

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall				
110	US 83 & 71st Ave N (Signalized -- Cycle Length: 150)																	
	Lanes	← ↑ →			← ↑ →			← ↑↑ →			← ↑↑ →							
	Volume	92	237	660	650	237	246	92	567	71	215	1,199	216					
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm					
	Synchro Delay	19.7	20.2	23.2	168.0	20.2	2.7	93.1	58.6	2.3	83.5	118.9	14.8					
Synchro LOS	B	C	C	F	C	A	F	E	A	F	F	B	E					
120	US 83 & 57th Ave N (Unsignalized)																	
	Lanes	<↑ →			<↑>			← ↑↑ →			<↑↑ →							
	Volume	283	5	312	5	7	3	170	444	5	3	2,193	313					
	Sign Control	Stop			Stop			Free			Free							
	Synchro Delay	-			-			-			-							
Synchro LOS	n/a			n/a			n/a			n/a			n/a					
130	US 83 & LaSalle Dr (Signalized -- Cycle Length: 140)																	
	Lanes	← ↑>			←← ↑ →			← ↑↑ →			← ↑↑ →							
	Volume	290	64	615	55	81	34	490	295	55	52	1,867	591					
	Phasing	Perm	NA		Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	Perm					
	Synchro Delay	154.6	156.0		69.9	40.9	0.2	186.9	6.2	0.1	70.4	172.7	17.0					
Synchro LOS	F	F		E	D	A	F	A	A	E	F	B	F					
140	US 83 & Skyline Blvd (Signalized -- Cycle Length: 140)																	
	Lanes				←← ↑ →			↑↑ →			← ↑↑							
	Volume				319			105			735			292	120	2,417		
	Phasing				Prot			Perm			NA			Perm	Prot	NA		
	Synchro Delay				72.0			13.0			2.1			0.1	58.6	10.7		
Synchro LOS				E			B			A			A	E	B			
150	US 83 & 43rd Ave N (Signalized -- Cycle Length: 140)																	
	Lanes	← ↑ →			← ↑ →			← ↑↑ →			← ↑↑ →							
	Volume	180	722	570	135	685	105	407	742	50	189	2,247	300					
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm					
	Synchro Delay	958.7	57.6	19.2	825.9	50.9	5.2	437.1	30.0	2.5	64.0	437.6	24.3					
Synchro LOS	F	E	B	F	D	A	F	C	A	E	F	C	F					
160	US 83 & Holiday Inn Dwy (Unsignalized)																	
	Lanes				← ↑ →			↑↑ →			← ↑↑							
	Volume				16			4			1,195			65	8	2,944		
	Sign Control				Stop			Free			Free							
	Synchro Delay				-			-			-							
Synchro LOS				n/a			n/a			n/a			n/a	n/a	n/a			
170	US 83 & Calgary Ave (Signalized -- Cycle Length: 140)																	
	Lanes	← ↑>			← ↑>			← ↑↑ →			← ↑↑↑>							
	Volume	116	103	150	79	108	56	94	1,088	71	90	2,704	166					
	Phasing	Perm	NA		Perm	NA		Prot	NA	Perm	Prot	NA						
	Synchro Delay	85.5	57.4		156.6	50.8		116.8	5.5	0.2	56.4	11.5						
Synchro LOS	F	E		F	D		F	A	A	E	B		C					
180	US 83 & Weiss Ave/Harvest Ln (Signalized -- Cycle Length: 140)																	
	Lanes	← ↑ →			← ↑ →			← ↑↑↑>			← ↑↑↑ →							
	Volume	69	10	40	45	20	98	41	1,086	38	120	2,588	225					
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA		Prot	NA	Perm					
	Synchro Delay	61.1	63.8	1.9	56.6	66.8	11.8	57.0	15.5		43.0	1.9	0.2					
Synchro LOS	E	E	A	E	E	B	E	B		D	A	A	A					
190	US 83 & Century Ave (Signalized -- Cycle Length: 140)																	
	Lanes	← ↑↑ →			← ↑↑ →			←← ↑↑↑ →			←← ↑↑↑ →							
	Volume	60	581	251	490	616	85	342	1,020	689	227	2,286	160					
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm					
	Synchro Delay	32.3	107.4	29.5	154.6	41.2	1.9	165.6	21.8	11.5	80.9	75.6	3.7					
Synchro LOS	C	F	C	F	D	A	F	C	B	F	E	A	E					
200	US 83 & McDonalds Dwy (Unsignalized)																	
	Lanes							← ↑↑↑>			← ↑↑↑>							
	Volume				60			18			5			2,033	4	44	2,926	57
	Sign Control										Free			Free				
	Synchro Delay										-			-				
Synchro LOS				n/a			n/a			n/a			n/a			n/a		

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
210	US 83 & Interstate Ave (Signalized -- Cycle Length: 140)													
	Lanes	←	↑	→	←	↑	→	←←	↑↑↑	→	←←	↑↑↑	→	
	Volume	108	329	166	140	190	113	256	1,821	353	211	2,769	6	6
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	45.4	94.9	16.4	79.8	57.4	9.8	132.2	17.0	2.1	49.9	30.8	-	-
Synchro LOS	D	F	B	E	E	A	F	B	A	D	C	A	C	
220	US 83 & I-94 North Ramps (Signalized -- Cycle Length: 140)													
	Lanes				←	<↑>	→	←	↑↑↑			↑↑↑	→	
	Volume				315	2	255	288	2,175			2,301	774	
	Phasing				Split	NA	Perm	Prot	NA			NA	Perm	
	Synchro Delay				74.8	69.6	51.0	91.4	0.8			9.4	3.2	
Synchro LOS				E	E	D	F	A			A	A	B	
230	State St/US 83 & I-94 South Ramps (Signalized -- Cycle Length: 140)													
	Lanes	←	<↑>	→					↑↑↑	→	←	↑↑↑		
	Volume	1,133	2	335					1,330	123	400	2,216		
	Phasing	Split	NA	Perm					NA	Perm	Prot	NA		
	Synchro Delay	68.3	74.8	28.9					43.1	4.1	69.5	11.6		
Synchro LOS	E	E	C					D	A	E	B		D	
240	State St & N 12th St/Interchange Ave (Unsignalized)													
	Lanes	<↑		→	<↑		→	←	↑↑↑>		←	↑↑↑>		
	Volume	12	23	29	29	23	169	29	1,272	146	35	2,493	23	
	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	
250	State St & Capitol Ave (Signalized -- Cycle Length: 140)													
	Lanes	←	↑>		←	↑	→	←	↑↑↑>		←	↑↑↑>		
	Volume	166	74	208	110	78	164	124	1,117	10	140	2,114	297	
	Phasing	Perm	NA		Perm	NA	Perm	Prot	NA		Prot	NA		
	Synchro Delay	55.9	38.1		135.9	42.5	7.5	94.8	20.7		44.5	11.2		
Synchro LOS	E	D		F	D	A	F	C		D	B		C	

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
110	US 83 & 71st Ave N (Signalized -- Cycle Length: 55)													
	Lanes	←	↑	→	←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	69	83	217	206	114	81	204	629	212	106	875	62	
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	18.5	17.3	5.4	29.8	18.1	0.6	25.8	16.2	3.9	21.2	27.4	0.3	
Synchro LOS	B	B	A	C	B	A	C	B	A	C	C	A	B	
120	US 83 & 57th Ave N (Unsignalized)													
	Lanes	<↑		→	<↑>			←	↑↑	→	<↑↑		→	
	Volume	316	6	395	5	7	4	225	725	5	2	839	457	
	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	n/a
130	US 83 & LaSalle Dr (Signalized -- Cycle Length: 120)													
	Lanes	←	↑>		←←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	230	80	620	47	69	39	458	686	98	66	690	483	
	Phasing	Perm	NA		Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	Perm	
	Synchro Delay	43.8	64.3		57.2	23.7	0.1	50.9	7.4	0.4	58.4	62.2	8.5	
Synchro LOS	D	E		E	C	A	D	A	A	E	E	A	D	
140	US 83 & Skyline Blvd (Signalized -- Cycle Length: 120)													
	Lanes				←←		→		↑↑	→	←	↑↑		
	Volume				603		200		1,042	658	165	1,192		
	Phasing				Prot		Perm		NA	Perm	Prot	NA		
	Synchro Delay				51.9		6.9		9.3	0.7	67.9	1.8		
Synchro LOS				D		A		A	A	E	A		B	
150	US 83 & 43rd Ave N (Signalized -- Cycle Length: 120)													
	Lanes	←	↑	→	←	↑	→	←	↑↑	→	←	↑↑	→	
	Volume	354	433	553	106	441	95	437	1,251	124	122	1,215	458	
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	299.7	29.9	8.7	32.2	30.2	3.2	234.8	40.9	7.2	115.6	147.7	28.1	
Synchro LOS	F	C	A	C	C	A	F	D	A	F	F	C	F	
160	US 83 & Holiday Inn Dwy (Unsignalized)													
	Lanes				←		→		↑↑	→	←	↑↑		
	Volume				80		10		1,802	99	5	1,869		
	Sign Control				Stop				Free			Free		
	Synchro Delay				-				-			-		
Synchro LOS				n/a		n/a		n/a	n/a	n/a	n/a	n/a	n/a	
170	US 83 & Calgary Ave (Signalized -- Cycle Length: 120)													
	Lanes	←	↑>		←	↑>		←	↑↑	→	←	↑↑↑>		
	Volume	196	141	185	68	108	115	116	1,590	112	90	1,659	200	
	Phasing	Perm	NA		Perm	NA		Prot	NA	Perm	Prot	NA		
	Synchro Delay	86.9	39.6		51.2	32.0		52.7	13.1	0.7	83.2	8.2		
Synchro LOS	F	D		D	C		D	B	A	F	A		B	
180	US 83 & Weiss Ave/Harvest Ln (Signalized -- Cycle Length: 120)													
	Lanes	←	↑	→	←	↑	→	←	↑↑↑>		←	↑↑↑	→	
	Volume	185	77	185	80	80	250	160	1,383	90	112	1,670	130	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA		Prot	NA	Perm	
	Synchro Delay	53.1	49.4	10.7	40.7	60.2	15.6	44.4	9.0		40.2	22.6	6.0	
Synchro LOS	D	D	B	D	E	B	D	A		D	C	A	C	
190	US 83 & Century Ave (Signalized -- Cycle Length: 120)													
	Lanes	←	↑↑	→	←	↑↑	→	←←	↑↑↑	→	←←	↑↑↑	→	
	Volume	130	575	310	500	551	160	364	1,343	535	145	1,649	141	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	28.9	70.9	36.8	113.8	33.9	5.4	86.3	31.2	7.5	55.0	50.8	10.7	
Synchro LOS	C	E	D	F	C	A	F	C	A	D	D	B	D	
200	US 83 & McDonalds Dwy (Unsignalized)													
	Lanes			→			→	←	↑↑↑>		←	↑↑↑>		
	Volume			21			102	10	2,140	10	67	2,327	65	
	Sign Control								Free			Free		
	Synchro Delay								-			-		
Synchro LOS			n/a			n/a	n/a	n/a		n/a	n/a		n/a	

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
210	US 83 & Interstate Ave (Signalized -- Cycle Length: 120)													
	Lanes	←	↑	→	←	↑	→	←←	↑↑↑	→	←←	↑↑↑	→	
	Volume	290	389	312	232	345	220	375	1,650	305	230	1,868	250	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	98.8	65.4	21.8	105.2	73.3	12.7	73.3	17.1	2.2	38.9	32.3	13.9	
Synchro LOS	F	E	C	F	E	B	E	B	A	D	C	B	D	
220	US 83 & I-94 North Ramps (Signalized -- Cycle Length: 120)													
	Lanes				←	<↑>	→	←	↑↑↑			↑↑↑	→	
	Volume				70	1	157	140	2,173			1,701	711	
	Phasing				Split	NA	Perm	Prot	NA			NA	Perm	
	Synchro Delay				54.8	47.4	18.0	46.0	4.3			2.6	2.4	
Synchro LOS				D	D	B	D	A			A	A	A	
230	State St/US 83 & I-94 South Ramps (Signalized -- Cycle Length: 120)													
	Lanes	←	<↑>	→					↑↑↑	→	←	↑↑↑		
	Volume	690	1	180					1,623	95	332	1,439		
	Phasing	Split	NA	Perm					NA	Perm	Prot	NA		
	Synchro Delay	56.5	58.2	20.6					28.0	7.0	40.9	1.0		
Synchro LOS	E	E	C					C	A	D	A		C	
240	State St & N 12th St/Interchange Ave (Unsignalized)													
	Lanes	<↑		→	<↑		→	←	↑↑↑>		←	↑↑↑>		
	Volume	13	23	30	29	23	75	29	1,630	140	24	1,572	23	
	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	
250	State St & Capitol Ave (Signalized -- Cycle Length: 120)													
	Lanes	←	↑>		←	↑	→	←	↑↑↑>		←	↑↑↑>		
	Volume	168	74	207	110	78	167	124	1,464	10	108	1,268	255	
	Phasing	Perm	NA		Perm	NA	Perm	Prot	NA		Prot	NA		
	Synchro Delay	47.7	28.0		109.0	35.4	6.5	71.0	20.3		43.9	10.7		
Synchro LOS	D	C		F	D	A	E	C		D	B		C	

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall			
110	US 83 & 71st Ave N (Signalized -- Cycle Length: 130)																
	Lanes	← ↑ →			← ↑ →			← ↑↑ →			← ↑↑ →						
	Volume	172	248	236	240	298	225	452	1,283	680	262	839	175				
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm				
	Synchro Delay	68.0	37.4	5.5	87.2	39.6	5.5	67.2	49.7	33.6	80.5	53.1	6.3				
Synchro LOS	E	D	A	F	D	A	E	D	C	F	D	A	D				
120	US 83 & 57th Ave N (Unsignalized)																
	Lanes	<↑ →			<↑>			← ↑↑ →			<↑↑ →						
	Volume	464	5	247	5	6	5	102	1,946	5	3	1,000	312				
	Sign Control	Stop			Stop			Free			Free						
	Synchro Delay	-			-			-			-						
Synchro LOS	n/a			n/a			n/a			n/a			n/a				
130	US 83 & LaSalle Dr (Signalized -- Cycle Length: 170)																
	Lanes	← ↑>			←← ↑ →			← ↑↑ →			← ↑↑ →						
	Volume	423	73	636	56	67	48	436	1,582	83	46	813	393				
	Phasing	Perm	NA		Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	Perm				
	Synchro Delay	94.3	71.5		88.8	31.7	4.0	65.9	31.5	0.1	105.6	79.0	11.8				
Synchro LOS	F	E		F	C	A	E	C	A	F	E	B	D				
140	US 83 & Skyline Blvd (Signalized -- Cycle Length: 170)																
	Lanes				←← ↑ →			↑↑ →			← ↑↑						
	Volume				790			376			1,725			967	188	1,317	
	Phasing				Prot			Perm			NA			Perm	Prot	NA	
	Synchro Delay				80.2			33.9			14.1			24.8	104.4	3.5	
Synchro LOS				F			C			B			C	F	A	C	
150	US 83 & 43rd Ave N (Signalized -- Cycle Length: 170)																
	Lanes	← ↑ →			← ↑ →			← ↑↑ →			← ↑↑ →						
	Volume	432	833	522	130	773	210	501	2,050	195	230	1,487	390				
	Phasing	Perm	NA	Perm	Perm	NA	Perm	Prot	NA	Perm	Prot	NA	Perm				
	Synchro Delay	2393.0	58.7	12.1	1025.5	49.6	6.6	425.9	385.1	20.3	309.0	328.9	58.8				
Synchro LOS	F	E	B	F	D	A	F	F	C	F	F	E	F				
160	US 83 & Holiday Inn Dwy (Unsignalized)																
	Lanes				← ↑ →			↑↑ →			← ↑↑						
	Volume				30			32			2,714			71	8	2,131	
	Sign Control				Stop			Free			Free						
	Synchro Delay				-			-			-						
Synchro LOS				n/a			n/a			n/a			n/a	n/a	n/a		
170	US 83 & Calgary Ave (Signalized -- Cycle Length: 170)																
	Lanes	← ↑>			← ↑>			← ↑↑ →			← ↑↑↑>						
	Volume	217	146	170	80	173	218	162	2,350	140	116	1,860	185				
	Phasing	Perm	NA		Perm	NA		Prot	NA	Perm	Prot	NA					
	Synchro Delay	249.3	44.0		48.4	49.5		120.8	165.7	10.7	225.4	13.1					
Synchro LOS	F	D		D	D		F	F	B	F	B		F				
180	US 83 & Weiss Ave/Harvest Ln (Signalized -- Cycle Length: 170)																
	Lanes	← ↑ →			← ↑ →			← ↑↑↑>			← ↑↑↑ →						
	Volume	268	55	210	105	72	188	188	2,196	92	125	1,790	195				
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA		Prot	NA	Perm				
	Synchro Delay	92.7	63.1	11.0	67.4	91.4	25.7	54.9	7.1		91.3	6.3	0.3				
Synchro LOS	F	E	B	E	F	C	D	A		F	A	A	B				
190	US 83 & Century Ave (Signalized -- Cycle Length: 170)																
	Lanes	← ↑↑ →			← ↑↑ →			←← ↑↑↑ →			←← ↑↑↑ →						
	Volume	172	684	352	626	872	150	376	2,154	790	160	1,840	105				
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm				
	Synchro Delay	48.9	121.3	69.3	171.4	49.3	13.7	166.7	115.3	36.3	111.4	101.2	10.6				
Synchro LOS	D	F	E	F	D	B	F	F	D	F	F	B	F				
200	US 83 & McDonalds Dwy (Unsignalized)																
	Lanes	→			→			← ↑↑↑>			← ↑↑↑>						
	Volume	58			75			10			3,245			10	34	2,730	54
	Sign Control							Free			Free						
	Synchro Delay							-			-						
Synchro LOS	n/a			n/a			n/a			n/a			n/a	n/a	n/a		

Node	Intersection	Eastbound			Westbound			Northbound			Southbound			Overall
210	US 83 & Interstate Ave (Signalized -- Cycle Length: 170)													
	Lanes	←	↑	→	←	↑	→	←←	↑↑↑	→	←←	↑↑↑	→	
	Volume	344	275	352	340	381	311	420	2,610	265	196	2,292	300	
	Phasing	pm+pt	NA	Perm	pm+pt	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	
	Synchro Delay	167.7	79.5	49.1	124.8	121.6	57.1	165.8	81.0	5.3	149.3	43.3	7.5	
Synchro LOS	F	E	D	F	F	E	F	F	A	F	D	A	E	
220	US 83 & I-94 North Ramps (Signalized -- Cycle Length: 170)													
	Lanes				←	<↑>	→	←	↑↑↑			↑↑↑	→	
	Volume				88	1	310	275	2,985			1,806	1,178	
	Phasing				Split	NA	Perm	Prot	NA			NA	Perm	
	Synchro Delay				74.0	112.1	64.2	69.3	4.8			4.4	65.1	
Synchro LOS				E	F	E	E	A			A	E	C	
230	State St/US 83 & I-94 South Ramps (Signalized -- Cycle Length: 170)													
	Lanes	←	<↑>	→					↑↑↑	→	←	↑↑↑		
	Volume	956	2	265					2,304	225	427	1,467		
	Phasing	Split	NA	Perm					NA	Perm	Prot	NA		
	Synchro Delay	127.1	135.9	46.0					89.1	10.7	164.2	12.6		
Synchro LOS	F	F	D					F	B	F	B		E	
240	State St & N 12th St/Interchange Ave (Unsignalized)													
	Lanes	<↑		→	<↑		→	←	↑↑↑>		←	↑↑↑>		
	Volume	12	23	30	29	23	87	29	2,430	142	23	1,689	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	
250	State St & Capitol Ave (Signalized -- Cycle Length: 170)													
	Lanes	←	↑>		←	↑	→	←	↑↑↑>		←	↑↑↑>		
	Volume	166	74	208	110	78	165	125	2,270	11	104	1,399	245	
	Phasing	Perm	NA		Perm	NA	Perm	Prot	NA		Prot	NA		
	Synchro Delay	67.9	49.3		176.4	51.5	8.3	90.2	28.4		100.4	15.4		
Synchro LOS	E	D		F	D	A	F	C		F	B		C	