Lane geometry, Volumes / LOS, Delay (handwritten)

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

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Intersection #101 Bascom/Campbell

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Cycle (sec):	120	Critical Vol./Cap.(X):	0.572
Loss Time (sec):	12	Average Delay (sec/veh):	30.7
Optimal Cycle:	47	Level Of Service:	C

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Street Name:	Bascom						Campbell					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R

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Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Ovl			Ovl		
Min. Green:	7	10	10	10	0	10	10	0	10	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
Lanes:	2	0 2	1 0	1	0 2	1 0	2	0 0	0 1	1	0 0	0 1

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Volume Module: >> Count Date: 6 Dec 2016 << 5:00 - 6:00 pm

Base Vol:	190	571	21	190	1324	273	575	0	356	45	0	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:	190	571	21	190	1324	273	575	0	356	45	0	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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	190	571	21	190	1324	273	575	0	356	45	0	38
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	190	571	21	190	1324	273	575	0	356	45	0	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:	190	571	21	190	1324	273	575	0	356	45	0	38

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Saturation Flow Module:

Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.92	0.99	0.95	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.89	0.11	1.00	2.47	0.53	2.00	0.00	1.00	1.00	0.00	1.00
Final Sat.:	3150	5401	199	1750	4641	957	3150	0	1750	1750	0	1750

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Capacity Analysis Module:

Vol/Sat:	0.06	0.11	0.11	0.11	0.29	0.29	0.18	0.00	0.20	0.03	0.00	0.02
Crit Moves:	****				****				****	****		
Green Time:	12.1	34.2	34.2	35.1	57.2	57.2	38.7	0.0	40.8	10.0	0.0	45.1
Volume/Cap:	0.60	0.37	0.37	0.37	0.60	0.60	0.57	0.00	0.60	0.31	0.00	0.06
Uniform Del:	51.6	34.3	34.3	33.7	23.0	23.0	33.7	0.0	32.8	51.7	0.0	23.9
IncremntDel:	3.1	0.1	0.1	0.5	0.4	0.4	0.7	0.0	1.7	1.2	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	0.00	1.00	1.00	0.00	1.00
Delay/Veh:	54.8	34.5	34.5	34.1	23.4	23.4	34.4	0.0	34.5	53.0	0.0	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:	54.8	34.5	34.5	34.1	23.4	23.4	34.4	0.0	34.5	53.0	0.0	23.9
LOS by Move:	D-	C-	C-	C-	C	C	C-	A	C-	D-	A	C
HCM2kAvgQ:	4	6	6	6	14	14	10	0	11	2	0	1

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

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