PM Peak Hour												
Base Vol:	93	0	536	0	0	0	0	421	61	353	329	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:	93	0	536	0	0	0	0	421	61	353	329	0
Added Vol:	5	0	85	0	0	0	0	422	3	70	362	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	98	0	621	0	0	0	0	843	64	423	691	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	107	0	675	0	0	0	0	916	70	460	751	0
Reduct Vol:	0	0	429	0	0	0	0	0	0	0	0	0
Reduced Vol:	107	0	246	0	0	0	0	916	70	460	751	0
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:	107	0	246	0	0	0	0	916	70	460	751	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	1.00	0.82	1.00	1.00	1.00	1.00	0.95	0.85	0.91	0.91	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	2.00	1.00	1.00	2.00	0.00
Final Sat.:	1734	0	1551	0	0	0	0	3609	1614	1734	3467	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.16	0.00	0.00	0.00	0.00	0.25	0.04	0.27	0.22	0.00
Crit Moves:			****					****		****		
Green/Cycle:	0.21	0.00	0.21	0.00	0.00	0.00	0.00	0.34	0.34	0.35	0.69	0.00
Volume/Cap:	0.29	0.00	0.75	0.00	0.00	0.00	0.00	0.75	0.13	0.75	0.31	0.00
Uniform Del:	29.9	0.0	33.3	0.0	0.0	0.0	0.0	26.5	20.7	25.7	5.5	0.0
IncremntDel:	0.4	0.0	9.5	0.0	0.0	0.0	0.0	2.7	0.1	5.3	0.1	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.94	0.30	0.00
Delay/Veh:	30.3	0.0	42.8	0.0	0.0	0.0	0.0	29.2	20.8	29.5	1.7	0.0
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:	30.3	0.0	42.8	0.0	0.0	0.0	0.0	29.2	20.8	29.5	1.7	0.0
LOS by Move:	C	A	D	A	A	A	A	C	C	C	A	A
HCM2kAvgQ:	3	0	8	0	0	0	0	11	1	12	2	0

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

Intersection #2930 Pacific/Water-Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.742
Loss Time (sec):	9	Average Delay (sec/veh):	24.8
Optimal Cycle:	56	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	0	1	0	1	0	1	2	0	1
Volume Module: >> Count Date: 2 Mar 2004 << 4:45 - 5:45 PM												
Base Vol:	0	0	0	20	182	177	200	622	157	132	451	22
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	0	0	20	182	177	200	622	157	132	451	22
Added Vol:	0	0	0	25	171	33	50	457	0	25	399	15
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	45	353	210	250	1079	157	157	850	37
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	0	0	0	49	384	228	272	1173	171	171	924	40
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	49	384	228	272	1173	171	171	924	40
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:	0	0	0	49	384	228	272	1173	171	171	924	40
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.97	0.97	0.82	0.94	0.92	0.92	0.90	0.93	0.92
Lanes:	0.00	0.00	0.00	0.11	0.89	1.00	1.00	1.75	0.25	2.00	1.92	0.08
Final Sat.:	0	0	0	208	1633	1567	1787	3059	445	3432	3370	147
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.23	0.23	0.15	0.15	0.38	0.38	0.05	0.27	0.27
Crit Moves:				****				****		****		
Green/Cycle:	0.00	0.00	0.00	0.32	0.32	0.32	0.21	0.52	0.52	0.07	0.38	0.38
Volume/Cap:	0.00	0.00	0.00	0.74	0.74	0.46	0.73	0.74	0.74	0.74	0.73	0.73
Uniform Del:	0.0	0.0	0.0	27.5	27.5	24.6	33.3	17.1	17.1	41.2	24.2	24.2
IncremntDel:	0.0	0.0	0.0	5.1	5.1	0.7	7.2	1.7	1.7	12.2	2.1	2.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.74	0.74	1.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	32.6	32.6	25.3	40.5	14.3	14.3	53.5	26.3	26.3
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:	0.0	0.0	0.0	32.6	32.6	25.3	40.5	14.3	14.3	53.5	26.3	26.3
LOS by Move:	A	A	A	C	C	C	D	B	B	D	C	C
HCM2kAvgQ:	0	0	0	12	12	5	8	14	14	4	13	13

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

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

Intersection #2931 River/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	0.992
Loss Time (sec):	12	Average Delay (sec/veh):	49.4
Optimal Cycle:	163	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	0 1	0	1 0	2 0	1	1 0	2 0	1
Volume Module:4:30 - 5:30 PM												
Base Vol:	107	214	209	92	341	39	71	698	59	156	542	200
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:	107	214	209	92	341	39	71	698	59	156	542	200
Added Vol:	4	170	43	220	85	19	11	468	3	48	416	146
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	111	384	252	312	426	58	82	1166	62	204	958	346
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	119	413	271	335	458	62	88	1254	67	219	1030	372
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	119	413	271	335	458	62	88	1254	67	219	1030	372
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:	119	413	271	335	458	62	88	1254	67	219	1030	372
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.90	0.76	0.92	0.95	0.95	0.92	0.92	0.76	0.94	0.94	0.77
Lanes:	1.00	2.00	1.00	1.00	0.88	0.12	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	1718	3437	1445	1751	1593	217	1751	3502	1444	1787	3573	1465
Capacity Analysis Module:												
Vol/Sat:	0.07	0.12	0.19	0.19	0.29	0.29	0.05	0.36	0.05	0.12	0.29	0.25
Crit Moves:			****	****				****		****		
Green/Cycle:	0.07	0.19	0.19	0.19	0.31	0.31	0.07	0.36	0.36	0.12	0.41	0.41
Volume/Cap:	0.93	0.64	0.99	0.99	0.93	0.93	0.70	0.99	0.13	0.99	0.70	0.62
Uniform Del:	41.4	33.6	36.4	36.2	30.3	30.3	40.8	28.6	19.3	39.4	21.8	20.8
IncremntDel:	59.6	2.1	52.2	46.7	23.1	23.1	15.9	23.4	0.1	58.2	1.5	1.9
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	101.0	35.7	88.6	82.9	53.4	53.4	56.7	52.0	19.4	97.6	23.3	22.7
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:	101.0	35.7	88.6	82.9	53.4	53.4	56.7	52.0	19.4	97.6	23.3	22.7
LOS by Move:	F	D	F	F	D	D	E	D	B	F	C	C
HCM2kAvgQ:	6	7	12	15	19	19	4	25	1	11	13	9

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

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                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
********************************************************************************
Intersection #2932 Ocean/Washburn-Keenan
********************************************************************************
Cycle (sec):          95               Critical Vol./Cap.(X):         0.785
Loss Time (sec):       9               Average Delay (sec/veh):        13.3
Optimal Cycle:        64               Level Of Service:                  B
********************************************************************************
Approach:      North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Protected        Protected         Permitted        Permitted
Rights:           Include          Include           Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  1  1  0    1  0  1  1  0    0  0  1! 0  0    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM 2001
Base Vol:       8 1080    17    33 1408     5     2    0     7    16    0    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:    8 1080    17    33 1408     5     2    0     7    16    0    15
Added Vol:     31  460    35    26  325     6    38    0    46    31    0    24
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   39 1540    52    59 1733    11    40    0    53    47    0    39
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    42 1674    57    64 1884    12    43    0    58    51    0    42
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   42 1674    57    64 1884    12    43    0    58    51    0    42
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:   42 1674    57    64 1884    12    43    0    58    51    0    42
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 0.83  0.83  0.93 0.84  0.84  0.60 1.00  0.60  0.54 1.00  0.54
Lanes:       1.00 1.93  0.07  1.00 1.99  0.01  0.43 0.00  0.57  0.55 0.00  0.45
Final Sat.:  1769 3065   103  1769 3161    20   489    0   648   563    0   467
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.02 0.55  0.55  0.04 0.60  0.60  0.09 0.00  0.09  0.09 0.00  0.09
Crit Moves:  ****                 ****                           ****
Green/Cycle: 0.03 0.74  0.74  0.05 0.76  0.76  0.12 0.00  0.12  0.12 0.00  0.12
Volume/Cap:  0.79 0.74  0.74  0.74 0.79  0.79  0.77 0.00  0.77  0.79 0.00  0.79
Uniform Del: 45.7  7.1   7.1  44.6  6.8   6.8  40.8  0.0  40.8  40.9  0.0  40.9
IncremntDel: 52.2  1.3   1.3  27.9  1.8   1.8  23.6  0.0  23.6  28.2  0.0  28.2
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay Adj:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 0.00  1.00  1.00 0.00  1.00
Delay/Veh:   97.9  8.3   8.3  72.5  8.6   8.6  64.4  0.0  64.4  69.0  0.0  69.0
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:  97.9  8.3   8.3  72.5  8.6   8.6  64.4  0.0  64.4  69.0  0.0  69.0
LOS by Move:    F    A     A     E    A     A     E    A     E     E    A     E
HCM2kAvgQ:      3   16    16     3   19    19     5    0     5     5    0     5
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Note: Queue reported is the number of cars per lane.

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

Intersection #2933 Ocean/Water

Cycle (sec):	120	Critical Vol./Cap.(X):	1.464
Loss Time (sec):	12	Average Delay (sec/veh):	172.7
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	2 0	1 1	0	1 0	2 0	1
Volume Module:PM 2001												
Base Vol:	171	908	76	404	1140	187	335	929	130	140	527	249
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:	171	908	76	404	1140	187	335	929	130	140	527	249
Added Vol:	22	386	15	93	239	173	135	573	24	20	415	73
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	193	1294	91	497	1379	360	470	1502	154	160	942	322
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	210	1407	99	540	1499	391	511	1633	167	174	1024	350
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	210	1407	99	540	1499	391	511	1633	167	174	1024	350
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:	210	1407	99	540	1499	391	511	1633	167	174	1024	350
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	0.83	0.93	0.93	0.82	0.90	0.92	0.92	0.93	0.93	0.81
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	1.81	0.19	1.00	2.00	1.00
Final Sat.:	1769	3538	1572	1769	3538	1553	3432	3163	324	1769	3538	1536
Capacity Analysis Module:												
Vol/Sat:	0.12	0.40	0.06	0.31	0.42	0.25	0.15	0.52	0.52	0.10	0.29	0.23
Crit Moves:		****		****				****		****		
Green/Cycle:	0.11	0.27	0.27	0.21	0.38	0.38	0.14	0.35	0.35	0.07	0.28	0.28
Volume/Cap:	1.13	1.46	0.23	1.46	1.13	0.67	1.04	1.46	1.46	1.46	1.04	0.82
Uniform Del:	53.7	43.7	34.0	47.5	37.5	31.3	51.4	38.8	38.8	56.0	43.4	40.6
IncremntDel:	105.0	214	0.3	223.1	68.2	3.1	52.7	213	213.2	248.8	40.9	12.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	158.7	258	34.3	270.6	106	34.4	104.1	252	252.1	304.8	84.3	52.7
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:	158.7	258	34.3	270.6	106	34.4	104.1	252	252.1	304.8	84.3	52.7
LOS by Move:	F	F	C	F	F	C	F	F	F	F	F	D
HCM2kAvgQ:	14	57	3	42	43	13	15	72	72	13	23	12

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

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

Intersection #2934 Market/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	0.942
Loss Time (sec):	9	Average Delay (sec/veh):	34.2
Optimal Cycle:	122	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0 0	0	1 0	0 0	1	1 0	2 0	0	0 0	1 1	0
Volume Module:5:00 - 6:00 PM												
Base Vol:	0	0	0	459	0	108	115	1280	0	0	766	89
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	0	0	459	0	108	115	1280	0	0	766	89
Added Vol:	0	0	0	48	0	81	108	556	0	0	404	39
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	507	0	189	223	1836	0	0	1170	128
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	0	0	0	534	0	199	235	1933	0	0	1232	135
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	534	0	199	235	1933	0	0	1232	135
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:	0	0	0	534	0	199	235	1933	0	0	1232	135
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.93	1.00	0.83	0.93	0.93	1.00	1.00	0.92	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	2.00	0.00	0.00	1.80	0.20
Final Sat.:	0	0	0	1769	0	1583	1769	3538	0	0	3141	344
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.30	0.00	0.13	0.13	0.55	0.00	0.00	0.39	0.39
Crit Moves:				****				****		****		
Green/Cycle:	0.00	0.00	0.00	0.32	0.00	0.32	0.15	0.58	0.00	0.00	0.43	0.43
Volume/Cap:	0.00	0.00	0.00	0.94	0.00	0.39	0.91	0.94	0.00	0.00	0.91	0.91
Uniform Del:	0.0	0.0	0.0	29.8	0.0	23.8	37.8	17.5	0.0	0.0	23.8	23.8
IncremntDel:	0.0	0.0	0.0	24.3	0.0	0.5	32.1	9.5	0.0	0.0	8.1	8.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	54.1	0.0	24.3	69.9	27.0	0.0	0.0	31.9	31.9
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:	0.0	0.0	0.0	54.1	0.0	24.3	69.9	27.0	0.0	0.0	31.9	31.9
LOS by Move:	A	A	A	D	A	C	E	C	A	A	C	C
HCM2kAvgQ:	0	0	0	19	0	5	6	24	0	0	17	17

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

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

Intersection #2935 N_Branciforte/Water

Cycle (sec):	100	Critical Vol./Cap.(X):	1.129
Loss Time (sec):	12	Average Delay (sec/veh):	76.1
Optimal Cycle:	200	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	2	0 1	1 0	1	1 0
Volume Module:5:00 - 6:00 PM												
Base Vol:	232	257	59	40	172	62	349	860	388	87	644	48
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:	232	257	59	40	172	62	349	860	388	87	644	48
Added Vol:	90	66	19	1	47	67	109	413	82	14	286	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	322	323	78	41	219	129	458	1273	470	101	930	50
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	346	347	84	44	235	139	492	1369	505	109	1000	54
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	346	347	84	44	235	139	492	1369	505	109	1000	54
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:	346	347	84	44	235	139	492	1369	505	109	1000	54
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.95	0.95	0.93	0.93	0.92	0.91	0.91	0.68	0.93	0.92	0.92
Lanes:	1.00	0.81	0.19	1.00	0.63	0.37	1.00	2.00	1.00	1.00	1.90	0.10
Final Sat.:	1769	1456	352	1769	1102	649	1734	3467	1285	1769	3330	179
Capacity Analysis Module:												
Vol/Sat:	0.20	0.24	0.24	0.02	0.21	0.21	0.28	0.39	0.39	0.06	0.30	0.30
Crit Moves:	****				****		****				****	
Green/Cycle:	0.17	0.33	0.33	0.03	0.19	0.19	0.25	0.45	0.45	0.07	0.27	0.27
Volume/Cap:	1.13	0.73	0.73	0.73	1.13	1.13	1.13	0.88	0.88	0.88	1.13	1.13
Uniform Del:	41.3	29.6	29.6	47.8	40.5	40.5	37.4	25.2	25.1	46.1	36.7	36.7
IncremntDel:	91.0	4.5	4.5	35.4	89.1	89.1	83.3	6.3	14.4	46.9	71.8	71.8
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	132.3	34.1	34.1	83.2	130	129.7	120.8	31.4	39.5	93.0	109	108.5
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:	132.3	34.1	34.1	83.2	130	129.7	120.8	31.4	39.5	93.0	109	108.5
LOS by Move:	F	C	C	F	F	F	F	C	D	F	F	F
HCM2kAvgQ:	19	13	13	3	20	20	22	19	14	6	29	29

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                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
********************************************************************************
Intersection #2936 Seabright/Water
********************************************************************************
Average Delay (sec/veh):     59.6       Worst Case Level Of Service: F[1432.3]
********************************************************************************
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    0  0  0  1  0    1  0  1  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM
Base Vol:      30    0    40     0    0     0     0  952    89    15  749     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:   30    0    40     0    0     0     0  952    89    15  749     0
Added Vol:     30    0     9     0    0     0     0  401    32     8  272     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   60    0    49     0    0     0     0 1353   121    23 1021     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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:    67    0    54     0    0     0     0 1503   134    26 1134     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:   67    0    54     0    0     0     0 1503   134    26 1134     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  6.4  6.5   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   4.1 xxxx xxxxx
FollowUpTim:  3.5  4.0   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   2.2 xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 2756 2756  1571  xxxx xxxx xxxxx  xxxx xxxx xxxxx  1638 xxxx xxxxx
Potent Cap.:   22   20   136  xxxx xxxx xxxxx  xxxx xxxx xxxxx   396 xxxx xxxxx
Move Cap.:     21   18   136  xxxx xxxx xxxxx  xxxx xxxx xxxxx   396 xxxx xxxxx
Volume/Cap:  3.23 0.00  0.40  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.06 xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.2 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx  14.7 xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     B    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx   33 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx 14.2 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx 1432 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    F     *     *    *     *     *    *     *     *    *     *
ApproachDel:    1432.3           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         F                *                *                *
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2937 Morrissey/Soquel/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	1.002
Loss Time (sec):	9	Average Delay (sec/veh):	43.2
Optimal Cycle:	189	Level Of Service:	D

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	1	0 1	2 0	1	1 0	1 0	2	0 1
Volume Module:												
Base Vol:	19	108	15	249	219	0	471	1252	38	57	1200	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:	19	108	15	249	219	0	471	1252	38	57	1200	0
Added Vol:	0	19	15	44	14	75	64	443	0	6	289	36
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	19	127	30	293	233	75	535	1695	38	63	1489	36
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	20	134	32	308	245	79	563	1784	40	66	1567	38
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	20	134	32	308	245	79	563	1784	40	66	1567	38
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:	20	134	32	308	245	79	563	1784	40	66	1567	38
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.43	0.95	0.95	0.55	0.98	0.83	0.90	0.93	0.93	0.93	0.93	0.83
Lanes:	1.00	0.81	0.19	1.00	1.00	1.00	2.00	1.96	0.04	1.00	2.00	1.00
Final Sat.:	821	1463	345	1048	1862	1583	3432	3450	77	1769	3538	1583
Capacity Analysis Module:												
Vol/Sat:	0.02	0.09	0.09	0.29	0.13	0.05	0.16	0.52	0.52	0.04	0.44	0.02
Crit Moves:				****			****				****	
Green/Cycle:	0.29	0.29	0.29	0.29	0.29	0.29	0.16	0.57	0.57	0.04	0.44	0.44
Volume/Cap:	0.08	0.31	0.31	1.00	0.45	0.17	1.00	0.91	0.91	0.91	1.00	0.05
Uniform Del:	23.0	24.7	24.7	31.8	25.8	23.6	37.6	17.6	17.6	43.0	25.1	14.3
IncremntDel:	0.1	0.3	0.3	51.7	0.6	0.2	38.3	7.1	7.1	76.8	23.1	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	23.2	25.0	25.0	83.4	26.4	23.8	75.9	24.7	24.7	119.8	48.2	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:	23.2	25.0	25.0	83.4	26.4	23.8	75.9	24.7	24.7	119.8	48.2	14.4
LOS by Move:	C	C	C	F	C	C	E	C	C	F	D	B
HCM2kAvgQ:	0	4	4	14	6	2	13	28	28	2	27	1

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

Intersection #2938 Frederick/Soquel

Cycle (sec):	90	Critical Vol./Cap.(X):	1.090
Loss Time (sec):	9	Average Delay (sec/veh):	55.7
Optimal Cycle:	200	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	0 1	0	0	0 0	0	0	1 1 0	1 0	2	0 0
Volume Module:												
Base Vol:	125	0	411	0	0	0	0	1292	53	196	1105	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:	125	0	411	0	0	0	0	1292	53	196	1105	0
Added Vol:	21	0	22	0	0	0	0	463	40	30	311	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	146	0	433	0	0	0	0	1755	93	226	1416	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	154	0	456	0	0	0	0	1847	98	238	1491	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	154	0	456	0	0	0	0	1847	98	238	1491	0
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:	154	0	456	0	0	0	0	1847	98	238	1491	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	1.00	0.82	1.00	1.00	1.00	1.00	0.92	0.92	0.93	0.93	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.90	0.10	1.00	2.00	0.00
Final Sat.:	1769	0	1559	0	0	0	0	3336	177	1769	3538	0
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.29	0.00	0.00	0.00	0.00	0.55	0.55	0.13	0.42	0.00
Crit Moves:			****					****		****		
Green/Cycle:	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.51	0.51	0.12	0.63	0.00
Volume/Cap:	0.32	0.00	1.09	0.00	0.00	0.00	0.00	1.09	1.09	1.09	0.67	0.00
Uniform Del:	26.4	0.0	32.9	0.0	0.0	0.0	0.0	22.1	22.1	39.4	10.5	0.0
IncremntDel:	0.4	0.0	70.3	0.0	0.0	0.0	0.0	50.1	50.1	86.8	0.8	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	26.8	0.0	103.2	0.0	0.0	0.0	0.0	72.3	72.3	126.3	11.3	0.0
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:	26.8	0.0	103.2	0.0	0.0	0.0	0.0	72.3	72.3	126.3	11.3	0.0
LOS by Move:	C	A	F	A	A	A	A	E	E	F	B	A
HCM2kAvgQ:	4	0	22	0	0	0	0	38	38	13	14	0

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

Intersection #2939 Hagemann-Trevethan/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.821
Loss Time (sec):	6	Average Delay (sec/veh):	11.4
Optimal Cycle:	63	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	1	0	1 1 0	0	1	0 1 0
Volume Module:												
Base Vol:	60	12	34	74	11	54	17	1706	32	22	1222	24
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:	60	12	34	74	11	54	17	1706	32	22	1222	24
Added Vol:	17	2	0	0	3	32	52	386	21	0	281	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	77	14	34	74	14	86	69	2092	53	22	1503	24
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	81	15	36	78	15	91	73	2202	56	23	1582	25
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	81	15	36	78	15	91	73	2202	56	23	1582	25
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:	81	15	36	78	15	91	73	2202	56	23	1582	25
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.59	0.59	0.59	0.74	0.74	0.73	0.12	0.93	0.93	0.80	0.80	0.80
Lanes:	0.62	0.11	0.27	0.42	0.08	0.50	1.00	1.95	0.05	0.03	1.94	0.03
Final Sat.:	688	125	304	594	112	690	221	3437	87	43	2939	47
Capacity Analysis Module:												
Vol/Sat:	0.12	0.12	0.12	0.13	0.13	0.13	0.33	0.64	0.64	0.54	0.54	0.54
Crit Moves:					****			****				
Green/Cycle:	0.16	0.16	0.16	0.16	0.16	0.16	0.78	0.78	0.78	0.78	0.78	0.78
Volume/Cap:	0.74	0.74	0.74	0.82	0.82	0.82	0.42	0.82	0.82	0.69	0.69	0.69
Uniform Del:	40.0	40.0	40.0	40.6	40.6	40.6	3.6	6.7	6.7	5.2	5.2	5.2
IncremntDel:	14.9	14.9	14.9	21.0	21.0	21.0	1.7	2.1	2.1	0.9	0.9	0.9
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	54.9	54.9	54.9	61.6	61.6	61.6	5.2	8.8	8.8	6.1	6.1	6.1
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:	54.9	54.9	54.9	61.6	61.6	61.6	5.2	8.8	8.8	6.1	6.1	6.1
LOS by Move:	D	D	D	E	E	E	A	A	A	A	A	A
HCM2kAvgQ:	6	6	6	8	8	8	1	24	24	13	13	13

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

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

Intersection #2940 Park/Soquel

Cycle (sec):	90	Critical Vol./Cap.(X):	0.977
Loss Time (sec):	6	Average Delay (sec/veh):	20.6
Optimal Cycle:	164	Level Of Service:	C

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 1 0	0	1	0 1 0
Volume Module:												
Base Vol:	13	18	19	128	7	69	39	1780	11	9	1169	28
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:	13	18	19	128	7	69	39	1780	11	9	1169	28
Added Vol:	40	0	7	0	0	1	0	367	19	3	240	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	18	26	128	7	70	39	2147	30	12	1409	28
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	56	19	27	135	7	74	41	2260	32	13	1483	29
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	19	27	135	7	74	41	2260	32	13	1483	29
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:	56	19	27	135	7	74	41	2260	32	13	1483	29
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.73	0.73	0.73	0.68	0.69	0.69	0.82	0.82	0.82	0.83	0.83	0.83
Lanes:	0.55	0.18	0.27	0.63	0.03	0.34	0.03	1.94	0.03	0.02	1.94	0.04
Final Sat.:	760	258	373	813	44	445	55	3027	42	26	3072	61
Capacity Analysis Module:												
Vol/Sat:	0.07	0.07	0.07	0.17	0.17	0.17	0.75	0.75	0.75	0.48	0.48	0.48
Crit Moves:					****			****				
Green/Cycle:	0.17	0.17	0.17	0.17	0.17	0.17	0.76	0.76	0.76	0.76	0.76	0.76
Volume/Cap:	0.43	0.43	0.43	0.98	0.98	0.98	0.98	0.98	0.98	0.63	0.63	0.63
Uniform Del:	33.5	33.5	33.5	37.2	37.2	37.2	9.9	9.9	9.9	4.9	4.9	4.9
IncremntDel:	1.3	1.3	1.3	53.9	53.9	53.9	13.5	13.5	13.5	0.6	0.6	0.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	34.8	34.8	34.8	91.1	91.1	91.1	23.4	23.4	23.4	5.4	5.4	5.4
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:	34.8	34.8	34.8	91.1	91.1	91.1	23.4	23.4	23.4	5.4	5.4	5.4
LOS by Move:	C	C	C	F	F	F	C	C	C	A	A	A
HCM2kAvgQ:	3	3	3	10	10	10	35	35	35	10	10	10

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

Intersection #2941 Capitola_Rd/Soquel_Av

Cycle (sec):	90	Critical Vol./Cap.(X):	0.684
Loss Time (sec):	12	Average Delay (sec/veh):	25.4
Optimal Cycle:	56	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ignore			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 1	0	0 1	0	1	0 0 1	1	0	2 0 1	1	0	1 1 0
Volume Module:												
Base Vol:	542	16	77	47	25	28	20	836	859	79	595	25
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:	542	16	77	47	25	28	20	836	859	79	595	25
Added Vol:	166	0	0	0	0	0	0	84	290	0	77	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	708	16	77	47	25	28	20	920	1149	79	672	25
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.00	0.92	0.92	0.92
PHF Volume:	770	17	84	51	27	30	22	1000	0	86	730	27
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	770	17	84	51	27	30	22	1000	0	86	730	27
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	770	17	84	51	27	30	22	1000	0	86	730	27
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.82	0.97	0.97	0.85	0.95	0.95	1.00	0.91	0.91	0.91
Lanes:	1.96	0.04	1.00	0.65	0.35	1.00	1.00	2.00	1.00	1.00	1.93	0.07
Final Sat.:	3436	78	1567	1200	638	1614	1804	3609	1700	1734	3326	124
Capacity Analysis Module:												
Vol/Sat:	0.22	0.22	0.05	0.04	0.04	0.02	0.01	0.28	0.00	0.05	0.22	0.22
Crit Moves:	****				****			****			****	
Green/Cycle:	0.33	0.33	0.33	0.06	0.06	0.06	0.02	0.40	0.00	0.07	0.45	0.45
Volume/Cap:	0.68	0.68	0.16	0.68	0.68	0.30	0.49	0.68	0.00	0.68	0.49	0.49
Uniform Del:	26.2	26.2	21.5	41.3	41.3	40.3	43.3	22.0	0.0	40.7	17.3	17.3
IncremntDel:	1.7	1.7	0.2	15.8	15.8	1.7	8.1	1.4	0.0	14.5	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Delay/Veh:	28.0	28.0	21.7	57.2	57.2	42.0	51.4	23.4	0.0	55.3	17.5	17.5
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:	28.0	28.0	21.7	57.2	57.2	42.0	51.4	23.4	0.0	55.3	17.5	17.5
LOS by Move:	C	C	C	E	E	D	D	C	A	E	B	B
HCM2kAvgQ:	11	11	2	4	4	1	1	11	0	2	8	8

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

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

Intersection #2942 La_Fonda_Av/Soquel_Av

Cycle (sec):	100	Critical Vol./Cap.(X):	0.315
Loss Time (sec):	12	Average Delay (sec/veh):	10.8
Optimal Cycle:	32	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Ovl			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1	0	0	1	1	0	1	0	1	1	0
Volume Module:												
Base Vol:	1	1	1	52	0	55	75	701	2	2	467	69
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:	1	1	1	52	0	55	75	701	2	2	467	69
Added Vol:	0	0	0	0	0	21	22	62	0	0	57	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	1	1	52	0	76	97	763	2	2	524	69
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	1	1	1	57	0	83	105	829	2	2	570	75
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	1	1	1	57	0	83	105	829	2	2	570	75
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:	1	1	1	57	0	83	105	829	2	2	570	75
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	1.00	0.83	0.93	0.93	0.93	0.94	0.92	0.92
Lanes:	0.34	0.33	0.33	1.00	0.00	1.00	1.00	1.99	0.01	1.00	1.77	0.23
Final Sat.:	583	583	583	1773	0	1583	1769	3529	9	1787	3104	409
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.03	0.00	0.05	0.06	0.24	0.24	0.00	0.18	0.18
Crit Moves:		****			****			****			****	
Green/Cycle:	0.01	0.01	0.01	0.10	0.00	0.29	0.19	0.77	0.77	0.00	0.58	0.58
Volume/Cap:	0.31	0.31	0.31	0.31	0.00	0.18	0.31	0.31	0.31	0.31	0.31	0.31
Uniform Del:	49.5	49.5	49.5	41.7	0.0	26.5	34.9	3.5	3.5	49.7	10.6	10.6
IncremntDel:	16.6	16.6	16.6	1.0	0.0	0.2	0.5	0.1	0.1	22.9	0.1	0.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delay/Veh:	66.1	66.1	66.1	42.7	0.0	26.7	35.5	3.6	3.6	72.5	10.7	10.7
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:	66.1	66.1	66.1	42.7	0.0	26.7	35.5	3.6	3.6	72.5	10.7	10.7
LOS by Move:	E	E	E	D	A	C	D	A	A	E	B	B
HCM2kAvgQ:	0	0	0	2	0	2	3	4	4	0	5	5

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

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--------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
********************************************************************************
Intersection #2943 California_Ave/Bay
********************************************************************************
Cycle (sec):           1                Critical Vol./Cap.(X):         1.567
Loss Time (sec):       0                Average Delay (sec/veh):       188.5
Optimal Cycle:         0                Level Of Service:                  F
********************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        1  0  0  0  1    0  0  0  0  0    0  0  0  1  0    0  1  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM
Base Vol:     191    0    36     0    0     0     0  511   142    58  471     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:  191    0    36     0    0     0     0  511   142    58  471     0
Added Vol:     78    0    11     0    0     0     0  145    62     6  137     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  269    0    47     0    0     0     0  656   204    64  608     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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:   292    0    51     0    0     0     0  713   222    70  661     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  292    0    51     0    0     0     0  713   222    70  661     0
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:  292    0    51     0    0     0     0  713   222    70  661     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       1.00 0.00  1.00  0.00 0.00  0.00  0.00 0.76  0.24  0.10 0.90  0.00
Final Sat.:   458    0   539     0    0     0     0  455   141    55  526     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.64 xxxx  0.09  xxxx xxxx  xxxx  xxxx 1.57  1.57  1.26 1.26  xxxx
Crit Moves:  ****                                  ****               ****
Delay/Veh:   23.5  0.0  10.1   0.0  0.0   0.0   0.0  280 280.0 149.9  150   0.0
Delay 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
AdjDel/Veh:  23.5  0.0  10.1   0.0  0.0   0.0   0.0  280 280.0 149.9  150   0.0
LOS by Move:    C    *     B     *    *     *     *    F     F     F    F     *
ApproachDel:      21.5           xxxxxx            280.0            149.9
Delay Adj:        1.00            xxxxx             1.00             1.00
ApprAdjDel:       21.5           xxxxxx            280.0            149.9
LOS by Appr:         C                *                F                F
AllWayAvgQ:   1.6  0.0   0.1   0.0  0.0   0.0  44.9 44.9  44.9  22.7 22.7  22.7
********************************************************************************
Note: Queue reported is the number of cars per lane.
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                      Level Of Service Computation Report
            2000 HCM Unsignalized Method (Future Volume Alternative)
********************************************************************************
Intersection #2944 California_St/Bay
********************************************************************************
Average Delay (sec/veh):    241.4       Worst Case Level Of Service: F[1326.0]
********************************************************************************
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  0  0  0    0  0  1! 0  0    0  1  0  0  0    0  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:November 2003
Base Vol:       0    0     0   212    0    88   128  441     0     0  338   334
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    0     0   212    0    88   128  441     0     0  338   334
Added Vol:      0    0     0    51    0     7     4  156     0     0  128    86
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     0   263    0    95   132  597     0     0  466   420
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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:     0    0     0   292    0   106   147  663     0     0  518   467
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     0   292    0   106   147  663     0     0  518   467
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx   6.4  6.5   6.2   4.1 xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx xxxxx   3.5  4.0   3.3   2.2 xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  1708 1708   751   984 xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx xxxxx   100   91   411   702 xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx xxxxx    83   70   411   702 xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  xxxx  3.54 0.00  0.26  0.21 xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.8 xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx  11.5 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  106 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx 40.2 xxxxx   0.8 xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx 1326 xxxxx  11.5 xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    F     *     B    *     *     *    *     *
ApproachDel:    xxxxxx           1326.0           xxxxxx           xxxxxx
ApproachLOS:         *                F                *                *
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
```

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

Intersection #2945 California_St/Laurel_St

Cycle (sec):	80	Critical Vol./Cap.(X):	0.937
Loss Time (sec):	9	Average Delay (sec/veh):	33.5
Optimal Cycle:	110	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 0 1	0	1	0 0 1 0
Volume Module:PM Peak Hour												
Base Vol:	35	224	237	23	169	29	11	515	30	110	529	20
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:	35	224	237	23	169	29	11	515	30	110	529	20
Added Vol:	0	0	89	0	0	0	0	313	0	58	223	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	35	224	326	23	169	29	11	828	30	168	752	20
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	38	243	354	25	184	32	12	900	33	183	817	22
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	243	354	25	184	32	12	900	33	183	817	22
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:	38	243	354	25	184	32	12	900	33	183	817	22
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.90	0.84	0.85	0.85	0.85	0.93	0.98	0.98	0.90	0.95	0.95
Lanes:	0.14	0.86	1.00	0.10	0.77	0.13	1.00	0.97	0.03	1.00	0.97	0.03
Final Sat.:	232	1483	1599	169	1241	213	1769	1788	65	1716	1752	47
Capacity Analysis Module:												
Vol/Sat:	0.16	0.16	0.22	0.15	0.15	0.15	0.01	0.50	0.50	0.11	0.47	0.47
Crit Moves:			****					****		****		
Green/Cycle:	0.24	0.24	0.24	0.24	0.24	0.24	0.01	0.54	0.54	0.11	0.64	0.64
Volume/Cap:	0.69	0.69	0.94	0.63	0.63	0.63	0.73	0.94	0.94	0.94	0.73	0.73
Uniform Del:	27.9	27.9	29.9	27.4	27.4	27.4	39.5	17.2	17.2	35.2	9.6	9.6
IncremntDel:	5.1	5.1	30.6	3.2	3.2	3.2	95.0	15.6	15.6	46.6	2.4	2.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	33.0	33.0	60.5	30.6	30.6	30.6	134.5	32.8	32.8	81.8	12.0	12.0
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:	33.0	33.0	60.5	30.6	30.6	30.6	134.5	32.8	32.8	81.8	12.0	12.0
LOS by Move:	C	C	E	C	C	C	F	C	C	F	B	B
HCM2kAvgQ:	8	8	13	6	6	6	0	20	20	8	15	15

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

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

Intersection #2946 Chestnut/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.926
Loss Time (sec):	9	Average Delay (sec/veh):	31.9
Optimal Cycle:	105	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lanes:	0 1	0	0 1	0 1	0	0 1	1 0	1	0 1	1 0	0	1 0
Volume Module: >> Count Date: 30 Sep 2004 << 5:00 - 6:00 PM												
Base Vol:	129	37	70	23	36	44	60	632	70	57	588	25
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:	129	37	70	23	36	44	60	632	70	57	588	25
Added Vol:	12	22	25	3	36	32	51	350	21	22	278	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	141	59	95	26	72	76	111	982	91	79	866	28
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	157	66	106	29	80	84	123	1091	101	88	962	31
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	157	66	106	29	80	84	123	1091	101	88	962	31
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:	157	66	106	29	80	84	123	1091	101	88	962	31
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.62	0.65	0.79	0.84	0.85	0.76	0.93	0.98	0.79	0.93	0.98	0.97
Lanes:	0.72	0.28	1.00	0.27	0.73	1.00	1.00	1.00	1.00	1.00	0.97	0.03
Final Sat.:	839	351	1492	426	1179	1437	1769	1862	1501	1769	1795	58
Capacity Analysis Module:												
Vol/Sat:	0.19	0.19	0.07	0.07	0.07	0.06	0.07	0.59	0.07	0.05	0.54	0.54
Crit Moves:	****							****		****		
Green/Cycle:	0.20	0.20	0.20	0.20	0.20	0.20	0.08	0.63	0.63	0.05	0.61	0.61
Volume/Cap:	0.93	0.93	0.35	0.34	0.34	0.29	0.88	0.93	0.11	0.93	0.88	0.88
Uniform Del:	31.4	31.4	27.4	27.4	27.4	27.1	36.5	13.0	5.8	37.7	13.3	13.3
IncremntDel:	38.5	38.5	0.7	0.6	0.6	0.6	43.4	12.4	0.0	68.7	8.5	8.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	69.9	69.9	28.2	28.0	28.0	27.7	79.9	25.4	5.8	106.4	21.8	21.8
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:	69.9	69.9	28.2	28.0	28.0	27.7	79.9	25.4	5.8	106.4	21.8	21.8
LOS by Move:	E	E	C	C	C	C	E	C	A	F	C	C
HCM2kAvgQ:	9	9	3	3	3	2	6	29	1	5	24	24

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

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

Intersection #2947 Center/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.907
Loss Time (sec):	9	Average Delay (sec/veh):	25.3
Optimal Cycle:	96	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	1	0	0	1	0	1	0	0	1	0
Volume Module:PM Peak (w/ Cedar St. adjustments)												
Base Vol:	61	78	45	107	59	50	30	588	63	56	521	38
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:	61	78	45	107	59	50	30	588	63	56	521	38
Added Vol:	1	16	11	26	18	0	0	377	2	0	302	20
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	62	94	56	133	77	50	30	965	65	56	823	58
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	67	102	61	145	84	54	33	1049	71	61	895	63
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	67	102	61	145	84	54	33	1049	71	61	895	63
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:	67	102	61	145	84	54	33	1049	71	61	895	63
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.73	0.73	0.83	0.46	0.92	0.92	0.93	0.97	0.97	0.93	0.97	0.97
Lanes:	0.40	0.60	1.00	1.00	0.61	0.39	1.00	0.94	0.06	1.00	0.93	0.07
Final Sat.:	554	839	1583	881	1062	690	1769	1729	116	1769	1722	121
Capacity Analysis Module:												
Vol/Sat:	0.12	0.12	0.04	0.16	0.08	0.08	0.02	0.61	0.61	0.03	0.52	0.52
Crit Moves:				****				****		****		
Green/Cycle:	0.18	0.18	0.18	0.18	0.18	0.18	0.02	0.67	0.67	0.04	0.68	0.68
Volume/Cap:	0.67	0.67	0.21	0.91	0.44	0.44	0.76	0.91	0.91	0.91	0.76	0.76
Uniform Del:	30.6	30.6	27.9	32.1	29.1	29.1	38.8	11.2	11.2	38.3	8.4	8.4
IncremntDel:	7.0	7.0	0.4	45.2	1.0	1.0	55.3	9.8	9.8	78.0	2.8	2.8
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	37.5	37.5	28.3	77.3	30.1	30.1	94.1	21.0	21.0	116.3	11.2	11.2
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:	37.5	37.5	28.3	77.3	30.1	30.1	94.1	21.0	21.0	116.3	11.2	11.2
LOS by Move:	D	D	C	E	C	C	F	C	C	F	B	B
HCM2kAvgQ:	5	5	1	7	3	3	2	28	28	1	14	14

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

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                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
********************************************************************************
Intersection #2948 Cedar/Laurel
********************************************************************************
Average Delay (sec/veh):      1.8       Worst Case Level Of Service: D[ 27.3]
********************************************************************************
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  0  0  1    0  0  0  0  1    1  0  0  1  0    0  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM Peak (w/ Cedar St. adjustments)
Base Vol:       0    0    14     0    0   106    41  808    26     0  586    83
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    0    14     0    0   106    41  808    26     0  586    83
Added Vol:      0    0     0     0    0    10    27  387     0     0  312    11
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0    14     0    0   116    68 1195    26     0  898    94
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:     0    0    15     0    0   126    74 1299    28     0  976   102
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0    15     0    0   126    74 1299    28     0  976   102
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx   6.2   4.1 xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx   3.3   2.2 xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx  1313  xxxx xxxx  1027  1078 xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   194  xxxx xxxx   285   647 xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   194  xxxx xxxx   285   647 xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.08  xxxx xxxx  0.44  0.11 xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.3  xxxx xxxx   2.2   0.4 xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  25.2 xxxxx xxxx  27.3  11.3 xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     D     *    *     D     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 xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      25.2             27.3           xxxxxx           xxxxxx
ApproachLOS:         D                D                *                *
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2949 Pacific/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	1.002
Loss Time (sec):	9	Average Delay (sec/veh):	46.0
Optimal Cycle:	169	Level Of Service:	D

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0	1	0	0 1 0
Volume Module: PM Peak (w/ Cedar St. adjustments)												
Base Vol:	54	85	40	85	45	27	78	701	39	57	631	74
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:	54	85	40	85	45	27	78	701	39	57	631	74
Added Vol:	2	5	0	6	10	29	72	313	2	1	292	12
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	90	40	91	55	56	150	1014	41	58	923	86
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	62	99	44	100	60	62	165	1114	45	64	1014	95
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	62	99	44	100	60	62	165	1114	45	64	1014	95
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:	62	99	44	100	60	62	165	1114	45	64	1014	95
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.75	0.75	0.83	0.60	0.60	0.60	0.93	0.97	0.97	0.93	0.97	0.97
Lanes:	0.38	0.62	1.00	0.45	0.27	0.28	1.00	0.96	0.04	1.00	0.91	0.09
Final Sat.:	550	884	1583	518	313	319	1769	1779	72	1769	1681	157
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.03	0.19	0.19	0.19	0.09	0.63	0.63	0.04	0.60	0.60
Crit Moves:					****		****				****	
Green/Cycle:	0.19	0.19	0.19	0.19	0.19	0.19	0.09	0.66	0.66	0.04	0.60	0.60
Volume/Cap:	0.58	0.58	0.14	1.00	1.00	1.00	1.00	0.95	0.95	0.95	1.00	1.00
Uniform Del:	29.4	29.4	26.8	32.3	32.3	32.3	36.3	12.6	12.6	38.4	15.9	15.9
IncremntDel:	3.1	3.1	0.2	61.1	61.1	61.1	70.8	15.9	15.9	93.4	27.6	27.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	32.5	32.5	27.0	93.4	93.4	93.4	107.1	28.5	28.5	131.8	43.6	43.6
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:	32.5	32.5	27.0	93.4	93.4	93.4	107.1	28.5	28.5	131.8	43.6	43.6
LOS by Move:	C	C	C	F	F	F	F	C	C	F	D	D
HCM2kAvgQ:	5	5	1	10	10	10	5	27	27	2	29	29

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

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

Intersection #2950 Front/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.977
Loss Time (sec):	12	Average Delay (sec/veh):	41.8
Optimal Cycle:	134	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	1	1 0	1 0	1	1 0	1 1	0	1 0	1 0	1
Volume Module:PM Peak (w/ Cedar St. adjustments)												
Base Vol:	3	144	190	134	255	209	121	653	26	180	512	135
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:	3	144	190	134	255	209	121	653	26	180	512	135
Added Vol:	0	70	51	52	89	26	24	295	0	36	278	47
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	3	214	241	186	344	235	145	948	26	216	790	182
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	3	233	262	202	374	255	158	1030	28	235	859	198
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	3	233	262	202	374	255	158	1030	28	235	859	198
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:	3	233	262	202	374	255	158	1030	28	235	859	198
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.98	0.83	0.93	0.98	0.83	0.93	0.93	0.93	0.93	0.98	0.83
Lanes:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.95	0.05	1.00	1.00	1.00
Final Sat.:	1769	1862	1583	1769	1862	1583	1769	3430	94	1769	1862	1583
Capacity Analysis Module:												
Vol/Sat:	0.00	0.12	0.17	0.11	0.20	0.16	0.09	0.30	0.30	0.13	0.46	0.12
Crit Moves:			****	****			****				****	
Green/Cycle:	0.00	0.17	0.17	0.12	0.28	0.28	0.09	0.39	0.39	0.17	0.47	0.47
Volume/Cap:	0.71	0.74	0.98	0.98	0.71	0.57	0.98	0.77	0.77	0.77	0.98	0.26
Uniform Del:	39.9	31.5	33.1	35.2	25.7	24.5	36.3	21.2	21.2	31.6	20.7	12.7
IncremntDel:	203.8	8.8	48.3	55.6	4.4	1.7	63.6	2.7	2.7	11.3	24.6	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	243.7	40.3	81.3	90.8	30.0	26.2	99.9	23.9	23.9	42.8	45.3	12.9
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:	243.7	40.3	81.3	90.8	30.0	26.2	99.9	23.9	23.9	42.8	45.3	12.9
LOS by Move:	F	D	F	F	C	C	F	C	C	D	D	B
HCM2kAvgQ:	1	7	11	6	8	5	4	11	11	6	24	3

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

Intersection #2951 Front/Metro_Center

Cycle (sec):	60	Critical Vol./Cap.(X):	0.528
Loss Time (sec):	6	Average Delay (sec/veh):	2.6
Optimal Cycle:	27	Level Of Service:	A

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 0	1	0 0	1! 0	0	0 0	0 0	0
Volume Module:PM Peak (w/ Cedar St. adjustments)												
Base Vol:	13	465	0	0	545	15	13	0	18	0	0	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:	13	465	0	0	545	15	13	0	18	0	0	0
Added Vol:	0	142	0	0	167	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	13	607	0	0	712	15	13	0	18	0	0	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:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PHF Volume:	15	690	0	0	809	17	15	0	20	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	15	690	0	0	809	17	15	0	20	0	0	0
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:	15	690	0	0	809	17	15	0	20	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.31	0.98	1.00	1.00	0.98	0.83	0.45	1.00	0.45	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.00	1.00	0.42	0.00	0.58	0.00	0.00	0.00
Final Sat.:	583	1862	0	0	1862	1583	360	0	498	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.03	0.37	0.00	0.00	0.43	0.01	0.04	0.00	0.04	0.00	0.00	0.00
Crit Moves:					****		****					
Green/Cycle:	0.82	0.82	0.00	0.00	0.82	0.82	0.08	0.00	0.08	0.00	0.00	0.00
Volume/Cap:	0.03	0.45	0.00	0.00	0.53	0.01	0.53	0.00	0.53	0.00	0.00	0.00
Uniform Del:	1.0	1.5	0.0	0.0	1.7	1.0	26.6	0.0	26.6	0.0	0.0	0.0
IncremntDel:	0.0	0.2	0.0	0.0	0.3	0.0	7.8	0.0	7.8	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	1.0	1.7	0.0	0.0	2.0	1.0	34.4	0.0	34.4	0.0	0.0	0.0
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:	1.0	1.7	0.0	0.0	2.0	1.0	34.4	0.0	34.4	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	C	A	C	A	A	A
HCM2kAvgQ:	0	4	0	0	5	0	1	0	1	0	0	0

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

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

Intersection #2952 Front/Cathcart

Cycle (sec):	85	Critical Vol./Cap.(X):	0.496
Loss Time (sec):	6	Average Delay (sec/veh):	9.0
Optimal Cycle:	27	Level Of Service:	A

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 1	0	1 0	0 0	1	0 0	0 0	0
Volume Module: PM Peak (w/ Cedar St. adjustments)												
Base Vol:	56	426	0	0	592	153	98	0	66	0	0	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:	56	426	0	0	592	153	98	0	66	0	0	0
Added Vol:	52	90	0	0	129	132	80	0	38	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	516	0	0	721	285	178	0	104	0	0	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	114	543	0	0	759	300	187	0	109	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	114	543	0	0	759	300	187	0	109	0	0	0
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:	114	543	0	0	759	300	187	0	109	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.25	0.80	1.00	1.00	0.82	0.82	0.95	1.00	0.68	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.43	0.57	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	481	1520	0	0	2231	882	1805	0	1292	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.24	0.36	0.00	0.00	0.34	0.34	0.10	0.00	0.08	0.00	0.00	0.00
Crit Moves:		****					****					
Green/Cycle:	0.72	0.72	0.00	0.00	0.72	0.72	0.21	0.00	0.21	0.00	0.00	0.00
Volume/Cap:	0.33	0.50	0.00	0.00	0.47	0.47	0.50	0.00	0.41	0.00	0.00	0.00
Uniform Del:	4.4	5.2	0.0	0.0	5.0	5.0	29.7	0.0	29.0	0.0	0.0	0.0
IncremntDel:	0.6	0.4	0.0	0.0	0.2	0.2	1.0	0.0	1.0	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	4.9	5.5	0.0	0.0	5.2	5.2	30.7	0.0	30.0	0.0	0.0	0.0
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:	4.9	5.5	0.0	0.0	5.2	5.2	30.7	0.0	30.0	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	C	A	C	A	A	A
HCM2kAvgQ:	1	6	0	0	6	6	5	0	3	0	0	0

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

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

Intersection #2953 Front/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.824
Loss Time (sec):	9	Average Delay (sec/veh):	33.3
Optimal Cycle:	74	Level Of Service:	C

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	1	0	1	0	0	1	0	0	1
Volume Module: >> Count Date: 29 May 2001 << 4:30 - 5:30 PM												
Base Vol:	43	348	173	151	368	52	60	140	39	392	149	75
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:	43	348	173	151	368	52	60	140	39	392	149	75
Added Vol:	0	136	34	32	213	19	5	107	1	47	150	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	484	207	183	581	71	65	247	40	439	299	75
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	48	538	230	203	646	79	72	274	44	488	332	83
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	48	538	230	203	646	79	72	274	44	488	332	83
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:	48	538	230	203	646	79	72	274	44	488	332	83
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.60	0.60	0.60	0.26	0.96	0.96	0.91	0.91	0.91	0.94	0.94	0.82
Lanes:	0.12	1.32	0.56	1.00	0.89	0.11	0.37	1.40	0.23	1.19	0.81	1.00
Final Sat.:	133	1501	642	499	1633	200	636	2418	392	2131	1452	1563
Capacity Analysis Module:												
Vol/Sat:	0.36	0.36	0.36	0.41	0.40	0.40	0.11	0.11	0.11	0.23	0.23	0.05
Crit Moves:				****			****				****	
Green/Cycle:	0.49	0.49	0.49	0.49	0.49	0.49	0.14	0.14	0.14	0.28	0.28	0.28
Volume/Cap:	0.72	0.72	0.72	0.82	0.80	0.80	0.82	0.82	0.82	0.82	0.82	0.19
Uniform Del:	19.9	19.9	19.9	21.6	21.1	21.1	41.9	41.9	41.9	33.8	33.8	27.6
IncremntDel:	2.4	2.4	2.4	19.7	5.1	5.1	11.2	11.2	11.2	5.7	5.7	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	22.3	22.3	22.3	41.2	26.2	26.2	53.1	53.1	53.1	39.5	39.5	27.8
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:	22.3	22.3	22.3	41.2	26.2	26.2	53.1	53.1	53.1	39.5	39.5	27.8
LOS by Move:	C	C	C	D	C	C	D	D	D	D	D	C
HCM2kAvgQ:	11	11	11	8	20	20	9	9	9	14	14	2

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

Intersection #2954 Front/Cooper

Cycle (sec):	50	Critical Vol./Cap.(X):	0.583
Loss Time (sec):	6	Average Delay (sec/veh):	9.7
Optimal Cycle:	30	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 1	0	0 0	1! 0	0	0 0	0 0	0
Volume Module:												
Base Vol:	79	390	0	0	455	53	104	0	116	0	0	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:	79	390	0	0	455	53	104	0	116	0	0	0
Added Vol:	0	114	0	0	213	25	44	0	32	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	504	0	0	668	78	148	0	148	0	0	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	86	548	0	0	726	85	161	0	161	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	86	548	0	0	726	85	161	0	161	0	0	0
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:	86	548	0	0	726	85	161	0	161	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.29	0.98	1.00	1.00	0.92	0.92	0.77	1.00	0.77	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.79	0.21	0.50	0.00	0.50	0.00	0.00	0.00
Final Sat.:	549	1862	0	0	3117	364	734	0	734	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.16	0.29	0.00	0.00	0.23	0.23	0.22	0.00	0.22	0.00	0.00	0.00
Crit Moves:		****					****					
Green/Cycle:	0.50	0.50	0.00	0.00	0.50	0.50	0.38	0.00	0.38	0.00	0.00	0.00
Volume/Cap:	0.31	0.58	0.00	0.00	0.46	0.46	0.58	0.00	0.58	0.00	0.00	0.00
Uniform Del:	7.3	8.7	0.0	0.0	8.0	8.0	12.5	0.0	12.5	0.0	0.0	0.0
IncremntDel:	0.6	0.9	0.0	0.0	0.2	0.2	1.6	0.0	1.6	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	7.9	9.6	0.0	0.0	8.2	8.2	14.1	0.0	14.1	0.0	0.0	0.0
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:	7.9	9.6	0.0	0.0	8.2	8.2	14.1	0.0	14.1	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	B	A	B	A	A	A
HCM2kAvgQ:	1	7	0	0	5	5	5	0	5	0	0	0

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

Intersection #2955 River_S/Soquel

Cycle (sec):	85	Critical Vol./Cap.(X):	0.681
Loss Time (sec):	6	Average Delay (sec/veh):	19.1
Optimal Cycle:	39	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	1	0	0	0	1	0	0	2	0	0	0	0	1	1	0
Volume Module:												
Base Vol:	0	0	0	382	0	161	0	429	0	0	422	112
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	0	0	382	0	161	0	429	0	0	422	112
Added Vol:	0	0	0	63	0	0	0	173	0	0	197	66
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	445	0	161	0	602	0	0	619	178
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	494	0	179	0	669	0	0	688	198
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	494	0	179	0	669	0	0	688	198
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:	0	0	0	494	0	179	0	669	0	0	688	198
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.75	1.00	0.67	1.00	0.82	1.00	1.00	0.81	0.81
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	0.00	2.00	0.00	0.00	1.55	0.45
Final Sat.:	0	0	0	1432	0	1266	0	3120	0	0	2391	688
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.35	0.00	0.14	0.00	0.21	0.00	0.00	0.29	0.29
Crit Moves:				****							****	
Green/Cycle:	0.00	0.00	0.00	0.51	0.00	0.51	0.00	0.42	0.00	0.00	0.42	0.42
Volume/Cap:	0.00	0.00	0.00	0.68	0.00	0.28	0.00	0.51	0.00	0.00	0.68	0.68
Uniform Del:	0.0	0.0	0.0	15.8	0.0	12.0	0.0	18.1	0.0	0.0	19.9	19.9
IncremntDel:	0.0	0.0	0.0	2.6	0.0	0.2	0.0	0.3	0.0	0.0	1.5	1.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	18.4	0.0	12.3	0.0	18.4	0.0	0.0	21.4	21.4
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:	0.0	0.0	0.0	18.4	0.0	12.3	0.0	18.4	0.0	0.0	21.4	21.4
LOS by Move:	A	A	A	B	A	B	A	B	A	A	C	C
HCM2kAvgQ:	0	0	0	11	0	3	0	7	0	0	10	10

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

Intersection #2956 Riverside-Dakota/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.422
Loss Time (sec):	6	Average Delay (sec/veh):	7.5
Optimal Cycle:	24	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 1 0	0	1	0 1 0
Volume Module:PM												
Base Vol:	36	17	39	29	2	72	13	725	3	3	426	17
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:	36	17	39	29	2	72	13	725	3	3	426	17
Added Vol:	0	0	0	0	0	0	0	235	0	0	263	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	36	17	39	29	2	72	13	960	3	3	689	17
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	40	19	43	32	2	80	14	1067	3	3	766	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	40	19	43	32	2	80	14	1067	3	3	766	19
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:	40	19	43	32	2	80	14	1067	3	3	766	19
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.81	0.81	0.81	0.81	0.81	0.81	0.89	0.89	0.89	0.88	0.88	0.88
Lanes:	0.39	0.18	0.43	0.28	0.02	0.70	0.02	1.97	0.01	0.01	1.94	0.05
Final Sat.:	599	283	649	432	30	1073	45	3311	10	14	3260	80
Capacity Analysis Module:												
Vol/Sat:	0.07	0.07	0.07	0.07	0.07	0.07	0.32	0.32	0.32	0.23	0.23	0.23
Crit Moves:					****			****				
Green/Cycle:	0.18	0.18	0.18	0.18	0.18	0.18	0.76	0.76	0.76	0.76	0.76	0.76
Volume/Cap:	0.38	0.38	0.38	0.42	0.42	0.42	0.42	0.42	0.42	0.31	0.31	0.31
Uniform Del:	36.3	36.3	36.3	36.6	36.6	36.6	4.1	4.1	4.1	3.7	3.7	3.7
IncremntDel:	0.9	0.9	0.9	1.1	1.1	1.1	0.1	0.1	0.1	0.1	0.1	0.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	37.2	37.2	37.2	37.7	37.7	37.7	4.2	4.2	4.2	3.7	3.7	3.7
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:	37.2	37.2	37.2	37.7	37.7	37.7	4.2	4.2	4.2	3.7	3.7	3.7
LOS by Move:	D	D	D	D	D	D	A	A	A	A	A	A
HCM2kAvgQ:	3	3	3	4	4	4	6	6	6	4	4	4

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

Intersection #2957 Ocean_St/Soquel_Av

Cycle (sec):	110	Critical Vol./Cap.(X):	0.906
Loss Time (sec):	12	Average Delay (sec/veh):	51.3
Optimal Cycle:	118	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	301	469	227	304	382	236	236	413	108	110	244	43
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:	301	469	227	304	382	236	236	413	108	110	244	43
Added Vol:	17	348	69	49	229	33	23	188	21	78	180	40
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	318	817	296	353	611	269	259	601	129	188	424	83
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	342	878	318	380	657	289	278	646	139	202	456	89
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	342	878	318	380	657	289	278	646	139	202	456	89
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:	342	878	318	380	657	289	278	646	139	202	456	89
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	0.83	0.91	0.91	0.82	0.93	0.91	0.91	0.95	0.93	0.93
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.65	0.35	1.00	1.67	0.33
Final Sat.:	1769	3538	1583	1734	3467	1551	1769	2834	608	1804	2942	576
Capacity Analysis Module:												
Vol/Sat:	0.19	0.25	0.20	0.22	0.19	0.19	0.16	0.23	0.23	0.11	0.15	0.15
Crit Moves:		****		****				****		****		
Green/Cycle:	0.26	0.27	0.27	0.24	0.26	0.26	0.19	0.25	0.25	0.12	0.19	0.19
Volume/Cap:	0.74	0.91	0.73	0.91	0.74	0.73	0.83	0.91	0.91	0.91	0.83	0.83
Uniform Del:	37.3	38.6	36.3	40.5	37.6	37.5	42.9	39.9	39.9	47.6	43.1	43.1
IncremntDel:	6.4	11.9	6.4	22.9	3.4	6.8	16.1	13.0	13.0	35.8	8.9	8.9
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	43.7	50.5	42.7	63.4	41.0	44.3	59.0	52.9	52.9	83.4	52.0	52.0
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:	43.7	50.5	42.7	63.4	41.0	44.3	59.0	52.9	52.9	83.4	52.0	52.0
LOS by Move:	D	D	D	E	D	D	E	D	D	F	D	D
HCM2kAvgQ:	11	17	10	16	12	10	12	17	17	10	12	12

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

Intersection #2958 Branciforte/Soquel

Cycle (sec):	60	Critical Vol./Cap.(X):	1.071
Loss Time (sec):	9	Average Delay (sec/veh):	67.0
Optimal Cycle:	200	Level Of Service:	E

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1	0	1	0	0	1	0
Volume Module:PM 1998												
Base Vol:	35	127	64	58	159	87	134	619	76	76	331	34
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:	35	127	64	58	159	87	134	619	76	76	331	34
Added Vol:	21	16	15	0	11	29	29	224	36	25	248	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	143	79	58	170	116	163	843	112	101	579	34
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	62	157	87	64	187	127	179	926	123	111	636	37
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	62	157	87	64	187	127	179	926	123	111	636	37
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:	62	157	87	64	187	127	179	926	123	111	636	37
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.60	0.60	0.60	0.78	0.78	0.67	0.82	0.82	0.82	0.83	0.83	0.83
Lanes:	0.20	0.52	0.28	0.25	0.75	1.00	0.29	1.51	0.20	0.28	1.62	0.10
Final Sat.:	231	590	326	375	1098	1266	454	2348	312	444	2546	150
Capacity Analysis Module:												
Vol/Sat:	0.27	0.27	0.27	0.17	0.17	0.10	0.39	0.39	0.39	0.25	0.25	0.25
Crit Moves:		****						****			****	
Green/Cycle:	0.25	0.25	0.25	0.25	0.25	0.25	0.37	0.37	0.37	0.23	0.23	0.23
Volume/Cap:	1.07	1.07	1.07	0.68	0.68	0.41	1.07	1.07	1.07	1.07	1.07	1.07
Uniform Del:	22.5	22.5	22.5	20.4	20.4	18.8	19.0	19.0	19.0	23.0	23.0	23.0
IncremntDel:	73.5	73.5	73.5	5.3	5.3	0.9	47.9	47.9	47.9	54.0	54.0	54.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	96.0	96.0	96.0	25.7	25.7	19.7	66.8	66.8	66.8	77.0	77.0	77.0
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:	96.0	96.0	96.0	25.7	25.7	19.7	66.8	66.8	66.8	77.0	77.0	77.0
LOS by Move:	F	F	F	C	C	B	E	E	E	E	E	E
HCM2kAvgQ:	13	13	13	6	6	2	23	23	23	16	16	16

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

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

Intersection #2959 Seabright/Soquel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.935
Loss Time (sec):	12	Average Delay (sec/veh):	42.4
Optimal Cycle:	111	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1 0	0 1	0	0	1! 0	0	1 0	1 1 0	1	0	1 1 0
Volume Module:PM 1998												
Base Vol:	209	18	212	84	86	66	29	946	111	164	477	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:	209	18	212	84	86	66	29	946	111	164	477	0
Added Vol:	8	27	11	6	42	4	3	129	14	15	108	16
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	217	45	223	90	128	70	32	1075	125	179	585	16
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	228	47	235	95	135	74	34	1132	132	188	616	17
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	228	47	235	95	135	74	34	1132	132	188	616	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:	228	47	235	95	135	74	34	1132	132	188	616	17
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.94	0.94	0.83	0.93	0.93	0.93	0.93	0.92	0.92	0.93	0.93	0.93
Lanes:	0.83	0.17	1.00	0.31	0.45	0.24	1.00	1.79	0.21	1.00	1.95	0.05
Final Sat.:	1481	307	1583	554	788	431	1769	3119	363	1769	3430	94
Capacity Analysis Module:												
Vol/Sat:	0.15	0.15	0.15	0.17	0.17	0.17	0.02	0.36	0.36	0.11	0.18	0.18
Crit Moves:		****		****				****		****		
Green/Cycle:	0.17	0.17	0.17	0.18	0.18	0.18	0.05	0.39	0.39	0.11	0.45	0.45
Volume/Cap:	0.93	0.93	0.90	0.93	0.93	0.93	0.40	0.93	0.93	0.93	0.40	0.40
Uniform Del:	33.0	33.0	32.7	32.2	32.2	32.2	36.9	23.5	23.5	35.1	14.5	14.5
IncremntDel:	35.5	35.5	30.6	33.4	33.4	33.4	3.0	12.1	12.1	45.2	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	68.4	68.4	63.4	65.6	65.6	65.6	40.0	35.6	35.6	80.3	14.7	14.7
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:	68.4	68.4	63.4	65.6	65.6	65.6	40.0	35.6	35.6	80.3	14.7	14.7
LOS by Move:	E	E	E	E	E	E	D	D	D	F	B	B
HCM2kAvgQ:	11	11	9	12	12	12	1	21	21	8	6	6

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

Intersection #2960 San_Lorenzo_Blvd/Broadway(Laurel_St.)

Cycle (sec):	80	Critical Vol./Cap.(X):	0.879
Loss Time (sec):	6	Average Delay (sec/veh):	19.2
Optimal Cycle:	77	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	0 1	0	0	0 0 0	0	0	1 0 1	0	0	1 0 0
Volume Module:												
Base Vol:	370	0	33	0	0	0	0	575	426	0	461	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:	370	0	33	0	0	0	0	575	426	0	461	0
Added Vol:	128	0	0	0	0	0	0	283	116	0	232	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	498	0	33	0	0	0	0	858	542	0	693	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	541	0	36	0	0	0	0	933	589	0	753	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	541	0	36	0	0	0	0	933	589	0	753	0
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:	541	0	36	0	0	0	0	933	589	0	753	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	1.00	0.82	1.00	1.00	1.00	1.00	0.98	0.83	1.00	0.96	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00
Final Sat.:	1734	0	1551	0	0	0	0	1862	1583	0	1825	0
Capacity Analysis Module:												
Vol/Sat:	0.31	0.00	0.02	0.00	0.00	0.00	0.00	0.50	0.37	0.00	0.41	0.00
Crit Moves:	****							****				
Green/Cycle:	0.36	0.00	0.36	0.00	0.00	0.00	0.00	0.57	0.93	0.00	0.57	0.00
Volume/Cap:	0.88	0.00	0.07	0.00	0.00	0.00	0.00	0.88	0.40	0.00	0.72	0.00
Uniform Del:	24.2	0.0	17.0	0.0	0.0	0.0	0.0	14.8	0.4	0.0	12.6	0.0
IncremntDel:	13.7	0.0	0.1	0.0	0.0	0.0	0.0	8.6	0.2	0.0	2.6	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00
Delay/Veh:	37.9	0.0	17.1	0.0	0.0	0.0	0.0	23.4	0.5	0.0	15.2	0.0
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:	37.9	0.0	17.1	0.0	0.0	0.0	0.0	23.4	0.5	0.0	15.2	0.0
LOS by Move:	D	A	B	A	A	A	A	C	A	A	B	A
HCM2kAvgQ:	16	0	1	0	0	0	0	20	2	0	15	0

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

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

Intersection #2961 Ocean_St/Broadway

Cycle (sec):	120	Critical Vol./Cap.(X):	1.165
Loss Time (sec):	9	Average Delay (sec/veh):	95.1
Optimal Cycle:	200	Level Of Service:	F

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	1	0 1	0 1	0 1	0	1 0	0 1	0	1 0	0 1	0
Volume Module:PM 2001												
Base Vol:	6	240	78	142	588	168	152	354	38	92	334	67
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:	6	240	78	142	588	168	152	354	38	92	334	67
Added Vol:	6	281	11	88	111	128	101	180	9	10	109	51
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	12	521	89	230	699	296	253	534	47	102	443	118
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	13	566	97	250	760	322	275	580	51	111	482	128
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	13	566	97	250	760	322	275	580	51	111	482	128
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:	13	566	97	250	760	322	275	580	51	111	482	128
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.82	0.82	0.82	0.60	0.60	0.60	0.93	0.97	0.97	0.93	0.95	0.95
Lanes:	0.05	1.95	1.00	0.38	1.14	0.48	1.00	0.92	0.08	1.00	0.79	0.21
Final Sat.:	70	3040	1551	428	1300	550	1769	1691	149	1769	1425	380
Capacity Analysis Module:												
Vol/Sat:	0.19	0.19	0.06	0.58	0.58	0.58	0.16	0.34	0.34	0.06	0.34	0.34
Crit Moves:					****		****				****	
Green/Cycle:	0.50	0.50	0.50	0.50	0.50	0.50	0.13	0.36	0.36	0.07	0.29	0.29
Volume/Cap:	0.37	0.37	0.12	1.17	1.17	1.17	1.17	0.96	0.96	0.96	1.17	1.17
Uniform Del:	18.3	18.3	15.9	29.9	29.9	29.9	52.0	37.6	37.6	55.9	42.6	42.6
IncremntDel:	0.1	0.1	0.1	84.2	84.2	84.2	110.6	25.2	25.2	70.5	93.6	93.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	18.5	18.5	16.0	114.1	114	114.1	162.6	62.8	62.8	126.4	136	136.2
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:	18.5	18.5	16.0	114.1	114	114.1	162.6	62.8	62.8	126.4	136	136.2
LOS by Move:	B	B	B	F	F	F	F	E	E	F	F	F
HCM2kAvgQ:	7	7	2	38	38	38	18	28	28	7	36	36

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

Intersection #2962 S_Branciforte/Broadway

Cycle (sec):	60	Critical Vol./Cap.(X):	0.879
Loss Time (sec):	6	Average Delay (sec/veh):	18.2
Optimal Cycle:	69	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	0	1! 0	0	0	1! 0
Volume Module:												
Base Vol:	36	45	7	109	64	91	64	544	19	5	336	57
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:	36	45	7	109	64	91	64	544	19	5	336	57
Added Vol:	34	6	2	6	13	13	11	181	45	3	97	18
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	70	51	9	115	77	104	75	725	64	8	433	75
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	78	57	10	128	86	116	83	806	71	9	481	83
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	78	57	10	128	86	116	83	806	71	9	481	83
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:	78	57	10	128	86	116	83	806	71	9	481	83
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.66	0.66	0.66	0.77	0.77	0.77	0.89	0.89	0.89	0.95	0.95	0.95
Lanes:	0.54	0.39	0.07	0.39	0.26	0.35	0.09	0.84	0.07	0.02	0.84	0.14
Final Sat.:	675	492	87	572	383	517	147	1418	125	28	1511	262
Capacity Analysis Module:												
Vol/Sat:	0.12	0.12	0.12	0.22	0.22	0.22	0.57	0.57	0.57	0.32	0.32	0.32
Crit Moves:					****			****				
Green/Cycle:	0.25	0.25	0.25	0.25	0.25	0.25	0.65	0.65	0.65	0.65	0.65	0.65
Volume/Cap:	0.45	0.45	0.45	0.88	0.88	0.88	0.88	0.88	0.88	0.49	0.49	0.49
Uniform Del:	18.9	18.9	18.9	21.5	21.5	21.5	8.7	8.7	8.7	5.5	5.5	5.5
IncremntDel:	1.0	1.0	1.0	20.6	20.6	20.6	8.4	8.4	8.4	0.3	0.3	0.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	19.9	19.9	19.9	42.0	42.0	42.0	17.1	17.1	17.1	5.9	5.9	5.9
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:	19.9	19.9	19.9	42.0	42.0	42.0	17.1	17.1	17.1	5.9	5.9	5.9
LOS by Move:	B	B	B	D	D	D	B	B	B	A	A	A
HCM2kAvgQ:	3	3	3	9	9	9	19	19	19	5	5	5

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

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

Intersection #2963 Seabright/Broadway

Cycle (sec):	60	Critical Vol./Cap.(X):	0.967
Loss Time (sec):	6	Average Delay (sec/veh):	29.7
Optimal Cycle:	111	Level Of Service:	C

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 0 1	0	0	1! 0 0
Volume Module:												
Base Vol:	115	224	41	10	235	78	141	349	190	40	168	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:	115	224	41	10	235	78	141	349	190	40	168	13
Added Vol:	56	18	10	0	34	34	43	45	63	7	15	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	171	242	51	10	269	112	184	394	253	47	183	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	190	269	57	11	299	124	204	438	281	52	203	14
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	190	269	57	11	299	124	204	438	281	52	203	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:	190	269	57	11	299	124	204	438	281	52	203	14
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.63	0.63	0.63	0.93	0.93	0.93	0.76	0.76	0.83	0.66	0.66	0.66
Lanes:	0.37	0.52	0.11	0.02	0.69	0.29	0.32	0.68	1.00	0.19	0.76	0.05
Final Sat.:	444	628	132	45	1215	506	462	989	1583	241	938	67
Capacity Analysis Module:												
Vol/Sat:	0.43	0.43	0.43	0.25	0.25	0.25	0.44	0.44	0.18	0.22	0.22	0.22
Crit Moves:	****							****				
Green/Cycle:	0.44	0.44	0.44	0.44	0.44	0.44	0.46	0.46	0.46	0.46	0.46	0.46
Volume/Cap:	0.97	0.97	0.97	0.56	0.56	0.56	0.97	0.97	0.39	0.47	0.47	0.47
Uniform Del:	16.3	16.3	16.3	12.4	12.4	12.4	15.8	15.8	10.7	11.3	11.3	11.3
IncremntDel:	30.7	30.7	30.7	0.9	0.9	0.9	26.9	26.9	0.3	0.6	0.6	0.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	47.0	47.0	47.0	13.3	13.3	13.3	42.7	42.7	11.1	11.9	11.9	11.9
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:	47.0	47.0	47.0	13.3	13.3	13.3	42.7	42.7	11.1	11.9	11.9	11.9
LOS by Move:	D	D	D	B	B	B	D	D	B	B	B	B
HCM2kAvgQ:	15	15	15	7	7	7	13	13	3	4	4	4

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2964 Pacific-Center/W_Cliff-Pacific

Cycle (sec):	100	Critical Vol./Cap.(X):	0.699
Loss Time (sec):	0	Average Delay (sec/veh):	15.5
Optimal Cycle:	0	Level Of Service:	C

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			Stop Sign			Stop Sign		
Rights:	Ignore			Ignore			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0 0	1	0 1	0 0	1	0 0	1! 0	0	1 0	1 0	1
Volume Module:February 2002												
Base Vol:	5	77	390	13	112	36	0	0	0	302	95	12
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:	5	77	390	13	112	36	0	0	0	302	95	12
Added Vol:	0	28	83	0	19	1	0	0	0	77	43	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	105	473	13	131	37	0	0	0	379	138	12
User Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.90	0.90	0.00	0.90	0.90	0.00	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	6	117	0	14	146	0	0	0	0	421	153	13
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	6	117	0	14	146	0	0	0	0	421	153	13
PCE Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	6	117	0	14	146	0	0	0	0	421	153	13
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.05	0.95	1.00	0.09	0.91	1.00	0.00	1.00	0.00	1.00	1.00	1.00
Final Sat.:	24	514	599	49	495	607	0	551	0	603	654	747
Capacity Analysis Module:												
Vol/Sat:	0.23	0.23	0.00	0.29	0.29	0.00	xxxx	0.00	xxxx	0.70	0.23	0.02
Crit Moves:	****			****				****		****		
Delay/Veh:	10.8	10.8	0.0	11.4	11.4	0.0	0.0	0.0	0.0	20.7	9.7	7.5
Delay 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
AdjDel/Veh:	10.8	10.8	0.0	11.4	11.4	0.0	0.0	0.0	0.0	20.7	9.7	7.5
LOS by Move:	B	B	*	B	B	*	*	*	*	C	A	A
ApproachDel:	10.8			11.4			xxxxxx			17.5		
Delay Adj:	1.00			1.00			xxxxx			1.00		
ApprAdjDel:	10.8			11.4			xxxxxx			17.5		
LOS by Appr:	B			B			*			C		
AllWayAvgQ:	0.3	0.3	0.0	0.4	0.4	0.0	0.0	0.0	0.0	2.0	0.3	0.0

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2965 W_Cliff/Bay

Cycle (sec):	1	Critical Vol./Cap.(X):	0.869
Loss Time (sec):	0	Average Delay (sec/veh):	25.9
Optimal Cycle:	0	Level Of Service:	D

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0	0 0	0	0 1	0 1	1	0 0	0 1	0	0 0	0 0
Volume Module: >> Count Date: 5 May 2004 << 5:00 - 6:00 PM												
Base Vol:	54	215	0	0	240	267	275	0	48	0	0	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:	54	215	0	0	240	267	275	0	48	0	0	0
Added Vol:	0	16	0	0	29	99	90	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	54	231	0	0	269	366	365	0	48	0	0	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:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PHF Volume:	61	263	0	0	306	416	415	0	55	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	61	263	0	0	306	416	415	0	55	0	0	0
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:	61	263	0	0	306	416	415	0	55	0	0	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.19	0.81	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	97	414	0	0	521	581	477	0	562	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.63	0.63	xxxx	xxxx	0.59	0.72	0.87	xxxx	0.10	xxxx	xxxx	xxxx
Crit Moves:	****					****	****					
Delay/Veh:	20.6	20.6	0.0	0.0	18.5	22.2	41.3	0.0	9.7	0.0	0.0	0.0
Delay 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
AdjDel/Veh:	20.6	20.6	0.0	0.0	18.5	22.2	41.3	0.0	9.7	0.0	0.0	0.0
LOS by Move:	C	C	*	*	C	C	E	*	A	*	*	*
ApproachDel:	20.6			20.6			37.6			xxxxxx		
Delay Adj:	1.00			1.00			1.00			xxxxx		
ApprAdjDel:	20.6			20.6			37.6			xxxxxx		
LOS by Appr:	C			C			E			*		
AllWayAvgQ:	1.5	1.5	1.5	0.0	1.3	2.2	4.1	0.0	0.1	0.0	0.0	0.0

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

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                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
********************************************************************************
Intersection #2966 Pacific/Beach
********************************************************************************
Cycle (sec):           1                Critical Vol./Cap.(X):         1.093
Loss Time (sec):       0                Average Delay (sec/veh):        44.8
Optimal Cycle:         0                Level Of Service:                  E
********************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  1  1  1  0    1  0  1  1  0    1  0  0  1  0    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 5 May 2004 << 4:30 - 5:30 PM
Base Vol:      21  103     1    25   69   141   429  241    24     0    0     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:   21  103     1    25   69   141   429  241    24     0    0     0
Added Vol:      0   17     0    37   25    87    98   10     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   21  120     1    62   94   228   527  251    24     0    0     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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:    23  133     1    69  104   253   586  279    27     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   23  133     1    69  104   253   586  279    27     0    0     0
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:   23  133     1    69  104   253   586  279    27     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.44 2.54  0.02  1.00 1.00  1.00  1.00 0.91  0.09  0.00 0.00  0.00
Final Sat.:   190 1113     9   450  481   533   536  528    50     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.12 0.12  0.12  0.15 0.22  0.48  1.09 0.53  0.53  xxxx xxxx  xxxx
Crit Moves:  ****                        ****  ****
Delay/Veh:   12.0 11.7  11.7  12.0 12.1  15.2  91.5 15.4  15.4   0.0  0.0   0.0
Delay 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
AdjDel/Veh:  12.0 11.7  11.7  12.0 12.1  15.2  91.5 15.4  15.4   0.0  0.0   0.0
LOS by Move:    B    B     B     B    B     C     F    C     C     *    *     *
ApproachDel:       11.8             13.9             65.4           xxxxxx
Delay Adj:         1.00             1.00             1.00            xxxxx
ApprAdjDel:        11.8             13.9             65.4           xxxxxx
LOS by Appr:          B                B                F                *
AllWayAvgQ:   0.1  0.1   0.1   0.2  0.3   0.9  12.2  1.1   1.1   0.0  0.0   0.0
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2967 Cliff/Beach

Cycle (sec):	100	Critical Vol./Cap.(X):	0.560
Loss Time (sec):	0	Average Delay (sec/veh):	13.4
Optimal Cycle:	0	Level Of Service:	B

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			2 0 0 0 0			0 1 1 0 0			0 0 0 0 0		
Volume Module:PM 1997												
Base Vol:	0	0	0	160	0	0	192	280	0	0	0	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	0	0	160	0	0	192	280	0	0	0	0
Added Vol:	0	0	0	26	0	0	37	146	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	186	0	0	229	426	0	0	0	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	207	0	0	254	473	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	207	0	0	254	473	0	0	0	0
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:	0	0	0	207	0	0	254	473	0	0	0	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	2.00	0.00	0.00	0.70	1.30	0.00	0.00	0.00	0.00
Final Sat.:	0	0	0	1037	0	0	454	887	0	0	0	0
Capacity Analysis Module:												
Vol/Sat:	xxxx	xxxx	xxxx	0.20	xxxx	xxxx	0.56	0.53	xxxx	xxxx	xxxx	xxxx
Crit Moves:				****			****					
Delay/Veh:	0.0	0.0	0.0	10.9	0.0	0.0	14.8	13.6	0.0	0.0	0.0	0.0
Delay 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
AdjDel/Veh:	0.0	0.0	0.0	10.9	0.0	0.0	14.8	13.6	0.0	0.0	0.0	0.0
LOS by Move:	*	*	*	B	*	*	B	B	*	*	*	*
ApproachDel:	xxxxxx			10.9			14.1			xxxxxx		
Delay Adj:	xxxxx			1.00			1.00			xxxxx		
ApprAdjDel:	xxxxxx			10.9			14.1			xxxxxx		
LOS by Appr:	*			B			B			*		
AllWayAvgQ:	0.0	0.0	0.0	0.2	0.0	0.0	1.2	1.0	0.0	0.0	0.0	0.0

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

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

Intersection #2968 Riverside/Beach

Cycle (sec):	60	Critical Vol./Cap.(X):	0.169
Loss Time (sec):	6	Average Delay (sec/veh):	7.3
Optimal Cycle:	17	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0 0	0	2	0 0	0 0	0	0 2	0 0	0	0 0	0 0
Volume Module:												
Base Vol:	0	0	0	40	0	0	0	167	0	0	0	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	0	0	40	0	0	0	167	0	0	0	0
Added Vol:	0	0	0	56	0	0	0	172	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	96	0	0	0	339	0	0	0	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	107	0	0	0	377	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	107	0	0	0	377	0	0	0	0
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:	0	0	0	107	0	0	0	377	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.62	1.00	1.00	1.00	0.93	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00
Final Sat.:	0	0	0	2355	0	0	0	3538	0	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00
Crit Moves:				****				****				
Green/Cycle:	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.63	0.00	0.00	0.00	0.00
Volume/Cap:	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00
Uniform Del:	0.0	0.0	0.0	16.8	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
IncremntDel:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	0.0	16.9	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
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:	0.0	0.0	0.0	16.9	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
LOS by Move:	A	A	A	B	A	A	A	A	A	A	A	A
HCM2kAvgQ:	0	0	0	1	0	0	0	2	0	0	0	0

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2969 Riverside/Second-Leibrandt

Cycle (sec):	100	Critical Vol./Cap.(X):	0.153
Loss Time (sec):	0	Average Delay (sec/veh):	7.8
Optimal Cycle:	0	Level Of Service:	A

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			0 1 1 0 1			0 0 0 0 1			0 1 0 0 0		
Volume Module:												
Base Vol:	0	0	0	24	108	78	0	0	5	2	1	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	0	0	24	108	78	0	0	5	2	1	0
Added Vol:	0	0	0	19	56	39	0	0	0	0	6	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	43	164	117	0	0	5	2	7	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	48	182	130	0	0	6	2	8	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	48	182	130	0	0	6	2	8	0
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:	0	0	0	48	182	130	0	0	6	2	8	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	0.42	1.58	1.00	0.00	0.00	1.00	0.22	0.78	0.00
Final Sat.:	0	0	0	313	1227	929	0	0	844	163	570	0
Capacity Analysis Module:												
Vol/Sat:	xxxx	xxxx	xxxx	0.15	0.15	0.14	xxxx	xxxx	0.01	0.01	0.01	xxxx
Crit Moves:				****					****	****		
Delay/Veh:	0.0	0.0	0.0	8.3	8.2	7.2	0.0	0.0	7.1	7.7	7.7	0.0
Delay 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
AdjDel/Veh:	0.0	0.0	0.0	8.3	8.2	7.2	0.0	0.0	7.1	7.7	7.7	0.0
LOS by Move:	*	*	*	A	A	A	*	*	A	A	A	*
ApproachDel:	xxxxxx			7.8			7.1			7.7		
Delay Adj:	xxxxx			1.00			1.00			1.00		
ApprAdjDel:	xxxxxx			7.8			7.1			7.7		
LOS by Appr:	*			A			A			A		
AllWayAvgQ:	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Intersection #2970 Riverside/3rd_St

Cycle (sec):	95	Critical Vol./Cap.(X):	0.946
Loss Time (sec):	9	Average Delay (sec/veh):	47.4
Optimal Cycle:	130	Level Of Service:	D

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	0	0	1	1	0	1	0	0	0	1	0	1	0	1	1
Volume Module:PM 1998												
Base Vol:	0	0	0	0	557	231	410	0	174	123	20	573
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	0	0	0	557	231	410	0	174	123	20	573
Added Vol:	0	0	0	0	71	35	21	0	2	0	3	224
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	628	266	431	0	176	123	23	797
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	0	698	296	479	0	196	137	26	886
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	698	296	479	0	196	137	26	886
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:	0	0	0	0	698	296	479	0	196	137	26	886
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	1.00	0.89	0.89	0.94	1.00	0.84	0.79	0.79	0.79
Lanes:	0.00	0.00	0.00	0.00	1.40	0.60	1.00	0.00	1.00	0.84	0.16	2.00
Final Sat.:	0	0	0	0	2373	1005	1787	0	1599	1267	237	3009
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.00	0.29	0.29	0.27	0.00	0.12	0.11	0.11	0.29
Crit Moves:					****		****					****
Green/Cycle:	0.00	0.00	0.00	0.00	0.31	0.31	0.28	0.00	0.28	0.31	0.31	0.31
Volume/Cap:	0.00	0.00	0.00	0.00	0.95	0.95	0.95	0.00	0.43	0.35	0.35	0.95
Uniform Del:	0.0	0.0	0.0	0.0	32.0	32.0	33.3	0.0	27.8	25.3	25.3	31.9
IncremntDel:	0.0	0.0	0.0	0.0	16.4	16.4	27.0	0.0	0.7	0.1	0.1	15.8
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	0.0	48.3	48.3	60.3	0.0	28.5	25.3	25.3	47.7
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:	0.0	0.0	0.0	0.0	48.3	48.3	60.3	0.0	28.5	25.3	25.3	47.7
LOS by Move:	A	A	A	A	D	D	E	A	C	C	C	D
HCM2kAvgQ:	0	0	0	0	15	15	19	0	5	4	4	18

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

Intersection #2971 Riverside/San_Lorenzo_Blvd

Cycle (sec):	95	Critical Vol./Cap.(X):	0.905
Loss Time (sec):	12	Average Delay (sec/veh):	38.0
Optimal Cycle:	109	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Split Phase			Split Phase		
Rights:	Ovl			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	1	0	1	0	0	1	1	0	1	1	0	0	0
Volume Module:												
Base Vol:	57	0	434	30	135	44	0	417	9	196	329	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:	57	0	434	30	135	44	0	417	9	196	329	0
Added Vol:	2	0	243	1	48	11	0	105	11	46	116	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	59	0	677	31	183	55	0	522	20	242	445	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	64	0	736	34	199	60	0	567	22	263	484	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	64	0	736	34	199	60	0	567	22	263	484	0
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:	64	0	736	34	199	60	0	567	22	263	484	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.85	1.00	0.85	0.89	0.89	0.89	1.00	0.92	0.92	0.95	0.95	1.00
Lanes:	0.15	0.00	1.85	0.23	1.36	0.41	0.00	1.93	0.07	1.00	1.00	0.00
Final Sat.:	240	0	2990	389	2295	690	0	3353	128	1812	1812	0
Capacity Analysis Module:												
Vol/Sat:	0.27	0.00	0.25	0.09	0.09	0.09	0.00	0.17	0.17	0.15	0.27	0.00
Crit Moves:	****					****		****			****	
Green/Cycle:	0.30	0.00	0.59	0.10	0.10	0.10	0.00	0.19	0.19	0.30	0.30	0.00
Volume/Cap:	0.90	0.00	0.42	0.90	0.90	0.90	0.00	0.90	0.90	0.49	0.90	0.00
Uniform Del:	32.2	0.0	10.5	42.5	42.5	42.5	0.0	37.8	37.8	27.6	32.2	0.0
IncremntDel:	12.6	0.0	0.1	27.4	27.4	27.4	0.0	16.2	16.2	0.3	13.4	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	44.8	0.0	10.7	69.9	69.9	69.9	0.0	53.9	53.9	27.9	45.6	0.0
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:	44.8	0.0	10.7	69.9	69.9	69.9	0.0	53.9	53.9	27.9	45.6	0.0
LOS by Move:	D	A	B	E	E	E	A	D	D	C	D	A
HCM2kAvgQ:	14	0	6	8	8	8	0	13	13	6	13	0

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

Intersection #2972 Ocean_St/E_Cliff_Dr

Cycle (sec):	95	Critical Vol./Cap.(X):	1.182
Loss Time (sec):	9	Average Delay (sec/veh):	120.8
Optimal Cycle:	200	Level Of Service:	F

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	0	0	1! 0	0	2	0	1	0	1
Volume Module:4:30 - 5:30 PM												
Base Vol:	0	0	0	567	0	55	280	780	0	0	489	119
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	0	0	567	0	55	280	780	0	0	489	119
Added Vol:	0	0	0	28	0	35	237	112	0	0	127	36
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	595	0	90	517	892	0	0	616	155
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	0	0	0	647	0	98	562	970	0	0	670	168
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	647	0	98	562	970	0	0	670	168
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:	0	0	0	647	0	98	562	970	0	0	670	168
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.71	1.00	0.71	0.90	0.98	1.00	1.00	1.00	0.81
Lanes:	0.00	0.00	0.00	0.87	0.00	0.13	2.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1178	0	178	3432	1862	0	0	1900	1545
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.55	0.00	0.55	0.16	0.52	0.00	0.00	0.35	0.11
Crit Moves:				****				****		****		
Green/Cycle:	0.00	0.00	0.00	0.46	0.00	0.46	0.14	0.44	0.00	0.00	0.30	0.30
Volume/Cap:	0.00	0.00	0.00	1.18	0.00	1.18	1.17	1.18	0.00	0.00	1.17	0.36
Uniform Del:	0.0	0.0	0.0	25.4	0.0	25.4	40.9	26.6	0.0	0.0	33.2	26.1
IncremntDel:	0.0	0.0	0.0	97.4	0.0	97.4	97.4	94.1	0.0	0.0	94.6	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	122.8	0.0	122.8	138.3	121	0.0	0.0	128	26.5
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:	0.0	0.0	0.0	122.8	0.0	122.8	138.3	121	0.0	0.0	128	26.5
LOS by Move:	A	A	A	F	A	F	F	F	A	A	F	C
HCM2kAvgQ:	0	0	0	39	0	39	14	45	0	0	35	4

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

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

Intersection #2973 Seabright/Murray

Cycle (sec):	100	Critical Vol./Cap.(X):	1.022
Loss Time (sec):	12	Average Delay (sec/veh):	64.8
Optimal Cycle:	200	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ignore			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	0 1	1 0	0	1 0
Volume Module:PM 1998												
Base Vol:	49	101	80	68	321	46	70	542	48	95	621	52
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:	49	101	80	68	321	46	70	542	48	95	621	52
Added Vol:	4	0	0	41	0	54	19	120	2	0	108	24
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	101	80	109	321	100	89	662	50	95	729	76
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.00	0.92	0.92	0.92
PHF Volume:	58	110	87	118	349	109	97	720	0	103	792	83
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	110	87	118	349	109	97	720	0	103	792	83
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	58	110	87	118	349	109	97	720	0	103	792	83
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.92	0.92	0.93	0.94	0.94	0.93	0.98	1.00	0.93	0.97	0.97
Lanes:	1.00	0.56	0.44	1.00	0.76	0.24	1.00	1.00	1.00	1.00	0.91	0.09
Final Sat.:	1769	970	769	1769	1369	426	1769	1862	1900	1769	1663	173
Capacity Analysis Module:												
Vol/Sat:	0.03	0.11	0.11	0.07	0.25	0.25	0.05	0.39	0.00	0.06	0.48	0.48
Crit Moves:		****				****	****				****	
Green/Cycle:	0.11	0.11	0.11	0.25	0.25	0.25	0.05	0.45	0.00	0.07	0.47	0.47
Volume/Cap:	0.29	1.02	1.02	0.27	1.02	1.02	1.02	0.86	0.00	0.86	1.02	1.02
Uniform Del:	40.9	44.5	44.5	30.2	37.5	37.5	47.3	24.5	0.0	46.1	26.7	26.7
IncremntDel:	0.8	70.7	70.7	0.3	48.2	48.2	98.6	8.6	0.0	41.5	36.4	36.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Delay/Veh:	41.7	115	115.2	30.5	85.8	85.8	145.9	33.1	0.0	87.6	63.1	63.1
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:	41.7	115	115.2	30.5	85.8	85.8	145.9	33.1	0.0	87.6	63.1	63.1
LOS by Move:	D	F	F	C	F	F	F	C	A	F	E	E
HCM2kAvgQ:	2	11	11	3	21	21	6	22	0	6	36	36

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2974 Swift/Delaware

Cycle (sec):	1	Critical Vol./Cap.(X):	2.958
Loss Time (sec):	0	Average Delay (sec/veh):	407.5
Optimal Cycle:	0	Level Of Service:	F

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:4:30 - 5:30 PM												
Base Vol:	5	110	18	49	125	62	115	125	12	19	50	31
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:	5	110	18	49	125	62	115	125	12	19	50	31
Added Vol:	0	63	17	8	104	146	326	403	0	34	247	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	173	35	57	229	208	441	528	12	53	297	36
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:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PHF Volume:	6	198	40	65	262	238	504	603	14	61	339	41
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	6	198	40	65	262	238	504	603	14	61	339	41
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:	6	198	40	65	262	238	504	603	14	61	339	41
Saturation Flow Module:												
Adjustment:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Lanes:	0.02	0.82	0.16	0.12	0.46	0.42	0.45	0.54	0.01	0.14	0.77	0.09
Final Sat.:	8	284	57	45	182	166	170	204	5	53	296	36
Capacity Analysis Module:												
Vol/Sat:	0.70	0.70	0.70	1.43	1.43	1.43	2.96	2.96	2.96	1.15	1.15	1.15
Crit Moves:	****			****			****			****		
Delay/Veh:	25.4	25.4	25.4	159.7	160	159.7	746.2	746	746.2	75.0	75.0	75.0
Delay 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
AdjDel/Veh:	25.4	25.4	25.4	159.7	160	159.7	746.2	746	746.2	75.0	75.0	75.0
LOS by Move:	D	D	D	F	F	F	F	F	F	F	F	F
ApproachDel:	25.4			159.7			746.2			75.0		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	25.4			159.7			746.2			75.0		
LOS by Appr:	D			F			F			F		
AllWayAvgQ:	1.5	1.5	1.5	18.5	18.5	18.5	87.9	87.9	87.9	7.7	7.7	7.7

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

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

Intersection #2975 Seventh/Soquel

Cycle (sec):	90	Critical Vol./Cap.(X):	0.817
Loss Time (sec):	9	Average Delay (sec/veh):	26.5
Optimal Cycle:	70	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	0 1	0	0	0 0	0	0	1 1 0	1 0	2	0 0
Volume Module: >> Count Date: 17 Dec 2009 << 4:15-5:15 pm												
Base Vol:	66	0	302	0	0	0	0	950	52	346	786	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:	66	0	302	0	0	0	0	950	52	346	786	0
Added Vol:	3	0	53	0	0	0	0	51	2	26	28	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	69	0	355	0	0	0	0	1001	54	372	814	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:	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 Volume:	69	0	355	0	0	0	0	1001	54	372	814	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	69	0	355	0	0	0	0	1001	54	372	814	0
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:	69	0	355	0	0	0	0	1001	54	372	814	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	1.00	0.83	1.00	1.00	1.00	1.00	0.92	0.92	0.93	0.93	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.90	0.10	1.00	2.00	0.00
Final Sat.:	1769	0	1583	0	0	0	0	3330	180	1769	3538	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.00	0.22	0.00	0.00	0.00	0.00	0.30	0.30	0.21	0.23	0.00
Crit Moves:			****					****		****		
Green/Cycle:	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.37	0.37	0.26	0.63	0.00
Volume/Cap:	0.14	0.00	0.82	0.00	0.00	0.00	0.00	0.82	0.82	0.82	0.37	0.00
Uniform Del:	24.6	0.0	30.5	0.0	0.0	0.0	0.0	25.7	25.7	31.4	8.2	0.0
IncremntDel:	0.1	0.0	11.5	0.0	0.0	0.0	0.0	4.2	4.2	11.0	0.1	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	24.8	0.0	42.0	0.0	0.0	0.0	0.0	29.9	29.9	42.4	8.3	0.0
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:	24.8	0.0	42.0	0.0	0.0	0.0	0.0	29.9	29.9	42.4	8.3	0.0
LOS by Move:	C	A	D	A	A	A	A	C	C	D	A	A
HCM2kAvgQ:	1	0	12	0	0	0	0	16	16	12	6	0

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

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

Intersection #2976 Seventh/Capitola

Cycle (sec):	90	Critical Vol./Cap.(X):	0.720
Loss Time (sec):	12	Average Delay (sec/veh):	27.8
Optimal Cycle:	61	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	1	1 0	0 1	0	1 0	2 0	1	1 0	1 1	0
Volume Module: >> Count Date: 17 Dec 2009 << 4:15-5:15 pm												
Base Vol:	231	171	62	96	201	33	32	766	280	90	487	92
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:	231	171	62	96	201	33	32	766	280	90	487	92
Added Vol:	29	42	2	5	26	0	0	226	65	2	125	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	260	213	64	101	227	33	32	992	345	92	612	95
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:	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 Volume:	260	213	64	101	227	33	32	992	345	92	612	95
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	260	213	64	101	227	33	32	992	345	92	612	95
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:	260	213	64	101	227	33	32	992	345	92	612	95
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.82	0.94	0.97	0.97	0.92	0.92	0.82	0.94	0.92	0.92
Lanes:	1.00	1.00	1.00	1.00	0.87	0.13	1.00	2.00	1.00	1.00	1.73	0.27
Final Sat.:	1751	1843	1567	1787	1611	234	1751	3502	1567	1787	3031	471
Capacity Analysis Module:												
Vol/Sat:	0.15	0.12	0.04	0.06	0.14	0.14	0.02	0.28	0.22	0.05	0.20	0.20
Crit Moves:	****				****			****			****	
Green/Cycle:	0.21	0.27	0.27	0.13	0.20	0.20	0.04	0.39	0.39	0.07	0.43	0.43
Volume/Cap:	0.72	0.43	0.15	0.43	0.72	0.72	0.47	0.72	0.56	0.72	0.47	0.47
Uniform Del:	33.3	27.1	25.0	35.9	33.9	33.9	42.4	23.1	21.2	40.9	18.6	18.6
IncremntDel:	6.9	0.6	0.2	1.3	6.9	6.9	5.2	1.9	1.2	18.0	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	40.2	27.7	25.2	37.2	40.8	40.8	47.5	25.0	22.4	58.9	18.8	18.8
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:	40.2	27.7	25.2	37.2	40.8	40.8	47.5	25.0	22.4	58.9	18.8	18.8
LOS by Move:	D	C	C	D	D	D	D	C	C	E	B	B
HCM2kAvgQ:	8	5	1	3	8	8	2	13	8	3	7	7

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2977 Seventh/Brommer

Cycle (sec):	100	Critical Vol./Cap.(X):	0.926
Loss Time (sec):	0	Average Delay (sec/veh):	34.6
Optimal Cycle:	0	Level Of Service:	D

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0	1 0	0 1
Volume Module: >> Count Date: 17 Dec 2009 <<												
Base Vol:	12	249	208	159	277	7	10	7	17	189	5	85
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:	12	249	208	159	277	7	10	7	17	189	5	85
Added Vol:	0	39	38	65	22	7	12	5	0	15	3	23
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	12	288	246	224	299	14	22	12	17	204	8	108
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:	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 Volume:	12	288	246	224	299	14	22	12	17	204	8	108
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	288	246	224	299	14	22	12	17	204	8	108
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:	12	288	246	224	299	14	22	12	17	204	8	108
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.02	0.53	0.45	0.42	0.56	0.02	0.43	0.24	0.33	0.96	0.04	1.00
Final Sat.:	13	321	274	242	323	15	184	100	142	423	17	513
Capacity Analysis Module:												
Vol/Sat:	0.90	0.90	0.90	0.93	0.93	0.93	0.12	0.12	0.12	0.48	0.48	0.21
Crit Moves:		****		****			****				****	
Delay/Veh:	38.3	38.3	38.3	44.6	44.6	44.6	11.8	11.8	11.8	17.4	17.4	11.1
Delay 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
AdjDel/Veh:	38.3	38.3	38.3	44.6	44.6	44.6	11.8	11.8	11.8	17.4	17.4	11.1
LOS by Move:	E	E	E	E	E	E	B	B	B	C	C	B
ApproachDel:	38.3			44.6			11.8			15.3		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	38.3			44.6			11.8			15.3		
LOS by Appr:	E			E			B			C		
AllWayAvgQ:	5.0	5.0	5.0	5.7	5.7	5.7	0.1	0.1	0.1	0.8	0.8	0.2

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

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                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
********************************************************************************
Intersection #2978 Seventh/Eaton
********************************************************************************
Cycle (sec):          90               Critical Vol./Cap.(X):         0.933
Loss Time (sec):       9               Average Delay (sec/veh):        46.8
Optimal Cycle:       116               Level Of Service:                D
********************************************************************************
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Split Phase      Split Phase        Permitted        Permitted
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  0  1  0    0  1  0  0  1    0  1  0  0  1    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 17 Dec 2009 << 4:30-5:30 pm
Base Vol:     404  128     4    25  119   313   364    7   528     2   13    12
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:  404  128     4    25  119   313   364    7   528     2   13    12
Added Vol:     49   22     0     5   15    29    52   17    54     0   33    10
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  453  150     4    30  134   342   416   24   582     2   46    22
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:     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 Volume:   453  150     4    30  134   342   416   24   582     2   46    22
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  453  150     4    30  134   342   416   24   582     2   46    22
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:  453  150     4    30  134   342   416   24   582     2   46    22
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 0.98  0.98  0.97 0.97  0.83  0.68 0.68  0.83  0.93 0.93  0.93
Lanes:       1.00 0.97  0.03  0.18 0.82  1.00  0.95 0.05  1.00  0.03 0.66  0.31
Final Sat.:  1769 1806    48   338 1508  1583  1213   70  1583    51 1163   556
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.26 0.08  0.08  0.09 0.09  0.22  0.34 0.34  0.37  0.04 0.04  0.04
Crit Moves:  ****                          ****               ****
Green/Cycle: 0.27 0.27  0.27  0.23 0.23  0.23  0.39 0.39  0.39  0.39 0.39  0.39
Volume/Cap:  0.93 0.30  0.30  0.38 0.38  0.93  0.87 0.87  0.93  0.10 0.10  0.10
Uniform Del: 31.8 25.8  25.8  29.2 29.2  33.9  25.1 25.1  26.1  17.2 17.2  17.2
IncremntDel: 25.2  0.3   0.3   0.6  0.6  30.5  15.1 15.1  21.1   0.1  0.1   0.1
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:   57.0 26.2  26.2  29.7 29.7  64.3  40.2 40.2  47.3  17.3 17.3  17.3
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:  57.0 26.2  26.2  29.7 29.7  64.3  40.2 40.2  47.3  17.3 17.3  17.3
LOS by Move:    E    C     C     C    C     E     D    D     D     B    B     B
HCM2kAvgQ:     17    3     3     4    4    14    15   15    20     1    1     1
********************************************************************************
```

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

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PM GPBO+UCSC              Tue Oct 5, 2010 11:04:13                 Page 83-1
------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
******************************************************************************
Intersection #2979 Seventh/E_Cliff
******************************************************************************
Cycle (sec):         100              Critical Vol./Cap.(X):         0.709
Loss Time (sec):       0              Average Delay (sec/veh):        16.7
Optimal Cycle:         0              Level Of Service:                C
******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Ignore           Include          Include          Ignore
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  0  1  0    1  0  1  0  0    0  0  0  0  0    1  0  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 17 Dec 2009 <<
Base Vol:       0  103   201   468   20     0     0    0     0    26    0   465
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  103   201   468   20     0     0    0     0    26    0   465
Added Vol:      0   17     2    20    4     0     0    0     0     3    0    12
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  120   203   488   24     0     0    0     0    29    0   477
User Adj:    1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Volume:     0  120     0   488   24     0     0    0     0    29    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0  120     0   488   24     0     0    0     0    29    0     0
PCE Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
MLF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
FinalVolume:    0  120     0   488   24     0     0    0     0    29    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.00 1.00  0.00  1.00 1.00  0.00  0.00 0.00  0.00  1.00 0.00  1.00
Final Sat.:     0  709     0   688  760     0     0    0     0   511    0   612
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     xxxx 0.17  xxxx  0.71 0.03  xxxx  xxxx xxxx  xxxx  0.06 xxxx  0.00
Crit Moves:       ****        ****                               ****
Delay/Veh:    0.0  9.0   0.0  19.5  7.6   0.0   0.0  0.0   0.0   9.6  0.0   0.0
Delay 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
AdjDel/Veh:   0.0  9.0   0.0  19.5  7.6   0.0   0.0  0.0   0.0   9.6  0.0   0.0
LOS by Move:    *    A     *     C    A     *     *    *     *     A    *     *
ApproachDel:       9.0             19.0           xxxxxx              9.6
Delay Adj:        1.00             1.00            xxxxx             1.00
ApprAdjDel:        9.0             19.0           xxxxxx              9.6
LOS by Appr:         A                C                *                A
AllWayAvgQ:   0.2  0.2   0.2   2.2  0.0   0.0   0.0  0.0   0.0   0.1  0.0   0.0
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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APPENDIX F-6

Scenario Report

Scenario:	PM GPBO-NoBuild
Command:	Default Command
Volume:	Existing PM
Geometry:	Existing
Impact Fee:	Default Impact Fee
Trip Generation:	PM Peak Hour
Trip Distribution:	PM Peak Hour
Paths:	Existing
Routes:	Default Route
Configuration:	Default Configuration

Impact Analysis Report
Level Of Service

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2901 Western_Dr/High_St	D	34.9	0.442	F	69.5	0.678	+34.657 D/V
#2902 Bay-Coolidge/High	C	33.6	0.901	D	39.0	0.947	+ 5.359 D/V
#2903 High/Moore	A	4.8	0.499	A	4.8	0.517	-0.055 D/V
#2904 High/Laurent	F	53.4	1.045	F	90.4	1.178	+ 0.134 V/C
#2905 River/Potrero	B	17.8	0.570	B	19.3	0.731	+ 1.506 D/V
#2906 River-Hwy_9/Hwy_1	E	75.4	0.874	F	178.0	1.373	+102.589 D/
#2907 River/Fern	B	13.8	0.444	F	85.9	1.495	+72.083 D/V
#2908 River/Encinal	E	61.4	1.038	F	171.8	1.570	+110.383 D/
#2909 Ocean-Hwy_17/Plymouth-Ocean_Ex	C	31.4	0.651	D	35.6	0.823	+ 4.184 D/V
#2910 Market/Goss-Isbel	B	12.6	0.538	C	16.1	0.688	+ 0.149 V/C
#2911 N.Branciforte/Goss	B	14.5	0.617	C	18.6	0.726	+ 0.109 V/C
#2912 Morrissey_Blvd/Fairmount_Av	A	8.0	0.469	A	9.8	0.532	+ 1.780 D/V
#2913 Bay/Nobel-Iowa	B	11.5	0.498	B	12.7	0.542	+ 1.107 D/V
#2914 Bay_St/Escalona_Dr	F	739.8	1.937	F	OVRFL	5.115	+ 1.8E+0308
#2915 Bay_St/King_St	B	13.0	0.786	C	22.2	0.920	+ 9.159 D/V
#2916 King_St/Laurel_St	B	14.8	0.702	C	22.0	0.847	+ 0.145 V/C
#2917 Storey/King	B	14.5	0.593	C	21.9	0.781	+ 0.187 V/C
#2918 Shaffer/Highway_1	B	12.5	0.219	C	16.7	0.399	+ 4.168 D/V
#2919 Western/Highway_1	B	14.5	0.554	B	18.2	0.728	+ 3.649 D/V
#2920 Swift/Mission	B	15.6	0.529	D	37.3	0.974	+21.695 D/V
#2921 Miramar/Mission	B	17.0	0.624	C	29.6	0.956	+12.553 D/V
#2922 Almar-Younglove/Mission	B	10.0	0.364	B	18.8	0.756	+ 8.806 D/V
#2923 Bay/Mission	D	46.8	0.882	F	144.9	1.297	+98.067 D/V
#2924 Laurel/Mission	C	23.9	0.688	E	73.7	1.147	+49.821 D/V
#2925 Mission/Walnut	B	15.1	0.526	C	30.8	0.906	+15.674 D/V

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Intersection	Base LOS	Del/ Veh	V/ C	Future LOS	Del/ Veh	V/ C	Change in
#2926 King/Mission	C	30.5	0.795	E	73.0	1.104	+42.512 D/V
#2927 Chestnut/Mission	D	40.7	0.837	F	104.6	1.180	+63.839 D/V
#2928 N_Pacific/River	B	10.9	0.507	B	13.5	0.775	+ 2.598 D/V
#2929 Center/Mission	C	30.8	0.804	C	21.6	0.711	-9.234 D/V
#2930 Pacific/Water-Mission	B	19.9	0.455	C	24.6	0.708	+ 4.676 D/V
#2931 River/Water	C	29.2	0.693	D	42.9	0.922	+13.732 D/V
#2932 Ocean/Washburn-Keenan	A	4.3	0.571	B	11.9	0.759	+ 7.606 D/V
#2933 Ocean/Water	E	67.9	1.050	F	152.6	1.399	+84.713 D/V
#2934 Market/Water	C	21.9	0.727	C	31.2	0.909	+ 9.322 D/V
#2935 N_Branciforte/Water	D	35.6	0.808	E	61.2	1.056	+25.600 D/V
#2936 Seabright/Water	F	84.0	0.497	F	976.1	2.353	+892.144 D/
#2937 Morrissey/Soquel/Water	C	25.8	0.811	D	37.8	0.969	+11.954 D/V
#2938 Frederick/Soquel	C	27.4	0.885	D	48.1	1.054	+20.709 D/V
#2939 Hagemann-Trevethan/Soquel	A	8.2	0.667	B	10.8	0.802	+ 2.642 D/V
#2940 Park/Soquel	B	11.1	0.820	B	18.1	0.955	+ 6.961 D/V
#2941 Capitola_Rd/Soquel_Av	C	23.5	0.596	C	24.9	0.671	+ 1.424 D/V
#2942 La_Fonda_Av/Soquel_Av	B	10.4	0.280	B	10.9	0.316	+ 0.500 D/V
#2943 California_Ave/Bay	F	60.0	1.100	F	139.7	1.390	+ 0.290 V/C
#2944 California_St/Bay	F	389.4	1.614	F	929.2	2.717	+539.864 D/
#2945 California_St/Laurel_St	C	20.0	0.621	C	26.7	0.850	+ 6.661 D/V
#2946 Chestnut/Laurel	B	16.9	0.628	C	24.4	0.838	+ 7.579 D/V
#2947 Center/Laurel	B	15.6	0.606	C	20.4	0.820	+ 4.737 D/V
#2948 Cedar/Laurel	C	16.1	0.256	C	22.8	0.384	+ 6.755 D/V
#2949 Pacific/Laurel	B	18.5	0.696	C	32.5	0.926	+13.985 D/V
#2950 Front/Laurel	C	26.1	0.689	C	34.6	0.888	+ 8.463 D/V
#2951 Front/Metro_Center	A	2.7	0.415	A	2.6	0.520	-0.073 D/V

Intersection	Base LOS	Del/ Veh	V/ C	Future LOS	Del/ Veh	V/ C	Change in
#2952 Front/Cathcart	A	6.5	0.379	A	9.0	0.492	+ 2.463 D/V
#2953 Front/Soquel	C	25.3	0.552	C	32.4	0.801	+ 7.124 D/V
#2954 Front/Cooper	A	8.3	0.441	A	9.6	0.578	+ 1.253 D/V
#2955 River_S/Soquel	B	17.6	0.526	B	18.6	0.651	+ 1.044 D/V
#2956 Riverside-Dakota/Soquel	A	9.0	0.340	A	7.7	0.412	-1.377 D/V
#2957 Ocean_St/Soquel_Av	D	39.9	0.644	D	48.4	0.870	+ 8.485 D/V
#2958 Branciforte/Soquel	C	22.5	0.748	D	51.2	1.011	+28.742 D/V
#2959 Seabright/Soquel	C	32.0	0.823	D	39.6	0.912	+ 7.619 D/V
#2960 San_Lorenzo_Blvd/Broadway(Laur	B	11.8	0.614	B	15.8	0.797	+ 4.029 D/V
#2961 Ocean_St/Broadway	C	33.5	0.740	E	67.0	1.058	+33.456 D/V
#2962 S_Branciforte/Broadway	B	11.6	0.671	B	14.1	0.784	+ 2.495 D/V
#2963 Seabright/Broadway	B	14.3	0.717	B	18.4	0.837	+ 4.031 D/V
#2964 Pacific-Center/W_Cliff-Pacific	B	12.1	0.541	B	14.9	0.679	+ 0.139 V/C
#2965 W_Cliff/Bay	C	15.8	0.633	C	22.3	0.804	+ 0.171 V/C
#2966 Pacific/Beach	C	17.6	0.771	E	36.2	1.028	+ 0.257 V/C
#2967 Cliff/Beach	B	10.8	0.400	B	13.4	0.560	+ 0.160 V/C
#2968 Riverside/Beach	A	6.2	0.077	A	7.3	0.169	+ 1.090 D/V
#2969 Riverside/Second-Leibrandt	A	7.5	0.097	A	7.8	0.156	+ 0.060 V/C
#2970 Riverside/3rd_St	C	34.4	0.800	D	47.3	0.945	+12.858 D/V
#2971 Riverside/San_Lorenzo_Blvd	C	28.8	0.665	C	35.0	0.868	+ 6.191 D/V
#2972 Ocean_St/E_Cliff_Dr	E	63.6	1.057	F	110.1	1.153	+46.433 D/V
#2973 Seabright/Murray	D	43.7	0.877	E	59.8	0.997	+16.121 D/V
#2974 Swift/Delaware	B	10.9	0.500	F	226.7	2.180	+ 1.680 V/C
#2975 Seventh/Soquel	C	23.3	0.747	C	26.4	0.814	+ 3.063 D/V
#2976 Seventh/Capitola	C	26.8	0.609	C	27.8	0.704	+ 0.998 D/V
#2977 Seventh/Brommer	C	18.3	0.713	D	31.1	0.909	+ 0.197 V/C

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
#2978 Seventh/Eaton	D	36.5	0.844	D	42.0	0.899	+ 5.553 D/V
#2979 Seventh/E_Cliff	C	15.8	0.677	C	16.8	0.709	+ 0.032 V/C

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

Intersection #2901 Western_Dr/High_St

Average Delay (sec/veh): 13.0 Worst Case Level Of Service: F[69.5]

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	0 0 0	1	0	1 0	1	0
Volume Module:Oct/Nov '03												
Base Vol:	124	0	86	0	0	0	0	654	81	47	378	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	1.00 1.00	1.00	1.00
Initial Bse:	124	0	86	0	0	0	0	654	81	47	378	0
Added Vol:	59	0	2	0	0	0	0	9	24	4	15	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	183	0	88	0	0	0	0	663	105	51	393	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	1.00 1.00	1.00	1.00
PHF Adj:	0.91 0.91	0.91	0.91	0.91 0.91	0.91	0.91	0.91 0.91	0.91	0.91	0.91 0.91	0.91	0.91
PHF Volume:	201	0	97	0	0	0	0	729	115	56	432	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	201	0	97	0	0	0	0	729	115	56	432	0
Critical Gap Module:												
Critical Gp:	6.4 6.5		6.2	xxxxx xxxx		xxxxx	xxxxx xxxx		xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5 4.0		3.3	xxxxx xxxx		xxxxx	xxxxx xxxx		xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	1330 1330		786	xxxx xxxx		xxxxx	xxxx xxxx		xxxxx	844	xxxx	xxxxx
Potent Cap.:	171 155		392	xxxx xxxx		xxxxx	xxxx xxxx		xxxxx	792	xxxx	xxxxx
Move Cap.:	161 144		392	xxxx xxxx		xxxxx	xxxx xxxx		xxxxx	792	xxxx	xxxxx
Total Cap:	297 265	xxxxx	170	236	xxxxx	xxxx xxxx		xxxxx	xxxx	xxxx	xxxxx	
Volume/Cap:	0.68 0.00		0.25	xxxx xxxx		xxxx	xxxx xxxx		xxxx	0.07	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx xxxx	xxxxx		xxxx xxxx	xxxxx		xxxx xxxx	xxxxx		0.2	xxxx	xxxxx
Control Del:	xxxxx xxxx	xxxxx		xxxxx xxxx	xxxxx		xxxxx xxxx	xxxxx		9.9	xxxx	xxxxx
LOS by Move:	* *	*		* *	*		* *	*		A	*	*
Movement:	LT - LTR - RT			LT - LTR - RT			LT - LTR - RT			LT - LTR - RT		
Shared Cap.:	xxxx 322	xxxxx		xxxx xxxx	xxxxx		xxxx xxxx	xxxxx		xxxx xxxx	xxxxx	
SharedQueue:	xxxxx 9.2	xxxxx		xxxxx xxxx	xxxxx		xxxxx xxxx	xxxxx		xxxxx xxxx	xxxxx	
Shrd ConDel:	xxxxx 69.5	xxxxx		xxxxx xxxx	xxxxx		xxxxx xxxx	xxxxx		xxxxx xxxx	xxxxx	
Shared LOS:	* F	*		* *	*		* *	*		* *	*	
ApproachDel:	69.5			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	F			*			*			*		

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

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

Intersection #2902 Bay-Coolidge/High

Cycle (sec):	70	Critical Vol./Cap.(X):	0.947
Loss Time (sec):	9	Average Delay (sec/veh):	39.0
Optimal Cycle:	106	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	1 1	0	0 1	0 0	1	0 1	0 0	1
Volume Module: >> Count Date: 23 Jan 2003 << 5:00 - 6:00 PM												
Base Vol:	153	372	55	347	664	44	164	301	245	113	247	172
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:	153	372	55	347	664	44	164	301	245	113	247	172
Added Vol:	5	4	0	7	3	0	0	20	3	0	32	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	158	376	55	354	667	44	164	321	248	113	279	177
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	172	409	60	385	725	48	178	349	270	123	303	192
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	172	409	60	385	725	48	178	349	270	123	303	192
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:	172	409	60	385	725	48	178	349	270	123	303	192
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.70	0.90	0.89	0.89	0.57	0.58	0.79	0.58	0.58	0.82
Lanes:	1.00	2.00	1.00	1.00	1.88	0.12	0.34	0.66	1.00	0.29	0.71	1.00
Final Sat.:	1753	3505	1339	1702	3165	209	370	723	1504	319	787	1559
Capacity Analysis Module:												
Vol/Sat:	0.10	0.12	0.04	0.23	0.23	0.23	0.48	0.48	0.18	0.39	0.39	0.12
Crit Moves:		****		****				****				
Green/Cycle:	0.11	0.12	0.12	0.24	0.25	0.25	0.51	0.51	0.51	0.51	0.51	0.51
Volume/Cap:	0.90	0.95	0.36	0.95	0.90	0.90	0.95	0.95	0.35	0.76	0.76	0.24
Uniform Del:	30.8	30.5	28.2	26.2	25.3	25.3	16.3	16.3	10.3	13.7	13.7	9.6
IncremntDel:	39.4	30.0	1.4	31.2	12.9	12.9	25.5	25.5	0.3	5.8	5.8	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	70.2	60.5	29.5	57.4	38.2	38.2	41.7	41.7	10.5	19.5	19.5	9.8
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:	70.2	60.5	29.5	57.4	38.2	38.2	41.7	41.7	10.5	19.5	19.5	9.8
LOS by Move:	E	E	C	E	D	D	D	D	B	B	B	A
HCM2kAvgQ:	7	9	2	13	13	13	16	16	4	8	8	2

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

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

Intersection #2903 High/Moore

Cycle (sec):	60	Critical Vol./Cap.(X):	0.517
Loss Time (sec):	6	Average Delay (sec/veh):	4.8
Optimal Cycle:	27	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	0 1	0	0	1 0	1	0	0 1 0
Volume Module: >> Count Date: 23 Jan 2003 << 4:30 - 5:30 PM												
Base Vol:	18	7	17	45	21	41	9	643	24	24	498	21
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:	18	7	17	45	21	41	9	643	24	24	498	21
Added Vol:	0	0	0	0	0	0	0	27	0	0	46	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	18	7	17	45	21	41	9	670	24	24	544	21
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	20	8	19	50	23	46	10	744	27	27	604	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	20	8	19	50	23	46	10	744	27	27	604	23
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:	20	8	19	50	23	46	10	744	27	27	604	23
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.73	0.74	0.74	0.78	0.79	0.84	0.38	0.98	0.97	0.31	0.97	0.97
Lanes:	0.43	0.17	0.40	0.68	0.32	1.00	1.00	0.97	0.03	1.00	0.96	0.04
Final Sat.:	600	233	567	1017	475	1587	730	1789	64	597	1782	69
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.05	0.05	0.03	0.01	0.42	0.42	0.04	0.34	0.34
Crit Moves:					****			****				
Green/Cycle:	0.10	0.10	0.10	0.10	0.10	0.10	0.80	0.80	0.80	0.80	0.80	0.80
Volume/Cap:	0.35	0.35	0.35	0.52	0.52	0.30	0.02	0.52	0.52	0.06	0.42	0.42
Uniform Del:	25.4	25.4	25.4	25.8	25.8	25.3	1.2	2.0	2.0	1.2	1.7	1.7
IncremntDel:	1.6	1.6	1.6	3.3	3.3	1.1	0.0	0.3	0.3	0.0	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	27.0	27.0	27.0	29.1	29.1	26.4	1.2	2.3	2.3	1.2	1.9	1.9
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:	27.0	27.0	27.0	29.1	29.1	26.4	1.2	2.3	2.3	1.2	1.9	1.9
LOS by Move:	C	C	C	C	C	C	A	A	A	A	A	A
HCM2kAvgQ:	1	1	1	2	2	1	0	4	4	0	4	4

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2904 High/Laurent

Cycle (sec):	100	Critical Vol./Cap.(X):	1.178
Loss Time (sec):	0	Average Delay (sec/veh):	90.4
Optimal Cycle:	0	Level Of Service:	F

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module: >> Count Date: 23 Jan 2003 << 4:30 - 5:30 PM												
Base Vol:	16	21	16	17	8	16	34	605	38	14	568	27
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:	16	21	16	17	8	16	34	605	38	14	568	27
Added Vol:	0	30	0	15	17	0	0	36	0	0	47	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	16	51	16	32	25	16	34	641	38	14	615	30
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	17	55	17	35	27	17	37	697	41	15	668	33
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	17	55	17	35	27	17	37	697	41	15	668	33
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:	17	55	17	35	27	17	37	697	41	15	668	33
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.19	0.62	0.19	0.44	0.34	0.22	0.05	0.90	0.05	0.02	0.93	0.05
Final Sat.:	96	305	96	215	168	107	31	591	35	14	618	30
Capacity Analysis Module:												
Vol/Sat:	0.18	0.18	0.18	0.16	0.16	0.16	1.18	1.18	1.18	1.08	1.08	1.08
Crit Moves:	****			****					****		****	
Delay/Veh:	11.7	11.7	11.7	11.6	11.6	11.6	115.7	116	115.7	81.6	81.6	81.6
Delay 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
AdjDel/Veh:	11.7	11.7	11.7	11.6	11.6	11.6	115.7	116	115.7	81.6	81.6	81.6
LOS by Move:	B	B	B	B	B	B	F	F	F	F	F	F
ApproachDel:	11.7			11.6			115.7			81.6		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	11.7			11.6			115.7			81.6		
LOS by Appr:	B			B			F			F		
AllWayAvgQ:	0.2	0.2	0.2	0.2	0.2	0.2	19.6	19.6	19.6	13.4	13.4	13.4

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

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

Intersection #2905 River/Potrero

Cycle (sec):	60	Critical Vol./Cap.(X):	0.731
Loss Time (sec):	9	Average Delay (sec/veh):	19.3
Optimal Cycle:	49	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 1	0	0 1	0 1	0	0 1
Volume Module: >> Count Date: 15 Apr 2004 << 5:00 - 6:00 PM												
Base Vol:	71	407	66	249	323	89	99	10	43	190	9	234
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:	71	407	66	249	323	89	99	10	43	190	9	234
Added Vol:	18	317	16	17	374	13	30	0	32	7	0	15
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	724	82	266	697	102	129	10	75	197	9	249
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	97	787	89	289	758	111	140	11	82	214	10	271
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	97	787	89	289	758	111	140	11	82	214	10	271
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:	97	787	89	289	758	111	140	11	82	214	10	271
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.92	0.92	0.93	0.91	0.91	0.48	0.48	0.82	0.57	0.58	0.83
Lanes:	1.00	1.80	0.20	1.00	1.74	0.26	0.93	0.07	1.00	0.96	0.04	1.00
Final Sat.:	1769	3130	354	1769	3027	443	846	66	1555	1037	47	1580
Capacity Analysis Module:												
Vol/Sat:	0.05	0.25	0.25	0.16	0.25	0.25	0.17	0.17	0.05	0.21	0.21	0.17
Crit Moves:		****		****							****	
Green/Cycle:	0.10	0.34	0.34	0.22	0.47	0.47	0.28	0.28	0.28	0.28	0.28	0.28
Volume/Cap:	0.54	0.73	0.73	0.73	0.54	0.54	0.59	0.59	0.19	0.73	0.73	0.61
Uniform Del:	25.6	17.2	17.2	21.6	11.4	11.4	18.5	18.5	16.3	19.5	19.5	18.6
IncremntDel:	3.2	2.3	2.3	6.8	0.4	0.4	3.5	3.5	0.2	8.7	8.7	2.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	28.8	19.6	19.6	28.4	11.8	11.8	22.0	22.0	16.5	28.2	28.2	21.0
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:	28.8	19.6	19.6	28.4	11.8	11.8	22.0	22.0	16.5	28.2	28.2	21.0
LOS by Move:	C	B	B	C	B	B	C	C	B	C	C	C
HCM2kAvgQ:	3	9	9	5	5	5	3	3	1	6	6	5

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

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

Intersection #2906 River-Hwy_9/Hwy_1

Cycle (sec):	200	Critical Vol./Cap.(X):	1.373
Loss Time (sec):	16	Average Delay (sec/veh):	178.0
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	7	7	7	4	4	4	4	10	10	4	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0 1	0	2	2 0 1	0	1	1 0 3	0	1	2 0 3	0	1
Volume Module:PM Peak Hour												
Base Vol:	92	244	449	646	256	242	225	1303	81	341	1246	403
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:	92	244	449	646	256	242	225	1303	81	341	1246	403
Added Vol:	2	134	227	338	208	216	133	474	0	195	262	186
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	94	378	676	984	464	458	358	1777	81	536	1508	589
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	101	406	725	1056	498	491	384	1907	87	575	1618	632
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	101	406	725	1056	498	491	384	1907	87	575	1618	632
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:	101	406	725	1056	498	491	384	1907	87	575	1618	632
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.98	0.70	0.90	0.98	0.72	0.91	0.88	0.81	0.89	0.88	0.81
Lanes:	1.00	1.00	2.00	2.00	1.00	1.00	1.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	1769	1862	2649	3432	1862	1377	1736	4990	1545	3369	4990	1537
Capacity Analysis Module:												
Vol/Sat:	0.06	0.22	0.27	0.31	0.27	0.36	0.22	0.38	0.06	0.17	0.32	0.41
Crit Moves:			****			****	****					****
Green/Cycle:	0.20	0.20	0.20	0.26	0.26	0.26	0.16	0.32	0.32	0.14	0.30	0.30
Volume/Cap:	0.29	1.09	1.37	1.18	1.03	1.37	1.37	1.20	0.18	1.20	1.08	1.37
Uniform Del:	68.0	80.1	80.1	74.0	74.0	74.0	83.9	68.2	49.2	85.8	70.0	70.0
IncremntDel:	0.4	73.8	179.6	94.0	48.4	184.7	189.0	96.4	0.2	108.7	49.1	181.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	68.4	154	259.7	168.0	122	258.7	272.8	165	49.4	194.5	119	251.3
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:	68.4	154	259.7	168.0	122	258.7	272.8	165	49.4	194.5	119	251.3
LOS by Move:	E	F	F	F	F	F	F	F	D	F	F	F
HCM2kAvgQ:	5	30	38	41	31	44	37	58	4	26	45	60

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

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                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
********************************************************************************
Intersection #2907 River/Fern
********************************************************************************
Average Delay (sec/veh):     12.3       Worst Case Level Of Service: F[ 85.9]
********************************************************************************
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:        1  0  0  1  0    0  1  0  1  0    1  0  0  1  0    1  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:4:30 - 5:30 PM
Base Vol:     298  572    0     0  810    43     1    0    77     0    0     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:  298  572    0     0  810    43     1    0    77     0    0     0
Added Vol:     72  374    0     0  603     0     0    0    23     0    0     0
PasserByVol:    0    0    0     0    0     0     0    0     0     0    0     0
Initial Fut:  370  946    0     0 1413    43     1    0   100     0    0     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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:   402 1028    0     0 1536    47     1    0   109     0    0     0
Reduct Vol:     0    0    0     0    0     0     0    0     0     0    0     0
FinalVolume:  402 1028    0     0 1536    47     1    0   109     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  4.1 xxxx xxxxx xxxxx xxxx xxxxx   6.4  6.5   6.2   7.1  6.5   6.2
FollowUpTim:  2.2 xxxx xxxxx xxxxx xxxx xxxxx   3.5  4.0   3.3   3.5  4.0   3.3
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 1583 xxxx xxxxx  xxxx xxxx xxxxx  3392 3392   791  2601 3415  1028
Potent Cap.:  410 xxxx xxxxx  xxxx xxxx xxxxx     8    7   389    16    7   284
Move Cap.:    410 xxxx xxxxx  xxxx xxxx xxxxx     1    0   389     1    0   284
Volume/Cap:  0.98 xxxx  xxxx  xxxx xxxx  xxxx  1.50 0.00  0.28  0.00 0.00  0.00
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   11.8 xxxx xxxxx  xxxx xxxx xxxxx   0.7 xxxx xxxxx  xxxx xxxx xxxxx
Control Del: 72.1 xxxx xxxxx xxxxx xxxx xxxxx  6898 xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    F    *     *     *    *     *     F    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   389  xxxx xxxx     0
SharedQueue:xxxxx xxxx xxxxx   0.0 xxxx xxxxx xxxxx xxxx   1.1 xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx   7.3 xxxx xxxxx xxxxx xxxx  17.8 xxxxx xxxx xxxxx
Shared LOS:     *    *     *     A    *     *     *    *     C     *    *     *
ApproachDel:    xxxxxx           xxxxxx            85.9           xxxxxx
ApproachLOS:         *                *               F                *
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2908 River/Encinal

Cycle (sec):	120	Critical Vol./Cap.(X):	1.570
Loss Time (sec):	12	Average Delay (sec/veh):	171.8
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Split Phase			Split Phase		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	1! 0	0	1	0 1	0	0	1! 0	1	0	0 1! 0
Volume Module:5:00 - 6:00 PM												
Base Vol:	268	422	20	2	396	132	178	3	491	11	3	8
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:	268	422	20	2	396	132	178	3	491	11	3	8
Added Vol:	208	76	91	6	53	9	25	3	444	106	3	7
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	476	498	111	8	449	141	203	6	935	117	6	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	501	524	117	8	473	148	214	6	984	123	6	16
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	501	524	117	8	473	148	214	6	984	123	6	16
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:	501	524	117	8	473	148	214	6	984	123	6	16
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.74	0.74	0.79	0.79	0.78	0.68	0.68	0.77	0.93	0.93	0.93
Lanes:	1.26	0.61	0.13	0.03	1.50	0.47	0.32	0.01	1.67	0.85	0.04	0.11
Final Sat.:	1995	856	191	40	2255	708	421	12	2426	1491	76	191
Capacity Analysis Module:												
Vol/Sat:	0.25	0.61	0.61	0.21	0.21	0.21	0.51	0.51	0.41	0.08	0.08	0.08
Crit Moves:		****			****			****			****	
Green/Cycle:	0.39	0.39	0.39	0.13	0.13	0.13	0.32	0.32	0.71	0.05	0.05	0.05
Volume/Cap:	0.64	1.57	1.57	1.57	1.57	1.57	1.57	1.57	0.57	1.57	1.57	1.57
Uniform Del:	29.8	36.6	36.6	52.0	52.0	52.0	40.6	40.6	8.3	56.8	56.8	56.8
IncremntDel:	0.8	263	263.0	268.1	268	268.1	262.6	263	0.4	301.8	302	301.8
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	30.6	300	299.5	320.1	320	320.1	303.2	303	8.6	358.7	359	358.7
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:	30.6	300	299.5	320.1	320	320.1	303.2	303	8.6	358.7	359	358.7
LOS by Move:	C	F	F	F	F	F	F	F	A	F	F	F
HCM2kAvgQ:	11	68	68	29	29	28	54	54	11	14	14	14

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

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

Intersection #2909 Ocean-Hwy_17/Plymouth-Ocean_Ext

Cycle (sec):	120	Critical Vol./Cap.(X):	0.823
Loss Time (sec):	9	Average Delay (sec/veh):	35.6
Optimal Cycle:	78	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Ignore			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	0 1	0 0	1	1 0	0 1	0
Volume Module:	PM Peak Hour											
Base Vol:	290	368	0	185	880	220	59	166	346	119	75	54
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:	290	368	0	185	880	220	59	166	346	119	75	54
Added Vol:	98	258	0	1	183	12	8	34	122	7	21	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	388	626	0	186	1063	232	67	200	468	126	96	55
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.95	0.95	0.00	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	408	659	0	196	1119	244	71	211	493	133	101	58
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	408	659	0	196	1119	244	71	211	493	133	101	58
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	408	659	0	196	1119	244	71	211	493	133	101	58
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	1.00	0.93	0.93	0.83	0.79	0.79	0.83	0.33	0.93	0.93
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	0.25	0.75	1.00	1.00	0.64	0.36
Final Sat.:	1769	3538	1900	1769	3538	1572	375	1120	1583	618	1119	641
Capacity Analysis Module:												
Vol/Sat:	0.23	0.19	0.00	0.11	0.32	0.16	0.19	0.19	0.31	0.21	0.09	0.09
Crit Moves:	****				****					****		
Green/Cycle:	0.28	0.42	0.00	0.25	0.38	0.38	0.26	0.26	0.54	0.26	0.26	0.26
Volume/Cap:	0.82	0.45	0.00	0.45	0.82	0.40	0.72	0.72	0.58	0.82	0.35	0.35
Uniform Del:	40.4	25.1	0.0	38.2	33.3	26.9	40.4	40.4	18.4	41.8	36.1	36.1
IncremntDel:	10.7	0.2	0.0	0.7	4.2	0.4	6.5	6.5	1.0	27.7	0.5	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delay/Veh:	51.1	25.3	0.0	38.9	37.5	27.4	46.9	46.9	19.3	69.5	36.5	36.5
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:	51.1	25.3	0.0	38.9	37.5	27.4	46.9	46.9	19.3	69.5	36.5	36.5
LOS by Move:	D	C	A	D	D	C	D	D	B	E	D	D
HCM2kAvgQ:	16	9	0	6	21	7	11	11	12	7	5	5

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2910 Market/Goss-Isbel

Cycle (sec):	1	Critical Vol./Cap.(X):	0.688
Loss Time (sec):	0	Average Delay (sec/veh):	16.1
Optimal Cycle:	0	Level Of Service:	C

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0 0	1	1 0	1 0	1	0 0	1! 0	0	0 0	1! 0	0
Volume Module:PM peak hour												
Base Vol:	15	87	120	183	72	1	4	191	14	46	75	189
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:	15	87	120	183	72	1	4	191	14	46	75	189
Added Vol:	29	56	29	12	39	0	0	1	19	19	2	24
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	44	143	149	195	111	1	4	192	33	65	77	213
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	48	155	162	212	121	1	4	209	36	71	84	232
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	48	155	162	212	121	1	4	209	36	71	84	232
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:	48	155	162	212	121	1	4	209	36	71	84	232
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.24	0.76	1.00	1.00	1.00	1.00	0.02	0.84	0.14	0.18	0.22	0.60
Final Sat.:	111	360	527	449	478	526	9	421	72	103	122	337
Capacity Analysis Module:												
Vol/Sat:	0.43	0.43	0.31	0.47	0.25	0.00	0.50	0.50	0.50	0.69	0.69	0.69
Crit Moves:		****		****					****		****	
Delay/Veh:	14.8	14.8	11.7	16.4	12.0	9.1	15.3	15.3	15.3	20.4	20.4	20.4
Delay 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
AdjDel/Veh:	14.8	14.8	11.7	16.4	12.0	9.1	15.3	15.3	15.3	20.4	20.4	20.4
LOS by Move:	B	B	B	C	B	A	C	C	C	C	C	C
ApproachDel:	13.5			14.8			15.3			20.4		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	13.5			14.8			15.3			20.4		
LOS by Appr:	B			B			C			C		
AllWayAvgQ:	0.6	0.6	0.4	0.8	0.3	0.0	0.8	0.8	0.8	1.7	1.7	1.7

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

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                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
********************************************************************************
Intersection #2911 N.Branciforte/Goss
********************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         0.726
Loss Time (sec):       0               Average Delay (sec/veh):        18.6
Optimal Cycle:         0               Level Of Service:                 C
********************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  1  0  0  1    0  0  1! 0  0    0  1  0  0  1    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM peak hour
Base Vol:     190   27    73     3   91    53    28  295   277    22   64     1
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:  190   27    73     3   91    53    28  295   277    22   64     1
Added Vol:     25   40    19     0   23     7    11   19    11    10   13     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  215   67    92     3  114    60    39  314   288    32   77     1
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:   234   73   100     3  124    65    42  341   313    35   84     1
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  234   73   100     3  124    65    42  341   313    35   84     1
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:  234   73   100     3  124    65    42  341   313    35   84     1
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.76 0.24  1.00  0.02 0.64  0.34  0.11 0.89  1.00  0.29 0.70  0.01
Final Sat.:   361  112   548     8  309   163    58  470   593   130  312     4
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.65 0.65  0.18  0.40 0.40  0.40  0.73 0.73  0.53  0.27 0.27  0.27
Crit Moves:  ****              ****                   ****              ****
Delay/Veh:   22.1 22.1  10.4  14.5 14.5  14.5  24.6 24.6  14.9  13.1 13.1  13.1
Delay 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
AdjDel/Veh:  22.1 22.1  10.4  14.5 14.5  14.5  24.6 24.6  14.9  13.1 13.1  13.1
LOS by Move:    C    C     B     B    B     B     C    C     B     B    B     B
ApproachDel:      19.2             14.5             20.3             13.1
Delay Adj:        1.00             1.00             1.00             1.00
ApprAdjDel:       19.2             14.5             20.3             13.1
LOS by Appr:         C                B                C                B
AllWayAvgQ:   1.6  1.6   0.2   0.6  0.6   0.6   2.2  2.2   1.0   0.3  0.3   0.3
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2912 Morrissey_Blvd/Fairmount_Av

Cycle (sec):	60	Critical Vol./Cap.(X):	0.532
Loss Time (sec):	6	Average Delay (sec/veh):	9.8
Optimal Cycle:	28	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 1	0	0 1	0 0	1!	0 0
Volume Module:												
Base Vol:	50	734	24	46	824	108	111	61	107	18	23	49
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	734	24	46	824	108	111	61	107	18	23	49
Added Vol:	3	45	4	7	21	0	34	24	17	6	4	30
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	779	28	53	845	108	145	85	124	24	27	79
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	58	847	30	58	918	117	158	92	135	26	29	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	847	30	58	918	117	158	92	135	26	29	86
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:	58	847	30	58	918	117	158	92	135	26	29	86
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.20	0.93	0.93	0.26	0.92	0.92	0.73	0.73	0.83	0.83	0.83	0.83
Lanes:	1.00	1.93	0.07	1.00	1.77	0.23	0.63	0.37	1.00	0.18	0.21	0.61
Final Sat.:	384	3398	122	490	3084	394	870	510	1583	292	328	960
Capacity Analysis Module:												
Vol/Sat:	0.15	0.25	0.25	0.12	0.30	0.30	0.18	0.18	0.09	0.09	0.09	0.09
Crit Moves:					****			****				
Green/Cycle:	0.56	0.56	0.56	0.56	0.56	0.56	0.34	0.34	0.34	0.34	0.34	0.34
Volume/Cap:	0.27	0.45	0.45	0.21	0.53	0.53	0.53	0.53	0.25	0.26	0.26	0.26
Uniform Del:	6.8	7.7	7.7	6.6	8.3	8.3	15.9	15.9	14.3	14.3	14.3	14.3
IncremntDel:	0.7	0.2	0.2	0.4	0.3	0.3	1.2	1.2	0.2	0.3	0.3	0.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	7.5	7.9	7.9	7.0	8.6	8.6	17.1	17.1	14.5	14.6	14.6	14.6
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:	7.5	7.9	7.9	7.0	8.6	8.6	17.1	17.1	14.5	14.6	14.6	14.6
LOS by Move:	A	A	A	A	A	A	B	B	B	B	B	B
HCM2kAvgQ:	1	5	5	1	7	7	4	4	2	2	2	2

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

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

Intersection #2913 Bay/Nobel-Iowa

Cycle (sec):	60	Critical Vol./Cap.(X):	0.542
Loss Time (sec):	12	Average Delay (sec/veh):	12.7
Optimal Cycle:	40	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	0 1	0 0	1	0 0	1! 0	0
Volume Module: >> Count Date: 29 Jan 2003 << 4:30 - 5:30 PM												
Base Vol:	62	544	61	42	912	56	39	49	100	41	45	41
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:	62	544	61	42	912	56	39	49	100	41	45	41
Added Vol:	27	23	29	0	15	0	0	0	17	16	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	567	90	42	927	56	39	49	117	57	45	41
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	94	597	95	44	976	59	41	52	123	60	47	43
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	94	597	95	44	976	59	41	52	123	60	47	43
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:	94	597	95	44	976	59	41	52	123	60	47	43
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	0.91	0.79	0.92	0.92	0.82	0.83	0.84	0.78	0.77	0.79	0.78
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	0.44	0.56	1.00	0.41	0.31	0.28
Final Sat.:	1735	3470	1510	1754	3508	1563	703	883	1476	589	465	424
Capacity Analysis Module:												
Vol/Sat:	0.05	0.17	0.06	0.03	0.28	0.04	0.06	0.06	0.08	0.10	0.10	0.10
Crit Moves:	****				****						****	
Green/Cycle:	0.10	0.53	0.53	0.08	0.51	0.51	0.19	0.19	0.19	0.19	0.19	0.19
Volume/Cap:	0.54	0.32	0.12	0.32	0.54	0.07	0.31	0.31	0.44	0.54	0.54	0.54
Uniform Del:	25.7	7.9	6.9	26.1	9.9	7.4	21.0	21.0	21.6	22.0	22.0	22.0
IncremntDel:	3.5	0.1	0.1	1.4	0.3	0.0	0.6	0.6	1.1	2.2	2.2	2.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	29.2	8.0	7.0	27.5	10.2	7.4	21.6	21.6	22.7	24.2	24.2	24.2
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:	29.2	8.0	7.0	27.5	10.2	7.4	21.6	21.6	22.7	24.2	24.2	24.2
LOS by Move:	C	A	A	C	B	A	C	C	C	C	C	C
HCM2kAvgQ:	3	3	1	1	7	1	2	2	3	3	3	3

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

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------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2914 Bay_St/Escalona_Dr
******************************************************************************
Average Delay (sec/veh): OVERFLOW       Worst Case Level Of Service: F[xxxxx]
******************************************************************************
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  1    0  0  1! 0  0    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:Oct/Nov '03
Base Vol:      26  594    32   119  825    70    61   23    39    44    7    32
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:   26  594    32   119  825    70    61   23    39    44    7    32
Added Vol:      0   66     9     9   39     0     0   20     0     5   21    14
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   26  660    41   128  864    70    61   43    39    49   28    46
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    28  717    45   139  939    76    66   47    42    53   30    50
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:   28  717    45   139  939    76    66   47    42    53   30    50
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  4.1 xxxx xxxxx   4.1 xxxx xxxxx   7.1  6.5   6.2   7.1  6.5   6.2
FollowUpTim:  2.2 xxxx xxxxx   2.2 xxxx xxxxx   3.5  4.0   3.3   3.5  4.0   3.3
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 1015 xxxx xxxxx   762 xxxx xxxxx  2054 2036   939  2096 2090   740
Potent Cap.:  683 xxxx xxxxx   850 xxxx xxxxx    41   57   320    38   53   417
Move Cap.:    683 xxxx xxxxx   850 xxxx xxxxx    13   46   320     0   42   417
Volume/Cap:  0.04 xxxx  xxxx  0.16 xxxx  xxxx  5.11 1.02  0.13  xxxx 0.72  0.12
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:    0.1 xxxx xxxxx   0.6 xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del: 10.5 xxxx xxxxx  10.1 xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    B    *     *     B    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx   26 xxxxx  xxxx    0 xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx 19.2 xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx 2539 xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    F     *     *    *     *
ApproachDel:    xxxxxx           xxxxxx           2539.2           xxxxxx
ApproachLOS:         *                *                F                F
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2915 Bay_St/King_St

Cycle (sec):	60	Critical Vol./Cap.(X):	0.920
Loss Time (sec):	6	Average Delay (sec/veh):	22.2
Optimal Cycle:	84	Level Of Service:	C

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	0 0	1!	0 0	0 1	0	0 1
Volume Module:Oct/Nov '03												
Base Vol:	85	538	147	82	785	109	61	136	61	90	57	102
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:	85	538	147	82	785	109	61	136	61	90	57	102
Added Vol:	52	92	9	3	51	0	0	16	34	5	28	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	137	630	156	85	836	109	61	152	95	95	85	104
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	149	685	170	92	909	118	66	165	103	103	92	113
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	149	685	170	92	909	118	66	165	103	103	92	113
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:	149	685	170	92	909	118	66	165	103	103	92	113
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.13	0.95	0.95	0.22	0.96	0.96	0.79	0.79	0.79	0.47	0.47	0.83
Lanes:	1.00	0.80	0.20	1.00	0.88	0.12	0.20	0.49	0.31	0.53	0.47	1.00
Final Sat.:	246	1448	358	412	1619	211	296	738	461	471	421	1583
Capacity Analysis Module:												
Vol/Sat:	0.60	0.47	0.47	0.22	0.56	0.56	0.22	0.22	0.22	0.22	0.22	0.07
Crit Moves:	****							****				
Green/Cycle:	0.66	0.66	0.66	0.66	0.66	0.66	0.24	0.24	0.24	0.24	0.24	0.24
Volume/Cap:	0.92	0.72	0.72	0.34	0.85	0.85	0.92	0.92	0.92	0.90	0.90	0.29
Uniform Del:	8.9	6.7	6.7	4.6	8.1	8.1	22.1	22.1	22.1	22.0	22.0	18.5
IncremntDel:	47.9	2.2	2.2	0.8	6.2	6.2	27.9	27.9	27.9	35.6	35.6	0.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	56.8	8.9	8.9	5.3	14.2	14.2	50.1	50.1	50.1	57.6	57.6	18.9
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:	56.8	8.9	8.9	5.3	14.2	14.2	50.1	50.1	50.1	57.6	57.6	18.9
LOS by Move:	E	A	A	A	B	B	D	D	D	E	E	B
HCM2kAvgQ:	2	9	9	1	18	18	10	10	10	7	7	2

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

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------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
******************************************************************************
Intersection #2916 King_St/Laurel_St
******************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         0.847
Loss Time (sec):       0               Average Delay (sec/veh):        22.0
Optimal Cycle:         0               Level Of Service:                 C
******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  1! 0  0    0  0  1! 0  0    0  0  1! 0  0    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:Oct/Nov '03
Base Vol:     114   42    28    36   31     9    19  351    81    30  186    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:  114   42    28    36   31     9    19  351    81    30  186    15
Added Vol:     25   21    32     0   24     0     0   15    17    42   32     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  139   63    60    36   55     9    19  366    98    72  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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:   151   68    65    39   60    10    21  398   107    78  237    16
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  151   68    65    39   60    10    21  398   107    78  237    16
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:  151   68    65    39   60    10    21  398   107    78  237    16
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.53 0.24  0.23  0.36 0.55  0.09  0.04 0.76  0.20  0.24 0.71  0.05
Final Sat.:   273  124   118   161  247    40    24  470   126   132  398    27
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.55 0.55  0.55  0.24 0.24  0.24  0.85 0.85  0.85  0.59 0.59  0.59
Crit Moves:       ****        ****                   ****              ****
Delay/Veh:   16.1 16.1  16.1  11.9 11.9  11.9  30.5 30.5  30.5  16.8 16.8  16.8
Delay 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
AdjDel/Veh:  16.1 16.1  16.1  11.9 11.9  11.9  30.5 30.5  30.5  16.8 16.8  16.8
LOS by Move:    C    C     C     B    B     B     D    D     D     C    C     C
ApproachDel:      16.1             11.9             30.5             16.8
Delay Adj:        1.00             1.00             1.00             1.00
ApprAdjDel:       16.1             11.9             30.5             16.8
LOS by Appr:         C                B                D                C
AllWayAvgQ:   0.9  0.9   0.9   0.2  0.2   0.2   3.8  3.8   3.8   1.2  1.2   1.2
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
******************************************************************************
Intersection #2917 Storey/King
******************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         0.781
Loss Time (sec):       0               Average Delay (sec/veh):        21.9
Optimal Cycle:         0               Level Of Service:                C
******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  0  0  0    0  0  1! 0  0    0  1  0  0  0    0  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:Oct/Nov '03
Base Vol:       0    0     0   256    0    53    26  302     0     0  189    28
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    0     0   256    0    53    26  302     0     0  189    28
Added Vol:      0    0     0    75    0     0     0   29     0     0   53    46
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     0   331    0    53    26  331     0     0  242    74
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:     0.85 0.85  0.85  0.85 0.85  0.85  0.85 0.85  0.85  0.85 0.85  0.85
PHF Volume:     0    0     0   389    0    62    31  389     0     0  285    87
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0    0     0   389    0    62    31  389     0     0  285    87
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:    0    0     0   389    0    62    31  389     0     0  285    87
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.00 0.00  0.00  0.86 0.00  0.14  0.07 0.93  0.00  0.00 0.77  0.23
Final Sat.:     0    0     0   499    0    80    43  544     0     0  450   138
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     xxxx xxxx  xxxx  0.78 xxxx  0.78  0.72 0.72  xxxx  xxxx 0.63  0.63
Crit Moves:                   ****                   ****             ****
Delay/Veh:    0.0  0.0   0.0  25.7  0.0  25.7  21.6 21.6   0.0   0.0 17.7  17.7
Delay 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
AdjDel/Veh:   0.0  0.0   0.0  25.7  0.0  25.7  21.6 21.6   0.0   0.0 17.7  17.7
LOS by Move:    *    *     *     D    *     D     C    C     *     *    C     C
ApproachDel:    xxxxxx             25.7             21.6             17.7
Delay Adj:       xxxxx             1.00             1.00             1.00
ApprAdjDel:     xxxxxx             25.7             21.6             17.7
LOS by Appr:         *                D                C                C
AllWayAvgQ:   0.0  0.0   0.0   2.7  2.7   2.7   2.1  2.1   2.1   1.4  1.4   1.4
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
```

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--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
********************************************************************************
Intersection #2918 Shaffer/Highway_1
********************************************************************************
Average Delay (sec/veh):      1.8       Worst Case Level Of Service: C[ 16.7]
********************************************************************************
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    0  0  0  1  0    1  0  1  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 14 Oct 2003 << 5:00 - 6:00 PM
Base Vol:      34    0    80     0    0     0     0  650    38    38  456     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:   34    0    80     0    0     0     0  650    38    38  456     0
Added Vol:     19    0     0     0    0     0     0   31     8     0   66     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   53    0    80     0    0     0     0  681    46    38  522     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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    58    0    87     0    0     0     0  740    50    41  567     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:   58    0    87     0    0     0     0  740    50    41  567     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  6.4  6.5   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   4.2 xxxx xxxxx
FollowUpTim:  3.5  4.0   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   2.3 xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 1418 1415   767  xxxx xxxx xxxxx  xxxx xxxx xxxxx   790 xxxx xxxxx
Potent Cap.:  151  137   402  xxxx xxxx xxxxx  xxxx xxxx xxxxx   812 xxxx xxxxx
Move Cap.:    144  130   401  xxxx xxxx xxxxx  xxxx xxxx xxxxx   812 xxxx xxxxx
Volume/Cap:  0.40 0.00  0.22  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.05 xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.2 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx   9.7 xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     A    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx  451 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx  1.4 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx 16.7 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    C     *     *    *     *     *    *     *     *    *     *
ApproachDel:       16.7           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         C              *                *                *
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2919 Western/Highway_1

Cycle (sec):	60	Critical Vol./Cap.(X):	0.728
Loss Time (sec):	12	Average Delay (sec/veh):	18.2
Optimal Cycle:	55	Level Of Service:	B

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1 0	0 1	0	0	1! 0	0	1 0	0 1	0	1 0	0 1 0
Volume Module: >> Count Date: 14 Oct 2003 << 4:00 - 5:00 PM												
Base Vol:	19	49	78	112	63	31	17	421	25	33	315	128
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	49	78	112	63	31	17	421	25	33	315	128
Added Vol:	0	32	7	44	7	2	4	26	0	15	63	74
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	19	81	85	156	70	33	21	447	25	48	378	202
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	21	89	93	171	77	36	23	491	27	53	415	222
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	21	89	93	171	77	36	23	491	27	53	415	222
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:	21	89	93	171	77	36	23	491	27	53	415	222
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.89	0.89	0.82	0.73	0.73	0.73	0.92	0.96	0.96	0.92	0.92	0.92
Lanes:	0.19	0.81	1.00	0.60	0.27	0.13	1.00	0.95	0.05	1.00	0.65	0.35
Final Sat.:	322	1373	1553	837	376	177	1753	1733	97	1753	1140	609
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.06	0.20	0.20	0.20	0.01	0.28	0.28	0.03	0.36	0.36
Crit Moves:					****		****				****	
Green/Cycle:	0.28	0.28	0.28	0.28	0.28	0.28	0.02	0.47	0.47	0.05	0.50	0.50
Volume/Cap:	0.23	0.23	0.21	0.73	0.73	0.73	0.73	0.60	0.60	0.60	0.73	0.73
Uniform Del:	16.6	16.6	16.5	19.5	19.5	19.5	29.3	11.8	11.8	27.9	11.8	11.8
IncremntDel:	0.2	0.2	0.2	6.8	6.8	6.8	59.3	1.2	1.2	11.5	3.1	3.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	16.8	16.8	16.7	26.3	26.3	26.3	88.6	13.0	13.0	39.4	14.9	14.9
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:	16.8	16.8	16.7	26.3	26.3	26.3	88.6	13.0	13.0	39.4	14.9	14.9
LOS by Move:	B	B	B	C	C	C	F	B	B	D	B	B
HCM2kAvgQ:	2	2	1	7	7	7	2	8	8	1	9	9

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

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

Intersection #2920 Swift/Mission

Cycle (sec):	60	Critical Vol./Cap.(X):	0.974
Loss Time (sec):	12	Average Delay (sec/veh):	37.3
Optimal Cycle:	103	Level Of Service:	D

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	0	0	1!	0	0	1	0
Volume Module:4:00 - 5:00 PM												
Base Vol:	83	43	226	43	14	1	3	518	63	208	439	71
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:	83	43	226	43	14	1	3	518	63	208	439	71
Added Vol:	4	33	374	21	28	0	0	75	3	180	148	43
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	87	76	600	64	42	1	3	593	66	388	587	114
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	94	82	648	69	45	1	3	640	71	419	634	123
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	94	82	648	69	45	1	3	640	71	419	634	123
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:	94	82	648	69	45	1	3	640	71	419	634	123
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.85	0.86	0.91	0.83	0.84	0.84	1.01	1.00	0.99	1.01	0.99	0.98
Lanes:	0.54	0.46	1.00	0.60	0.39	0.01	1.00	1.80	0.20	1.00	1.67	0.33
Final Sat.:	866	757	1730	949	623	15	1928	3416	380	1928	3148	611
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.37	0.07	0.07	0.07	0.00	0.19	0.19	0.22	0.20	0.20
Crit Moves:			****					****		****		
Green/Cycle:	0.38	0.38	0.38	0.38	0.38	0.38	0.00	0.19	0.19	0.22	0.41	0.41
Volume/Cap:	0.28	0.28	0.97	0.19	0.19	0.19	0.49	0.97	0.97	0.97	0.49	0.49
Uniform Del:	12.7	12.7	18.2	12.3	12.3	12.3	29.8	24.1	24.1	23.1	13.0	13.0
IncremntDel:	0.2	0.2	28.4	0.2	0.2	0.2	47.3	26.9	26.9	36.5	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	13.0	13.0	46.6	12.4	12.4	12.4	77.2	51.0	51.0	59.7	13.2	13.2
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:	13.0	13.0	46.6	12.4	12.4	12.4	77.2	51.0	51.0	59.7	13.2	13.2
LOS by Move:	B	B	D	B	B	B	E	D	D	E	B	B
HCM2kAvgQ:	2	2	19	2	2	2	0	9	9	14	6	6

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

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

Intersection #2921 Miramar/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.956
Loss Time (sec):	9	Average Delay (sec/veh):	29.6
Optimal Cycle:	133	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	0	1 0	1	0
Volume Module: PM Peak Hour												
Base Vol:	65	0	118	90	0	112	66	1118	35	155	864	67
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:	65	0	118	90	0	112	66	1118	35	155	864	67
Added Vol:	46	31	46	13	15	25	29	641	23	23	428	19
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	111	31	164	103	15	137	95	1759	58	178	1292	86
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	123	34	182	114	17	152	106	1954	64	198	1436	96
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	123	34	182	114	17	152	106	1954	64	198	1436	96
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:	123	34	182	114	17	152	106	1954	64	198	1436	96
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.45	0.86	0.86	0.34	0.85	0.85	0.93	0.93	0.93	0.93	0.92	0.92
Lanes:	1.00	0.16	0.84	1.00	0.10	0.90	1.00	1.94	0.06	1.00	1.88	0.12
Final Sat.:	862	259	1369	654	159	1452	1769	3408	112	1769	3287	219
Capacity Analysis Module:												
Vol/Sat:	0.14	0.13	0.13	0.18	0.10	0.10	0.06	0.57	0.57	0.11	0.44	0.44
Crit Moves:				****				****		****		
Green/Cycle:	0.18	0.18	0.18	0.18	0.18	0.18	0.09	0.60	0.60	0.12	0.63	0.63
Volume/Cap:	0.78	0.73	0.73	0.96	0.57	0.57	0.69	0.96	0.96	0.96	0.69	0.69
Uniform Del:	35.0	34.6	34.6	36.4	33.5	33.5	40.0	16.9	16.9	39.5	10.9	10.9
IncremntDel:	21.8	8.7	8.7	68.3	2.7	2.7	12.8	11.1	11.1	49.9	1.0	1.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	56.8	43.3	43.3	104.7	36.3	36.3	52.8	27.9	27.9	89.4	11.9	11.9
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:	56.8	43.3	43.3	104.7	36.3	36.3	52.8	27.9	27.9	89.4	11.9	11.9
LOS by Move:	E	D	D	F	D	D	D	C	C	F	B	B
HCM2kAvgQ:	5	7	7	6	5	5	4	34	34	9	15	15

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

Intersection #2922 Almar-Younglove/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.756
Loss Time (sec):	12	Average Delay (sec/veh):	18.8
Optimal Cycle:	66	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0 1	0	1	0 0 1	0	0	1 1 0	1	0	2 0 0
Volume Module:PM Peak Hour												
Base Vol:	28	1	50	42	0	35	0	885	15	66	878	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:	28	1	50	42	0	35	0	885	15	66	878	0
Added Vol:	8	0	167	1	0	7	0	692	8	114	455	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	36	1	217	43	0	42	0	1577	23	180	1333	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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	39	1	233	46	0	45	0	1696	25	194	1433	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	39	1	233	46	0	45	0	1696	25	194	1433	0
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:	39	1	233	46	0	45	0	1696	25	194	1433	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.12	1.00	0.96	1.12	1.20	0.99	1.20	1.10	1.10	1.11	1.11	1.20
Lanes:	1.00	0.01	0.99	1.00	0.00	1.00	0.00	1.97	0.03	1.00	2.00	0.00
Final Sat.:	2123	8	1810	2123	0	1879	0	4138	60	2103	4206	0
Capacity Analysis Module:												
Vol/Sat:	0.02	0.13	0.13	0.02	0.00	0.02	0.00	0.41	0.41	0.09	0.34	0.00
Crit Moves:		****				****		****			****	
Green/Cycle:	0.17	0.17	0.17	0.03	0.00	0.03	0.00	0.54	0.54	0.12	0.66	0.00
Volume/Cap:	0.11	0.76	0.76	0.68	0.00	0.76	0.00	0.76	0.76	0.76	0.51	0.00
Uniform Del:	31.5	35.5	35.5	43.1	0.0	43.2	0.0	16.0	16.0	38.2	7.7	0.0
IncremntDel:	0.1	10.1	10.1	25.3	0.0	41.7	0.0	1.5	1.5	12.1	0.2	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	31.7	45.7	45.7	68.5	0.0	84.9	0.0	17.5	17.5	50.3	7.9	0.0
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:	31.7	45.7	45.7	68.5	0.0	84.9	0.0	17.5	17.5	50.3	7.9	0.0
LOS by Move:	C	D	D	E	A	F	A	B	B	D	A	A
HCM2kAvgQ:	1	8	8	3	0	3	0	20	20	7	11	0

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

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

Intersection #2923 Bay/Mission

Cycle (sec):	120	Critical Vol./Cap.(X):	1.297
Loss Time (sec):	16	Average Delay (sec/veh):	144.9
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	1! 0	0	1 0	1	1 0	1 0	1	1 0
Volume Module: >> Count Date: 1 Jan 2004 << 5:00 - 6:00 PM												
Base Vol:	87	120	74	322	131	112	111	923	52	141	968	188
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:	87	120	74	322	131	112	111	923	52	141	968	188
Added Vol:	52	20	33	56	12	23	34	960	51	56	557	99
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	139	140	107	378	143	135	145	1883	103	197	1525	287
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:	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
PHF Volume:	143	144	110	388	147	138	149	1931	106	202	1564	294
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	143	144	110	388	147	138	149	1931	106	202	1564	294
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:	143	144	110	388	147	138	149	1931	106	202	1564	294
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.92	0.87	0.92	0.92	0.91	0.92	0.92	0.91	0.92	0.90	0.89
Lanes:	1.00	0.56	0.44	1.41	0.30	0.29	1.00	1.90	0.10	1.00	1.68	0.32
Final Sat.:	1769	967	739	2461	535	505	1753	3296	180	1753	2876	541
Capacity Analysis Module:												
Vol/Sat:	0.08	0.15	0.15	0.16	0.27	0.27	0.08	0.59	0.59	0.12	0.54	0.54
Crit Moves:		****			****			****			****	
Green/Cycle:	0.11	0.11	0.11	0.21	0.21	0.21	0.07	0.45	0.45	0.09	0.47	0.47
Volume/Cap:	0.70	1.30	1.30	0.75	1.30	1.30	1.16	1.30	1.30	1.30	1.16	1.16
Uniform Del:	51.2	53.1	53.1	44.3	47.3	47.3	55.6	32.9	32.9	54.7	31.9	31.9
IncremntDel:	10.6	166	166.0	3.4	147	147.3	129.9	138	138.4	172.6	80.6	80.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	61.8	219	219.1	47.7	195	194.6	185.6	171	171.3	227.3	113	112.5
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:	61.8	219	219.1	47.7	195	194.6	185.6	171	171.3	227.3	113	112.5
LOS by Move:	E	F	F	D	F	F	F	F	F	F	F	F
HCM2kAvgQ:	6	19	18	9	31	30	11	70	70	15	55	55

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

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

Intersection #2924 Laurel/Mission

Cycle (sec):	100	Critical Vol./Cap.(X):	1.147
Loss Time (sec):	12	Average Delay (sec/veh):	73.7
Optimal Cycle:	200	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0 1	0	1 0	0 1	0	1 0	1 1	0	1 0	1 1	0
Volume Module:Oct/Nov '03												
Base Vol:	266	155	32	24	170	6	17	952	304	62	1062	33
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:	266	155	32	24	170	6	17	952	304	62	1062	33
Added Vol:	114	31	10	8	58	17	34	946	151	18	606	14
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	380	186	42	32	228	23	51	1898	455	80	1668	47
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:	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
PHF Volume:	384	188	42	32	230	23	52	1917	460	81	1685	47
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	384	188	42	32	230	23	52	1917	460	81	1685	47
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:	384	188	42	32	230	23	52	1917	460	81	1685	47
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.02	1.05	1.04	1.02	1.06	1.06	1.01	0.98	0.95	1.01	1.00	1.00
Lanes:	1.00	0.82	0.18	1.00	0.91	0.09	1.00	1.61	0.39	1.00	1.95	0.05
Final Sat.:	1946	1623	367	1946	1833	185	1910	2978	714	1910	3700	104
Capacity Analysis Module:												
Vol/Sat:	0.20	0.12	0.12	0.02	0.13	0.13	0.03	0.64	0.64	0.04	0.46	0.46
Crit Moves:	****			****			****			****		
Green/Cycle:	0.17	0.25	0.25	0.04	0.11	0.11	0.03	0.56	0.56	0.04	0.56	0.56
Volume/Cap:	1.15	0.47	0.47	0.47	1.15	1.15	0.81	1.15	1.15	1.15	0.81	0.81
Uniform Del:	41.4	32.1	32.1	47.3	44.5	44.5	48.0	21.9	21.9	48.2	17.4	17.4
IncremntDel:	95.1	0.7	0.7	5.0	106	105.7	50.9	72.2	72.2	152.4	2.3	2.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	136.5	32.8	32.8	52.3	150	150.2	98.9	94.1	94.1	200.6	19.7	19.7
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:	136.5	32.8	32.8	52.3	150	150.2	98.9	94.1	94.1	200.6	19.7	19.7
LOS by Move:	F	C	C	D	F	F	F	F	F	F	B	B
HCM2kAvgQ:	18	6	6	2	15	15	3	61	60	6	24	24

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

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

Intersection #2925 Mission/Walnut

Cycle (sec):	90	Critical Vol./Cap.(X):	0.906
Loss Time (sec):	12	Average Delay (sec/veh):	30.8
Optimal Cycle:	106	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:PM Peak Hour												
Base Vol:	65	72	59	59	101	9	14	905	50	41	1080	16
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:	65	72	59	59	101	9	14	905	50	41	1080	16
Added Vol:	51	67	0	13	24	74	121	766	121	0	500	23
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	116	139	59	72	125	83	135	1671	171	41	1580	39
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	122	146	62	76	132	87	142	1759	180	43	1663	41
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	122	146	62	76	132	87	142	1759	180	43	1663	41
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:	122	146	62	76	132	87	142	1759	180	43	1663	41
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.91	0.91	0.91
Lanes:	1.00	0.70	0.30	1.00	0.60	0.40	1.00	1.81	0.19	1.00	1.95	0.05
Final Sat.:	1769	1248	530	1769	1052	698	1736	3106	318	1736	3376	83
Capacity Analysis Module:												
Vol/Sat:	0.07	0.12	0.12	0.04	0.13	0.13	0.08	0.57	0.57	0.02	0.49	0.49
Crit Moves:	****			****			****			****		
Green/Cycle:	0.08	0.16	0.16	0.06	0.14	0.14	0.09	0.62	0.62	0.03	0.56	0.56
Volume/Cap:	0.91	0.75	0.75	0.75	0.91	0.91	0.88	0.91	0.91	0.91	0.88	0.88
Uniform Del:	41.3	36.2	36.2	41.8	38.2	38.2	40.3	14.6	14.6	43.6	17.2	17.2
IncremntDel:	50.1	10.6	10.6	25.9	33.9	33.9	38.7	6.0	6.0	95.2	5.1	5.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	91.3	46.8	46.8	67.6	72.1	72.1	79.0	20.6	20.6	138.9	22.3	22.3
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:	91.3	46.8	46.8	67.6	72.1	72.1	79.0	20.6	20.6	138.9	22.3	22.3
LOS by Move:	F	D	D	E	E	E	E	C	C	F	C	C
HCM2kAvgQ:	6	7	7	4	9	9	7	29	29	3	25	25

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

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

Intersection #2926 King/Mission

Cycle (sec):	150	Critical Vol./Cap.(X):	1.104
Loss Time (sec):	12	Average Delay (sec/veh):	73.0
Optimal Cycle:	200	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	1	0	1! 0	0	0	1	0	1
Volume Module:PM Peak Hour												
Base Vol:	10	6	19	788	1	4	0	1430	3	14	1251	168
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:	10	6	19	788	1	4	0	1430	3	14	1251	168
Added Vol:	10	0	0	104	0	0	0	779	0	0	522	99
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	20	6	19	892	1	4	0	2209	3	14	1773	267
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	22	7	21	991	1	4	0	2454	3	16	1970	297
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	22	7	21	991	1	4	0	2454	3	16	1970	297
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:	22	7	21	991	1	4	0	2454	3	16	1970	297
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.90	0.90	0.93	0.93	0.93	1.00	0.93	0.93	0.93	0.91	0.91
Lanes:	0.45	0.13	0.42	1.98	0.01	0.01	0.00	1.99	0.01	1.00	1.74	0.26
Final Sat.:	763	229	725	3526	4	16	0	3533	5	1769	3013	454
Capacity Analysis Module:												
Vol/Sat:	0.03	0.03	0.03	0.28	0.28	0.28	0.00	0.69	0.69	0.01	0.65	0.65
Crit Moves:	****			****				****		****		
Green/Cycle:	0.03	0.03	0.03	0.26	0.26	0.26	0.00	0.63	0.63	0.01	0.64	0.64
Volume/Cap:	1.10	1.10	1.10	1.10	1.10	1.10	0.00	1.10	1.10	1.10	1.03	1.03
Uniform Del:	73.0	73.0	73.0	55.8	55.8	55.8	0.0	27.8	27.8	74.4	27.2	27.2
IncremntDel:	165.7	166	165.7	60.1	62.5	62.5	0.0	54.0	54.0	276.2	26.0	26.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.48	0.48
Delay/Veh:	238.7	239	238.7	115.9	118	118.3	0.0	81.8	81.8	350.6	38.9	38.9
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:	238.7	239	238.7	115.9	118	118.3	0.0	81.8	81.8	350.6	38.9	38.9
LOS by Move:	F	F	F	F	F	F	A	F	F	F	D	D
HCM2kAvgQ:	5	5	5	32	32	32	0	76	76	1	56	56

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

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

Intersection #2927 Chestnut/Mission

Cycle (sec):	150	Critical Vol./Cap.(X):	1.180
Loss Time (sec):	12	Average Delay (sec/veh):	104.6
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Ovl			Include			Include		
Min. Green:	4	4	4	4	4	10	10	10	10	4	4	4
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	2	0 2	1	1 0	1 0	0 1	0	1 0
Volume Module: PM Peak Hour												
Base Vol:	116	255	36	67	383	993	1226	590	31	21	452	88
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:	116	255	36	67	383	993	1226	590	31	21	452	88
Added Vol:	14	40	6	0	65	415	567	325	8	8	293	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	130	295	42	67	448	1408	1793	915	39	29	745	88
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	141	321	46	73	487	1530	1949	995	42	32	810	96
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	141	321	46	73	487	1530	1949	995	42	32	810	96
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:	141	321	46	73	487	1530	1949	995	42	32	810	96
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.89	0.88	0.91	0.91	0.70	0.88	0.88	0.88	0.92	0.92	0.92
Lanes:	1.00	1.75	0.25	1.00	2.00	2.00	1.96	1.00	0.04	0.07	1.73	0.20
Final Sat.:	1716	2946	419	1736	3473	2645	3285	1676	71	117	3006	355
Capacity Analysis Module:												
Vol/Sat:	0.08	0.11	0.11	0.04	0.14	0.58	0.59	0.59	0.59	0.27	0.27	0.27
Crit Moves:	****				****				****	****		
Green/Cycle:	0.07	0.14	0.14	0.05	0.12	0.62	0.50	0.50	0.50	0.23	0.23	0.23
Volume/Cap:	1.18	0.80	0.80	0.80	1.18	0.93	1.18	1.18	1.18	1.18	1.18	1.18
Uniform Del:	69.8	62.8	62.8	70.3	66.1	25.5	37.3	37.3	37.3	57.9	57.9	57.9
IncremntDel:	138.5	9.6	9.6	37.7	103	9.9	85.3	85.3	85.3	93.7	93.7	93.7
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	0.76	0.76	0.76	1.00	1.00	1.00
Delay/Veh:	208.2	72.4	72.4	108.0	169	35.4	113.7	114	113.7	151.6	152	151.6
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:	208.2	72.4	72.4	108.0	169	35.4	113.7	114	113.7	151.6	152	151.6
LOS by Move:	F	E	E	F	F	D	F	F	F	F	F	F
HCM2kAvgQ:	12	11	11	5	19	40	64	64	64	33	33	33

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

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

Intersection #2928 N_Pacific/River

Cycle (sec):	60	Critical Vol./Cap.(X):	0.775
Loss Time (sec):	6	Average Delay (sec/veh):	13.5
Optimal Cycle:	48	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 1	1	0	0 1 0
Volume Module:	4:45 - 5:45 PM											
Base Vol:	157	31	59	44	26	17	20	383	188	26	361	51
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:	157	31	59	44	26	17	20	383	188	26	361	51
Added Vol:	63	0	0	0	0	0	0	234	193	6	309	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	220	31	59	44	26	17	20	617	381	32	670	51
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	244	34	66	49	29	19	22	686	423	36	744	57
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	244	34	66	49	29	19	22	686	423	36	744	57
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:	244	34	66	49	29	19	22	686	423	36	744	57
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.70	0.71	0.71	0.76	0.77	0.76	0.17	0.98	0.82	0.24	0.96	0.96
Lanes:	0.71	0.10	0.19	0.51	0.30	0.19	1.00	1.00	1.00	1.00	0.93	0.07
Final Sat.:	946	133	254	733	433	283	314	1862	1566	451	1695	129
Capacity Analysis Module:												
Vol/Sat:	0.26	0.26	0.26	0.07	0.07	0.07	0.07	0.37	0.27	0.08	0.44	0.44
Crit Moves:		****									****	
Green/Cycle:	0.33	0.33	0.33	0.33	0.33	0.33	0.57	0.57	0.57	0.57	0.57	0.57
Volume/Cap:	0.78	0.78	0.78	0.20	0.20	0.20	0.12	0.65	0.48	0.14	0.78	0.78
Uniform Del:	18.0	18.0	18.0	14.3	14.3	14.3	6.1	8.9	7.7	6.1	10.1	10.1
IncremntDel:	8.3	8.3	8.3	0.2	0.2	0.2	0.3	1.4	0.4	0.3	3.7	3.7
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	26.3	26.3	26.3	14.5	14.5	14.5	6.4	10.4	8.1	6.4	13.8	13.8
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:	26.3	26.3	26.3	14.5	14.5	14.5	6.4	10.4	8.1	6.4	13.8	13.8
LOS by Move:	C	C	C	B	B	B	A	B	A	A	B	B
HCM2kAvgQ:	8	8	8	1	1	1	0	10	5	0	13	13

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

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

Intersection #2929 Center/Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.711
Loss Time (sec):	9	Average Delay (sec/veh):	21.6
Optimal Cycle:	52	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	0 1	0	0	0 0 0	0	0	2 0 1	1	0	2 0 0
Volume Module:PM Peak Hour												
Base Vol:	93	0	536	0	0	0	0	421	61	353	329	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:	93	0	536	0	0	0	0	421	61	353	329	0
Added Vol:	5	0	75	0	0	0	0	328	3	66	296	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	98	0	611	0	0	0	0	749	64	419	625	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	107	0	664	0	0	0	0	814	70	455	679	0
Reduct Vol:	0	0	429	0	0	0	0	0	0	0	0	0
Reduced Vol:	107	0	235	0	0	0	0	814	70	455	679	0
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:	107	0	235	0	0	0	0	814	70	455	679	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	1.00	0.82	1.00	1.00	1.00	1.00	0.95	0.85	0.91	0.91	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	2.00	1.00	1.00	2.00	0.00
Final Sat.:	1734	0	1551	0	0	0	0	3609	1614	1734	3467	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.15	0.00	0.00	0.00	0.00	0.23	0.04	0.26	0.20	0.00
Crit Moves:			****					****		****		
Green/Cycle:	0.21	0.00	0.21	0.00	0.00	0.00	0.00	0.32	0.32	0.37	0.69	0.00
Volume/Cap:	0.29	0.00	0.71	0.00	0.00	0.00	0.00	0.71	0.14	0.71	0.29	0.00
Uniform Del:	29.7	0.0	32.8	0.0	0.0	0.0	0.0	27.1	21.9	24.3	5.5	0.0
IncremntDel:	0.4	0.0	7.1	0.0	0.0	0.0	0.0	2.1	0.1	3.7	0.1	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.93	0.31	0.00
Delay/Veh:	30.1	0.0	39.9	0.0	0.0	0.0	0.0	29.2	22.0	26.2	1.8	0.0
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:	30.1	0.0	39.9	0.0	0.0	0.0	0.0	29.2	22.0	26.2	1.8	0.0
LOS by Move:	C	A	D	A	A	A	A	C	C	C	A	A
HCM2kAvgQ:	3	0	8	0	0	0	0	10	1	11	1	0

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

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

Intersection #2930 Pacific/Water-Mission

Cycle (sec):	90	Critical Vol./Cap.(X):	0.708
Loss Time (sec):	9	Average Delay (sec/veh):	24.6
Optimal Cycle:	51	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	0	1	0	0	1	1	0	1	1	0	2	0	1	1	0
Volume Module: >> Count Date: 2 Mar 2004 << 4:45 - 5:45 PM												
Base Vol:	0	0	0	20	182	177	200	622	157	132	451	22
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	0	0	20	182	177	200	622	157	132	451	22
Added Vol:	0	0	0	25	171	32	45	358	0	20	330	15
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	45	353	209	245	980	157	152	781	37
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	0	0	0	49	384	227	266	1065	171	165	849	40
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	49	384	227	266	1065	171	165	849	40
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:	0	0	0	49	384	227	266	1065	171	165	849	40
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.97	0.97	0.82	0.94	0.92	0.92	0.90	0.92	0.92
Lanes:	0.00	0.00	0.00	0.11	0.89	1.00	1.00	1.72	0.28	2.00	1.91	0.09
Final Sat.:	0	0	0	208	1633	1567	1787	3013	483	3432	3354	159
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.23	0.23	0.14	0.15	0.35	0.35	0.05	0.25	0.25
Crit Moves:				****			****				****	
Green/Cycle:	0.00	0.00	0.00	0.33	0.33	0.33	0.21	0.50	0.50	0.07	0.36	0.36
Volume/Cap:	0.00	0.00	0.00	0.71	0.71	0.44	0.71	0.71	0.71	0.71	0.71	0.71
Uniform Del:	0.0	0.0	0.0	26.3	26.3	23.5	33.0	17.4	17.4	41.1	24.9	24.9
IncremntDel:	0.0	0.0	0.0	3.8	3.8	0.6	6.1	1.4	1.4	9.5	1.9	1.9
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.77	0.77	1.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	30.1	30.1	24.1	39.1	14.7	14.7	50.6	26.8	26.8
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:	0.0	0.0	0.0	30.1	30.1	24.1	39.1	14.7	14.7	50.6	26.8	26.8
LOS by Move:	A	A	A	C	C	C	D	B	B	D	C	C
HCM2kAvgQ:	0	0	0	12	12	5	8	13	12	4	12	12

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

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

Intersection #2931 River/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	0.922
Loss Time (sec):	12	Average Delay (sec/veh):	42.9
Optimal Cycle:	113	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	0 1	0	1 0	2 0	1	1 0	2 0	1
Volume Module:	4:30 - 5:30 PM											
Base Vol:	107	214	209	92	341	39	71	698	59	156	542	200
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:	107	214	209	92	341	39	71	698	59	156	542	200
Added Vol:	3	150	38	192	72	19	11	370	2	47	342	122
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	110	364	247	284	413	58	82	1068	61	203	884	322
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	118	391	266	305	444	62	88	1148	66	218	951	346
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	118	391	266	305	444	62	88	1148	66	218	951	346
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:	118	391	266	305	444	62	88	1148	66	218	951	346
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.90	0.90	0.76	0.92	0.95	0.95	0.92	0.92	0.76	0.94	0.94	0.77
Lanes:	1.00	2.00	1.00	1.00	0.88	0.12	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	1718	3437	1445	1751	1587	223	1751	3502	1444	1787	3573	1465
Capacity Analysis Module:												
Vol/Sat:	0.07	0.11	0.18	0.17	0.28	0.28	0.05	0.33	0.05	0.12	0.27	0.24
Crit Moves:	****			****			****			****		
Green/Cycle:	0.07	0.19	0.19	0.18	0.30	0.30	0.08	0.36	0.36	0.13	0.41	0.41
Volume/Cap:	0.92	0.59	0.95	0.95	0.92	0.92	0.65	0.92	0.13	0.92	0.65	0.58
Uniform Del:	41.4	33.0	35.8	36.3	30.3	30.3	40.3	27.8	19.6	38.6	21.3	20.5
IncremntDel:	55.9	1.4	39.4	36.2	21.1	21.1	10.4	11.3	0.1	37.8	1.0	1.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	97.2	34.3	75.2	72.4	51.4	51.4	50.7	39.1	19.7	76.3	22.3	21.8
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:	97.2	34.3	75.2	72.4	51.4	51.4	50.7	39.1	19.7	76.3	22.3	21.8
LOS by Move:	F	C	E	E	D	D	D	D	B	E	C	C
HCM2kAvgQ:	6	6	11	13	18	18	4	21	1	10	12	8

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

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------------------------------------------------------------------------------
                    Level Of Service Computation Report
           2000 HCM Operations Method (Future Volume Alternative)
******************************************************************************
Intersection #2932 Ocean/Washburn-Keenan
******************************************************************************
Cycle (sec):          95               Critical Vol./Cap.(X):         0.759
Loss Time (sec):       9               Average Delay (sec/veh):        11.9
Optimal Cycle:        59               Level Of Service:                B
******************************************************************************
Approach:      North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Protected        Protected         Permitted        Permitted
Rights:           Include          Include           Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  1  1  0    1  0  1  1  0    0  0  1! 0  0    0  0  1! 0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM 2001
Base Vol:       8 1080    17    33 1408     5     2    0     7    16    0    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:    8 1080    17    33 1408     5     2    0     7    16    0    15
Added Vol:     29  421    30    20  268     7    31    0    36    33    0    22
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   37 1501    47    53 1676    12    33    0    43    49    0    37
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:    40 1632    51    58 1822    13    36    0    47    53    0    40
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   40 1632    51    58 1822    13    36    0    47    53    0    40
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:   40 1632    51    58 1822    13    36    0    47    53    0    40
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 0.83  0.83  0.93 0.84  0.84  0.61 1.00  0.61  0.56 1.00  0.56
Lanes:       1.00 1.94  0.06  1.00 1.99  0.01  0.43 0.00  0.57  0.57 0.00  0.43
Final Sat.:  1769 3075    96  1769 3158    23   503    0   656   609    0   460
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.02 0.53  0.53  0.03 0.58  0.58  0.07 0.00  0.07  0.09 0.00  0.09
Crit Moves:  ****                ****                           ****
Green/Cycle: 0.03 0.74  0.74  0.05 0.76  0.76  0.12 0.00  0.12  0.12 0.00  0.12
Volume/Cap:  0.76 0.71  0.71  0.71 0.76  0.76  0.62 0.00  0.62  0.76 0.00  0.76
Uniform Del: 45.7  6.6   6.6  44.7  6.5   6.5  40.0  0.0  40.0  40.7  0.0  40.7
IncremntDel: 46.6  1.0   1.0  25.7  1.4   1.4   8.5  0.0   8.5  23.5  0.0  23.5
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay Adj:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 0.00  1.00  1.00 0.00  1.00
Delay/Veh:   92.3  7.7   7.7  70.4  7.9   7.9  48.6  0.0  48.6  64.3  0.0  64.3
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:  92.3  7.7   7.7  70.4  7.9   7.9  48.6  0.0  48.6  64.3  0.0  64.3
LOS by Move:    F    A     A     E    A     A     D    A     D     E    A     E
HCM2kAvgQ:      3   15    15     3   17    17     3    0     3     4    0     4
******************************************************************************
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Note: Queue reported is the number of cars per lane.

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

Intersection #2933 Ocean/Water

Cycle (sec):	120	Critical Vol./Cap.(X):	1.399
Loss Time (sec):	12	Average Delay (sec/veh):	152.6
Optimal Cycle:	200	Level Of Service:	F

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	2 0	1 1	0	1 0	2 0	1
Volume Module:PM 2001												
Base Vol:	171	908	76	404	1140	187	335	929	130	140	527	249
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:	171	908	76	404	1140	187	335	929	130	140	527	249
Added Vol:	14	354	15	75	201	149	125	458	16	22	348	68
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	185	1262	91	479	1341	336	460	1387	146	162	875	317
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	201	1372	99	521	1458	365	500	1508	159	176	951	345
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	201	1372	99	521	1458	365	500	1508	159	176	951	345
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:	201	1372	99	521	1458	365	500	1508	159	176	951	345
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	0.83	0.93	0.93	0.82	0.90	0.92	0.92	0.93	0.93	0.81
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	1.81	0.19	1.00	2.00	1.00
Final Sat.:	1769	3538	1572	1769	3538	1553	3432	3155	332	1769	3538	1536
Capacity Analysis Module:												
Vol/Sat:	0.11	0.39	0.06	0.29	0.41	0.24	0.15	0.48	0.48	0.10	0.27	0.22
Crit Moves:		****		****				****		****		
Green/Cycle:	0.11	0.28	0.28	0.21	0.38	0.38	0.15	0.34	0.34	0.07	0.27	0.27
Volume/Cap:	1.08	1.40	0.23	1.40	1.08	0.62	1.00	1.40	1.40	1.40	1.00	0.84
Uniform Del:	53.7	43.4	33.5	47.4	37.1	30.0	51.3	39.5	39.5	55.7	43.9	41.5
IncremntDel:	88.4	186	0.3	195.3	48.6	1.9	41.5	185	184.9	220.6	30.4	14.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	142.0	229	33.7	242.7	85.7	31.9	92.8	224	224.4	276.3	74.4	55.6
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:	142.0	229	33.7	242.7	85.7	31.9	92.8	224	224.4	276.3	74.4	55.6
LOS by Move:	F	F	C	F	F	C	F	F	F	F	E	E
HCM2kAvgQ:	13	53	3	39	39	11	14	64	64	12	20	12

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

Intersection #2934 Market/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	0.909
Loss Time (sec):	9	Average Delay (sec/veh):	31.2
Optimal Cycle:	102	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0 0	0	1 0	0 0	1	1 0	2 0	0	0 0	1 1	0
Volume Module:5:00 - 6:00 PM												
Base Vol:	0	0	0	459	0	108	115	1280	0	0	766	89
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	0	0	459	0	108	115	1280	0	0	766	89
Added Vol:	0	0	0	55	0	82	96	441	0	0	328	32
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	514	0	190	211	1721	0	0	1094	121
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	0	0	0	541	0	200	222	1812	0	0	1152	127
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	541	0	200	222	1812	0	0	1152	127
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:	0	0	0	541	0	200	222	1812	0	0	1152	127
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.93	1.00	0.83	0.93	0.93	1.00	1.00	0.92	0.92
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	2.00	0.00	0.00	1.80	0.20
Final Sat.:	0	0	0	1769	0	1583	1769	3538	0	0	3138	347
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.31	0.00	0.13	0.13	0.51	0.00	0.00	0.37	0.37
Crit Moves:				****				****		****		
Green/Cycle:	0.00	0.00	0.00	0.34	0.00	0.34	0.14	0.56	0.00	0.00	0.42	0.42
Volume/Cap:	0.00	0.00	0.00	0.91	0.00	0.38	0.87	0.91	0.00	0.00	0.87	0.87
Uniform Del:	0.0	0.0	0.0	28.5	0.0	22.7	37.7	17.6	0.0	0.0	23.9	23.9
IncremntDel:	0.0	0.0	0.0	17.9	0.0	0.4	26.7	6.6	0.0	0.0	6.2	6.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	46.5	0.0	23.1	64.5	24.2	0.0	0.0	30.1	30.1
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:	0.0	0.0	0.0	46.5	0.0	23.1	64.5	24.2	0.0	0.0	30.1	30.1
LOS by Move:	A	A	A	D	A	C	E	C	A	A	C	C
HCM2kAvgQ:	0	0	0	18	0	4	6	22	0	0	16	16

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

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-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
*******************************************************************************
Intersection #2935 N_Branciforte/Water
*******************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         1.056
Loss Time (sec):      12               Average Delay (sec/veh):        61.2
Optimal Cycle:       200               Level Of Service:                 E
*******************************************************************************
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Protected        Protected        Protected        Protected
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  0  1  0    1  0  0  1  0    1  0  2  0  1    1  0  1  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:5:00 - 6:00 PM
Base Vol:     232  257    59    40  172    62   349  860   388    87  644    48
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:  232  257    59    40  172    62   349  860   388    87  644    48
Added Vol:     67   40    16     1   28    51    84  359    53     7  242     2
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  299  297    75    41  200   113   433 1219   441    94  886    50
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  0.93 0.93  0.93  0.93 0.93  0.93  0.93 0.93  0.93
PHF Volume:   322  319    81    44  215   122   466 1311   474   101  953    54
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  322  319    81    44  215   122   466 1311   474   101  953    54
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:  322  319    81    44  215   122   466 1311   474   101  953    54
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 0.95  0.95  0.93 0.93  0.92  0.91 0.91  0.68  0.93 0.92  0.92
Lanes:       1.00 0.80  0.20  1.00 0.64  0.36  1.00 2.00  1.00  1.00 1.89  0.11
Final Sat.:  1769 1442   364  1769 1122   634  1734 3467  1285  1769 3321   187
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.18 0.22  0.22  0.02 0.19  0.19  0.27 0.38  0.37  0.06 0.29  0.29
Crit Moves:  ****                ****          ****                ****
Green/Cycle: 0.17 0.32  0.32  0.04 0.18  0.18  0.25 0.46  0.46  0.07 0.27  0.27
Volume/Cap:  1.06 0.70  0.70  0.70 1.06  1.06  1.06 0.83  0.81  0.83 1.06  1.06
Uniform Del: 41.4 29.9  29.9  47.7 40.9  40.9  37.3 23.7  23.4  46.0 36.4  36.4
IncremntDel: 66.9  3.7   3.7  28.8 65.8  65.8  58.3  3.7   8.1  35.1 44.9  44.9
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:  108.3 33.6  33.6  76.5  107 106.7  95.5 27.4  31.5  81.1 81.4  81.4
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: 108.3 33.6  33.6  76.5  107 106.7  95.5 27.4  31.5  81.1 81.4  81.4
LOS by Move:    F    C     C     E    F     F     F    C     C     F    F     F
HCM2kAvgQ:     16   12    12     3   17    17    18   18    12     5   25    25
*******************************************************************************
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Note: Queue reported is the number of cars per lane.

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------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2936 Seabright/Water
******************************************************************************
Average Delay (sec/veh):     38.2       Worst Case Level Of Service: F[976.1]
******************************************************************************
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    0  0  0  1  0    1  0  1  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM
Base Vol:      30    0    40     0    0     0     0  952    89    15  749     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:   30    0    40     0    0     0     0  952    89    15  749     0
Added Vol:     23    0     5     0    0     0     0  344    31     4  227     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   53    0    45     0    0     0     0 1296   120    19  976     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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:    59    0    50     0    0     0     0 1440   133    21 1084     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:   59    0    50     0    0     0     0 1440   133    21 1084     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:  6.4  6.5   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   4.1 xxxx xxxxx
FollowUpTim:  3.5  4.0   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx   2.2 xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: 2633 2633  1507  xxxx xxxx xxxxx  xxxx xxxx xxxxx  1573 xxxx xxxxx
Potent Cap.:   26   24   149  xxxx xxxx xxxxx  xxxx xxxx xxxxx   419 xxxx xxxxx
Move Cap.:     25   22   149  xxxx xxxx xxxxx  xxxx xxxx xxxxx   419 xxxx xxxxx
Volume/Cap:  2.35 0.00  0.34  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.05 xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.2 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx  14.1 xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     B    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx   40 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx 12.0 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx  976 xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    F     *     *    *     *     *    *     *     *    *     *
ApproachDel:     976.1           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         F                *                *                *
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2937 Morrissey/Soquel/Water

Cycle (sec):	90	Critical Vol./Cap.(X):	0.969
Loss Time (sec):	9	Average Delay (sec/veh):	37.8
Optimal Cycle:	146	Level Of Service:	D

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0 1	0	1 0	1 0	1	2 0	1 1	0	1 0	2 0	1
Volume Module:												
Base Vol:	19	108	15	249	219	0	471	1252	38	57	1200	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:	19	108	15	249	219	0	471	1252	38	57	1200	0
Added Vol:	0	16	12	31	13	67	58	383	0	6	252	29
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	19	124	27	280	232	67	529	1635	38	63	1452	29
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	20	131	28	295	244	71	557	1721	40	66	1528	31
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	20	131	28	295	244	71	557	1721	40	66	1528	31
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:	20	131	28	295	244	71	557	1721	40	66	1528	31
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.43	0.95	0.95	0.56	0.98	0.83	0.90	0.93	0.93	0.93	0.93	0.83
Lanes:	1.00	0.82	0.18	1.00	1.00	1.00	2.00	1.95	0.05	1.00	2.00	1.00
Final Sat.:	812	1488	324	1059	1862	1583	3432	3447	80	1769	3538	1583
Capacity Analysis Module:												
Vol/Sat:	0.02	0.09	0.09	0.28	0.13	0.04	0.16	0.50	0.50	0.04	0.43	0.02
Crit Moves:				****			****				****	
Green/Cycle:	0.29	0.29	0.29	0.29	0.29	0.29	0.17	0.57	0.57	0.04	0.45	0.45
Volume/Cap:	0.09	0.31	0.31	0.97	0.46	0.16	0.97	0.88	0.88	0.88	0.97	0.04
Uniform Del:	23.5	25.1	25.1	31.7	26.3	23.9	37.2	16.6	16.6	42.8	24.3	14.1
IncremntDel:	0.2	0.3	0.3	43.2	0.6	0.2	29.8	4.7	4.7	63.0	15.9	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	23.6	25.4	25.4	74.9	27.0	24.1	67.1	21.3	21.3	105.9	40.3	14.1
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:	23.6	25.4	25.4	74.9	27.0	24.1	67.1	21.3	21.3	105.9	40.3	14.1
LOS by Move:	C	C	C	E	C	C	E	C	C	F	D	B
HCM2kAvgQ:	0	4	4	13	6	1	13	25	25	2	25	0

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

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

Intersection #2938 Frederick/Soquel

Cycle (sec):	90	Critical Vol./Cap.(X):	1.054
Loss Time (sec):	9	Average Delay (sec/veh):	48.1
Optimal Cycle:	200	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	0	1	0	0	0	0	0	0	1	1	0	1	0	2	0	0
Volume Module:												
Base Vol:	125	0	411	0	0	0	0	1292	53	196	1105	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:	125	0	411	0	0	0	0	1292	53	196	1105	0
Added Vol:	13	0	16	0	0	0	0	400	27	22	273	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	138	0	427	0	0	0	0	1692	80	218	1378	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	145	0	449	0	0	0	0	1781	84	229	1451	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	145	0	449	0	0	0	0	1781	84	229	1451	0
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:	145	0	449	0	0	0	0	1781	84	229	1451	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	1.00	0.82	1.00	1.00	1.00	1.00	0.92	0.92	0.93	0.93	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.91	0.09	1.00	2.00	0.00
Final Sat.:	1769	0	1559	0	0	0	0	3354	159	1769	3538	0
Capacity Analysis Module:												
Vol/Sat:	0.08	0.00	0.29	0.00	0.00	0.00	0.00	0.53	0.53	0.13	0.41	0.00
Crit Moves:			****					****		****		
Green/Cycle:	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.50	0.50	0.12	0.63	0.00
Volume/Cap:	0.30	0.00	1.05	0.00	0.00	0.00	0.00	1.05	1.05	1.05	0.65	0.00
Uniform Del:	25.9	0.0	32.7	0.0	0.0	0.0	0.0	22.3	22.3	39.5	10.6	0.0
IncremntDel:	0.4	0.0	58.7	0.0	0.0	0.0	0.0	37.4	37.4	76.1	0.7	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	26.2	0.0	91.4	0.0	0.0	0.0	0.0	59.7	59.7	115.5	11.3	0.0
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:	26.2	0.0	91.4	0.0	0.0	0.0	0.0	59.7	59.7	115.5	11.3	0.0
LOS by Move:	C	A	F	A	A	A	A	E	E	F	B	A
HCM2kAvgQ:	3	0	20	0	0	0	0	34	34	12	14	0

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

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

Intersection #2939 Hagemann-Trevethan/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.802
Loss Time (sec):	6	Average Delay (sec/veh):	10.8
Optimal Cycle:	59	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	1	0	1 1	0	0	1 0
Volume Module:												
Base Vol:	60	12	34	74	11	54	17	1706	32	22	1222	24
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:	60	12	34	74	11	54	17	1706	32	22	1222	24
Added Vol:	9	4	0	0	5	31	49	329	16	0	247	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	69	16	34	74	16	85	66	2035	48	22	1469	24
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	73	17	36	78	17	89	69	2142	51	23	1546	25
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	73	17	36	78	17	89	69	2142	51	23	1546	25
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:	73	17	36	78	17	89	69	2142	51	23	1546	25
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.61	0.62	0.61	0.73	0.74	0.73	0.12	0.93	0.93	0.81	0.81	0.81
Lanes:	0.58	0.13	0.29	0.42	0.09	0.49	1.00	1.95	0.05	0.03	1.94	0.03
Final Sat.:	678	157	334	589	127	677	231	3446	81	45	2982	49
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.11	0.13	0.13	0.13	0.30	0.62	0.62	0.52	0.52	0.52
Crit Moves:					****			****				
Green/Cycle:	0.16	0.16	0.16	0.16	0.16	0.16	0.78	0.78	0.78	0.78	0.78	0.78
Volume/Cap:	0.65	0.65	0.65	0.80	0.80	0.80	0.39	0.80	0.80	0.67	0.67	0.67
Uniform Del:	39.1	39.1	39.1	40.2	40.2	40.2	3.6	6.7	6.7	5.3	5.3	5.3
IncremntDel:	7.6	7.6	7.6	18.0	18.0	18.0	1.4	1.8	1.8	0.7	0.7	0.7
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	46.7	46.7	46.7	58.2	58.2	58.2	5.0	8.5	8.5	6.0	6.0	6.0
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:	46.7	46.7	46.7	58.2	58.2	58.2	5.0	8.5	8.5	6.0	6.0	6.0
LOS by Move:	D	D	D	E	E	E	A	A	A	A	A	A
HCM2kAvgQ:	5	5	5	8	8	8	1	23	23	12	12	12

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

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

Intersection #2940 Park/Soquel

Cycle (sec):	90	Critical Vol./Cap.(X):	0.955
Loss Time (sec):	6	Average Delay (sec/veh):	18.1
Optimal Cycle:	132	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 1 0	0	1	0 1 0
Volume Module:												
Base Vol:	13	18	19	128	7	69	39	1780	11	9	1169	28
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:	13	18	19	128	7	69	39	1780	11	9	1169	28
Added Vol:	40	0	7	0	0	0	0	311	19	3	207	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	18	26	128	7	69	39	2091	30	12	1376	28
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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	56	19	27	135	7	73	41	2201	32	13	1448	29
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	19	27	135	7	73	41	2201	32	13	1448	29
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:	56	19	27	135	7	73	41	2201	32	13	1448	29
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.73	0.74	0.73	0.68	0.69	0.68	0.82	0.82	0.82	0.83	0.83	0.83
Lanes:	0.55	0.18	0.27	0.63	0.03	0.34	0.04	1.93	0.03	0.02	1.94	0.04
Final Sat.:	762	259	374	816	45	440	57	3032	43	27	3077	63
Capacity Analysis Module:												
Vol/Sat:	0.07	0.07	0.07	0.17	0.17	0.17	0.73	0.73	0.73	0.47	0.47	0.47
Crit Moves:					****			****				
Green/Cycle:	0.17	0.17	0.17	0.17	0.17	0.17	0.76	0.76	0.76	0.76	0.76	0.76
Volume/Cap:	0.42	0.42	0.42	0.95	0.95	0.95	0.95	0.95	0.95	0.62	0.62	0.62
Uniform Del:	33.2	33.2	33.2	36.9	36.9	36.9	9.4	9.4	9.4	4.9	4.9	4.9
IncremntDel:	1.2	1.2	1.2	47.2	47.2	47.2	10.0	10.0	10.0	0.5	0.5	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	34.4	34.4	34.4	84.1	84.1	84.1	19.4	19.4	19.4	5.4	5.4	5.4
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:	34.4	34.4	34.4	84.1	84.1	84.1	19.4	19.4	19.4	5.4	5.4	5.4
LOS by Move:	C	C	C	F	F	F	B	B	B	A	A	A
HCM2kAvgQ:	3	3	3	10	10	10	31	31	31	10	10	10

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

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

Intersection #2941 Capitola_Rd/Soquel_Av

Cycle (sec):	90	Critical Vol./Cap.(X):	0.671
Loss Time (sec):	12	Average Delay (sec/veh):	24.9
Optimal Cycle:	54	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ignore			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 1	0 0	1	0 1	0 0	1	1 0	2 0	1	1 0	1 1	0
Volume Module:												
Base Vol:	542	16	77	47	25	28	20	836	859	79	595	25
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:	542	16	77	47	25	28	20	836	859	79	595	25
Added Vol:	132	0	0	0	0	0	0	80	238	0	78	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	674	16	77	47	25	28	20	916	1097	79	673	25
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.00	0.92	0.92	0.92
PHF Volume:	733	17	84	51	27	30	22	996	0	86	732	27
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	733	17	84	51	27	30	22	996	0	86	732	27
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	733	17	84	51	27	30	22	996	0	86	732	27
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.82	0.97	0.97	0.85	0.95	0.95	1.00	0.91	0.91	0.91
Lanes:	1.95	0.05	1.00	0.65	0.35	1.00	1.00	2.00	1.00	1.00	1.93	0.07
Final Sat.:	3432	81	1567	1200	638	1614	1804	3609	1700	1734	3326	124
Capacity Analysis Module:												
Vol/Sat:	0.21	0.21	0.05	0.04	0.04	0.02	0.01	0.28	0.00	0.05	0.22	0.22
Crit Moves:	****			****				****		****		
Green/Cycle:	0.32	0.32	0.32	0.06	0.06	0.06	0.03	0.41	0.00	0.07	0.46	0.46
Volume/Cap:	0.67	0.67	0.17	0.67	0.67	0.30	0.48	0.67	0.00	0.67	0.48	0.48
Uniform Del:	26.6	26.6	22.1	41.2	41.2	40.2	43.3	21.5	0.0	40.6	16.8	16.8
IncremntDel:	1.6	1.6	0.2	14.2	14.2	1.6	7.7	1.2	0.0	13.0	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Delay/Veh:	28.2	28.2	22.3	55.4	55.4	41.9	51.0	22.8	0.0	53.6	17.1	17.1
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:	28.2	28.2	22.3	55.4	55.4	41.9	51.0	22.8	0.0	53.6	17.1	17.1
LOS by Move:	C	C	C	E	E	D	D	C	A	D	B	B
HCM2kAvgQ:	10	10	2	3	3	1	1	11	0	2	7	7

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

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

Intersection #2942 La_Fonda_Av/Soquel_Av

Cycle (sec):	100	Critical Vol./Cap.(X):	0.316
Loss Time (sec):	12	Average Delay (sec/veh):	10.9
Optimal Cycle:	32	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Ovl			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	1	0 0	1	0	1 1	1	0	1 1 0
Volume Module:												
Base Vol:	1	1	1	52	0	55	75	701	2	2	467	69
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:	1	1	1	52	0	55	75	701	2	2	467	69
Added Vol:	0	0	0	0	0	23	24	56	0	0	55	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	1	1	52	0	78	99	757	2	2	522	69
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	1	1	1	57	0	85	108	823	2	2	567	75
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	1	1	1	57	0	85	108	823	2	2	567	75
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:	1	1	1	57	0	85	108	823	2	2	567	75
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.93	1.00	0.83	0.93	0.93	0.93	0.94	0.92	0.92
Lanes:	0.34	0.33	0.33	1.00	0.00	1.00	1.00	1.99	0.01	1.00	1.77	0.23
Final Sat.:	583	583	583	1773	0	1583	1769	3528	9	1787	3099	410
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.03	0.00	0.05	0.06	0.23	0.23	0.00	0.18	0.18
Crit Moves:		****		****			****				****	
Green/Cycle:	0.01	0.01	0.01	0.10	0.00	0.29	0.19	0.77	0.77	0.00	0.58	0.58
Volume/Cap:	0.32	0.32	0.32	0.32	0.00	0.18	0.32	0.30	0.30	0.30	0.32	0.32
Uniform Del:	49.5	49.5	49.5	41.7	0.0	26.3	34.7	3.5	3.5	49.7	10.8	10.8
IncremntDel:	16.8	16.8	16.8	1.0	0.0	0.2	0.5	0.1	0.1	22.4	0.1	0.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delay/Veh:	66.3	66.3	66.3	42.8	0.0	26.5	35.2	3.5	3.5	72.1	10.9	10.9
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:	66.3	66.3	66.3	42.8	0.0	26.5	35.2	3.5	3.5	72.1	10.9	10.9
LOS by Move:	E	E	E	D	A	C	D	A	A	E	B	B
HCM2kAvgQ:	0	0	0	2	0	2	3	4	4	0	5	5

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2943 California_Ave/Bay

Cycle (sec):	1	Critical Vol./Cap.(X):	1.390
Loss Time (sec):	0	Average Delay (sec/veh):	139.7
Optimal Cycle:	0	Level Of Service:	F

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	0 0	1	0	0 0	0 0	0	0 0	1 0	0	1 0	0 0
Volume Module:PM												
Base Vol:	191	0	36	0	0	0	0	511	142	58	471	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:	191	0	36	0	0	0	0	511	142	58	471	0
Added Vol:	36	0	16	0	0	0	0	95	38	9	106	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	227	0	52	0	0	0	0	606	180	67	577	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	247	0	57	0	0	0	0	659	196	73	627	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	247	0	57	0	0	0	0	659	196	73	627	0
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:	247	0	57	0	0	0	0	659	196	73	627	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.77	0.23	0.10	0.90	0.00
Final Sat.:	458	0	539	0	0	0	0	474	141	62	536	0
Capacity Analysis Module:												
Vol/Sat:	0.54	xxxx	0.10	xxxx	xxxx	xxxx	xxxx	1.39	1.39	1.17	1.17	xxxx
Crit Moves:	****							****		****		
Delay/Veh:	19.4	0.0	10.2	0.0	0.0	0.0	0.0	203	203.1	115.1	115	0.0
Delay 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
AdjDel/Veh:	19.4	0.0	10.2	0.0	0.0	0.0	0.0	203	203.1	115.1	115	0.0
LOS by Move:	C	*	B	*	*	*	*	F	F	F	F	*
ApproachDel:	17.7			xxxxxx			203.1			115.1		
Delay Adj:	1.00			xxxxx			1.00			1.00		
ApprAdjDel:	17.7			xxxxxx			203.1			115.1		
LOS by Appr:	C			*			F			F		
AllWayAvgQ:	1.1	0.0	0.1	0.0	0.0	0.0	33.2	33.2	33.2	17.6	17.6	17.6

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

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------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2944 California_St/Bay
******************************************************************************
Average Delay (sec/veh):    175.6       Worst Case Level Of Service: F[929.2]
******************************************************************************
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  0  0  0    0  0  1! 0  0    0  1  0  0  0    0  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:November 2003
Base Vol:       0    0     0   212    0    88   128  441     0     0  338   334
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    0     0   212    0    88   128  441     0     0  338   334
Added Vol:      0    0     0    38    0     5     2   95     0     0   81    61
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     0   250    0    93   130  536     0     0  419   395
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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:     0    0     0   278    0   103   144  596     0     0  466   439
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     0   278    0   103   144  596     0     0  466   439
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx   6.4  6.5   6.2   4.1 xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx xxxxx   3.5  4.0   3.3   2.2 xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  1569 1569   685   904 xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx xxxxx   122  111   448   752 xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx xxxxx   102   88   448   752 xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  xxxx  2.72 0.00  0.23  0.19 xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.7 xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx  10.9 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  131 xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx 35.3 xxxxx   0.7 xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx  929 xxxxx  10.9 xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    F     *     B    *     *     *    *     *
ApproachDel:    xxxxxx            929.2           xxxxxx           xxxxxx
ApproachLOS:         *                F               *                *
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2945 California_St/Laurel_St

Cycle (sec):	80	Critical Vol./Cap.(X):	0.850
Loss Time (sec):	9	Average Delay (sec/veh):	26.7
Optimal Cycle:	76	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1 0	0 1	0	1 0	0 1 0
Volume Module:PM Peak Hour												
Base Vol:	35	224	237	23	169	29	11	515	30	110	529	20
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:	35	224	237	23	169	29	11	515	30	110	529	20
Added Vol:	0	0	64	0	0	0	0	226	0	43	154	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	35	224	301	23	169	29	11	741	30	153	683	20
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	38	243	327	25	184	32	12	805	33	166	742	22
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	243	327	25	184	32	12	805	33	166	742	22
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:	38	243	327	25	184	32	12	805	33	166	742	22
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	0.91	0.84	0.87	0.87	0.87	0.93	0.97	0.97	0.90	0.95	0.95
Lanes:	0.14	0.86	1.00	0.10	0.77	0.13	1.00	0.96	0.04	1.00	0.97	0.03
Final Sat.:	233	1490	1599	171	1260	216	1769	1779	72	1716	1748	51
Capacity Analysis Module:												
Vol/Sat:	0.16	0.16	0.20	0.15	0.15	0.15	0.01	0.45	0.45	0.10	0.42	0.42
Crit Moves:			****					****		****		
Green/Cycle:	0.24	0.24	0.24	0.24	0.24	0.24	0.01	0.53	0.53	0.11	0.64	0.64
Volume/Cap:	0.68	0.68	0.85	0.61	0.61	0.61	0.67	0.85	0.85	0.85	0.67	0.67
Uniform Del:	27.6	27.6	29.0	27.0	27.0	27.0	39.5	16.0	16.0	34.8	9.2	9.2
IncremntDel:	4.5	4.5	16.2	2.7	2.7	2.7	67.7	7.1	7.1	28.0	1.5	1.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	32.1	32.1	45.2	29.7	29.7	29.7	107.1	23.1	23.1	62.8	10.7	10.7
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:	32.1	32.1	45.2	29.7	29.7	29.7	107.1	23.1	23.1	62.8	10.7	10.7
LOS by Move:	C	C	D	C	C	C	F	C	C	E	B	B
HCM2kAvgQ:	8	8	11	6	6	6	0	16	16	7	13	13

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

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

Intersection #2946 Chestnut/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.838
Loss Time (sec):	9	Average Delay (sec/veh):	24.4
Optimal Cycle:	72	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lanes:	0 1	0	0 1	0 1	0	0 1	1 0	1	0 1	1 0	0	1 0
Volume Module: >> Count Date: 30 Sep 2004 << 5:00 - 6:00 PM												
Base Vol:	129	37	70	23	36	44	60	632	70	57	588	25
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:	129	37	70	23	36	44	60	632	70	57	588	25
Added Vol:	11	16	22	3	26	25	39	241	20	19	190	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	140	53	92	26	62	69	99	873	90	76	778	28
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:	0.90 0.90		0.90	0.90 0.90		0.90	0.90 0.90		0.90	0.90 0.90		0.90
PHF Volume:	156	59	102	29	69	77	110	970	100	84	864	31
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	156	59	102	29	69	77	110	970	100	84	864	31
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:	156	59	102	29	69	77	110	970	100	84	864	31
Saturation Flow Module:												
Sat/Lane:	1900 1900		1900	1900 1900		1900	1900 1900		1900	1900 1900		1900
Adjustment:	0.64 0.67		0.79	0.86 0.87		0.76	0.93 0.98		0.79	0.93 0.98		0.97
Lanes:	0.74 0.26		1.00	0.30 0.70		1.00	1.00 1.00		1.00	1.00 0.97		0.03
Final Sat.:	890	337	1495	484	1155	1442	1769	1862	1500	1769	1788	64
Capacity Analysis Module:												
Vol/Sat:	0.17 0.17		0.07	0.06 0.06		0.05	0.06 0.52		0.07	0.05 0.48		0.48
Crit Moves:	****						****			****		
Green/Cycle:	0.21 0.21		0.21	0.21 0.21		0.21	0.08 0.62		0.62	0.06 0.60		0.60
Volume/Cap:	0.84 0.84		0.33	0.29 0.29		0.25	0.80 0.84		0.11	0.84 0.80		0.80
Uniform Del:	30.4 30.4		26.9	26.6 26.6		26.5	36.3 11.9		6.1	37.4 12.3		12.3
IncremntDel:	20.9 20.9		0.6	0.5 0.5		0.4	28.0 5.5		0.1	42.9 4.3		4.3
InitQueuDel:	0.0 0.0		0.0	0.0 0.0		0.0	0.0 0.0		0.0	0.0 0.0		0.0
Delay 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
Delay/Veh:	51.2 51.2		27.5	27.1 27.1		26.9	64.3 17.5		6.2	80.3 16.6		16.6
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:	51.2 51.2		27.5	27.1 27.1		26.9	64.3 17.5		6.2	80.3 16.6		16.6
LOS by Move:	D	D	C	C	C	C	E	B	A	F	B	B
HCM2kAvgQ:	8	8	2	2	2	2	5	21	1	4	19	19

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

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

Intersection #2947 Center/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.820
Loss Time (sec):	9	Average Delay (sec/veh):	20.4
Optimal Cycle:	68	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	0	1	0	1	0	1	0
Volume Module: PM Peak (w/ Cedar St. adjustments)												
Base Vol:	61	78	45	107	59	50	30	588	63	56	521	38
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:	61	78	45	107	59	50	30	588	63	56	521	38
Added Vol:	1	14	16	19	14	0	0	265	2	0	211	17
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	62	92	61	126	73	50	30	853	65	56	732	55
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	67	100	66	137	79	54	33	927	71	61	796	60
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	67	100	66	137	79	54	33	927	71	61	796	60
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:	67	100	66	137	79	54	33	927	71	61	796	60
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.75	0.75	0.83	0.48	0.92	0.92	0.93	0.97	0.97	0.93	0.97	0.97
Lanes:	0.40	0.60	1.00	1.00	0.59	0.41	1.00	0.93	0.07	1.00	0.93	0.07
Final Sat.:	576	855	1583	903	1038	711	1769	1711	130	1769	1715	129
Capacity Analysis Module:												
Vol/Sat:	0.12	0.12	0.04	0.15	0.08	0.08	0.02	0.54	0.54	0.03	0.46	0.46
Crit Moves:				****				****		****		
Green/Cycle:	0.18	0.18	0.18	0.18	0.18	0.18	0.03	0.66	0.66	0.04	0.68	0.68
Volume/Cap:	0.63	0.63	0.23	0.82	0.41	0.41	0.69	0.82	0.82	0.82	0.69	0.69
Uniform Del:	30.1	30.1	27.7	31.3	28.8	28.8	38.6	10.1	10.1	38.0	7.8	7.8
IncremntDel:	4.9	4.9	0.4	26.4	0.9	0.9	34.6	4.6	4.6	49.1	1.6	1.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	35.0	35.0	28.1	57.7	29.6	29.6	73.2	14.6	14.6	87.1	9.5	9.5
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:	35.0	35.0	28.1	57.7	29.6	29.6	73.2	14.6	14.6	87.1	9.5	9.5
LOS by Move:	C	C	C	E	C	C	E	B	B	F	A	A
HCM2kAvgQ:	5	5	2	6	3	3	2	20	20	1	12	12

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

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------------------------------------------------------------------------------
                     Level Of Service Computation Report
           2000 HCM Unsignalized Method (Future Volume Alternative)
******************************************************************************
Intersection #2948 Cedar/Laurel
******************************************************************************
Average Delay (sec/veh):      1.7       Worst Case Level Of Service: C[ 22.8]
******************************************************************************
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  0  0  1    0  0  0  0  1    1  0  0  1  0    0  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM Peak (w/ Cedar St. adjustments)
Base Vol:       0    0    14     0    0   106    41  808    26     0  586    83
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    0    14     0    0   106    41  808    26     0  586    83
Added Vol:      0    0     0     0    0     9    26  274     0     0  220    11
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0    14     0    0   115    67 1082    26     0  806    94
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:     0    0    15     0    0   125    73 1176    28     0  876   102
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0    15     0    0   125    73 1176    28     0  876   102
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx   6.2   4.1 xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx   3.3   2.2 xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx  1190  xxxx xxxx   927   978 xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   229  xxxx xxxx   325   705 xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   229  xxxx xxxx   325   705 xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.07  xxxx xxxx  0.38  0.10 xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.2  xxxx xxxx   1.8   0.3 xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  21.9 xxxxx xxxx  22.8  10.7 xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     C     *    *     C     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 xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:       21.9             22.8           xxxxxx           xxxxxx
ApproachLOS:          C                C                *                *
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2949 Pacific/Laurel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.926
Loss Time (sec):	9	Average Delay (sec/veh):	32.5
Optimal Cycle:	105	Level Of Service:	C

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	0	0	1!	0	1	0	0	1	0	1	0	0	1	0
Volume Module: PM Peak (w/ Cedar St. adjustments)												
Base Vol:	54	85	40	85	45	27	78	701	39	57	631	74
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:	54	85	40	85	45	27	78	701	39	57	631	74
Added Vol:	2	5	0	5	12	18	65	206	2	0	210	8
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	90	40	90	57	45	143	907	41	57	841	82
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	62	99	44	99	63	49	157	997	45	63	924	90
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	62	99	44	99	63	49	157	997	45	63	924	90
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:	62	99	44	99	63	49	157	997	45	63	924	90
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.77	0.77	0.83	0.61	0.61	0.61	0.93	0.97	0.97	0.93	0.97	0.97
Lanes:	0.38	0.62	1.00	0.47	0.30	0.23	1.00	0.96	0.04	1.00	0.91	0.09
Final Sat.:	561	901	1583	545	345	272	1769	1771	80	1769	1675	163
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.03	0.18	0.18	0.18	0.09	0.56	0.56	0.04	0.55	0.55
Crit Moves:					****		****				****	
Green/Cycle:	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.65	0.65	0.04	0.60	0.60
Volume/Cap:	0.56	0.56	0.14	0.93	0.93	0.93	0.93	0.87	0.87	0.87	0.93	0.93
Uniform Del:	29.1	29.1	26.6	31.6	31.6	31.6	35.9	11.2	11.2	38.1	14.6	14.6
IncremntDel:	2.5	2.5	0.2	39.9	39.9	39.9	48.1	6.8	6.8	61.9	13.1	13.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	31.6	31.6	26.8	71.5	71.5	71.5	84.0	17.9	17.9	100.0	27.7	27.7
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:	31.6	31.6	26.8	71.5	71.5	71.5	84.0	17.9	17.9	100.0	27.7	27.7
LOS by Move:	C	C	C	E	E	E	F	B	B	F	C	C
HCM2kAvgQ:	4	4	1	9	9	9	4	20	20	2	23	23

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                     Level Of Service Computation Report
            2000 HCM Operations Method (Future Volume Alternative)
******************************************************************************
Intersection #2950 Front/Laurel
******************************************************************************
Cycle (sec):          80               Critical Vol./Cap.(X):         0.888
Loss Time (sec):      12               Average Delay (sec/veh):        34.6
Optimal Cycle:        93               Level Of Service:                C
******************************************************************************
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Protected        Protected        Protected        Protected
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
Lanes:        1  0  1  0  1    1  0  1  0  1    1  0  1  1  0    1  0  1  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:PM Peak (w/ Cedar St. adjustments)
Base Vol:       3  144   190   134  255   209   121  653    26   180  512   135
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:    3  144   190   134  255   209   121  653    26   180  512   135
Added Vol:      0   74    18    46   89    20    21  191     0    23  198    42
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    3  218   208   180  344   229   142  844    26   203  710   177
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:     0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92  0.92 0.92  0.92
PHF Volume:     3  237   226   196  374   249   154  917    28   221  772   192
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    3  237   226   196  374   249   154  917    28   221  772   192
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:    3  237   226   196  374   249   154  917    28   221  772   192
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.93 0.98  0.83  0.93 0.98  0.83  0.93 0.93  0.93  0.93 0.98  0.83
Lanes:       1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.94  0.06  1.00 1.00  1.00
Final Sat.:  1769 1862  1583  1769 1862  1583  1769 3418   105  1769 1862  1583
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.13  0.14  0.11 0.20  0.16  0.09 0.27  0.27  0.12 0.41  0.12
Crit Moves:             ****  ****             ****                   ****
Green/Cycle: 0.00 0.16  0.16  0.12 0.28  0.28  0.10 0.39  0.39  0.18 0.47  0.47
Volume/Cap:  0.71 0.79  0.89  0.89 0.71  0.56  0.89 0.70  0.70  0.70 0.89  0.26
Uniform Del: 39.9 32.3  32.9  34.5 25.8  24.4  35.6 20.6  20.6  30.8 19.4  13.0
IncremntDel:206.4 13.3  29.2  32.5  4.5   1.6  38.4  1.6   1.6   6.6 11.1   0.2
InitQueuDel:  0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0   0.0  0.0   0.0
Delay 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
Delay/Veh:  246.3 45.6  62.1  66.9 30.2  26.0  74.0 22.2  22.2  37.4 30.5  13.1
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: 246.3 45.6  62.1  66.9 30.2  26.0  74.0 22.2  22.2  37.4 30.5  13.1
LOS by Move:    F    D     E     E    C     C     E    C     C     D    C     B
HCM2kAvgQ:      1    8     9     6    8     5     4   10    10     5   18     3
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Note: Queue reported is the number of cars per lane.

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

Intersection #2951 Front/Metro_Center

Cycle (sec):	60	Critical Vol./Cap.(X):	0.520
Loss Time (sec):	6	Average Delay (sec/veh):	2.6
Optimal Cycle:	27	Level Of Service:	A

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0 1	0 0	0	0 1	0 1	0	0 1!	0 0	0	0 0	0 0
Volume Module: PM Peak (w/ Cedar St. adjustments)												
Base Vol:	13	465	0	0	545	15	13	0	18	0	0	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:	13	465	0	0	545	15	13	0	18	0	0	0
Added Vol:	0	137	0	0	155	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	13	602	0	0	700	15	13	0	18	0	0	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:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PHF Volume:	15	684	0	0	795	17	15	0	20	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	15	684	0	0	795	17	15	0	20	0	0	0
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:	15	684	0	0	795	17	15	0	20	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.31	0.98	1.00	1.00	0.98	0.83	0.45	1.00	0.45	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.00	1.00	0.42	0.00	0.58	0.00	0.00	0.00
Final Sat.:	594	1862	0	0	1862	1583	360	0	498	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.02	0.37	0.00	0.00	0.43	0.01	0.04	0.00	0.04	0.00	0.00	0.00
Crit Moves:					****		****					
Green/Cycle:	0.82	0.82	0.00	0.00	0.82	0.82	0.08	0.00	0.08	0.00	0.00	0.00
Volume/Cap:	0.03	0.45	0.00	0.00	0.52	0.01	0.52	0.00	0.52	0.00	0.00	0.00
Uniform Del:	1.0	1.5	0.0	0.0	1.7	1.0	26.5	0.0	26.5	0.0	0.0	0.0
IncremntDel:	0.0	0.2	0.0	0.0	0.3	0.0	7.1	0.0	7.1	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	1.0	1.7	0.0	0.0	2.0	1.0	33.6	0.0	33.6	0.0	0.0	0.0
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:	1.0	1.7	0.0	0.0	2.0	1.0	33.6	0.0	33.6	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	C	A	C	A	A	A
HCM2kAvgQ:	0	4	0	0	5	0	1	0	1	0	0	0

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

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

Intersection #2952 Front/Cathcart

Cycle (sec):	85	Critical Vol./Cap.(X):	0.492
Loss Time (sec):	6	Average Delay (sec/veh):	9.0
Optimal Cycle:	27	Level Of Service:	A

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 1	0	1 0	0 0	1	0 0	0 0	0
Volume Module:PM Peak (w/ Cedar St. adjustments)												
Base Vol:	56	426	0	0	592	153	98	0	66	0	0	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:	56	426	0	0	592	153	98	0	66	0	0	0
Added Vol:	53	84	0	0	120	135	80	0	35	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	109	510	0	0	712	288	178	0	101	0	0	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	115	537	0	0	749	303	187	0	106	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	115	537	0	0	749	303	187	0	106	0	0	0
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:	115	537	0	0	749	303	187	0	106	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.25	0.80	1.00	1.00	0.82	0.82	0.95	1.00	0.68	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.42	0.58	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	483	1520	0	0	2214	895	1805	0	1292	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.24	0.35	0.00	0.00	0.34	0.34	0.10	0.00	0.08	0.00	0.00	0.00
Crit Moves:		****					****					
Green/Cycle:	0.72	0.72	0.00	0.00	0.72	0.72	0.21	0.00	0.21	0.00	0.00	0.00
Volume/Cap:	0.33	0.49	0.00	0.00	0.47	0.47	0.49	0.00	0.39	0.00	0.00	0.00
Uniform Del:	4.4	5.2	0.0	0.0	5.1	5.1	29.5	0.0	28.8	0.0	0.0	0.0
IncremntDel:	0.6	0.4	0.0	0.0	0.2	0.2	1.0	0.0	0.9	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	5.0	5.6	0.0	0.0	5.3	5.3	30.5	0.0	29.7	0.0	0.0	0.0
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:	5.0	5.6	0.0	0.0	5.3	5.3	30.5	0.0	29.7	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	C	A	C	A	A	A
HCM2kAvgQ:	1	6	0	0	6	6	5	0	3	0	0	0

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

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

Intersection #2953 Front/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.801
Loss Time (sec):	9	Average Delay (sec/veh):	32.4
Optimal Cycle:	69	Level Of Service:	C

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	1 0	1	0	0 1 0	0	1	0 1 0	1	1	0 0 1
Volume Module: >> Count Date: 29 May 2001 << 4:30 - 5:30 PM												
Base Vol:	43	348	173	151	368	52	60	140	39	392	149	75
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:	43	348	173	151	368	52	60	140	39	392	149	75
Added Vol:	0	135	30	32	218	17	4	98	1	37	137	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	483	203	183	586	69	64	238	40	429	286	75
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	48	537	226	203	651	77	71	264	44	477	318	83
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	48	537	226	203	651	77	71	264	44	477	318	83
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:	48	537	226	203	651	77	71	264	44	477	318	83
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.60	0.60	0.60	0.27	0.96	0.96	0.91	0.91	0.91	0.94	0.94	0.82
Lanes:	0.12	1.32	0.56	1.00	0.89	0.11	0.37	1.40	0.23	1.20	0.80	1.00
Final Sat.:	134	1504	632	505	1639	193	644	2396	403	2150	1433	1563
Capacity Analysis Module:												
Vol/Sat:	0.36	0.36	0.36	0.40	0.40	0.40	0.11	0.11	0.11	0.22	0.22	0.05
Crit Moves:					****			****			****	
Green/Cycle:	0.50	0.50	0.50	0.50	0.50	0.50	0.14	0.14	0.14	0.28	0.28	0.28
Volume/Cap:	0.72	0.72	0.72	0.81	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.19
Uniform Del:	19.8	19.8	19.8	21.3	21.1	21.1	41.8	41.8	41.8	33.6	33.6	27.6
IncremntDel:	2.3	2.3	2.3	18.1	5.2	5.2	9.5	9.5	9.5	4.7	4.7	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	22.1	22.1	22.1	39.4	26.3	26.3	51.2	51.2	51.2	38.4	38.4	27.9
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:	22.1	22.1	22.1	39.4	26.3	26.3	51.2	51.2	51.2	38.4	38.4	27.9
LOS by Move:	C	C	C	D	C	C	D	D	D	D	D	C
HCM2kAvgQ:	10	10	10	8	20	20	8	8	8	13	13	2

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

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

Intersection #2954 Front/Cooper

Cycle (sec):	50	Critical Vol./Cap.(X):	0.578
Loss Time (sec):	6	Average Delay (sec/veh):	9.6
Optimal Cycle:	29	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 1	0	0 0	1! 0	0	0 0	0 0	0
Volume Module:												
Base Vol:	79	390	0	0	455	53	104	0	116	0	0	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:	79	390	0	0	455	53	104	0	116	0	0	0
Added Vol:	0	112	0	0	217	21	39	0	32	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	79	502	0	0	672	74	143	0	148	0	0	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	86	546	0	0	730	80	155	0	161	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	86	546	0	0	730	80	155	0	161	0	0	0
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:	86	546	0	0	730	80	155	0	161	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.29	0.98	1.00	1.00	0.92	0.92	0.77	1.00	0.77	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	0.00	1.80	0.20	0.49	0.00	0.51	0.00	0.00	0.00
Final Sat.:	551	1862	0	0	3139	346	722	0	748	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.16	0.29	0.00	0.00	0.23	0.23	0.22	0.00	0.22	0.00	0.00	0.00
Crit Moves:		****					****					
Green/Cycle:	0.51	0.51	0.00	0.00	0.51	0.51	0.37	0.00	0.37	0.00	0.00	0.00
Volume/Cap:	0.31	0.58	0.00	0.00	0.46	0.46	0.58	0.00	0.58	0.00	0.00	0.00
Uniform Del:	7.2	8.6	0.0	0.0	7.9	7.9	12.5	0.0	12.5	0.0	0.0	0.0
IncremntDel:	0.6	0.9	0.0	0.0	0.2	0.2	1.5	0.0	1.5	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Delay/Veh:	7.8	9.5	0.0	0.0	8.1	8.1	14.1	0.0	14.1	0.0	0.0	0.0
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:	7.8	9.5	0.0	0.0	8.1	8.1	14.1	0.0	14.1	0.0	0.0	0.0
LOS by Move:	A	A	A	A	A	A	B	A	B	A	A	A
HCM2kAvgQ:	1	7	0	0	5	5	5	0	5	0	0	0

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

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

Intersection #2955 River_S/Soquel

Cycle (sec):	85	Critical Vol./Cap.(X):	0.651
Loss Time (sec):	6	Average Delay (sec/veh):	18.6
Optimal Cycle:	36	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0 0	0	1 0	0 0	1	0 0	2 0	0	0 0	1 1	0
Volume Module:												
Base Vol:	0	0	0	382	0	161	0	429	0	0	422	112
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	0	0	382	0	161	0	429	0	0	422	112
Added Vol:	0	0	0	46	0	0	0	160	0	0	174	48
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	428	0	161	0	589	0	0	596	160
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	476	0	179	0	654	0	0	662	178
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	476	0	179	0	654	0	0	662	178
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:	0	0	0	476	0	179	0	654	0	0	662	178
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.75	1.00	0.67	1.00	0.82	1.00	1.00	0.81	0.81
Lanes:	0.00	0.00	0.00	1.00	0.00	1.00	0.00	2.00	0.00	0.00	1.58	0.42
Final Sat.:	0	0	0	1432	0	1266	0	3120	0	0	2430	652
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.33	0.00	0.14	0.00	0.21	0.00	0.00	0.27	0.27
Crit Moves:				****							****	
Green/Cycle:	0.00	0.00	0.00	0.51	0.00	0.51	0.00	0.42	0.00	0.00	0.42	0.42
Volume/Cap:	0.00	0.00	0.00	0.65	0.00	0.28	0.00	0.50	0.00	0.00	0.65	0.65
Uniform Del:	0.0	0.0	0.0	15.2	0.0	11.9	0.0	18.2	0.0	0.0	19.7	19.7
IncremntDel:	0.0	0.0	0.0	2.1	0.0	0.2	0.0	0.3	0.0	0.0	1.2	1.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	17.3	0.0	12.1	0.0	18.5	0.0	0.0	20.9	20.9
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:	0.0	0.0	0.0	17.3	0.0	12.1	0.0	18.5	0.0	0.0	20.9	20.9
LOS by Move:	A	A	A	B	A	B	A	B	A	A	C	C
HCM2kAvgQ:	0	0	0	10	0	3	0	7	0	0	9	9

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

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

Intersection #2956 Riverside-Dakota/Soquel

Cycle (sec):	100	Critical Vol./Cap.(X):	0.412
Loss Time (sec):	6	Average Delay (sec/veh):	7.7
Optimal Cycle:	23	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 1 0	0	1	0 1 0
Volume Module:PM												
Base Vol:	36	17	39	29	2	72	13	725	3	3	426	17
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:	36	17	39	29	2	72	13	725	3	3	426	17
Added Vol:	0	0	0	0	0	0	0	206	0	0	222	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	36	17	39	29	2	72	13	931	3	3	648	17
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	40	19	43	32	2	80	14	1034	3	3	720	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	40	19	43	32	2	80	14	1034	3	3	720	19
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:	40	19	43	32	2	80	14	1034	3	3	720	19
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.81	0.81	0.81	0.81	0.81	0.81	0.89	0.89	0.89	0.88	0.88	0.88
Lanes:	0.39	0.18	0.43	0.28	0.02	0.70	0.03	1.96	0.01	0.01	1.94	0.05
Final Sat.:	602	284	653	432	30	1072	46	3313	11	15	3254	85
Capacity Analysis Module:												
Vol/Sat:	0.07	0.07	0.07	0.07	0.07	0.07	0.31	0.31	0.31	0.22	0.22	0.22
Crit Moves:					****			****				
Green/Cycle:	0.18	0.18	0.18	0.18	0.18	0.18	0.76	0.76	0.76	0.76	0.76	0.76
Volume/Cap:	0.37	0.37	0.37	0.41	0.41	0.41	0.41	0.41	0.41	0.29	0.29	0.29
Uniform Del:	35.9	35.9	35.9	36.2	36.2	36.2	4.2	4.2	4.2	3.7	3.7	3.7
IncremntDel:	0.8	0.8	0.8	1.0	1.0	1.0	0.1	0.1	0.1	0.1	0.1	0.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	36.7	36.7	36.7	37.2	37.2	37.2	4.3	4.3	4.3	3.8	3.8	3.8
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:	36.7	36.7	36.7	37.2	37.2	37.2	4.3	4.3	4.3	3.8	3.8	3.8
LOS by Move:	D	D	D	D	D	D	A	A	A	A	A	A
HCM2kAvgQ:	3	3	3	3	3	3	6	6	6	4	4	4

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

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

Intersection #2957 Ocean_St/Soquel_Av

Cycle (sec):	110	Critical Vol./Cap.(X):	0.870
Loss Time (sec):	12	Average Delay (sec/veh):	48.4
Optimal Cycle:	101	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	301	469	227	304	382	236	236	413	108	110	244	43
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:	301	469	227	304	382	236	236	413	108	110	244	43
Added Vol:	13	324	45	41	188	30	22	162	15	61	157	36
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	314	793	272	345	570	266	258	575	123	171	401	79
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	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
PHF Volume:	338	853	292	371	613	286	277	618	132	184	431	85
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	338	853	292	371	613	286	277	618	132	184	431	85
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:	338	853	292	371	613	286	277	618	132	184	431	85
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.93	0.83	0.91	0.91	0.82	0.93	0.91	0.91	0.95	0.93	0.93
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.65	0.35	1.00	1.67	0.33
Final Sat.:	1769	3538	1583	1734	3467	1551	1769	2839	607	1804	2939	579
Capacity Analysis Module:												
Vol/Sat:	0.19	0.24	0.18	0.21	0.18	0.18	0.16	0.22	0.22	0.10	0.15	0.15
Crit Moves:		****		****				****		****		
Green/Cycle:	0.27	0.28	0.28	0.25	0.26	0.26	0.19	0.25	0.25	0.12	0.18	0.18
Volume/Cap:	0.72	0.87	0.67	0.87	0.69	0.72	0.83	0.87	0.87	0.87	0.83	0.83
Uniform Del:	36.6	37.9	35.3	39.8	36.9	37.2	42.8	39.5	39.5	47.7	43.6	43.6
IncremntDel:	5.3	8.5	3.9	17.2	2.3	6.2	15.3	9.5	9.5	29.8	8.8	8.8
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	41.9	46.3	39.1	57.0	39.1	43.4	58.1	49.0	49.0	77.5	52.4	52.4
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:	41.9	46.3	39.1	57.0	39.1	43.4	58.1	49.0	49.0	77.5	52.4	52.4
LOS by Move:	D	D	D	E	D	D	E	D	D	E	D	D
HCM2kAvgQ:	10	16	9	15	11	10	11	16	16	9	11	11

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

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

Intersection #2958 Branciforte/Soquel

Cycle (sec):	60	Critical Vol./Cap.(X):	1.011
Loss Time (sec):	9	Average Delay (sec/veh):	51.2
Optimal Cycle:	132	Level Of Service:	D

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	0	1	0	1	0	1	0
Volume Module:PM 1998												
Base Vol:	35	127	64	58	159	87	134	619	76	76	331	34
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:	35	127	64	58	159	87	134	619	76	76	331	34
Added Vol:	13	13	14	0	10	18	12	197	26	20	220	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	48	140	78	58	169	105	146	816	102	96	551	34
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:	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PHF Volume:	53	154	86	64	186	115	160	897	112	105	605	37
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	53	154	86	64	186	115	160	897	112	105	605	37
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:	53	154	86	64	186	115	160	897	112	105	605	37
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.63	0.63	0.63	0.77	0.77	0.67	0.82	0.82	0.82	0.83	0.83	0.83
Lanes:	0.18	0.53	0.29	0.26	0.74	1.00	0.27	1.54	0.19	0.28	1.62	0.10
Final Sat.:	215	626	349	373	1088	1266	428	2391	299	443	2540	157
Capacity Analysis Module:												
Vol/Sat:	0.25	0.25	0.25	0.17	0.17	0.09	0.38	0.38	0.38	0.24	0.24	0.24
Crit Moves:		****							****			****
Green/Cycle:	0.24	0.24	0.24	0.24	0.24	0.24	0.37	0.37	0.37	0.24	0.24	0.24
Volume/Cap:	1.01	1.01	1.01	0.70	0.70	0.37	1.01	1.01	1.01	1.01	1.01	1.01
Uniform Del:	22.7	22.7	22.7	20.7	20.7	18.9	18.9	18.9	18.9	22.9	22.9	22.9
IncremntDel:	55.7	55.7	55.7	6.2	6.2	0.8	29.1	29.1	29.1	35.7	35.7	35.7
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	78.4	78.4	78.4	26.9	26.9	19.7	48.0	48.0	48.0	58.7	58.7	58.7
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:	78.4	78.4	78.4	26.9	26.9	19.7	48.0	48.0	48.0	58.7	58.7	58.7
LOS by Move:	E	E	E	C	C	B	D	D	D	E	E	E
HCM2kAvgQ:	11	11	11	6	6	2	19	19	19	14	14	14

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

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

Intersection #2959 Seabright/Soquel

Cycle (sec):	80	Critical Vol./Cap.(X):	0.912
Loss Time (sec):	12	Average Delay (sec/veh):	39.6
Optimal Cycle:	102	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	0	0	1!	0	0	1	0	1	0	1	0	1	0
Volume Module:PM 1998												
Base Vol:	209	18	212	84	86	66	29	946	111	164	477	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:	209	18	212	84	86	66	29	946	111	164	477	0
Added Vol:	4	18	5	6	38	2	2	123	6	9	108	13
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	213	36	217	90	124	68	31	1069	117	173	585	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:	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PHF Volume:	224	38	228	95	131	72	33	1125	123	182	616	14
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	224	38	228	95	131	72	33	1125	123	182	616	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:	224	38	228	95	131	72	33	1125	123	182	616	14
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.94	0.94	0.83	0.93	0.93	0.93	0.93	0.92	0.92	0.93	0.93	0.93
Lanes:	0.86	0.14	1.00	0.32	0.44	0.24	1.00	1.80	0.20	1.00	1.96	0.04
Final Sat.:	1527	258	1583	565	779	427	1769	3141	344	1769	3451	77
Capacity Analysis Module:												
Vol/Sat:	0.15	0.15	0.14	0.17	0.17	0.17	0.02	0.36	0.36	0.10	0.18	0.18
Crit Moves:	****			****				****		****		
Green/Cycle:	0.16	0.16	0.16	0.18	0.18	0.18	0.05	0.39	0.39	0.11	0.46	0.46
Volume/Cap:	0.91	0.91	0.90	0.91	0.91	0.91	0.39	0.91	0.91	0.91	0.39	0.39
Uniform Del:	33.0	33.0	32.9	32.0	32.0	32.0	37.0	23.0	23.0	35.1	14.3	14.3
IncremntDel:	31.3	31.3	30.9	28.7	28.7	28.7	3.0	9.5	9.5	40.1	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	64.3	64.3	63.8	60.7	60.7	60.7	40.0	32.5	32.5	75.2	14.5	14.5
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:	64.3	64.3	63.8	60.7	60.7	60.7	40.0	32.5	32.5	75.2	14.5	14.5
LOS by Move:	E	E	E	E	E	E	D	C	C	E	B	B
HCM2kAvgQ:	10	10	9	11	11	11	1	20	20	8	5	5

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

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

Intersection #2960 San_Lorenzo_Blvd/Broadway(Laurel_St.)

Cycle (sec):	80	Critical Vol./Cap.(X):	0.797
Loss Time (sec):	6	Average Delay (sec/veh):	15.8
Optimal Cycle:	55	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ovl			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0 0	1	0	0 0	0 0	0	0 1	0 1	0	0 1	0 0
Volume Module:												
Base Vol:	370	0	33	0	0	0	0	575	426	0	461	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:	370	0	33	0	0	0	0	575	426	0	461	0
Added Vol:	98	0	0	0	0	0	0	186	68	0	164	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	468	0	33	0	0	0	0	761	494	0	625	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	509	0	36	0	0	0	0	827	537	0	679	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	509	0	36	0	0	0	0	827	537	0	679	0
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:	509	0	36	0	0	0	0	827	537	0	679	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.91	1.00	0.82	1.00	1.00	1.00	1.00	0.98	0.83	1.00	0.96	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00
Final Sat.:	1734	0	1551	0	0	0	0	1862	1583	0	1825	0
Capacity Analysis Module:												
Vol/Sat:	0.29	0.00	0.02	0.00	0.00	0.00	0.00	0.44	0.34	0.00	0.37	0.00
Crit Moves:	****							****				
Green/Cycle:	0.37	0.00	0.37	0.00	0.00	0.00	0.00	0.56	0.93	0.00	0.56	0.00
Volume/Cap:	0.80	0.00	0.06	0.00	0.00	0.00	0.00	0.80	0.37	0.00	0.67	0.00
Uniform Del:	22.6	0.0	16.4	0.0	0.0	0.0	0.0	14.1	0.3	0.0	12.5	0.0
IncremntDel:	7.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.2	0.0	1.7	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00
Delay/Veh:	29.6	0.0	16.4	0.0	0.0	0.0	0.0	18.5	0.5	0.0	14.2	0.0
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:	29.6	0.0	16.4	0.0	0.0	0.0	0.0	18.5	0.5	0.0	14.2	0.0
LOS by Move:	C	A	B	A	A	A	A	B	A	A	B	A
HCM2kAvgQ:	13	0	1	0	0	0	0	16	2	0	13	0

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

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

Intersection #2961 Ocean_St/Broadway

Cycle (sec):	120	Critical Vol./Cap.(X):	1.058
Loss Time (sec):	9	Average Delay (sec/veh):	67.0
Optimal Cycle:	200	Level Of Service:	E

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	1	0 1	0 1	0	1 0	1 0	0	1 0	1 0	0	1 0
Volume Module:PM 2001												
Base Vol:	6	240	78	142	588	168	152	354	38	92	334	67
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:	6	240	78	142	588	168	152	354	38	92	334	67
Added Vol:	5	273	8	52	105	107	78	103	9	9	63	31
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	11	513	86	194	693	275	230	457	47	101	397	98
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	12	558	93	211	753	299	250	497	51	110	432	107
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	558	93	211	753	299	250	497	51	110	432	107
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:	12	558	93	211	753	299	250	497	51	110	432	107
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.84	0.84	0.82	0.62	0.62	0.62	0.93	0.97	0.97	0.93	0.95	0.95
Lanes:	0.04	1.96	1.00	0.33	1.20	0.47	1.00	0.91	0.09	1.00	0.80	0.20
Final Sat.:	67	3119	1551	391	1395	554	1769	1665	171	1769	1449	358
Capacity Analysis Module:												
Vol/Sat:	0.18	0.18	0.06	0.54	0.54	0.54	0.14	0.30	0.30	0.06	0.30	0.30
Crit Moves:					****		****				****	
Green/Cycle:	0.51	0.51	0.51	0.51	0.51	0.51	0.13	0.34	0.34	0.07	0.28	0.28
Volume/Cap:	0.35	0.35	0.12	1.06	1.06	1.06	1.06	0.87	0.87	0.87	1.06	1.06
Uniform Del:	17.5	17.5	15.3	29.4	29.4	29.4	52.0	36.9	36.9	55.2	43.1	43.1
IncremntDel:	0.1	0.1	0.1	43.0	43.0	43.0	74.8	12.3	12.3	43.0	56.3	56.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	17.7	17.7	15.4	72.4	72.4	72.4	126.8	49.2	49.2	98.2	99.4	99.4
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:	17.7	17.7	15.4	72.4	72.4	72.4	126.8	49.2	49.2	98.2	99.4	99.4
LOS by Move:	B	B	B	E	E	E	F	D	D	F	F	F
HCM2kAvgQ:	6	6	2	31	31	31	15	22	22	6	28	28

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

Intersection #2962 S_Branciforte/Broadway

Cycle (sec):	60	Critical Vol./Cap.(X):	0.784
Loss Time (sec):	6	Average Delay (sec/veh):	14.1
Optimal Cycle:	49	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	0	1! 0	0	0	1! 0
Volume Module:												
Base Vol:	36	45	7	109	64	91	64	544	19	5	336	57
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:	36	45	7	109	64	91	64	544	19	5	336	57
Added Vol:	24	6	2	6	11	10	9	79	28	3	40	14
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	60	51	9	115	75	101	73	623	47	8	376	71
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	67	57	10	128	83	112	81	692	52	9	418	79
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	67	57	10	128	83	112	81	692	52	9	418	79
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:	67	57	10	128	83	112	81	692	52	9	418	79
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.71	0.71	0.71	0.78	0.78	0.78	0.89	0.89	0.89	0.95	0.95	0.95
Lanes:	0.50	0.43	0.07	0.39	0.26	0.35	0.10	0.84	0.06	0.02	0.83	0.15
Final Sat.:	677	575	101	588	384	517	166	1417	107	32	1488	281
Capacity Analysis Module:												
Vol/Sat:	0.10	0.10	0.10	0.22	0.22	0.22	0.49	0.49	0.49	0.28	0.28	0.28
Crit Moves:					****			****				
Green/Cycle:	0.28	0.28	0.28	0.28	0.28	0.28	0.62	0.62	0.62	0.62	0.62	0.62
Volume/Cap:	0.36	0.36	0.36	0.78	0.78	0.78	0.78	0.78	0.78	0.45	0.45	0.45
Uniform Del:	17.4	17.4	17.4	20.0	20.0	20.0	8.3	8.3	8.3	5.9	5.9	5.9
IncremntDel:	0.6	0.6	0.6	9.5	9.5	9.5	3.9	3.9	3.9	0.3	0.3	0.3
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	18.0	18.0	18.0	29.5	29.5	29.5	12.3	12.3	12.3	6.2	6.2	6.2
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:	18.0	18.0	18.0	29.5	29.5	29.5	12.3	12.3	12.3	6.2	6.2	6.2
LOS by Move:	B	B	B	C	C	C	B	B	B	A	A	A
HCM2kAvgQ:	2	2	2	8	8	8	13	13	13	5	5	5

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

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

Intersection #2963 Seabright/Broadway

Cycle (sec):	60	Critical Vol./Cap.(X):	0.837
Loss Time (sec):	6	Average Delay (sec/veh):	18.4
Optimal Cycle:	58	Level Of Service:	B

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	0	0	1! 0	0	1	0 0 1	0	0	1! 0 0
Volume Module:												
Base Vol:	115	224	41	10	235	78	141	349	190	40	168	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:	115	224	41	10	235	78	141	349	190	40	168	13
Added Vol:	30	11	7	0	19	13	14	32	25	4	14	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	145	235	48	10	254	91	155	381	215	44	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	161	261	53	11	282	101	172	423	239	49	202	14
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	161	261	53	11	282	101	172	423	239	49	202	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:	161	261	53	11	282	101	172	423	239	49	202	14
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.69	0.69	0.69	0.93	0.93	0.93	0.80	0.80	0.83	0.75	0.75	0.75
Lanes:	0.34	0.55	0.11	0.03	0.71	0.26	0.29	0.71	1.00	0.18	0.77	0.05
Final Sat.:	445	721	147	50	1268	454	440	1081	1583	263	1090	78
Capacity Analysis Module:												
Vol/Sat:	0.36	0.36	0.36	0.22	0.22	0.22	0.39	0.39	0.15	0.19	0.19	0.19
Crit Moves:		****						****				
Green/Cycle:	0.43	0.43	0.43	0.43	0.43	0.43	0.47	0.47	0.47	0.47	0.47	0.47
Volume/Cap:	0.84	0.84	0.84	0.51	0.51	0.51	0.84	0.84	0.32	0.40	0.40	0.40
Uniform Del:	15.1	15.1	15.1	12.4	12.4	12.4	14.0	14.0	10.0	10.4	10.4	10.4
IncremntDel:	10.6	10.6	10.6	0.6	0.6	0.6	8.6	8.6	0.3	0.4	0.4	0.4
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	25.7	25.7	25.7	13.0	13.0	13.0	22.6	22.6	10.3	10.8	10.8	10.8
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:	25.7	25.7	25.7	13.0	13.0	13.0	22.6	22.6	10.3	10.8	10.8	10.8
LOS by Move:	C	C	C	B	B	B	C	C	B	B	B	B
HCM2kAvgQ:	11	11	11	6	6	6	10	10	3	4	4	4

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

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-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
*******************************************************************************
Intersection #2964 Pacific-Center/W_Cliff-Pacific
*******************************************************************************
Cycle (sec):         100              Critical Vol./Cap.(X):         0.679
Loss Time (sec):       0              Average Delay (sec/veh):        14.9
Optimal Cycle:         0              Level Of Service:                B
*******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Ignore           Ignore           Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  1  0  0  1    0  1  0  0  1    0  0  1! 0  0    1  0  1  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:February 2002
Base Vol:       5   77   390    13  112    36     0    0     0   302   95    12
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:    5   77   390    13  112    36     0    0     0   302   95    12
Added Vol:      0   30    52     0   15     1     0    0     0    67   42     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    5  107   442    13  127    37     0    0     0   369  137    12
User Adj:    1.00 1.00  0.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     0.90 0.90  0.00  0.90 0.90  0.00  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:     6  119     0    14  141     0     0    0     0   410  152    13
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    6  119     0    14  141     0     0    0     0   410  152    13
PCE Adj:     1.00 1.00  0.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  0.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    6  119     0    14  141     0     0    0     0   410  152    13
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.04 0.96  1.00  0.09 0.91  1.00  0.00 1.00  0.00  1.00 1.00  1.00
Final Sat.:    24  518   605    51  495   611     0  553     0   603  655   749
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.23 0.23  0.00  0.28 0.28  0.00  xxxx 0.00  xxxx  0.68 0.23  0.02
Crit Moves:       ****             ****             ****        ****
Delay/Veh:   10.7 10.7   0.0  11.3 11.3   0.0   0.0  0.0   0.0  19.7  9.7   7.5
Delay 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
AdjDel/Veh:  10.7 10.7   0.0  11.3 11.3   0.0   0.0  0.0   0.0  19.7  9.7   7.5
LOS by Move:    B    B     *     B    B     *     *    *     *     C    A     A
ApproachDel:      10.7             11.3           xxxxxx            16.8
Delay Adj:        1.00             1.00            xxxxx            1.00
ApprAdjDel:       10.7             11.3           xxxxxx            16.8
LOS by Appr:         B                B                *               C
AllWayAvgQ:   0.3  0.3   0.0   0.4  0.4   0.0   0.0  0.0   0.0   1.9  0.3   0.0
*******************************************************************************
Note: Queue reported is the number of cars per lane.
*******************************************************************************
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------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
******************************************************************************
Intersection #2965 W_Cliff/Bay
******************************************************************************
Cycle (sec):           1               Critical Vol./Cap.(X):         0.804
Loss Time (sec):       0               Average Delay (sec/veh):        22.3
Optimal Cycle:         0               Level Of Service:                C
******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  1  0  0  0    0  0  1  0  1    1  0  0  0  1    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 5 May 2004 << 5:00 - 6:00 PM
Base Vol:      54  215     0     0  240   267   275    0    48     0    0     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:   54  215     0     0  240   267   275    0    48     0    0     0
Added Vol:      0   14     0     0   25    88    64    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   54  229     0     0  265   355   339    0    48     0    0     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:     0.88 0.88  0.88  0.88 0.88  0.88  0.88 0.88  0.88  0.88 0.88  0.88
PHF Volume:    61  260     0     0  301   403   385    0    55     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   61  260     0     0  301   403   385    0    55     0    0     0
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:   61  260     0     0  301   403   385    0    55     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.19 0.81  0.00  0.00 1.00  1.00  1.00 0.00  1.00  0.00 0.00  0.00
Final Sat.:   100  423     0     0  533   596   479    0   564     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.62 0.62  xxxx  xxxx 0.56  0.68  0.80 xxxx  0.10  xxxx xxxx  xxxx
Crit Moves:       ****                     ****  ****
Delay/Veh:   19.5 19.5   0.0   0.0 17.4  19.8  33.0  0.0   9.6   0.0  0.0   0.0
Delay 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
AdjDel/Veh:  19.5 19.5   0.0   0.0 17.4  19.8  33.0  0.0   9.6   0.0  0.0   0.0
LOS by Move:    C    C     *     *    C     C     D    *     A     *    *     *
ApproachDel:      19.5             18.8             30.1           xxxxxx
Delay Adj:        1.00             1.00             1.00            xxxxx
ApprAdjDel:       19.5             18.8             30.1           xxxxxx
LOS by Appr:         C                C                D                *
AllWayAvgQ:   1.4  1.4   1.4   0.0  1.2   1.8   3.0  0.0   0.1   0.0  0.0   0.0
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
```

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------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
******************************************************************************
Intersection #2966 Pacific/Beach
******************************************************************************
Cycle (sec):           1               Critical Vol./Cap.(X):         1.028
Loss Time (sec):       0               Average Delay (sec/veh):        36.2
Optimal Cycle:         0               Level Of Service:                E
******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  1  1  1  0    1  0  1  1  0    1  0  0  1  0    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 5 May 2004 << 4:30 - 5:30 PM
Base Vol:      21  103     1    25   69   141   429  241    24     0    0     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:   21  103     1    25   69   141   429  241    24     0    0     0
Added Vol:      0   15     0    37   22    73    70   10     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   21  118     1    62   91   214   499  251    24     0    0     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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:    23  131     1    69  101   238   554  279    27     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   23  131     1    69  101   238   554  279    27     0    0     0
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:   23  131     1    69  101   238   554  279    27     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.45 2.53  0.02  1.00 1.00  1.00  1.00 0.91  0.09  0.00 0.00  0.00
Final Sat.:   195 1117    10   451  482   533   539  533    51     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.12 0.12  0.12  0.15 0.21  0.45  1.03 0.52  0.52  xxxx xxxx  xxxx
Crit Moves:  ****                        ****  ****
Delay/Veh:   11.9 11.7  11.6  12.0 12.0  14.5  71.3 15.2  15.2   0.0  0.0   0.0
Delay 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
AdjDel/Veh:  11.9 11.7  11.6  12.0 12.0  14.5  71.3 15.2  15.2   0.0  0.0   0.0
LOS by Move:    B    B     B     B    B     B     F    C     C     *    *     *
ApproachDel:      11.7             13.5             51.3           xxxxxx
Delay Adj:        1.00             1.00             1.00            xxxxx
ApprAdjDel:       11.7             13.5             51.3           xxxxxx
LOS by Appr:         B                B                F                *
AllWayAvgQ:   0.1  0.1   0.1   0.2  0.3   0.8   9.3  1.0   1.0   0.0  0.0   0.0
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
********************************************************************************
Intersection #2967 Cliff/Beach
********************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         0.560
Loss Time (sec):       0               Average Delay (sec/veh):        13.4
Optimal Cycle:         0               Level Of Service:                  B
********************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  0  0  0    2  0  0  0  0    0  1  1  0  0    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:PM 1997
Base Vol:       0    0     0   160    0     0   192  280     0     0    0     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    0     0   160    0     0   192  280     0     0    0     0
Added Vol:      0    0     0    26    0     0    37  146     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     0   186    0     0   229  426     0     0    0     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:     0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90  0.90 0.90  0.90
PHF Volume:     0    0     0   207    0     0   254  473     0     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0    0     0   207    0     0   254  473     0     0    0     0
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:    0    0     0   207    0     0   254  473     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.00 0.00  0.00  2.00 0.00  0.00  0.70 1.30  0.00  0.00 0.00  0.00
Final Sat.:     0    0     0  1037    0     0   454  887     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     xxxx xxxx  xxxx  0.20 xxxx  xxxx  0.56 0.53  xxxx  xxxx xxxx  xxxx
Crit Moves:                    ****             ****
Delay/Veh:    0.0  0.0   0.0  10.9  0.0   0.0  14.8 13.6   0.0   0.0  0.0   0.0
Delay 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
AdjDel/Veh:   0.0  0.0   0.0  10.9  0.0   0.0  14.8 13.6   0.0   0.0  0.0   0.0
LOS by Move:    *    *     *     B    *     *     B    B     *     *    *     *
ApproachDel:    xxxxxx             10.9             14.1           xxxxxx
Delay Adj:       xxxxx             1.00             1.00            xxxxx
ApprAdjDel:     xxxxxx             10.9             14.1           xxxxxx
LOS by Appr:         *                B                B                *
AllWayAvgQ:   0.0  0.0   0.0   0.2  0.0   0.0   1.2  1.0   0.0   0.0  0.0   0.0
********************************************************************************
Note: Queue reported is the number of cars per lane.
********************************************************************************
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2968 Riverside/Beach

Cycle (sec):	60	Critical Vol./Cap.(X):	0.169
Loss Time (sec):	6	Average Delay (sec/veh):	7.3
Optimal Cycle:	17	Level Of Service:	A

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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	2	0	0	0	0	2	0	0	0
Volume Module:												
Base Vol:	0	0	0	40	0	0	0	167	0	0	0	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	0	0	40	0	0	0	167	0	0	0	0
Added Vol:	0	0	0	56	0	0	0	172	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	96	0	0	0	339	0	0	0	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	107	0	0	0	377	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	107	0	0	0	377	0	0	0	0
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:	0	0	0	107	0	0	0	377	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.62	1.00	1.00	1.00	0.93	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00
Final Sat.:	0	0	0	2355	0	0	0	3538	0	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00
Crit Moves:				****				****				
Green/Cycle:	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.63	0.00	0.00	0.00	0.00
Volume/Cap:	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00
Uniform Del:	0.0	0.0	0.0	16.8	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
IncremntDel:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	0.0	16.9	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
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:	0.0	0.0	0.0	16.9	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
LOS by Move:	A	A	A	B	A	A	A	A	A	A	A	A
HCM2kAvgQ:	0	0	0	1	0	0	0	2	0	0	0	0

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2969 Riverside/Second-Leibrandt

Cycle (sec):	100	Critical Vol./Cap.(X):	0.156
Loss Time (sec):	0	Average Delay (sec/veh):	7.8
Optimal Cycle:	0	Level Of Service:	A

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	0 0	0	0 1	1 0	1	0 0	0 0	1	0 1	0 0	0
Volume Module:												
Base Vol:	0	0	0	24	108	78	0	0	5	2	1	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	0	0	24	108	78	0	0	5	2	1	0
Added Vol:	0	0	0	23	56	39	0	0	0	0	7	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	47	164	117	0	0	5	2	8	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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	52	182	130	0	0	6	2	9	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	52	182	130	0	0	6	2	9	0
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:	0	0	0	52	182	130	0	0	6	2	9	0
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	0.45	1.55	1.00	0.00	0.00	1.00	0.20	0.80	0.00
Final Sat.:	0	0	0	334	1202	927	0	0	841	147	586	0
Capacity Analysis Module:												
Vol/Sat:	xxxx	xxxx	xxxx	0.16	0.15	0.14	xxxx	xxxx	0.01	0.02	0.02	xxxx
Crit Moves:				****					****	****		
Delay/Veh:	0.0	0.0	0.0	8.4	8.2	7.2	0.0	0.0	7.1	7.8	7.8	0.0
Delay 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
AdjDel/Veh:	0.0	0.0	0.0	8.4	8.2	7.2	0.0	0.0	7.1	7.8	7.8	0.0
LOS by Move:	*	*	*	A	A	A	*	*	A	A	A	*
ApproachDel:	xxxxxx			7.9			7.1			7.8		
Delay Adj:	xxxxx			1.00			1.00			1.00		
ApprAdjDel:	xxxxxx			7.9			7.1			7.8		
LOS by Appr:	*			A			A			A		
AllWayAvgQ:	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Intersection #2970 Riverside/3rd_St

Cycle (sec):	95	Critical Vol./Cap.(X):	0.945
Loss Time (sec):	9	Average Delay (sec/veh):	47.3
Optimal Cycle:	129	Level Of Service:	D

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			Split Phase			Split Phase		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	0	0	0	1	1	0	1	0	0	0	1	0	1	1
Volume Module:PM 1998												
Base Vol:	0	0	0	0	557	231	410	0	174	123	20	573
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	0	0	0	557	231	410	0	174	123	20	573
Added Vol:	0	0	0	0	74	32	19	0	3	0	3	226
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	631	263	429	0	177	123	23	799
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:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	0	0	0	701	292	477	0	197	137	26	888
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	701	292	477	0	197	137	26	888
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:	0	0	0	0	701	292	477	0	197	137	26	888
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	1.00	0.89	0.89	0.94	1.00	0.84	0.79	0.79	0.79
Lanes:	0.00	0.00	0.00	0.00	1.41	0.59	1.00	0.00	1.00	0.84	0.16	2.00
Final Sat.:	0	0	0	0	2387	995	1787	0	1599	1267	237	3009
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.00	0.29	0.29	0.27	0.00	0.12	0.11	0.11	0.30
Crit Moves:					****		****					****
Green/Cycle:	0.00	0.00	0.00	0.00	0.31	0.31	0.28	0.00	0.28	0.31	0.31	0.31
Volume/Cap:	0.00	0.00	0.00	0.00	0.95	0.95	0.95	0.00	0.44	0.35	0.35	0.95
Uniform Del:	0.0	0.0	0.0	0.0	31.9	31.9	33.4	0.0	27.9	25.2	25.2	31.9
IncremntDel:	0.0	0.0	0.0	0.0	16.2	16.2	26.9	0.0	0.7	0.1	0.1	15.6
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	0.0	48.2	48.2	60.2	0.0	28.6	25.3	25.3	47.5
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:	0.0	0.0	0.0	0.0	48.2	48.2	60.2	0.0	28.6	25.3	25.3	47.5
LOS by Move:	A	A	A	A	D	D	E	A	C	C	C	D
HCM2kAvgQ:	0	0	0	0	16	16	18	0	5	4	4	18

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

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

Intersection #2971 Riverside/San_Lorenzo_Blvd

Cycle (sec):	95	Critical Vol./Cap.(X):	0.868
Loss Time (sec):	12	Average Delay (sec/veh):	35.0
Optimal Cycle:	94	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Split Phase			Split Phase		
Rights:	Ovl			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	1! 0	1	0	1	0	0	1	1	0	1	1	0	0	0
Volume Module:												
Base Vol:	57	0	434	30	135	44	0	417	9	196	329	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:	57	0	434	30	135	44	0	417	9	196	329	0
Added Vol:	2	0	243	1	50	10	0	57	11	45	86	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	59	0	677	31	185	54	0	474	20	241	415	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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	64	0	736	34	201	59	0	515	22	262	451	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	64	0	736	34	201	59	0	515	22	262	451	0
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:	64	0	736	34	201	59	0	515	22	262	451	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.85	1.00	0.85	0.89	0.89	0.89	1.00	0.92	0.92	0.95	0.95	1.00
Lanes:	0.15	0.00	1.85	0.23	1.37	0.40	0.00	1.92	0.08	1.00	1.00	0.00
Final Sat.:	240	0	2990	388	2314	675	0	3340	141	1810	1810	0
Capacity Analysis Module:												
Vol/Sat:	0.27	0.00	0.25	0.09	0.09	0.09	0.00	0.15	0.15	0.14	0.25	0.00
Crit Moves:	****			****			****			****		
Green/Cycle:	0.31	0.00	0.60	0.10	0.10	0.10	0.00	0.18	0.18	0.29	0.29	0.00
Volume/Cap:	0.87	0.00	0.41	0.87	0.87	0.87	0.00	0.87	0.87	0.50	0.87	0.00
Uniform Del:	31.0	0.0	10.3	42.1	42.1	42.1	0.0	38.0	38.0	28.2	32.1	0.0
IncremntDel:	8.8	0.0	0.1	20.4	20.4	20.4	0.0	12.4	12.4	0.3	9.7	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	39.8	0.0	10.4	62.6	62.6	62.6	0.0	50.4	50.4	28.5	41.9	0.0
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:	39.8	0.0	10.4	62.6	62.6	62.6	0.0	50.4	50.4	28.5	41.9	0.0
LOS by Move:	D	A	B	E	E	E	A	D	D	C	D	A
HCM2kAvgQ:	13	0	6	7	7	7	0	11	11	6	12	0

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

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

Intersection #2972 Ocean_St/E_Cliff_Dr

Cycle (sec):	95	Critical Vol./Cap.(X):	1.153
Loss Time (sec):	9	Average Delay (sec/veh):	110.1
Optimal Cycle:	200	Level Of Service:	F

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:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0 0	0	0 0	1! 0	0	2 0	1 0	0	0 0	1 0	1
Volume Module: 4:30 - 5:30 PM												
Base Vol:	0	0	0	567	0	55	280	780	0	0	489	119
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	0	0	567	0	55	280	780	0	0	489	119
Added Vol:	0	0	0	24	0	32	236	65	0	0	99	31
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	591	0	87	516	845	0	0	588	150
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:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	0	0	0	642	0	95	561	918	0	0	639	163
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	642	0	95	561	918	0	0	639	163
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:	0	0	0	642	0	95	561	918	0	0	639	163
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	1.00	1.00	1.00	0.71	1.00	0.71	0.90	0.98	1.00	1.00	1.00	0.81
Lanes:	0.00	0.00	0.00	0.87	0.00	0.13	2.00	1.00	0.00	0.00	1.00	1.00
Final Sat.:	0	0	0	1182	0	174	3432	1862	0	0	1900	1544
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.54	0.00	0.54	0.16	0.49	0.00	0.00	0.34	0.11
Crit Moves:				****			****				****	
Green/Cycle:	0.00	0.00	0.00	0.47	0.00	0.47	0.14	0.43	0.00	0.00	0.29	0.29
Volume/Cap:	0.00	0.00	0.00	1.15	0.00	1.15	1.15	1.14	0.00	0.00	1.15	0.36
Uniform Del:	0.0	0.0	0.0	25.1	0.0	25.1	40.8	26.9	0.0	0.0	33.6	26.6
IncremntDel:	0.0	0.0	0.0	85.7	0.0	85.7	90.0	76.7	0.0	0.0	87.8	0.5
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Delay/Veh:	0.0	0.0	0.0	110.8	0.0	110.8	130.7	104	0.0	0.0	121	27.1
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:	0.0	0.0	0.0	110.8	0.0	110.8	130.7	104	0.0	0.0	121	27.1
LOS by Move:	A	A	A	F	A	F	F	F	A	A	F	C
HCM2kAvgQ:	0	0	0	37	0	37	13	40	0	0	33	4

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

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

Intersection #2973 Seabright/Murray

Cycle (sec):	100	Critical Vol./Cap.(X):	0.997
Loss Time (sec):	12	Average Delay (sec/veh):	59.8
Optimal Cycle:	186	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Ignore			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0	1 0	1 0	0	1 0	1 0	1	0 1	1 0	0	1 0
Volume Module:PM 1998												
Base Vol:	49	101	80	68	321	46	70	542	48	95	621	52
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:	49	101	80	68	321	46	70	542	48	95	621	52
Added Vol:	4	0	0	35	0	43	18	70	2	0	86	22
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	101	80	103	321	89	88	612	50	95	707	74
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.00	0.92	0.92	0.92
PHF Volume:	58	110	87	112	349	97	96	665	0	103	768	80
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	110	87	112	349	97	96	665	0	103	768	80
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	58	110	87	112	349	97	96	665	0	103	768	80
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.92	0.92	0.93	0.95	0.95	0.93	0.98	1.00	0.93	0.97	0.97
Lanes:	1.00	0.56	0.44	1.00	0.78	0.22	1.00	1.00	1.00	1.00	0.91	0.09
Final Sat.:	1769	970	769	1769	1410	391	1769	1862	1900	1769	1662	174
Capacity Analysis Module:												
Vol/Sat:	0.03	0.11	0.11	0.06	0.25	0.25	0.05	0.36	0.00	0.06	0.46	0.46
Crit Moves:		****			****		****				****	
Green/Cycle:	0.11	0.11	0.11	0.25	0.25	0.25	0.05	0.45	0.00	0.07	0.46	0.46
Volume/Cap:	0.29	1.00	1.00	0.25	1.00	1.00	1.00	0.80	0.00	0.80	1.00	1.00
Uniform Del:	40.6	44.3	44.3	30.2	37.5	37.5	47.3	23.9	0.0	45.7	26.7	26.7
IncremntDel:	0.8	63.0	63.0	0.3	41.6	41.6	90.7	5.7	0.0	29.2	30.0	30.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Delay/Veh:	41.4	107	107.4	30.5	79.2	79.2	138.0	29.6	0.0	74.8	56.7	56.7
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:	41.4	107	107.4	30.5	79.2	79.2	138.0	29.6	0.0	74.8	56.7	56.7
LOS by Move:	D	F	F	C	E	E	F	C	A	E	E	E
HCM2kAvgQ:	2	10	10	3	20	20	6	19	0	5	34	34

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

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Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #2974 Swift/Delaware

Cycle (sec):	1	Critical Vol./Cap.(X):	2.180
Loss Time (sec):	0	Average Delay (sec/veh):	226.7
Optimal Cycle:	0	Level Of Service:	F

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			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:4:30 - 5:30 PM												
Base Vol:	5	110	18	49	125	62	115	125	12	19	50	31
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:	5	110	18	49	125	62	115	125	12	19	50	31
Added Vol:	0	38	16	5	66	109	255	273	0	34	177	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	148	34	54	191	171	370	398	12	53	227	34
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:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PHF Volume:	6	169	39	62	218	195	423	455	14	61	259	39
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	6	169	39	62	218	195	423	455	14	61	259	39
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:	6	169	39	62	218	195	423	455	14	61	259	39
Saturation Flow Module:												
Adjustment:	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Lanes:	0.03	0.79	0.18	0.13	0.46	0.41	0.47	0.51	0.02	0.17	0.72	0.11
Final Sat.:	10	283	65	55	194	174	194	209	6	66	283	42
Capacity Analysis Module:												
Vol/Sat:	0.60	0.60	0.60	1.12	1.12	1.12	2.18	2.18	2.18	0.92	0.92	0.92
Crit Moves:	****			****				****		****		
Delay/Veh:	20.1	20.1	20.1	65.1	65.1	65.1	439.5	439	439.5	35.4	35.4	35.4
Delay 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
AdjDel/Veh:	20.1	20.1	20.1	65.1	65.1	65.1	439.5	439	439.5	35.4	35.4	35.4
LOS by Move:	C	C	C	F	F	F	F	F	F	E	E	E
ApproachDel:	20.1			65.1			439.5			35.4		
Delay Adj:	1.00			1.00			1.00			1.00		
ApprAdjDel:	20.1			65.1			439.5			35.4		
LOS by Appr:	C			F			F			E		
AllWayAvgQ:	1.0	1.0	1.0	7.3	7.3	7.3	55.3	55.3	55.3	3.0	3.0	3.0

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

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

Intersection #2975 Seventh/Soquel

Cycle (sec):	90	Critical Vol./Cap.(X):	0.814
Loss Time (sec):	9	Average Delay (sec/veh):	26.4
Optimal Cycle:	69	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1	0	0	0	1	0	0	0	0	0	0	1	1	0	1	0	2	0	0
Volume Module: >> Count Date: 17 Dec 2009 << 4:15-5:15 pm												
Base Vol:	66	0	302	0	0	0	0	950	52	346	786	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:	66	0	302	0	0	0	0	950	52	346	786	0
Added Vol:	4	0	51	0	0	0	0	45	2	26	26	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	70	0	353	0	0	0	0	995	54	372	812	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:	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 Volume:	70	0	353	0	0	0	0	995	54	372	812	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	70	0	353	0	0	0	0	995	54	372	812	0
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:	70	0	353	0	0	0	0	995	54	372	812	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	1.00	0.83	1.00	1.00	1.00	1.00	0.92	0.92	0.93	0.93	1.00
Lanes:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.90	0.10	1.00	2.00	0.00
Final Sat.:	1769	0	1583	0	0	0	0	3329	181	1769	3538	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.00	0.22	0.00	0.00	0.00	0.00	0.30	0.30	0.21	0.23	0.00
Crit Moves:			****					****		****		
Green/Cycle:	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.37	0.37	0.26	0.63	0.00
Volume/Cap:	0.14	0.00	0.81	0.00	0.00	0.00	0.00	0.81	0.81	0.81	0.37	0.00
Uniform Del:	24.7	0.0	30.5	0.0	0.0	0.0	0.0	25.7	25.7	31.3	8.2	0.0
IncremntDel:	0.1	0.0	11.2	0.0	0.0	0.0	0.0	4.1	4.1	10.7	0.1	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00
Delay/Veh:	24.8	0.0	41.7	0.0	0.0	0.0	0.0	29.8	29.8	42.0	8.3	0.0
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:	24.8	0.0	41.7	0.0	0.0	0.0	0.0	29.8	29.8	42.0	8.3	0.0
LOS by Move:	C	A	D	A	A	A	A	C	C	D	A	A
HCM2kAvgQ:	1	0	12	0	0	0	0	16	16	12	6	0

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

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

Intersection #2976 Seventh/Capitola

Cycle (sec):	90	Critical Vol./Cap.(X):	0.704
Loss Time (sec):	12	Average Delay (sec/veh):	27.8
Optimal Cycle:	58	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	1	1 0	0 1	0	1 0	2 0	1	1 0	1 1	0
Volume Module: >> Count Date: 17 Dec 2009 << 4:15-5:15 pm												
Base Vol:	231	171	62	96	201	33	32	766	280	90	487	92
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:	231	171	62	96	201	33	32	766	280	90	487	92
Added Vol:	29	40	2	5	26	0	0	177	63	2	92	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	260	211	64	101	227	33	32	943	343	92	579	95
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:	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 Volume:	260	211	64	101	227	33	32	943	343	92	579	95
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	260	211	64	101	227	33	32	943	343	92	579	95
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:	260	211	64	101	227	33	32	943	343	92	579	95
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.82	0.94	0.97	0.97	0.92	0.92	0.82	0.94	0.92	0.92
Lanes:	1.00	1.00	1.00	1.00	0.87	0.13	1.00	2.00	1.00	1.00	1.72	0.28
Final Sat.:	1751	1843	1567	1787	1611	234	1751	3502	1567	1787	3005	493
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.04	0.06	0.14	0.14	0.02	0.27	0.22	0.05	0.19	0.19
Crit Moves:	****			****			****			****		
Green/Cycle:	0.21	0.28	0.28	0.14	0.20	0.20	0.04	0.38	0.38	0.07	0.42	0.42
Volume/Cap:	0.70	0.42	0.15	0.42	0.70	0.70	0.46	0.70	0.57	0.70	0.46	0.46
Uniform Del:	32.9	26.7	24.6	35.6	33.5	33.5	42.3	23.5	22.0	40.8	19.0	19.0
IncremntDel:	6.0	0.6	0.2	1.2	6.0	6.0	4.8	1.7	1.3	16.0	0.2	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	39.0	27.3	24.8	36.8	39.6	39.6	47.1	25.2	23.3	56.7	19.2	19.2
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:	39.0	27.3	24.8	36.8	39.6	39.6	47.1	25.2	23.3	56.7	19.2	19.2
LOS by Move:	D	C	C	D	D	D	D	C	C	E	B	B
HCM2kAvgQ:	8	5	1	3	8	8	2	13	8	3	7	7

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

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------------------------------------------------------------------------------
------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
******************************************************************************
Intersection #2977 Seventh/Brommer
******************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         0.909
Loss Time (sec):       0               Average Delay (sec/veh):        31.1
Optimal Cycle:         0               Level Of Service:                 D
******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  1! 0  0    0  0  1! 0  0    0  0  1! 0  0    0  1  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 17 Dec 2009 <<
Base Vol:      12  249   208   159  277     7    10    7    17   189    5    85
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:   12  249   208   159  277     7    10    7    17   189    5    85
Added Vol:      0   37    16    63   22     7    12    5     0     9    3    22
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   12  286   224   222  299    14    22   12    17   198    8   107
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:     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 Volume:    12  286   224   222  299    14    22   12    17   198    8   107
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   12  286   224   222  299    14    22   12    17   198    8   107
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:   12  286   224   222  299    14    22   12    17   198    8   107
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.02 0.55  0.43  0.41 0.56  0.03  0.43 0.24  0.33  0.96 0.04  1.00
Final Sat.:    14  335   262   244  329    15   185  101   143   422   17   513
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.85 0.85  0.85  0.91 0.91  0.91  0.12 0.12  0.12  0.47 0.47  0.21
Crit Moves:       ****        ****                     ****       ****
Delay/Veh:   32.3 32.3  32.3  41.4 41.4  41.4  11.6 11.6  11.6  16.8 16.8  11.0
Delay 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
AdjDel/Veh:  32.3 32.3  32.3  41.4 41.4  41.4  11.6 11.6  11.6  16.8 16.8  11.0
LOS by Move:    D    D     D     E    E     E     B    B     B     C    C     B
ApproachDel:       32.3             41.4             11.6             14.8
Delay Adj:         1.00             1.00             1.00             1.00
ApprAdjDel:        32.3             41.4             11.6             14.8
LOS by Appr:          D                E                B                B
AllWayAvgQ:   4.0  4.0   4.0   5.3  5.3   5.3   0.1  0.1   0.1   0.8  0.8   0.2
******************************************************************************
Note: Queue reported is the number of cars per lane.
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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #2978 Seventh/Eaton

Cycle (sec):	90	Critical Vol./Cap.(X):	0.899
Loss Time (sec):	9	Average Delay (sec/veh):	42.0
Optimal Cycle:	97	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0 1	0	0 1	0 0	1	0 1	0 0	1	0 0	1! 0	0
Volume Module: >> Count Date: 17 Dec 2009 << 4:30-5:30 pm												
Base Vol:	404	128	4	25	119	313	364	7	528	2	13	12
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:	404	128	4	25	119	313	364	7	528	2	13	12
Added Vol:	31	22	0	5	15	23	28	19	27	0	35	10
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	435	150	4	30	134	336	392	26	555	2	48	22
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:	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 Volume:	435	150	4	30	134	336	392	26	555	2	48	22
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	435	150	4	30	134	336	392	26	555	2	48	22
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:	435	150	4	30	134	336	392	26	555	2	48	22
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.98	0.98	0.97	0.97	0.83	0.68	0.68	0.83	0.93	0.93	0.93
Lanes:	1.00	0.97	0.03	0.18	0.82	1.00	0.94	0.06	1.00	0.03	0.67	0.30
Final Sat.:	1769	1806	48	338	1508	1583	1207	80	1583	49	1181	541
Capacity Analysis Module:												
Vol/Sat:	0.25	0.08	0.08	0.09	0.09	0.21	0.32	0.32	0.35	0.04	0.04	0.04
Crit Moves:	****					****			****			
Green/Cycle:	0.27	0.27	0.27	0.24	0.24	0.24	0.39	0.39	0.39	0.39	0.39	0.39
Volume/Cap:	0.90	0.30	0.30	0.38	0.38	0.90	0.83	0.83	0.90	0.10	0.10	0.10
Uniform Del:	31.5	25.9	25.9	28.8	28.8	33.3	24.8	24.8	25.8	17.4	17.4	17.4
IncremntDel:	19.4	0.3	0.3	0.5	0.5	23.6	11.4	11.4	16.0	0.1	0.1	0.1
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay 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
Delay/Veh:	50.9	26.2	26.2	29.4	29.4	56.9	36.1	36.1	41.8	17.5	17.5	17.5
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:	50.9	26.2	26.2	29.4	29.4	56.9	36.1	36.1	41.8	17.5	17.5	17.5
LOS by Move:	D	C	C	C	C	E	D	D	D	B	B	B
HCM2kAvgQ:	15	3	3	4	4	13	13	13	18	1	1	1

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

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------------------------------------------------------------------------------
                     Level Of Service Computation Report
            2000 HCM 4-Way Stop Method (Future Volume Alternative)
******************************************************************************
Intersection #2979 Seventh/E_Cliff
******************************************************************************
Cycle (sec):         100               Critical Vol./Cap.(X):         0.709
Loss Time (sec):       0               Average Delay (sec/veh):        16.8
Optimal Cycle:         0               Level Of Service:                C
******************************************************************************
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        Stop Sign        Stop Sign
Rights:           Ignore           Include          Include          Ignore
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        0  0  0  1  0    1  0  1  0  0    0  0  0  0  0    1  0  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 17 Dec 2009 <<
Base Vol:       0  103   201   468   20     0     0    0     0    26    0   465
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  103   201   468   20     0     0    0     0    26    0   465
Added Vol:      0   14     2    20    4     0     0    0     0     3    0    13
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  117   203   488   24     0     0    0     0    29    0   478
User Adj:    1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Volume:     0  117     0   488   24     0     0    0     0    29    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0  117     0   488   24     0     0    0     0    29    0     0
PCE Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
MLF Adj:     1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00
FinalVolume:    0  117     0   488   24     0     0    0     0    29    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       0.00 1.00  0.00  1.00 1.00  0.00  0.00 0.00  0.00  1.00 0.00  1.00
Final Sat.:     0  709     0   689  760     0     0    0     0   511    0   614
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     xxxx 0.16  xxxx  0.71 0.03  xxxx  xxxx xxxx  xxxx  0.06 xxxx  0.00
Crit Moves:       ****        ****                               ****
Delay/Veh:    0.0  9.0   0.0  19.5  7.6   0.0   0.0  0.0   0.0   9.6  0.0   0.0
Delay 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
AdjDel/Veh:   0.0  9.0   0.0  19.5  7.6   0.0   0.0  0.0   0.0   9.6  0.0   0.0
LOS by Move:    *    A     *     C    A     *     *    *     *     A    *     *
ApproachDel:       9.0             18.9           xxxxxx              9.6
Delay Adj:         1.00            1.00            xxxxx              1.00
ApprAdjDel:        9.0             18.9           xxxxxx              9.6
LOS by Appr:         A               C                *                 A
AllWayAvgQ:   0.2  0.2   0.2   2.2  0.0   0.0   0.0  0.0   0.0   0.1  0.0   0.0
******************************************************************************
Note: Queue reported is the number of cars per lane.
******************************************************************************
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APPENDIX F-6