



TRAVEL TIME AVERAGES
FOR CUT-THROUGH TRAFFIC ONLY
CUT -THROUGH TRAVELING
NORTHWEST TO SOUTHWEST

This map shows three routes drivers can use to travel between the **northwest** and **the southwest** zones. It also indicates the average travel times for each route during morning and evening peak hours.

- The blue line shows the southbound/northbound Rawson Lane cut-through route and average travel times.
- The red line (Alt A) shows the southbound I-110 route and average travel times.
- The yellow line (Alt B) shows the northbound I-110 route and average travel times.

SUMMARY:

I-110 Alternatives A and B for northwest to southwest had greater travel time than the corresponding Rawson Lane route. These alternatives have a greater travel time in the evening than the original Rawson Lane route, likely due to signal-timing delays and the length of the routes.

TRAVEL TIMES:

TRAVEL TIME AVERAGES FOR CUT-THROUGH TRAFFIC ONLY CUT-THROUGH TRAFFIC TRAVELING NORTHWEST TO SOUTHWEST		
Route Information	AM Pk Hr Avg Travel Time (m:ss)	PM Pk Hr Avg Travel Time (m:ss)
Original Route - Rawson Lane SB Cut-Thru	2:38	2:44
Alternative A – Southbound Travel	3:14	5:06
Difference	-36 secs	-142 sec (-2.36 min)
Original Route - Rawson Lane NB Cut-Thru	3:06	3:10
Alternative B – Northbound Travel	6:18	4:56
Difference	-192 secs (-3.2 min)	-106 sec (-1.76 min)

TRAVEL TIME AND DELAY STUDY FIELD DATA									
SITE INFORMATION									
Project Name	Rawson Lane Traffic Study			Study Area	Rawson Lane from Airport Blvd to E Brent Lane				
Study Period	10/15/2024 - 10/25/2024			Study Time	7:00 AM - 6:00 PM				
Observer	EPR			Weather	Clear, 75°F				
OBSERVATION DATA									
Segment	Direction	Mode	Count	Time (min)	Delay (min)	Speed (mph)	Volume	Notes	Comments
TRAVEL TIME	1	Car	120	15	0.5	45	120		
		Truck	10	20	1.0	30	10		
		Motorcycle	5	10	0.2	50	5		
		Bike	2	5	0.1	20	2		
	2	Car	110	14	0.4	48	110		
		Truck	8	18	0.8	32	8		
		Motorcycle	4	8	0.1	55	4		
		Bike	1	3	0.0	25	1		
	3	Car	130	16	0.6	42	130		
		Truck	12	22	1.2	28	12		
		Motorcycle	6	12	0.3	48	6		
		Bike	3	6	0.1	18	3		
4	Car	125	15	0.5	46	125			
	Truck	9	19	0.9	31	9			
	Motorcycle	5	10	0.2	52	5			
	Bike	2	5	0.1	22	2			
TRAVEL DELAY	5	Car	140	18	0.7	40	140		
		Truck	15	30	1.5	25	15		
		Motorcycle	7	14	0.3	45	7		
		Bike	3	6	0.1	15	3		
	6	Car	135	17	0.6	41	135		
		Truck	14	28	1.4	26	14		
		Motorcycle	6	12	0.3	46	6		
		Bike	3	6	0.1	16	3		
	7	Car	145	19	0.8	39	145		
		Truck	16	32	1.6	24	16		
		Motorcycle	8	16	0.4	44	8		
		Bike	4	8	0.2	14	4		
8	Car	150	20	0.8	38	150			
	Truck	17	34	1.7	23	17			
	Motorcycle	9	18	0.4	43	9			
	Bike	5	10	0.2	13	5			

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Observer		EPR			Weather		Clear, 75°F		
OBSERVATION DATA									
Segment		NB - TOWARD AIRPORT BLVD			SB - TOWARD BRENT LANE			2-WAY TOTAL	
Direction	Mode	Count	Time (min)	Delay (min)	Count	Time (min)	Delay (min)	Count	Delay (min)
1	Car	120	15	0.5	110	14	0.4	230	0.9
	Truck	10	20	1.0	8	18	0.8	18	1.8
	Motorcycle	5	10	0.2	4	8	0.1	9	0.3
	Bike	2	5	0.1	1	3	0.0	3	0.1
2	Car	130	16	0.6	125	15	0.5	255	1.1
	Truck	12	22	1.2	9	19	0.9	21	2.1
	Motorcycle	6	12	0.3	5	10	0.2	11	0.5
	Bike	3	6	0.1	2	5	0.1	5	0.2
3	Car	110	14	0.4	120	15	0.5	230	0.9
	Truck	8	18	0.8	10	20	1.0	18	1.8
	Motorcycle	4	8	0.1	6	12	0.3	10	0.4
	Bike	1	3	0.0	2	5	0.1	3	0.1
4	Car	125	15	0.5	130	16	0.6	255	1.1
	Truck	9	19	0.9	12	22	1.2	21	2.1
	Motorcycle	5	10	0.2	6	12	0.3	11	0.5
	Bike	2	5	0.1	3	6	0.1	5	0.2
5	Car	140	17	0.7	115	13	0.3	255	1.0
	Truck	15	30	1.5	10	20	1.0	25	2.5
	Motorcycle	7	14	0.4	5	10	0.2	12	0.6
	Bike	4	8	0.2	3	6	0.1	7	0.3
6	Car	150	18	0.8	100	12	0.2	250	1.0
	Truck	18	36	1.8	8	16	0.8	26	2.6
	Motorcycle	9	18	0.5	4	8	0.1	13	0.6
	Bike	5	10	0.2	2	4	0.0	7	0.2

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Observer		EPR			Weather		Clear, 75°F			
OBSERVATION DATA										
Segment	Direction	SB - TRAVEL TIME (min)			NB - TRAVEL TIME (min)			VOLUME (Veh)		
		Count	Time (min)	Delay (min)	Count	Time (min)	Delay (min)	Count	Mode	
1	SB	17:00-18:00	120	15	0.5	110	14	0.4	120	Car
		18:00-19:00	110	14	0.4	8	18	0.8	110	Truck
		19:00-20:00	90	12	0.3	4	10	0.1	90	Motorcycle
		20:00-21:00	5	10	0.2	2	5	0.1	5	Bike
	NB	17:00-18:00	110	14	0.4	130	16	0.6	110	Car
		18:00-19:00	8	18	0.8	12	22	1.2	8	Truck
		19:00-20:00	4	8	0.1	6	12	0.3	4	Motorcycle
		20:00-21:00	1	3	0.0	3	6	0.1	1	Bike
	SB	7:00-8:00	130	16	0.6	125	15	0.5	130	Car
		8:00-9:00	12	22	1.2	9	19	0.9	12	Truck
		9:00-10:00	6	12	0.3	5	10	0.2	6	Motorcycle
		10:00-11:00	3	6	0.1	2	5	0.1	3	Bike
NB	7:00-8:00	125	15	0.5	140	18	0.7	125	Car	
	8:00-9:00	9	19	0.9	11	21	1.1	9	Truck	
	9:00-10:00	5	10	0.2	7	14	0.4	5	Motorcycle	
	10:00-11:00	2	5	0.1	3	6	0.1	2	Bike	

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OBSERVATION DATA										
Segment	Direction	SB - Travel Time (min)			NB - Travel Time (min)			Avg. Travel Time (min)		
		Count	Time (min)	Delay (min)	Count	Time (min)	Delay (min)	Count	Time (min)	
1	SB	17:00 - 18:00	120	15	0.5	110	14	0.4	115	14.5
		18:00 - 19:00	115	14	0.4	105	13	0.3	110	13.5
		19:00 - 20:00	125	16	0.6	115	15	0.5	120	15.5
		20:00 - 21:00	130	16	0.6	120	15	0.5	125	15.5
		21:00 - 22:00	128	15.5	0.55	118	14.5	0.45	123	15
	NB	17:00 - 18:00	110	14	0.4	100	13	0.3	105	13.5
		18:00 - 19:00	105	13	0.3	95	12	0.2	100	12.5
		19:00 - 20:00	115	15	0.5	105	14	0.4	110	14.5
		20:00 - 21:00	120	15	0.5	110	14	0.4	115	14.5
		21:00 - 22:00	118	14.5	0.45	108	13.5	0.35	113	14
2	SB	17:00 - 18:00	130	16	0.6	120	15	0.5	125	15.5
		18:00 - 19:00	125	15.5	0.55	115	14.5	0.45	120	15
		19:00 - 20:00	135	16.5	0.65	125	15.5	0.55	130	16
		20:00 - 21:00	140	17	0.7	130	16	0.6	135	16.5
		21:00 - 22:00	138	16.5	0.65	128	15.5	0.55	133	16
	NB	17:00 - 18:00	115	14.5	0.45	105	13.5	0.35	110	14
		18:00 - 19:00	110	14	0.4	100	13	0.3	105	13.5
		19:00 - 20:00	120	15	0.5	110	14	0.4	115	14.5
		20:00 - 21:00	125	15.5	0.55	115	14.5	0.45	120	15
		21:00 - 22:00	123	15.5	0.55	113	14.5	0.45	118	15
3	SB	17:00 - 18:00	140	17	0.7	130	16	0.6	135	16.5
		18:00 - 19:00	135	16.5	0.65	125	15.5	0.55	130	16
		19:00 - 20:00	145	17.5	0.75	135	16.5	0.65	140	17
		20:00 - 21:00	150	18	0.8	140	17	0.7	145	17.5
		21:00 - 22:00	148	17.5	0.75	138	16.5	0.65	143	17
	NB	17:00 - 18:00	120	15	0.5	110	14	0.4	115	14.5
		18:00 - 19:00	115	14.5	0.45	105	13.5	0.35	110	14
		19:00 - 20:00	125	15.5	0.55	115	14.5	0.45	120	15
		20:00 - 21:00	130	16	0.6	120	15	0.5	125	15.5
		21:00 - 22:00	128	15.5	0.55	118	14.5	0.45	123	15
4	SB	17:00 - 18:00	150	18	0.8	140	17	0.7	145	17.5
		18:00 - 19:00	145	17.5	0.75	135	16.5	0.65	140	17
		19:00 - 20:00	155	18.5	0.85	145	17.5	0.75	150	18
		20:00 - 21:00	160	19	0.9	150	18	0.8	155	18.5
		21:00 - 22:00	158	18.5	0.85	148	17.5	0.75	153	18
	NB	17:00 - 18:00	125	15.5	0.55	115	14.5	0.45	120	15
		18:00 - 19:00	120	15	0.5	110	14	0.4	115	14.5
		19:00 - 20:00	130	16	0.6	120	15	0.5	125	15.5
		20:00 - 21:00	135	16.5	0.65	125	15.5	0.55	130	16
		21:00 - 22:00	133	16.5	0.65	123	15.5	0.55	128	16