

APPENDIX D

Future Year 2025

Performance Measures

Contents:

- *Level of Service (LOS) Summary Tables for Vehicles*
 - *AM, PM, & Saturday Peaks*
- *Level of Service (LOS) Summary Tables for Bikes/Pedestrians*
 - *AM, PM, & Saturday Peaks*
- *Synchro Printouts of Highway Capacity Manual 6th Edition*
 - *AM, PM, & Saturday Peaks (Raw Data)*

Level of Service Letter Grade (based on average delay per vehicle in seconds)		
Signalized Intersections		
A	=	0.0 - 9.9
B	=	10.0 - 19.9
C	=	20.0 - 34.9
D	=	35.0 - 54.9
E	=	55.0 - 79.9
F	=	80.0 & Above
V/C Ratios		
Intersections		
=	< 0.85	
=	0.85 - 0.95	
=	0.96 - 1.00	
=	> 1.00	

Bike & Pedestrian Scores		
BLOS & PLOS		
Signalized Intersections		
A	<=	1.50
B	>	1.50 - 2.50
C	>	2.50 - 3.50
D	>	3.50 - 4.50
E	>	4.50 - 5.50
F	>	5.50

SCENARIO/ANALYSIS YEAR			Road Diet/Future Year 2025							
PEAK HOUR			AM Peak (08:00 AM to 09:00 AM)							
HCM 6th Edition			Vehicular Performance Measures							
			DELAY (seconds) & LOS (Letter Grade)					Volume to Capacity Ratio		
Intersection	Approach	Lane Config.	By Lane Config.		By Approach		By Overall Intersection		By Lane Config.	Max
Atlantic Ave @ Coolidge Ave	Eastbound	Left	1.8	A	2.7	A	4.3	A	0.01	0.28
		Thru	0.0	A					0.00	
		Right	2.7	A					0.26	
	Westbound	Left	0.2	A	0.4	A			0.01	
		Thru	0.0	A					0.00	
		Right	0.4	A					0.23	
	Northbound	Left	39.3	D	39.3	D			0.11	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	42.9	D	42.9	D			0.28	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Washington Ave	Eastbound	Left	0.1	A	0.7	A	4.0	A	0.04	0.46
		Thru	0.0	A					0.00	
		Right	0.8	A					0.32	
	Westbound	Left	0.0	A	0.8	A			0.01	
		Thru	0.0	A					0.00	
		Right	0.8	A					0.36	
	Northbound	Left	36.7	D	36.7	D			0.09	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	44.7	D	44.7	D			0.46	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Cedar Grove Ave	Eastbound	Left	0.2	A	0.8	A	2.8	A	0.03	0.36
		Thru	0.0	A					0.00	
		Right	0.9	A					0.36	
	Westbound	Left	0.0	A	0.7	A			0.01	
		Thru	0.0	A					0.00	
		Right	0.7	A					0.33	
	Northbound	Left	39.8	D	39.8	D			0.16	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	39.3	D	39.3	D			0.14	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Mansfield Ave	Eastbound	Left	0.0	A	0.7	A	2.0	A	0.01	0.50
		Thru	0.0	A					0.00	
		Right	0.7	A					0.31	
	Westbound	Left	0.2	A	0.8	A			0.03	
		Thru	0.0	A					0.00	
		Right	0.9	A					0.37	
	Northbound	Left	46.6	D	46.6	D			0.50	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
		Right	0.0	A					0.00	

SCENARIO/ANALYSIS YEAR			Road Diet/Future Year 2025							
PEAK HOUR			AM Peak (08:00 AM to 09:00 AM)							
HCM 6th Edition			Vehicular Performance Measures							
			DELAY (seconds) & LOS (Letter Grade)					Volume to Capacity Ratio		
Intersection	Approach	Lane Config.	By Lane Config.		By Approach		By Overall Intersection		By Lane Config.	Max
Atlantic Ave @ Huntington Ave	Eastbound	Left	0.0	A	0.6	A	1.9	A	0.02	0.50
		Thru	0.0	A					0.00	
		Right	0.7	A					0.31	
	Westbound	Left	0.0	A	0.8	A			0.01	
		Thru	0.0	A					0.00	
		Right	0.7	A					0.37	
	Northbound	Left	46.6	D	46.6	D			0.50	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Essex Ave	Eastbound	Left	0.1	A	0.6	A	4.0	A	0.04	0.51
		Thru	0.7	A					0.31	
	Westbound	Thru	0.0	A	0.8	A			0.00	
		Right	0.8	A					0.36	
	Southbound	Left	41.9	D	41.9	D			0.51	
		Right	0.0	A					0.00	
Atlantic Ave @ Douglass Ave	Eastbound	Left	0.0	A	0.7	A	1.9	A	0.02	0.50
		Thru	0.0	A					0.00	
		Right	0.7	A					0.32	
	Westbound	Left	0.0	A	1.0	A			0.01	
		Thru	0.0	A					0.00	
		Right	1.0	A					0.41	
	Northbound	Left	46.6	D	46.6	D			0.50	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Fredericksburg Ave	Eastbound	Left	0.5	A	0.7	A	4.4	A	0.01	0.40
		Thru	0.0	A					0.00	
		Right	0.7	A					0.33	
	Westbound	Left	1.7	A	3.4	A			0.01	
		Thru	0.0	A					0.00	
		Right	3.5	A					0.40	
	Northbound	Left	39.2	D	39.2	D			0.17	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	38.9	D	38.9	D			0.17	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	

SCENARIO/ANALYSIS YEAR			Road Diet/Future Year 2025							
PEAK HOUR			PM Peak (05:00 PM to 06:00 PM)							
HCM 6th Edition			Vehicular Performance Measures						Volume to Capacity Ratio	
			DELAY (seconds) & LOS (Letter Grade)							
Intersection	Approach	Lane Config.	By Lane Config.		By Approach		By Overall Intersection	By Lane Config.	Max	
Atlantic Ave @ Coolidge Ave	Eastbound	Left	3.2	A	2.8	A	5.9	A	0.01	0.39
		Thru	0.0	A					0.00	
		Right	2.7	A					0.25	
	Westbound	Left	2.9	A	2.9	A			0.01	
		Thru	0.0	A					0.00	
		Right	2.9	A					0.29	
	Northbound	Left	42.8	D	42.8	D			0.23	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	46.9	D	46.9	D			0.39	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Washington Ave	Eastbound	Left	0.1	A	0.6	A	3.9	A	0.04	0.42
		Thru	0.0	A					0.00	
		Right	0.7	A					0.33	
	Westbound	Left	0.0	A	1.0	A			0.01	
		Thru	0.0	A					0.00	
		Right	1.0	A					0.41	
	Northbound	Left	38.7	D	38.7	D			0.25	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	43.5	D	43.5	D			0.42	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Cedar Grove Ave	Eastbound	Left	0.0	A	0.6	A	3.2	A	0.01	0.38
		Thru	0.0	A					0.00	
		Right	0.6	A					0.33	
	Westbound	Left	0.0	A	0.8	A			0.02	
		Thru	0.0	A					0.00	
		Right	0.8	A					0.38	
	Northbound	Left	41.9	D	41.9	D			0.23	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	41.1	D	41.1	D			0.19	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Mansfield Ave	Eastbound	Left	0.0	A	0.6	A	1.6	A	0.01	0.45
		Thru	0.0	A					0.00	
		Right	0.6	A					0.32	
	Westbound	Left	0.0	A	0.7	A			0.01	
		Thru	0.0	A					0.00	
		Right	0.7	A					0.34	
	Northbound	Left	47.8	D	47.8	D			0.45	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
		Right	0.0	A					0.00	

SCENARIO/ANALYSIS YEAR			Road Diet/Future Year 2025							
PEAK HOUR			PM Peak (05:00 PM to 06:00 PM)							
HCM 6th Edition			Vehicular Performance Measures							
			DELAY (seconds) & LOS (Letter Grade)				Volume to Capacity Ratio			
Intersection	Approach	Lane Config.	By Lane Config.		By Approach		By Overall Intersection		By Lane Config.	Max
Atlantic Ave @ Huntington Ave	Eastbound	Left	0.1	A	0.6	A	1.4	A	0.02	0.35
		Thru	0.0	A					0.00	
		Right	0.6	A					0.31	
	Westbound	Left	0.0	A	0.7	A			0.01	
		Thru	0.0	A					0.00	
		Right	0.7	A					0.35	
	Northbound	Left	38.9	D	38.9	D			0.13	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Essex Ave	Eastbound	Left	0.3	A	0.9	A	4.6	A	0.11	0.65
		Thru	0.9	A					0.42	
	Westbound	Thru	0.0	A	0.7	A			0.00	
		Right	0.7	A					0.35	
	Southbound	Left	45.8	D	45.8	D			0.65	
		Right	0.0	A					0.00	
Atlantic Ave @ Douglass Ave	Eastbound	Left	0.1	A	0.5	A	1.4	A	0.05	0.35
		Thru	0.0	A					0.00	
		Right	0.5	A					0.33	
	Westbound	Left	0.0	A	0.6	A			0.01	
		Thru	0.0	A					0.00	
		Right	0.6	A					0.35	
	Northbound	Left	46.3	D	46.3	D			0.26	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Fredericksburg Ave	Eastbound	Left	0.3	A	0.6	A	3.5	A	0.01	0.36
		Thru	0.0	A					0.00	
		Right	0.6	A					0.34	
	Westbound	Left	1.5	A	2.8	A			0.01	
		Thru	0.0	A					0.00	
		Right	2.8	A					0.36	
	Northbound	Left	44.4	D	44.4	D			0.23	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	45.7	D	45.7	D			0.30	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	

SCENARIO/ANALYSIS YEAR			Road Diet/Future Year 2025							
PEAK HOUR			SAT Peak (12:00 PM to 01:00 PM)							
HCM 6th Edition			Vehicular Performance Measures							
			DELAY (seconds) & LOS (Letter Grade)					Volume to Capacity Ratio		
Intersection	Approach	Lane Configuration	By Lane Configuration		By Approach		By Overall Intersection		By Lane Configuration	Max
Atlantic Ave @ Coolidge Ave	Eastbound	Left	2.1	A	6.3	A	6.6	A	0.03	0.60
		Thru	0.0	A					0.00	
		Right	6.4	A					0.60	
	Westbound	Left	2.1	A	1.7	A			0.01	
		Thru	0.0	A					0.00	
		Right	1.6	A					0.58	
	Northbound	Left	45.4	D	45.4	D			0.18	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	46.3	D	46.3	D			0.32	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Washington Ave	Eastbound	Left	0.2	A	2.4	A	6.1	A	0.08	0.74
		Thru	0.0	A					0.00	
		Right	2.5	A					0.64	
	Westbound	Left	0.0	A	3.7	A			0.01	
		Thru	0.0	A					0.00	
		Right	3.7	A					0.74	
	Northbound	Left	36.9	D	36.9	D			0.11	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	53.6	D	53.6	D			0.61	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Cedar Grove Ave	Eastbound	Left	0.1	A	2.1	A	5.2	A	0.02	0.67
		Thru	0.0	A					0.00	
		Right	2.1	A					0.63	
	Westbound	Left	0.1	A	2.7	A			0.03	
		Thru	0.0	A					0.00	
		Right	2.8	A					0.67	
	Northbound	Left	45.3	D	45.3	D			0.22	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	46.2	D	46.2	D			0.34	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Mansfield Ave	Eastbound	Left	0.0	A	0.9	A	2.1	A	0.02	0.54
		Thru	0.0	A					0.00	
		Right	0.9	A					0.44	
	Westbound	Left	0.0	A	1.4	A			0.01	
		Thru	0.0	A					0.00	
		Right	1.4	A					0.54	
	Northbound	Left	50.4	D	50.4	D			0.29	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	

SCENARIO/ANALYSIS YEAR			Road Diet/Future Year 2025							
PEAK HOUR			SAT Peak (12:00 PM to 01:00 PM)							
HCM 6th Edition			Vehicular Performance Measures							
			DELAY (seconds) & LOS (Letter Grade)					Volume to Capacity Ratio		
Intersection	Approach	Lane Configuration	By Lane Configuration		By Approach		By Overall Intersection		By Lane Configuration	Max
Atlantic Ave @ Huntington Ave	Eastbound	Left	3.8	A	7.1	A	5.1	A	0.02	0.61
		Thru	0.0	A					0.00	
		Right	7.1	A					0.48	
	Westbound	Left	1.6	A	2.2	A			0.03	
		Thru	0.0	A					0.00	
		Right	2.3	A					0.61	
	Northbound	Left	38.3	D	38.3	D			0.22	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Essex Ave	Eastbound	Left	0.2	A	0.8	A	7.8	A	0.08	0.83
		Thru	0.9	A					0.39	
	Westbound	Thru	0.0	A	1.1	A			0.00	
		Right	1.1	A					0.45	
	Southbound	Left	54.0	D	54.0	D			0.83	
		Right	0.0	A					0.00	
Atlantic Ave @ Douglass Ave	Eastbound	Left	0.1	A	0.8	A	1.6	A	0.05	0.48
		Thru	0.0	A					0.00	
		Right	0.8	A					0.42	
	Westbound	Left	0.0	A	1.1	A			0.01	
		Thru	0.0	A					0.00	
		Right	1.1	A					0.48	
	Northbound	Left	45.6	D	45.6	D			0.18	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
Atlantic Ave @ Fredericksburg Ave	Eastbound	Left	1.0	A	0.9	A	5.0	A	0.01	0.48
		Thru	0.0	A					0.00	
		Right	0.9	A					0.41	
	Westbound	Left	1.9	A	4.4	A			0.01	
		Thru	0.0	A					0.00	
		Right	4.4	A					0.48	
	Northbound	Left	43.7	D	43.7	D			0.10	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	
	Southbound	Left	45.3	D	45.3	D			0.26	
		Thru	0.0	A					0.00	
		Right	0.0	A					0.00	

SCENARIO/ANALYSIS YEAR		Road Diet/Future Year 2025				
PEAK HOUR		AM Peak (08:00 AM to 09:00 AM)				
(HCM 6th Edition)	Bike Performance Measures			Pedestrian Performance Measures		
Intersection	Approach	Score	LOS	Crosswalk	Score	LOS
Atlantic Ave @ Coolidge Ave	Eastbound	1.82	B	Southbound	2.16	B
	Westbound	1.72	B	Northbound	2.16	B
	Northbound	1.46	A	Eastbound	1.75	B
	Southbound	1.46	A	Westbound	1.75	B
Atlantic Ave @ Washington Ave	Eastbound	1.88	B	Southbound	2.22	B
	Westbound	1.94	B	Northbound	2.22	B
	Northbound	1.46	A	Eastbound	1.83	B
	Southbound	1.50	A	Westbound	1.81	B
Atlantic Ave @ Cedar Grove Ave	Eastbound	1.93	B	Southbound	2.23	B
	Westbound	1.95	B	Northbound	2.22	B
	Northbound	1.46	A	Eastbound	1.76	B
	Southbound	1.46	A	Westbound	1.76	B
Atlantic Ave @ Mansfield Ave	Eastbound	1.82	B	Southbound	2.19	B
	Westbound	1.79	B	Northbound	2.19	B
	Northbound	1.45	A	Eastbound	1.76	B
	Southbound	N/A	N/A	Westbound	1.47	A
Atlantic Ave @ Huntington Ave	Eastbound	1.86	B	Southbound	2.20	B
	Westbound	1.81	B	Northbound	2.21	B
	Northbound	1.46	A	Eastbound	1.77	B
	Southbound	N/A	N/A	Westbound	1.48	A
Atlantic Ave @ Essex Ave	Eastbound	2.07	B	Southbound	2.24	B
	Westbound	1.93	B	Northbound	2.12	B
	Southbound	1.53	B	Westbound	1.84	B
Atlantic Ave @ Douglass Ave	Eastbound	1.89	B	Southbound	2.22	B
	Westbound	1.88	B	Northbound	2.23	B
	Northbound	1.46	A	Eastbound	1.77	B
	Southbound	N/A	N/A	Westbound	1.49	A
Atlantic Ave @ Frederickburg Ave	Eastbound	1.91	B	Southbound	2.25	B
	Westbound	2.08	B	Northbound	2.25	B
	Northbound	1.47	A	Eastbound	1.76	B
	Southbound	1.48	A	Westbound	1.76	B

SCENARIO/ANALYSIS YEAR		Road Diet/Future Year 2025				
PEAK HOUR		PM Peak (05:00 PM to 06:00 PM)				
HCM 6th Edition	Bike Performance Measures			Pedestrian Performance Measures		
Intersection	Approach	Score	LOS	Crosswalk	Score	LOS
Atlantic Ave @ Coolidge Ave	Eastbound	1.82	B	Southbound	2.20	B
	Westbound	1.89	B	Northbound	2.20	B
	Northbound	1.46	A	Eastbound	1.76	B
	Southbound	1.48	A	Westbound	1.76	B
Atlantic Ave @ Washington Ave	Eastbound	1.97	B	Southbound	2.27	B
	Westbound	2.09	B	Northbound	2.26	B
	Northbound	1.48	A	Eastbound	1.85	B
	Southbound	1.50	A	Westbound	1.82	B
Atlantic Ave @ Cedar Grove Ave	Eastbound	2.00	B	Southbound	2.28	B
	Westbound	2.10	B	Northbound	2.28	B
	Northbound	1.47	A	Eastbound	1.78	B
	Southbound	1.48	A	Westbound	1.78	B
Atlantic Ave @ Mansfield Ave	Eastbound	1.95	B	Southbound	2.23	B
	Westbound	1.84	B	Northbound	2.23	B
	Northbound	1.45	A	Eastbound	1.76	B
	Southbound	N/A	N/A	Westbound	1.47	A
Atlantic Ave @ Huntington Ave	Eastbound	1.97	B	Southbound	2.23	B
	Westbound	1.87	B	Northbound	2.24	B
	Northbound	1.46	A	Eastbound	1.77	B
	Southbound	N/A	N/A	Westbound	1.48	A
Atlantic Ave @ Essex Ave	Eastbound	2.47	B	Southbound	2.36	B
	Westbound	2.00	B	Northbound	2.26	B
	Southbound	1.58	B	Westbound	1.96	B
Atlantic Ave @ Douglass Ave	Eastbound	2.12	B	Southbound	2.27	B
	Westbound	1.92	B	Northbound	2.28	B
	Northbound	1.45	A	Eastbound	1.81	B
	Southbound	N/A	N/A	Westbound	1.51	B
Atlantic Ave @ Fredericksburg Ave	Eastbound	2.06	B	Southbound	2.29	B
	Westbound	2.09	B	Northbound	2.28	B
	Northbound	1.46	A	Eastbound	1.76	B
	Southbound	1.46	A	Westbound	1.76	B

SCENARIO/ANALYSIS YEAR		Road Diet/Future Year 2025				
PEAK HOUR		SAT Peak (12:00 PM to 01:00 PM)				
HCM 6th Edition	Bike Performance Measures			Pedestrian Performance Measures		
Intersection	Approach	Score	LOS	Crosswalk	Score	LOS
Atlantic Ave @ Coolidge Ave	Eastbound	2.27	B	Southbound	2.37	B
	Westbound	2.27	B	Northbound	2.37	B
	Northbound	1.46	A	Eastbound	1.77	B
	Southbound	1.52	B	Westbound	1.80	B
Atlantic Ave @ Washington Ave	Eastbound	2.33	B	Southbound	2.40	B
	Westbound	2.40	B	Northbound	2.40	B
	Northbound	1.47	A	Eastbound	1.85	B
	Southbound	1.70	B	Westbound	1.86	B
Atlantic Ave @ Cedar Grove Ave	Eastbound	2.43	B	Southbound	2.45	B
	Westbound	2.47	B	Northbound	2.44	B
	Northbound	1.48	A	Eastbound	1.79	B
	Southbound	1.53	B	Westbound	1.81	B
Atlantic Ave @ Mansfield Ave	Eastbound	2.12	B	Southbound	2.34	B
	Westbound	2.18	B	Northbound	2.35	B
	Northbound	1.47	A	Eastbound	1.78	B
	Southbound	N/A	N/A	Westbound	1.50	A
Atlantic Ave @ Huntington Ave	Eastbound	2.28	B	Southbound	2.32	B
	Westbound	2.14	B	Northbound	2.34	B
	Northbound	1.68	B	Eastbound	1.78	B
	Southbound	N/A	N/A	Westbound	1.51	B
Atlantic Ave @ Essex Ave	Eastbound	2.24	B	Southbound	2.39	B
	Westbound	2.12	B	Northbound	2.30	B
	Southbound	1.45	A	Westbound	2.00	B
Atlantic Ave @ Douglass Ave	Eastbound	1.72	B	Southbound	2.34	B
	Westbound	1.58	B	Northbound	2.34	B
	Northbound	1.62	B	Eastbound	1.82	B
	Southbound	N/A	N/A	Westbound	1.53	B
Atlantic Ave @ Fredericksburg Ave	Eastbound	2.11	B	Southbound	2.34	B
	Westbound	2.27	B	Northbound	2.34	B
	Northbound	1.46	A	Eastbound	1.78	B
	Southbound	1.49	A	Westbound	1.78	B

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	6	284	6	6	226	9	6	6	6	8	6	6
Future Volume (veh/h)	6	284	6	6	226	9	6	6	6	8	6	6
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1489	1590	407	1850	1504	1662	1850	1850	1850	1850	407	1273
Adj Flow Rate, veh/h	7	330	7	7	263	10	7	7	7	9	7	7
Peak Hour Factor	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
Percent Heavy Veh, %	25	18	100	0	24	13	0	0	0	0	100	40
Cap, veh/h	807	1247	26	876	1157	44	77	62	43	62	12	8
Arrive On Green	0.80	0.80	0.80	1.00	1.00	1.00	0.07	0.07	0.07	0.07	0.07	0.07
Sat Flow, veh/h	905	1551	33	1060	1439	55	325	842	584	85	167	110
Grp Volume(v), veh/h	7	0	337	7	0	273	21	0	0	23	0	0
Grp Sat Flow(s),veh/h/ln	905	0	1584	1060	0	1494	1751	0	0	362	0	0
Q Serve(g_s), s	0.1	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0
Cycle Q Clear(g_c), s	0.1	0.0	4.8	4.8	0.0	0.0	1.0	0.0	0.0	5.6	0.0	0.0
Prop In Lane	1.00		0.02	1.00		0.04	0.33		0.33	0.39		0.30
Lane Grp Cap(c), veh/h	807	0	1273	876	0	1201	183	0	0	82	0	0
V/C Ratio(X)	0.01	0.00	0.26	0.01	0.00	0.23	0.11	0.00	0.00	0.28	0.00	0.00
Avail Cap(c_a), veh/h	807	0	1273	876	0	1201	455	0	0	142	0	0
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	0.96	0.00	0.96	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	1.7	0.0	2.2	0.2	0.0	0.0	39.0	0.0	0.0	41.1	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.5	0.0	0.0	0.4	0.3	0.0	0.0	1.8	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	1.0	0.0	0.0	0.1	0.4	0.0	0.0	0.5	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	1.8	0.0	2.7	0.2	0.0	0.4	39.3	0.0	0.0	42.9	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		344			280			21			23	
Approach Delay, s/veh		2.7			0.4			39.3			42.9	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		78.3		11.7		78.3		11.7				
Change Period (Y+Rc), s		6.0		5.0		6.0		5.0				
Max Green Setting (Gmax), s		57.0		22.0		57.0		22.0				
Max Q Clear Time (g_c+I1), s		6.8		3.0		6.8		7.6				
Green Ext Time (p_c), s		1.3		0.0		1.0		0.0				
Intersection Summary												
HCM 6th Ctrl Delay			4.3									
HCM 6th LOS			A									

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	19	10	6	6
Ped. Right-Left Flow Rate (p/h)	42	21	6	6
Ped. R. Sidewalk Flow Rate (p/h)	12	12	31	61
Veh. Perm. L. Flow in Walk (v/h)	8	6	6	6
Veh. Perm. R. Flow in Walk (v/h)	6	6	9	6
Veh. RTOR Flow in Walk (v/h)	2	3	4	3
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	140.9	234.3	180.6	96.8
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	108.9	217.1	501.0	506.8
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	34.7	34.7	34.7	34.7
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.16	2.16	1.75	1.75
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	77	50	6	6
Total Flow Rate (veh/h)	344	280	21	23
Effct. Green for Bike (s)	81.6	81.6	10.0	10.0
Cross Street Width (ft)	24.1	24.1	36.2	36.1
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1813	1813	222	222
Bicycle Delay (s/bike)	0.4	0.4	35.7	35.7
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	1.00	0.89	0.65	0.65
Bicycle LOS	A	A	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	24	292	6	6	280	70	6	6	6	26	6	8
Future Volume (veh/h)	24	292	6	6	280	70	6	6	6	26	6	8
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1590	1432	1850	1850	1561	1677	1850	1850	1850	1186	407	407
Adj Flow Rate, veh/h	28	344	7	7	329	82	7	7	7	31	7	9
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Percent Heavy Veh, %	18	29	0	0	20	12	0	0	0	46	100	100
Cap, veh/h	728	1065	22	877	919	229	91	82	60	87	8	7
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.10	0.10	0.10	0.10	0.10	0.10
Sat Flow, veh/h	851	1398	28	1046	1207	301	362	783	572	194	78	65
Grp Volume(v), veh/h	28	0	351	7	0	411	21	0	0	47	0	0
Grp Sat Flow(s),veh/h/ln	851	0	1426	1046	0	1507	1716	0	0	337	0	0
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	9.4	0.0	0.0
Prop In Lane	1.00		0.02	1.00		0.20	0.33		0.33	0.66		0.19
Lane Grp Cap(c), veh/h	728	0	1087	877	0	1149	233	0	0	102	0	0
V/C Ratio(X)	0.04	0.00	0.32	0.01	0.00	0.36	0.09	0.00	0.00	0.46	0.00	0.00
Avail Cap(c_a), veh/h	728	0	1087	877	0	1149	456	0	0	148	0	0
HCM Platoon Ratio	2.00	2.00	2.00	1.33	1.33	1.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(l)	0.98	0.00	0.98	0.96	0.00	0.96	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	36.5	0.0	0.0	41.4	0.0	0.0
Incr Delay (d2), s/veh	0.1	0.0	0.8	0.0	0.0	0.8	0.2	0.0	0.0	3.2	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	0.3	0.4	0.0	0.0	1.1	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.1	0.0	0.8	0.0	0.0	0.8	36.7	0.0	0.0	44.7	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		379			418			21			47	
Approach Delay, s/veh		0.7			0.8			36.7			44.7	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		74.6		15.4		74.6		15.4				
Change Period (Y+Rc), s		6.0		6.0		6.0		6.0				
Max Green Setting (Gmax), s		56.0		22.0		56.0		22.0				
Max Q Clear Time (g_c+I1), s		2.0		3.0		2.0		11.4				
Green Ext Time (p_c), s		1.5		0.0		1.7		0.1				
Intersection Summary												
HCM 6th Ctrl Delay				4.0								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	16	13	7	10
Ped. Right-Left Flow Rate (p/h)	15	7	7	7
Ped. R. Sidewalk Flow Rate (p/h)	17	14	20	31
Veh. Perm. L. Flow in Walk (v/h)	26	6	26	6
Veh. Perm. R. Flow in Walk (v/h)	6	8	70	6
Veh. RTOR Flow in Walk (v/h)	4	6	40	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	211.4	261.2	244.3	165.3
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	205.6	335.6	295.5	357.2
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	34.7	34.7	34.7	34.7
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.22	2.22	1.83	1.81
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	82	54	6	6
Total Flow Rate (veh/h)	379	418	21	47
Effct. Green for Bike (s)	75.6	75.6	11.2	11.2
Cross Street Width (ft)	24.2	24.2	36.1	36.2
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1680	1680	249	249
Bicycle Delay (s/bike)	1.2	1.2	34.6	34.6
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	1.05	1.12	0.65	0.69
Bicycle LOS	A	A	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	6	324	9	6	332	12	6	6	6	9	6	6
Future Volume (veh/h)	6	324	9	6	332	12	6	6	6	9	6	6
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	407	1403	1128	1850	1561	1720	768	1128	984	1662	1850	1850
Adj Flow Rate, veh/h	7	390	11	7	400	14	7	7	7	11	7	7
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Percent Heavy Veh, %	100	31	50	0	20	9	75	50	60	13	0	0
Cap, veh/h	254	1089	31	881	1202	42	67	37	26	93	53	35
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.08	0.08	0.08	0.08	0.08	0.08
Sat Flow, veh/h	217	1357	38	999	1499	52	182	493	338	467	705	456
Grp Volume(v), veh/h	7	0	401	7	0	414	21	0	0	25	0	0
Grp Sat Flow(s),veh/h/ln	217	0	1396	999	0	1552	1013	0	0	1627	0	0
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	1.2	0.0	0.0
Prop In Lane	1.00		0.03	1.00		0.03	0.33		0.33	0.44		0.28
Lane Grp Cap(c), veh/h	254	0	1119	881	0	1244	130	0	0	181	0	0
V/C Ratio(X)	0.03	0.00	0.36	0.01	0.00	0.33	0.16	0.00	0.00	0.14	0.00	0.00
Avail Cap(c_a), veh/h	254	0	1119	881	0	1244	273	0	0	410	0	0
HCM Platoon Ratio	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(l)	0.97	0.00	0.97	0.94	0.00	0.94	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	39.2	0.0	0.0	39.0	0.0	0.0
Incr Delay (d2), s/veh	0.2	0.0	0.9	0.0	0.0	0.7	0.6	0.0	0.0	0.3	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.3	0.0	0.0	0.2	0.5	0.0	0.0	0.5	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.2	0.0	0.9	0.0	0.0	0.7	39.8	0.0	0.0	39.3	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		408			421			21			25	
Approach Delay, s/veh		0.9			0.7			39.8			39.3	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		78.2		11.8		78.2		11.8				
Change Period (Y+Rc), s		6.0		5.0		6.0		5.0				
Max Green Setting (Gmax), s		59.0		20.0		59.0		20.0				
Max Q Clear Time (g_c+I1), s		2.0		3.7		2.0		3.2				
Green Ext Time (p_c), s		1.8		0.0		1.6		0.0				
Intersection Summary												
HCM 6th Ctrl Delay				2.8								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	7	37	6	6
Ped. Right-Left Flow Rate (p/h)	19	23	6	6
Ped. R. Sidewalk Flow Rate (p/h)	12	12	60	26
Veh. Perm. L. Flow in Walk (v/h)	9	6	6	6
Veh. Perm. R. Flow in Walk (v/h)	6	6	12	9
Veh. RTOR Flow in Walk (v/h)	4	4	9	6
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	259.5	152.4	92.4	210.9
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	256.9	111.4	495.3	501.0
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	34.7	34.7	34.7	34.7
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.23	2.22	1.76	1.76
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	98	53	8	6
Total Flow Rate (veh/h)	408	421	21	25
Effct. Green for Bike (s)	81.6	81.6	10.0	10.0
Cross Street Width (ft)	24.0	24.1	36.0	36.0
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1813	1813	222	222
Bicycle Delay (s/bike)	0.4	0.4	35.7	35.7
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	1.10	1.12	0.64	0.65
Bicycle LOS	A	A	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	6	301	6	6	361	21	6	6	6	0	0	0
Future Volume (veh/h)	6	301	6	6	361	21	6	6	6	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1850	1460	407	407	1533	1273	1850	407	407			
Adj Flow Rate, veh/h	7	331	7	7	397	23	7	7	7			
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91			
Percent Heavy Veh, %	0	27	100	100	22	40	0	100	100			
Cap, veh/h	822	1077	23	256	1084	63	14	14	14			
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.11	0.11	0.11			
Sat Flow, veh/h	982	1425	30	233	1434	83	126	126	126			
Grp Volume(v), veh/h	7	0	338	7	0	420	21	0	0			
Grp Sat Flow(s),veh/h/ln	982	0	1455	233	0	1518	378	0	0			
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0			
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0			
Prop In Lane	1.00		0.02	1.00		0.05	0.33		0.33			
Lane Grp Cap(c), veh/h	822	0	1099	256	0	1147	42	0	0			
V/C Ratio(X)	0.01	0.00	0.31	0.03	0.00	0.37	0.50	0.00	0.00			
Avail Cap(c_a), veh/h	822	0	1099	256	0	1147	101	0	0			
HCM Platoon Ratio	1.33	1.33	1.33	2.00	2.00	2.00	1.00	1.00	1.00			
Upstream Filter(l)	0.96	0.00	0.96	0.94	0.00	0.94	1.00	0.00	0.00			
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	37.6	0.0	0.0			
Incr Delay (d2), s/veh	0.0	0.0	0.7	0.2	0.0	0.9	8.9	0.0	0.0			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	0.3	0.5	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	0.0	0.7	0.2	0.0	0.9	46.6	0.0	0.0			
LnGrp LOS	A	A	A	A	A	A	D	A	A			
Approach Vol, veh/h		345			427			21				
Approach Delay, s/veh		0.7			0.8			46.6				
Approach LOS		A			A			D				
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		74.0		16.0		74.0						
Change Period (Y+Rc), s		6.0		6.0		6.0						
Max Green Setting (Gmax), s		54.0		24.0		54.0						
Max Q Clear Time (g_c+I1), s		2.0		2.0		2.0						
Green Ext Time (p_c), s		1.3		0.0		1.9						
Intersection Summary												
HCM 6th Ctrl Delay			2.0									
HCM 6th LOS			A									

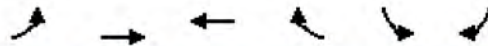
Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	1
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Act+Rest	Actuated	Actuated
Corresponding Signal Phase	4	4	2	6
Effective Walk Time (s)	11.0	17.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	13	6	6	6
Ped. Right-Left Flow Rate (p/h)	11	6	6	6
Ped. R. Sidewalk Flow Rate (p/h)	12	12	12	24
Veh. Perm. L. Flow in Walk (v/h)	0	6	6	6
Veh. Perm. R. Flow in Walk (v/h)	6	0	21	6
Veh. RTOR Flow in Walk (v/h)	2	0	14	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	277.5	377.1	377.1	220.6
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	285.6	890.2	477.9	506.8
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	34.7	29.6	34.7	34.7
Pedestrian Compliance Code	Poor	Fair	Poor	Poor
Pedestrian Crosswalk Score	2.19	2.19	1.76	1.47
Pedestrian Crosswalk LOS	B	B	B	A

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	78	77	6	6
Total Flow Rate (veh/h)	345	427	21	0
Effct. Green for Bike (s)	68.0	68.0	10.0	0.0
Cross Street Width (ft)	24.0	12.0	35.8	38.6
Through Lanes Number	1	1	1	0
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1511	1511	222	0
Bicycle Delay (s/bike)	2.8	2.8	35.7	0.0
Bicycle Compliance	Good	Good	Poor	
Bicycle LOS Score	1.00	0.95	0.64	0.00
Bicycle LOS	A	A	A	

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	12	318	6	6	371	21	6	6	6	0	0	0
Future Volume (veh/h)	12	318	6	6	371	21	6	6	6	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1720	1489	1850	1850	1504	1706	1850	407	1561			
Adj Flow Rate, veh/h	13	349	7	7	408	23	7	7	7			
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91			
Percent Heavy Veh, %	9	25	0	0	24	10	0	100	20			
Cap, veh/h	783	1132	23	890	1097	62	14	14	14			
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.11	0.11	0.11			
Sat Flow, veh/h	904	1455	29	1042	1410	79	126	126	126			
Grp Volume(v), veh/h	13	0	356	7	0	431	21	0	0			
Grp Sat Flow(s),veh/h/ln	904	0	1484	1042	0	1489	378	0	0			
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0			
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0			
Prop In Lane	1.00		0.02	1.00		0.05	0.33		0.33			
Lane Grp Cap(c), veh/h	783	0	1154	890	0	1158	42	0	0			
V/C Ratio(X)	0.02	0.00	0.31	0.01	0.00	0.37	0.50	0.00	0.00			
Avail Cap(c_a), veh/h	783	0	1154	890	0	1158	84	0	0			
HCM Platoon Ratio	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00			
Upstream Filter(l)	0.96	0.00	0.96	0.95	0.00	0.95	1.00	0.00	0.00			
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	37.6	0.0	0.0			
Incr Delay (d2), s/veh	0.0	0.0	0.7	0.0	0.0	0.9	8.9	0.0	0.0			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	0.3	0.5	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	0.0	0.7	0.0	0.0	0.9	46.6	0.0	0.0			
LnGrp LOS	A	A	A	A	A	A	D	A	A			
Approach Vol, veh/h		369			438			21				
Approach Delay, s/veh		0.6			0.9			46.6				
Approach LOS		A			A			D				
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		75.0		15.0		75.0						
Change Period (Y+Rc), s		5.0		5.0		5.0						
Max Green Setting (Gmax), s		60.0		20.0		60.0						
Max Q Clear Time (g_c+I1), s		2.0		2.0		2.0						
Green Ext Time (p_c), s		1.4		0.0		1.7						
Intersection Summary												
HCM 6th Ctrl Delay			1.9									
HCM 6th LOS			A									

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	1
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	4	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	7.0	7.0	7.0	7.0
Right Corner Size B (ft)	7.0	7.0	7.0	7.0
Right Corner Curb Radius (ft)	14.0	14.0	14.0	14.0
Right Corner Total Area (sq.ft)	6.86	6.86	6.86	6.86
Ped. Left-Right Flow Rate (p/h)	21	13	6	6
Ped. Right-Left Flow Rate (p/h)	18	7	6	6
Ped. R. Sidewalk Flow Rate (p/h)	12	12	20	39
Veh. Perm. L. Flow in Walk (v/h)	0	6	12	6
Veh. Perm. R. Flow in Walk (v/h)	6	0	21	6
Veh. RTOR Flow in Walk (v/h)	3	0	14	3
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	81.5	127.5	102.9	55.6
Right Corner Quality of Service	A	A	A	B
Ped. Circulation Area (sq.ft)	175.1	342.9	466.4	506.8
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	34.7	34.7	34.7	34.7
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.20	2.21	1.77	1.48
Pedestrian Crosswalk LOS	B	B	B	A

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	73	75	6	6
Total Flow Rate (veh/h)	369	438	21	0
Effct. Green for Bike (s)	70.0	70.0	10.0	0.0
Cross Street Width (ft)	24.2	12.1	36.1	37.0
Through Lanes Number	1	1	1	0
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	No
On Street Parking?	Yes	Yes	Yes	No
Bicycle Lane Capacity (bike/h)	1556	1556	222	0
Bicycle Delay (s/bike)	2.3	2.3	35.7	0.0
Bicycle Compliance	Good	Good	Poor	
Bicycle LOS Score	1.04	0.97	0.65	0.00
Bicycle LOS	A	A	A	



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	32	329	348	32	27	37
Future Volume (veh/h)	32	329	348	32	27	37
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00			1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1807	1475	1518	1316	1677	1561
Adj Flow Rate, veh/h	35	358	378	35	29	40
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	3	26	23	37	12	20
Cap, veh/h	828	1143	1060	98	57	78
Arrive On Green	1.00	1.00	1.00	1.00	0.09	0.09
Sat Flow, veh/h	965	1475	1369	127	618	853
Grp Volume(v), veh/h	35	358	0	413	70	0
Grp Sat Flow(s),veh/h/ln	965	1475	0	1495	1492	0
Q Serve(g_s), s	0.0	0.0	0.0	0.0	4.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	4.0	0.0
Prop In Lane	1.00			0.08	0.41	0.57
Lane Grp Cap(c), veh/h	828	1143	0	1159	137	0
V/C Ratio(X)	0.04	0.31	0.00	0.36	0.51	0.00
Avail Cap(c_a), veh/h	828	1143	0	1159	298	0
HCM Platoon Ratio	2.00	2.00	2.00	2.00	1.00	1.00
Upstream Filter(I)	0.96	0.96	0.00	0.92	1.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	38.9	0.0
Incr Delay (d2), s/veh	0.1	0.7	0.0	0.8	2.9	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.2	0.0	0.3	1.6	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.1	0.7	0.0	0.8	41.9	0.0
LnGrp LOS	A	A	A	A	D	A
Approach Vol, veh/h		393	413		70	
Approach Delay, s/veh		0.6	0.8		41.9	
Approach LOS		A	A		D	
Timer - Assigned Phs		2		4		6
Phs Duration (G+Y+Rc), s		75.7		14.3		75.7
Change Period (Y+Rc), s		6.0		6.0		6.0
Max Green Setting (Gmax), s		60.0		18.0		60.0
Max Q Clear Time (g_c+I1), s		2.0		6.0		2.0
Green Ext Time (p_c), s		1.6		0.1		1.6
Intersection Summary						
HCM 6th Ctrl Delay			4.0			
HCM 6th LOS			A			
Notes						
User approved volume balancing among the lanes for turning movement.						

Approach	EB	WB	SB
Crosswalk Length (ft)	35.0	35.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0
Total Number of Lanes Crossed	3	2	2
Number of Right-Turn Islands	0	0	0
Type of Control	Actuated	Actuated	Actuated
Corresponding Signal Phase	6	4	8
Effective Walk Time (s)	11.0	11.0	0.0
Right Corner Size A (ft)	7.0	7.0	7.0
Right Corner Size B (ft)	7.0	7.0	7.0
Right Corner Curb Radius (ft)	12.0	12.0	12.0
Right Corner Total Area (sq.ft)	18.04	18.04	18.04
Ped. Left-Right Flow Rate (p/h)	19	10	6
Ped. Right-Left Flow Rate (p/h)	42	6	6
Ped. R. Sidewalk Flow Rate (p/h)	12	12	61
Veh. Perm. L. Flow in Walk (v/h)	27	0	32
Veh. Perm. R. Flow in Walk (v/h)	0	37	0
Veh. RTOR Flow in Walk (v/h)	0	10	0
85th percentile speed (mph)	30	30	30
Right Corner Area per Ped (sq.ft)	157.1	391.0	112.5
Right Corner Quality of Service	A	A	A
Ped. Circulation Area (sq.ft)	105.1	394.0	0.0
Crosswalk Circulation Code	A	A	F
Pedestrian Delay (s/p)	34.7	34.7	45.0
Pedestrian Compliance Code	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.24	2.12	1.84
Pedestrian Crosswalk LOS	B	B	B

Approach	EB	WB	SB
Bicycle Flow Rate (bike/h)	78	76	8
Total Flow Rate (veh/h)	393	413	69
Effct. Green for Bike (s)	72.1	72.1	10.3
Cross Street Width (ft)	36.0	23.9	35.9
Through Lanes Number	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1602	1602	229
Bicycle Delay (s/bike)	1.9	1.9	35.4
Bicycle Compliance	Good	Good	Poor
Bicycle LOS Score	1.26	1.11	0.72
Bicycle LOS	A	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	9	315	6	6	374	28	6	6	6	0	0	0
Future Volume (veh/h)	9	315	6	6	374	28	6	6	6	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1489	1504	1128	1128	1518	1403	1850	407	1850			
Adj Flow Rate, veh/h	11	371	7	7	440	33	7	7	7			
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
Percent Heavy Veh, %	25	24	50	50	23	31	0	100	0			
Cap, veh/h	666	1144	22	564	1085	81	14	14	14			
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.11	0.11	0.11			
Sat Flow, veh/h	753	1471	28	623	1395	105	126	126	126			
Grp Volume(v), veh/h	11	0	378	7	0	473	21	0	0			
Grp Sat Flow(s),veh/h/ln	753	0	1499	623	0	1499	378	0	0			
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0			
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0			
Prop In Lane	1.00		0.02	1.00		0.07	0.33		0.33			
Lane Grp Cap(c), veh/h	666	0	1166	564	0	1166	42	0	0			
V/C Ratio(X)	0.02	0.00	0.32	0.01	0.00	0.41	0.50	0.00	0.00			
Avail Cap(c_a), veh/h	666	0	1166	564	0	1166	84	0	0			
HCM Platoon Ratio	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00			
Upstream Filter(l)	0.96	0.00	0.96	0.93	0.00	0.93	1.00	0.00	0.00			
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	37.6	0.0	0.0			
Incr Delay (d2), s/veh	0.0	0.0	0.7	0.0	0.0	1.0	8.9	0.0	0.0			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	0.3	0.5	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	0.0	0.7	0.0	0.0	1.0	46.6	0.0	0.0			
LnGrp LOS	A	A	A	A	A	A	D	A	A			
Approach Vol, veh/h		389			480			21				
Approach Delay, s/veh		0.7			1.0			46.6				
Approach LOS		A			A			D				
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		75.0		15.0		75.0						
Change Period (Y+Rc), s		5.0		5.0		5.0						
Max Green Setting (Gmax), s		60.0		20.0		60.0						
Max Q Clear Time (g_c+I1), s		2.0		2.0		2.0						
Green Ext Time (p_c), s		1.5		0.0		2.0						
Intersection Summary												
HCM 6th Ctrl Delay			1.9									
HCM 6th LOS			A									

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	22.0	15.0
Crosswalk Width (ft)	12.0	12.0	12.0	12.0
Total Number of Lanes Crossed	3	3	2	1
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Pretimed	Actuated
Corresponding Signal Phase	4	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	6.0	6.0	6.0	6.0
Right Corner Size B (ft)	6.0	6.0	6.0	6.0
Right Corner Curb Radius (ft)	10.0	10.0	10.0	10.0
Right Corner Total Area (sq.ft)	14.50	14.50	14.50	14.50
Ped. Left-Right Flow Rate (p/h)	21	16	6	6
Ped. Right-Left Flow Rate (p/h)	11	9	6	6
Ped. R. Sidewalk Flow Rate (p/h)	12	12	25	32
Veh. Perm. L. Flow in Walk (v/h)	0	6	9	6
Veh. Perm. R. Flow in Walk (v/h)	6	0	28	6
Veh. RTOR Flow in Walk (v/h)	3	0	15	3
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	219.9	253.1	195.1	156.3
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	427.9	548.5	861.8	814.3
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	34.7	34.7	34.7	34.7
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.22	2.23	1.77	1.49
Pedestrian Crosswalk LOS	B	B	B	A

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	66	83	6	6
Total Flow Rate (veh/h)	389	480	21	0
Effct. Green for Bike (s)	70.0	70.0	10.0	0.0
Cross Street Width (ft)	24.0	12.0	36.0	38.3
Through Lanes Number	1	1	1	0
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	4.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	7.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	No
On Street Parking?	Yes	Yes	Yes	No
Bicycle Lane Capacity (bike/h)	1556	1556	222	0
Bicycle Delay (s/bike)	2.3	2.3	35.7	0.0
Bicycle Compliance	Good	Good	Poor	
Bicycle LOS Score	1.07	1.03	1.29	0.00
Bicycle LOS	A	A	A	

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	6	315	6	6	384	17	7	6	6	12	6	9
Future Volume (veh/h)	6	315	6	6	384	17	7	6	6	12	6	9
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1850	1489	1561	1850	1547	926	1128	1128	1850	1201	1850	1489
Adj Flow Rate, veh/h	7	384	7	7	468	21	9	7	7	15	7	11
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Percent Heavy Veh, %	0	25	20	0	21	64	50	50	0	45	0	25
Cap, veh/h	738	1174	21	892	1183	53	76	38	25	100	47	45
Arrive On Green	1.00	1.00	1.00	0.81	0.81	0.81	0.08	0.08	0.08	0.08	0.08	0.08
Sat Flow, veh/h	922	1458	27	1009	1469	66	245	450	304	502	567	534
Grp Volume(v), veh/h	7	0	391	7	0	489	23	0	0	33	0	0
Grp Sat Flow(s),veh/h/ln	922	0	1484	1009	0	1535	999	0	0	1603	0	0
Q Serve(g_s), s	0.1	0.0	0.0	0.1	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	8.3	0.0	0.0	0.1	0.0	8.2	1.8	0.0	0.0	1.6	0.0	0.0
Prop In Lane	1.00		0.02	1.00		0.04	0.39		0.30	0.45		0.33
Lane Grp Cap(c), veh/h	738	0	1195	892	0	1236	139	0	0	192	0	0
V/C Ratio(X)	0.01	0.00	0.33	0.01	0.00	0.40	0.17	0.00	0.00	0.17	0.00	0.00
Avail Cap(c_a), veh/h	738	0	1195	892	0	1236	272	0	0	406	0	0
HCM Platoon Ratio	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(l)	0.95	0.00	0.95	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	0.5	0.0	0.0	1.7	0.0	2.5	38.6	0.0	0.0	38.5	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.7	0.0	0.0	0.9	0.6	0.0	0.0	0.4	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	1.8	0.5	0.0	0.0	0.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.5	0.0	0.7	1.7	0.0	3.5	39.2	0.0	0.0	38.9	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		398			496			23			33	
Approach Delay, s/veh		0.7			3.4			39.2			38.9	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		77.5		12.5		77.5		12.5				
Change Period (Y+Rc), s		5.0		5.0		5.0		5.0				
Max Green Setting (Gmax), s		60.0		20.0		60.0		20.0				
Max Q Clear Time (g_c+I1), s		10.3		3.8		10.2		3.6				
Green Ext Time (p_c), s		1.6		0.0		2.0		0.0				
Intersection Summary												
HCM 6th Ctrl Delay			4.4									
HCM 6th LOS			A									

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	22.0	22.4
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	6.0	6.0	6.0	6.0
Right Corner Size B (ft)	6.0	6.0	6.0	6.0
Right Corner Curb Radius (ft)	10.0	10.0	10.0	10.0
Right Corner Total Area (sq.ft)	14.50	14.50	14.50	14.50
Ped. Left-Right Flow Rate (p/h)	10	32	6	7
Ped. Right-Left Flow Rate (p/h)	10	27	6	7
Ped. R. Sidewalk Flow Rate (p/h)	14	12	59	20
Veh. Perm. L. Flow in Walk (v/h)	12	7	6	6
Veh. Perm. R. Flow in Walk (v/h)	6	9	17	6
Veh. RTOR Flow in Walk (v/h)	3	6	9	3
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	268.6	136.2	87.7	228.0
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	332.1	112.2	460.0	416.8
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	34.7	34.7	34.7	34.7
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.25	2.25	1.76	1.76
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	65	83	6	8
Total Flow Rate (veh/h)	398	496	23	33
Effct. Green for Bike (s)	77.9	77.9	10.1	10.1
Cross Street Width (ft)	24.1	24.3	36.3	36.0
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1731	1731	224	224
Bicycle Delay (s/bike)	0.8	0.8	35.6	35.6
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	1.08	1.25	0.65	0.66
Bicycle LOS	A	A	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	8	307	6	6	343	15	6	11	6	12	6	12
Future Volume (veh/h)	8	307	6	6	343	15	6	11	6	12	6	12
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1648	1677	407	1850	1662	1547	407	696	407	1720	407	1850
Adj Flow Rate, veh/h	9	327	6	6	365	16	6	12	6	13	6	13
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	14	12	100	0	13	21	100	80	100	9	100	0
Cap, veh/h	750	1318	24	878	1269	56	54	34	14	61	10	12
Arrive On Green	0.80	0.80	0.80	0.80	0.80	0.80	0.08	0.08	0.08	0.08	0.08	0.08
Sat Flow, veh/h	907	1641	30	1064	1581	69	85	422	169	95	118	146
Grp Volume(v), veh/h	9	0	333	6	0	381	24	0	0	32	0	0
Grp Sat Flow(s),veh/h/ln	907	0	1671	1064	0	1650	676	0	0	358	0	0
Q Serve(g_s), s	0.2	0.0	4.7	0.1	0.0	5.6	0.0	0.0	0.0	4.5	0.0	0.0
Cycle Q Clear(g_c), s	5.9	0.0	4.7	4.8	0.0	5.6	3.3	0.0	0.0	7.7	0.0	0.0
Prop In Lane	1.00		0.02	1.00		0.04	0.25		0.25	0.41		0.41
Lane Grp Cap(c), veh/h	750	0	1342	878	0	1325	102	0	0	82	0	0
V/C Ratio(X)	0.01	0.00	0.25	0.01	0.00	0.29	0.23	0.00	0.00	0.39	0.00	0.00
Avail Cap(c_a), veh/h	750	0	1342	878	0	1325	202	0	0	137	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(l)	1.00	0.00	1.00	0.94	0.00	0.94	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	3.1	0.0	2.3	2.9	0.0	2.4	41.6	0.0	0.0	43.9	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.4	0.0	0.0	0.5	1.2	0.0	0.0	3.0	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	1.1	0.0	0.0	1.3	0.6	0.0	0.0	0.8	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	3.2	0.0	2.7	2.9	0.0	2.9	42.8	0.0	0.0	46.9	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		342			387			24			32	
Approach Delay, s/veh		2.8			2.9			42.8			46.9	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		82.3		12.7		82.3		12.7				
Change Period (Y+Rc), s		6.0		5.0		6.0		5.0				
Max Green Setting (Gmax), s		61.0		23.0		61.0		23.0				
Max Q Clear Time (g_c+I1), s		7.9		5.3		7.6		9.7				
Green Ext Time (p_c), s		1.3		0.0		1.5		0.0				
Intersection Summary												
HCM 6th Ctrl Delay				5.9								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	23	11	32	8
Ped. Right-Left Flow Rate (p/h)	21	13	19	8
Ped. R. Sidewalk Flow Rate (p/h)	16	51	24	44
Veh. Perm. L. Flow in Walk (v/h)	12	6	8	6
Veh. Perm. R. Flow in Walk (v/h)	6	12	15	6
Veh. RTOR Flow in Walk (v/h)	3	10	9	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	104.5	143.8	127.9	121.3
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	141.8	261.2	106.3	358.7
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	37.1	37.1	37.1	37.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.20	2.20	1.76	1.76
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	35	42	9	6
Total Flow Rate (veh/h)	342	387	24	32
Effct. Green for Bike (s)	82.1	82.1	10.3	10.3
Cross Street Width (ft)	24.1	24.1	36.2	36.1
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1728	1728	217	217
Bicycle Delay (s/bike)	0.9	0.9	37.9	37.9
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	0.99	1.07	0.65	0.66
Bicycle LOS	A	A	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	26	373	6	8	388	77	6	12	12	27	6	10
Future Volume (veh/h)	26	373	6	8	388	77	6	12	12	27	6	10
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1850	1677	739	1648	1677	1706	1850	667	1056	1677	407	1691
Adj Flow Rate, veh/h	28	397	6	9	413	82	6	13	13	29	6	11
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	0	12	77	14	12	10	0	82	55	12	100	11
Cap, veh/h	755	1221	18	734	1007	200	53	41	34	88	9	11
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.13	0.13	0.13	0.13	0.13	0.13
Sat Flow, veh/h	917	1647	25	889	1359	270	59	313	254	198	69	84
Grp Volume(v), veh/h	28	0	403	9	0	495	32	0	0	46	0	0
Grp Sat Flow(s),veh/h/ln	917	0	1672	889	0	1628	626	0	0	351	0	0
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	12.4	0.0	0.0
Prop In Lane	1.00		0.01	1.00		0.17	0.19		0.41	0.63		0.24
Lane Grp Cap(c), veh/h	755	0	1239	734	0	1207	128	0	0	108	0	0
V/C Ratio(X)	0.04	0.00	0.33	0.01	0.00	0.41	0.25	0.00	0.00	0.42	0.00	0.00
Avail Cap(c_a), veh/h	755	0	1239	734	0	1207	174	0	0	134	0	0
HCM Platoon Ratio	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.98	0.00	0.98	0.94	0.00	0.94	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	37.7	0.0	0.0	40.8	0.0	0.0
Incr Delay (d2), s/veh	0.1	0.0	0.7	0.0	0.0	1.0	1.0	0.0	0.0	2.6	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	0.3	0.7	0.0	0.0	1.1	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.1	0.0	0.7	0.0	0.0	1.0	38.7	0.0	0.0	43.5	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		431			504			32			46	
Approach Delay, s/veh		0.6			1.0			38.7			43.5	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		76.4		18.6		76.4		18.6				
Change Period (Y+Rc), s		6.0		6.0		6.0		6.0				
Max Green Setting (Gmax), s		63.0		20.0		63.0		20.0				
Max Q Clear Time (g_c+I1), s		2.0		6.5		2.0		14.4				
Green Ext Time (p_c), s		1.7		0.0		2.1		0.0				
Intersection Summary												
HCM 6th Ctrl Delay				3.9								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	19	12	18	34
Ped. Right-Left Flow Rate (p/h)	29	21	37	11
Ped. R. Sidewalk Flow Rate (p/h)	45	55	33	48
Veh. Perm. L. Flow in Walk (v/h)	27	6	26	8
Veh. Perm. R. Flow in Walk (v/h)	12	10	77	6
Veh. RTOR Flow in Walk (v/h)	4	5	50	3
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	80.2	86.5	97.4	89.8
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	121.9	190.5	65.2	125.0
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	37.1	37.1	37.1	37.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.27	2.26	1.85	1.82
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	40	48	15	6
Total Flow Rate (veh/h)	431	504	32	46
Effct. Green for Bike (s)	81.3	81.3	10.5	10.5
Cross Street Width (ft)	24.2	24.2	36.1	36.2
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1712	1712	221	221
Bicycle Delay (s/bike)	1.0	1.0	37.9	37.7
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	1.14	1.26	0.66	0.69
Bicycle LOS	A	A	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	12	416	8	13	461	19	6	8	13	14	10	9
Future Volume (veh/h)	12	416	8	13	461	19	6	8	13	14	10	9
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1850	1662	1850	1735	1662	1533	1850	1027	1605	1735	1691	1850
Adj Flow Rate, veh/h	12	433	8	14	480	20	6	8	14	15	10	9
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	0	13	0	8	13	22	0	57	17	8	11	0
Cap, veh/h	805	1301	24	798	1267	53	54	31	39	93	54	33
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.08	0.08	0.08	0.08	0.08	0.08
Sat Flow, veh/h	912	1627	30	903	1585	66	92	366	458	455	641	395
Grp Volume(v), veh/h	12	0	441	14	0	500	28	0	0	34	0	0
Grp Sat Flow(s),veh/h/ln	912	0	1657	903	0	1651	917	0	0	1491	0	0
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	1.9	0.0	0.0
Prop In Lane	1.00		0.02	1.00		0.04	0.21		0.50	0.44		0.26
Lane Grp Cap(c), veh/h	805	0	1325	798	0	1320	124	0	0	181	0	0
V/C Ratio(X)	0.01	0.00	0.33	0.02	0.00	0.38	0.23	0.00	0.00	0.19	0.00	0.00
Avail Cap(c_a), veh/h	805	0	1325	798	0	1320	236	0	0	361	0	0
HCM Platoon Ratio	2.00	2.00	2.00	1.33	1.33	1.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(l)	0.97	0.00	0.97	0.95	0.00	0.95	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0	40.6	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.7	0.0	0.0	0.8	0.9	0.0	0.0	0.5	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	0.3	0.6	0.0	0.0	0.8	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	0.0	0.7	0.0	0.0	0.8	41.9	0.0	0.0	41.1	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		453			514			28			34	
Approach Delay, s/veh		0.6			0.8			41.9			41.1	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		81.9		13.1		81.9		13.1				
Change Period (Y+Rc), s		6.0		5.0		6.0		5.0				
Max Green Setting (Gmax), s		64.0		20.0		64.0		20.0				
Max Q Clear Time (g_c+I1), s		2.0		4.7		2.0		3.9				
Green Ext Time (p_c), s		1.8		0.0		2.1		0.0				
Intersection Summary												
HCM 6th Ctrl Delay				3.2								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	18	16	6	8
Ped. Right-Left Flow Rate (p/h)	28	23	14	48
Ped. R. Sidewalk Flow Rate (p/h)	56	20	29	46
Veh. Perm. L. Flow in Walk (v/h)	14	6	12	13
Veh. Perm. R. Flow in Walk (v/h)	13	9	19	8
Veh. RTOR Flow in Walk (v/h)	5	5	10	5
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	102.3	109.7	143.9	74.3
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	132.0	161.5	264.4	96.8
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	37.1	37.1	37.1	37.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.28	2.28	1.78	1.78
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	49	53	6	6
Total Flow Rate (veh/h)	453	514	28	34
Effct. Green for Bike (s)	82.4	82.4	10.0	10.0
Cross Street Width (ft)	24.0	24.1	36.0	36.0
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1735	1735	211	211
Bicycle Delay (s/bike)	0.9	0.9	38.1	38.1
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	1.17	1.28	0.66	0.67
Bicycle LOS	A	A	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	9	392	6	6	419	16	6	6	6	0	0	0
Future Volume (veh/h)	9	392	6	6	419	16	6	6	6	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1850	1677	1374	1850	1735	1374	1128	407	1850			
Adj Flow Rate, veh/h	9	408	6	6	436	17	6	6	6			
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96			
Percent Heavy Veh, %	0	12	33	0	8	33	50	100	0			
Cap, veh/h	808	1267	19	835	1274	50	13	13	13			
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.11	0.11	0.11			
Sat Flow, veh/h	953	1648	24	988	1658	65	126	126	126			
Grp Volume(v), veh/h	9	0	414	6	0	453	18	0	0			
Grp Sat Flow(s),veh/h/ln	953	0	1672	988	0	1723	378	0	0			
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0			
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0			
Prop In Lane	1.00		0.01	1.00		0.04	0.33		0.33			
Lane Grp Cap(c), veh/h	808	0	1285	835	0	1324	40	0	0			
V/C Ratio(X)	0.01	0.00	0.32	0.01	0.00	0.34	0.45	0.00	0.00			
Avail Cap(c_a), veh/h	808	0	1285	835	0	1324	80	0	0			
HCM Platoon Ratio	1.33	1.33	1.33	1.33	1.33	1.33	1.00	1.00	1.00			
Upstream Filter(I)	0.96	0.00	0.96	0.94	0.00	0.94	1.00	0.00	0.00			
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	39.9	0.0	0.0			
Incr Delay (d2), s/veh	0.0	0.0	0.6	0.0	0.0	0.7	7.8	0.0	0.0			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	0.2	0.5	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	0.0	0.6	0.0	0.0	0.7	47.8	0.0	0.0			
LnGrp LOS	A	A	A	A	A	A	D	A	A			
Approach Vol, veh/h		423			459			18				
Approach Delay, s/veh		0.6			0.7			47.8				
Approach LOS		A			A			D				
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		79.0		16.0		79.0						
Change Period (Y+Rc), s		* 6		6.0		6.0						
Max Green Setting (Gmax), s		* 64		20.0		63.0						
Max Q Clear Time (g_c+I1), s		2.0		2.0		2.0						
Green Ext Time (p_c), s		1.6		0.0		1.8						
Intersection Summary												
HCM 6th Ctrl Delay			1.6									
HCM 6th LOS			A									
Notes												
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.												

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	1
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	4	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	6	6	6	6
Ped. Right-Left Flow Rate (p/h)	6	6	6	6
Ped. R. Sidewalk Flow Rate (p/h)	12	12	12	12
Veh. Perm. L. Flow in Walk (v/h)	0	6	9	6
Veh. Perm. R. Flow in Walk (v/h)	6	0	16	6
Veh. RTOR Flow in Walk (v/h)	3	0	10	2
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	375.0	375.0	375.0	375.0
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	542.0	542.0	453.8	478.8
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	37.1	37.1	37.1	37.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.23	2.23	1.76	1.47
Pedestrian Crosswalk LOS	B	B	B	A

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	39	34	6	6
Total Flow Rate (veh/h)	423	459	18	0
Effct. Green for Bike (s)	74.0	73.0	10.0	0.0
Cross Street Width (ft)	24.0	12.0	35.8	38.6
Through Lanes Number	1	1	1	0
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1558	1537	211	0
Bicycle Delay (s/bike)	2.4	2.6	38.1	0.0
Bicycle Compliance	Good	Good	Poor	
Bicycle LOS Score	1.12	1.00	0.64	0.00
Bicycle LOS	A	A	A	

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	13	397	6	6	425	23	6	7	7	0	0	0
Future Volume (veh/h)	13	397	6	6	425	23	6	7	7	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1374	1720	768	1850	1706	1850	1850	1605	1605			
Adj Flow Rate, veh/h	14	414	6	6	443	24	6	7	7			
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96			
Percent Heavy Veh, %	33	9	75	0	10	0	0	17	17			
Cap, veh/h	627	1335	19	851	1266	69	47	55	55			
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.11	0.11	0.11			
Sat Flow, veh/h	698	1691	25	982	1603	87	447	521	521			
Grp Volume(v), veh/h	14	0	420	6	0	467	20	0	0			
Grp Sat Flow(s),veh/h/ln	698	0	1716	982	0	1690	1489	0	0			
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0			
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0			
Prop In Lane	1.00		0.01	1.00		0.05	0.30		0.35			
Lane Grp Cap(c), veh/h	627	0	1355	851	0	1334	157	0	0			
V/C Ratio(X)	0.02	0.00	0.31	0.01	0.00	0.35	0.13	0.00	0.00			
Avail Cap(c_a), veh/h	627	0	1355	851	0	1334	313	0	0			
HCM Platoon Ratio	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00			
Upstream Filter(l)	0.96	0.00	0.96	0.94	0.00	0.94	1.00	0.00	0.00			
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	38.5	0.0	0.0			
Incr Delay (d2), s/veh	0.1	0.0	0.6	0.0	0.0	0.7	0.4	0.0	0.0			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	0.3	0.4	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.1	0.0	0.6	0.0	0.0	0.7	38.9	0.0	0.0			
LnGrp LOS	A	A	A	A	A	A	D	A	A			
Approach Vol, veh/h		434			473			20				
Approach Delay, s/veh		0.6			0.7			38.9				
Approach LOS		A			A			D				
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		80.0		15.0		80.0						
Change Period (Y+Rc), s		5.0		5.0		5.0						
Max Green Setting (Gmax), s		65.0		20.0		65.0						
Max Q Clear Time (g_c+I1), s		2.0		2.0		2.0						
Green Ext Time (p_c), s		1.7		0.0		1.9						
Intersection Summary												
HCM 6th Ctrl Delay			1.4									
HCM 6th LOS			A									

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	1
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	4	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	7.0	7.0	7.0	7.0
Right Corner Size B (ft)	7.0	7.0	7.0	7.0
Right Corner Curb Radius (ft)	14.0	14.0	14.0	14.0
Right Corner Total Area (sq.ft)	6.86	6.86	6.86	6.86
Ped. Left-Right Flow Rate (p/h)	36	9	6	7
Ped. Right-Left Flow Rate (p/h)	7	7	6	11
Ped. R. Sidewalk Flow Rate (p/h)	18	12	16	43
Veh. Perm. L. Flow in Walk (v/h)	0	6	13	6
Veh. Perm. R. Flow in Walk (v/h)	7	0	23	6
Veh. RTOR Flow in Walk (v/h)	3	0	15	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	76.3	120.1	124.5	38.4
Right Corner Quality of Service	A	A	A	C
Ped. Circulation Area (sq.ft)	149.0	406.1	432.6	318.6
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	37.1	37.1	37.1	37.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.23	2.24	1.77	1.48
Pedestrian Crosswalk LOS	B	B	B	A

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	39	35	6	6
Total Flow Rate (veh/h)	434	473	20	0
Effct. Green for Bike (s)	75.0	75.0	10.0	0.0
Cross Street Width (ft)	24.2	12.1	36.1	37.0
Through Lanes Number	1	1	1	0
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	No
On Street Parking?	Yes	Yes	Yes	No
Bicycle Lane Capacity (bike/h)	1579	1579	211	0
Bicycle Delay (s/bike)	2.1	2.1	38.1	0.0
Bicycle Compliance	Good	Good	Poor	
Bicycle LOS Score	1.15	1.02	0.64	0.00
Bicycle LOS	A	A	A	



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	77	514	382	40	48	44
Future Volume (veh/h)	77	514	382	40	48	44
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1677	1691	1706	1605	1749	1706
Adj Flow Rate, veh/h	83	553	411	43	52	47
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	12	11	10	17	7	10
Cap, veh/h	739	1300	1167	122	86	78
Arrive On Green	1.00	1.00	1.00	1.00	0.11	0.11
Sat Flow, veh/h	863	1691	1518	159	819	740
Grp Volume(v), veh/h	83	553	0	454	100	0
Grp Sat Flow(s),veh/h/ln	863	1691	0	1677	1575	0
Q Serve(g_s), s	0.0	0.0	0.0	0.0	5.8	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	5.8	0.0
Prop In Lane	1.00			0.09	0.52	0.47
Lane Grp Cap(c), veh/h	739	1300	0	1289	166	0
V/C Ratio(X)	0.11	0.43	0.00	0.35	0.60	0.00
Avail Cap(c_a), veh/h	739	1300	0	1289	365	0
HCM Platoon Ratio	2.00	2.00	2.00	2.00	1.00	1.00
Upstream Filter(I)	0.96	0.96	0.00	0.95	1.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	40.6	0.0
Incr Delay (d2), s/veh	0.3	1.0	0.0	0.7	3.5	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.1	0.4	0.0	0.3	2.4	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.3	1.0	0.0	0.7	44.1	0.0
LnGrp LOS	A	A	A	A	D	A
Approach Vol, veh/h		636	454		100	
Approach Delay, s/veh		0.9	0.7		44.1	
Approach LOS		A	A		D	
Timer - Assigned Phs		2		4		6
Phs Duration (G+Y+Rc), s		79.0		16.0		79.0
Change Period (Y+Rc), s		6.0		6.0		6.0
Max Green Setting (Gmax), s		61.0		22.0		61.0
Max Q Clear Time (g_c+I1), s		2.0		7.8		2.0
Green Ext Time (p_c), s		2.9		0.2		1.8
Intersection Summary						
HCM 6th Ctrl Delay			4.5			
HCM 6th LOS			A			
Notes						
User approved volume balancing among the lanes for turning movement.						

Approach	EB	WB	SB
Crosswalk Length (ft)	35.0	35.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0
Total Number of Lanes Crossed	3	2	2
Number of Right-Turn Islands	0	0	0
Type of Control	Actuated	Actuated	Actuated
Corresponding Signal Phase	6	4	8
Effective Walk Time (s)	11.0	11.0	0.0
Right Corner Size A (ft)	7.0	7.0	7.0
Right Corner Size B (ft)	7.0	7.0	7.0
Right Corner Curb Radius (ft)	12.0	12.0	12.0
Right Corner Total Area (sq.ft)	18.04	18.04	18.04
Ped. Left-Right Flow Rate (p/h)	12	6	6
Ped. Right-Left Flow Rate (p/h)	6	9	17
Ped. R. Sidewalk Flow Rate (p/h)	23	23	15
Veh. Perm. L. Flow in Walk (v/h)	45	0	65
Veh. Perm. R. Flow in Walk (v/h)	0	41	38
Veh. RTOR Flow in Walk (v/h)	0	20	20
85th percentile speed (mph)	30	30	30
Right Corner Area per Ped (sq.ft)	280.0	253.5	262.0
Right Corner Quality of Service	A	A	A
Ped. Circulation Area (sq.ft)	321.4	391.0	0.0
Crosswalk Circulation Code	A	A	F
Pedestrian Delay (s/p)	37.1	37.1	47.5
Pedestrian Compliance Code	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.36	2.26	1.96
Pedestrian Crosswalk LOS	B	B	B

Approach	EB	WB	SB
Bicycle Flow Rate (bike/h)	50	31	6
Total Flow Rate (veh/h)	636	454	99
Effct. Green for Bike (s)	72.1	72.1	10.9
Cross Street Width (ft)	36.0	23.9	35.9
Through Lanes Number	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1518	1518	229
Bicycle Delay (s/bike)	2.8	2.8	37.3
Bicycle Compliance	Good	Good	Poor
Bicycle LOS Score	1.66	1.17	0.77
Bicycle LOS	B	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	34	450	6	6	436	32	6	6	6	0	0	0
Future Volume (veh/h)	34	450	6	6	436	32	6	6	6	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1533	1735	883	1128	1691	1706	1850	1850	1273			
Adj Flow Rate, veh/h	37	484	6	6	469	34	6	6	6			
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93			
Percent Heavy Veh, %	22	8	67	50	11	10	0	0	40			
Cap, veh/h	720	1462	18	556	1332	97	23	23	23			
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.04	0.04	0.04			
Sat Flow, veh/h	754	1710	21	562	1558	113	573	573	573			
Grp Volume(v), veh/h	37	0	490	6	0	503	18	0	0			
Grp Sat Flow(s),veh/h/ln	754	0	1731	562	0	1671	1718	0	0			
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0			
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0			
Prop In Lane	1.00		0.01	1.00		0.07	0.33		0.33			
Lane Grp Cap(c), veh/h	720	0	1480	556	0	1429	68	0	0			
V/C Ratio(X)	0.05	0.00	0.33	0.01	0.00	0.35	0.26	0.00	0.00			
Avail Cap(c_a), veh/h	720	0	1480	556	0	1429	416	0	0			
HCM Platoon Ratio	1.33	1.33	1.33	2.00	2.00	2.00	1.00	1.00	1.00			
Upstream Filter(l)	0.90	0.00	0.90	0.95	0.00	0.95	1.00	0.00	0.00			
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	44.3	0.0	0.0			
Incr Delay (d2), s/veh	0.1	0.0	0.5	0.0	0.0	0.6	2.0	0.0	0.0			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	0.3	0.4	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.1	0.0	0.5	0.0	0.0	0.6	46.3	0.0	0.0			
LnGrp LOS	A	A	A	A	A	A	D	A	A			
Approach Vol, veh/h		527			509			18				
Approach Delay, s/veh		0.5			0.6			46.3				
Approach LOS		A			A			D				
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		86.2		8.8		86.2						
Change Period (Y+Rc), s		5.0		5.0		5.0						
Max Green Setting (Gmax), s		62.0		23.0		62.0						
Max Q Clear Time (g_c+I1), s		2.0		2.0		2.0						
Green Ext Time (p_c), s		2.2		0.0		2.1						
Intersection Summary												
HCM 6th Ctrl Delay			1.4									
HCM 6th LOS			A									

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	22.0	15.0
Crosswalk Width (ft)	12.0	12.0	12.0	12.0
Total Number of Lanes Crossed	3	3	2	1
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Pretimed	Actuated
Corresponding Signal Phase	4	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	6.0	6.0	6.0	6.0
Right Corner Size B (ft)	6.0	6.0	6.0	6.0
Right Corner Curb Radius (ft)	10.0	10.0	10.0	10.0
Right Corner Total Area (sq.ft)	14.50	14.50	14.50	14.50
Ped. Left-Right Flow Rate (p/h)	13	6	9	6
Ped. Right-Left Flow Rate (p/h)	14	14	6	6
Ped. R. Sidewalk Flow Rate (p/h)	12	15	20	27
Veh. Perm. L. Flow in Walk (v/h)	0	6	34	6
Veh. Perm. R. Flow in Walk (v/h)	6	0	32	6
Veh. RTOR Flow in Walk (v/h)	4	0	20	3
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	221.9	257.9	227.1	184.4
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	480.6	649.3	548.4	767.9
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	37.1	37.1	37.1	37.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.27	2.28	1.81	1.51
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	33	44	6	6
Total Flow Rate (veh/h)	527	509	18	0
Effct. Green for Bike (s)	87.0	87.0	10.0	0.0
Cross Street Width (ft)	24.0	12.0	36.0	38.3
Through Lanes Number	1	1	1	0
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	4.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	7.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	No
On Street Parking?	Yes	Yes	Yes	No
Bicycle Lane Capacity (bike/h)	1832	1832	211	0
Bicycle Delay (s/bike)	0.3	0.3	38.1	0.0
Bicycle Compliance	Good	Good	Poor	
Bicycle LOS Score	1.30	1.08	1.28	0.00
Bicycle LOS	A	A	A	

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	6	448	7	6	453	15	6	6	6	12	6	6
Future Volume (veh/h)	6	448	7	6	453	15	6	6	6	12	6	6
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1850	1720	883	1850	1691	1749	1850	407	1850	1850	407	1850
Adj Flow Rate, veh/h	6	477	7	6	482	16	6	6	6	13	6	6
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	0	9	67	0	11	7	0	100	0	0	100	0
Cap, veh/h	760	1392	20	838	1340	44	56	13	9	68	10	6
Arrive On Green	1.00	1.00	1.00	0.82	0.82	0.82	0.07	0.07	0.07	0.07	0.07	0.07
Sat Flow, veh/h	914	1691	25	926	1628	54	73	186	130	144	140	90
Grp Volume(v), veh/h	6	0	484	6	0	498	18	0	0	25	0	0
Grp Sat Flow(s),veh/h/ln	914	0	1716	926	0	1682	389	0	0	374	0	0
Q Serve(g_s), s	0.1	0.0	0.0	0.1	0.0	7.1	0.0	0.0	0.0	2.0	0.0	0.0
Cycle Q Clear(g_c), s	7.1	0.0	0.0	0.1	0.0	7.1	4.3	0.0	0.0	6.3	0.0	0.0
Prop In Lane	1.00		0.01	1.00		0.03	0.33		0.33	0.52		0.24
Lane Grp Cap(c), veh/h	760	0	1413	838	0	1384	78	0	0	84	0	0
V/C Ratio(X)	0.01	0.00	0.34	0.01	0.00	0.36	0.23	0.00	0.00	0.30	0.00	0.00
Avail Cap(c_a), veh/h	760	0	1413	838	0	1384	149	0	0	153	0	0
HCM Platoon Ratio	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.96	0.00	0.96	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	0.3	0.0	0.0	1.5	0.0	2.1	43.0	0.0	0.0	43.8	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.6	0.0	0.0	0.7	1.5	0.0	0.0	1.9	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.2	0.0	0.0	1.5	0.4	0.0	0.0	0.6	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.3	0.0	0.6	1.5	0.0	2.8	44.4	0.0	0.0	45.7	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		490			504			18			25	
Approach Delay, s/veh		0.6			2.8			44.4			45.7	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		83.2		11.8		83.2		11.8				
Change Period (Y+Rc), s		5.0		5.0		5.0		5.0				
Max Green Setting (Gmax), s		59.0		26.0		59.0		26.0				
Max Q Clear Time (g_c+I1), s		9.1		6.3		9.1		8.3				
Green Ext Time (p_c), s		1.9		0.0		2.0		0.0				
Intersection Summary												
HCM 6th Ctrl Delay				3.5								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	22.0	22.4
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	6.0	6.0	6.0	6.0
Right Corner Size B (ft)	6.0	6.0	6.0	6.0
Right Corner Curb Radius (ft)	10.0	10.0	10.0	10.0
Right Corner Total Area (sq.ft)	14.50	14.50	14.50	14.50
Ped. Left-Right Flow Rate (p/h)	9	9	6	6
Ped. Right-Left Flow Rate (p/h)	17	12	10	6
Ped. R. Sidewalk Flow Rate (p/h)	12	16	18	26
Veh. Perm. L. Flow in Walk (v/h)	12	6	6	6
Veh. Perm. R. Flow in Walk (v/h)	6	6	15	7
Veh. RTOR Flow in Walk (v/h)	4	4	10	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	221.9	249.3	221.2	193.0
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	240.8	303.8	327.5	457.4
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	37.1	37.1	37.1	37.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.29	2.28	1.76	1.76
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	35	38	6	6
Total Flow Rate (veh/h)	490	504	18	25
Effct. Green for Bike (s)	87.0	87.0	10.0	10.0
Cross Street Width (ft)	24.1	24.3	36.3	36.0
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	7.0	7.0	7.0	7.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1832	1832	211	211
Bicycle Delay (s/bike)	0.3	0.3	38.1	38.1
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	1.24	1.26	0.64	0.65
Bicycle LOS	A	A	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	14	517	10	7	503	32	6	9	6	26	7	19
Future Volume (veh/h)	14	517	10	7	503	32	6	9	6	26	7	19
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1518	1244	883	1850	1316	1561	407	1128	1850	1850	1850	1201
Adj Flow Rate, veh/h	16	588	11	8	572	36	7	10	7	30	8	22
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Percent Heavy Veh, %	23	42	67	0	37	20	100	50	0	0	0	45
Cap, veh/h	616	984	18	592	990	62	59	49	26	104	34	50
Arrive On Green	0.81	0.81	0.81	1.00	1.00	1.00	0.09	0.09	0.09	0.09	0.09	0.09
Sat Flow, veh/h	677	1217	23	833	1225	77	166	558	298	604	392	577
Grp Volume(v), veh/h	16	0	599	8	0	608	24	0	0	60	0	0
Grp Sat Flow(s),veh/h/ln	677	0	1240	833	0	1302	1022	0	0	1573	0	0
Q Serve(g_s), s	0.5	0.0	18.8	0.2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0
Cycle Q Clear(g_c), s	0.5	0.0	18.8	19.0	0.0	0.0	2.2	0.0	0.0	3.6	0.0	0.0
Prop In Lane	1.00		0.02	1.00		0.06	0.29		0.29	0.50		0.37
Lane Grp Cap(c), veh/h	616	0	1002	592	0	1052	133	0	0	188	0	0
V/C Ratio(X)	0.03	0.00	0.60	0.01	0.00	0.58	0.18	0.00	0.00	0.32	0.00	0.00
Avail Cap(c_a), veh/h	616	0	1002	592	0	1052	216	0	0	316	0	0
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(l)	1.00	0.00	1.00	0.74	0.00	0.74	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	2.0	0.0	3.7	2.1	0.0	0.0	44.8	0.0	0.0	45.4	0.0	0.0
Incr Delay (d2), s/veh	0.1	0.0	2.6	0.0	0.0	1.7	0.6	0.0	0.0	1.0	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.1	0.0	3.9	0.0	0.0	0.5	0.6	0.0	0.0	1.5	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	2.1	0.0	6.4	2.1	0.0	1.7	45.4	0.0	0.0	46.3	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		615			616			24			60	
Approach Delay, s/veh		6.3			1.7			45.4			46.3	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		90.9		14.1		90.9		14.1				
Change Period (Y+Rc), s		6.0		5.0		6.0		5.0				
Max Green Setting (Gmax), s		76.0		18.0		76.0		18.0				
Max Q Clear Time (g_c+I1), s		20.8		4.2		21.0		5.6				
Green Ext Time (p_c), s		2.9		0.0		2.8		0.1				
Intersection Summary												
HCM 6th Ctrl Delay				6.7								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	24	23	33	11
Ped. Right-Left Flow Rate (p/h)	52	30	7	11
Ped. R. Sidewalk Flow Rate (p/h)	22	40	53	76
Veh. Perm. L. Flow in Walk (v/h)	12	6	8	6
Veh. Perm. R. Flow in Walk (v/h)	6	12	15	6
Veh. RTOR Flow in Walk (v/h)	4	10	10	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	69.5	103.5	85.5	70.2
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	73.0	105.5	121.1	234.2
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	42.1	42.1	42.1	42.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.37	2.37	1.77	1.80
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	221	189	6	6
Total Flow Rate (veh/h)	615	616	24	60
Effct. Green for Bike (s)	87.4	87.4	10.8	10.8
Cross Street Width (ft)	24.1	24.1	36.2	36.1
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	5.0	5.0	5.0	5.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1665	1665	206	206
Bicycle Delay (s/bike)	1.7	1.6	42.4	42.4
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	1.87	1.87	1.08	1.14
Bicycle LOS	B	B	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	41	560	11	8	536	109	9	10	7	37	13	14
Future Volume (veh/h)	41	560	11	8	536	109	9	10	7	37	13	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1634	1345	984	1850	1345	1475	1850	1533	1128	1186	407	1287
Adj Flow Rate, veh/h	44	596	12	9	570	116	10	11	7	39	14	15
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	15	35	60	0	35	26	0	22	50	46	100	39
Cap, veh/h	553	938	19	658	775	158	107	104	55	84	15	13
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.17	0.17	0.17	0.17	0.17	0.17
Sat Flow, veh/h	678	1314	26	826	1085	221	353	604	319	177	89	75
Grp Volume(v), veh/h	44	0	608	9	0	686	28	0	0	68	0	0
Grp Sat Flow(s),veh/h/ln	678	0	1340	826	0	1305	1277	0	0	340	0	0
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	18.0	0.0	0.0
Prop In Lane	1.00		0.02	1.00		0.17	0.36		0.25	0.57		0.22
Lane Grp Cap(c), veh/h	553	0	957	658	0	932	265	0	0	112	0	0
V/C Ratio(X)	0.08	0.00	0.64	0.01	0.00	0.74	0.11	0.00	0.00	0.61	0.00	0.00
Avail Cap(c_a), veh/h	553	0	957	658	0	932	265	0	0	112	0	0
HCM Platoon Ratio	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(l)	0.81	0.00	0.81	0.74	0.00	0.74	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	36.7	0.0	0.0	44.7	0.0	0.0
Incr Delay (d2), s/veh	0.2	0.0	2.6	0.0	0.0	3.9	0.2	0.0	0.0	8.9	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.7	0.0	0.0	1.0	0.6	0.0	0.0	2.1	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.2	0.0	2.6	0.0	0.0	3.9	36.9	0.0	0.0	53.6	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		652			695			28			68	
Approach Delay, s/veh		2.4			3.8			36.9			53.6	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		81.0		24.0		81.0		24.0				
Change Period (Y+Rc), s		6.0		6.0		6.0		6.0				
Max Green Setting (Gmax), s		75.0		18.0		75.0		18.0				
Max Q Clear Time (g_c+I1), s		2.0		3.7		2.0		20.0				
Green Ext Time (p_c), s		3.2		0.0		3.4		0.0				
Intersection Summary												
HCM 6th Ctrl Delay				6.2								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	28	40	46	36
Ped. Right-Left Flow Rate (p/h)	52	40	25	60
Ped. R. Sidewalk Flow Rate (p/h)	96	71	80	80
Veh. Perm. L. Flow in Walk (v/h)	27	6	26	8
Veh. Perm. R. Flow in Walk (v/h)	12	10	77	6
Veh. RTOR Flow in Walk (v/h)	5	5	45	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	36.0	40.7	46.1	36.8
Right Corner Quality of Service	C	B	B	C
Ped. Circulation Area (sq.ft)	64.6	69.9	42.3	51.8
Crosswalk Circulation Code	A	A	B	B
Pedestrian Delay (s/p)	42.1	42.1	42.1	42.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.40	2.40	1.85	1.86
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	205	213	6	35
Total Flow Rate (veh/h)	652	695	28	68
Effct. Green for Bike (s)	84.6	84.6	12.8	12.8
Cross Street Width (ft)	24.2	24.2	36.1	36.2
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	5.0	5.0	5.0	5.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1611	1611	244	244
Bicycle Delay (s/bike)	2.2	2.2	40.6	41.2
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	1.93	2.00	1.09	1.15
Bicycle LOS	B	B	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	13	597	16	14	608	28	6	6	19	26	11	20
Future Volume (veh/h)	13	597	16	14	608	28	6	6	19	26	11	20
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1720	1388	1460	1518	1359	1792	1850	1561	1605	1792	1850	1460
Adj Flow Rate, veh/h	15	678	18	16	691	32	7	7	22	30	12	23
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Percent Heavy Veh, %	9	32	27	23	34	4	0	20	17	4	0	27
Cap, veh/h	624	1084	29	571	1038	48	52	37	76	99	43	51
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.09	0.09	0.09	0.09	0.09	0.09
Sat Flow, veh/h	690	1346	36	624	1289	60	125	408	837	545	480	561
Grp Volume(v), veh/h	15	0	696	16	0	723	36	0	0	65	0	0
Grp Sat Flow(s),veh/h/ln	690	0	1382	624	0	1349	1370	0	0	1586	0	0
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	3.9	0.0	0.0
Prop In Lane	1.00		0.03	1.00		0.04	0.19		0.61	0.46		0.35
Lane Grp Cap(c), veh/h	624	0	1112	571	0	1086	165	0	0	193	0	0
V/C Ratio(X)	0.02	0.00	0.63	0.03	0.00	0.67	0.22	0.00	0.00	0.34	0.00	0.00
Avail Cap(c_a), veh/h	624	0	1112	571	0	1086	273	0	0	317	0	0
HCM Platoon Ratio	2.00	2.00	2.00	1.33	1.33	1.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(l)	0.81	0.00	0.81	0.86	0.00	0.86	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	44.6	0.0	0.0	45.2	0.0	0.0
Incr Delay (d2), s/veh	0.1	0.0	2.2	0.1	0.0	2.8	0.7	0.0	0.0	1.0	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.7	0.0	0.0	0.8	0.9	0.0	0.0	1.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.1	0.0	2.2	0.1	0.0	2.8	45.3	0.0	0.0	46.2	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		711			739			36			65	
Approach Delay, s/veh		2.1			2.7			45.3			46.2	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		90.5		14.5		90.5		14.5				
Change Period (Y+Rc), s		6.0		5.0		6.0		5.0				
Max Green Setting (Gmax), s		76.0		18.0		76.0		18.0				
Max Q Clear Time (g_c+I1), s		2.0		4.5		2.0		5.9				
Green Ext Time (p_c), s		3.4		0.0		3.7		0.1				
Intersection Summary												
HCM 6th Ctrl Delay				5.3								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	66	36	32	11
Ped. Right-Left Flow Rate (p/h)	33	35	8	6
Ped. R. Sidewalk Flow Rate (p/h)	17	40	71	99
Veh. Perm. L. Flow in Walk (v/h)	14	6	12	13
Veh. Perm. R. Flow in Walk (v/h)	13	9	19	8
Veh. RTOR Flow in Walk (v/h)	10	5	10	5
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	68.2	90.9	64.5	47.8
Right Corner Quality of Service	A	A	A	B
Ped. Circulation Area (sq.ft)	54.1	79.2	116.6	291.2
Crosswalk Circulation Code	B	A	A	A
Pedestrian Delay (s/p)	42.1	42.1	42.1	42.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.45	2.44	1.79	1.81
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	192	204	6	6
Total Flow Rate (veh/h)	711	739	36	65
Effct. Green for Bike (s)	87.3	87.3	10.9	10.9
Cross Street Width (ft)	24.0	24.1	36.0	36.0
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	5.0	5.0	5.0	5.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1663	1663	208	208
Bicycle Delay (s/bike)	1.7	1.7	42.3	42.3
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	2.03	2.08	1.10	1.15
Bicycle LOS	B	B	A	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	11	450	7	7	561	28	6	6	8	0	0	0
Future Volume (veh/h)	11	450	7	7	561	28	6	6	8	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1850	1403	1605	1850	1489	1735	1850	1850	1230			
Adj Flow Rate, veh/h	12	511	8	8	638	32	7	7	9			
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88			
Percent Heavy Veh, %	0	31	17	0	25	8	0	0	43			
Cap, veh/h	723	1156	18	821	1180	59	24	24	31			
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.05	0.05	0.05			
Sat Flow, veh/h	779	1377	22	896	1406	71	519	519	667			
Grp Volume(v), veh/h	12	0	519	8	0	670	23	0	0			
Grp Sat Flow(s),veh/h/ln	779	0	1399	896	0	1477	1704	0	0			
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0			
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0			
Prop In Lane	1.00		0.02	1.00		0.05	0.30		0.39			
Lane Grp Cap(c), veh/h	723	0	1174	821	0	1239	79	0	0			
V/C Ratio(X)	0.02	0.00	0.44	0.01	0.00	0.54	0.29	0.00	0.00			
Avail Cap(c_a), veh/h	723	0	1174	821	0	1239	292	0	0			
HCM Platoon Ratio	2.00	2.00	2.00	1.33	1.33	1.33	1.00	1.00	1.00			
Upstream Filter(l)	0.77	0.00	0.77	0.80	0.00	0.80	1.00	0.00	0.00			
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	48.4	0.0	0.0			
Incr Delay (d2), s/veh	0.0	0.0	0.9	0.0	0.0	1.4	2.0	0.0	0.0			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.3	0.0	0.0	0.5	0.6	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	0.0	0.9	0.0	0.0	1.4	50.4	0.0	0.0			
LnGrp LOS	A	A	A	A	A	A	D	A	A			
Approach Vol, veh/h		531			678			23				
Approach Delay, s/veh		0.9			1.3			50.4				
Approach LOS		A			A			D				
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		94.1		10.9		94.1						
Change Period (Y+Rc), s		* 6		6.0		6.0						
Max Green Setting (Gmax), s		* 76		18.0		75.0						
Max Q Clear Time (g_c+I1), s		2.0		2.0		2.0						
Green Ext Time (p_c), s		2.3		0.0		3.1						
Intersection Summary												
HCM 6th Ctrl Delay			2.1									
HCM 6th LOS			A									
Notes												
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.												

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	1
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	4	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	8.0	8.0	8.0	8.0
Right Corner Size B (ft)	8.0	8.0	8.0	8.0
Right Corner Curb Radius (ft)	15.0	15.0	15.0	15.0
Right Corner Total Area (sq.ft)	15.62	15.62	15.62	15.62
Ped. Left-Right Flow Rate (p/h)	15	12	6	8
Ped. Right-Left Flow Rate (p/h)	9	26	6	6
Ped. R. Sidewalk Flow Rate (p/h)	14	12	38	24
Veh. Perm. L. Flow in Walk (v/h)	0	7	13	8
Veh. Perm. R. Flow in Walk (v/h)	9	0	30	8
Veh. RTOR Flow in Walk (v/h)	5	0	15	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	265.4	191.7	149.0	208.9
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	241.5	152.8	371.1	362.4
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	42.1	42.1	42.1	42.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.34	2.35	1.78	1.50
Pedestrian Crosswalk LOS	B	B	B	A

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	133	135	6	6
Total Flow Rate (veh/h)	531	678	23	0
Effct. Green for Bike (s)	96.6	96.2	10.0	0.0
Cross Street Width (ft)	24.0	12.0	35.8	38.6
Through Lanes Number	1	1	1	0
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	5.0	5.0	5.0	5.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1840	1832	190	0
Bicycle Delay (s/bike)	0.4	0.4	43.1	0.0
Bicycle Compliance	Good	Good	Poor	
Bicycle LOS Score	1.73	1.79	1.07	0.00
Bicycle LOS	B	B	A	

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	9	466	6	12	559	37	6	6	12	0	0	0
Future Volume (veh/h)	9	466	6	12	559	37	6	6	12	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	0.93		0.84	0.99		0.84	1.00		0.31			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1648	1475	1850	1331	1489	1691	1850	1720	1605			
Adj Flow Rate, veh/h	10	507	7	13	608	40	7	7	13			
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
Percent Heavy Veh, %	14	26	0	36	25	11	0	9	17			
Cap, veh/h	554	1061	15	447	1000	66	32	32	60			
Arrive On Green	0.73	0.73	0.73	1.00	1.00	1.00	0.17	0.17	0.17			
Sat Flow, veh/h	662	1447	20	642	1363	90	188	188	349			
Grp Volume(v), veh/h	10	0	514	13	0	648	27	0	0			
Grp Sat Flow(s),veh/h/ln	662	0	1467	642	0	1453	724	0	0			
Q Serve(g_s), s	0.4	0.0	15.1	0.4	0.0	0.0	3.4	0.0	0.0			
Cycle Q Clear(g_c), s	0.4	0.0	15.1	15.5	0.0	0.0	3.4	0.0	0.0			
Prop In Lane	1.00		0.01	1.00		0.06	0.26		0.48			
Lane Grp Cap(c), veh/h	554	0	1076	447	0	1065	124	0	0			
V/C Ratio(X)	0.02	0.00	0.48	0.03	0.00	0.61	0.22	0.00	0.00			
Avail Cap(c_a), veh/h	554	0	1076	447	0	1065	172	0	0			
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00			
Upstream Filter(l)	0.92	0.00	0.92	0.88	0.00	0.88	1.00	0.00	0.00			
Uniform Delay (d), s/veh	3.8	0.0	5.7	1.5	0.0	0.0	37.4	0.0	0.0			
Incr Delay (d2), s/veh	0.1	0.0	1.4	0.1	0.0	2.3	0.9	0.0	0.0			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.1	0.0	4.3	0.0	0.0	0.7	0.6	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	3.8	0.0	7.1	1.6	0.0	2.3	38.3	0.0	0.0			
LnGrp LOS	A	A	A	A	A	A	D	A	A			
Approach Vol, veh/h		524			661			27				
Approach Delay, s/veh		7.1			2.3			38.3				
Approach LOS		A			A			D				
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		82.0		23.0		82.0						
Change Period (Y+Rc), s		5.0		5.0		5.0						
Max Green Setting (Gmax), s		70.0		25.0		70.0						
Max Q Clear Time (g_c+I1), s		17.1		2.0		17.5						
Green Ext Time (p_c), s		2.2		0.1		3.1						
Intersection Summary												
HCM 6th Ctrl Delay			5.2									
HCM 6th LOS			A									

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	25.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	1
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	4	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	7.0	7.0	7.0	7.0
Right Corner Size B (ft)	7.0	7.0	7.0	7.0
Right Corner Curb Radius (ft)	14.0	14.0	14.0	14.0
Right Corner Total Area (sq.ft)	6.86	6.86	6.86	6.86
Ped. Left-Right Flow Rate (p/h)	25	26	14	8
Ped. Right-Left Flow Rate (p/h)	34	18	32	9
Ped. R. Sidewalk Flow Rate (p/h)	17	46	44	59
Veh. Perm. L. Flow in Walk (v/h)	0	6	9	12
Veh. Perm. R. Flow in Walk (v/h)	12	0	37	6
Veh. RTOR Flow in Walk (v/h)	5	0	15	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	29.9	44.9	23.3	32.5
Right Corner Quality of Service	C	B	D	C
Ped. Circulation Area (sq.ft)	96.4	132.3	94.0	295.5
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	42.1	42.1	42.1	42.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.32	2.34	1.78	1.51
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	115	139	14	6
Total Flow Rate (veh/h)	524	661	27	0
Effct. Green for Bike (s)	84.6	84.6	10.4	0.0
Cross Street Width (ft)	24.2	12.1	36.1	37.0
Through Lanes Number	1	1	1	0
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	5.0	5.0	5.0	5.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	No
On Street Parking?	Yes	Yes	Yes	No
Bicycle Lane Capacity (bike/h)	1611	1611	198	0
Bicycle Delay (s/bike)	2.1	2.1	42.9	0.0
Bicycle Compliance	Good	Good	Poor	
Bicycle LOS Score	1.72	1.76	1.08	0.00
Bicycle LOS	B	B	A	



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	56	426	432	66	66	78
Future Volume (veh/h)	56	426	432	66	66	78
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00			1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1763	1518	1590	1460	1778	1576
Adj Flow Rate, veh/h	60	458	465	71	71	84
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	6	23	18	27	5	19
Cap, veh/h	714	1164	1033	158	86	102
Arrive On Green	1.00	1.00	1.00	1.00	0.12	0.12
Sat Flow, veh/h	841	1518	1347	206	723	855
Grp Volume(v), veh/h	60	458	0	536	156	0
Grp Sat Flow(s), veh/h/ln	841	1518	0	1553	1588	0
Q Serve(g_s), s	0.0	0.0	0.0	0.0	10.1	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	10.1	0.0
Prop In Lane	1.00			0.13	0.46	0.54
Lane Grp Cap(c), veh/h	714	1164	0	1191	189	0
V/C Ratio(X)	0.08	0.39	0.00	0.45	0.83	0.00
Avail Cap(c_a), veh/h	714	1164	0	1191	393	0
HCM Platoon Ratio	2.00	2.00	1.33	1.33	1.00	1.00
Upstream Filter(I)	0.90	0.90	0.00	0.87	1.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	45.2	0.0
Incr Delay (d2), s/veh	0.2	0.9	0.0	1.1	8.8	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.3	0.0	0.4	4.4	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.2	0.9	0.0	1.1	54.0	0.0
LnGrp LOS	A	A	A	A	D	A
Approach Vol, veh/h		518	536		156	
Approach Delay, s/veh		0.8	1.1		54.0	
Approach LOS		A	A		D	
Timer - Assigned Phs		2		4		6
Phs Duration (G+Y+Rc), s		86.5		18.5		86.5
Change Period (Y+Rc), s		6.0		6.0		6.0
Max Green Setting (Gmax), s		67.0		26.0		67.0
Max Q Clear Time (g_c+I1), s		2.0		12.1		2.0
Green Ext Time (p_c), s		2.3		0.4		2.3
Intersection Summary						
HCM 6th Ctrl Delay			7.8			
HCM 6th LOS			A			
Notes						
User approved volume balancing among the lanes for turning movement.						

Approach	EB	WB	SB
Crosswalk Length (ft)	35.0	35.0	25.0
Crosswalk Width (ft)	6.0	6.0	6.0
Total Number of Lanes Crossed	3	2	2
Number of Right-Turn Islands	0	0	0
Type of Control	Actuated	Actuated	Actuated
Corresponding Signal Phase	6	4	8
Effective Walk Time (s)	11.0	11.0	0.0
Right Corner Size A (ft)	7.0	7.0	7.0
Right Corner Size B (ft)	7.0	7.0	7.0
Right Corner Curb Radius (ft)	12.0	12.0	12.0
Right Corner Total Area (sq.ft)	18.04	18.04	18.04
Ped. Left-Right Flow Rate (p/h)	6	17	25
Ped. Right-Left Flow Rate (p/h)	11	28	33
Ped. R. Sidewalk Flow Rate (p/h)	58	58	45
Veh. Perm. L. Flow in Walk (v/h)	66	0	56
Veh. Perm. R. Flow in Walk (v/h)	0	78	66
Veh. RTOR Flow in Walk (v/h)	0	40	35
85th percentile speed (mph)	30	30	30
Right Corner Area per Ped (sq.ft)	123.0	81.5	114.6
Right Corner Quality of Service	A	A	A
Ped. Circulation Area (sq.ft)	281.0	100.5	0.0
Crosswalk Circulation Code	A	A	F
Pedestrian Delay (s/p)	42.1	42.1	52.5
Pedestrian Compliance Code	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.39	2.30	2.00
Pedestrian Crosswalk LOS	B	B	B

Approach	EB	WB	SB
Bicycle Flow Rate (bike/h)	90	94	16
Total Flow Rate (veh/h)	518	536	155
Effct. Green for Bike (s)	79.4	79.4	13.6
Cross Street Width (ft)	36.0	23.9	35.9
Through Lanes Number	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0
Bicycle Lane Width (ft)	5.0	5.0	5.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1512	1512	259
Bicycle Delay (s/bike)	3.3	3.3	40.1
Bicycle Compliance	Good	Good	Poor
Bicycle LOS Score	1.89	1.74	1.29
Bicycle LOS	B	B	A

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	516	7	6	541	38	6	6	6	0	0	0
Future Volume (veh/h)	35	516	7	6	541	38	6	6	6	0	0	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0			
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00			
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No			No			No				
Adj Sat Flow, veh/h/ln	1763	1662	739	1850	1619	1850	1850	1128	1128			
Adj Flow Rate, veh/h	38	555	8	6	582	41	6	6	6			
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93			
Percent Heavy Veh, %	6	13	77	0	16	0	0	50	50			
Cap, veh/h	697	1323	19	765	1210	85	33	33	33			
Arrive On Green	1.00	1.00	1.00	1.00	1.00	1.00	0.10	0.10	0.10			
Sat Flow, veh/h	776	1635	24	861	1495	105	349	349	349			
Grp Volume(v), veh/h	38	0	563	6	0	623	18	0	0			
Grp Sat Flow(s),veh/h/ln	776	0	1658	861	0	1600	1048	0	0			
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0			
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0			
Prop In Lane	1.00		0.01	1.00		0.07	0.33		0.33			
Lane Grp Cap(c), veh/h	697	0	1342	765	0	1295	100	0	0			
V/C Ratio(X)	0.05	0.00	0.42	0.01	0.00	0.48	0.18	0.00	0.00			
Avail Cap(c_a), veh/h	697	0	1342	765	0	1295	180	0	0			
HCM Platoon Ratio	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00			
Upstream Filter(l)	0.88	0.00	0.88	0.87	0.00	0.87	1.00	0.00	0.00			
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	43.7	0.0	0.0			
Incr Delay (d2), s/veh	0.1	0.0	0.8	0.0	0.0	1.1	1.8	0.0	0.0			
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.3	0.0	0.0	0.4	0.5	0.0	0.0			
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.1	0.0	0.8	0.0	0.0	1.1	45.6	0.0	0.0			
LnGrp LOS	A	A	A	A	A	A	D	A	A			
Approach Vol, veh/h		601			629			18				
Approach Delay, s/veh		0.8			1.1			45.6				
Approach LOS		A			A			D				
Timer - Assigned Phs		2		4		6						
Phs Duration (G+Y+Rc), s		90.0		15.0		90.0						
Change Period (Y+Rc), s		5.0		5.0		5.0						
Max Green Setting (Gmax), s		77.0		18.0		77.0						
Max Q Clear Time (g_c+I1), s		2.0		2.0		2.0						
Green Ext Time (p_c), s		2.6		0.0		2.7						
Intersection Summary												
HCM 6th Ctrl Delay				1.6								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	22.0	11.0
Crosswalk Width (ft)	12.0	12.0	12.0	12.0
Total Number of Lanes Crossed	3	3	2	1
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Pretimed	Actuated
Corresponding Signal Phase	4	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	6.0	6.0	6.0	6.0
Right Corner Size B (ft)	6.0	6.0	6.0	6.0
Right Corner Curb Radius (ft)	10.0	10.0	10.0	10.0
Right Corner Total Area (sq.ft)	14.50	14.50	14.50	14.50
Ped. Left-Right Flow Rate (p/h)	36	8	72	14
Ped. Right-Left Flow Rate (p/h)	13	12	14	14
Ped. R. Sidewalk Flow Rate (p/h)	28	86	20	49
Veh. Perm. L. Flow in Walk (v/h)	0	6	35	6
Veh. Perm. R. Flow in Walk (v/h)	6	0	38	7
Veh. RTOR Flow in Walk (v/h)	3	0	20	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	52.6	87.2	94.4	82.7
Right Corner Quality of Service	B	A	A	A
Ped. Circulation Area (sq.ft)	237.3	586.4	76.1	242.0
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	42.1	42.1	42.1	42.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.34	2.34	1.82	1.53
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	90	113	15	6
Total Flow Rate (veh/h)	601	629	18	0
Effct. Green for Bike (s)	84.8	84.8	10.2	0.0
Cross Street Width (ft)	24.0	12.0	36.0	38.3
Through Lanes Number	1	1	1	0
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	5.0	5.0	5.0	5.0
Striped Parking Lane Width (ft)	8.0	8.0	8.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	No
On Street Parking?	Yes	Yes	Yes	No
Bicycle Lane Capacity (bike/h)	1615	1615	194	0
Bicycle Delay (s/bike)	2.0	2.1	43.1	0.0
Bicycle Compliance	Good	Good	Poor	
Bicycle LOS Score	1.85	1.71	1.07	0.00
Bicycle LOS	B	B	A	

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	8	467	6	6	532	31	7	6	6	16	11	13
Future Volume (veh/h)	8	467	6	6	532	31	7	6	6	16	11	13
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1850	1533	1273	1850	1576	1547	739	1850	739	1850	1374	1735
Adj Flow Rate, veh/h	9	502	6	6	572	33	8	6	6	17	12	14
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	0	22	40	0	19	21	77	0	77	0	33	8
Cap, veh/h	639	1223	15	802	1194	69	92	65	47	79	46	37
Arrive On Green	1.00	1.00	1.00	0.81	0.81	0.81	0.10	0.10	0.10	0.10	0.10	0.10
Sat Flow, veh/h	828	1511	18	906	1475	85	459	684	490	332	480	392
Grp Volume(v), veh/h	9	0	508	6	0	605	20	0	0	43	0	0
Grp Sat Flow(s),veh/h/ln	828	0	1529	906	0	1561	1633	0	0	1204	0	0
Q Serve(g_s), s	0.2	0.0	0.0	0.1	0.0	12.7	0.0	0.0	0.0	0.5	0.0	0.0
Cycle Q Clear(g_c), s	12.8	0.0	0.0	0.1	0.0	12.7	1.1	0.0	0.0	3.3	0.0	0.0
Prop In Lane	1.00		0.01	1.00		0.05	0.40		0.30	0.40		0.33
Lane Grp Cap(c), veh/h	639	0	1238	802	0	1263	204	0	0	163	0	0
V/C Ratio(X)	0.01	0.00	0.41	0.01	0.00	0.48	0.10	0.00	0.00	0.26	0.00	0.00
Avail Cap(c_a), veh/h	639	0	1238	802	0	1263	487	0	0	374	0	0
HCM Platoon Ratio	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(l)	0.91	0.00	0.91	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	1.0	0.0	0.0	1.9	0.0	3.1	43.5	0.0	0.0	44.5	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.9	0.0	0.0	1.3	0.2	0.0	0.0	0.9	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.3	0.0	0.0	3.1	0.5	0.0	0.0	1.1	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	1.0	0.0	0.9	1.9	0.0	4.4	43.7	0.0	0.0	45.3	0.0	0.0
LnGrp LOS	A	A	A	A	A	A	D	A	A	D	A	A
Approach Vol, veh/h		517			611			20			43	
Approach Delay, s/veh		0.9			4.4			43.7			45.3	
Approach LOS		A			A			D			D	
Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		90.0		15.0		90.0		15.0				
Change Period (Y+Rc), s		5.0		5.0		5.0		5.0				
Max Green Setting (Gmax), s		66.0		29.0		66.0		29.0				
Max Q Clear Time (g_c+I1), s		14.8		3.1		14.7		5.3				
Green Ext Time (p_c), s		2.1		0.0		2.6		0.1				
Intersection Summary												
HCM 6th Ctrl Delay				5.0								
HCM 6th LOS				A								

Approach	EB	WB	NB	SB
Crosswalk Length (ft)	35.0	35.0	22.0	22.4
Crosswalk Width (ft)	6.0	6.0	6.0	6.0
Total Number of Lanes Crossed	3	3	2	2
Number of Right-Turn Islands	0	0	0	0
Type of Control	Actuated	Actuated	Actuated	Actuated
Corresponding Signal Phase	8	4	2	6
Effective Walk Time (s)	11.0	11.0	11.0	11.0
Right Corner Size A (ft)	6.0	6.0	6.0	6.0
Right Corner Size B (ft)	6.0	6.0	6.0	6.0
Right Corner Curb Radius (ft)	10.0	10.0	10.0	10.0
Right Corner Total Area (sq.ft)	14.50	14.50	14.50	14.50
Ped. Left-Right Flow Rate (p/h)	32	8	26	6
Ped. Right-Left Flow Rate (p/h)	23	14	6	6
Ped. R. Sidewalk Flow Rate (p/h)	12	32	22	55
Veh. Perm. L. Flow in Walk (v/h)	16	7	8	6
Veh. Perm. R. Flow in Walk (v/h)	6	13	31	6
Veh. RTOR Flow in Walk (v/h)	4	10	15	4
85th percentile speed (mph)	30	30	30	30
Right Corner Area per Ped (sq.ft)	105.8	181.8	162.0	90.6
Right Corner Quality of Service	A	A	A	A
Ped. Circulation Area (sq.ft)	100.3	254.6	131.0	413.2
Crosswalk Circulation Code	A	A	A	A
Pedestrian Delay (s/p)	42.1	42.1	42.1	42.1
Pedestrian Compliance Code	Poor	Poor	Poor	Poor
Pedestrian Crosswalk Score	2.34	2.34	1.78	1.78
Pedestrian Crosswalk LOS	B	B	B	B

Approach	EB	WB	NB	SB
Bicycle Flow Rate (bike/h)	90	102	6	7
Total Flow Rate (veh/h)	517	611	20	43
Effct. Green for Bike (s)	84.8	84.8	10.2	10.2
Cross Street Width (ft)	24.1	24.3	36.3	36.0
Through Lanes Number	1	1	1	1
Through Lane Width (ft)	12.0	12.0	12.0	12.0
Bicycle Lane Width (ft)	5.0	5.0	4.0	5.0
Striped Parking Lane Width (ft)	8.0	8.0	7.0	8.0
Paved Shoulder Width (ft)	0.0	0.0	0.0	0.0
Curb Is Present?	Yes	Yes	Yes	Yes
On Street Parking?	Yes	Yes	Yes	Yes
Bicycle Lane Capacity (bike/h)	1615	1615	194	194
Bicycle Delay (s/bike)	2.0	2.0	42.9	42.9
Bicycle Compliance	Good	Good	Poor	Poor
Bicycle LOS Score	1.71	1.87	1.29	1.11
Bicycle LOS	B	B	A	A