

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
110	US 83 & 71st Ave N (Signalized -- Cycle Length: 109.4)													
	Lanes	←	↑	→	←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	25	50	155	210	46	94	16	195	19	82	523	54	
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	15.8	15.8	4.8	24.7	15.8	5.2	24.9	20.8	0.2	24.7	13.8	2.1	
	Synchro LOS	B	B	A	C	B	A	C	C	A	C	B	A	B
	SimTraffic Delay	18.8	16.5	6.2	24.8	14.2	4.0	28.7	13.4	3.1	27.1	11.1	3.4	
	SimTraffic LOS	B	B	A	C	B	A	C	B	A	C	B	A	B
	Storage / *Link Dist.	375	*885	375	400	*737	400	300	*2,251	300	300	*1,602	300	
	SimTraffic 95th Queue	42	52	64	157	54	43	21	58	10	70	115	15	
Queue Block Time (%)														
Denied Entry														
120	US 83 & 57th Ave N (Unsignalized)													
	Lanes	<↑		→	<↑>			←	↑↑	→	<↑↑		→	
	Volume	10	2	70	5	2	2	41	218	2	2	876	10	
	Sign Control	Stop			Stop			Free			Free			
	Synchro Delay	-			-			-			-			
	Synchro LOS	n/a		n/a	n/a			n/a	n/a	n/a	n/a		n/a	n/a
	SimTraffic Delay	10.8		6.0	17.2			9.9	2.7	1.8	2.2		1.1	
	SimTraffic LOS	B		A	C			A	A	A	A		A	A
	Storage / *Link Dist.	*931		350	*409			375		225	*2,922		425	
	SimTraffic 95th Queue	24		39	22			33			6			
Queue Block Time (%)														
Denied Entry														
130	US 83 & LaSalle Dr (Signalized -- Cycle Length: 90)													
	Lanes	←	↑>		←←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	20	5	126	50	5	10	80	231	50	10	921	20	
	Phasing	Perm	NA		Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	Perm	
	Synchro Delay	42.2	16.6		42.9	26.4	0.1	40.3	16.4	1.7	42.1	19.7	0.1	
	Synchro LOS	D	B		D	C	A	D	B	A	D	B	A	C
	SimTraffic Delay	40.8	36.5		41.9	26.1	5.2	40.6	7.7	2.1	54.1	13.7	4.7	
	SimTraffic LOS	D	D		D	C	A	D	A	A	D	B	A	B
	Storage / *Link Dist.	100	*788		250	*382	250	350	*1,495	625	375	*2,274	325	
	SimTraffic 95th Queue	38	79		73	18	18	105	70	30	28	185	15	
Queue Block Time (%)														
Denied Entry														
140	US 83 & Skyline Blvd (Signalized -- Cycle Length: 90)													
	Lanes				←←		→		↑↑	→	←	↑↑		
	Volume				137		35		326	115	37	1,060		
	Phasing				Prot		Perm		NA	Perm	Prot	NA		
	Synchro Delay				43.4		15.4		6.3	3.7	45.5	1.8		
	Synchro LOS				D		B		A	A	D	A		A
	SimTraffic Delay				43.5		6.3		4.8	3.1	42.4	6.3		
	SimTraffic LOS				D		A		A	A	D	A		A
	Storage / *Link Dist.				250		300		*1,218	500	275	*1,495		
	SimTraffic 95th Queue				135		37		70	51	72	100		
Queue Block Time (%)														
Denied Entry														
150	US 83 & 43rd Ave N (Signalized -- Cycle Length: 90)													
	Lanes	←	↑	→	←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	40	182	230	82	165	33	165	368	30	60	1,073	64	
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	31.6	38.7	8.0	39.9	37.1	0.5	65.5	4.9	0.1	40.9	35.5	11.8	
	Synchro LOS	C	D	A	D	D	A	E	A	A	D	D	B	C
	SimTraffic Delay	39.8	30.6	15.7	63.1	28.9	5.4	52.0	5.0	2.3	35.6	26.0	8.5	
	SimTraffic LOS	D	C	B	E	C	A	D	A	A	D	C	A	C
	Storage / *Link Dist.	125	*737	375	125	*700	350	475	*1,256	325	475	*1,218	325	
	SimTraffic 95th Queue	75	163	134	129	143	32	176	57	15	78	305	39	
Queue Block Time (%)		3		4	1									
Denied Entry														

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
160	US 83 & Holiday Inn Dwy (Unsignalized)													
	Lanes				←		→		↑↑	→	←	↑↑		
	Volume				13		3		560	53	7		1,378	
	Sign Control				Stop				Free			Free		
	Synchro Delay				-				-			-		
	Synchro LOS				n/a		n/a		n/a	n/a	n/a		n/a	n/a
	SimTraffic Delay				38.2		4.4		1.4	1.4	7.2		5.1	
	SimTraffic LOS				E		A		A	A	A		A	A
	Storage / *Link Dist.				*251		*251			100	100			
	SimTraffic 95th Queue				33		15				16			
Queue Block Time (%)														
Denied Entry														
170	US 83 & Calgary Ave (Signalized -- Cycle Length: 90)													
	Lanes	←		↑>	←		↑>	←	↑↑	→	←	↑↑↑>		
	Volume	50	74	139	74	79	25	84	538	64	35	1,292	64	
	Phasing	Perm		NA	Perm		NA	Prot	NA	Perm	Prot		NA	
	Synchro Delay	39.0	38.6		92.3	35.8		66.5	1.6	0.1	56.6		4.2	
	Synchro LOS	D	D		F	D		E	A	A	E		A	B
	SimTraffic Delay	50.6	46.0		53.2	35.7		54.6	3.8	2.0	44.6		6.9	
	SimTraffic LOS	D	D		D	D		D	A	A	D		A	B
	Storage / *Link Dist.	125	*682		300	*698		500	*1,156	*1,156	500		*1,212	
	SimTraffic 95th Queue	103	228		106	113		114	46	21	63		147	
Queue Block Time (%)		12												
Denied Entry														
180	US 83 & Weiss Ave/Harvest Ln (Signalized -- Cycle Length: 90)													
	Lanes	←	↑	→	←	↑	→	←	↑↑↑>		←	↑↑↑	→	
	Volume	14	9	45	47	20	12	50	660	45	27	1,365	113	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot		NA	Prot	NA	Perm	
	Synchro Delay	29.8	42.6	2.5	33.8	37.3	0.3	21.8		10.7	43.3		5.8	1.0
	Synchro LOS	C	D	A	C	D	A	C		B	D		A	A
	SimTraffic Delay	40.9	45.6	10.6	40.4	40.9	5.0	61.4		8.3	37.8		7.2	4.6
	SimTraffic LOS	D	D	B	D	D	A	E		A	D		A	A
	Storage / *Link Dist.	*454	*454	*454	150	*451	150	550		*1,281	250		*1,156	300
	SimTraffic 95th Queue	35	24	49	75	53	34	68		88	57		157	50
Queue Block Time (%)														
Denied Entry														
190	US 83 & Century Ave (Signalized -- Cycle Length: 90)													
	Lanes	←	↑↑	→	←	↑↑	→	←←	↑↑↑	→	←←	↑↑↑	→	
	Volume	50	352	160	227	365	50	205	655	301	132	1,198	127	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	20.0	40.4	8.5	35.7	33.2	0.5	37.5	37.2	21.7	52.8	14.3	3.7	
	Synchro LOS	B	D	A	D	C	A	D	D	C	D	B	A	C
	SimTraffic Delay	23.5	40.7	13.2	36.2	27.4	4.4	39.4	32.8	14.7	46.6	20.6	8.6	
	SimTraffic LOS	C	D	B	D	C	A	D	C	B	D	C	A	C
	Storage / *Link Dist.	300	*538	200	200	*757	150	250	*590	300	150	*1,281	150	
	SimTraffic 95th Queue	61	212	94	202	194	36	147	182	183	95	212	46	
Queue Block Time (%)				2							7			
Denied Entry														
200	US 83 & McDonalds Dwy (Unsignalized)													
	Lanes			→			→	←	↑↑↑>		←	↑↑↑>		
	Volume			60			16	5	1,145	4	30	1,515	40	
	Sign Control								Free			Free		
	Synchro Delay								-			-		
	Synchro LOS			n/a			n/a	n/a	n/a		n/a	n/a		n/a
	SimTraffic Delay			11.0			10.2	20.4	2.2		17.5	3.8		
	SimTraffic LOS			B			B	C	A		C	A		A
	Storage / *Link Dist.			*323			*305	200			200	*590		
	SimTraffic 95th Queue			56			40	18			49	3		
Queue Block Time (%)														
Denied Entry														

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall	
210	US 83 & Interstate Ave (Signalized -- Cycle Length: 90)														
	Lanes	←	↑	→	←	↑	→	←←	↑↑↑	→	←←	↑↑↑	→		
	Volume	26	109	170	150	55	34	154	1,094	298	44	1,530	1		
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm		
	Synchro Delay	23.3	46.8	11.7	31.0	32.5	0.4	55.1	12.0	3.0	51.2	8.8		-	
	Synchro LOS	C	D	B	C	C	A	E	B	A	D	A	A	B	
	SimTraffic Delay	29.8	39.9	19.0	32.7	31.6	7.1	49.9	14.1	5.9	43.0	13.5	5.5		
	SimTraffic LOS	C	D	B	C	C	A	D	B	A	D	B	A	B	
	Storage / *Link Dist.	175	*394	*394	300	*526	300	300	*657	400	250	*545	100		
	SimTraffic 95th Queue	46	132	122	136	73	33	139	179	84	71	231	7		
Queue Block Time (%)											28				
Denied Entry															
220	US 83 & I-94 North Ramps (Signalized -- Cycle Length: 90)														
	Lanes				←	<↑>	→	←	↑↑↑			↑↑↑	→		
	Volume				253	1	100	277	1,446			1,475	375		
	Phasing				Split	NA	Perm	Prot	NA			NA	Perm		
	Synchro Delay				52.8	54.1	15.5	30.8	7.1			10.3	1.5		
	Synchro LOS				D	D	B	C	A			B	A	B	
	SimTraffic Delay				40.6	59.4	24.5	28.5	6.7			9.0	5.8		
	SimTraffic LOS				D	E	C	C	A			A	A	B	
	Storage / *Link Dist.				300	*993	300	450	*649			*657	500		
	SimTraffic 95th Queue				199	199	199	237	166			107	63		
Queue Block Time (%)															
Denied Entry															
230	State St/US 83 & I-94 South Ramps (Signalized -- Cycle Length: 90)														
	Lanes	←	<↑>	→					↑↑↑	→	←	↑↑↑			
	Volume	628	1	365					1,095	120	140	1,588			
	Phasing	Split	NA	Perm					NA	Perm	Prot	NA			
	Synchro Delay	62.8	65.3	38.6					13.2	1.4	39.4	7.2			
	Synchro LOS	E	E	D					B	A	D	A		C	
	SimTraffic Delay	54.8	60.3	39.9					12.3	3.5	48.9	5.7			
	SimTraffic LOS	D	E	D					B	A	D	A		C	
	Storage / *Link Dist.	350	*924	350					*281	250	500	*649			
	SimTraffic 95th Queue	477	477	477					187	53	143	115			
Queue Block Time (%)	7	7	7												
Denied Entry															
240	State St & N 12th St/Interchange Ave (Unsignalized)														
	Lanes	<↑		→	<↑		→	←	↑↑↑>		←	↑↑↑>			
	Volume	10	20	25	25	20	145	25	1,060	125	33	1,900	20		
	Sign Control	Stop			Stop			Free			Free				
	Synchro Delay	-			-			-			-				
	Synchro LOS	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a	n/a
	SimTraffic Delay	198.5		21.8	157.1		46.4	18.8		3.1	15.2		1.9		
	SimTraffic LOS	F		C	F		E	C		A	C		A	A	
	Storage / *Link Dist.	*182		*182	*633		50	150		*394	150		*281		
	SimTraffic 95th Queue	115		53	328		97	45		4	38		6		
Queue Block Time (%)				48			14								
Denied Entry															
250	State St & Capitol Ave (Signalized -- Cycle Length: 90)														
	Lanes	←	↑>		←	↑	→	←	↑↑↑>		←	↑↑↑>			
	Volume	100	50	125	100	50	150	75	960	10	100	1,700	150		
	Phasing	Perm	NA		Perm	NA	Perm	Prot	NA		Prot	NA			
	Synchro Delay	40.5	15.8		50.7	31.5	8.3	52.8	12.5		61.2	8.7			
	Synchro LOS	D	B		D	C	A	D	B		E	A		B	
	SimTraffic Delay	37.9	33.0		34.9	27.7	10.1	45.5	13.2		53.1	9.1			
	SimTraffic LOS	D	C		C	C	B	D	B		D	A		B	
	Storage / *Link Dist.	150	*522		100	*827	300	125	*688		125	*394			
	SimTraffic 95th Queue	120	149		112	87	93	122	217		127	195			
Queue Block Time (%)				4						7			2		
Denied Entry															

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
110	US 83 & 71st Ave N (Signalized -- Cycle Length: 109.4)													
	Lanes	←	↑	→	←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	18	17	46	64	24	31	45	248	66	39	333	16	
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	15.0	14.7	2.4	15.8	14.7	0.6	16.5	13.2	3.3	16.5	13.5	0.1	
	Synchro LOS	B	B	A	B	B	A	B	B	A	B	B	A	B
	SimTraffic Delay	17.5	21.1	4.6	19.7	16.9	3.9	20.0	7.2	2.4	24.1	8.1	2.7	
	SimTraffic LOS	B	C	A	B	B	A	B	A	A	C	A	A	A
	Storage / *Link Dist.	375	*885	375	400	*737	400	300	*2,251	300	300	*1,602	300	
	SimTraffic 95th Queue	33	33	34	67	31	34	45	52	22	46	69	5	
Queue Block Time (%)														
Denied Entry														
120	US 83 & 57th Ave N (Unsignalized)													
	Lanes	<↑		→	<↑>			←	↑↑	→	<↑↑		→	
	Volume	10	2	75	5	2	2	60	347	2	2	420	21	
	Sign Control	Stop			Stop			Free			Free			
	Synchro Delay	-			-			-			-			
	Synchro LOS	n/a		n/a	n/a			n/a	n/a	n/a	n/a		n/a	n/a
	SimTraffic Delay	16.1		3.3	15.6			5.0	2.0	1.2	1.4		0.9	
	SimTraffic LOS	C		A	C			A	A	A	A		A	A
	Storage / *Link Dist.	*931		350	*409			375		225	*2,922		425	
	SimTraffic 95th Queue	22		32	20			38			9			
Queue Block Time (%)														
Denied Entry														
130	US 83 & LaSalle Dr (Signalized -- Cycle Length: 105)													
	Lanes	←	↑>		←←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	10	5	110	44	5	9	80	390	78	15	460	25	
	Phasing	Perm	NA		Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	Perm	
	Synchro Delay	46.7	18.6		50.1	32.2	0.3	62.6	7.2	0.2	51.1	14.8	-	
	Synchro LOS	D	B		D	C	A	E	A	A	D	B	A	B
	SimTraffic Delay	55.1	56.3		51.8	49.2	6.3	45.3	5.8	2.8	45.9	9.6	2.6	
	SimTraffic LOS	E	E		D	D	A	D	A	A	D	A	A	B
	Storage / *Link Dist.	100	*788		250	*382	250	350	*1,495	625	375	*2,274	325	
	SimTraffic 95th Queue	28	77		61	17	21	116	74	27	29	109	15	
Queue Block Time (%)		1												
Denied Entry														
140	US 83 & Skyline Blvd (Signalized -- Cycle Length: 105)													
	Lanes				←←		→		↑↑	→	←	↑↑		
	Volume				249		61		487	270	54	560		
	Phasing				Prot		Perm		NA	Perm	Prot	NA		
	Synchro Delay				55.0		13.4		5.3	2.8	61.7	2.5		
	Synchro LOS				E		B		A	A	E	A		B
	SimTraffic Delay				44.8		7.3		7.4	4.9	51.9	4.9		
	SimTraffic LOS				D		A		A	A	D	A		B
	Storage / *Link Dist.				250		300		*1,218	500	275	*1,495		
	SimTraffic 95th Queue				194		47		111	79	92	70		
Queue Block Time (%)														
Denied Entry														
150	US 83 & 43rd Ave N (Signalized -- Cycle Length: 105)													
	Lanes	←	↑	→	←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	87	99	203	51	105	30	168	640	59	40	649	120	
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	52.2	45.1	10.4	43.7	45.7	0.8	66.2	6.0	0.5	53.2	11.9	5.8	
	Synchro LOS	D	D	B	D	D	A	E	A	A	D	B	A	B
	SimTraffic Delay	59.6	35.6	10.2	52.1	40.8	7.0	50.0	7.8	3.6	44.7	12.5	5.8	
	SimTraffic LOS	E	D	B	D	D	A	D	A	A	D	B	A	B
	Storage / *Link Dist.	125	*737	375	125	*700	350	475	*1,256	325	475	*1,218	325	
	SimTraffic 95th Queue	127	114	84	92	136	30	193	130	25	64	159	54	
Queue Block Time (%)	2				2									
Denied Entry														

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
160	US 83 & Holiday Inn Dwy (Unsignalized)													
	Lanes				←		→		↑↑	→	←	↑↑		
	Volume				62		7		860	80	3		900	
	Sign Control				Stop				Free			Free		
	Synchro Delay				-				-			-		
	Synchro LOS				n/a		n/a		n/a	n/a	n/a		n/a	n/a
	SimTraffic Delay				66.6		5.1		2.8	3.2	6.5		2.6	
	SimTraffic LOS				F		A		A	A	A		A	A
	Storage / *Link Dist.				*251		*251			100	100			
	SimTraffic 95th Queue				131		20				13			
Queue Block Time (%)														
Denied Entry														
170	US 83 & Calgary Ave (Signalized -- Cycle Length: 105)													
	Lanes	←		↑>	←		↑>	←	↑↑	→	←	↑↑↑>		
	Volume	85	103	150	60	87	53	103	802	95	40	830	92	
	Phasing	Perm		NA	Perm		NA	Prot	NA	Perm	Prot		NA	
	Synchro Delay	50.2		58.8	103.4		39.1	71.6	10.3	2.2	52.0		15.5	
	Synchro LOS	D		E	F		D	E	B	A	D		B	
	SimTraffic Delay	61.7		51.5	56.1		41.8	49.4	13.8	5.2	52.6		11.2	
	SimTraffic LOS	E		D	E		D	D	B	A	D		B	
	Storage / *Link Dist.	125		*682	300		*698	500	*1,156	*1,156	500		*1,212	
	SimTraffic 95th Queue	159		275	88		145	143	208	53	78		175	
Queue Block Time (%)	1		20											
Denied Entry														
180	US 83 & Weiss Ave/Harvest Ln (Signalized -- Cycle Length: 90)													
	Lanes	←	↑	→	←	↑	→	←	↑↑↑>		←	↑↑↑	→	
	Volume	85	68	201	81	76	110	165	805	100	40	940	60	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot		NA	Prot	NA	Perm	
	Synchro Delay	33.4	59.2	19.1	33.0	65.4	14.7	61.2		10.0	45.2	14.6	0.2	
	Synchro LOS	C	E	B	C	E	B	E		B	D	B	A	
	SimTraffic Delay	36.6	45.4	12.1	33.7	45.2	6.8	47.7		11.2	48.7	15.8	6.3	
	SimTraffic LOS	D	D	B	C	D	A	D		B	D	B	A	
	Storage / *Link Dist.	*454	*454	*454	150	*451	150	550	*1,281		250	*1,156	300	
	SimTraffic 95th Queue	105	94	108	100	115	68	183	145		70	225	39	
Queue Block Time (%)														
Denied Entry														
190	US 83 & Century Ave (Signalized -- Cycle Length: 105)													
	Lanes	←	↑↑	→	←	↑↑	→	←←	↑↑↑	→	←←	↑↑↑	→	
	Volume	110	342	186	222	326	100	217	860	236	95	1,000	127	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	29.5	48.4	9.6	47.1	41.6	3.3	53.7	21.0	8.3	52.0	22.8	2.9	
	Synchro LOS	C	D	A	D	D	A	D	C	A	D	C	A	
	SimTraffic Delay	38.0	55.7	14.5	46.2	36.3	6.5	49.6	22.8	10.4	49.6	26.5	10.9	
	SimTraffic LOS	D	E	B	D	D	A	D	C	B	D	C	B	
	Storage / *Link Dist.	300	*538	200	200	*757	150	250	*590	300	150	*1,281	150	
	SimTraffic 95th Queue	122	247	106	227	212	54	166	178	125	80	283	102	
Queue Block Time (%)				4	1						14			
Denied Entry														
200	US 83 & McDonalds Dwy (Unsignalized)													
	Lanes			→			→	←	↑↑↑>		←	↑↑↑>		
	Volume			18			83	10	1,230	10	50	1,310	48	
	Sign Control								Free			Free		
	Synchro Delay								-			-		
	Synchro LOS			n/a			n/a	n/a	n/a		n/a	n/a		
	SimTraffic Delay			10.0			9.1	21.2	2.8		19.9	3.7		
	SimTraffic LOS			A			A	C	A		C	A		
	Storage / *Link Dist.			*323			*305	200	*545		200	*590		
	SimTraffic 95th Queue			39			69	34	3		77	3		
Queue Block Time (%)														
Denied Entry														

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
210	US 83 & Interstate Ave (Signalized -- Cycle Length: 105)													
	Lanes	←	↑	→	←	↑	→	←←	↑↑↑	→	←←	↑↑↑	→	
	Volume	99	162	210	186	142	88	250	1,063	240	87	1,162	79	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	26.4	57.0	10.7	31.3	43.0	6.6	70.6	10.2	1.8	59.1	14.9	0.3	
	Synchro LOS	C	E	B	C	D	A	E	B	A	E	B	A	C
	SimTraffic Delay	29.0	45.4	18.7	33.8	36.2	10.1	83.3	14.4	4.2	50.8	21.3	7.0	
	SimTraffic LOS	C	D	B	C	D	B	F	B	A	D	C	A	C
	Storage / *Link Dist.	175	*394	*394	300	*526	300	300	*657	400	250	*545	100	
	SimTraffic 95th Queue	105	183	140	184	151	69	235	173	63	101	269	130	
Queue Block Time (%)		2									37			
Denied Entry														
220	US 83 & I-94 North Ramps (Signalized -- Cycle Length: 105)													
	Lanes				←	<↑>	→	←	↑↑↑			↑↑↑	→	
	Volume				66	1	53	150	1,500			1,169	389	
	Phasing				Split	NA	Perm	Prot	NA			NA	Perm	
	Synchro Delay				55.2	40.5	7.6	34.4	5.9			5.2	0.8	
	Synchro LOS				E	D	A	C	A			A	A	A
	SimTraffic Delay				49.6	48.2	20.9	48.8	4.9			6.1	5.9	
	SimTraffic LOS				D	D	C	D	A			A	A	A
	Storage / *Link Dist.				300	*993	300	450	*649			*657	500	
	SimTraffic 95th Queue				122	122	122	162	137			97	67	
Queue Block Time (%)														
Denied Entry														
230	State St/US 83 & I-94 South Ramps (Signalized -- Cycle Length: 105)													
	Lanes	←	<↑>	→					↑↑↑	→	←	↑↑↑		
	Volume	330	1	193					1,320	102	119	1,116		
	Phasing	Split	NA	Perm					NA	Perm	Prot	NA		
	Synchro Delay	50.0	49.1	23.8					8.8	0.7	46.5	12.2		
	Synchro LOS	D	D	C					A	A	D	B		B
	SimTraffic Delay	39.0	62.0	25.4					8.8	2.7	50.9	9.2		
	SimTraffic LOS	D	E	C					A	A	D	A		B
	Storage / *Link Dist.	350	*924	350					*281	250	500	*649		
	SimTraffic 95th Queue	258	258	258					160	39	144	182		
Queue Block Time (%)														
Denied Entry														
240	State St & N 12th St/Interchange Ave (Unsignalized)													
	Lanes	<↑		→	<↑		→	←	↑↑↑>		←	↑↑↑>		
	Volume	10	20	25	25	20	62	25	1,350	125	20	1,270	19	
	Sign Control	Stop			Stop			Free			Free			
	Synchro Delay	-			-			-			-			
	Synchro LOS	n/a		n/a	n/a		n/a	n/a	n/a		n/a	n/a		n/a
	SimTraffic Delay	61.7		8.8	66.5		17.4	10.2	3.1		20.8	2.4		
	SimTraffic LOS	F		A	F		C	B	A		C	A		A
	Storage / *Link Dist.	*182		*182	*633		50	150	*394		150	*281		
	SimTraffic 95th Queue	65		46	130		75	31	4		38	5		
Queue Block Time (%)				21			3							
Denied Entry														
250	State St & Capitol Ave (Signalized -- Cycle Length: 105)													
	Lanes	←	↑>		←	↑	→	←	↑↑↑>		←	↑↑↑>		
	Volume	100	50	125	100	50	150	75	1,250	10	100	1,070	150	
	Phasing	Perm	NA		Perm	NA	Perm	Prot	NA		Prot	NA		
	Synchro Delay	46.9	20.8		65.5	36.8	8.8	60.1	14.1		84.1	3.7		
	Synchro LOS	D	C		E	D	A	E	B		F	A		B
	SimTraffic Delay	41.3	38.1		38.9	33.3	11.9	51.2	14.2		63.0	5.9		
	SimTraffic LOS	D	D		D	C	B	D	B		E	A		B
	Storage / *Link Dist.	150	*522		100	*827	300	125	*688		125	*394		
	SimTraffic 95th Queue	129	161		117	89	98	120	235		123	130		
Queue Block Time (%)	2			5			1		13		3			
Denied Entry														

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
110	US 83 & 71st Ave N (Signalized -- Cycle Length: 109.4)													
	Lanes	←	↑	→	←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	44	50	49	75	63	87	99	516	215	99	327	46	
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	21.9	21.0	2.8	23.4	21.2	7.4	23.4	16.7	4.0	23.3	15.6	1.2	
	Synchro LOS	C	C	A	C	C	A	C	B	A	C	B	A	B
	SimTraffic Delay	30.7	23.7	5.0	29.2	23.1	6.4	29.6	13.2	6.0	28.8	11.7	3.4	
	SimTraffic LOS	C	C	A	C	C	A	C	B	A	C	B	A	B
	Storage / *Link Dist.	375	*885	375	400	*737	400	300	*2,251	300	300	*1,602	300	
	SimTraffic 95th Queue	54	57	41	84	63	48	86	113	55	95	78	14	
Queue Block Time (%)														
Denied Entry														
120	US 83 & 57th Ave N (Unsignalized)													
	Lanes	<↑		→	<↑>			←	↑↑	→	<↑↑		→	
	Volume	10	2	75	5	2	2	41	818	2	2	440	9	
	Sign Control	Stop			Stop			Free			Free			
	Synchro Delay	-			-			-			-			
	Synchro LOS	n/a		n/a	n/a			n/a	n/a	n/a	n/a		n/a	n/a
	SimTraffic Delay	24.4		3.4	28.1			5.3	3.1	2.8	1.3		1.1	
	SimTraffic LOS	C		A	D			A	A	A	A		A	A
	Storage / *Link Dist.	*931		350	*409			375		225	*2,922		425	
	SimTraffic 95th Queue	21		34	18			26			8		4	
Queue Block Time (%)														
Denied Entry														
130	US 83 & LaSalle Dr (Signalized -- Cycle Length: 105)													
	Lanes	←	↑>		←←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	20	5	120	50	5	10	80	831	63	10	490	20	
	Phasing	Perm	NA		Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	Perm	
	Synchro Delay	49.7	18.5		50.3	31.8	1.0	64.2	9.9	0.1	50.2	15.1	0.1	
	Synchro LOS	D	B		D	C	A	E	A	A	D	B	A	B
	SimTraffic Delay	51.0	58.3		45.3	35.2	7.6	42.7	7.9	3.1	56.6	10.3	3.0	
	SimTraffic LOS	D	E		D	D	A	D	A	A	E	B	A	B
	Storage / *Link Dist.	100	*788		250	*382	250	350	*1,495	625	375	*2,274	325	
	SimTraffic 95th Queue	36	88		70	23	19	121	136	30	21	109	14	
Queue Block Time (%)	1													
Denied Entry														
140	US 83 & Skyline Blvd (Signalized -- Cycle Length: 105)													
	Lanes				←←		→		↑↑	→	←	↑↑		
	Volume				330		114		860	420	57	603		
	Phasing				Prot		Perm		NA	Perm	Prot	NA		
	Synchro Delay				54.6		10.6		4.0	0.8	54.5	3.7		
	Synchro LOS				D		B		A	A	D	A		B
	SimTraffic Delay				46.5		10.9		7.4	7.2	48.8	6.3		
	SimTraffic LOS				D		B		A	A	D	A		B
	Storage / *Link Dist.				250		300		*1,218	500	275	*1,495		
	SimTraffic 95th Queue				246		71		117	102	96	97		
Queue Block Time (%)				1										
Denied Entry														
150	US 83 & 43rd Ave N (Signalized -- Cycle Length: 105)													
	Lanes	←	↑	→	←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	110	201	210	65	191	60	211	1,110	101	71	762	100	
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	66.1	47.6	8.2	47.2	46.4	0.9	78.1	7.9	1.4	60.1	27.1	10.0	
	Synchro LOS	E	D	A	D	D	A	E	A	A	E	C	B	C
	SimTraffic Delay	97.2	42.7	12.5	62.3	39.3	13.0	83.9	10.2	4.5	55.2	19.3	8.1	
	SimTraffic LOS	F	D	B	E	D	B	F	B	A	E	B	A	C
	Storage / *Link Dist.	125	*737	375	125	*700	350	475	*1,256	325	475	*1,218	325	
	SimTraffic 95th Queue	183	244	101	115	190	51	286	199	31	101	209	49	
Queue Block Time (%)	19	9		1		6								
Denied Entry														

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
160	US 83 & Holiday Inn Dwy (Unsignalized)													
	Lanes				←		→		↑↑	→	←	↑↑		
	Volume				28		22		1,400	65	5	1,032		
	Sign Control				Stop				Free			Free		
	Synchro Delay				-				-			-		
	Synchro LOS				n/a		n/a		n/a	n/a	n/a	n/a		n/a
	SimTraffic Delay				231.2		9.9		3.0	3.5	16.6	4.1		
	SimTraffic LOS				F		A		A	A	C	A		A
	Storage / *Link Dist.				*251		*251			100	100			
	SimTraffic 95th Queue				113		28			4	22			
Queue Block Time (%)														
Denied Entry														
170	US 83 & Calgary Ave (Signalized -- Cycle Length: 105)													
	Lanes	←	↑	→	←	↑	→	←	↑↑	→	←	↑↑↑	→	
	Volume	90	107	151	82	135	98	142	1,277	124	50	935	75	
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	97.6	53.8	128.3	54.8	68.8	9.1	1.1	76.0	6.7				
	Synchro LOS	F	D	F	D	E	A	A	E	A				C
	SimTraffic Delay	155.6	111.3	92.5	61.8	55.1	12.0	3.5	56.0	6.2				
	SimTraffic LOS	F	F	F	E	E	B	A	E	A				C
	Storage / *Link Dist.	125	*682	300	*698	500	*1,156	*1,156	500	*1,212				
	SimTraffic 95th Queue	221	660	172	290	204	234	47	80	93				
Queue Block Time (%)	17	47		2										
Denied Entry														
180	US 83 & Weiss Ave/Harvest Ln (Signalized -- Cycle Length: 105)													
	Lanes	←	↑	→	←	↑	→	←	↑↑↑	→	←	↑↑↑	→	
	Volume	128	55	201	102	72	60	200	1,355	95	43	1,030	95	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	38.6	47.9	14.2	41.6	67.5	2.5	61.7	6.8	58.3	7.7	0.4		
	Synchro LOS	D	D	B	D	E	A	E	A	E	A	A		B
	SimTraffic Delay	37.5	43.5	13.8	41.0	49.1	8.0	65.0	7.7	53.7	12.0	4.2		
	SimTraffic LOS	D	D	B	D	D	A	E	A	D	B	A		B
	Storage / *Link Dist.	*454	*454	*454	150	*451	150	550	*1,281	250	*1,156	300		
	SimTraffic 95th Queue	154	75	111	124	114	58	215	76	71	161	45		
Queue Block Time (%)														
Denied Entry														
190	US 83 & Century Ave (Signalized -- Cycle Length: 105)													
	Lanes	←	↑↑	→	←	↑↑	→	←←	↑↑↑	→	←←	↑↑↑	→	
	Volume	150	411	196	252	521	96	232	1,404	351	110	1,120	103	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	40.2	50.1	9.2	58.2	49.4	2.8	63.3	17.2	5.6	35.3	30.8	9.7	
	Synchro LOS	D	D	A	E	D	A	E	B	A	D	C	A	C
	SimTraffic Delay	54.4	93.0	20.8	115.3	130.4	45.7	95.1	22.1	13.9	50.7	30.7	13.6	
	SimTraffic LOS	D	F	C	F	F	D	F	C	B	D	C	B	D
	Storage / *Link Dist.	300	*538	200	200	*757	150	250	*590	300	150	*1,281	150	
	SimTraffic 95th Queue	282	416	214	357	870	282	264	246	167	87	336	256	
Queue Block Time (%)		9		18	65		7	1			25			
Denied Entry														
200	US 83 & McDonalds Dwy (Unsignalized)													
	Lanes			→			→	←	↑↑↑	→	←	↑↑↑	→	
	Volume			51			67	10	1,920	10	28	1,500	40	
	Sign Control								Free			Free		
	Synchro Delay								-			-		
	Synchro LOS			n/a			n/a	n/a	n/a		n/a	n/a		n/a
	SimTraffic Delay			44.8			17.1	34.2	4.4	25.7	6.1			
	SimTraffic LOS			E			C	D	A	D	A			A
	Storage / *Link Dist.			*323			*305	200		200	*590			
	SimTraffic 95th Queue			114			72	29		62	102			
Queue Block Time (%)														
Denied Entry														

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
210	US 83 & Interstate Ave (Signalized -- Cycle Length: 105)													
	Lanes	←	↑	→	←	↑	→	←←	↑↑↑	→	←←	↑↑↑	→	
	Volume	111	109	240	270	151	114	285	1,715	210	65	1,399	87	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	28.2	53.8	12.8	37.1	46.1	5.3	65.8	17.8	1.3	47.2	28.2	4.5	
	Synchro LOS	C	D	B	D	D	A	E	B	A	D	C	A	C
	SimTraffic Delay	30.1	46.1	24.0	39.2	36.4	16.8	71.4	17.5	4.8	46.9	48.1	33.0	
	SimTraffic LOS	C	D	C	D	D	B	E	B	A	D	D	C	C
	Storage / *Link Dist.	175	*394	*394	300	*526	300	300	*657	400	250	*545	100	
	SimTraffic 95th Queue	117	140	169	270	178	129	211	250	60	82	571	285	
Queue Block Time (%)				1							60			
Denied Entry														
220	US 83 & I-94 North Ramps (Signalized -- Cycle Length: 105)													
	Lanes				←	<↑>	→	←	↑↑↑			↑↑↑	→	
	Volume				82	1	140	295	2,070			1,240	669	
	Phasing				Split	NA	Perm	Prot	NA		NA	Perm		
	Synchro Delay				57.5	49.8	19.6	31.9	5.0			8.2	6.4	
	Synchro LOS				E	D	B	C	A			A	A	A
	SimTraffic Delay				46.9	61.5	28.4	43.5	5.7			10.5	14.8	
	SimTraffic LOS				D	E	C	D	A			B	B	B
	Storage / *Link Dist.				300	*993	300	450	*649			*657	500	
	SimTraffic 95th Queue				168	168	168	261	151			118	190	
Queue Block Time (%)														
Denied Entry														
230	State St/US 83 & I-94 South Ramps (Signalized -- Cycle Length: 105)													
	Lanes	←	<↑>	→					↑↑↑	→	←	↑↑↑		
	Volume	500	1	265					1,865	220	150	1,172		
	Phasing	Split	NA	Perm					NA	Perm	Prot	NA		
	Synchro Delay	60.0	62.9	35.7					13.1	1.1	53.8	12.8		
	Synchro LOS	E	E	D					B	A	D	B		C
	SimTraffic Delay	46.2	72.4	32.3					9.0	2.9	40.8	10.6		
	SimTraffic LOS	D	E	C					A	A	D	B		B
	Storage / *Link Dist.	350	*924	350					*281	250	500	*649		
	SimTraffic 95th Queue	351	351	351					202	80	158	186		
Queue Block Time (%)														
Denied Entry														
240	State St & N 12th St/Interchange Ave (Unsignalized)													
	Lanes	<↑		→	<↑		→	←	↑↑↑>		←	↑↑↑>		
	Volume	10	20	25	25	20	75	25	2,000	125	20	1,400	17	
	Sign Control	Stop			Stop				Free			Free		
	Synchro Delay	-			-				-			-		
	Synchro LOS	n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a
	SimTraffic Delay	78.7	11.6		74.8	28.3		18.7	5.2		38.0	2.7		
	SimTraffic LOS	F	B		F	D		C	A		E	A		A
	Storage / *Link Dist.	*182	*182		*633	50		150	*394		150	*281		
	SimTraffic 95th Queue	84	51		138	85		42	34		39	3		
Queue Block Time (%)				24	11									
Denied Entry														
250	State St & Capitol Ave (Signalized -- Cycle Length: 105)													
	Lanes	←	↑>		←	↑	→	←	↑↑↑>		←	↑↑↑>		
	Volume	100	50	125	100	50	150	75	1,900	10	100	1,200	150	
	Phasing	Perm	NA		Perm	NA	Perm	Prot	NA		Prot	NA		
	Synchro Delay	47.3	20.2		67.2	37.0	10.9	57.5	19.0		69.7	2.2		
	Synchro LOS	D	C		E	D	B	E	B		E	A		B
	SimTraffic Delay	42.9	31.5		40.4	31.5	19.8	55.3	19.9		63.0	6.5		
	SimTraffic LOS	D	C		D	C	B	E	B		E	A		B
	Storage / *Link Dist.	150	*522		100	*827	300	125	*688		125	*394		
	SimTraffic 95th Queue	125	140		111	88	120	211	396		134	147		
Queue Block Time (%)	1	1		6			1	28		4				
Denied Entry														