

Interstate 405 Express Toll Lanes/State Route 167 HOT Lanes

Executive summary

Both facilities continue to meet WSDOT’s goals of allowing drivers a choice for a faster, more reliable trip while covering the costs of toll operation. Despite the significant decline in traffic from the pandemic, there was still sufficient revenue to cover operating costs between April and June.

GOAL 1 Provide a choice to people

- Due to the pandemic, there was a significant decline in traffic. On average 18,000 vehicles a day used the I-405 express toll lanes (ETL) this quarter with 11,000 choosing to pay a toll to use the lanes, while 7,000 drove toll-free. During the same quarter last year 59,000 vehicles used the lanes each day, 39,000 paid a toll and 20,000 drove toll-free. Drivers paid an average toll rate of \$0.90 for peak period, peak direction trips this quarter, and \$4.97 last year.
- An average of 3,500 drivers pay a toll to use the SR 167 HOT lanes each day. During the same time period in 2019 6,000 drivers paid a toll to use the lanes. The average peak period, peak direction toll is \$1.87 this quarter, during the same quarter in 2019 drivers paid \$4.71.

GOAL 2 Provide a faster, more predictable trip

- Drivers saved an average of half a minute using the express toll lanes compared to the general purpose lanes on trips between Bellevue and Lynnwood during peak periods.
- On SR 167 drivers saved an average of 2 minutes using the HOT lanes during peak periods.
- Both the I-405 express toll lanes and SR 167 HOT lanes continue to maintain speeds greater than their general purpose counter parts in all sections, and have maintained average speeds greater than 45 mph this quarter.
- Though traffic is returning, it is not yet back to pre-COVID levels. Drivers have less frequently needed to rely on the tolled lanes for a faster, more predictable trip.

GOAL 3 Generate revenue to reinvest in the corridor

- I-405 and SR 167 continue to generate revenue meeting the facilities’ maintenance and operation needs.
- Due to the decline in traffic from the pandemic, revenue has dropped significantly below previously forecasted levels. It is too early to determine the effect this drop in revenue will have on new investments in the corridor.
- Financial data is posted quarterly on WSDOT’s financial and performance reports webpage:

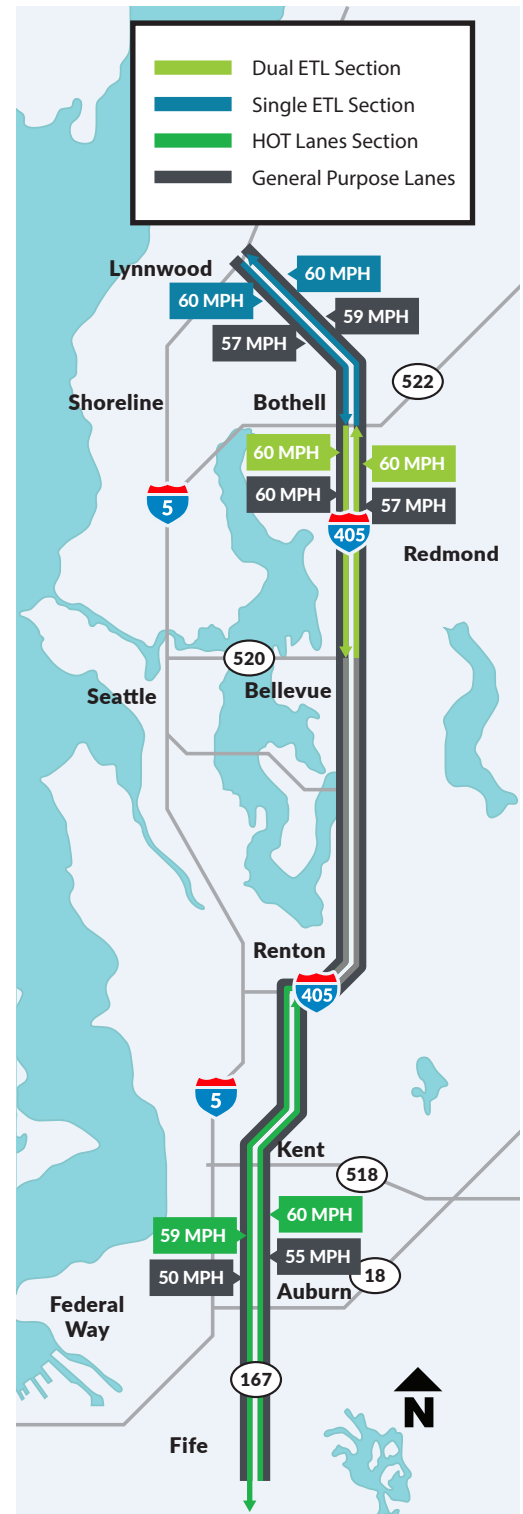
<https://www.wsdot.wa.gov/Tolling/405/library.htm>.

NOTES

In late February a state of emergency was declared due to COVID-19. At that time several large employers in the Puget Sound area began encouraging their employees to telework, quickly diminishing traffic volumes throughout the region.

Washingtonians responded positively to Gov. Jay Inslee’s various COVID-19 related initiatives implemented in March, such as closing schools (March 12), restricting gatherings to fewer than 50 people (March 16), and the Stay Home, Stay Healthy Executive Order (March 25). The order expired on May 31.

- In response to these actions the quarter 4 traffic volumes were significantly less than what they were during the same time period the year before.
- Transit ridership volumes have been similarly affected with increasing numbers of people teleworking, and avoiding mass transit options.
- Toll revenue decreased in March due to the reduced volume of traffic using toll roads and continued to stay at a minimum through June. For specific revenue information please see the FY2020 Q4 financial statements at <https://www.wsdot.wa.gov/Tolling/405/library.htm>
- The data for local arterial trips (section F) was sampled in the end of February and did not capture the effects of the decline in travel related to COVID-19.
- Beginning in March, WSDOT asked the Washington State Patrol to decrease enforcement efforts due to less traffic using the express toll lanes and to help decrease costs, and that shift is reflected in the zero WSP hours spent on the tolled lanes.



Average peak period toll lane speeds compared to average general purpose lane speeds from April to June 2020.

Legal reporting requirements

In its 2011 authorization of the I-405 express toll lanes (RCW 47.56.880), the Legislature directed WSDOT to monitor and report on certain performance metrics on an annual basis. ESHB 2322 209 (2, 8), from the 2020 budget, required quarterly reporting on the previously required metrics, and included additional performance measures.

The following chart notes the monitoring requirements and where to locate the data in this report.

LEGISLATIVE MONITORING REQUIREMENT		REPORT SECTION REFERENCE
A	Whether the express toll lanes maintain speeds of forty-five miles per hour at least ninety percent of the time during peak periods.	I-405 Page 3A, 12A Includes total percentage, and percentage split by section. SR 167 Page 3A, 12A. Includes total percentage.
B	Whether the average traffic speed changed in the general purpose lanes.	I-405 Page 3B SR 167 Page 3B
C	Whether transit ridership changed.	I-405 Page 3C. No remarkable changes or trends SR 167 Previously this was required annually. No remarkable changes or trends.
D	Whether the actual use of the express toll lanes is consistent with the projected use.	We have exceeded original forecasts for both facilities and will no longer be reporting.
E	Whether the express toll lanes generated sufficient revenue to pay for all I-405 express toll lane operating costs.	The revenue continues to cover operating costs.
F	Whether travel times and volumes have increased or decreased on adjacent local streets and state highways	I-405 Page 3F SR 167 This requirement was imposed 10 years after the creation of the HOT Lanes and we don't currently have equipment in place to collect this data.
G	Whether the actual gross revenues are consistent with projected gross revenues as identified in the fiscal note for EHB 1382 distributed by the Office of Financial Management on March 15, 2011	We have far exceeded the original forecasts and will no longer be reporting on this, unless we fall below forecasts.
H	Travel times and travel time reliability maintained in the system	Compares minimum, average and 95th percent travel times at peak and non-peak periods, compares express toll lanes to general purpose lanes, in both the entire corridor and commonly made trips within the corridor. I-405 Page 4H-11H SR 167 Not required
I	Travel times and travel time reliability compared to pre-tolling.	A month-to-month comparison of times and reliability for the entire corridor and commonly made trips within the corridor. I-405 Page 4I-11I SR 167 Not required
J	Comparison of traffic volumes by lane type and month-to-month	Total express toll lane and total general purpose lane traffic volumes, comparisons of each type of lane, and to pre-tolling volumes, and a month-to-month comparison. I-405 Page 8J-11J SR 167 Not required
K	Washington State Patrol enforcement hours	A monthly total of enforcement hours spent on each facility. I-405 Page 12K SR 167: Page 12K

Reference	Unit	Q3 FY2020	Q4 FY2020	Q3 FY2020	Q4 FY2020	Meets Requirement	
A	Percent	45 mph 90% of time ETL Performance					RCW 47.56.880 (4)(a) and ESHB 2322 209 (2)(a)
		<i>Northbound</i>					
		92%	100%	79%	100%		
		Single lane: 97%	Single lane: 100%				
		Dual lane: 90%	Dual lane: 100%				
		<i>Southbound</i>					
		75%	100%	82%	100%		
		Single lane: 69%	Single lane: 100%				
		Dual lane: 95%	Dual lane: 100%				
B	MPH	Average ETL Speeds					RCW 47.56.880 (4)(b) and ESHB 2322 209 (2)(a)
		<i>Northbound</i>					
		56	60	51	60		
		<i>Southbound</i>					
		47	60	52	59		
	MPH	Average GP Speeds					RCW 47.56.880 (4)(b) and ESHB 2322 209 (2)(a)
		<i>Northbound</i>					
		37	60	33	55		
		<i>Southbound</i>					
		33	57	37	50		
C	Riders/weekday	Transit ridership					RCW 47.56.880 (4)(c) and ESHB 2322 209 (2)(a)
		5,626	574	1,578	324		
D, E	Toll trips/quarter	Volume					RCW 47.56.880 (4)(d), RCW 47.56.880 (4)(e), and ESHB 2322 209 (2)(a)
		Volume projections met?					
		Y	Y	Y	Y		
		Costs covered?					
		Y	Y	Y	Y		
F	Vehicles Minutes	Local arterial data					RCW 47.56.880 (4)(f) and ESHB 2322 209 (2)(a)
		Route 1 - Bothell Way NE (SR 522 to Bothell)					
		Average Daily Volume					
		15,670					
		Travel time					
		9					
		AM Peak					
		15					
		PM Peak					
		Route 2 - 100th Ave NE (Bothell to Kirkland)					
		Average Daily Volume					
		15,800					
		Travel time					
		8					
		AM Peak					
		10					
		PM Peak					
		Route 3 - SR 202 (Woodinville to Redmond)					
		Average Daily Volume					
		12,300					
		Travel time					
		14					
		AM Peak					
		14					
		PM Peak					
		Route 4 - 148th Ave NE (Redmond to Bellevue)					
		Average Daily Volume					
		20,500					
		Travel time					
		9					
		AM Peak					
		12					
		PM Peak					

Data collected in FY 2020 Q4 was effected by the Stay Home, Stay Healthy order, when traffic volumes decreased significantly.

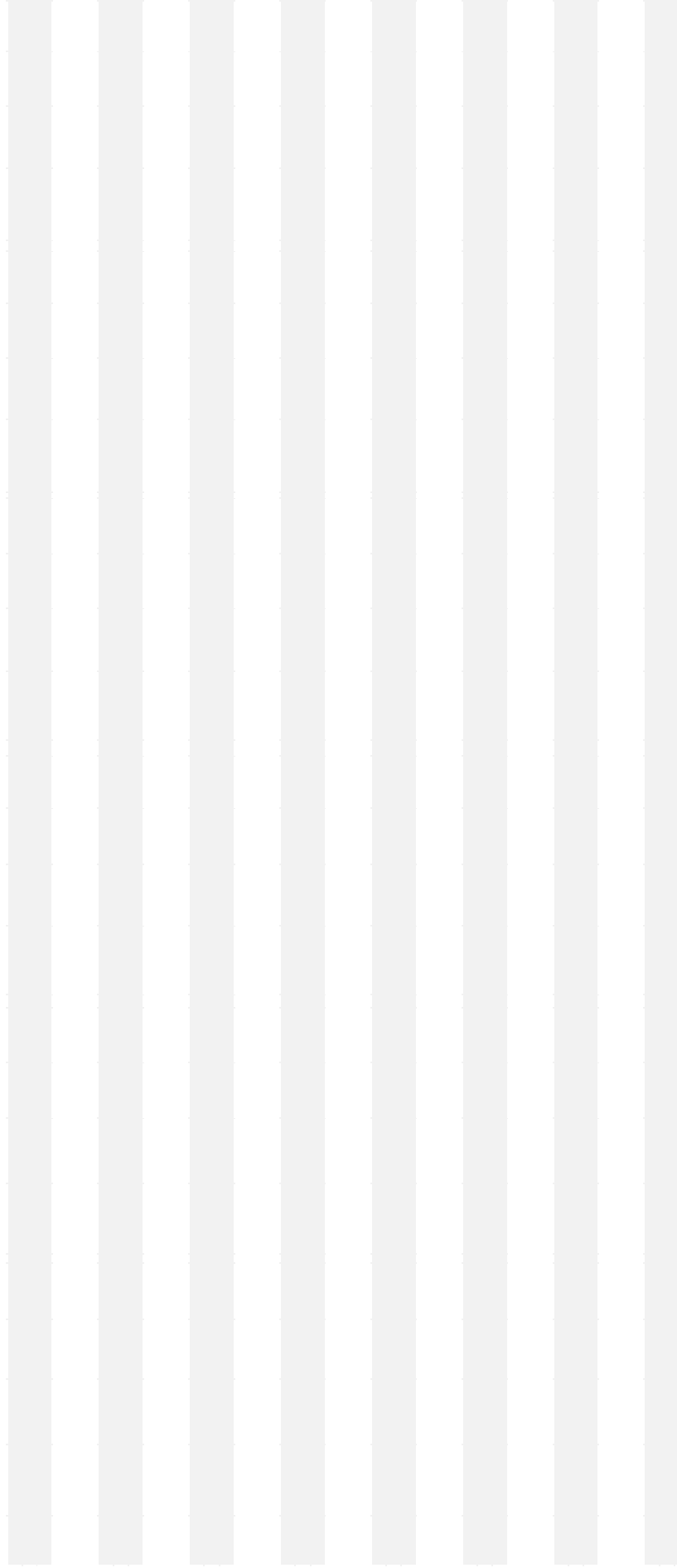
AVERAGE AND 95TH PERCENTILE TRAVEL TIMES, NORTHBOUND - ESHB 2322 Sec. 209 (2)(a) and (b)

Date	WB 58520 at 148th Ave NE to NB 1405 at SR522				NB 1405 from Bellevue to SR 522				NB 1405 from NE 85th St to 195th St				All travel times in minutes				
	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak	AM Off-Peak
	Period	95th %tile	PM Peak	PM 95th %tile	Peak	95th %tile	PM Peak	PM 95th %tile	Peak	95th %tile	PM Peak	PM 95th %tile	Peak	95th %tile	PM Peak	PM 95th %tile	Peak
Oct-14	6.3	12.5	13.1	27.3	42.9	9.8	10.0	23.9	34.7	12.4	12.7	27.9	39.2	6.5	6.7	14.6	18.9
Nov-14	6.3	12.2	12.8	29.3	41.7	9.6	9.8	25.2	32.9	12.3	12.4	29.2	38.1	6.4	6.5	15.2	19.9
Dec-14	6.3	12.2	12.9	26.7	45.0	9.6	9.7	22.4	34.8	12.3	12.3	26.4	41.2	6.4	6.5	14.0	20.1
Jan-15	6.3	13.0	13.0	26.4	33.7	9.6	9.7	23.7	31.9	12.3	12.4	27.9	39.3	6.4	6.5	14.9	19.6
Feb-15	6.3	14.0	12.9	23.9	32.5	9.6	14.0	21.6	30.5	12.3	12.4	25.4	35.5	6.4	6.5	14.4	18.8
Mar-15	6.3	16.2	12.9	27.2	35.2	9.6	9.7	24.3	30.0	12.3	12.3	28.0	34.8	6.4	6.5	15.9	20.0
Apr-15	6.3	14.6	12.2	26.8	39.2	9.6	9.6	22.9	31.3	12.3	12.3	27.4	39.3	6.4	6.4	16.1	22.5
May-15	6.3	15.5	12.1	28.4	42.8	9.6	9.6	23.3	34.7	12.3	12.3	27.7	39.8	6.4	6.4	15.2	20.3
Jun-15	6.3	14.9	12.5	28.3	40.6	9.6	9.8	23.1	29.7	12.3	12.4	27.7	35.9	6.4	6.5	15.2	20.0
Jul-15	6.3	14.4	11.7	24.6	34.4	9.7	9.9	21.9	27.8	12.3	12.5	26.3	33.1	6.5	6.6	13.9	17.1
Aug-15	6.4	16.5	11.4	20.0	24.1	9.7	9.9	22.9	29.7	12.3	12.6	27.2	34.9	6.5	6.7	14.4	18.3
Sep-15	6.3	12.4	11.1	20.0	30.0	9.6	12.4	20.0	0.0	12.3	12.6	27.2	34.9	6.5	6.7	14.4	18.3
Oct-15	6.3	13.2	11.7	20.4	29.8	9.6	9.6	19.0	28.4	12.2	12.3	26.1	37.6	6.4	6.4	11.7	19.0
Nov-15	6.3	12.4	11.3	21.2	31.7	9.6	9.6	18.8	27.6	12.3	12.3	25.5	35.7	6.4	6.4	12.4	18.4
Dec-15	6.3	13.5	11.3	22.5	37.0	9.6	9.6	20.2	32.5	12.3	12.2	26.4	40.4	6.4	6.4	12.2	18.2
Jan-16	6.3	12.4	11.3	20.2	30.0	9.6	9.6	18.7	28.2	12.3	12.4	25.2	36.1	6.4	6.4	12.2	18.2
Feb-16	6.3	10.4	11.2	17.8	27.9	9.6	9.6	15.8	24.6	12.2	12.2	22.1	28.2	6.4	6.4	10.7	17.4
Mar-16	6.3	11.3	11.4	19.0	28.0	9.6	9.6	16.7	24.6	12.3	12.3	22.4	31.3	6.4	6.4	10.4	15.9
Apr-16	6.3	11.4	11.9	20.1	28.8	9.7	9.6	17.9	26.3	12.3	12.3	24.4	33.9	6.4	6.4	12.4	17.6
May-16	6.3	12.0	11.4	21.9	30.5	9.6	9.6	19.6	27.2	12.3	12.3	26.3	35.6	6.4	6.4	13.9	19.9
Jun-16	6.3	13.4	11.5	25.7	40.5	9.6	9.6	21.1	28.3	12.2	12.3	28.3	36.3	6.4	6.4	14.2	19.7
Jul-16	6.3	13.0	11.6	22.9	31.9	9.6	9.6	20.6	28.2	12.2	12.3	27.4	37.2	6.4	6.4	14.0	20.5
Aug-16	6.3	12.6	11.3	22.5	29.5	9.6	9.6	20.4	27.3	12.3	12.3	27.6	35.5	6.4	6.4	14.4	20.0
Sep-16	6.3	12.7	11.4	22.1	29.6	9.6	9.6	19.9	27.3	12.2	12.3	26.5	35.0	6.4	6.4	13.3	18.6
Oct-16	6.3	13.6	11.6	23.4	37.2	9.6	9.6	21.3	34.8	12.2	12.3	28.2	43.4	6.4	6.4	14.1	21.1
Nov-16	6.3	13.1	11.6	22.9	34.4	9.6	9.6	20.7	32.1	12.3	12.3	27.7	40.8	6.4	6.4	13.9	20.9
Dec-16	6.3	13.8	11.5	23.2	35.7	9.6	9.6	20.7	31.0	12.2	12.3	27.7	38.7	6.4	6.4	13.5	19.7
Jan-17	6.3	11.2	12.3	19.2	27.9	9.6	9.6	17.3	25.2	12.2	12.3	23.9	33.2	6.4	6.4	11.7	17.3
Feb-17	6.4	12.2	11.7	21.4	36.8	9.7	9.6	19.0	32.7	12.3	12.3	26.3	42.4	6.4	6.4	12.8	21.0
Mar-17	6.3	12.2	11.7	22.4	33.0	9.6	9.6	19.9	28.0	12.2	12.3	27.7	36.7	6.4	6.4	14.0	18.7
Apr-17	6.3	10.8	11.5	12.7	18.7	9.6	9.6	16.3	23.8	12.2	12.3	21.8	31.0	6.4	6.4	11.1	17.0
May-17	6.3	12.0	11.9	28.3	28.3	9.6	9.6	16.7	23.1	12.3	12.3	19.7	26.7	6.4	6.4	12.8	17.2
Jun-17	6.3	13.4	11.5	22.9	35.1	9.6	9.6	19.5	30.9	12.3	12.3	23.7	36.6	6.4	6.4	11.6	20.3
Jul-17	6.3	12.6	11.5	20.1	27.4	9.6	9.6	17.8	25.4	12.2	12.3	21.2	29.4	6.4	6.4	10.3	15.0
Aug-17	6.3	12.0	11.3	19.0	24.0	9.6	9.6	17.4	22.6	12.3	12.3	20.8	26.8	6.4	6.4	10.2	13.6
Sep-17	6.3	12.5	11.4	19.9	28.3	9.6	9.6	17.6	25.5	12.2	12.3	20.9	29.1	6.4	6.4	10.0	13.2
Oct-17	6.3	14.5	11.7	22.4	35.3	9.6	9.6	20.0	30.4	12.2	12.3	23.6	34.6	6.4	6.4	10.7	15.7
Nov-17	6.3	14.2	11.8	23.1	38.2	9.6	9.6	19.7	31.7	12.3	12.3	23.5	36.6	6.4	6.4	10.9	16.5
Dec-17	6.4	13.3	11.8	20.4	0.0	9.6	9.6	18.8	29.3	12.3	12.3	22.8	34.7	6.4	6.4	10.7	16.4
Jan-18	6.3	15.1	11.7	22.7	34.1	9.6	9.6	21.0	32.3	12.3	12.3	25.2	38.2	6.4	6.4	11.6	20.4
Feb-18	6.3	13.7	11.5	20.4	30.9	9.6	9.6	18.6	28.7	12.2	12.3	22.0	32.6	6.4	6.4	9.8	14.6
Mar-18	6.3	12.7	11.9	20.7	32.1	9.6	9.6	17.9	25.7	12.2	12.3	21.4	30.5	6.4	6.4	10.1	14.1
Apr-18	6.3	13.4	11.4	21.6	29.3	9.6	9.6	19.3	26.5	12.2	12.3	22.8	30.1	6.4	6.4	11.3	15.5
May-18	6.3	14.0	11.6	22.3	31.6	9.6	9.6	20.3	27.7	12.3	12.3	24.4	32.9	6.4	6.4	12.1	16.3
Jun-18	6.3	15.5	11.6	24.4	34.8	9.6	9.6	21.5	30.2	12.3	12.3	25.3	34.3	6.4	6.4	11.8	16.8
Jul-18	6.3	16.8	11.4	24.4	32.9	9.6	9.6	22.8	31.6	12.3	12.3	26.7	36.6	6.4	6.4	12.1	18.0
Aug-18	6.3	14.9	11.4	22.3	33.7	9.6	9.6	20.7	32.3	12.3	12.3	24.6	39.3	6.4	6.4	11.5	19.2
Sep-18	6.3	14.7	11.4	22.0	32.3	9.6	9.6	20.7	29.5	12.3	12.3	24.7	34.1	6.4	6.4	11.8	18.1
Oct-18	6.3	15.3	11.6	22.8	32.8	9.6	9.6	20.7	29.7	12.3	12.3	24.6	33.7	6.4	6.4	10.8	14.9
Nov-18	6.3	15.7	11.6	24.5	33.9	9.7	9.7	21.9	31.3	12.3	12.4	25.8	36.1	6.5	6.4	12.0	17.8
Dec-18	6.3	15.1	11.8	26.7	40.0	9.6	9.6	24.2	36.6	12.2	12.3	28.4	40.1	6.4	6.4	11.3	17.5
Jan-19	6.3	13.5	11.6	20.5	30.0	9.6	9.7	19.0	29.3	12.3	12.3	22.8	33.5	6.4	6.4	10.6	14.6
Feb-19	6.3	14.2	11.3	22.1	41.6	9.6	9.6	20.4	38.6	12.3	12.3	25.0	48.6	6.4	6.4	11.7	24.7
Mar-19	6.3	14.3	11.9	22.0	32.6	9.6	9.6	19.8	29.6	12.3	12.3	23.6	35.2	6.4	6.4	10.9	16.0
Apr-19	6.3	13.8	11.5	21.7	32.6	9.6	9.6	19.5	30.2	12.3	12.3	23.2	34.1	6.4	6.4	11.0	14.4
May-19	6.3	15.0	11.9	22.7	24.3	9.6	9.6	21.1	31.6	12.2	12.3	24.8	35.5	6.4	6.4	12.0	15.7
Jun-19	6.3	18.3	14.2	26.9	36.0	9.6	9.6	24.7	32.7	12.3	12.3	28.6	36.6	6.4	6.4	13.0	17.6
Jul-19	6.4	15.2	11.8	22.7	32.7	9.7	9.7	20.7	30.5	12.4	12.3	24.2	34.2	6.4	6.5	11.0	15.9
Aug-19	6.3	13.4	11.4	22.2	20.1	9.6	9.6	18.6	26.2	12.2	12.3	22.2	30.5	6.4	6.4	10.4	15.6
Sep-19	6.4	14.7	11.9	22.3	32.3	9.7	9.6	20.2	30.0	12.3	12.3	24.1	34.5	6.4	6.4	11.0	16.0

AVERAGE AND 95TH PERCENTILE TRAVEL TIMES, NORTHBOUND (cont.) - ESHB 2322 Sec. 209 (2)(a) and (b)

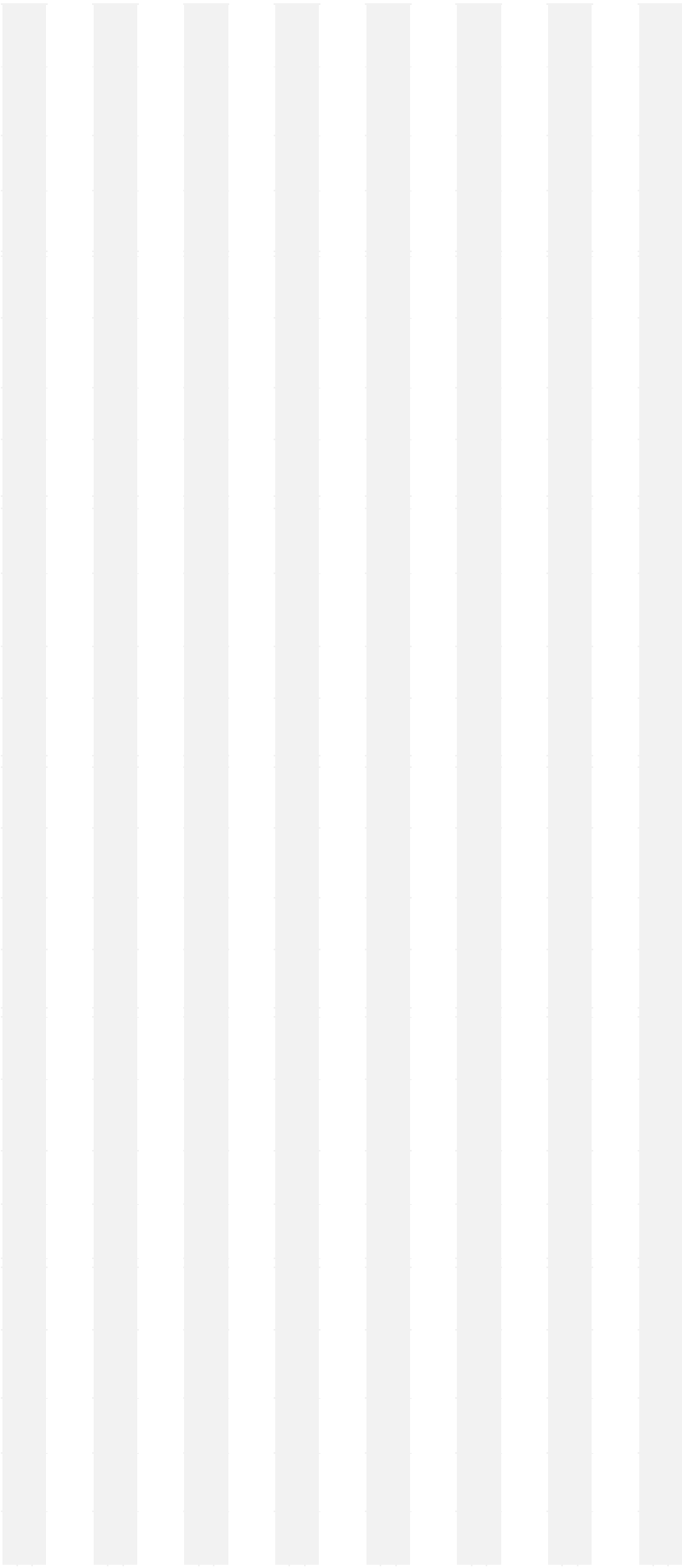
(Ref. H, I) All travel times in minutes

Month	WB SR520 at I-48th Ave NE to NB I-405 at SR522				NB I-405 from Bellevue to SR 522				NB I-405 from Bellevue to SR 527				NB I-405 from NE 85th St to I-95th St				NB I-405 from NE 160th St to I-5							
	AM Off-Peak Period	AM Off- 95th %tile	PM Peak Period	PM 95th %tile	AM Off-Peak Period	AM Off- 95th %tile	PM Peak Period	PM 95th %tile	AM Off-Peak Period	AM Off- 95th %tile	PM Peak Period	PM 95th %tile	AM Off-Peak Period	AM Off- 95th %tile	PM Peak Period	PM 95th %tile	AM Off-Peak Period	AM Off- 95th %tile	PM Peak Period	PM 95th %tile				
Oct-19	6.3	6.3	17.3	27.1	11.9	13.2	25.0	36.9	9.6	9.6	23.1	35.0	12.3	12.3	26.9	39.5	6.4	6.4	11.8	19.4	7.2	7.2	10.5	18.0
Nov-19	6.3	6.3	16.5	26.5	11.6	12.6	24.9	36.6	9.6	9.6	22.6	34.5	12.2	12.3	26.7	39.6	6.4	6.4	12.2	18.1	7.2	7.2	11.0	17.8
Dec-19	6.3	6.3	14.1	24.2	11.8	12.6	22.6	36.0	9.6	9.6	19.6	31.6	12.2	12.3	23.3	36.0	6.4	6.4	10.9	15.9	7.2	7.2	9.9	16.5
Jan-20	6.3	6.3	15.1	25.0	11.8	12.9	22.5	35.6	9.6	9.7	20.7	34.8	12.3	12.3	25.0	40.1	6.4	6.4	11.3	17.7	7.2	7.2	10.9	17.2
Feb-20	6.3	6.3	14.9	24.5	11.8	13.3	22.4	33.5	9.6	9.6	20.6	32.4	12.2	12.3	24.5	37.3	6.4	6.4	11.4	16.2	7.2	7.2	10.4	15.8
Mar-20	6.3	6.3	7.4	11.4	11.1	11.5	12.5	18.2	9.6	9.6	11.0	16.7	12.2	12.2	13.9	21.1	6.4	6.4	7.1	10.0	7.2	7.2	7.8	11.9
Apr-20	6.3	6.3	6.3	6.3	11.0	11.0	11.0	11.0	9.6	9.6	9.6	9.6	12.2	12.2	12.2	12.2	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2
May-20	6.3	6.3	6.4	6.7	11.0	11.0	11.0	11.8	9.6	9.6	9.7	10.3	12.2	12.2	12.5	13.3	6.4	6.4	6.5	7.2	7.2	7.2	7.3	7.6
Jun-20	6.3	6.3	7.2	9.0	11.0	11.0	11.7	15.6	9.6	9.6	10.8	13.8	12.2	12.2	13.7	17.3	6.4	6.4	7.2	9.3	7.2	7.2	8.0	11.6



AVERAGE AND 95TH PERCENTILE TRAVEL TIMES, SOUTHBOUND (cont.) - ESHB 2322 Sec. 209 (2)(a) and (b) (Ref. H, I) All travel times in minutes

	SB I-405 from NE 116th to Bellevue				SB I-405 at SR 522 to Bellevue				SB I-405 from SR 527 to Bellevue				SB I-405 from 195th St to NE 85th St				SB I-405 from I-5 to NE 160th St							
	AM Peak Period	AM 95th %tile	PM Off-Peak Period	PM Off-95th %tile	AM Peak Period	AM 95th %tile	PM Off-Peak Period	PM Off-95th %tile	AM Peak Period	AM 95th %tile	PM Off-Peak Period	PM Off-95th %tile	AM Peak Period	AM 95th %tile	PM Off-Peak Period	PM Off-95th %tile	AM Peak Period	AM 95th %tile	PM Off-Peak Period	PM Off-95th %tile				
Nov-19	9.8	12.4	9.4	15.1	18.5	23.6	12.3	13.2	16.1	21.1	12.6	18.4	26.3	33.9	15.5	21.4	13.5	18.0	6.5	6.9	22.2	39.4	7.5	9.2
Dec-19	8.4	13.5	12.2	22.0	17.5	24.9	12.9	16.1	15.1	22.5	15.5	25.1	24.7	38.2	18.5	28.4	12.7	19.9	6.6	7.0	20.7	42.0	8.0	11.1
Jan-20	8.5	11.7	12.5	26.7	N/A	N/A	N/A	N/A	13.3	18.8	15.7	30.0	21.0	30.5	19.0	34.4	10.6	16.0	6.7	7.3	16.1	34.6	8.0	10.5
Feb-20	9.4	11.4	10.7	19.5	16.9	22.3	12.5	14.7	14.3	19.5	14.0	22.5	23.3	34.8	16.8	25.4	11.7	17.6	6.5	6.9	18.8	41.8	7.5	9.0
Mar-20	6.9	9.5	6.5	16.0	17.7	22.2	12.2	12.9	15.2	19.4	12.5	19.3	25.3	33.2	15.2	22.2	12.8	17.3	6.5	6.7	20.5	38.7	7.4	8.8
Apr-20	6.3	6.3	6.3	7.0	13.0	18.0	11.9	12.1	10.7	15.6	9.8	10.3	15.0	27.1	12.4	12.9	7.9	13.4	6.4	6.4	9.9	29.0	7.2	7.2
May-20	6.3	6.3	6.3	6.3	11.8	11.8	11.8	11.8	9.6	9.6	9.6	9.6	12.2	12.2	12.2	12.2	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2
Jun-20	6.3	6.4	6.7	7.7	11.9	12.0	11.9	12.0	9.6	9.7	10.0	11.3	12.3	12.6	12.7	13.8	6.4	6.6	6.5	6.4	7.3	8.3	7.2	7.2



NORTHBOUND I-405 (ENTIRE CORRIDOR) - ESHB 2322 Sec. 209 (2)(b) and (c)

(Ref. H, I, J)

All travel times in minutes

	ETL Travel Time (minutes)				ETL Volume				GP Travel Time (minutes)				GP Volume			
	AM Off-Peak		PM Peak		NE 100th St		SR 527		AM Off-95th		PM Peak		NE 100th St		SR 527	
	Period	%ile	Period	%ile	%ile	%ile	Period	%ile	Period	%ile	Period	%ile	Period	%ile	Period	%ile
Oct-14	15.1	35.2	22.8	35.2	11,608	9,509	15.4	16.0	33.4	50.6	84,398	53,865				
Nov-14	15.1	36.3	24.3	36.3	11,687	9,309	15.2	15.6	34.3	50.9	81,570	52,376				
Dec-14	15.1	36.9	23.3	36.9	11,637	9,428	15.2	15.6	31.2	52.6	80,615	52,039				
Jan-15	15.1	30.9	22.1	30.9	10,831	8,740	15.2	15.7	33.2	50.5	81,588	52,784				
Feb-15	15.1	27.5	20.3	27.5	11,126	9,212	15.2	15.6	30.2	46.0	84,874	54,550				
Mar-15	15.1	29.5	21.0	29.5	11,115	9,212	15.2	15.5	32.0	43.8	85,870	55,637				
Apr-15	15.1	27.0	20.4	27.0	11,881	10,092	15.2	15.5	31.7	49.6	86,427	55,744				
May-15	15.1	28.1	21.2	28.1	12,316	10,124	15.2	15.4	31.9	47.2	85,906	55,480				
Jun-15	15.1	28.9	22.7	28.9	13,106	11,165	15.2	15.5	32.6	45.0	90,191	56,336				
Jul-15	15.1	32.3	24.3	32.3	13,160	11,677	15.2	15.5	31.1	43.5	89,768	56,449				
Aug-15	15.1	35.8	25.1	35.8	13,686	11,662	15.2	15.7	32.5	46.5	89,447	56,299				
Sep-15	15.1	24.2	17.3	24.2	10,950	9,663	15.2	15.9	29.2	46.7	85,710	55,251				
Oct-15	15.1	22.0	16.2	22.0	15,891	9,421	15.1	15.3	32.4	50.1	79,401	55,497				
Nov-15	15.1	24.1	17.4	24.1	16,572	8,454	15.1	15.3	31.2	50.7	76,898	53,648				
Dec-15	15.1	23.2	16.9	23.2	16,914	8,487	15.1	15.3	32.1	55.0	76,065	53,083				
Jan-16	15.1	20.0	16.1	20.0	16,731	8,418	15.3	15.4	30.8	51.3	76,438	52,565				
Feb-16	15.1	18.9	15.8	18.9	17,745	8,858	15.1	15.2	27.5	44.2	79,772	55,001				
Mar-16	15.1	18.7	15.9	18.7	19,447	9,634	15.1	15.2	27.7	44.6	79,963	56,308				
Apr-16	15.1	21.9	16.6	21.9	21,251	10,239	15.2	15.3	30.0	45.2	82,022	56,361				
May-16	15.1	22.5	17.1	22.5	22,666	10,406	15.3	15.2	31.9	48.2	84,522	55,531				
Jun-16	15.1	24.2	18.1	24.2	24,925	11,136	15.1	15.2	34.1	48.2	85,705	56,902				
Jul-16	15.1	23.2	17.5	23.2	24,095	11,210	15.1	15.2	32.9	49.2	84,988	55,866				
Aug-16	15.1	23.5	17.8	23.5	25,074	11,639	15.1	15.3	33.2	47.8	85,721	56,083				
Sep-16	15.1	22.4	17.4	22.4	24,368	10,818	15.1	15.3	31.9	46.5	83,428	54,656				
Oct-16	15.1	26.3	17.9	26.3	23,434	10,534	15.1	15.2	34.0	56.1	82,580	53,482				
Nov-16	15.1	26.8	18.1	26.8	22,950	10,279	15.1	15.3	33.2	51.6	81,284	52,930				
Dec-16	15.1	26.1	18.3	26.1	22,377	10,163	15.1	15.3	33.0	51.4	79,592	52,133				
Jan-17	15.1	22.8	16.9	22.8	22,077	9,833	15.1	15.2	29.5	45.3	81,035	51,891				
Feb-17	15.1	26.8	17.8	26.8	20,219	10,219	15.2	15.3	31.8	54.1	79,389	51,471				
Mar-17	15.1	27.8	18.4	27.8	24,356	11,122	15.1	15.3	33.6	49.3	83,419	52,949				
Apr-17	15.1	21.8	16.5	21.8	24,692	11,579	15.1	15.2	26.5	39.6	85,444	54,746				
May-17	15.1	19.4	16.0	19.4	25,782	10,657	15.3	15.2	23.2	32.8	85,044	52,538				
Jun-17	15.1	25.8	16.9	25.8	27,414	11,493	15.1	15.2	27.6	47.4	87,110	54,427				
Jul-17	15.1	19.4	16.0	19.4	26,607	11,127	15.1	15.2	24.5	38.2	85,995	53,407				
Aug-17	15.1	19.2	16.1	19.2	27,178	11,562	15.1	15.2	24.1	34.0	87,151	54,348				
Sep-17	15.1	20.3	16.1	20.3	26,422	10,960	15.1	15.1	24.1	38.4	84,558	53,009				
Oct-17	15.1	24.8	16.9	24.8	26,746	10,845	15.1	15.2	27.3	44.4	83,869	52,498				
Nov-17	15.1	23.3	16.8	23.3	25,594	10,644	15.1	15.2	27.7	47.4	80,727	50,662				
Dec-17	15.1	20.8	16.5	20.8	24,876	10,547	15.1	15.1	27.0	44.5	79,785	50,060				
Jan-18	15.1	26.0	17.3	26.0	24,503	10,001	15.1	15.1	29.1	47.8	79,661	49,648				
Feb-18	15.1	22.2	16.5	22.2	24,919	10,062	15.1	15.1	25.4	38.7	82,469	51,715				
Mar-18	15.1	19.9	16.0	19.9	26,623	10,542	15.1	15.1	24.9	38.2	84,854	53,050				
Apr-18	15.1	19.9	16.2	19.9	26,357	10,699	15.1	15.1	26.1	38.4	84,990	53,587				
May-18	15.1	23.5	17.2	23.5	27,037	11,221	15.1	15.2	28.6	42.1	85,770	53,420				
Jun-18	15.1	26.3	17.7	26.3	28,771	11,805	15.1	15.2	29.6	44.4	87,839	55,017				
Jul-18	15.1	24.0	17.3	24.0	27,945	11,917	15.1	15.2	30.9	46.6	85,145	53,041				
Aug-18	15.1	24.6	16.9	24.6	28,181	11,975	15.1	15.1	28.1	47.2	86,646	54,498				
Sep-18	15.1	27.5	16.9	27.5	27,091	11,180	15.1	15.2	29.2	46.1	84,635	52,412				
Oct-18	15.1	20.8	16.5	20.8	26,998	11,194	15.1	15.2	28.4	42.2	84,490	52,397				
Nov-18	15.1	26.0	17.6	26.0	25,882	10,888	15.1	15.1	30.4	47.3	81,835	51,052				
Dec-18	15.1	29.2	17.6	29.2	24,561	10,487	15.1	15.1	28.9	51.1	79,975	49,911				
Jan-19	15.1	21.1	16.2	21.1	24,998	10,216	15.1	15.1	26.5	44.6	81,495	50,807				
Feb-19	15.1	30.8	17.7	30.8	20,996	9,191	15.2	15.3	29.5	62.4	70,419	44,706				
Mar-19	15.1	22.4	16.6	22.4	26,856	10,998	15.1	15.1	27.4	42.5	84,575	52,533				
Apr-19	15.1	20.7	16.2	20.7	26,885	11,115	15.1	15.1	27.1	40.8	84,812	53,177				
May-19	15.1	22.7	16.8	22.7	27,368	11,392	15.1	15.1	29.1	44.0	84,750	52,797				
Jun-19	15.1	24.8	17.8	24.8	28,539	12,071	15.1	15.1	32.8	46.7	86,144	53,878				
Jul-19	15.1	21.8	16.7	21.8	27,957	11,757	15.2	15.2	27.8	42.9	84,748	53,183				
Aug-19	15.1	21.6	16.4	21.6	28,189	11,954	15.1	15.1	26.0	41.2	86,857	54,174				
Sep-19	15.1	20.4	16.1	20.4	27,752	11,359	15.2	15.2	27.6	43.0	83,728	52,505				

NORTHBOUND I-405 (ENTIRE CORRIDOR) (cont.) - ESHB 2322 Sec. 209 (2)(b) and (c) (Ref. H, I, J) All travel times in minutes

	ETL Travel Time (minutes)				ETL Volume				GP Travel Time (minutes)				GP Volume					
	AM Off-Peak		PM Peak		NE 100th St		SR 527		AM Off-95th %tile		PM Peak Period		PM 95th %tile		NE 100th St		SR 527	
	Period	%tile	Period	%tile	Period	%tile	Period	%tile	Period	%tile	Period	%tile	Period	%tile	Period	%tile	Period	%tile
Oct-19	15.1	15.1	17.3	26.3	27,714	11,272			15.1	15.1	30.6	47.9	83,483	56,775				
Nov-19	15.1	15.1	17.3	24.0	26,523	11,307			15.1	15.1	30.7	49.7	81,371	55,527				
Dec-19	15.1	15.1	16.7	24.7	25,050	10,693			15.1	15.1	27.0	47.0	80,009	53,994				
Jan-20	15.1	15.1	16.8	22.2	24,147	10,059			15.2	15.7	28.7	48.1	74,975	51,277				
Feb-20	15.1	15.1	16.6	22.5	25,957	11,469			15.1	15.1	28.2	45.8	82,510	55,872				
Mar-20	15.1	15.1	15.2	15.6	12,460	5,802			15.1	15.1	17.0	27.5	65,323	44,397				
Apr-20	15.1	15.1	15.1	15.1	4,205	2,272			15.1	15.1	15.1	15.1	48,772	33,437				
May-20	15.1	15.1	15.1	15.1	7,272	4,022			15.1	15.1	15.3	16.9	63,619	40,786				
Jun-20	15.1	15.1	15.1	15.1	12,298	6,391			15.1	15.1	16.9	22.7	73,971	47,389				

SOUTHBOUND I-405 (ENTIRE CORRIDOR) - ESHB 2322 Sec. 209 (2)(b) and (c) (Ref. H, I, J) All travel times in minutes

	ETL Travel Time (minutes)				ETL Volume				GP Travel Time (minutes)				GP Volume									
	AM Peak		PM Off-Peak		AM 95th %tile		PM Off-Peak		SR 527		AM Peak		AM 95th %tile		PM Off-Peak		PM Off-95th %tile		NE 100th St		SR 527	
	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period
Oct-14	22.6	40.7	15.6	18.1	13,709	9,781	41.2	72.3	18.7	30.1	71,659	52,978										
Nov-14	19.1	29.9	16.5	25.1	13,402	9,580	33.6	64.3	22.0	38.6	69,176	50,528										
Dec-14	18.2	27.2	16.3	24.0	13,767	9,868	29.9	61.2	21.0	35.4	68,843	50,616										
Jan-15	17.8	24.1	15.4	15.8	12,270	8,135	32.4	57.1	17.2	22.8	68,891	51,477										
Feb-15	18.0	25.1	15.3	16.3	12,712	8,598	32.4	59.3	16.6	21.0	71,009	53,297										
Mar-15	18.0	27.3	15.5	16.5	13,411	9,247	33.6	67.4	17.9	25.2	73,193	53,998										
Apr-15	16.9	21.7	15.5	16.3	13,412	9,411	29.7	53.3	18.2	25.5	75,571	54,958										
May-15	17.8	24.0	15.6	18.1	14,178	10,139	32.8	56.5	19.0	27.0	73,267	55,212										
Jun-15	18.3	24.1	16.6	23.4	15,976	11,131	34.9	57.1	20.9	30.5	76,202	55,600										
Jul-15	17.9	23.9	18.3	28.3	16,415	11,195	27.4	48.1	21.1	34.5	76,033	57,039										
Aug-15	18.6	27.3	17.4	25.8	16,392	11,317	30.5	53.7	19.3	27.0	75,303	57,275										
Sep-15	17.7	25.6	16.4	23.6	13,176	9,838	34.4	61.3	19.4	31.5	72,143	53,934										
Oct-15	16.4	22.4	15.1	15.3	18,613	9,327	28.8	47.6	18.9	26.6	68,590	54,184										
Nov-15	17.5	28.3	15.2	15.6	18,758	9,738	28.6	53.2	21.1	36.7	66,372	52,284										
Dec-15	16.5	24.2	15.3	16.0	18,913	9,342	25.2	50.2	20.8	36.0	66,113	52,347										
Jan-16	16.7	23.9	15.1	15.1	19,067	9,094	28.8	55.7	17.5	24.3	65,508	51,865										
Feb-16	15.6	18.0	15.1	15.4	19,358	9,541	25.2	41.2	17.7	26.7	68,776	54,029										
Mar-16	16.5	22.5	15.2	15.5	21,916	10,750	25.8	43.1	19.2	31.5	69,446	54,999										
Apr-16	16.6	23.5	15.3	16.8	22,288	11,146	25.4	43.1	18.9	31.0	69,874	55,208										
May-16	16.9	22.9	15.2	15.6	22,758	11,075	27.3	44.5	18.8	27.4	69,152	54,741										
Jun-16	16.7	23.5	16.2	22.0	24,692	11,937	28.2	45.3	24.2	43.3	69,986	55,920										
Jul-16	16.4	21.8	15.5	18.2	24,397	12,307	26.4	46.0	21.0	31.9	69,477	54,920										
Aug-16	16.6	20.9	15.7	18.6	25,647	12,897	26.8	42.9	20.4	34.0	70,248	55,249										
Sep-16	19.0	29.4	15.6	19.6	24,735	12,048	31.2	53.4	20.1	36.1	67,817	52,915										
Oct-16	20.6	35.0	15.1	15.3	23,975	11,039	35.0	62.0	17.5	24.6	66,729	51,919										
Nov-16	19.8	37.1	15.6	18.3	23,290	10,866	31.3	60.4	19.5	29.2	65,746	51,492										
Dec-16	17.6	29.5	15.5	18.3	22,405	10,754	24.9	51.9	19.7	34.1	65,345	51,056										
Jan-17	17.8	29.9	15.1	15.1	21,846	9,906	27.8	54.4	16.7	22.3	65,794	51,395										
Feb-17	19.1	33.8	15.4	17.9	22,912	10,329	30.2	58.6	19.6	37.1	64,383	50,733										
Mar-17	20.5	38.1	15.4	18.1	25,301	11,739	32.1	54.7	18.7	30.8	67,585	53,175										
Apr-17	17.9	28.9	15.1	15.3	25,060	11,367	29.4	52.1	17.0	22.8	68,899	54,023										
May-17	18.3	28.9	15.2	15.6	25,526	11,585	29.8	52.9	18.4	27.7	68,485	53,901										
Jun-17	19.3	33.5	15.8	19.4	27,847	12,732	32.0	56.0	21.6	35.2	70,000	55,261										
Jul-17	17.6	26.3	15.8	18.2	27,057	13,205	28.4	50.2	20.2	32.2	69,575	54,480										
Aug-17	17.5	24.9	15.3	16.4	27,658	13,261	28.2	49.5	17.7	24.2	70,940	55,688										
Sep-17	19.7	31.0	15.1	15.5	26,281	12,365	31.5	52.3	18.0	24.4	68,411	53,689										
Oct-17	20.1	32.9	15.4	17.2	26,427	12,162	33.6	55.4	19.2	30.1	67,776	53,147										
Nov-17	23.2	43.6	15.7	20.6	25,888	11,842	36.4	69.7	19.9	35.3	64,316	51,099										
Dec-17	19.4	33.9	15.7	18.4	24,640	11,344	27.3	50.8	19.9	31.9	65,179	51,323										
Jan-18	21.2	37.5	15.1	15.5	24,266	10,719	32.8	58.7	17.4	26.7	64,180	50,679										
Feb-18	19.7	33.2	15.1	15.4	24,287	10,787	31.4	54.2	16.8	24.9	66,663	52,677										
Mar-18	19.5	32.8	15.3	16.8	26,143	11,655	31.1	53.3	18.5	29.2	68,954	54,271										
Apr-18	17.3	24.7	15.2	15.5	25,477	11,526	27.2	44.8	18.0	25.4	69,378	55,305										
May-18	18.5	28.4	15.4	17.3	26,593	12,273	29.5	49.2	19.7	29.4	69,253	55,122										
Jun-18	19.2	32.9	16.7	22.6	28,181	13,037	30.3	50.7	23.3	37.3	70,632	56,384										
Jul-18	18.8	30.2	16.0	19.8	27,447	12,925	28.8	49.6	20.8	32.8	69,446	55,358										
Aug-18	18.0	28.2	15.6	18.2	27,960	13,258	27.3	45.2	19.3	28.9	71,166	56,710										
Sep-18	18.1	27.2	15.1	15.4	26,339	12,003	30.1	50.4	18.2	24.8	68,182	54,800										
Oct-18	19.1	28.3	15.4	17.4	26,211	11,867	31.5	50.4	18.0	25.7	67,619	54,109										
Nov-18	20.5	36.7	15.4	17.9	25,526	11,584	31.3	56.6	19.4	29.3	65,606	52,784										
Dec-18	18.9	34.4	15.6	18.6	24,577	11,393	27.2	52.8	20.1	33.4	64,548	51,984										
Jan-19	18.8	32.0	15.1	15.4	23,931	10,996	28.7	51.3	17.2	24.0	65,366	52,457										
Feb-19	17.2	24.9	15.4	15.6	20,634	9,494	25.3	46.8	17.2	24.5	57,117	45,944										
Mar-19	18.8	29.3	15.1	15.5	26,151	11,688	30.4	49.0	17.9	25.6	67,617	54,207										
Apr-19	18.6	27.6	15.3	17.2	26,032	11,859	29.5	47.1	18.1	30.7	68,493	55,119										
May-19	19.2	30.1	15.7	19.9	26,822	12,118	31.2	50.0	21.3	34.9	67,954	54,671										
Jun-19	21.0	38.0	16.6	21.9	28,205	12,860	32.9	54.6	23.1	40.2	69,780	55,542										
Jul-19	19.1	35.5	16	20.3	27,379	12,669	30.6	54.8	21.6	34.6	68,284	54,566										
Aug-19	17.3	26.1	15.6	18.1	28,106	13,536	27.5	47.4	20.1	29.2	70,968	56,539										
Sep-19	20.6	40.6	15.3	17	26,999	12,329	33.4	60.4	19.8	29.4	66,921	53,150										

SOUTHBOUND I-405 (ENTIRE CORRIDOR) (cont.) - ESHB 2322 Sec. 209 (2)(b) and (c) (Ref. H, I, J) All travel times in minutes

	ETL Travel Time (minutes)				ETL Volume				GP Travel Time (minutes)				GP Volume			
	AM Peak		PM Off-Peak		PM Off-95th		SR 527		AM Peak		AM 95th		PM Off-Peak		PM Off-95th	
	Period	%tile	Period	%tile	Period	%tile	NE 100th St	SR 527	Period	%tile	Period	%tile	Period	%tile	NE 100th St	SR 527
Oct-19	21.6	39.2	15.2	16.4	26,784	11,802	36.2	60.1	18.4	27.9	66,659	53,290				
Nov-19	21.7	39.0	15.8	19.2	25,689	11,749	33.8	68.2	21.8	37.4	65,017	52,431				
Dec-19	18.8	33.8	16.4	23.0	24,190	11,074	27.5	52.9	22.1	42.7	64,448	52,068				
Jan-20	20.4	40.7	15.5	18.4	23,591	10,425	31.1	63.8	19.7	32.2	60,265	48,603				
Feb-20	21.3	41.3	15.4	17.7	25,957	11,469	33.6	59.6	18.2	27.0	65,675	53,202				
Mar-20	15.9	22.0	15.1	15.1	12,306	6,164	18.7	44.1	15.2	15.6	51,878	43,066				
Apr-20	15.1	15.1	15.1	15.1	4,379	2,464	15.1	15.1	15.1	15.1	39,062	33,339				
May-20	15.1	15.1	15.2	15.1	7,258	4,125	15.1	15.3	15.2	15.1	51,150	42,643				
Jun-20	15.1	15.1	15.1	15.1	10,733	5,957	15.3	16.4	15.5	17.4	59,973	50,078				

I-405 AND SR 167 PERFORMANCE AND ENFORCEMENT HOURS - ESHB 2322 Sec. 209 (8)

(Ref. K)

I-405				SR 167			
	Northbound Performance	Southbound Performance	WSP hours		Northbound Performance	Southbound Performance	WSP hours
Jul-19	90%	73%	635		79%	40%	
Aug-19	91%	83%	602		79%	51%	
Sep-19	94%	68%	519		76%	60%	120
Oct-19	87%	55%	528		75%	61%	141
Nov-19	83%	61%	387		72%	74%	134
Dec-19	87%	55%	416		77%	69%	113
Jan-20	87%	69%	416		75%	63%	120
Feb-20	90%	62%	422		65%	82%	141
Mar-20	100%	92%	203		95%	100%	77
Apr-20	100%	100%	-		100%	100%	-
May-20	100%	100%	-		100%	100%	-
Jun-20	100%	100%	-		100%	99%	-