



SR 520 Tolling: Traffic Monitoring

2/06/12 - 2/10/12 average

Baseline data: M-F, 10/29-11/18 & 11/26-12/16

% change
2/06/12 - 2/10/12 average
baseline

Daily Volume:

SR 520 Bridge
-34%
66,900
101,100

I-90 Bridge
11%
153,600
137,900

SR 522 at 68th Ave NE
9%
44,200
40,700

Cross-lake Total I-90, SR 520, SR 522
-5%
264,700
279,700

7-9 am Volume:

SR 520 Bridge
-18%
11,270
13,800

I-90 Bridge
2%
22,700
22,230

SR 522 at 68th Ave NE
1%
5,760
5,710

Cross-lake Total I-90, SR 520, SR 522
-5%
39,730
41,740

3-6 pm Volume:

SR 520 Bridge
-24%
15,200
19,900

I-90 Bridge
5%
33,320
31,590

SR 522 at 68th Ave NE
6%
10,390
9,830

Cross-lake Total I-90, SR 520, SR 522
-4%
58,910
61,320

Traffic Summary:

- SR 520 daily volume on Thursday and Friday was about the same as last Friday, 2/3/12
- SR 520 travel times continue to be faster than normal with the exception of westbound on Thursday afternoon
- I-90 travel times continue to be slower than normal, especially WB in the morning and EB in the evening
- SR 522 EB travel times are unavailable before noon each day due to a data outage
- SR 522 WB travel times vary greatly from day to day and were sometimes better than normal and sometimes worse
- I-90 Express Lanes eastbound reversible 80th Ave SE ramp reopened on 2/1/12 and will remain open for three to four weeks

Major Incidents:

Monday 2/6/12

I-5 NB & SB at Ship Canal Bridge pedestrian (jumper) blocked the right SB lane (3:44 am) and all NB lanes (3:57 am) then blocked 2 NB right lanes (4:05 am); all NB lanes opened 4:10 am and all SB lanes opened 4:15 am

Tuesday 2/7/12

I-5 SB just south of I-90 disabled vehicle blocking 2 right lanes from 6:48 - 7:43 am

SR 520 EB at I-5 collision blocking the right lane from 12:35 - 12:54 pm

I-90 WB at SR 900 collision blocking the left lane and HOV lane from 8:13 - 8:22 am

Wednesday 2/08/12

I-5 Exp. Lanes just S. of SR 520 collision blocking 2 left lanes then right lane from 8:58 - 9:46 am

I-90 WB at midspan floating bridge collision blocking the left lane from 8:54 - 9:05 am

Thursday 2/09/12

I-5 at SR 18 collision blocking 2 left lanes from 6:53 - 7:15 am

I-405 at SR 167 collision blocking 1 lane then the left lane of the ramp from 10:50 - 11:24 am

SR 520 at Redmond Way collision blocking the left lane from 5:56 - 6:24 pm

Friday 2/10/12

I-5 just N. of 272nd St collision blocking the 1-2 lanes from 6:28 - 6:45 am

I-90 WB at 76th Ave SE collision blocking the right lane from 7:46 - 7:57 am

I-90 WB at Mercer Way collision blocking the right lane from 8:07 - 8:46 pm

All Week

West Lake Sammamish Parkway, a major north/south route parallel to I-405, was closed on Sunday, 1/22/12, due to a water main break/mudslide and remained closed until late March or early April

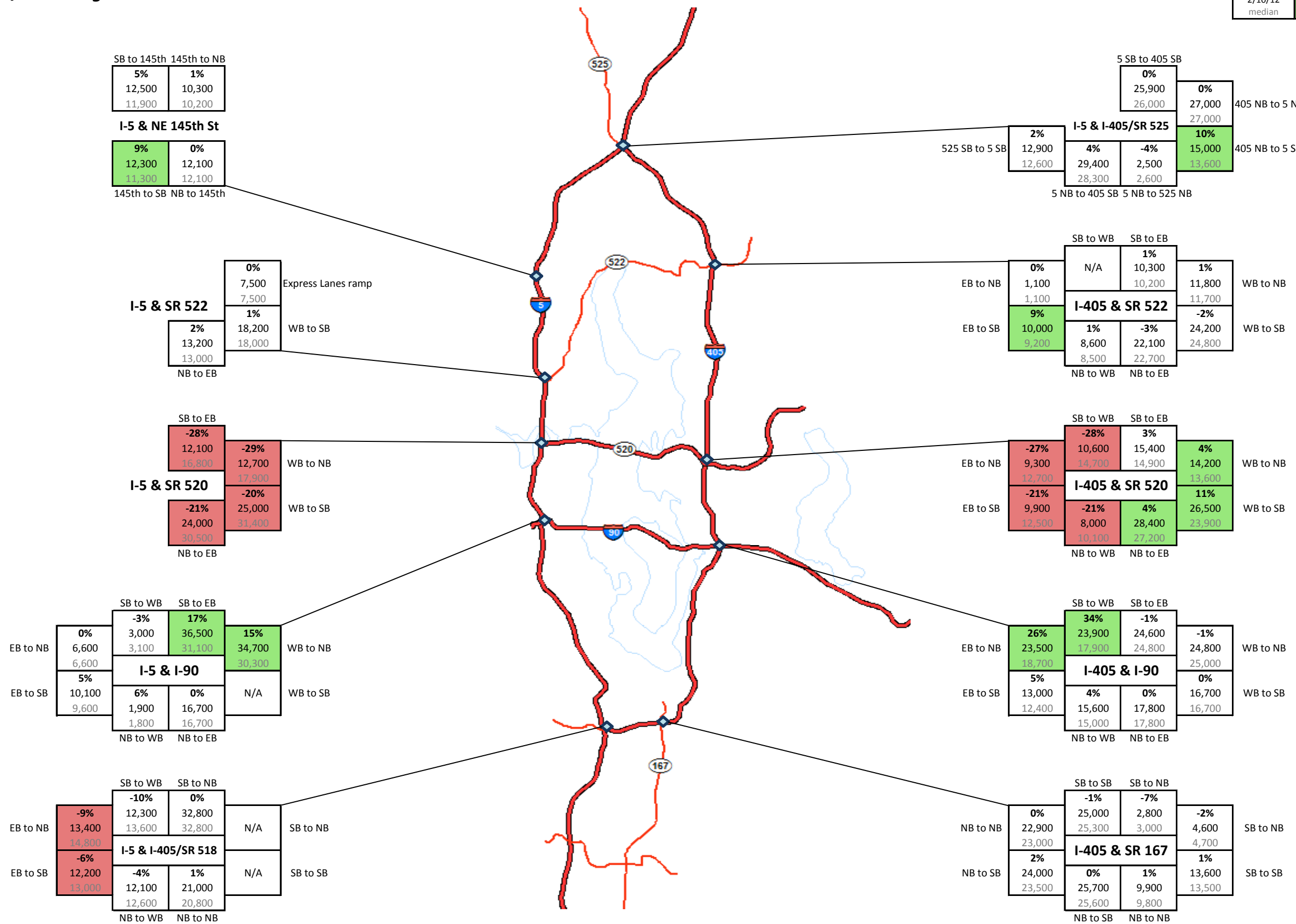
Special Events:

None

SR 520 Tolling: Traffic Monitoring
Daily Interchange Volumes
2/06/12 - 2/10/12 average

Base data: M-F, 10/29-11/18 & 11/26-12/16

% change 2/06/12 - 2/10/12 median	above range of typical variation	below range of typical variation
	(10th/90th percentile)	



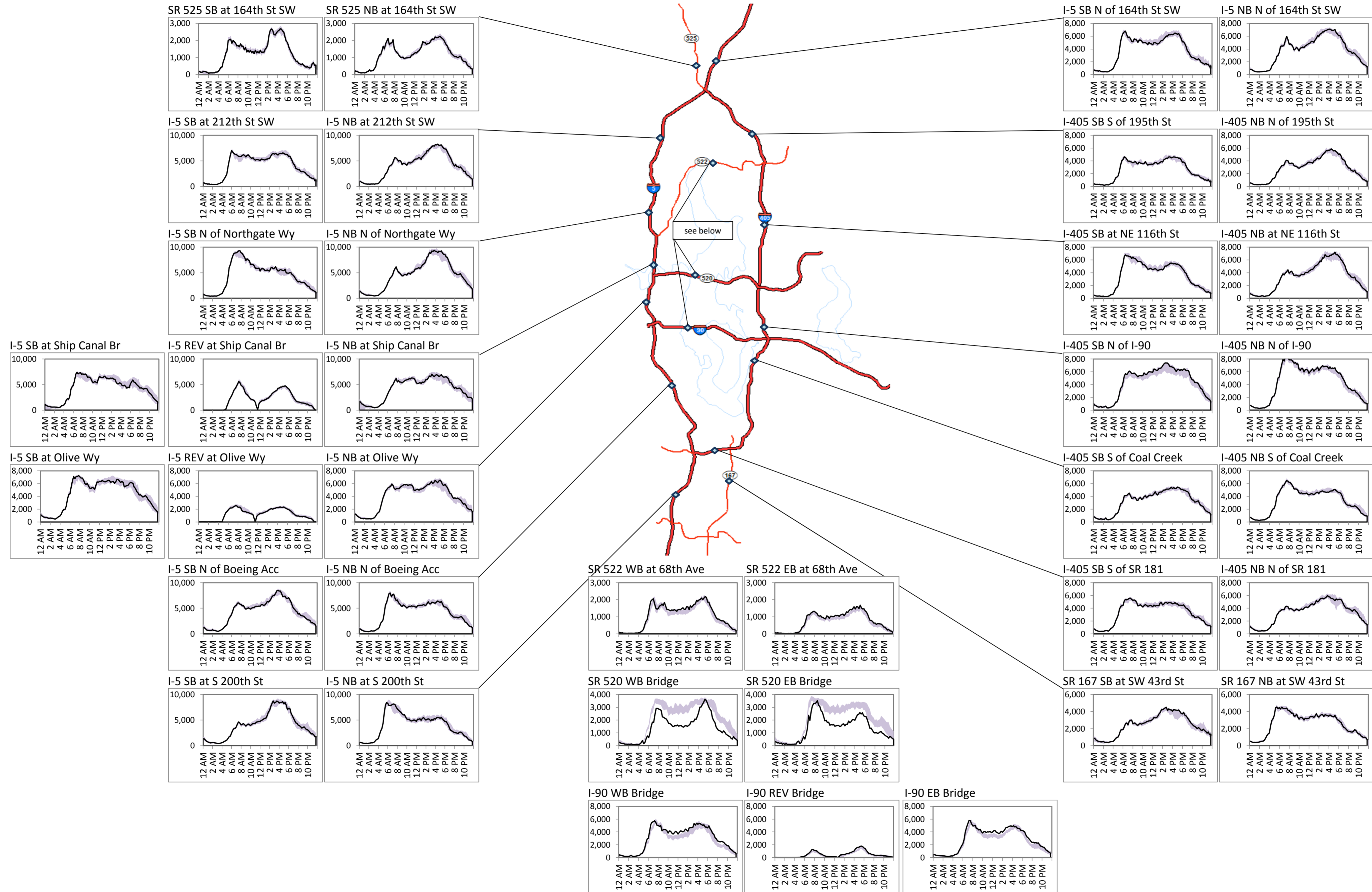
SR 520 Tolling: Traffic Monitoring

Hourly Mainline Volumes

2/06/12 - 2/10/12 average

— 2/06/12 - 2/10/12 average

■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)



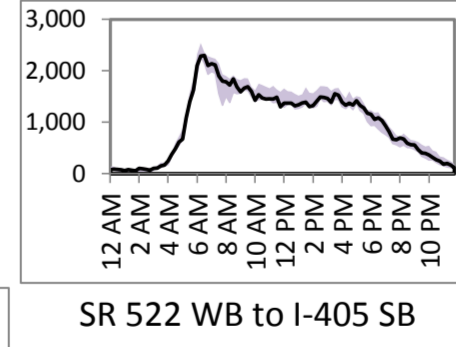
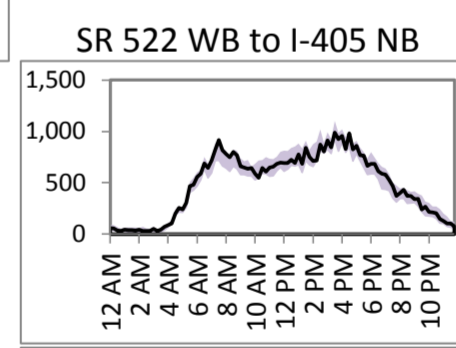
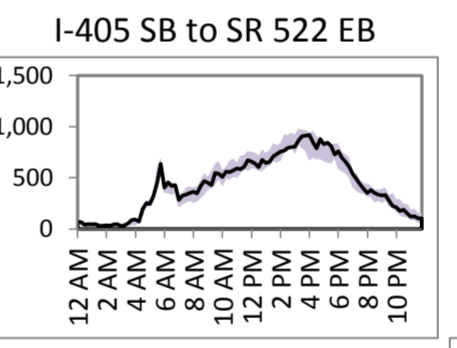
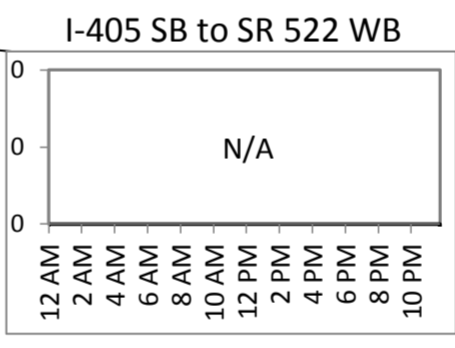
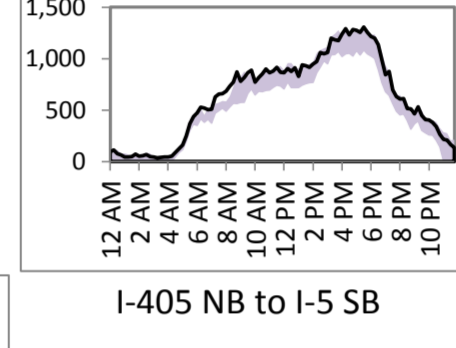
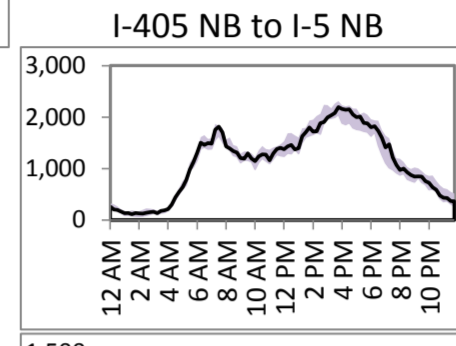
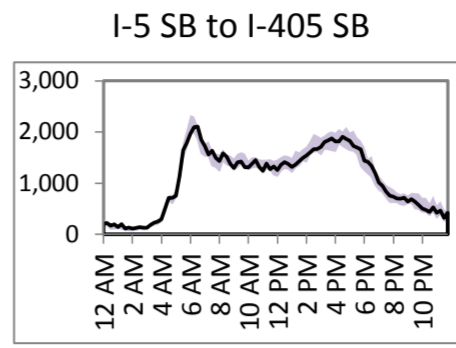
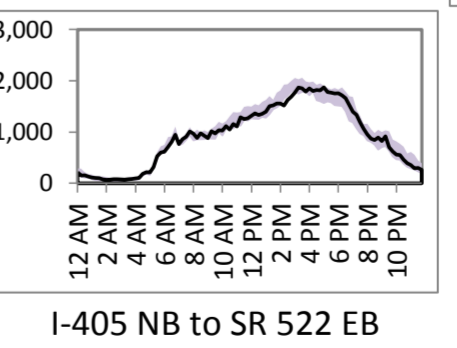
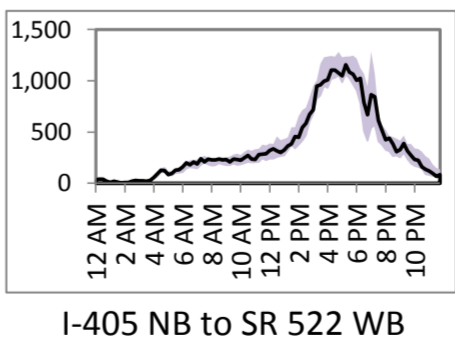
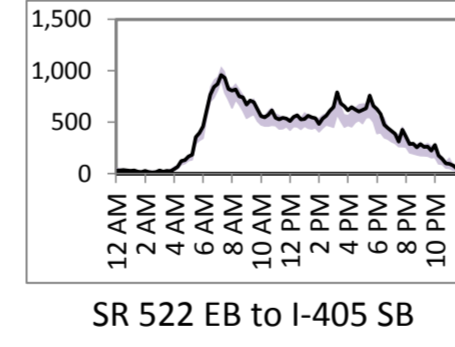
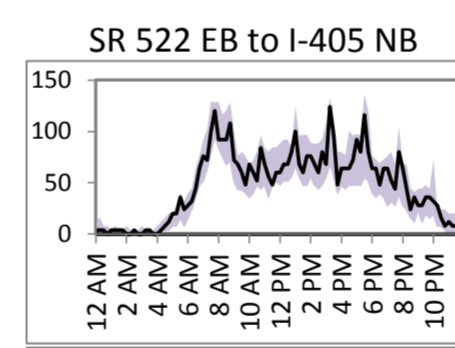
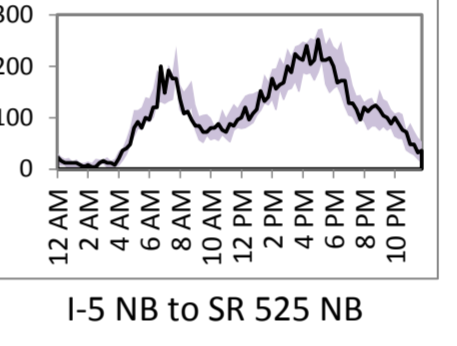
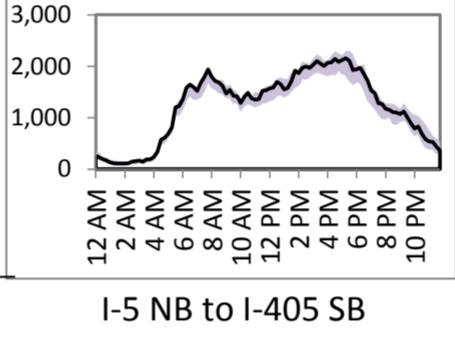
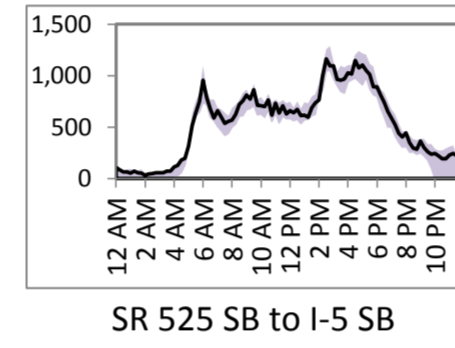
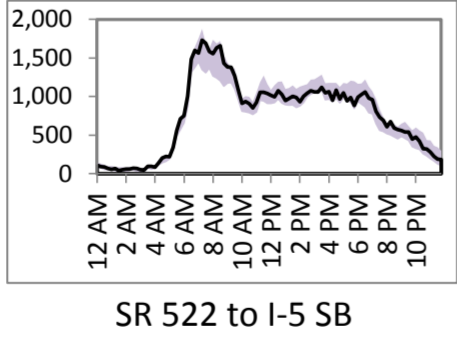
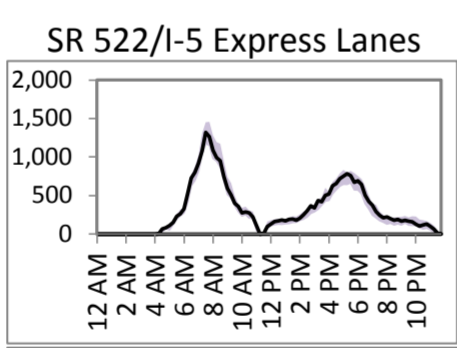
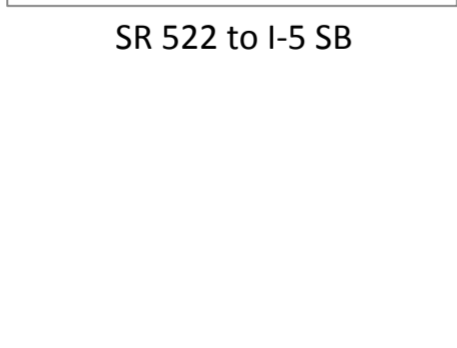
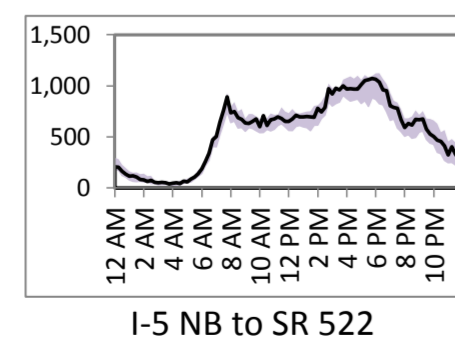
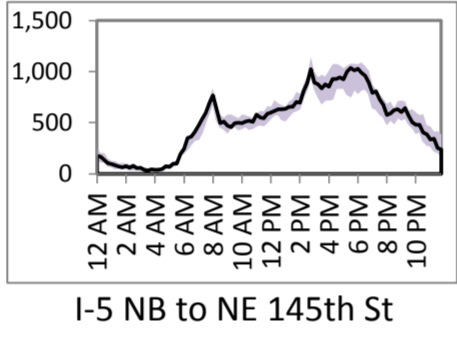
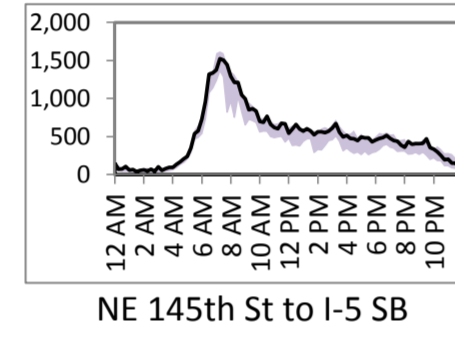
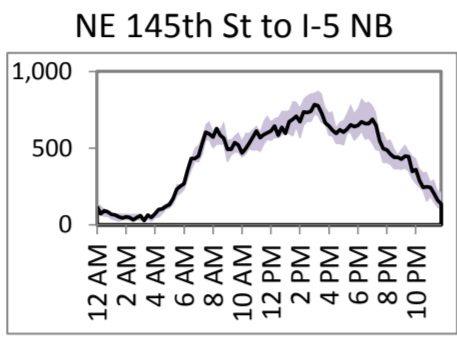
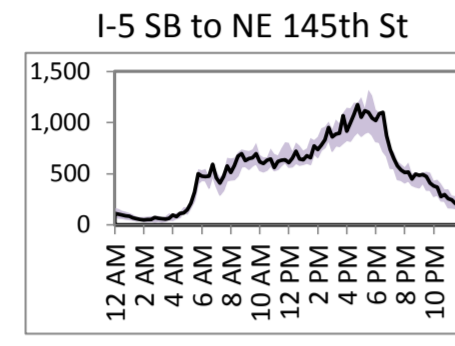
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

2/06/12 - 2/10/12 average

— 2/06/12 - 2/10/12 average

■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)



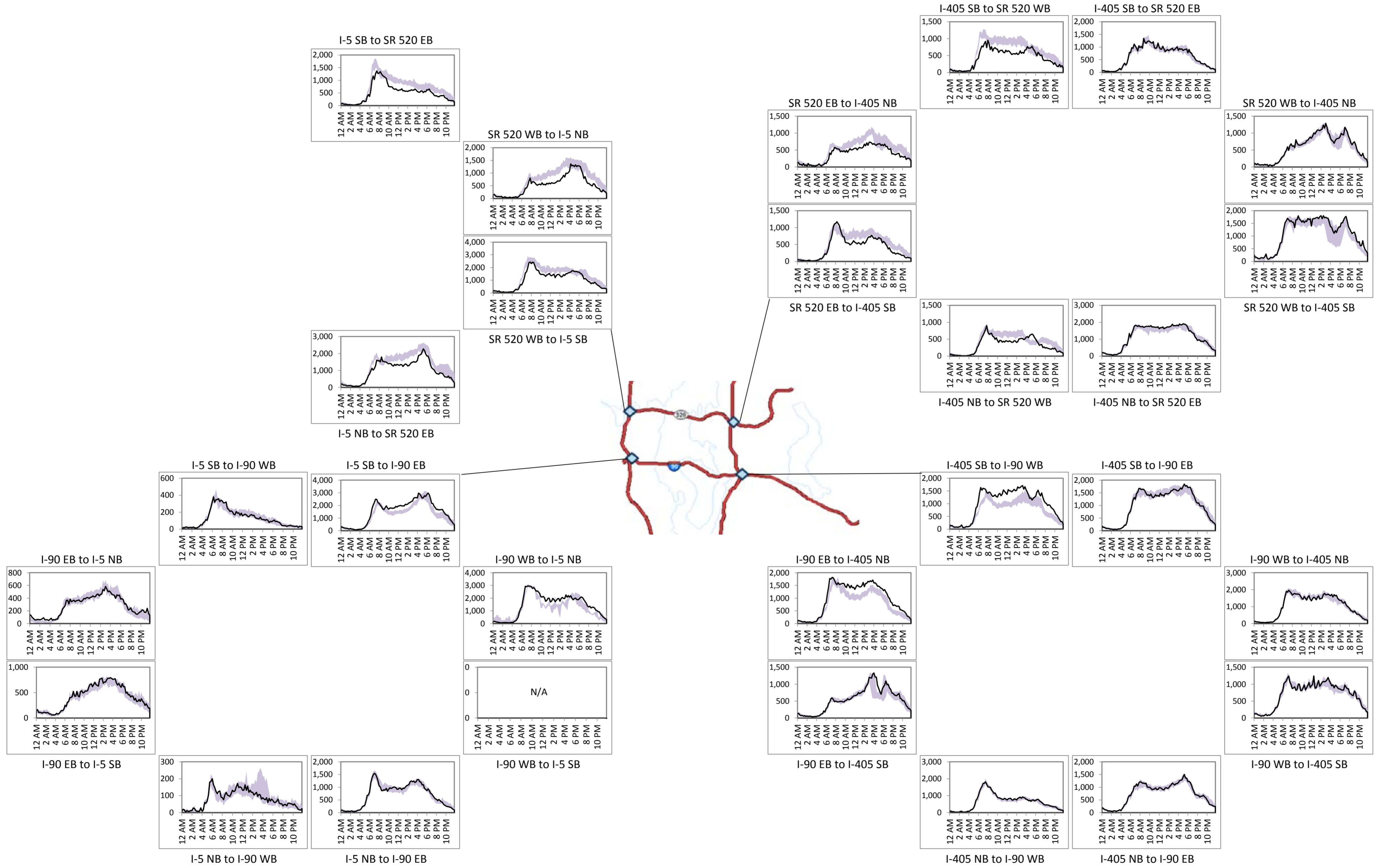
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Hourly Interchange Volumes

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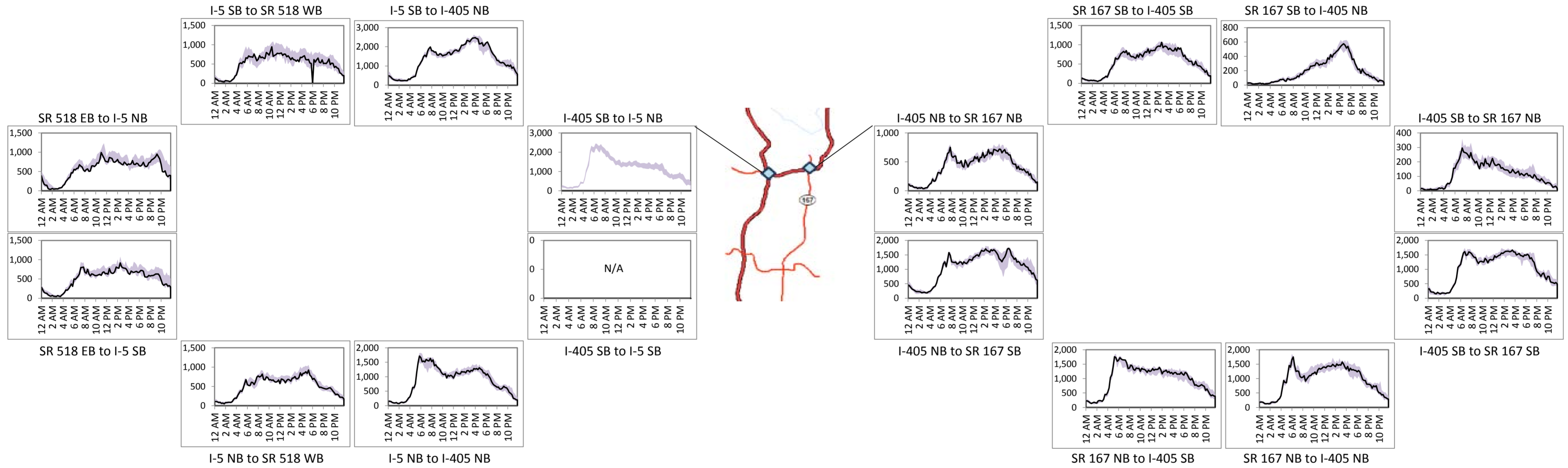
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

2/06/12 - 2/10/12 average

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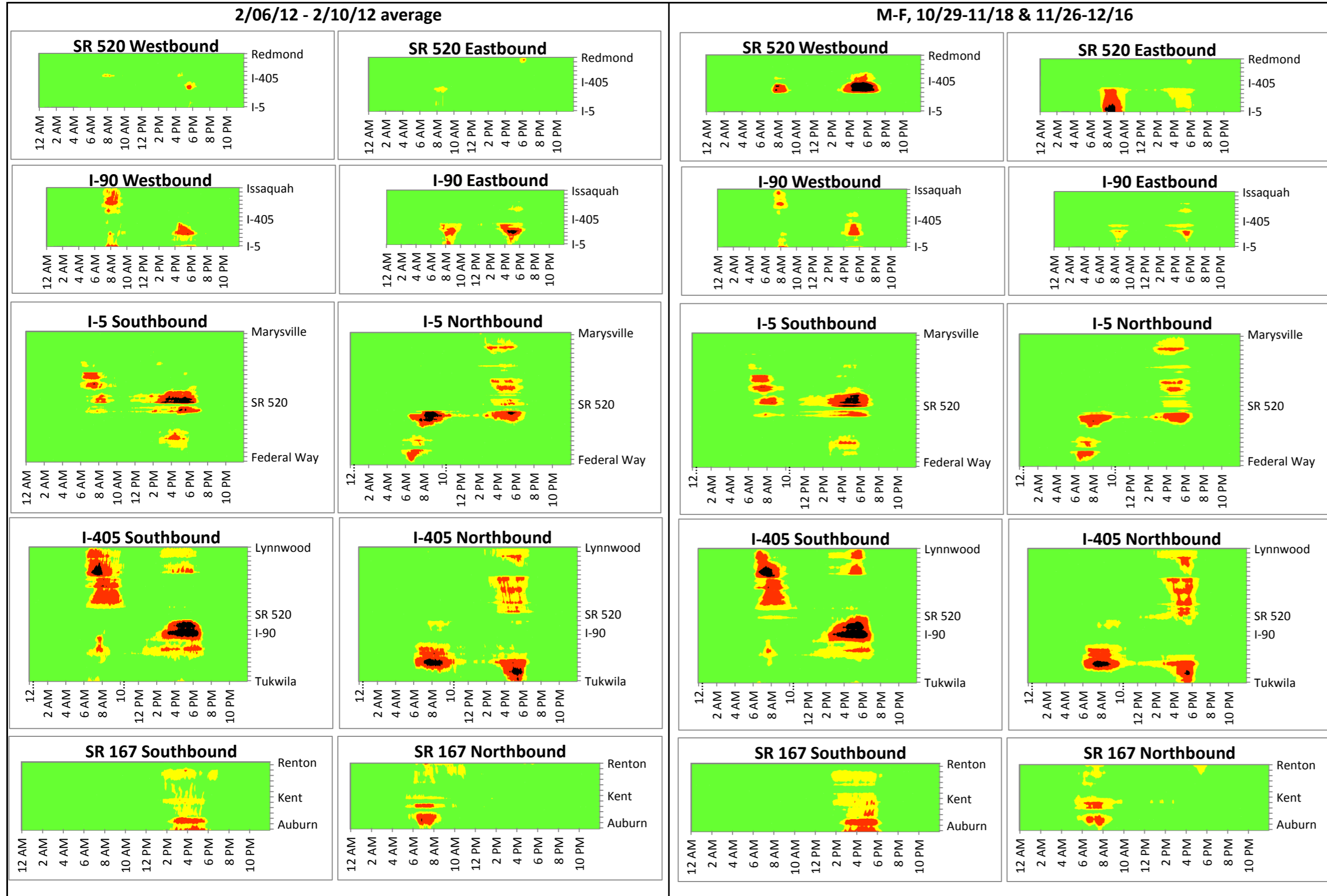


SR 520 Tolling: Traffic Monitoring

Congestion Contours

2/06/12 - 2/10/12 average

- free flow
- moderate
- heavy
- stop and go



SR 520 Tolling: Traffic Monitoring

SR 520 Detail

2/06/12 - 2/10/12 average

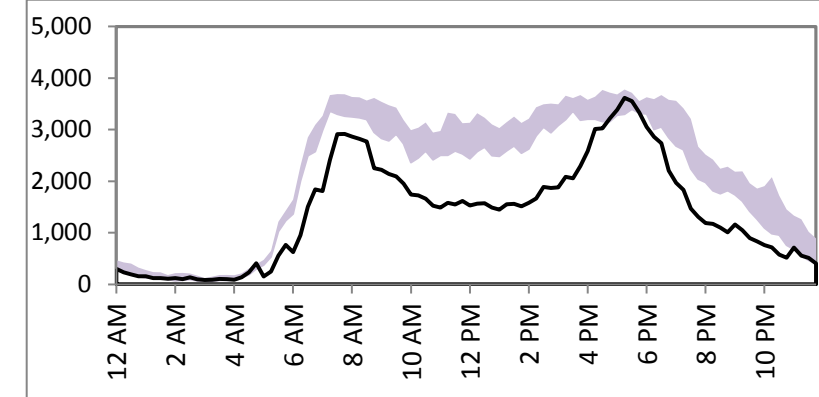
Mainline Volume



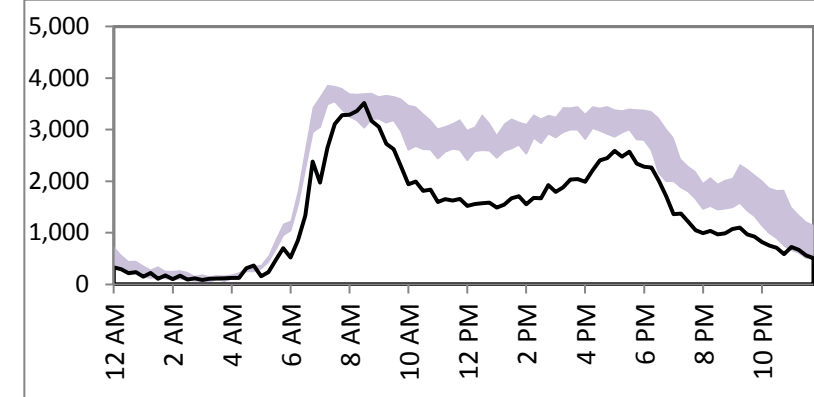
SR 520 Bridge

WB	EB
-34%	-33%
33,900	33,000
51,600	49,500

SR 520 WB Bridge



SR 520 EB Bridge



Ramp Volume

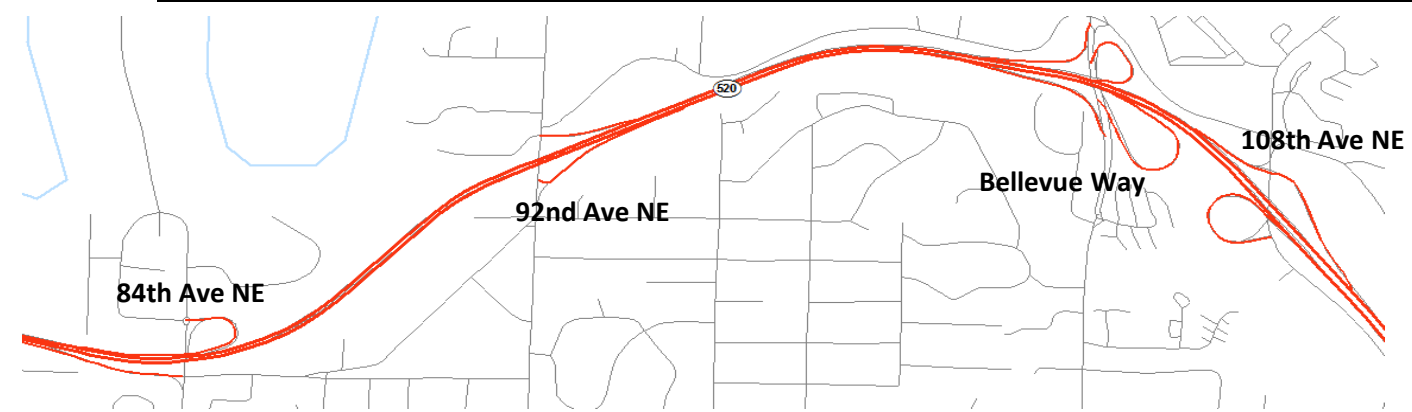
Montlake Blvd		Lk Wa Blvd
WB on ramp	WB exit	WB exit
10%	-30%	-30%
14,900	6,800	3,500
13,600	9,700	5,000

84th Ave NE		92nd Ave NE	Bellevue Way		108th Ave NE	
WB on ramp	WB exit		NB to WB on ramp	SB to WB on ramp	WB on ramp	WB exit
-54%	18%		-29%	-27%	-19%	1%
2,600	4,500		2,500	3,700	2,500	12,400
5,700	3,800		3,500	5,100	3,100	12,300



12%	-26%	-37%
13,800	9,000	3,100
12,300	12,100	4,900

EB exit EB on ramp EB on ramp
Montlake Blvd Lk Wa Blvd



-46%	4%	-26%	7%
3,100	5,100	6,700	11,200
5,700	4,900	9,000	10,500

EB exit EB on ramp EB exit EB on ramp
84th Ave NE 92nd Ave NE Bellevue Way 108th Ave NE

SR 520 Tolling: Traffic Monitoring

I-90 Detail

2/06/12 - 2/10/12 average

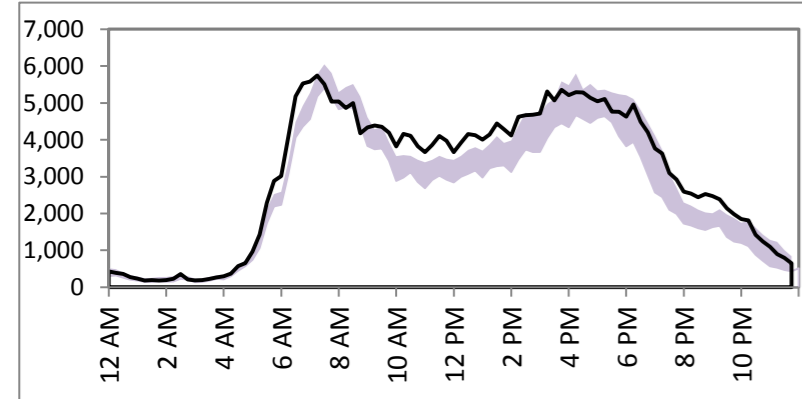
Mainline Volume



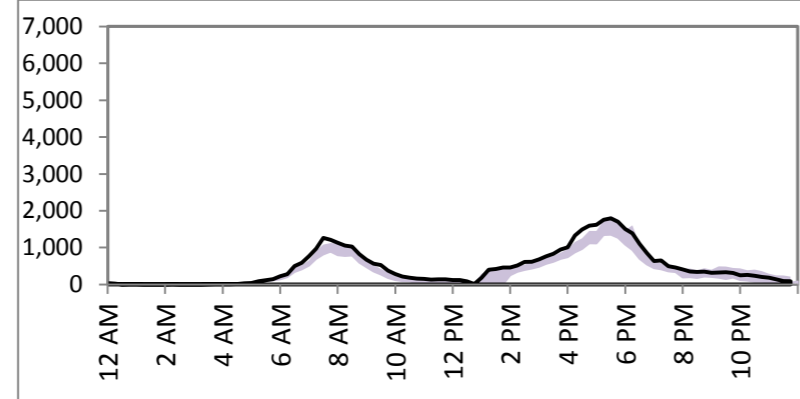
I-90 Bridge

WB	EB
12%	11%
76,900	76,700
68,800	69,100

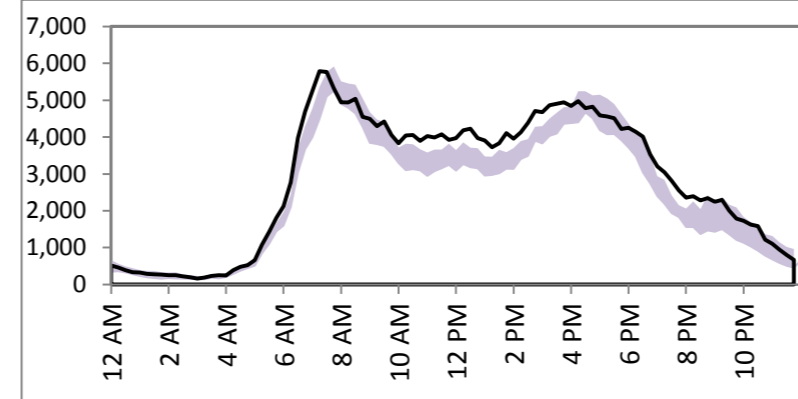
I-90 WB Bridge



I-90 REV Bridge



I-90 EB Bridge



Bellevue Way Ramp Volume

I-90 EB to Bellevue Way
Bellevue Way to I-90 WB

15%	8%
9,300	10,000
8,100	9,300

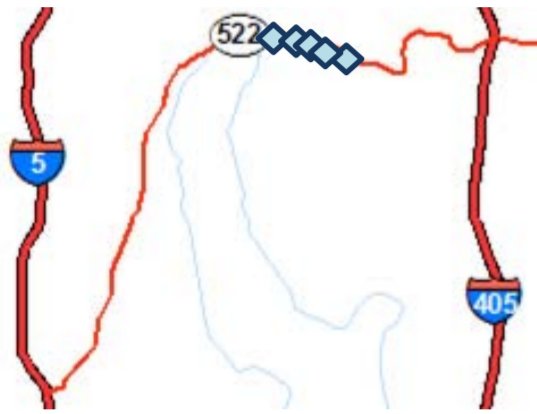
SR 520 Tolling: Traffic Monitoring

SR 522 Detail

2/06/12 - 2/10/12 average

— 2/06/12 - 2/10/12 average
 ■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)

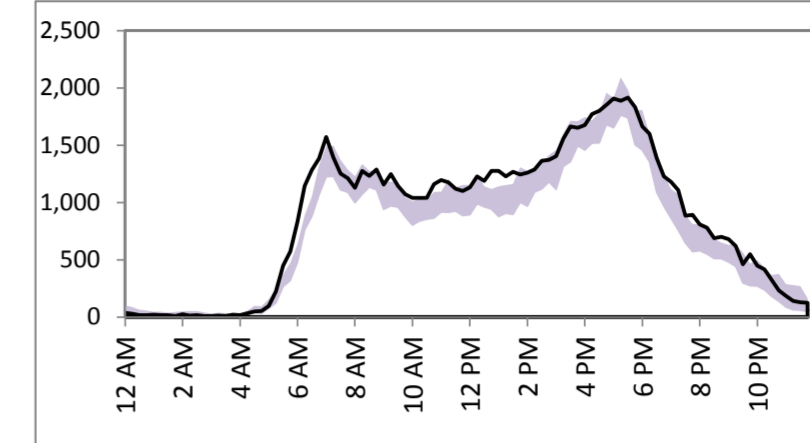
Mainline Volume



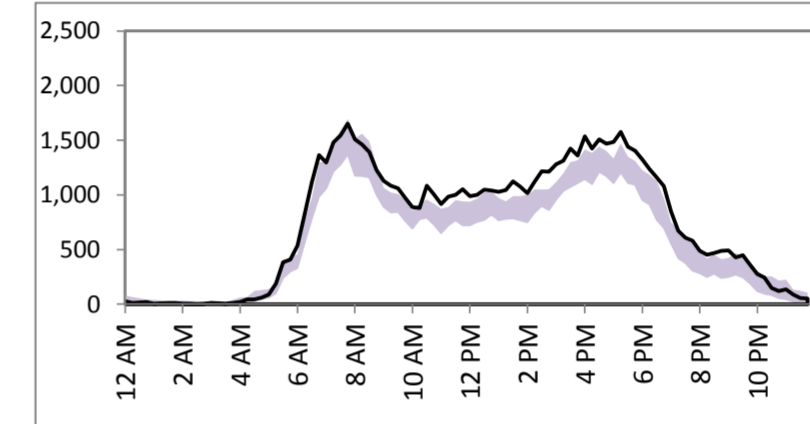
83rd Pl NE

WB	EB
11%	17%
20,900	17,800
18,900	15,200

SR 522 WB at 83rd Ave NE



SR 522 EB at 83rd Ave NE



68th Ave NE

WB	EB
8%	10%
25,800	18,400
24,000	16,700

73rd Ave NE

WB	EB
7%	10%
21,000	20,300
19,700	18,400

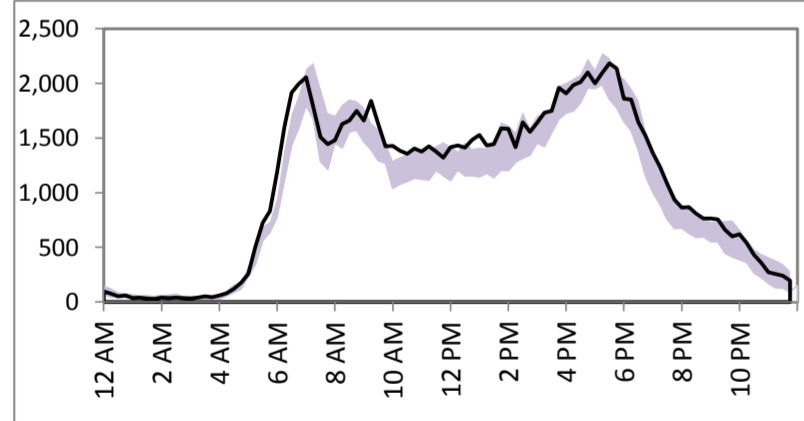
77th Ct NE

WB	EB
7%	11%
21,600	20,700
20,100	18,600

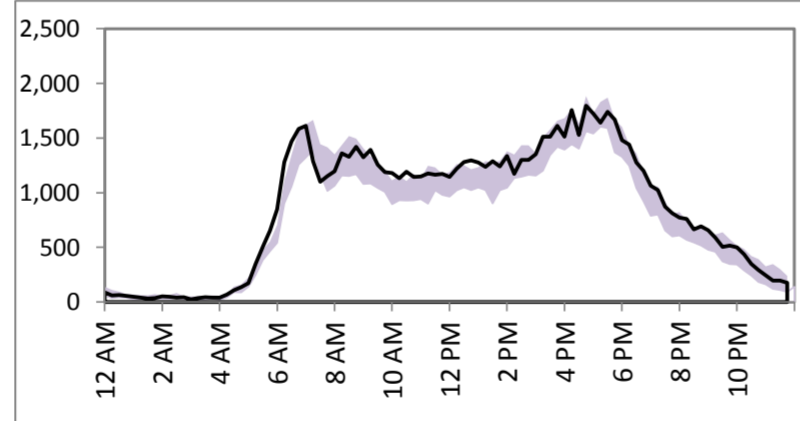
80th Ave NE

WB	EB
6%	14%
21,300	20,300
20,000	17,800

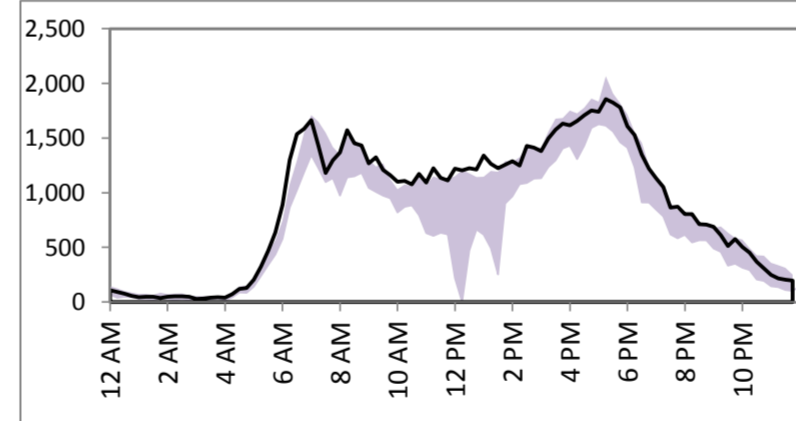
SR 522 WB at 68th Ave NE



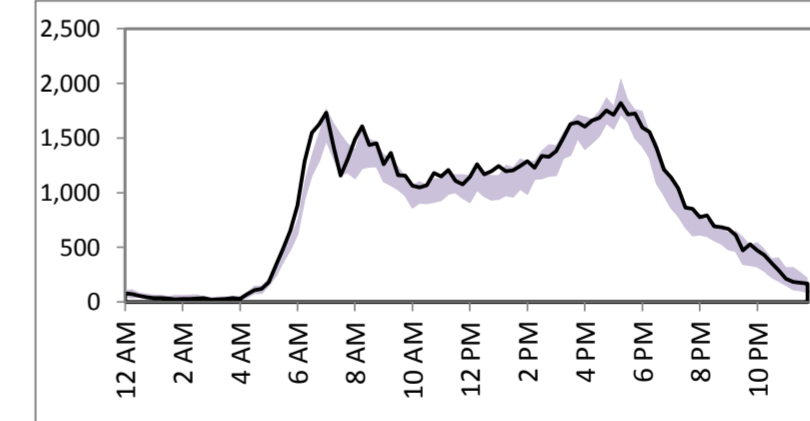
SR 522 WB at 73rd Ave NE



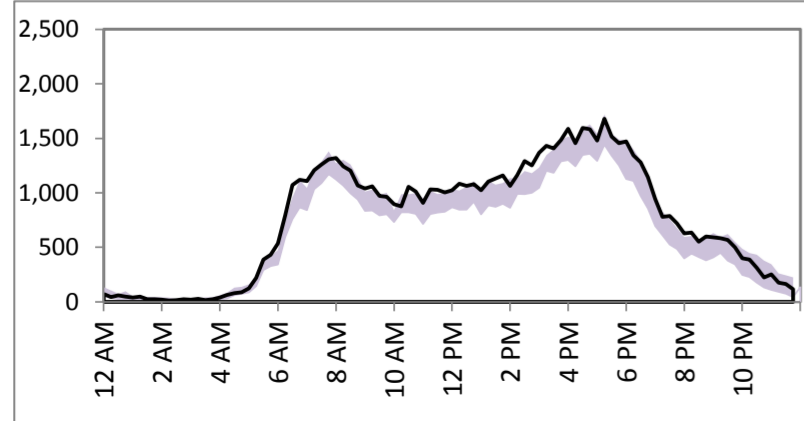
SR 522 WB at 77th Ct NE



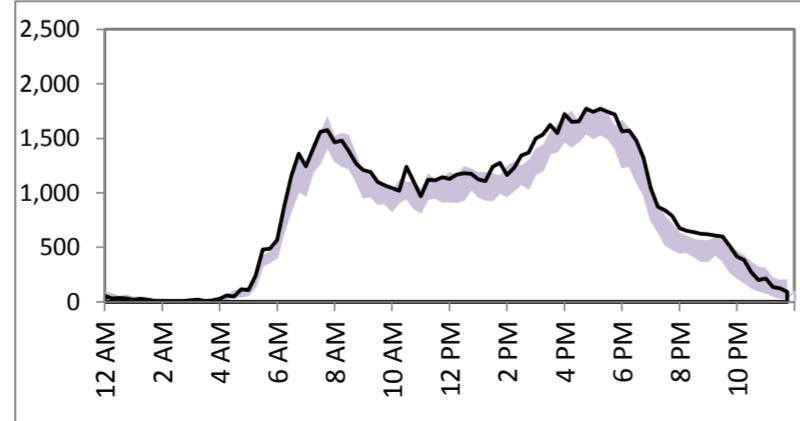
SR 522 WB at 80th Ave NE



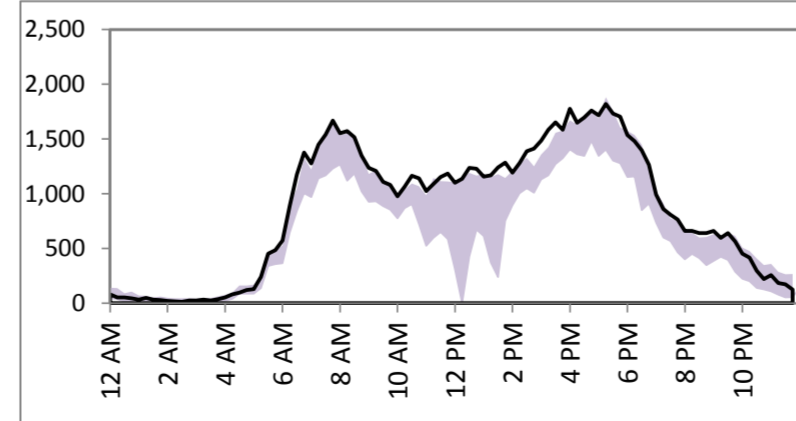
SR 522 EB at 68th Ave NE



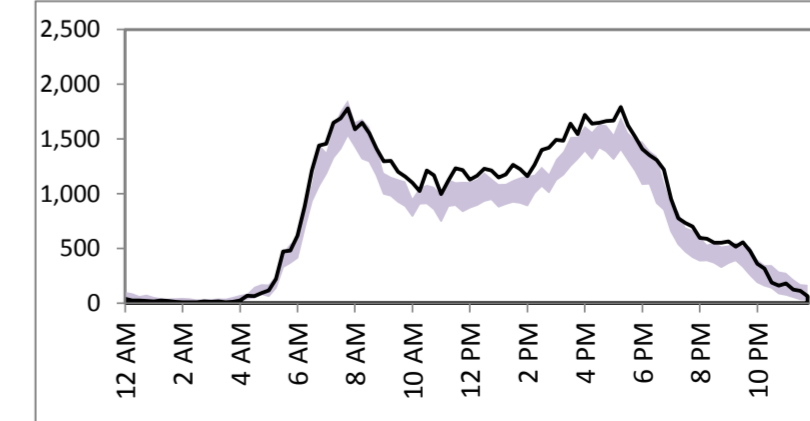
SR 522 EB at 73rd Ave NE



SR 522 EB at 77th Ct NE



SR 522 EB at 80th Ave NE

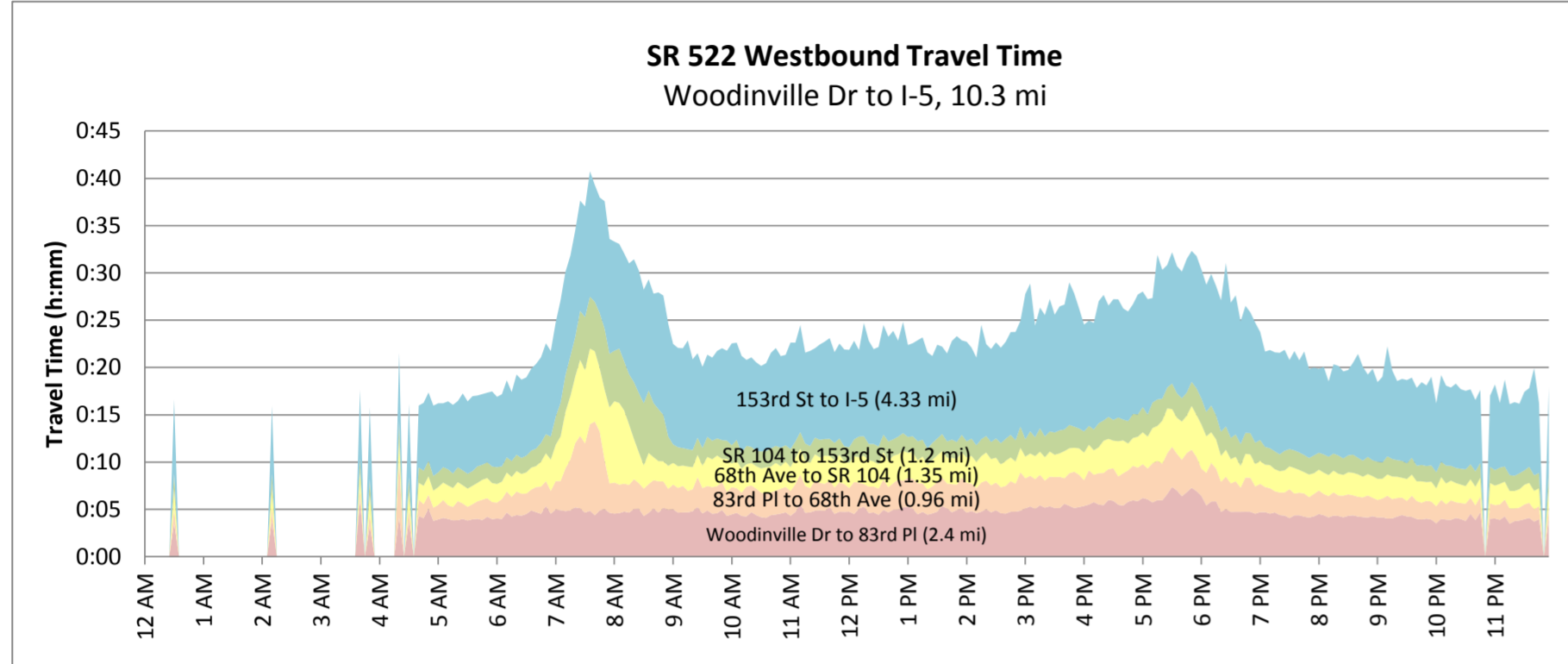


SR 520 Tolling: Traffic Monitoring

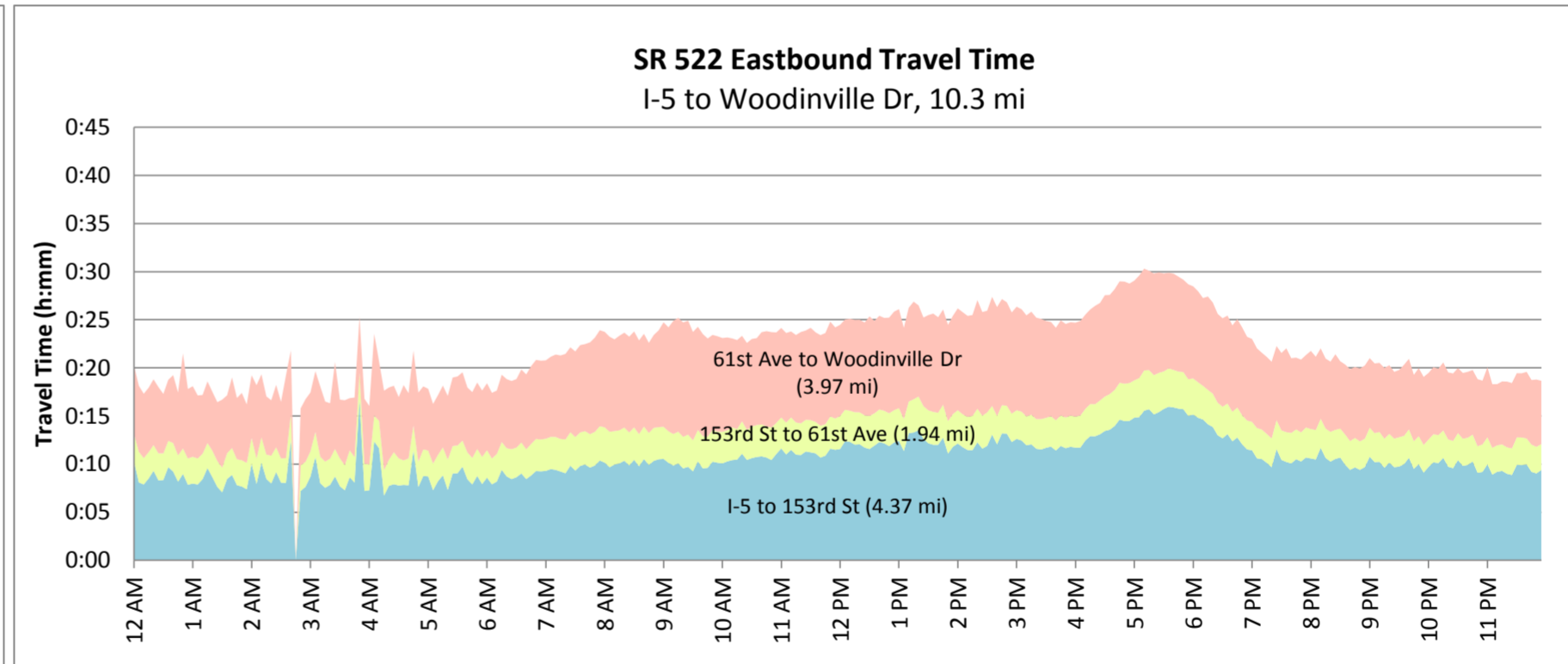
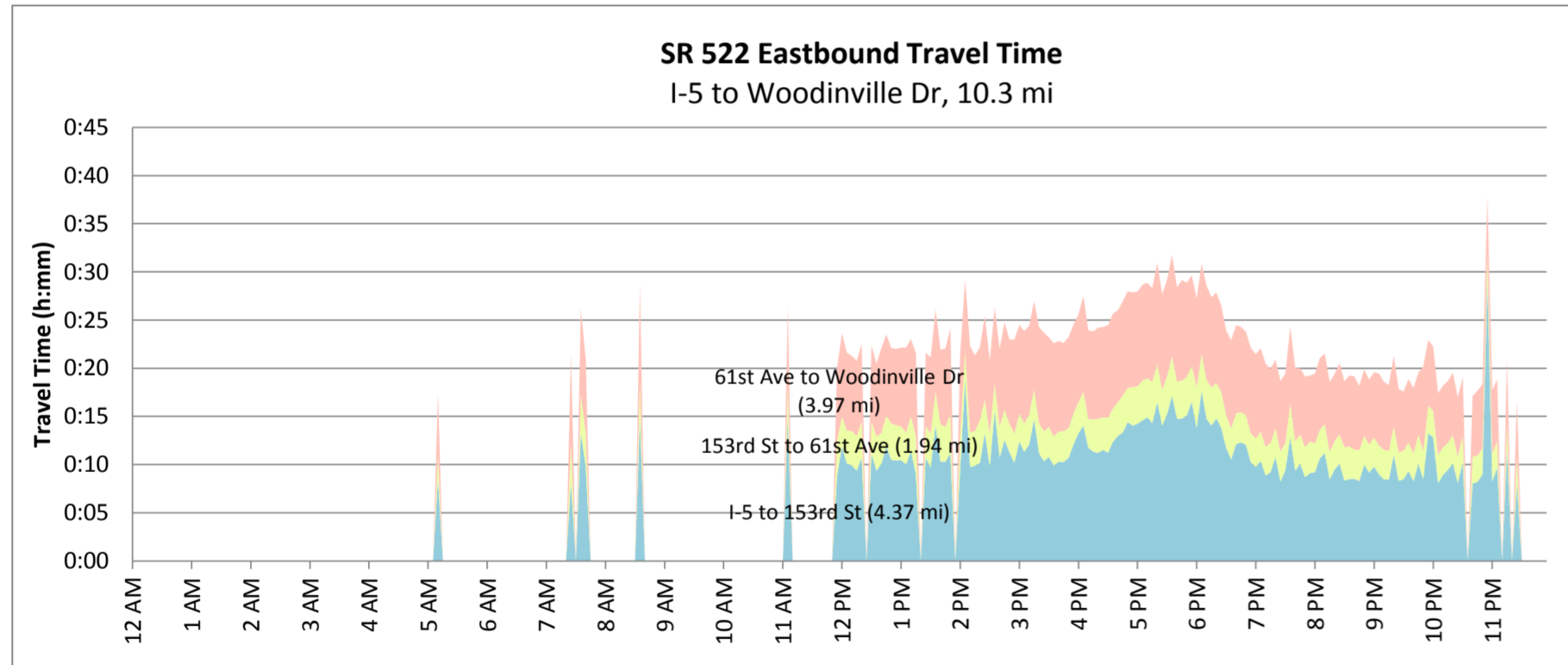
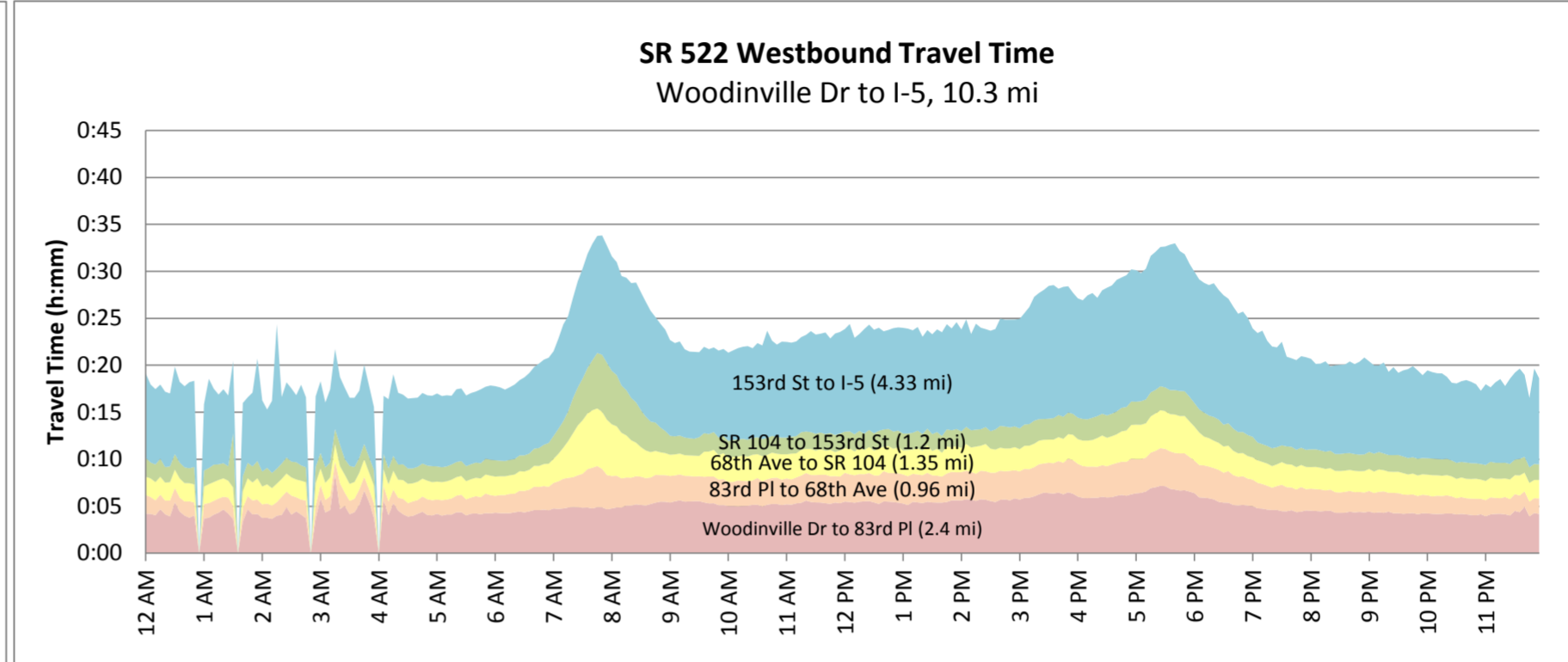
SR 522 Travel Times

2/06/12 - 2/10/12 average

2/06/12 - 2/10/12 average



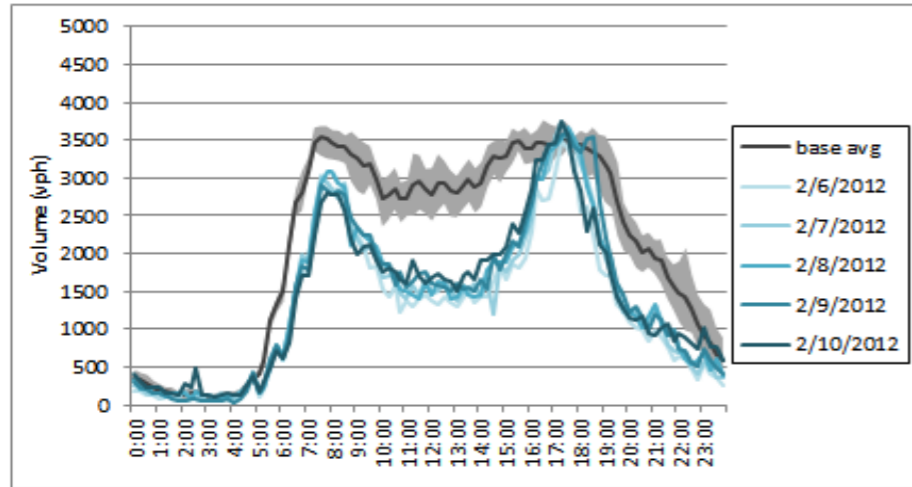
M-F, 10/29-11/18 & 11/26-12/16



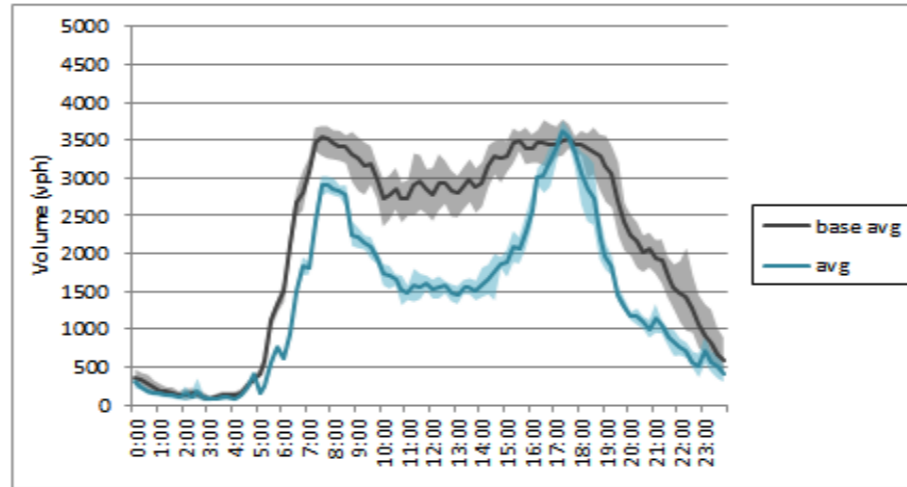
Note: travel time data may be unavailable during time periods with low traffic volume

SR 520 Tolling: Traffic Monitoring
Hourly Mainline Volume Graphs
February 6-10, 2012

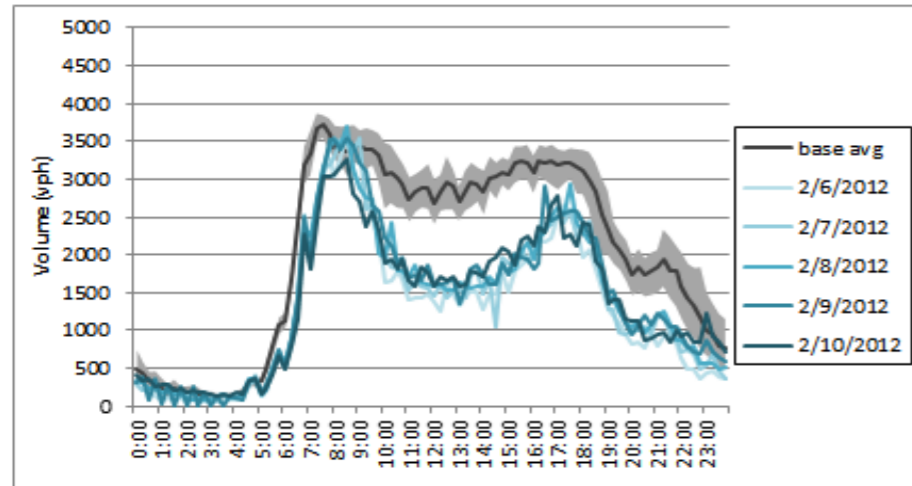
SR 520 WB Volume - Week 6



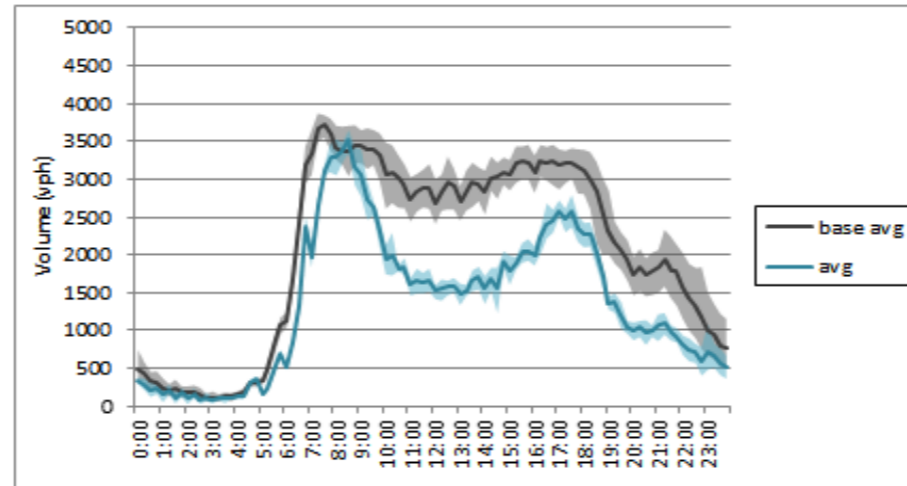
SR 520 WB Volume - Week 6



SR 520 EB Volume - Week 6

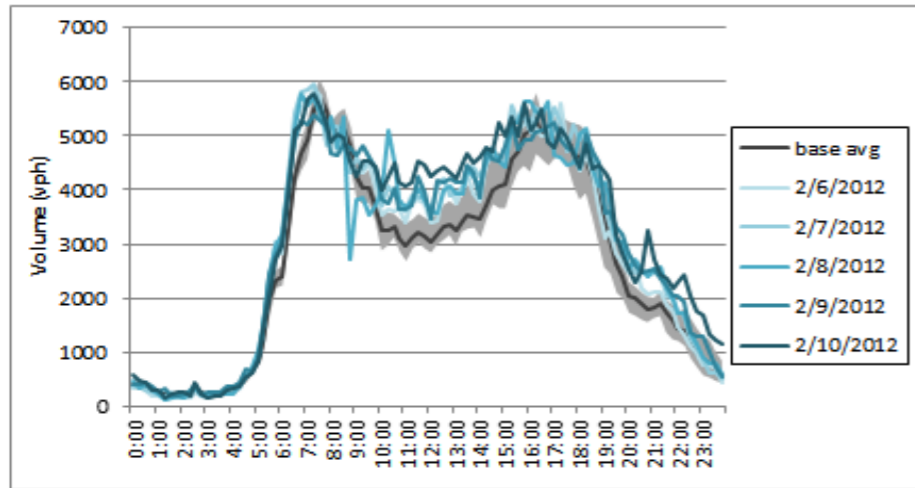


SR 520 EB Volume - Week 6

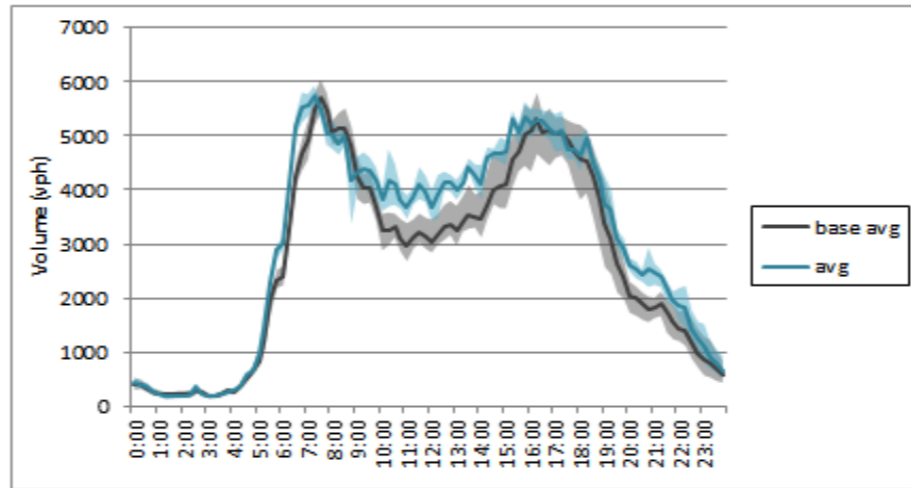


SR 520 Tolling: Traffic Monitoring
Hourly Mainline Volume Graphs
February 6-10, 2012

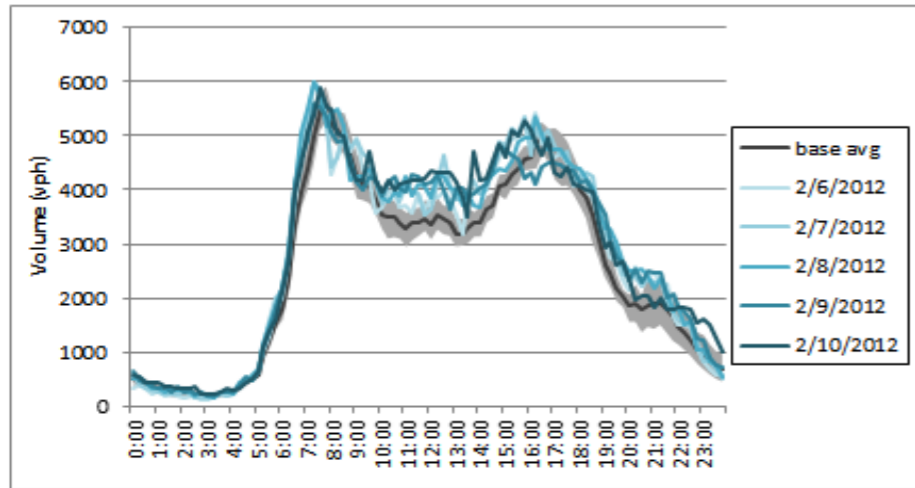
I-90 WB Volume - Week 6



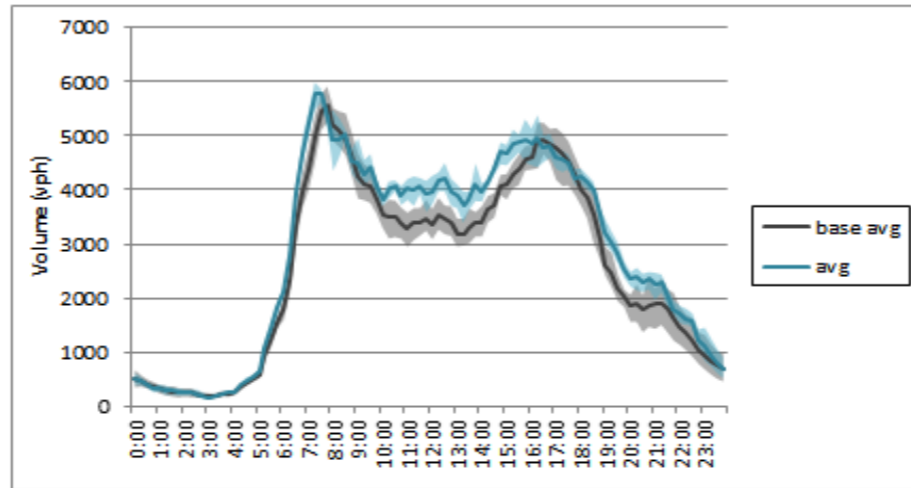
I-90 WB Volume - Week 6



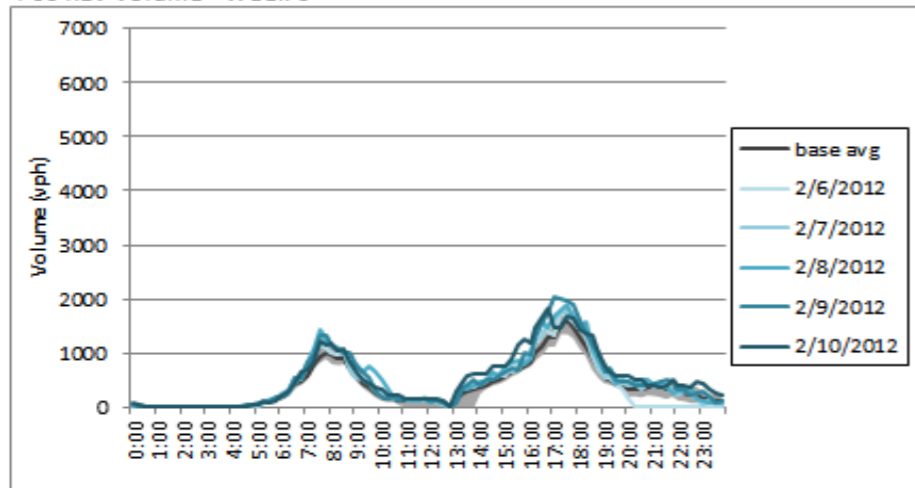
I-90 EB Volume - Week 6



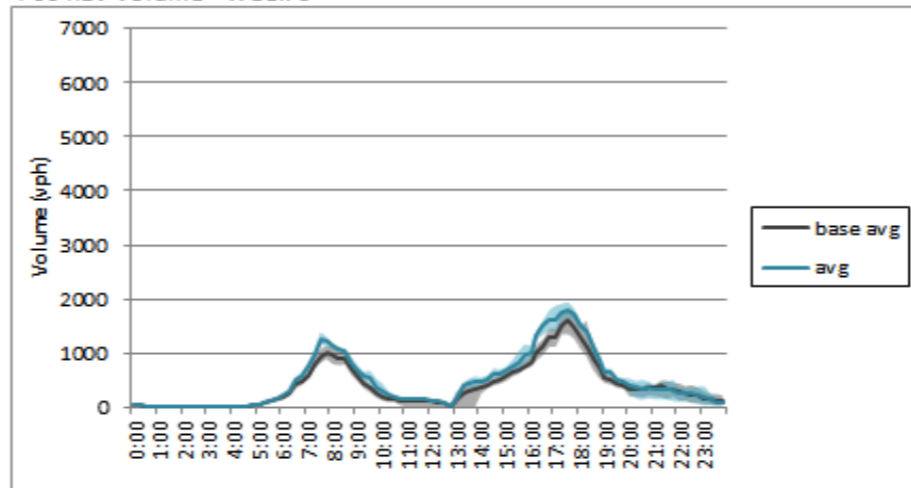
I-90 EB Volume - Week 6



I-90 REV Volume - Week 6

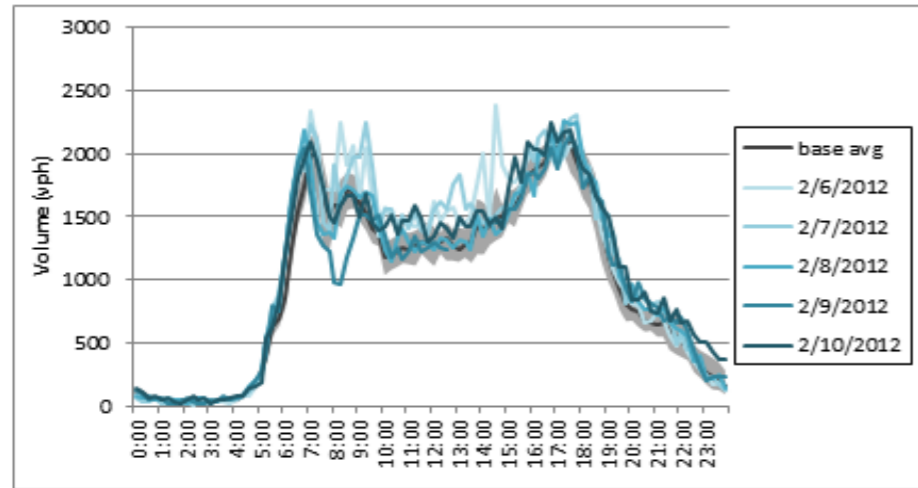


I-90 REV Volume - Week 6

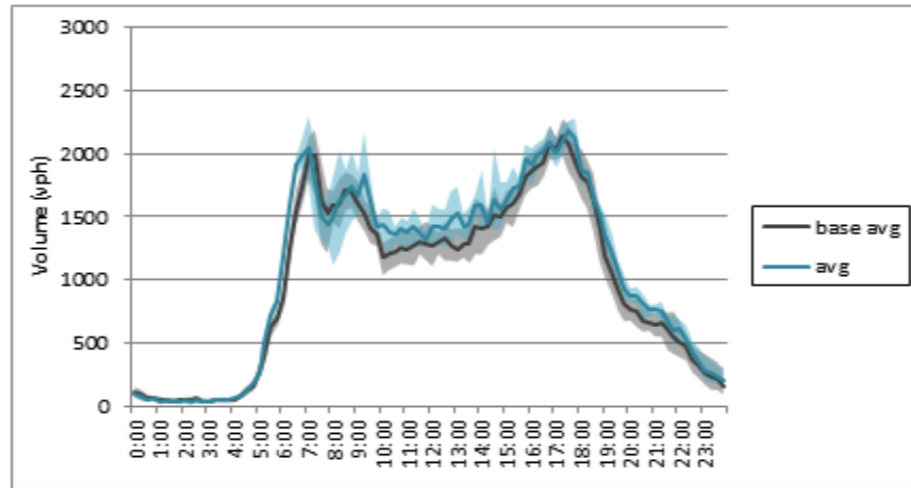


SR 520 Tolling: Traffic Monitoring
Hourly Mainline Volume Graphs
February 6-10, 2012

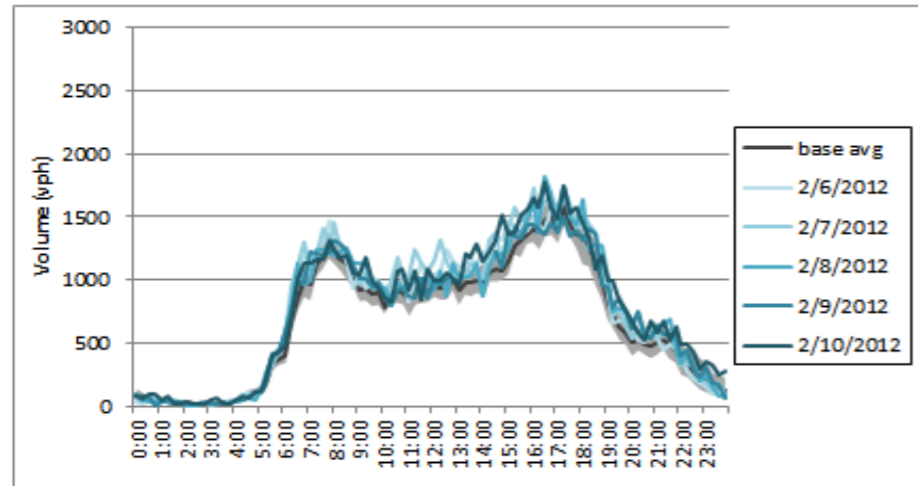
SR 522 WB Volume - Week 6



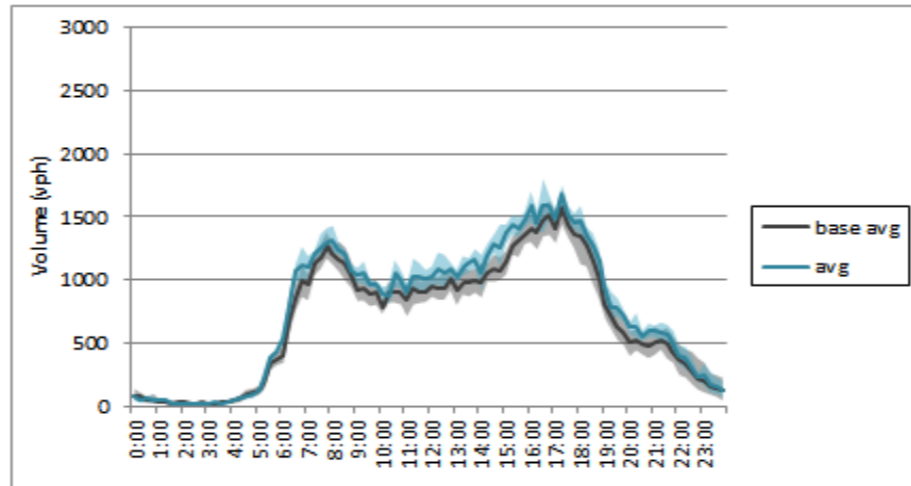
SR 522 WB Volume - Week 6



SR 522 EB Volume - Week 6



SR 522 EB Volume - Week 6

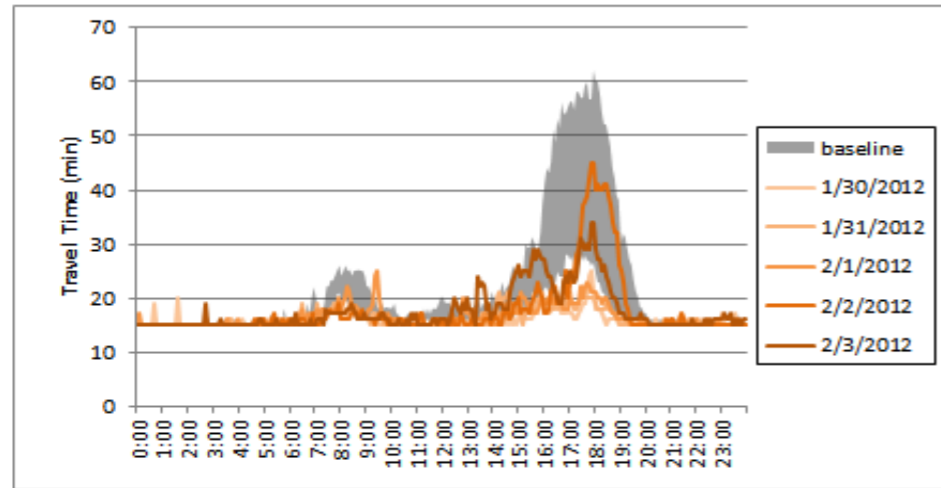


SR 520 Tolling: Traffic Monitoring

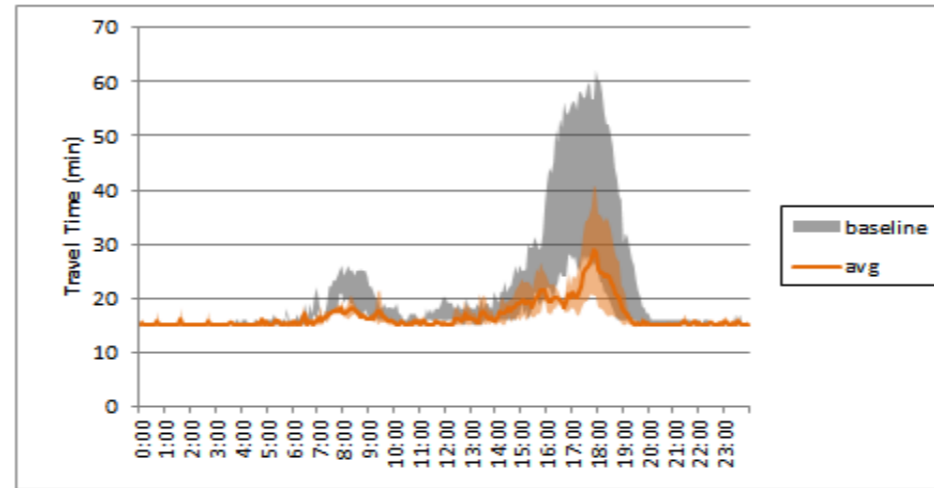
Travel Time Graphs

February 6-10, 2012

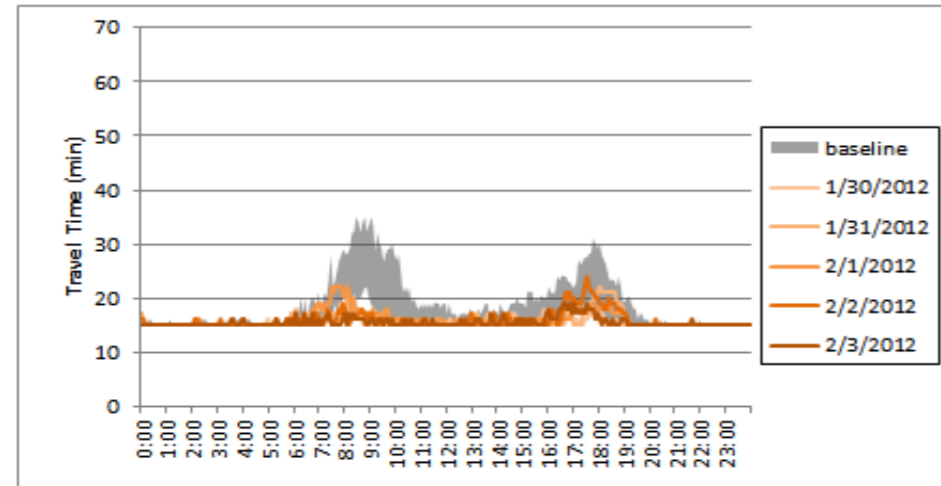
SR 520 WB Travel Time - Redmond to Seattle - Week 5



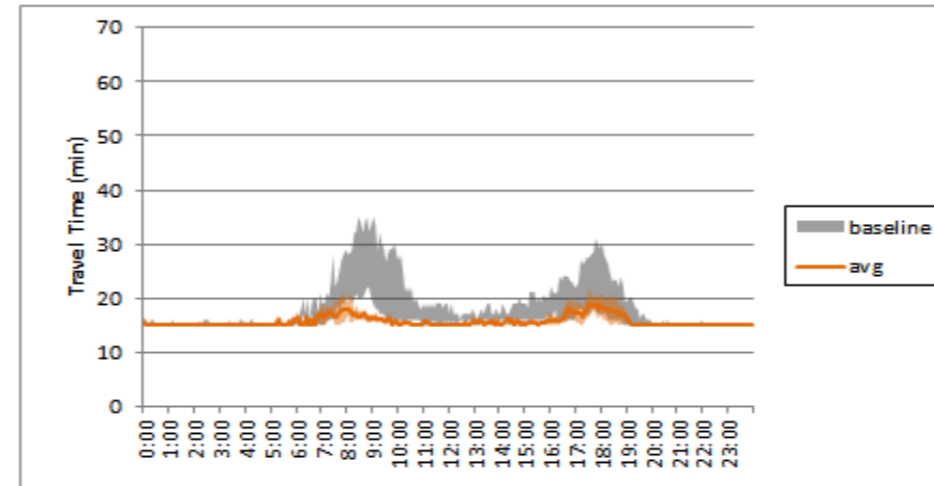
SR 520 WB Travel Time - Redmond to Seattle - Week 5



SR 520 EB Travel Time - Seattle to Redmond - Week 5



SR 520 EB Travel Time - Seattle to Redmond - Week 5

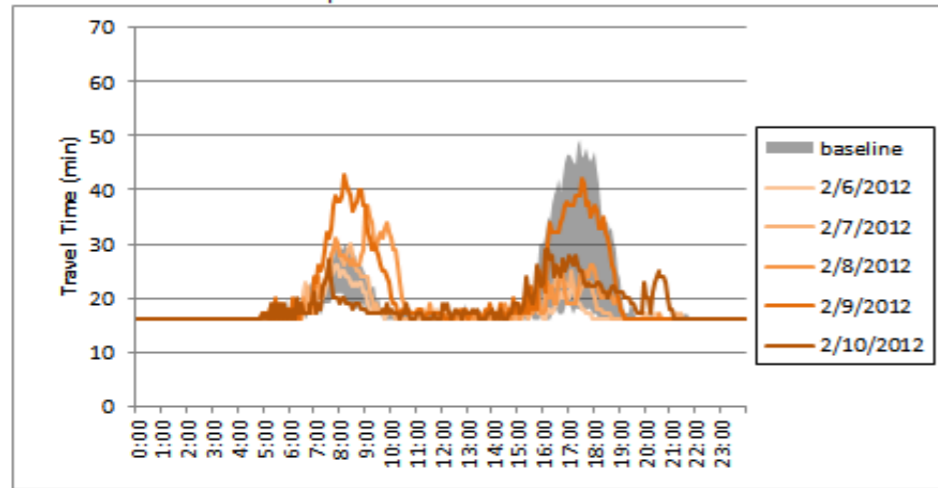


SR 520 Tolling: Traffic Monitoring

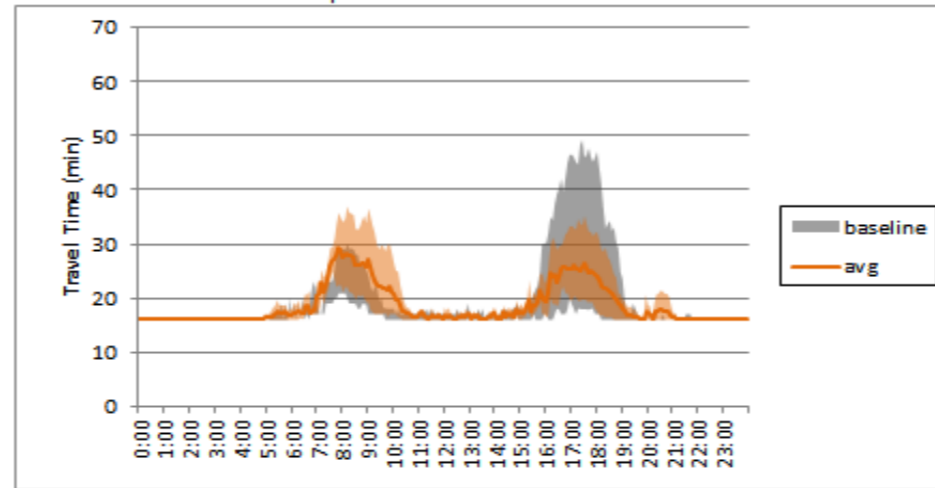
Travel Time Graphs

February 6-10, 2012

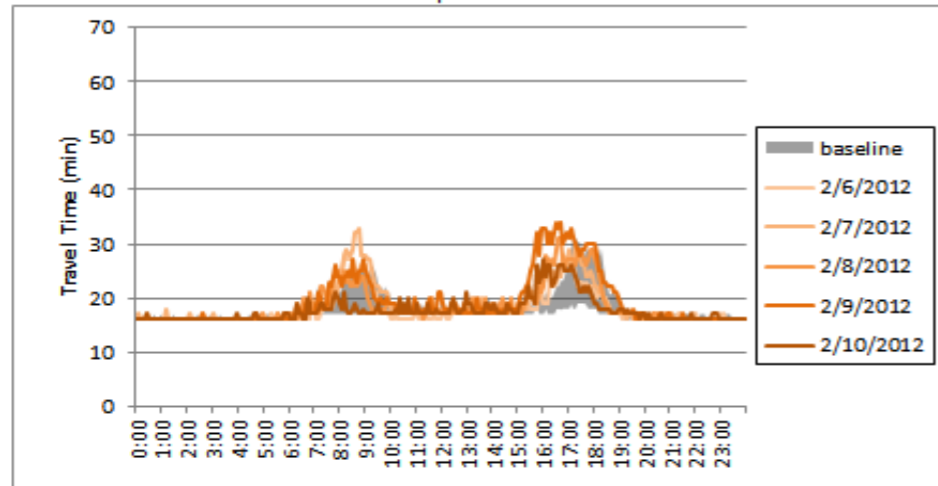
I-90 WB Travel Time - Issaquah to Seattle - Week 6



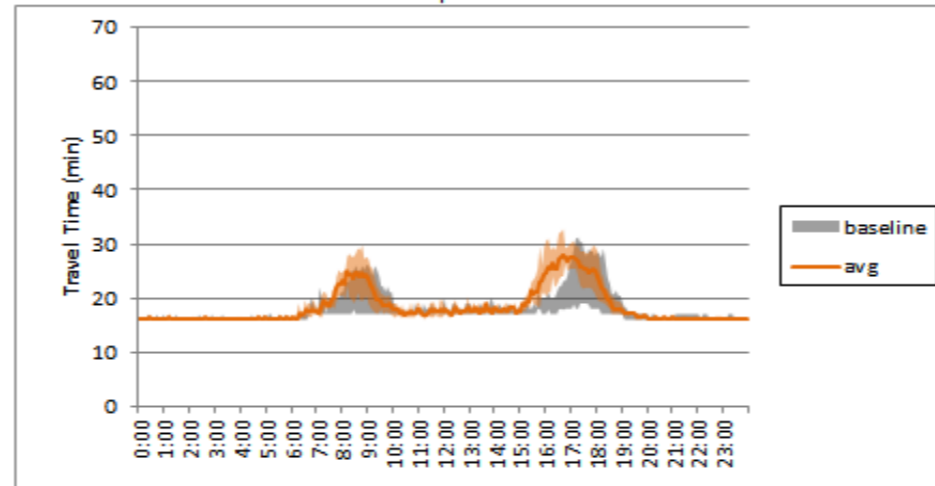
I-90 WB Travel Time - Issaquah to Seattle - Week 6



I-90 EB Travel Time - Seattle to Issaquah - Week 6



I-90 EB Travel Time - Seattle to Issaquah - Week 6

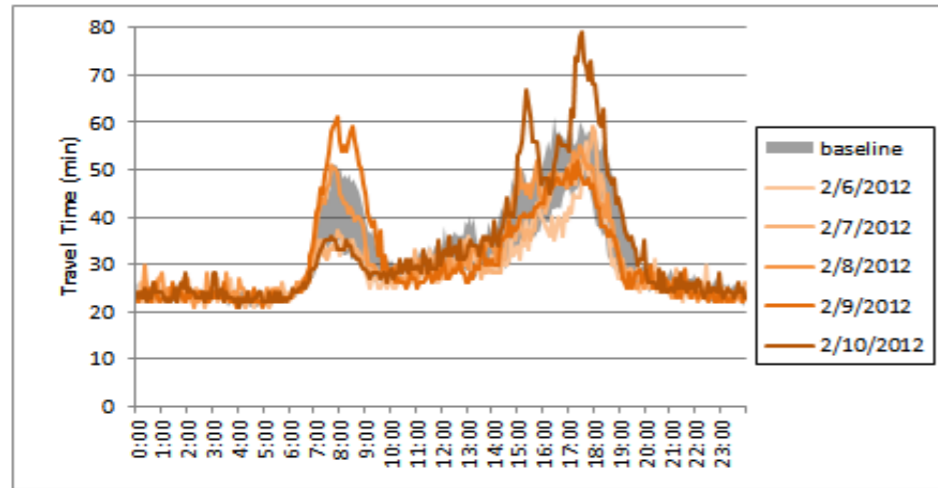


SR 520 Tolling: Traffic Monitoring

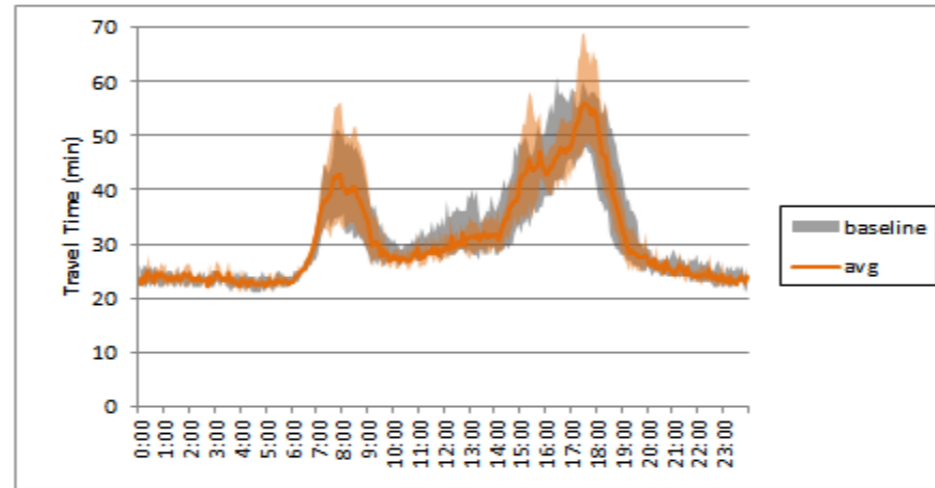
Travel Time Graphs

February 6-10, 2012

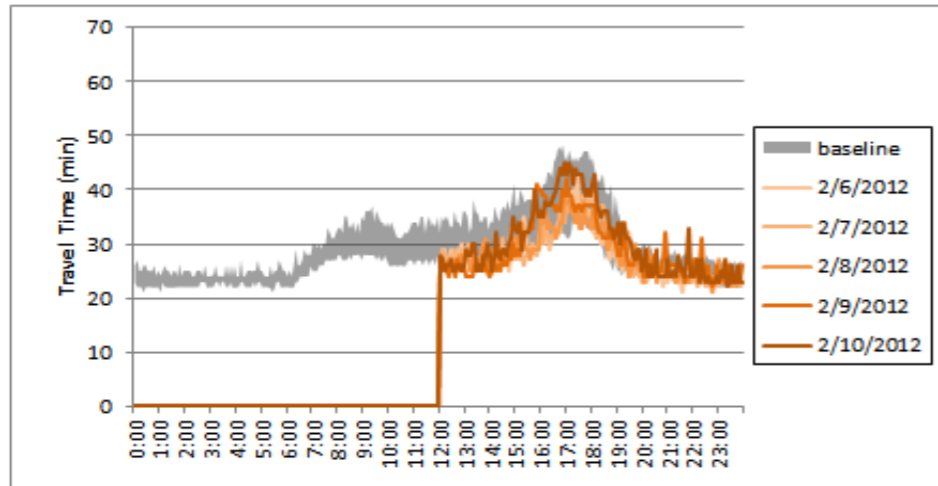
SR 522 WB Travel Time - Woodinville to Seattle - Week 6



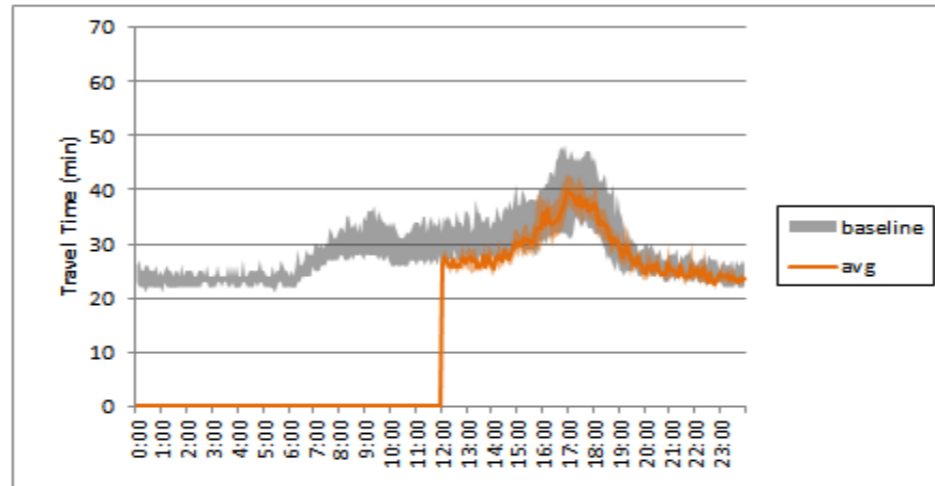
SR 522 WB Travel Time - Woodinville to Seattle - Week 6



SR 522 EB Travel Time - Seattle to Woodinville - Week 6



SR 522 EB Travel Time - Seattle to Woodinville - Week 6

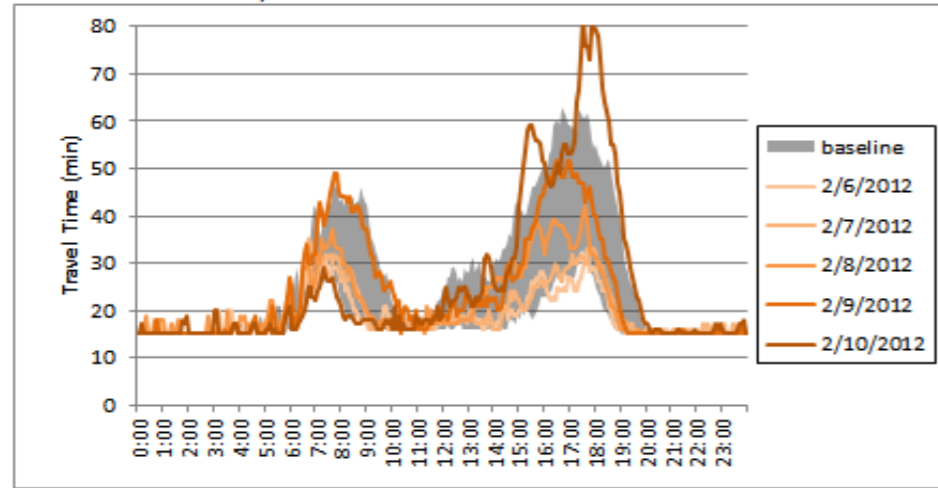


SR 520 Tolling: Traffic Monitoring

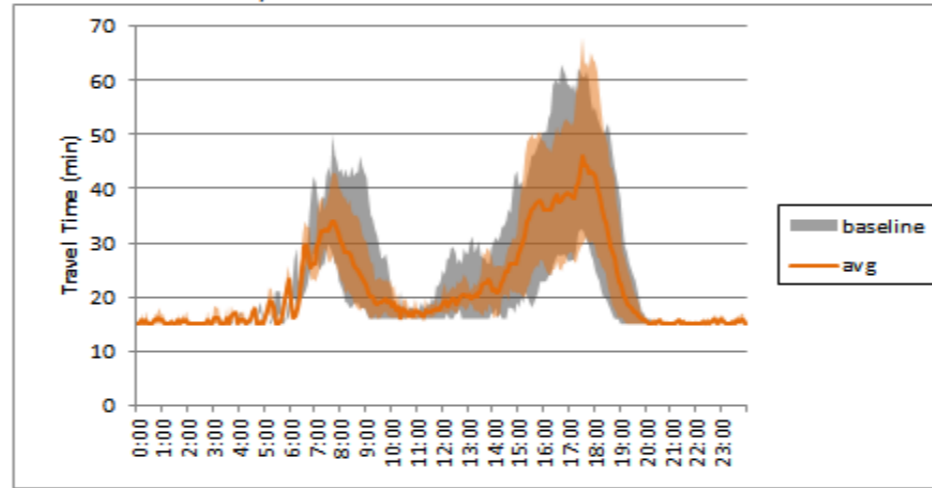
Travel Time Graphs

February 6-10, 2012

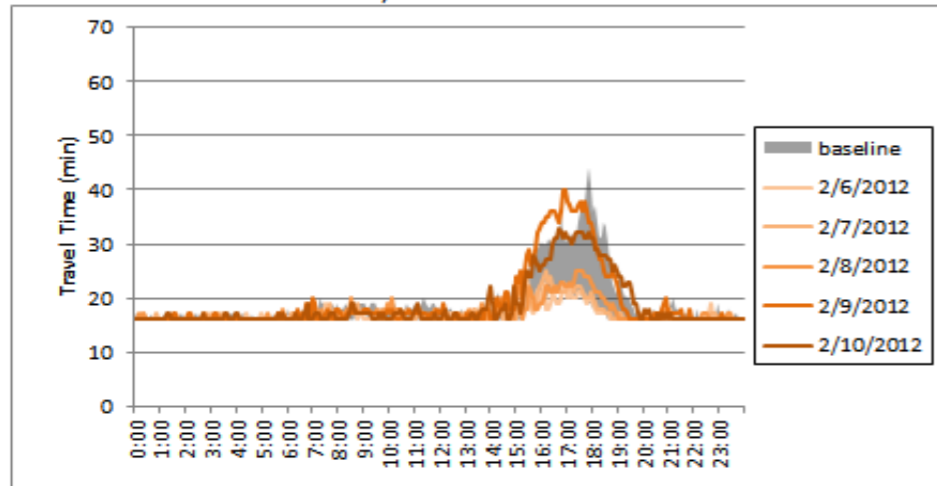
I-5 SB Travel Time - Lynnwood to Seattle - Week 6



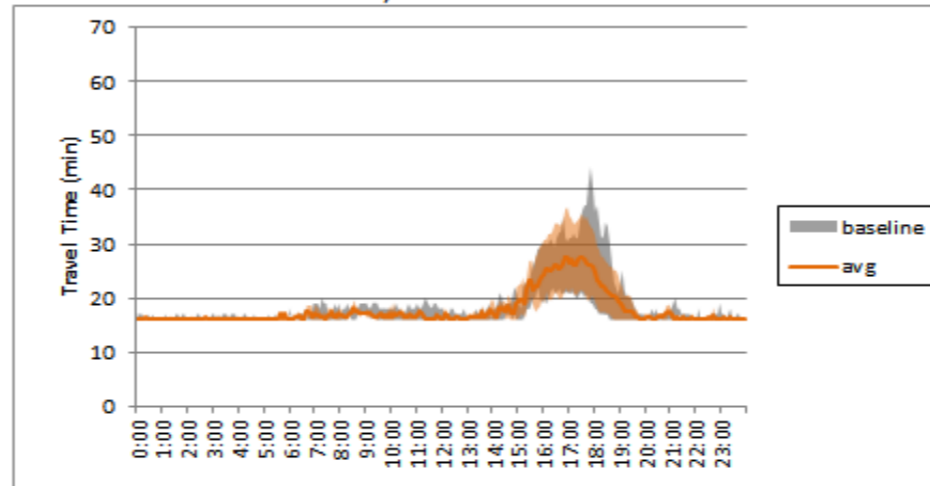
I-5 SB Travel Time - Lynnwood to Seattle - Week 6



I-5 NB Travel Time - Seattle to Lynnwood - Week 6



I-5 NB Travel Time - Seattle to Lynnwood - Week 6

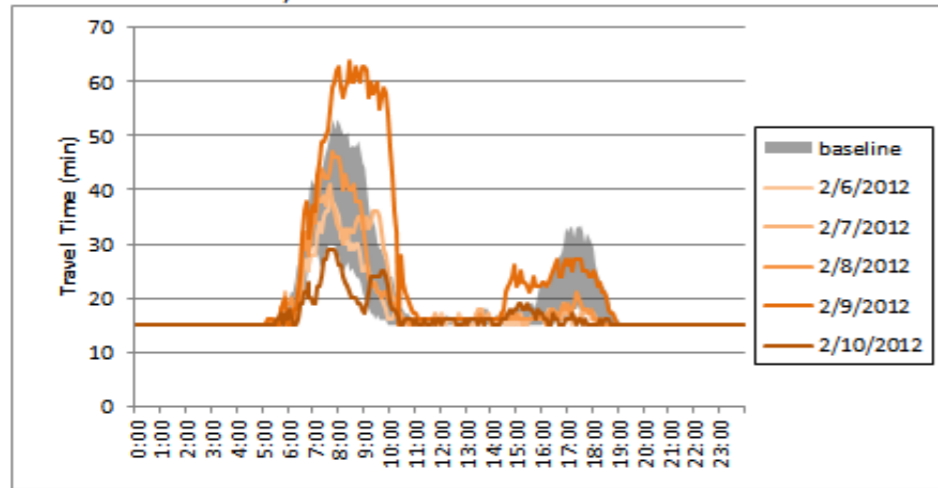


SR 520 Tolling: Traffic Monitoring

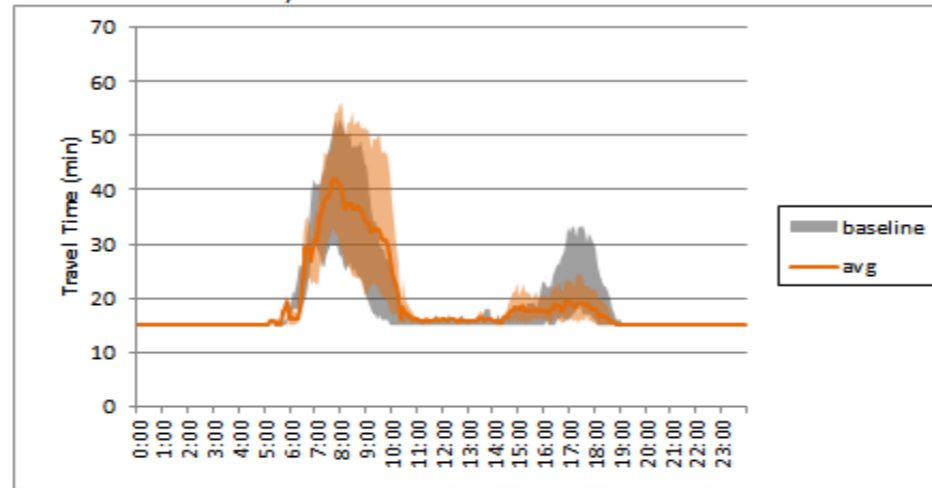
Travel Time Graphs

February 6-10, 2012

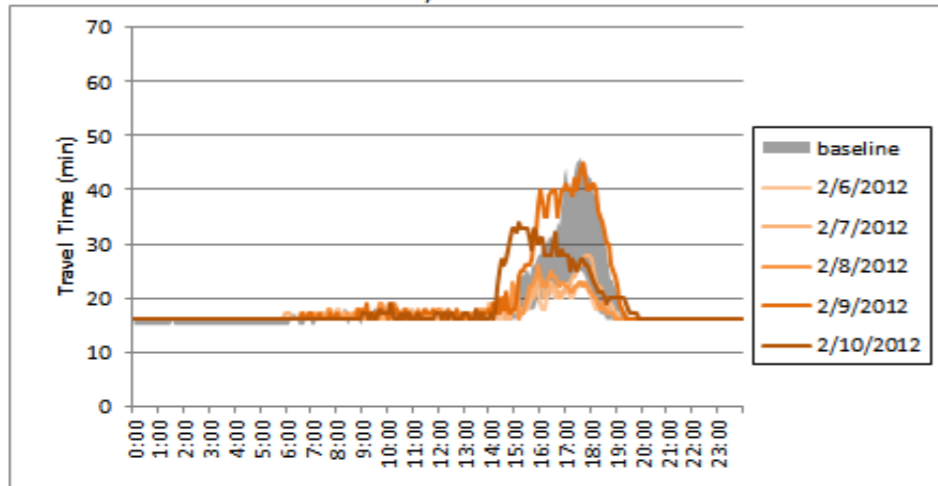
I-405 SB Travel Time - Lynnwood to Bellevue - Week 6



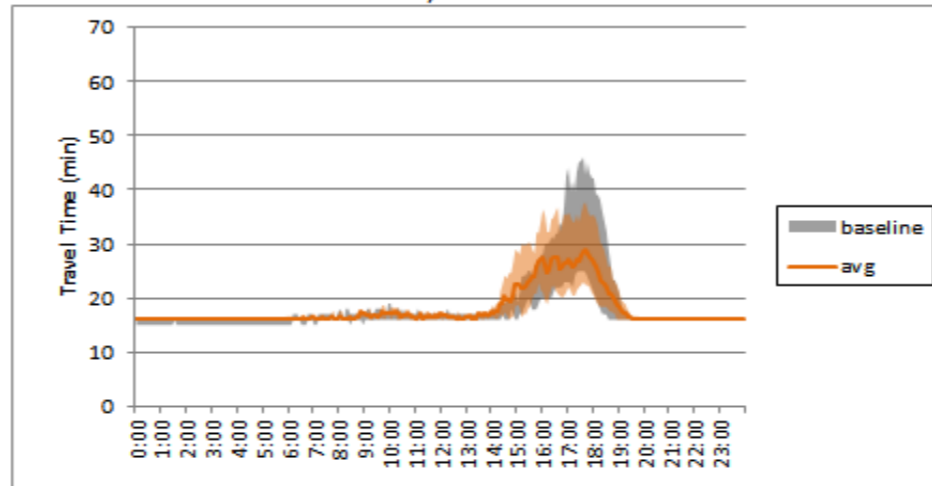
I-405 SB Travel Time - Lynnwood to Bellevue - Week 6



I-405 NB Travel Time - Bellevue to Lynnwood - Week 6



I-405 NB Travel Time - Bellevue to Lynnwood - Week 6

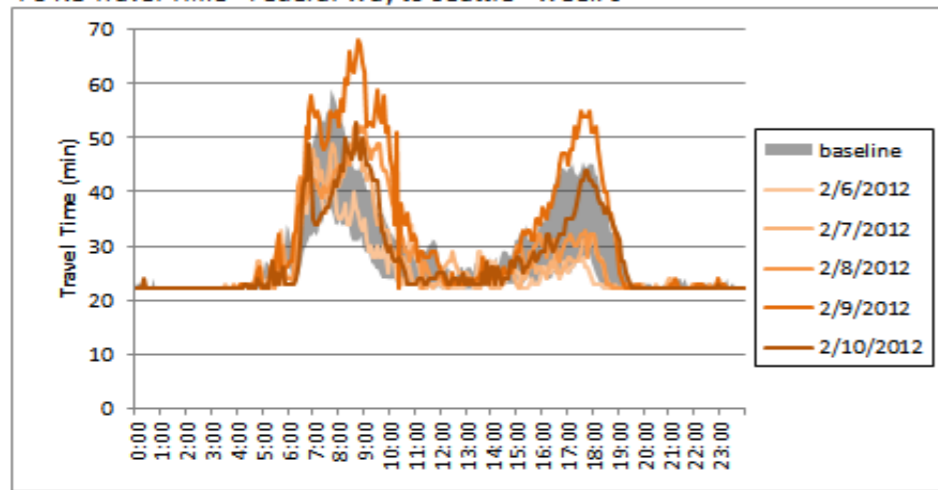


SR 520 Tolling: Traffic Monitoring

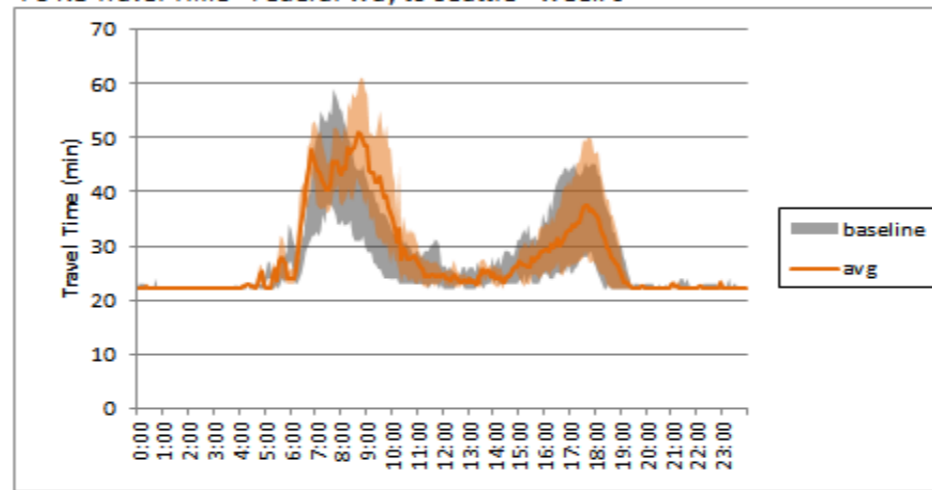
Travel Time Graphs

February 6-10, 2012

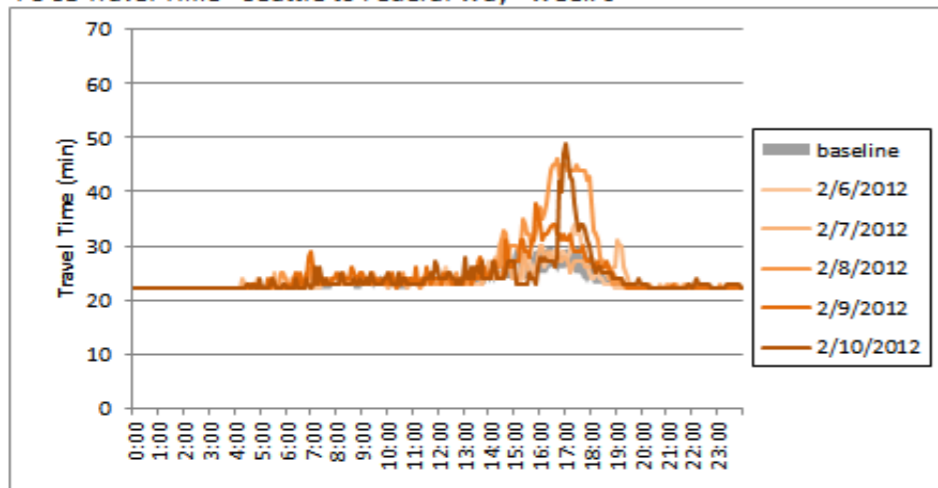
I-5 NB Travel Time - Federal Way to Seattle - Week 6



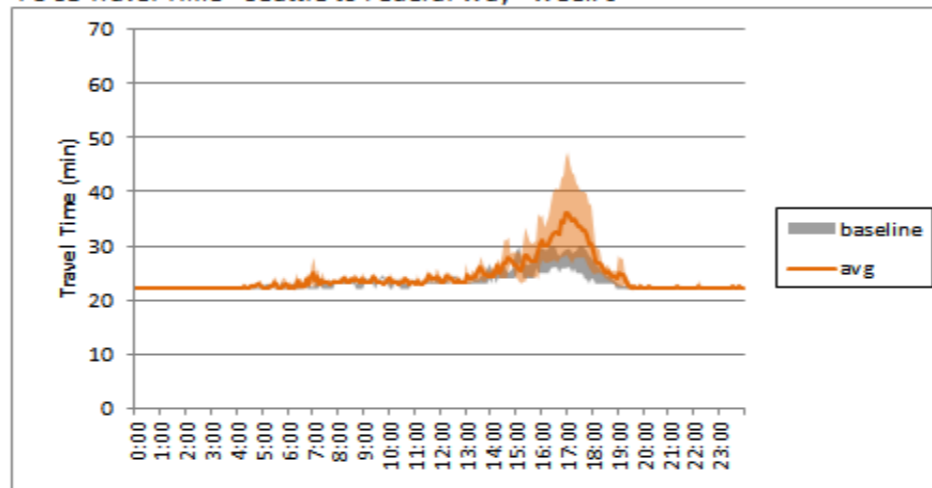
I-5 NB Travel Time - Federal Way to Seattle - Week 6



I-5 SB Travel Time - Seattle to Federal Way - Week 6



I-5 SB Travel Time - Seattle to Federal Way - Week 6

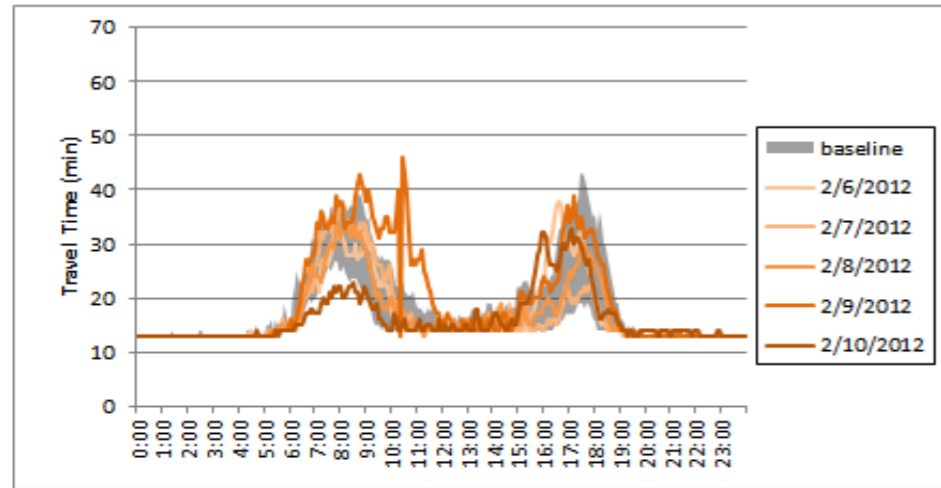


SR 520 Tolling: Traffic Monitoring

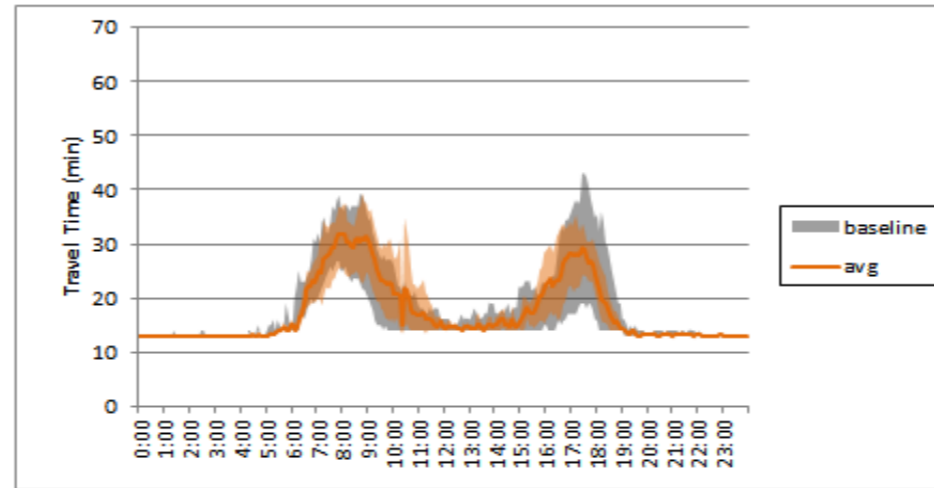
Travel Time Graphs

February 6-10, 2012

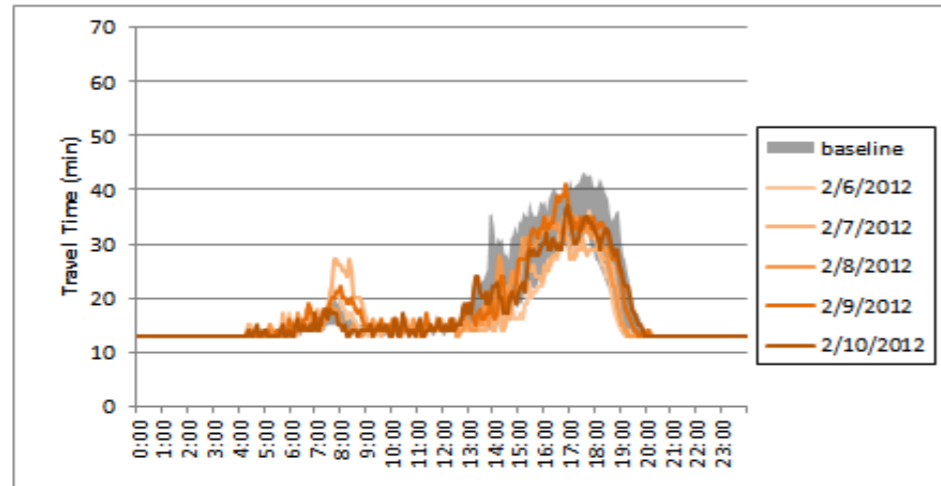
I-405 NB Travel Time - Tukwila to Bellevue - Week 6



I-405 NB Travel Time - Tukwila to Bellevue - Week 6



I-405 SB Travel Time - Bellevue to Tukwila - Week 6



I-405 SB Travel Time - Bellevue to Tukwila - Week 6

