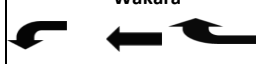


 Wakara			 Wakara			 Foothill			 Foothill		
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations (#)	1	0	1	2	0	1	1	3	1	2	3	1
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor Flu	1.00	1.00	0.00	0.97	1.00	0.00	1.00	0.91	0.00	0.97	0.91	0.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.92	1.00	1.00	0.95	1.00	1.00	0.92	1.00	1.00
Sat. Flow (prot)	0	0	1408	2815	0	1408	0	4223	1408	2815	4223	1408
Flt Permitted	0.95	1.00	1.00	0.92	1.00	1.00	0.95	1.00	1.00	0.92	1.00	1.00
Sat. Flow (perm)	1220	0	1408	0	0	1408	515	4223	1408	0	4223	1408
Volume (vph)	40	0	85	288	0	161	3	502	30	60	1050	40
PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	43	0	92	313	0	175	3	546	33	65	1141	43
RTOR Reduction (vph)	0	0	46	0	0	88	0	0	17	0	0	22
Lane Group Flow (vph)	43	0	46	313	0	87	3	546	16	65	1141	21
Turn Type	Permitted		Permitted	Protected		Permitted	Permitted		Permitted	Protected		Permitted
Protected Phases	4		4	3		8	2		2	1		6
Permitted Phases	4		4	8		8	2		2	6		6
Display Green, G (s)	18.1	18.1	18.1	5.2	28.2	28.2	31.2	31.2	31.2	4.2	41.2	41.2
Effective Green, g (s)	19.0	19.0	19.0	6.0	29.0	29.0	33.0	33.0	33.0	6.0	43.0	43.0
Display g/C Ratio	0.23	0.23	0.23	0.07	0.35	0.35	0.39	0.39	0.39	0.05	0.52	0.52
Clearance Time (s)	4.9	4.9	4.9	4.8	4.8	4.8	5.8	5.8	5.8	5.8	5.8	5.8
Lane Grp Cap (vph)	113	0	334	521	2041	510	105	1742	581	500	2270	757
v/s Ratio Prot	0.00	0.00		0.11	0.00		0.00	0.13		0.02	0.27	
v/s Ratio Perm	0.04		0.03			0.06	0.01		0.01			0.01
v/c Ratio	0.38	0.00	0.14	0.60	0.00	0.17	0.03	0.31	0.03	0.13	0.50	0.03
Uniform delay, d1 (s)	25.6	0.0	24.0	35.8	0.0	17.3	14.0	15.8	14.0	34.6	11.7	8.7
Progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2 (s)	9.4	0.0	0.9	5.0	0.0	0.7	0.5	0.5	0.1	0.5	0.8	0.1
Delay (s)	35.0	0.0	24.9	40.9	0.0	18.1	14.5	16.3	14.1	35.1	12.5	8.8
Level of Service	C	N/A	C	D	N/A	B	B	B	B	D	B	A
Approach Delay (s)	28.1			32.7			16.2			13.5		
Approach LOS	C			C			B			B		
Intersection Summary												
HCM Average Control Delay	18.8			HCM Level of Service			B					
HCM Volume to Capacity Ratio	0.41											
Actuated Cycle Length (s)	80.0			Sum of Lost Time (s)			16.0					
Intersection Capacity Utilization	58.1%			ICU Level of Service			B					