

	<div>Sunnyside</div>			<div>Sunnyside</div>			<div>2100 East</div>			<div>Foothill</div>		
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations (#)	1	2	1	1	2	1	1	3	1	1	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	0.95	0.00	1.00	0.95	0.00	1.00	0.91	0.00	1.00	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	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Sat. Flow (prot)	1408	2815	1408	1408	2815	1408	1408	4223	1408	1408	4223	1408
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Sat. Flow (perm)	875	2815	1408	996	2815	1408	119	4223	1408	612	4223	1408
Volume (vph)	93	170	213	651	482	42	193	845	63	73	2387	204
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)	101	185	232	708	524	46	210	918	68	79	2595	222
RTOR Reduction (vph)	0	0	116	0	0	23	0	0	34	0	0	111
Lane Group Flow (vph)	101	185	116	708	524	23	210	918	34	79	2595	111
Turn Type	Prot+perm		Permitted	Prot+perm		Permitted	Prot+perm		Permitted	Prot+perm		Permitted
Protected Phases	7		4	3		8	5		2	1		6
Permitted Phases	4		4	8		8	2		2	6		6
Display Green, G (s)	26.8		25.6	94.8		59.6	62.6		58.2	48.6		51.2
Effective Green, g (s)	28.2		27.0	96.2		61.0	64.4		60.0	50.4		53.0
Display g/C Ratio	0.18		0.17	0.63		0.40	0.42		0.39	0.32		0.34
Clearance Time (s)	5.4		5.4	5.4		5.4	5.8		5.8	5.8		5.8
Lane Grp Cap (vph)	148		507	469		1145	173		1689	115		1492
v/s Ratio Prot	0.07		0.07	0.50		0.19	0.15		0.22	0.06		0.61
v/s Ratio Perm	0.12		0.08	0.71		0.02	1.76		0.02	0.13		0.08
v/c Ratio	0.68		0.36	1.51		0.46	1.21		0.54	0.69		1.74
Uniform delay, d1 (s)	56.7		53.9	26.9		32.5	42.8		34.4	43.1		48.5
Progression factor	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Incremental Delay, d2 (s)	22.4		2.0	240.4		1.3	136.1		1.2	28.9		335.8
Delay (s)	79.1		55.9	267.3		33.8	178.9		35.7	71.9		384.3
Level of Service	E		E	F		C	F		D	E		F
Approach Delay (s)	62.6			162.9			60.3			349.0		
Approach LOS	E			F			E			F		
Intersection Summary												
HCM Average Control Delay		234.0		HCM Level of Service		F						
HCM Volume to Capacity Ratio		1.30										
Actuated Cycle Length (s)		150.0		Sum of Lost Time (s)		16.0						
Intersection Capacity Utilization		143.9%		ICU Level of Service		H						