



Memorandum

TO: Jennifer Piozet

FROM: Joe Dyke
Public Works

SUBJECT: SEE BELOW

DATE: 04/27/17

Approved

Date

04/26/2017

SUBJECT: 1036 North 4th Street
PW NO. 3-22009 (SP16-034)

We have completed the in-house traffic analysis for the subject project. The project is proposing the demolition of an existing 6,565-square foot motel, the removal of three ordinance-size trees, and the construction of a new 30,612-square foot hotel. The project is located at the east side of N. 4th Street, approximately 320 feet northerly of E. Younger Avenue.

ACCESS

Vehicular access to the site will be provided via one 20-foot full-access southerly driveway and one 12-foot egress only northerly driveway on N. 4th Street.

ANALYSIS

This project generates a net 31 PM Peak Hour Trips (PHT). The results of the analysis indicate that project traffic will not have a significant impact on the study intersection. Therefore, the proposed project meets the City's LOS Policy.

Intersection	Peak Hour	Existing LOS	Background LOS	Project LOS
Interstate 880 and First Street	PM	B 14.8s	C+ 20.4s	C+ 20.8s
Commercial Street and N Fourth Street	PM	B 15.0s	B 15.6s	B 15.6s
N Fourth Street and E Younger Ave	PM	A 5.5s	A 5.5s	A 5.7s

Planning and Building

04/27/17

Subject: Traffic Analysis for 3-22009 (SP16-034)

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RECOMMENDATION

We conclude that the subject project will be in conformance with the City of San Jose Transportation Level of Service Policy (Council Policy 5-3). Therefore, a determination for a negative declaration can be made with respect to traffic impacts.

Please contact Ramandeep Bassi at ramandeep.bassi@sanjoseca.gov or 408 975-3714 or me at joseph.dyke@sanjoseca.gov or 408 535-6821 if you have any questions. You may also reach the Senior Engineer overseeing the project, Norman Mascarinas, at norman.mascarinas@sanjoseca.gov or (408) 535-6812



Joe Dyke
Project Engineer
Development Services Division

NM:jd:rb
28105120.DOC

Land Use	Size	Daily Rate	Daily Trips	AM Peak Hour		PM Peak Hour	
				Pk-Hr Rate	Total	Pk-Hr Rate	Total
Proposed Uses							
Hotel*	60 units	8.17	490	0.53	32	0.6	36
	Gross Project Trips:		490		32		36
Existing Use							
Motel**	10 units	5.63	56	0.45	5	0.47	5
	Net New Trips:		434		27		31

*Based on Land Use 310 (Hotel) rates in ITE Trip Generation Manual, 9th Edition

**Based on Land Use 320 (Motel) rates in ITE Trip Generation Manual, 9th Edition



Department of Public Works
Development Services

Project 1036 N. 4th Street

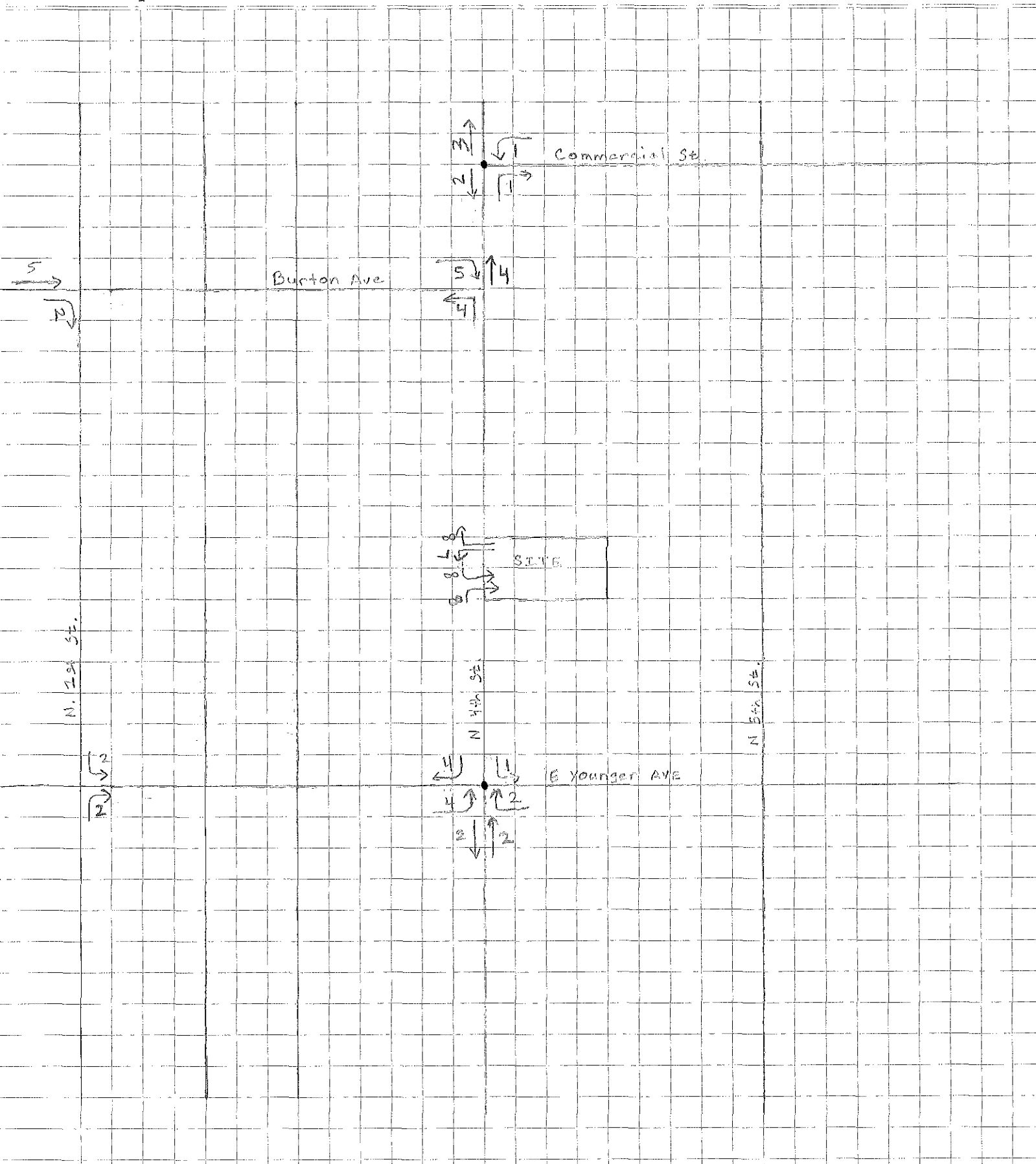
PW Project ID 3-22009

Date 7/29/16

Prepared By RB

Checked By _____

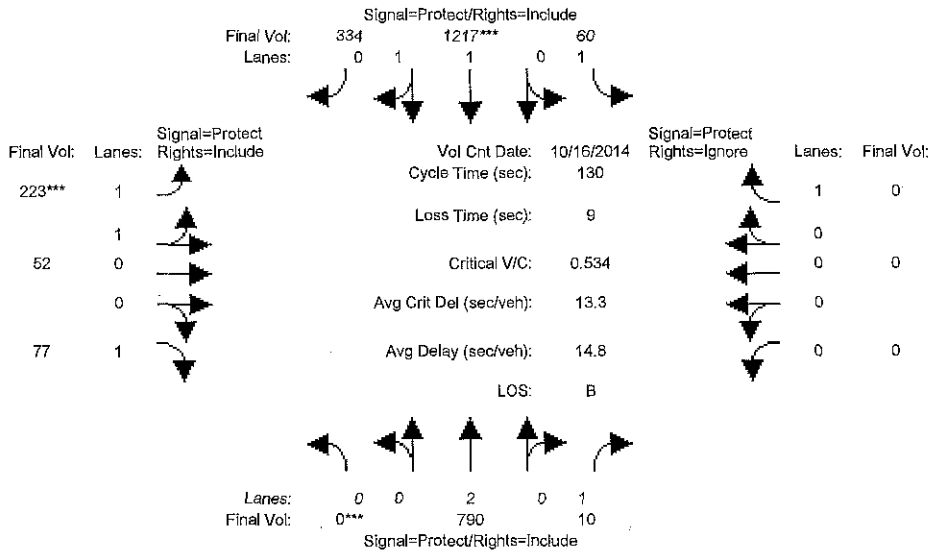
Sheet 1 of 1



City of San Jose
Citywide Traffic Database
(updated July 2, 2014)

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

Intersection #3055: 880/FIRST (S)



Approach:	North Bound			South Bound			East Bound			West Bound		
	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	10	10	10	10	0	0	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

Volume Module:	>>	Count	Date:	16 Oct 2014	<<	7:50-8:50AM						
Base Vol:	0	790	10	60	1217	334	223	52	77	0	0	150
Growth Adj:	1.00	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	790	10	60	1217	334	223	52	77	0	0	150
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	790	10	60	1217	334	223	52	77	0	0	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	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	790	10	60	1217	334	223	52	77	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	790	10	60	1217	334	223	52	77	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	0.00
MLF 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
Final Volume:	0	790	10	60	1217	334	223	52	77	0	0	0

Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.93	0.95	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	1.00	1.56	0.44	1.63	0.37	1.00	0.00	0.00	1.00
Final Sat.:	0	3800	1750	1750	2903	797	2879	671	1750	0	0	1750

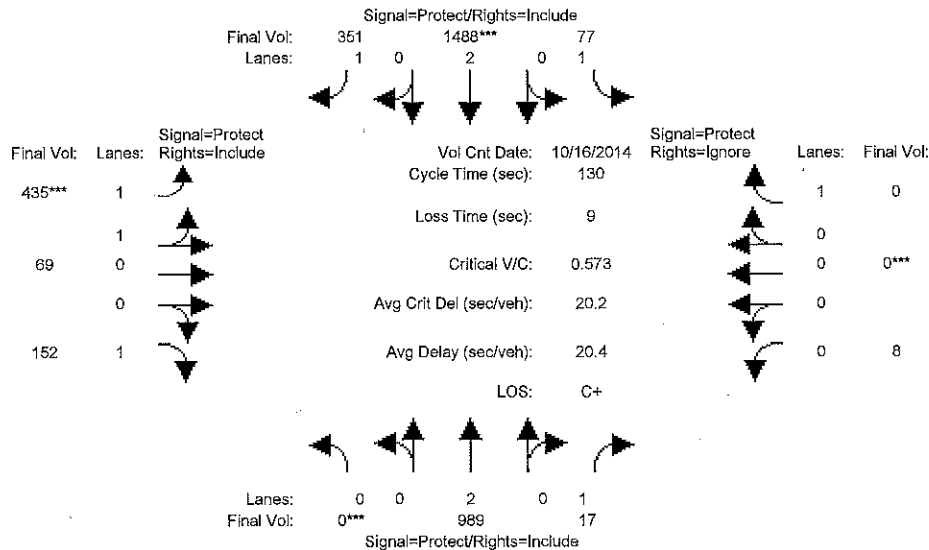
Capacity Analysis Module:												
Vol/Sat:	0.00	0.21	0.01	0.03	0.42	0.42	0.08	0.08	0.04	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	0.0	81.1	81.1	21.0	102	102.1	18.9	18.9	18.9	0.0	0.0	0.0
Volume/Cap:	0.00	0.33	0.01	0.21	0.53	0.53	0.53	0.53	0.30	0.00	0.00	0.00
Delay/Veh:	0.0	12.0	9.3	49.0	5.9	5.9	55.4	55.4	52.7	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:	0.0	12.0	9.3	49.0	5.9	5.9	55.4	55.4	52.7	0.0	0.0	0.0
LOS by Move:	A	B+	A	D	A	A	E+	E+	D-	A	A	A
HCM2kAvgQ:	0	7	0	2	12	12	6	6	3	0	0	0

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

City of San Jose
Citywide Traffic Database
(updated July 2, 2014)

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

Intersection #3055: 880/FIRST (S)



Approach:	North Bound			South Bound			East Bound			West Bound		
	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	10	10	10	10	0	0	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

Volume Module:	>>	Count	Date:	16 Oct 2014	<<	7:50-8:50AM						
Base Vol:	0	790	10	60	1217	334	223	52	77	0	0	150
Growth Adj:	1.00	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	790	10	60	1217	334	223	52	77	0	0	150
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	199	7	17	271	17	212	17	75	8	0	23
Initial Fut:	0	989	17	77	1488	351	435	69	152	8	0	173
User 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
PHF 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
PHF Volume:	0	989	17	77	1488	351	435	69	152	8	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	989	17	77	1488	351	435	69	152	8	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	0.00
MLF 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
Final Volume:	0	989	17	77	1488	351	435	69	152	8	0	0

Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.93	0.95	0.92	0.92	0.92	0.92
Lanes:	0.00	2.00	1.00	1.00	2.00	1.00	1.73	0.27	1.00	1.00	0.00	0.00
Final Sat.:	0	3800	1750	1750	3800	1750	3064	486	1750	1750	0	0

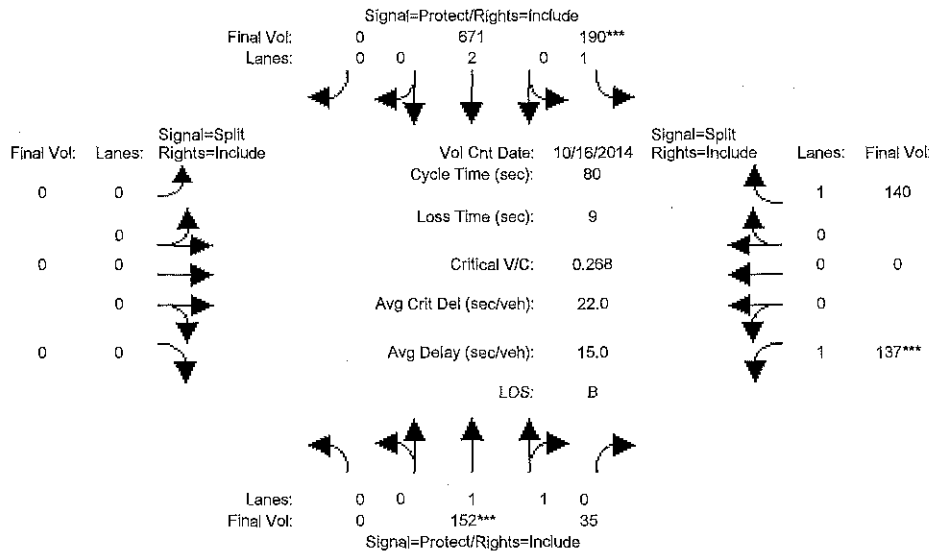
Capacity Analysis Module:												
Vol/Sat:	0.00	0.26	0.01	0.04	0.39	0.20	0.14	0.14	0.09	0.00	0.00	0.00
Crit Moves:	****				****		****			****		
Green Time:	0.0	73.6	73.6	15.2	88.8	88.8	32.2	31.2	31.2	1.0	0.0	0.0
Volume/Cap:	0.00	0.46	0.02	0.38	0.57	0.29	0.57	0.59	0.36	0.59	0.00	0.00
Delay/Veh:	0.0	17.3	12.4	58.2	11.7	8.8	45.6	46.8	43.5	181.9	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	17.3	12.4	58.2	11.7	8.8	45.6	46.8	43.5	181.9	0.0	0.0
LOS by Move:	A	B	B	E+	B+	A	D	D	D	F	A	A
HCM2kAvgQ:	0	11	0	3	15	6	10	10	6	1	0	0

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

City of San Jose
Citywide Traffic Database
(updated July 2, 2014)

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

Intersection #3420: COMMERCIAL/FOURTH



Approach:	North Bound			South Bound			East Bound			West Bound		
	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	0	0	0	10	0	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

Volume Module:	>>	Count	Date:	16 Oct 2014	<<	5:00-6:00PM
Base Vol:	0	152	35	190	671	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	152	35	190	671	0
Added Vol:	0	0	0	0	0	0
ATI:	0	0	0	0	0	0
Initial Fut:	0	152	35	190	671	0
User Adj:	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
PHF Volume:	0	152	35	190	671	0
Reduct Vol:	0	0	0	0	0	0
Reduced Vol:	0	152	35	190	671	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	152	35	190	671	0

Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	1.62	0.38	1.00	2.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Final Sat.:	0	3007	692	1750	3800	0	0	0	0	1750	0	1750

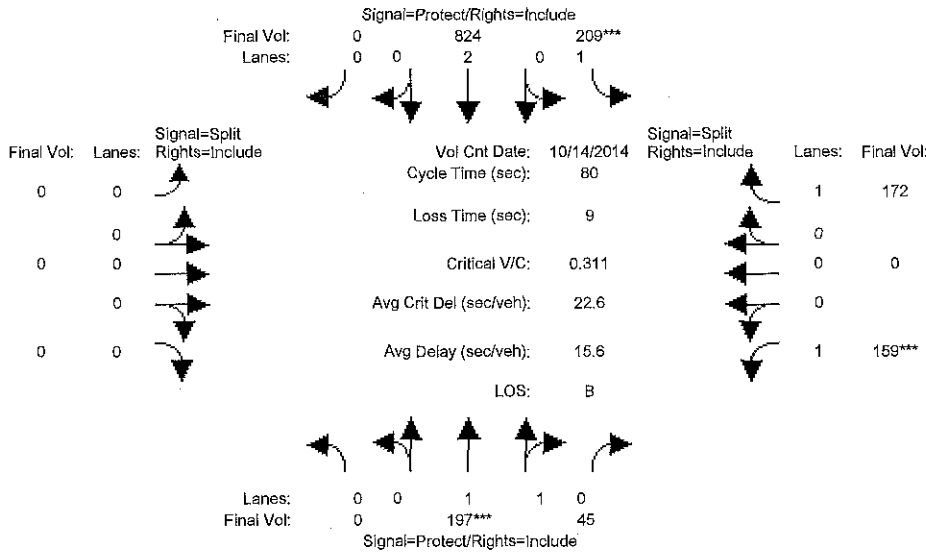
Capacity Analysis Module:												
Vol/Sat:	0.00	0.05	0.05	0.11	0.18	0.00	0.00	0.00	0.00	0.08	0.00	0.08
Crit Moves:	****			****						****		
Green Time:	0.0	15.0	15.0	32.2	47.2	0.0	0.0	0.0	0.0	23.8	0.0	23.8
Volume/Cap:	0.00	0.27	0.27	0.27	0.30	0.00	0.00	0.00	0.00	0.26	0.00	0.27
Delay/Veh:	0.0	28.0	28.0	16.2	8.2	0.0	0.0	0.0	0.0	21.7	0.0	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:	0.0	28.0	28.0	16.2	8.2	0.0	0.0	0.0	0.0	21.7	0.0	21.8
LOS by Move:	A	C	C	B	A	A	A	A	A	C+	A	C+
HCM2kAvgQ:	0	2	2	3	4	0	0	0	0	3	0	3

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

City of San Jose
Citywide Traffic Database
(updated July 2, 2014)

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

Intersection #3420: COMMERCIAL/FOURTH



Approach:	North Bound			South Bound			East Bound			West Bound		
	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	0	0	0	10	0	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

Volume Module:	>>	Count	Date:	14 Oct 2014	<<	4:55-5:55PM						
Base Vol:	0	152	35	190	671	0	0	0	0	137	0	140
Growth Adj:	1.00	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	152	35	190	671	0	0	0	0	137	0	140
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	45	10	19	153	0	0	0	0	22	0	32
Initial Fut:	0	197	45	209	824	0	0	0	0	159	0	172
User Adj:	1.00	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:	0	197	45	209	824	0	0	0	0	159	0	172
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	197	45	209	824	0	0	0	0	159	0	172
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	197	45	209	824	0	0	0	0	159	0	172

Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	1.62	0.38	1.00	2.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Final Sat.:	0	3011	688	1750	3800	0	0	0	0	1750	0	1750

Capacity Analysis Module:												
Vol/Sat:	0.00	0.07	0.07	0.12	0.22	0.00	0.00	0.00	0.00	0.09	0.00	0.10
Crit Moves:	****			****			****					
Green Time:	0.0	16.4	16.4	29.9	46.4	0.0	0.0	0.0	0.0	24.6	0.0	24.6
Volume/Cap:	0.00	0.32	0.32	0.32	0.37	0.00	0.00	0.00	0.00	0.29	0.00	0.32
Delay/Veh:	0.0	27.3	27.3	18.1	9.1	0.0	0.0	0.0	0.0	21.4	0.0	21.6
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:	0.0	27.3	27.3	18.1	9.1	0.0	0.0	0.0	0.0	21.4	0.0	21.6
LOS by Move:	A	C	C	B-	A	A	A	A	A	C+	A	C+
HCM2kAvgQ:	0	3	3	4	6	0	0	0	0	3	0	4

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

Project

City of San Jose
Citywide Traffic Database
(updated July 2, 2014)

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

Intersection #3420 COMMERCIAL/FOURTH

Cycle (sec): 80 Critical Vol./Cap. (X): 0.313
Loss Time (sec): 9 Average Delay (sec/veh): 15.6
Optimal Cycle: 36 Level Of Service: B

Table with columns: Approach (North Bound, South Bound, East Bound, West Bound), Movement (L, T, R), Control (Protected, Split Phase), Rights (Include), and various timing parameters like Min. Green, Y+R, and Lanes.

Table with columns: Volume Module, Count, Date (14 Oct 2014), Time (4:55-5:55PM), and various volume and adjustment factors like Base Vol, Growth Adj, Initial Bse, etc.

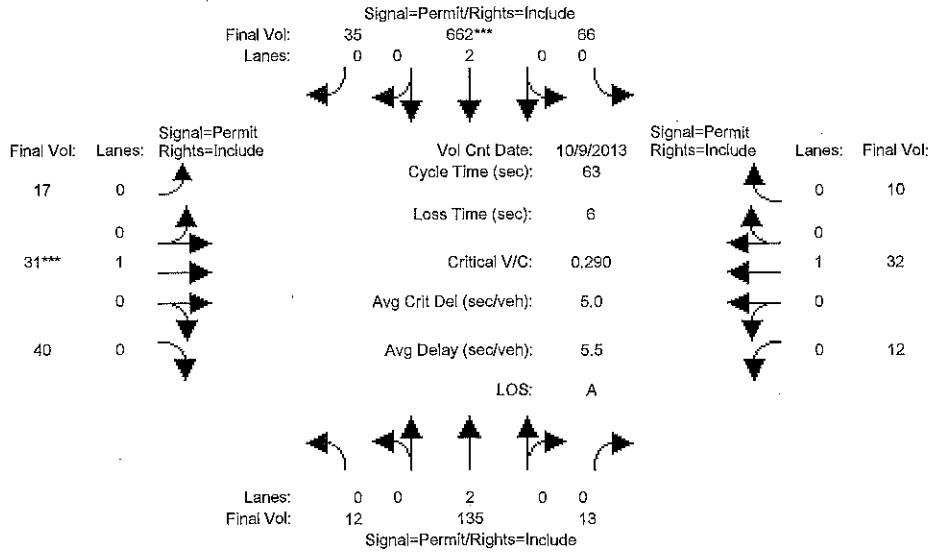
Table for Saturation Flow Module with columns: Sat/Lane, Adjustment, Lanes, and Final Sat. values.

Table for Capacity Analysis Module with columns: Vol/Sat, Crit Moves, Green Time, Volume/Cap, Delay/Veh, User DelAdj, AdjDel/Veh, LOS by Move, and HCM2kAvgQ.

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

City of San Jose
 Citywide Traffic Database
 (updated July 2, 2014)
 Level Of Service Computation Report
 2000 HCM Operations (Future Volume Alternative)
 Existing (PM)

Intersection #3997: FOURTH/YOUNGER



Approach:	North Bound			South Bound			East Bound			West Bound		
	L	T	R	L	T	R	L	T	R	L	T	R
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

Volume Module:	>>	Count	Date:	9 Oct 2013	<<	5:00-6:00PM
Base Vol:	12	135	13	66	662	35
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	12	135	13	66	662	35
Added Vol:	0	0	0	0	0	0
ATI:	0	0	0	0	0	0
Initial Fut:	12	135	13	66	662	35
User Adj:	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
PHF Volume:	12	135	13	66	662	35
Reduct Vol:	0	0	0	0	0	0
Reduced Vol:	12	135	13	66	662	35
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	12	135	13	66	662	35

Saturation Flow Module:	North Bound			South Bound			East Bound			West Bound		
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.95	0.95	0.95	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	0.15	1.69	0.16	0.17	1.74	0.09	0.19	0.35	0.46	0.22	0.59	0.19
Final Sat.:	270	3037	292	311	3123	165	338	616	795	389	1037	324

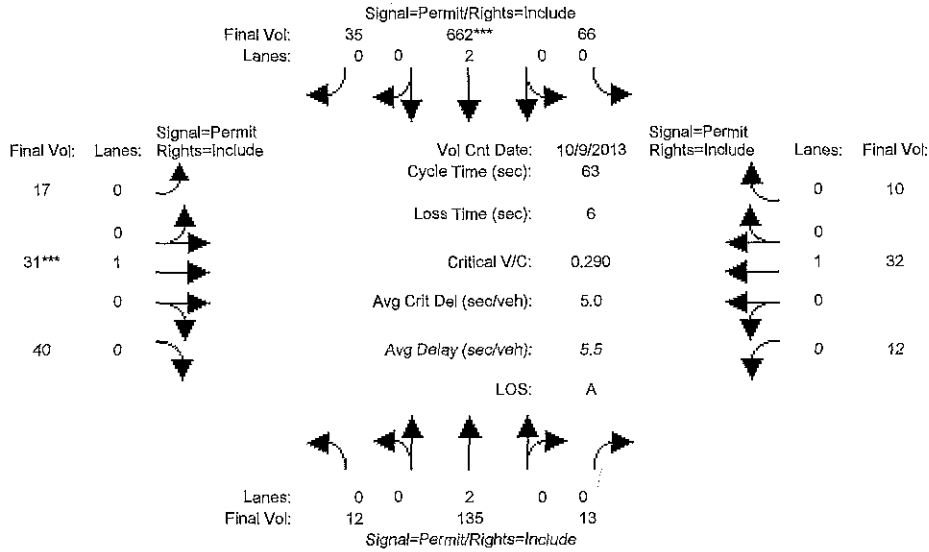
Capacity Analysis Module:	North Bound			South Bound			East Bound			West Bound		
Vol/Sat:	0.04	0.04	0.04	0.21	0.21	0.21	0.05	0.05	0.05	0.03	0.03	0.03
Crit Moves:				****	****	****	****	****	****	****	****	****
Green Time:	46.1	46.1	46.1	46.1	46.1	46.1	10.9	10.9	10.9	10.9	10.9	10.9
Volume/Cap:	0.06	0.06	0.06	0.29	0.29	0.29	0.29	0.29	0.29	0.18	0.18	0.18
Delay/Veh:	2.4	2.4	2.4	2.9	2.9	2.9	23.2	23.2	23.2	22.5	22.5	22.5
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:	2.4	2.4	2.4	2.9	2.9	2.9	23.2	23.2	23.2	22.5	22.5	22.5
LOS by Move:	A	A	A	A	A	A	C	C	C	C+	C+	C+
HCM2kAvgQ:	0	0	0	3	3	3	2	2	2	1	1	1

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

City of San Jose
Citywide Traffic Database
(updated July 2, 2014)

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

Intersection #3997: FOURTH/YOUNGER



Approach:	North Bound			South Bound			East Bound			West Bound		
	L	T	R	L	T	R	L	T	R	L	T	R
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

Volume Module:	>>	Count	Date:	9 Oct 2013	<<	5:00-6:00PM						
Base Vol:	12	135	13	66	662	35	17	31	40	12	32	10
Growth Adj:	1.00	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	135	13	66	662	35	17	31	40	12	32	10
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	12	135	13	66	662	35	17	31	40	12	32	10
User Adj:	1.00	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	135	13	66	662	35	17	31	40	12	32	10
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	135	13	66	662	35	17	31	40	12	32	10
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	12	135	13	66	662	35	17	31	40	12	32	10

Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.95	0.95	0.95	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	0.15	1.69	0.16	0.17	1.74	0.09	0.19	0.35	0.46	0.22	0.59	0.19
Final Sat.:	270	3037	292	311	3123	165	338	616	795	389	1037	324

Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.04	0.21	0.21	0.21	0.05	0.05	0.05	0.03	0.03	0.03
Crit Moves:				****	****	****	****	****	****	****	****	****
Green Time:	46.1	46.1	46.1	46.1	46.1	46.1	10.9	10.9	10.9	10.9	10.9	10.9
Volume/Cap:	0.06	0.06	0.06	0.29	0.29	0.29	0.29	0.29	0.29	0.18	0.18	0.18
Delay/Veh:	2.4	2.4	2.4	2.9	2.9	2.9	23.2	23.2	23.2	22.5	22.5	22.5
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:	2.4	2.4	2.4	2.9	2.9	2.9	23.2	23.2	23.2	22.5	22.5	22.5
LOS by Move:	A	A	A	A	A	A	C	C	C	C+	C+	C+
HCM2kAvgQ:	0	0	0	3	3	3	2	2	2	1	1	1

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

+ Project

City of San Jose
Citywide Traffix Database
(updated July 2, 2014)

Level Of Service Computation Report

2000 HCM Operations Method (Future Volume Alternative)

Intersection #3997 FOURTH/YOUNGER

Cycle (sec): 63 Critical Vol./Cap.(X): 0.295
Loss Time (sec): 6 Average Delay (sec/veh): 5.7
Optimal Cycle: 20 Level Of Service: A

Table with columns for Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, Y+R, and Lanes.

Volume Module: >> Count Date: 9 Oct 2013 << 5:00-6:00PM. Table with 13 columns for volume and adjustment factors.

Saturation Flow Module: Table with 13 columns for saturation flow and adjustment factors.

Capacity Analysis Module: Table with 13 columns for capacity analysis metrics.

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