

# DRAFT

Green Lake Way - Draft Synchro results June 2018

Intersection/Approach/ Movement	AM Peak Hour								
	Volume (veh/hr)	Existing Conditions				With curb side PBLs			
		Delay (sec/veh)	LOS	Avg Queue (ft)	95th % Queue (ft)	Delay (sec/veh)	LOS	Avg Queue (ft)	95th % Queue (ft)
<b>Green Lake Way at 50th</b>		<b>96</b>	<b>F</b>			<b>102</b>	<b>F</b>		
Northbound Stone Way	215	68	E			64	E		
through	165	71	E	169	#258	66	E	172	242
right	50	59	E	48	91	55	E	48	87
North Eastbound Green Lake Way	465	107	F			119	F		
left	170	61	E	146	227	65	E	153	235
right	295	133	F	308	#497	150	F	328	#521
Southbound Green Lake Way	750	63	E			60	E		
left	40	76	E	40	78	73	E	41	80
through	390	95	F	425	#593	70	E	417	#550
soft right/hard right	250/70	24	C	189	257	46	D	240	#315
Eastbound 50th	460	78	E			85	F		
left	90	44	D	72	125	47	D	76	129
through/right	335/35	86	F	371	#576	94	F	390	#606
Westbound 50th	565	152	F			170	F		
hard left/soft left	65/250	187	F	444	#555	210	F	470	#582
through/right	215/35	109	F	290	#410	121	E	318	#432
SB bikes (% of cycle with green)		29% (40 of 140 sec)				13% (20 of 145 sec)			
NB bikes (% of cycle with green)		18% (25 of 140 sec)				13% with two-way PBL, 21% with one-way PBLs			

# - 95% queue exceeds capacity

Green Lake Way - Draft Synchro results June 2018

Intersection/Approach/ Movement	PM Peak Hour								
	Volume (veh/hr)	Existing Conditions				With curb side PBLs			
		Delay (sec/veh)	LOS	Avg Queue (ft)	95th % Queue (ft)	Delay (sec/veh)	LOS	Avg Queue (ft)	95th % Queue (ft)
<b>Green Lake Way at 50th</b>		<b>99</b>	<b>F</b>			<b>106</b>	<b>F</b>		
Northbound Stone Way	315	140	F			152	F		
through	265	155	F	416	#514	173	F	421	#514
right	50	67	E	63	101	41	D	50	80
North Eastbound Green Lake Way	595	127	F			127	F		
left	320	131	F	401	#609	131	F	401	#609
right	275	123	F	332	#531	123	F	332	#531
Southbound Green Lake Way	685	45	D			70	E		
left	55	97	F	60	112	90	F	60	112
through	255	59	E	244	345	58	E	242	342
soft right/hard right	265/110	28	C	231	329	75	E	345	#559
Eastbound 50th	355	138	F			138	F		
left	145	93	F	171	#284	93	F	171	#284
through/right	190/20	168	F	297	#475	168	F	297	#475
Westbound 50th	995	88	F			88	F		
hard left/soft left	60/405	73	E	491	#699	73	F	491	#699
through/right	410/120	101	F	625	#863	101	F	625	#863
SB bikes (% of cycle with green)	28% (45 of 160 sec)				12% (20 of 160 sec)				
NB bikes (% of cycle with green)	18% (30 of 160 sec)				12% with two-way PBL, 18% with one-way PBLs				

# - 95% queue exceeds capacity