



SR 520 Tolling: Traffic Monitoring

2/13/12 - 2/17/12 average

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

% change
2/13/12 -
2/17/12
average
baseline

Daily Volume:

SR 520 Bridge
-33%
67,700
101,100

I-90 Bridge
11%
152,700
137,900

SR 522 at 68th Ave NE
7%
43,600
40,700

Cross-lake Total I-90, SR 520, SR 522
-6%
264,000
279,700

7-9 am Volume:

SR 520 Bridge
-19%
11,130
13,800

I-90 Bridge
3%
22,880
22,230

SR 522 at 68th Ave NE
0%
5,690
5,710

Cross-lake Total I-90, SR 520, SR 522
-5%
39,700
41,740

3-6 pm Volume:

SR 520 Bridge
-23%
15,410
19,900

I-90 Bridge
4%
32,700
31,590

SR 522 at 68th Ave NE
6%
10,380
9,830

Cross-lake Total I-90, SR 520, SR 522
-5%
58,490
61,320

Traffic Summary:

- SR 520 daily volume was similar to last week
- SR 520 travel times continue to be faster than normal except for Tuesday afternoon due to major incident on I-5 SB
- I-90 travel times continue to be slower than normal
- SR 522 EB travel times are unavailable before noon on Monday - Wednesday due to a data outage
- SR 522 WB travel times continue to vary from day to day
- 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 02/13/12

- SB I-405 just north of SR 520 – collision blocking 1-2 right lanes from 8:30 to 9:50 am
- SB I-5 just north of S Albro PI – collision blocking 1-2 right lanes from 11:17 pm to 14:42 am
- EB SR 520 at 124th Ave NE – collision blocking 1 lane from 6:35 to 7:53 am

Tuesday 02/14/12

- SB I-5 just north of Ravenna Blvd – collision blocking the right and left lane for almost 7 hours from 11:13 to 6:10 pm
- SB I-5 at SR 516 – collision blocking the 3 left lanes from 11:35 to 12:46 pm
- NB I-405 at SR 169 – collision blocking 1 lane from 1:17 to 1:53 pm
- SB I-405 at NE 44th St – collision blocking 1 lane from 2:50 to 3:18 pm
- WB SR 520 at 148th Ave NE – collision blocking 1-2 lanes from 6:19 to 7:20 pm

Wednesday 02/15/12

- NB I-5 at MLK Jr Way – collision blocking 2-3 lanes from 8:57 to 9:31 am
- SB I-405 just north of 195th St – collision blocking HOV and partially the center lane from 1:46 to 2:58 pm
- NB I-405 at SR 527 – collision blocking HOV and 2 left lanes from 11:26 to 12:38 am

Thursday 02/16/12

- NB I-5 just north of SR 526 – collision blocking 2 lanes from 3:14 to 4:08 pm
- NB I-5 just north of SR 526 – collision blocking 2-3 lanes from 4:58 to 5:19 pm
- WB SR 520 at W Lk Samm – collision blocking 1 lane from 4:13 to 4:36 pm

Friday 02/17/12

- NB SR 167 at I-405 - collision blocking 1-3 lanes from 5:57 to 6:52 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 and remains closed.

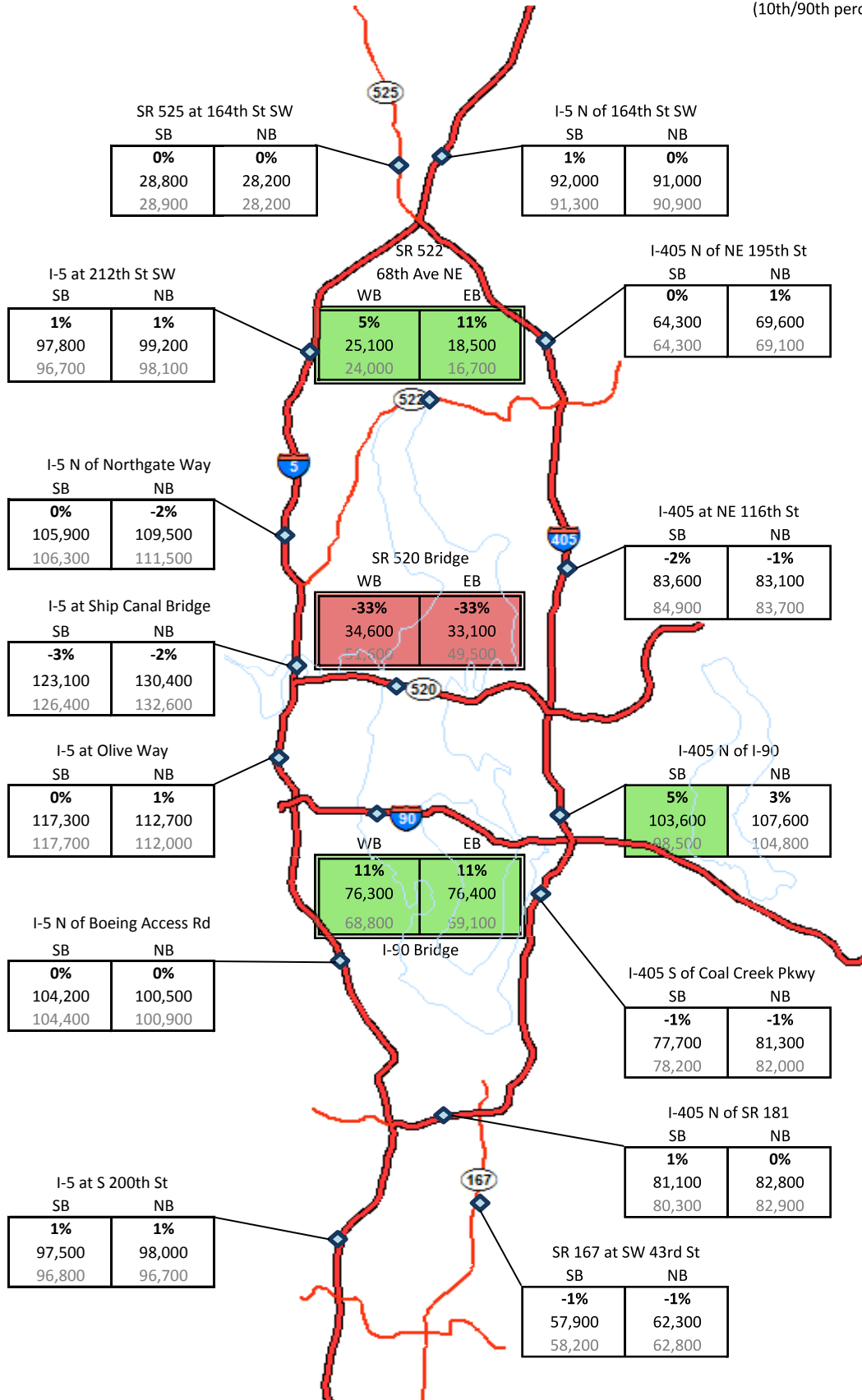
Special Events:

2/16/12 - UW Basketball at 8:00 pm

SR 520 Tolling: Traffic Monitoring
Daily Mainline Volumes
2/13/12 - 2/17/12 average

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

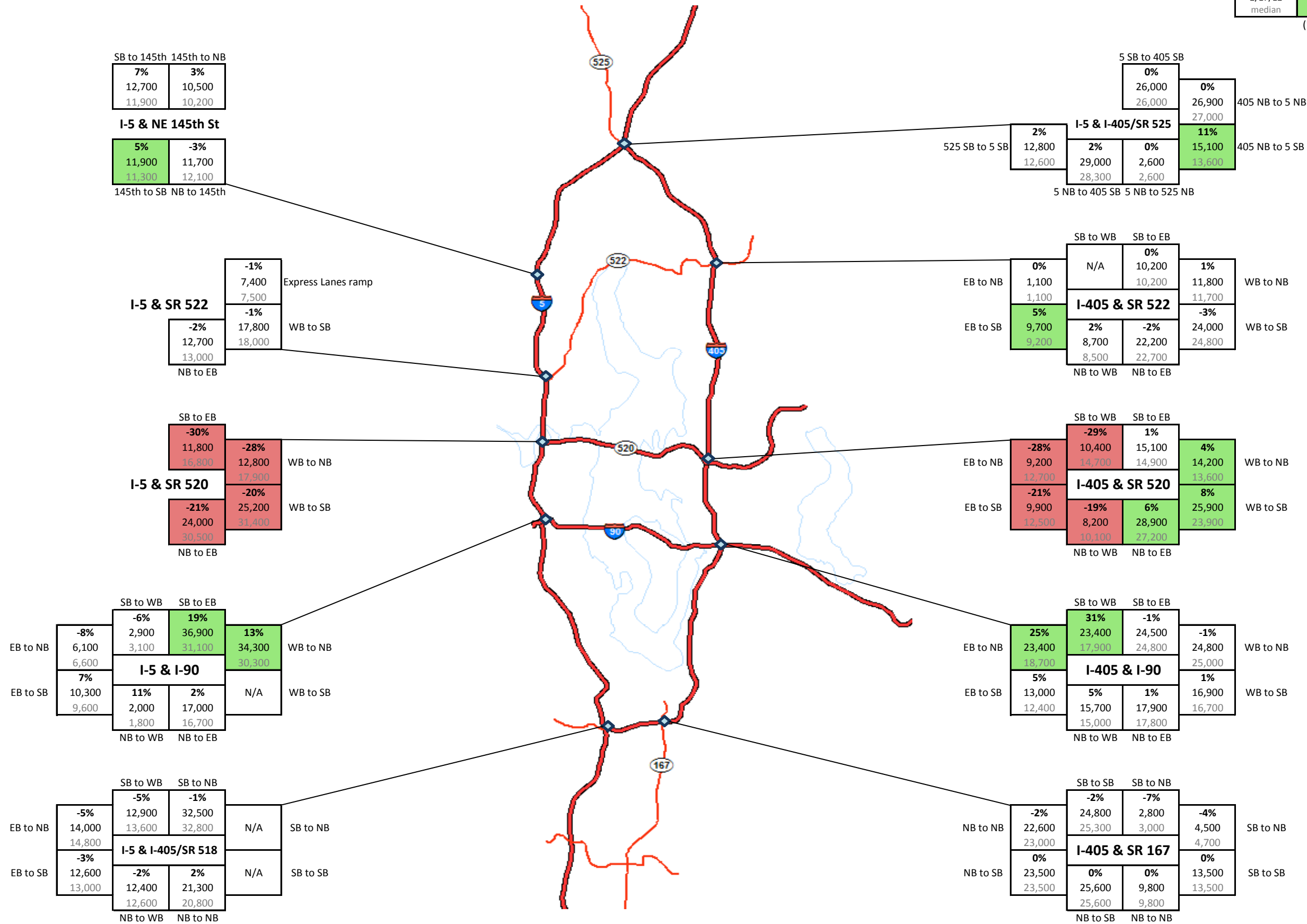
% change 2/13/12 - 2/17/12 median	above range of typical variation	below range of typical variation
	(10th/90th percentile)	



SR 520 Tolling: Traffic Monitoring
Daily Interchange Volumes
2/13/12 - 2/17/12 average

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

% change 2/13/12 - 2/17/12 median	above range of typical variation	below range of typical variation
	(10th/90th percentile)	



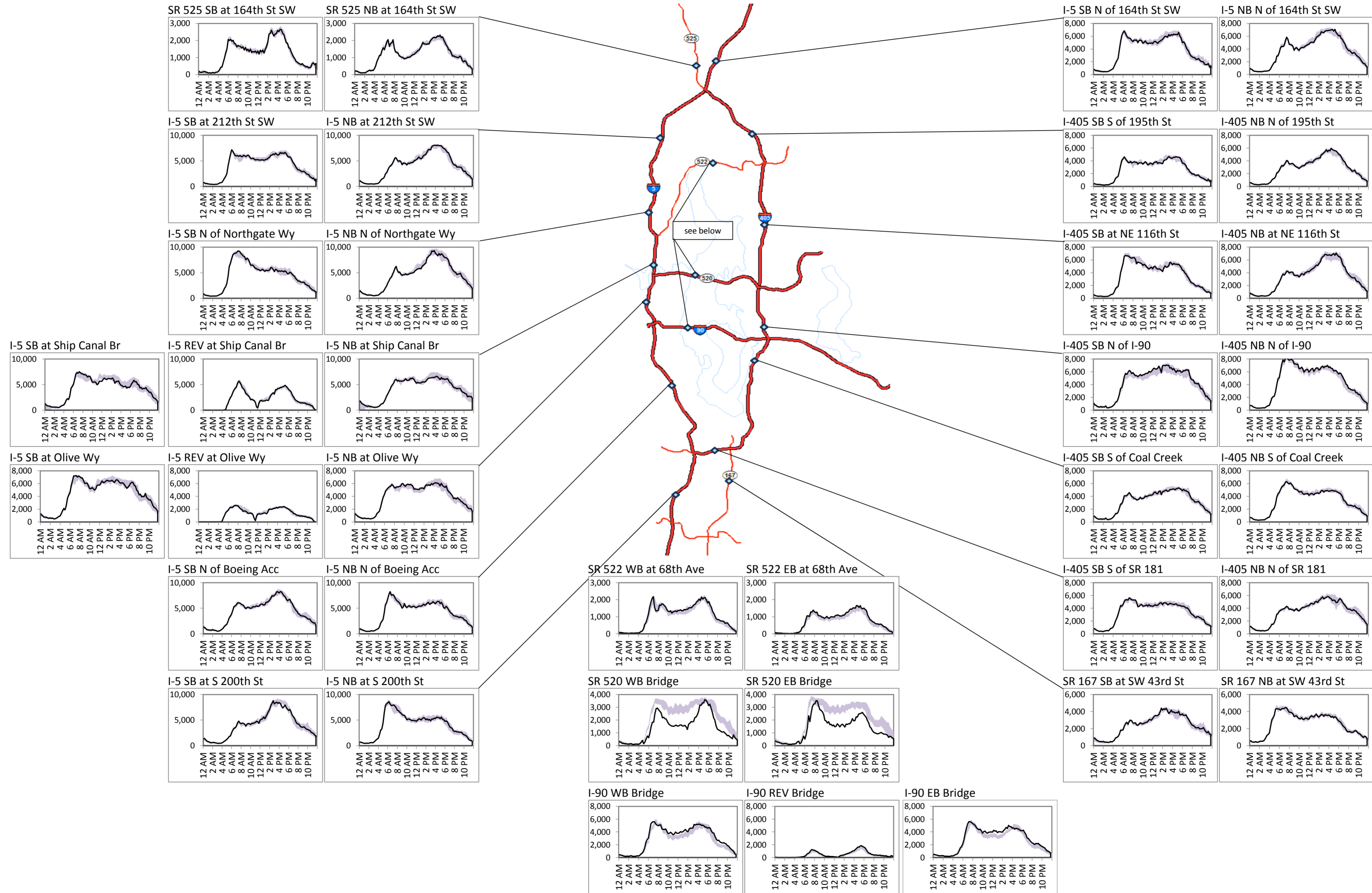
SR 520 Tolling: Traffic Monitoring

Hourly Mainline Volumes

2/13/12 - 2/17/12 average

— 2/13/12 - 2/17/12 average

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



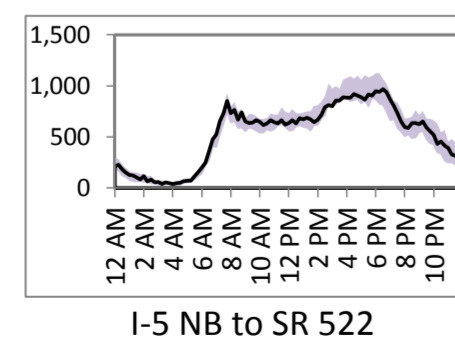
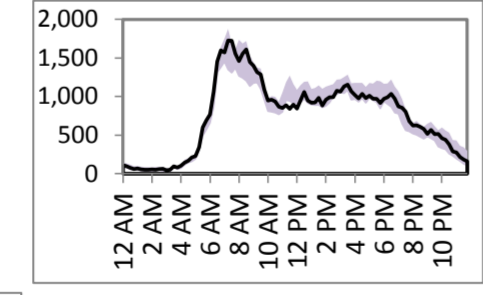
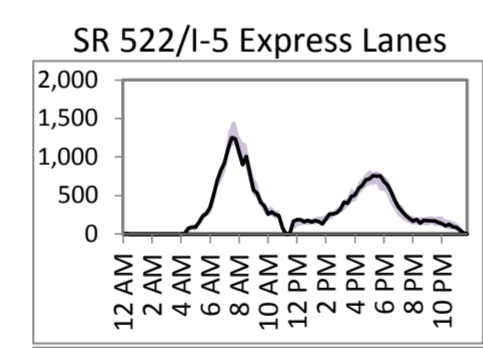
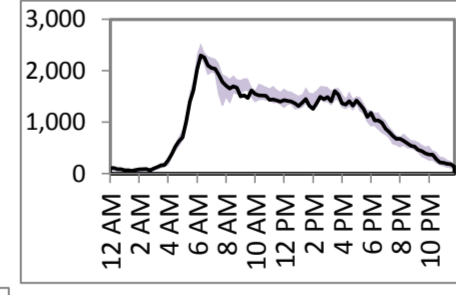
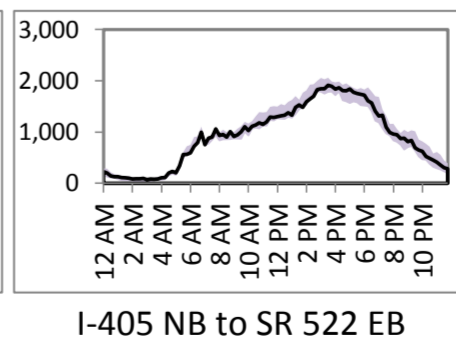
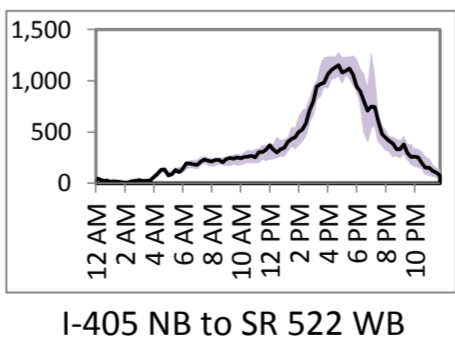
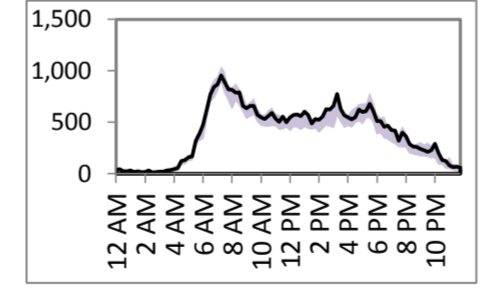
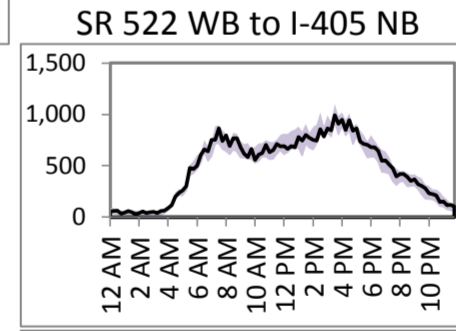
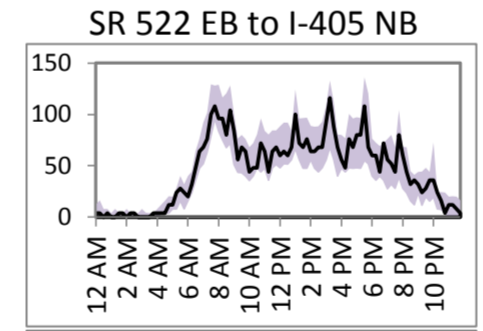
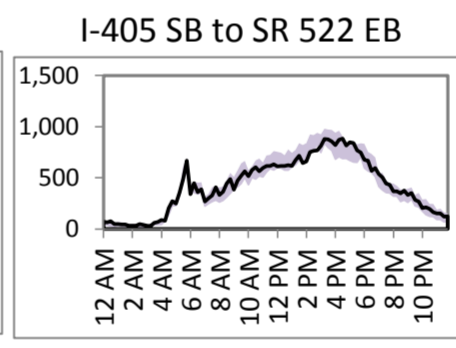
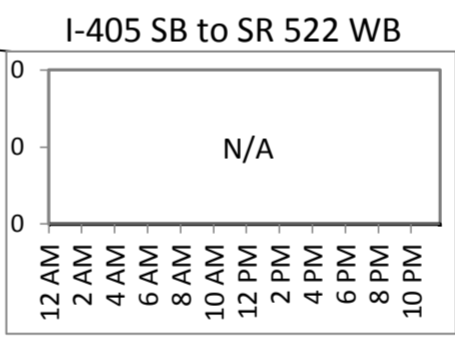
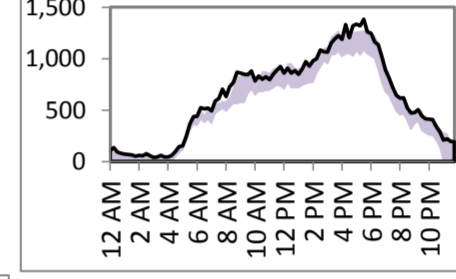
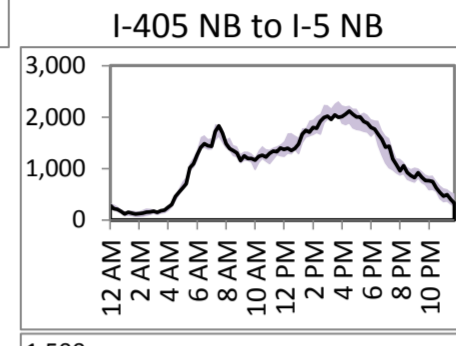
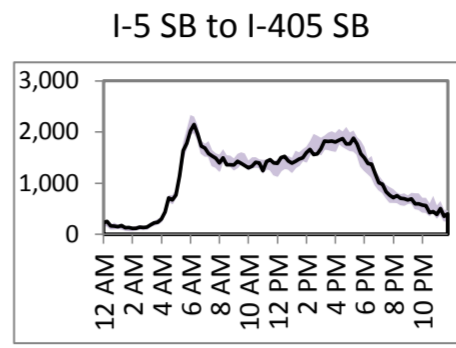
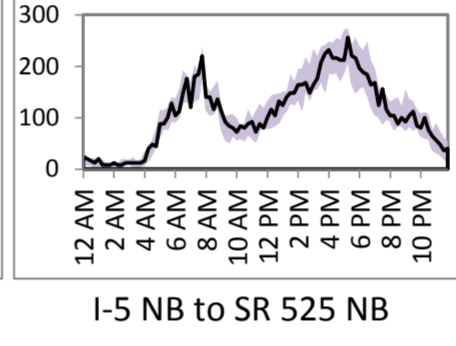
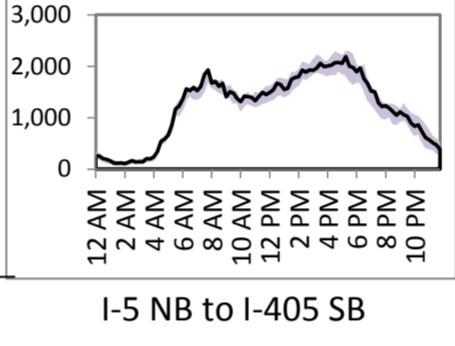
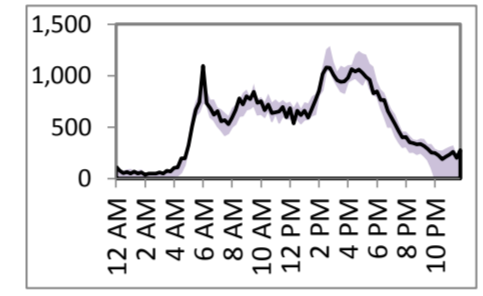
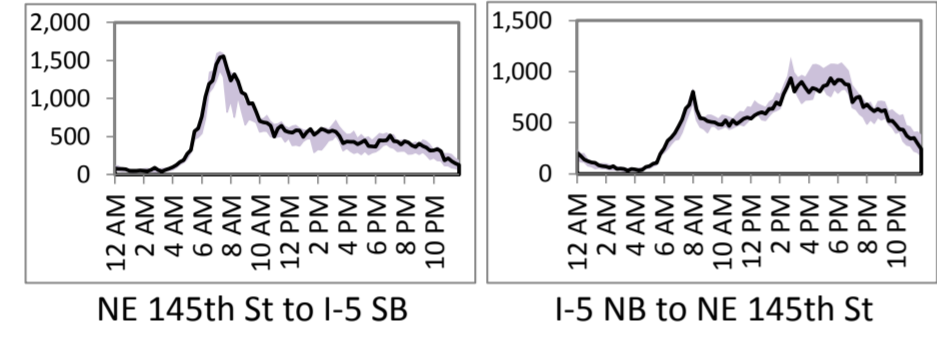
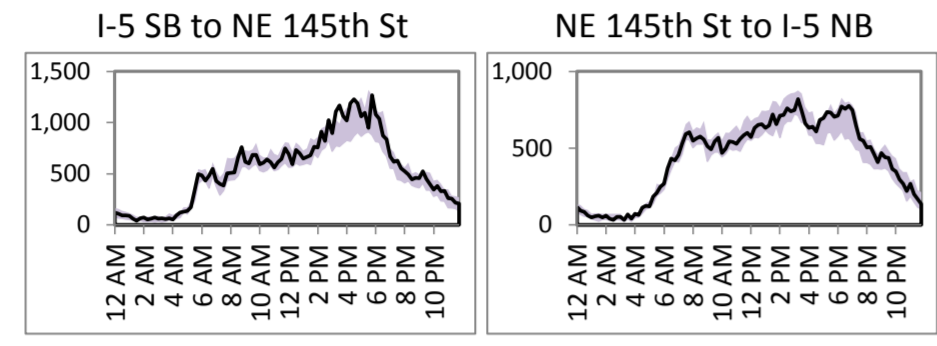
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

2/13/12 - 2/17/12 average

— 2/13/12 - 2/17/12 average

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



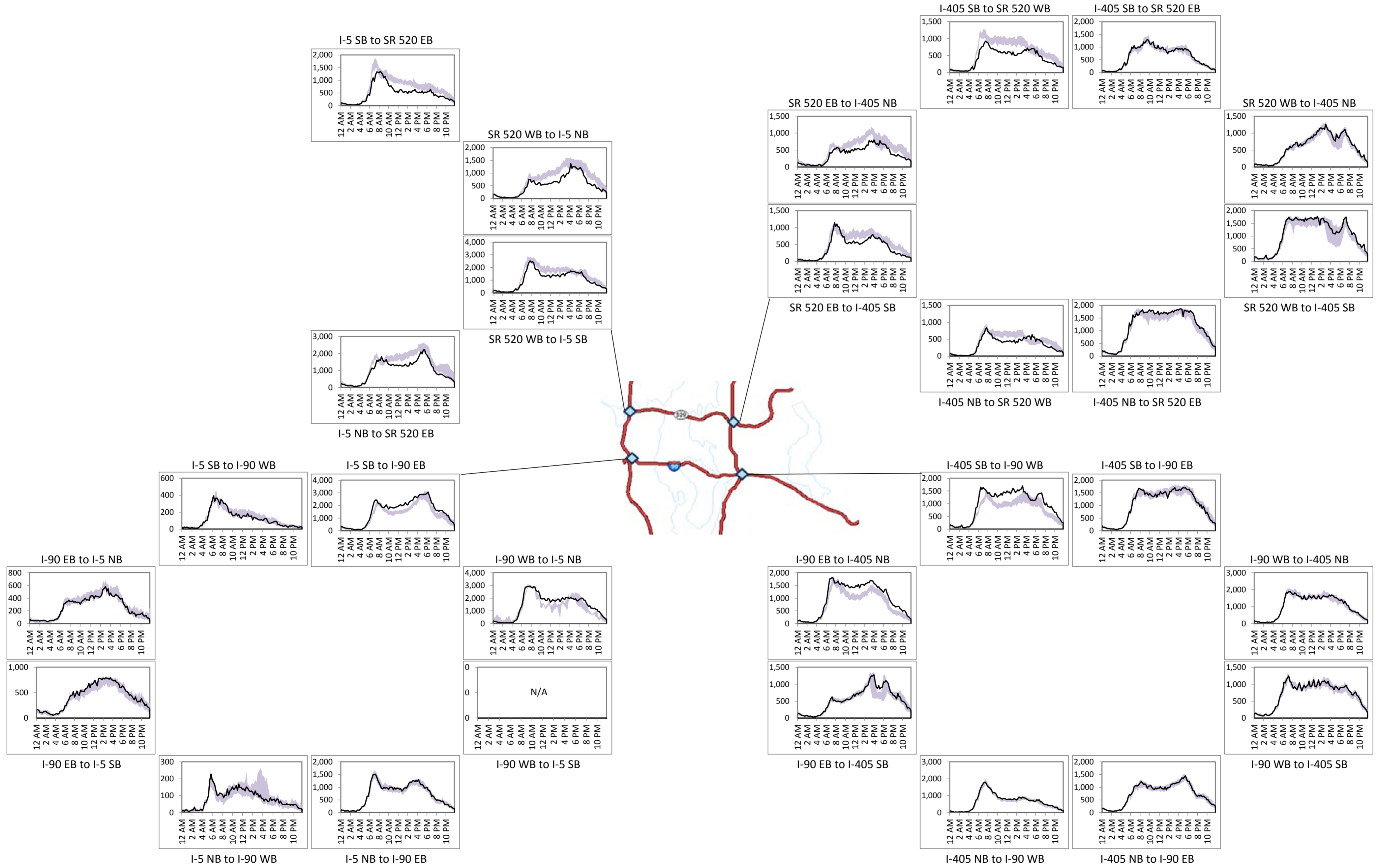
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

2/13/12 - 2/17/12 average

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



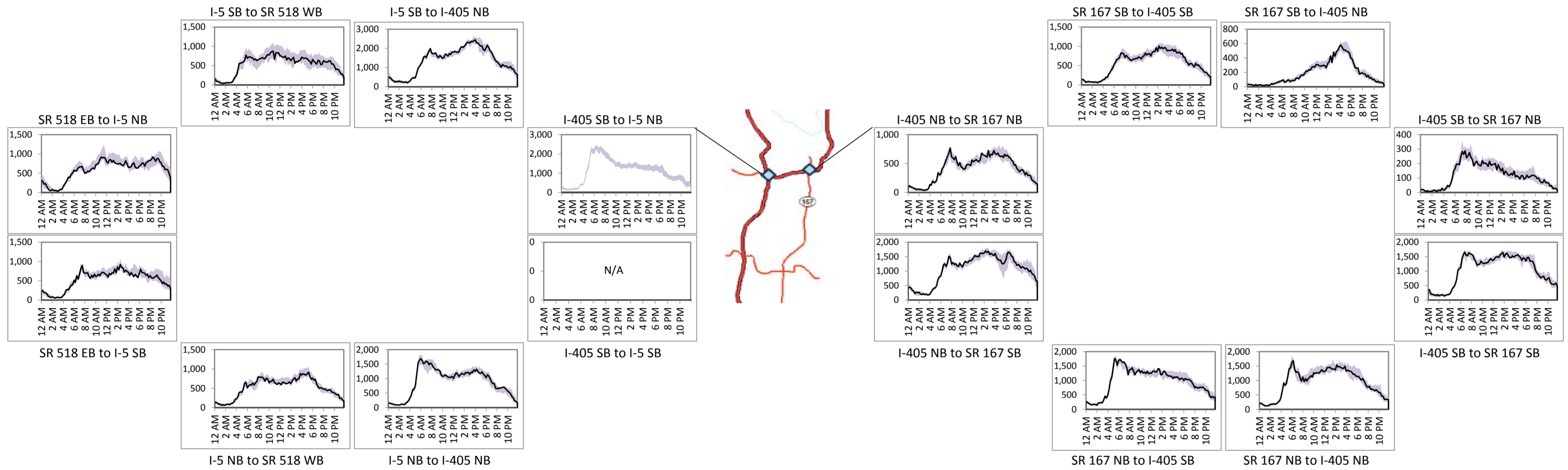
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

2/13/12 - 2/17/12 average

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

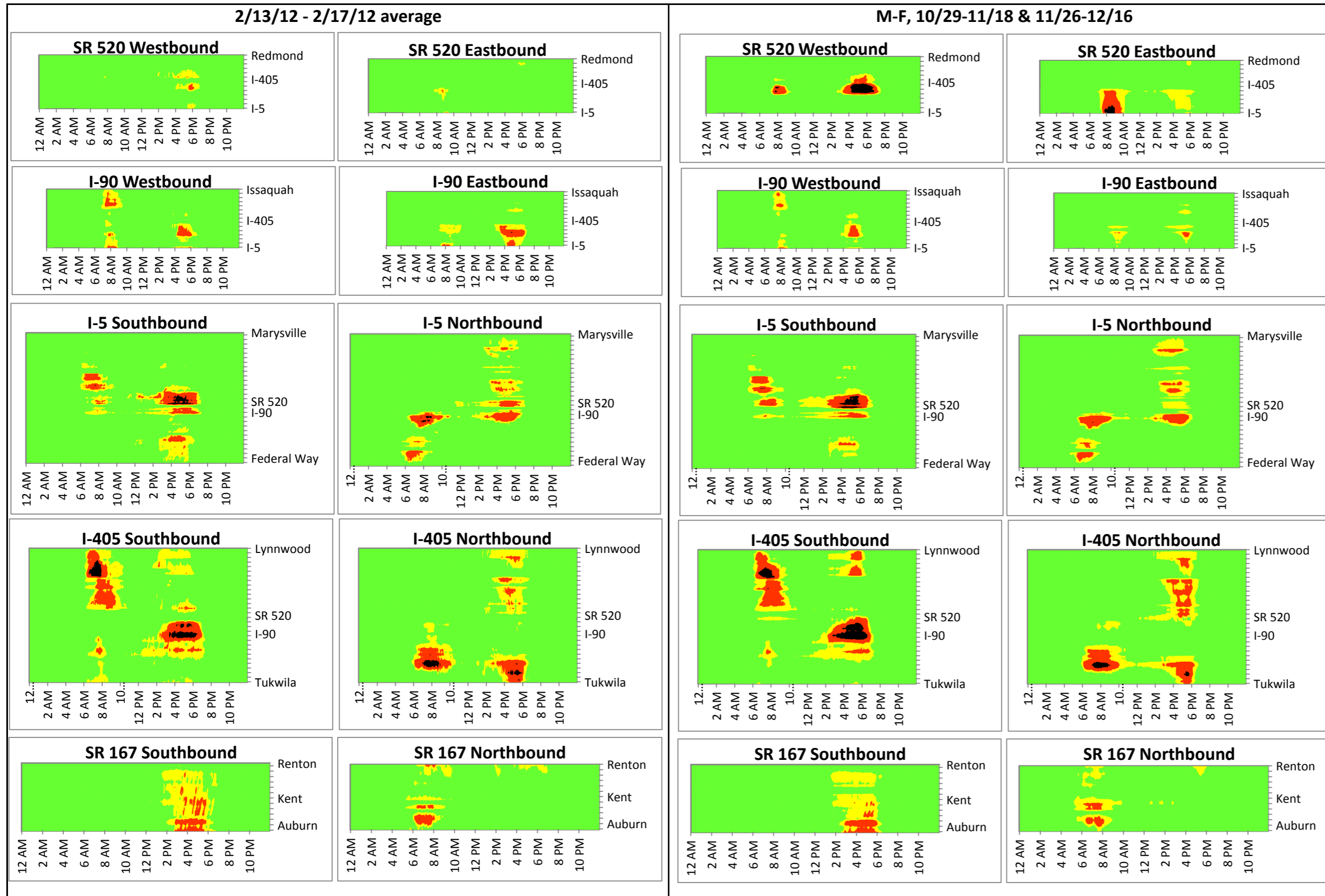


SR 520 Tolling: Traffic Monitoring

Congestion Contours

2/13/12 - 2/17/12 average

- free flow
- moderate
- heavy
- stop and go



SR 520 Tolling: Traffic Monitoring

SR 520 Detail

2/13/12 - 2/17/12 average

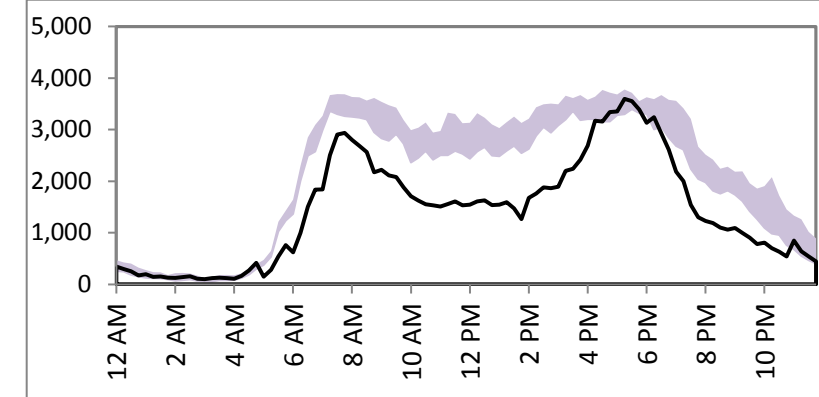
Mainline Volume



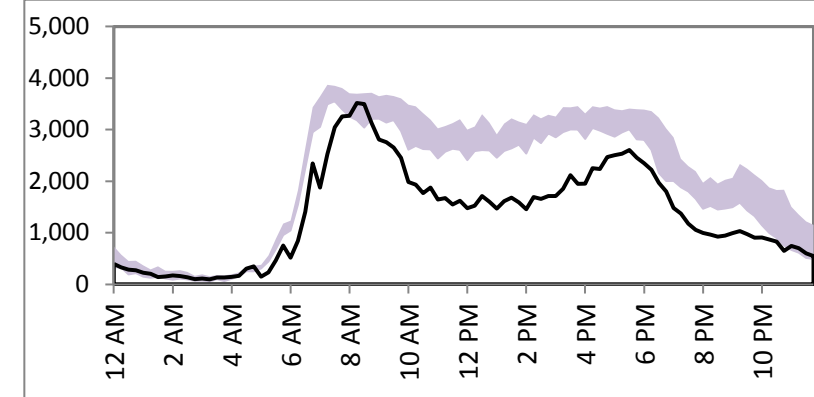
SR 520 Bridge

WB	EB
-33%	-33%
34,600	33,100
51,600	49,500

SR 520 WB Bridge



SR 520 EB Bridge



Ramp Volume

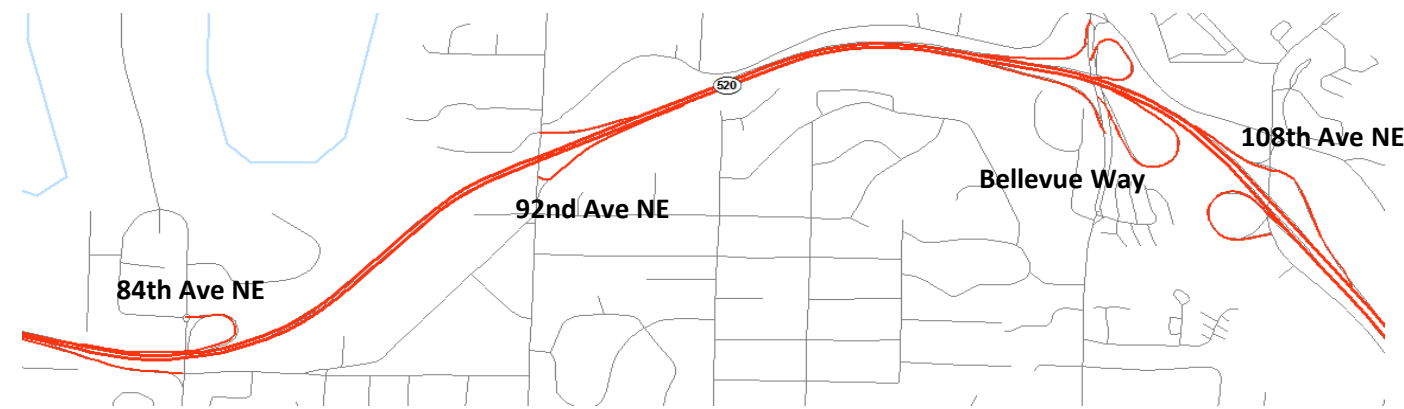
Montlake Blvd		Lk Wa Blvd
WB on ramp	WB exit	WB exit
10%	-28%	-28%
15,000	7,000	3,600
13,600	9,700	5,000



11%	-23%	-37%
13,600	9,300	3,100
12,300	12,100	4,900

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

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%	16%	-29%	-25%	-23%	0%	
2,600	4,400	2,500	3,800	2,400	12,300	
5,700	3,800	3,500	5,100	3,100	12,300	



-46%	2%	-27%	6%
3,100	5,000	6,600	11,100
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

2/13/12 - 2/17/12 average

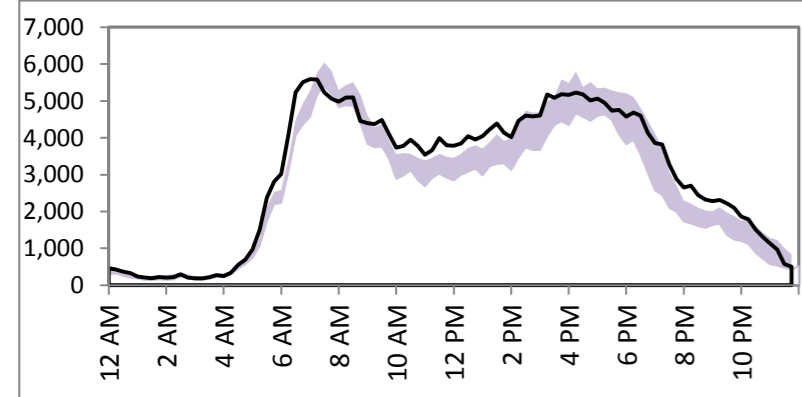
Mainline Volume



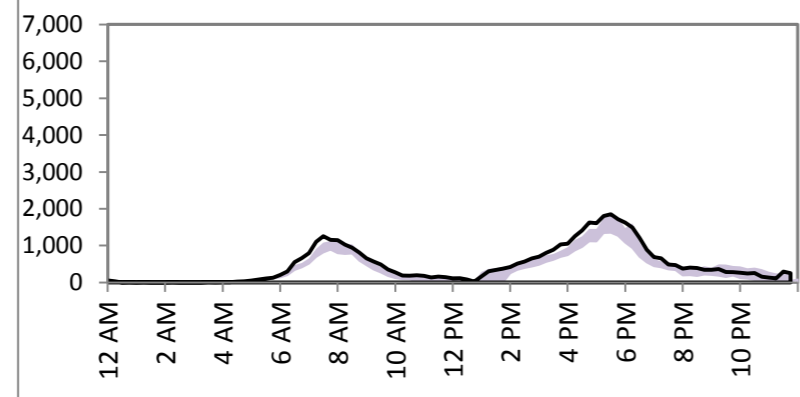
I-90 Bridge

WB	EB
11%	11%
76,300	76,400
68,800	69,100

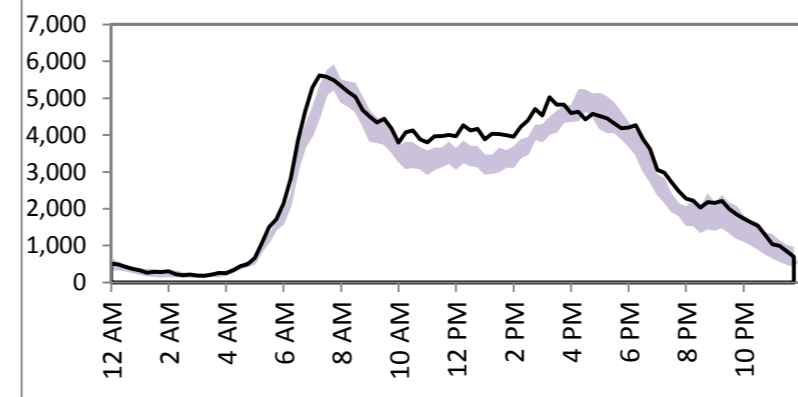
I-90 WB Bridge



I-90 REV Bridge



I-90 EB Bridge



Bellevue Way Ramp Volume

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

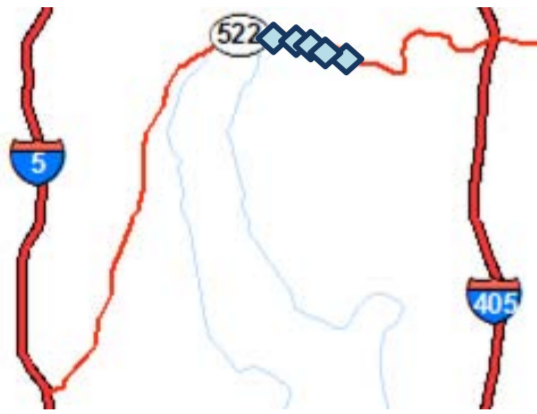
19%	6%
9,600	9,900
8,100	9,300

SR 520 Tolling: Traffic Monitoring

SR 522 Detail

2/13/12 - 2/17/12 average

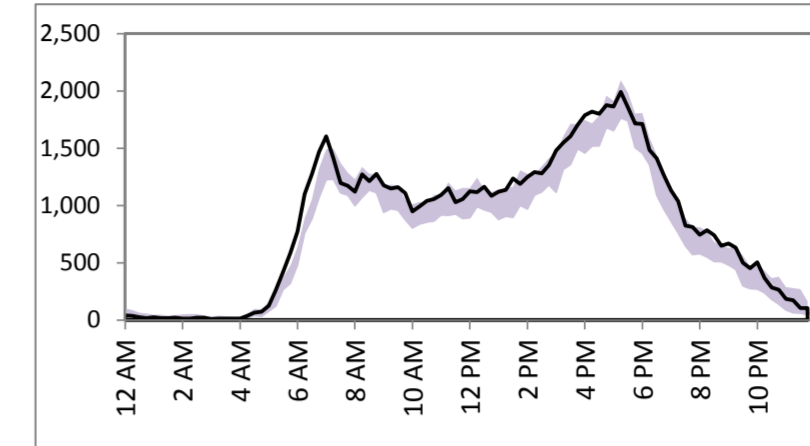
Mainline Volume



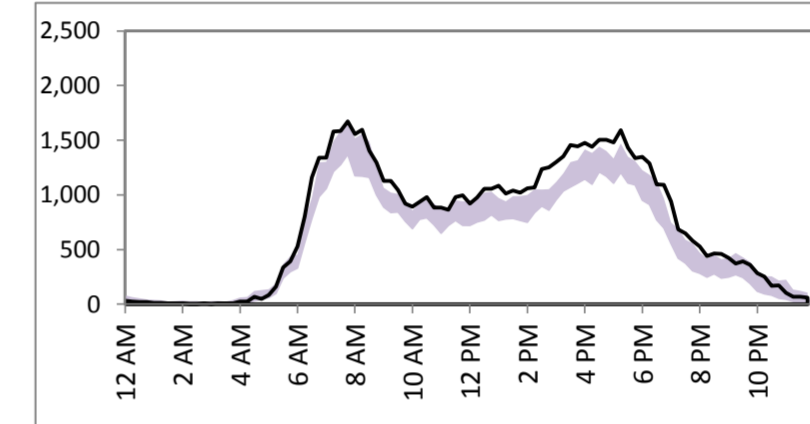
— 2/13/12 - 2/17/12 average
 ■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)

83rd Pl NE	
WB	EB
8%	17%
20,500	17,800
18,900	15,200

SR 522 WB at 83rd Ave NE



SR 522 EB at 83rd Ave NE



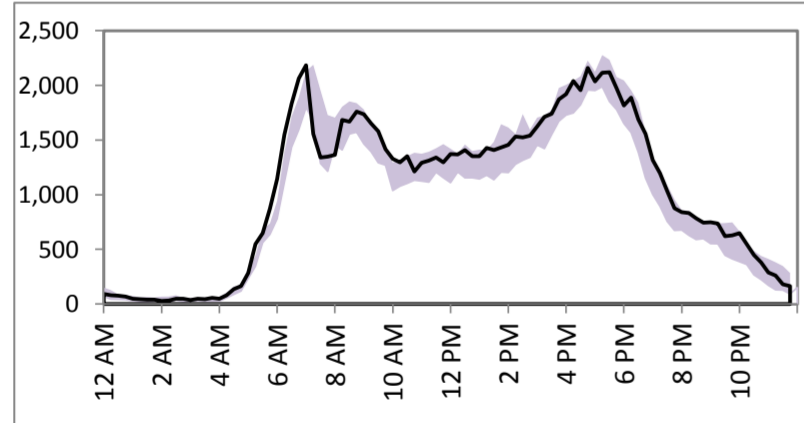
68th Ave NE	
WB	EB
5%	11%
25,100	18,500
24,000	16,700

73rd Ave NE	
WB	EB
5%	11%
20,700	20,400
19,700	18,400

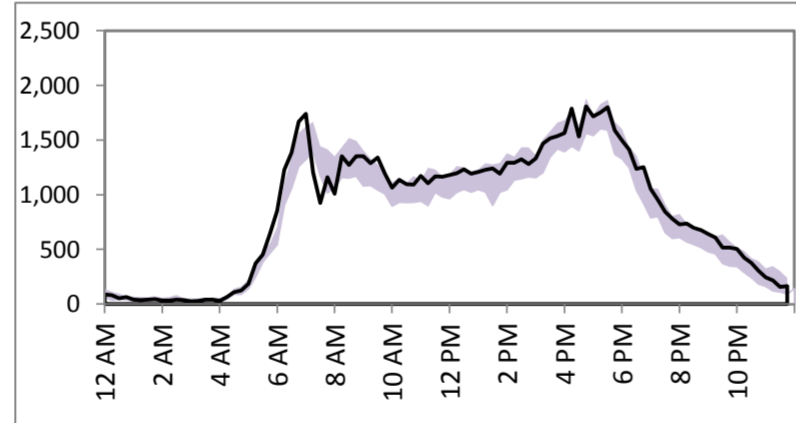
77th Ct NE	
WB	EB
5%	11%
21,100	20,600
20,100	18,600

80th Ave NE	
WB	EB
5%	15%
21,100	20,400
20,000	17,800

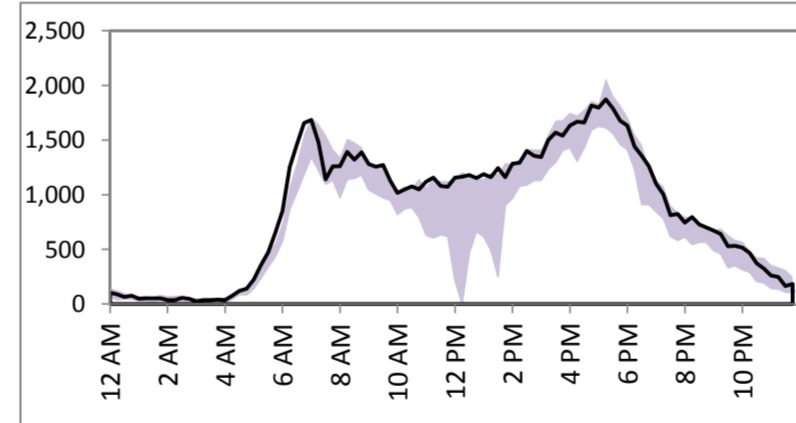
SR 522 WB at 68th Ave NE



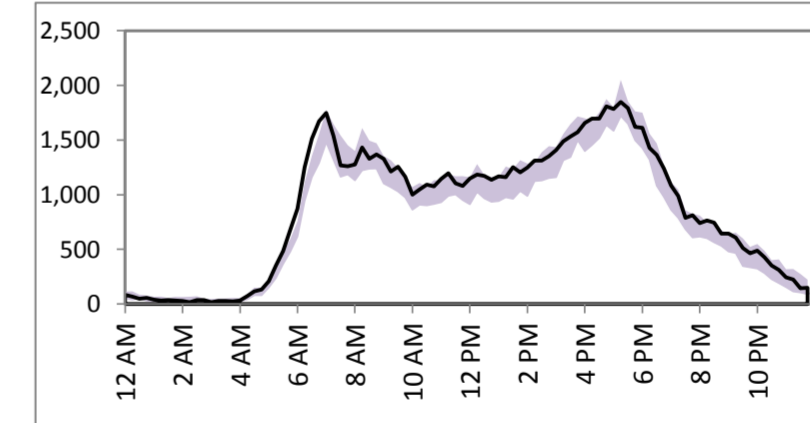
SR 522 WB at 73rd Ave NE



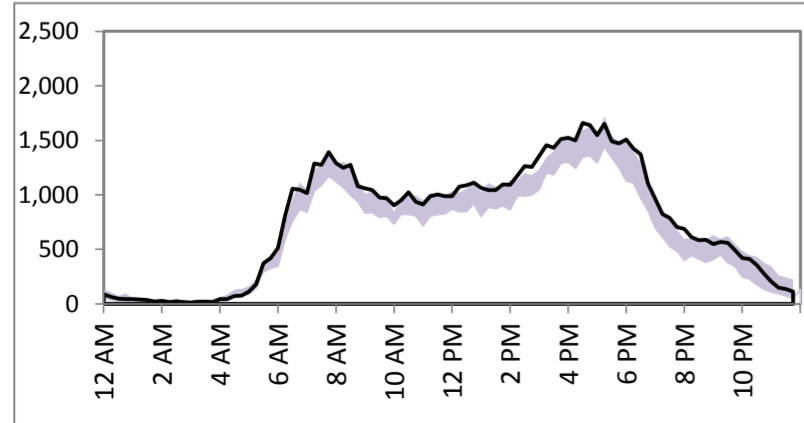
SR 522 WB at 77th Ct NE



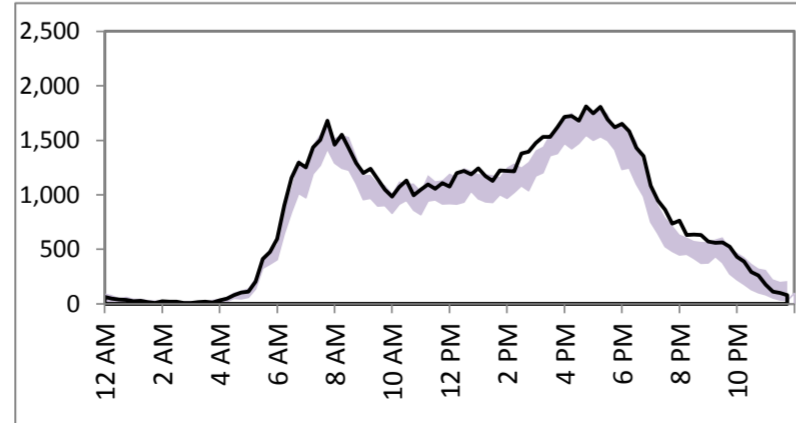
SR 522 WB at 80th Ave NE



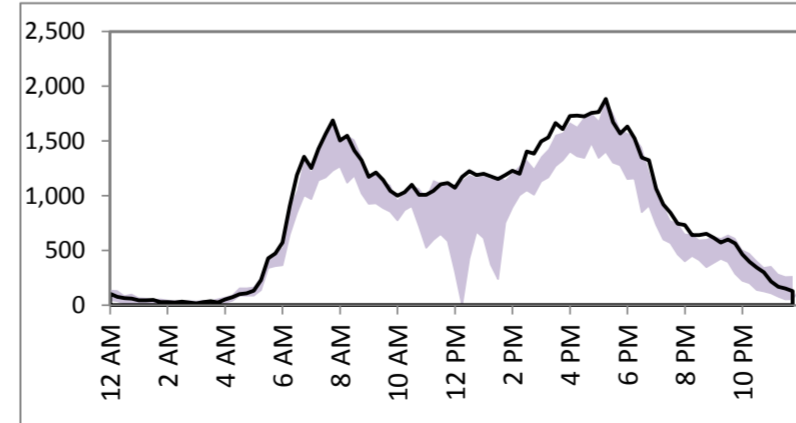
SR 522 EB at 68th Ave NE



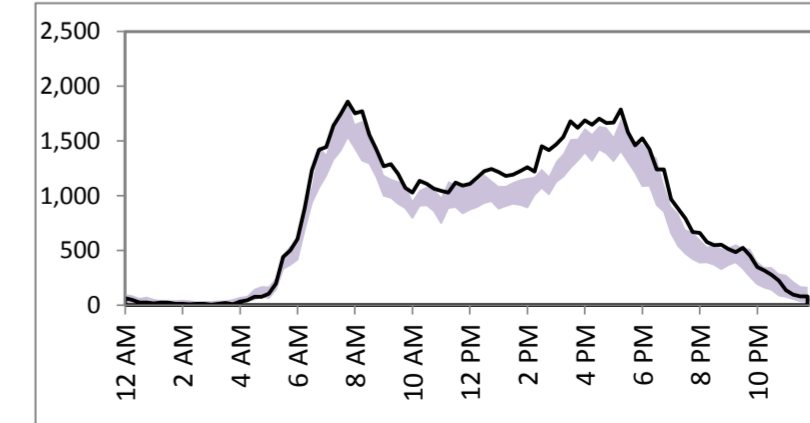
SR 522 EB at 73rd Ave NE



SR 522 EB at 77th Ct NE



SR 522 EB at 80th Ave NE

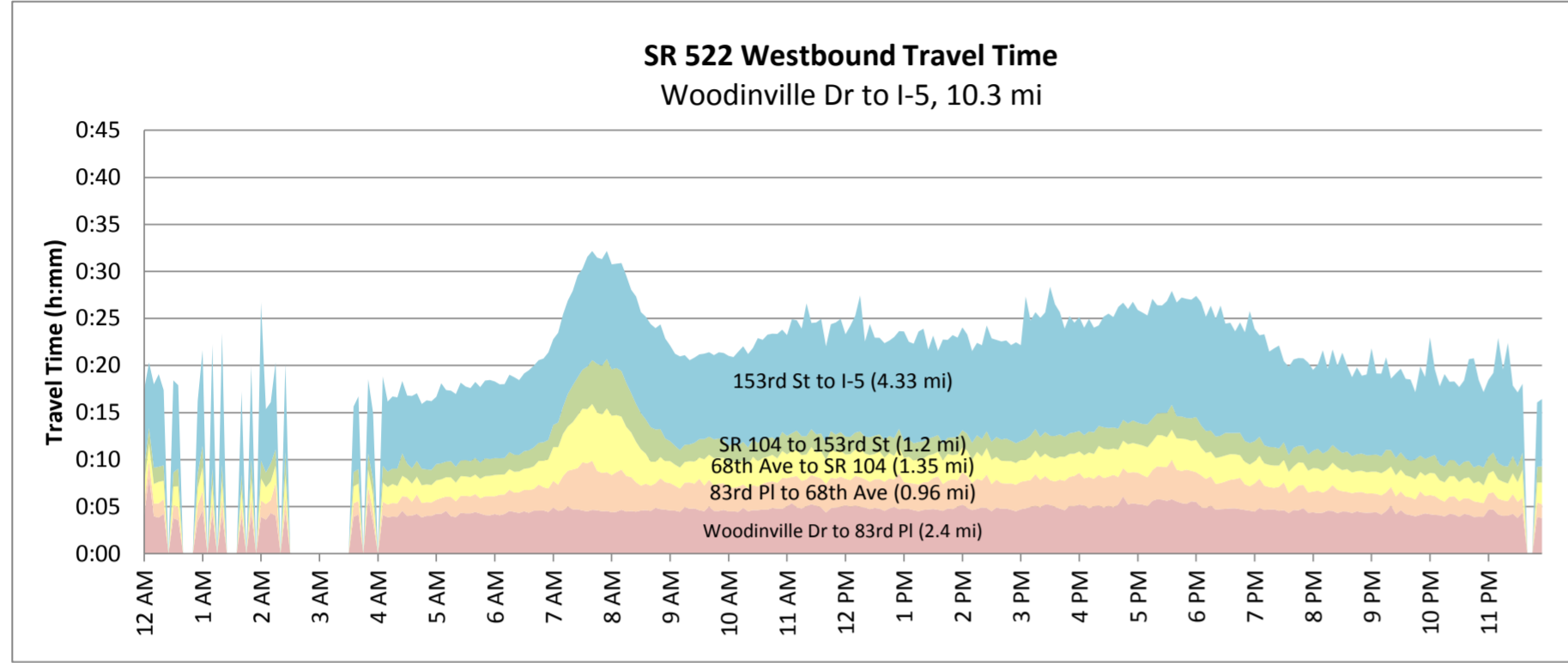


SR 520 Tolling: Traffic Monitoring

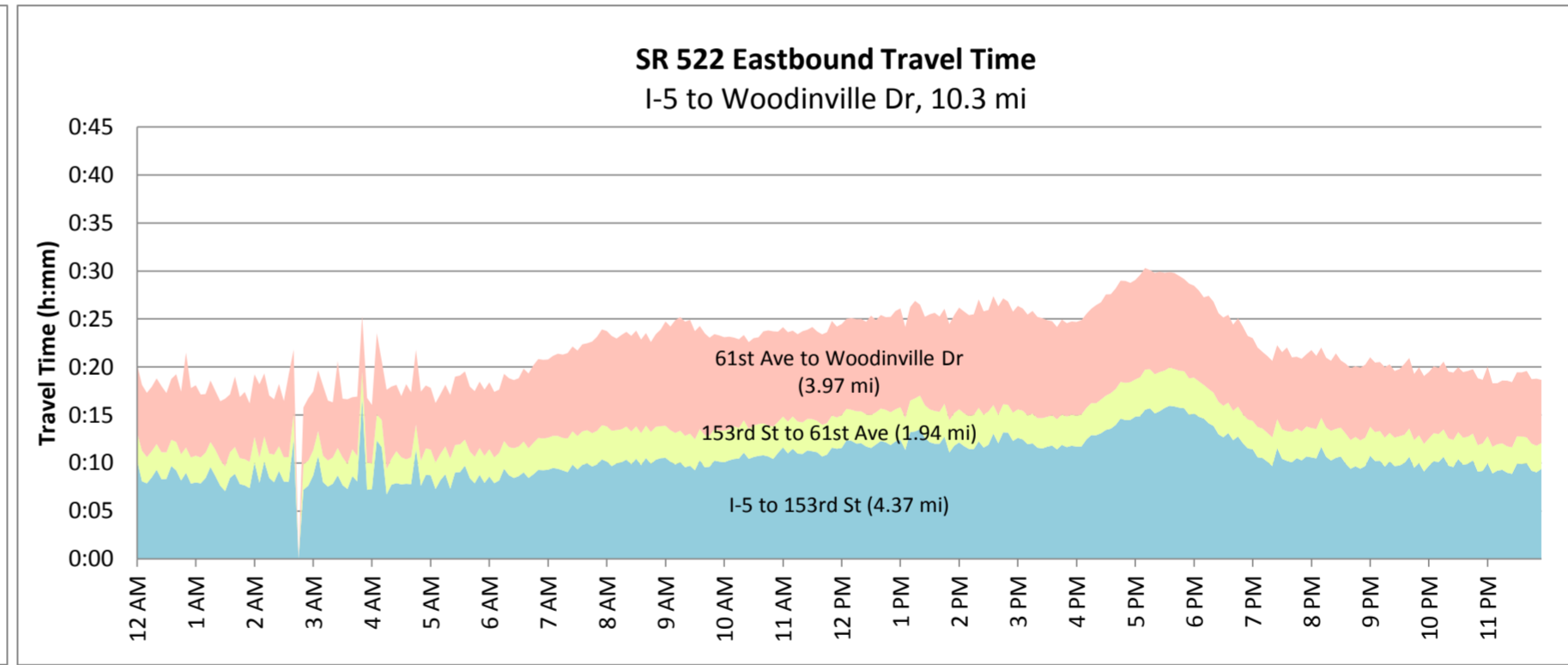
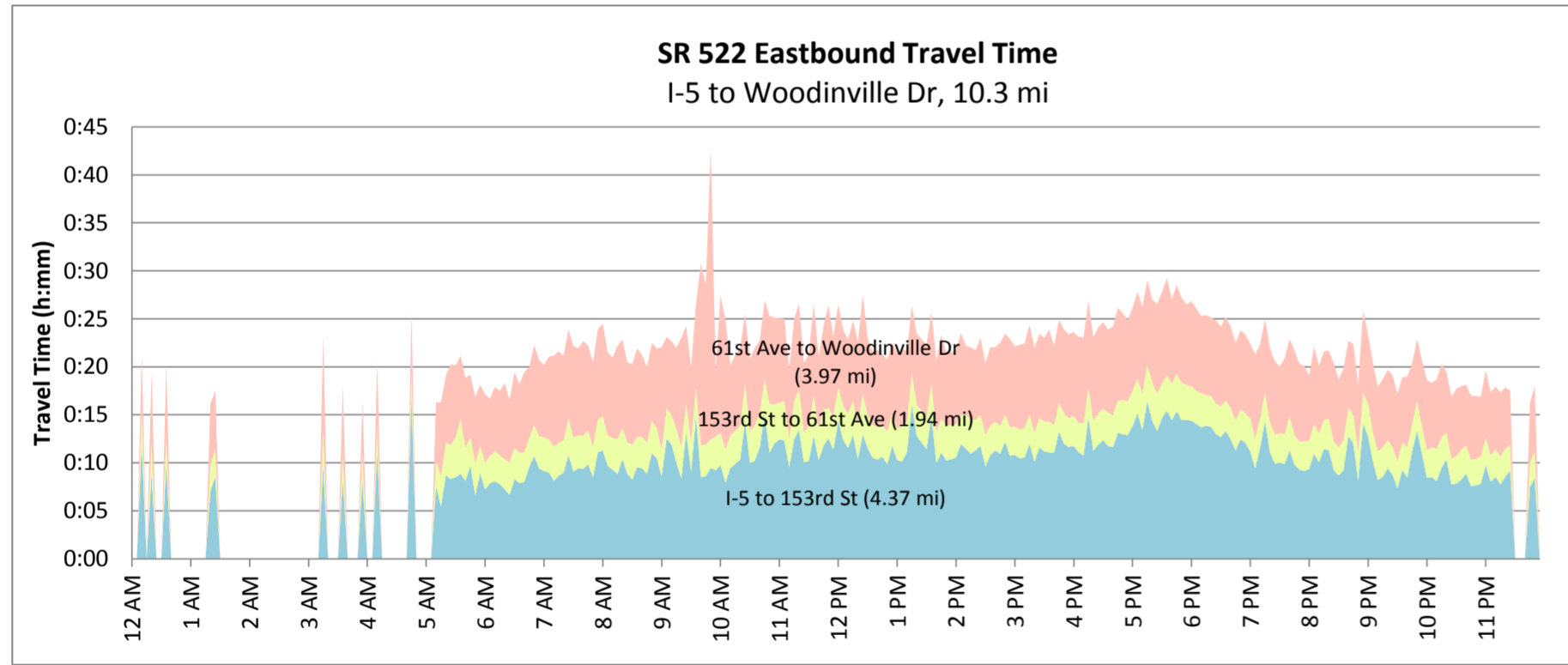
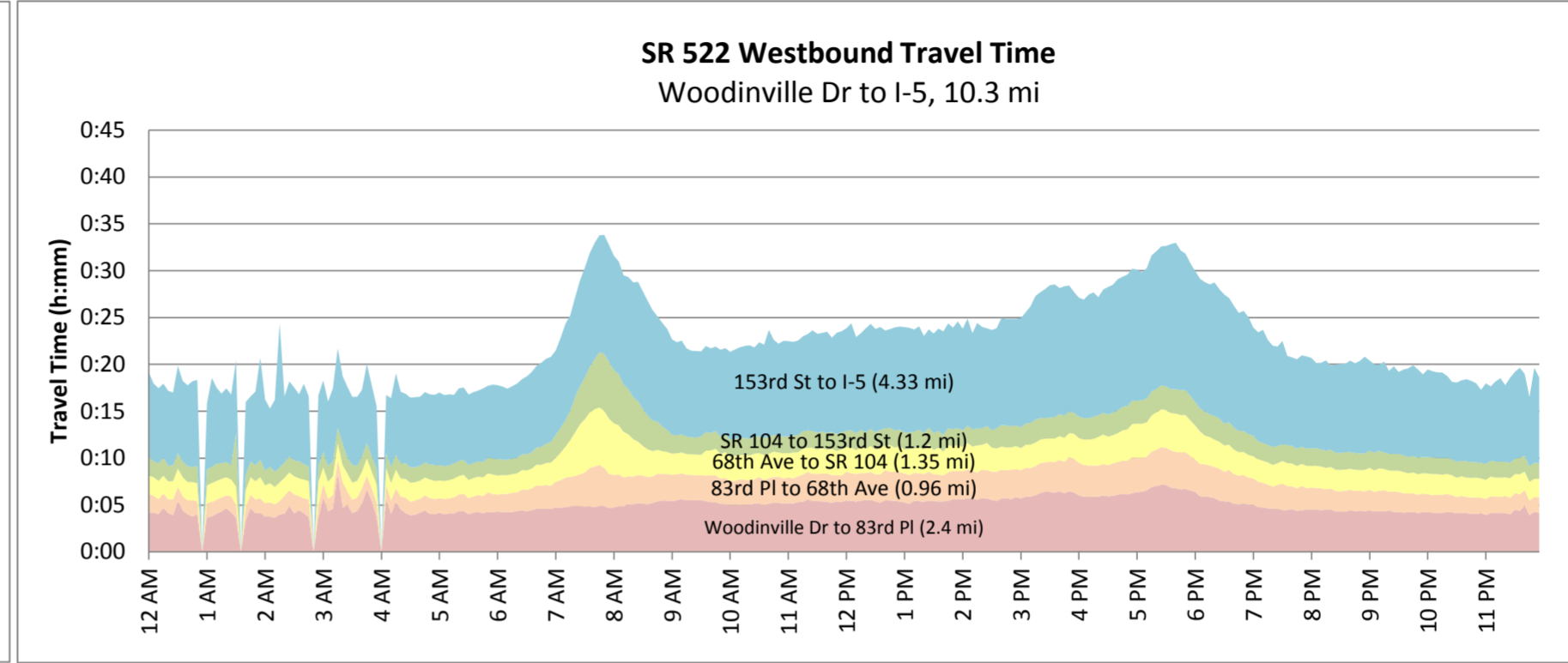
SR 522 Travel Times

2/13/12 - 2/17/12 average

2/13/12 - 2/17/12 average



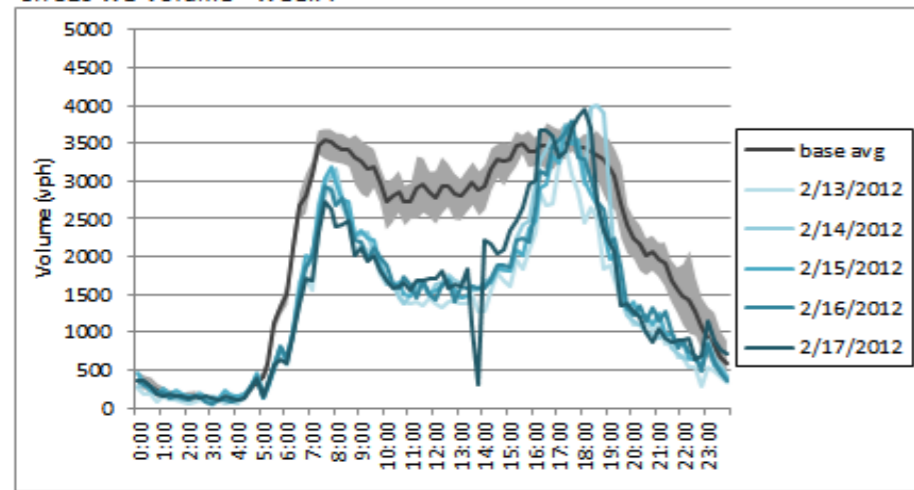
M-F, 10/29-11/18 & 11/26-12/16



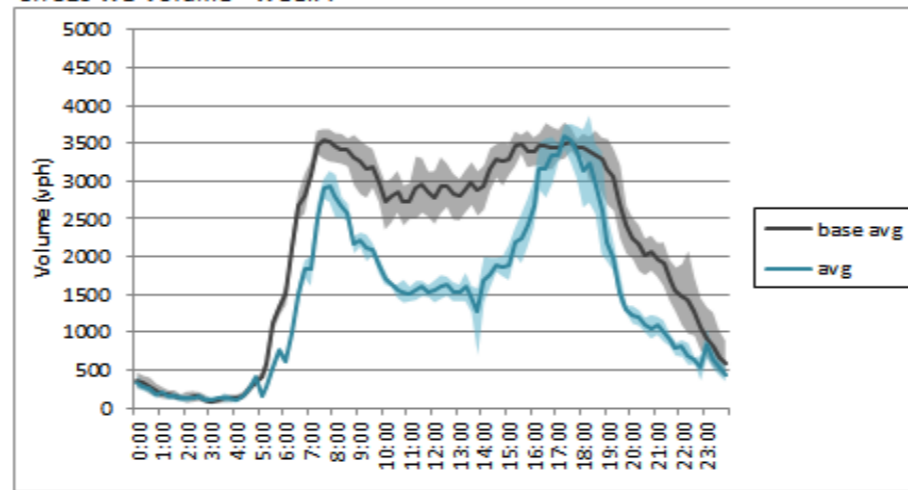
Note: travel time data may be unavailable during time periods with low traffic volume

SR 520 Tolling: Traffic Monitoring
Hourly Mainline Volume Graphs
February 13-17, 2012

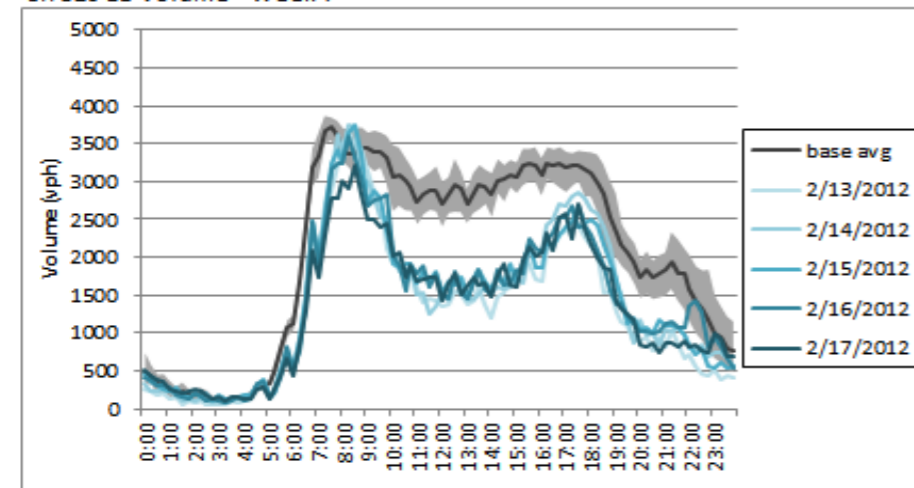
SR 520 WB Volume - Week 7



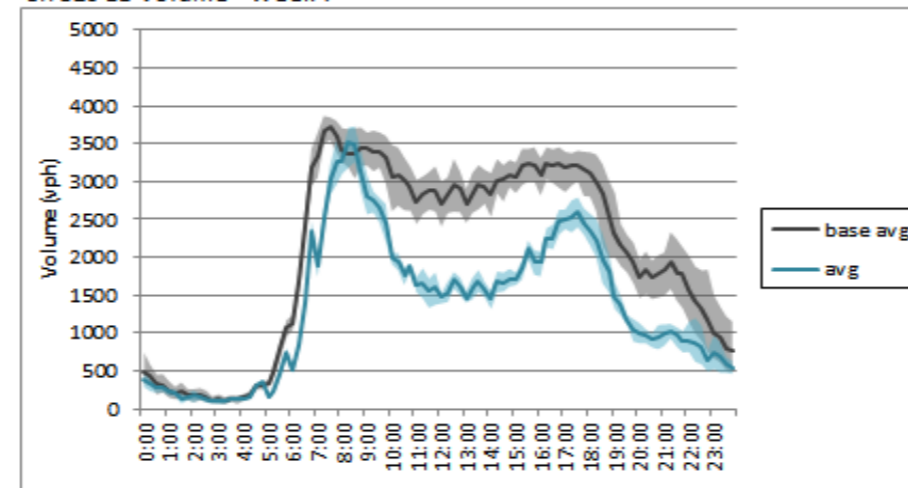
SR 520 WB Volume - Week 7



SR 520 EB Volume - Week 7

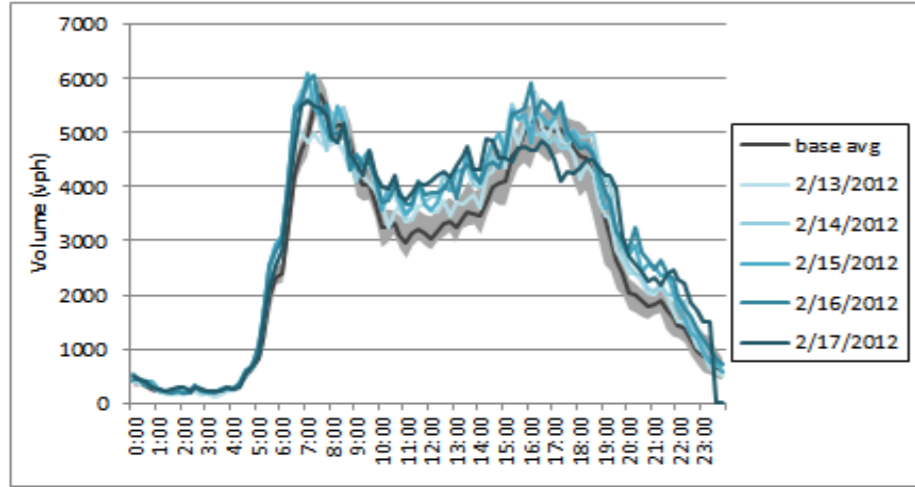


SR 520 EB Volume - Week 7

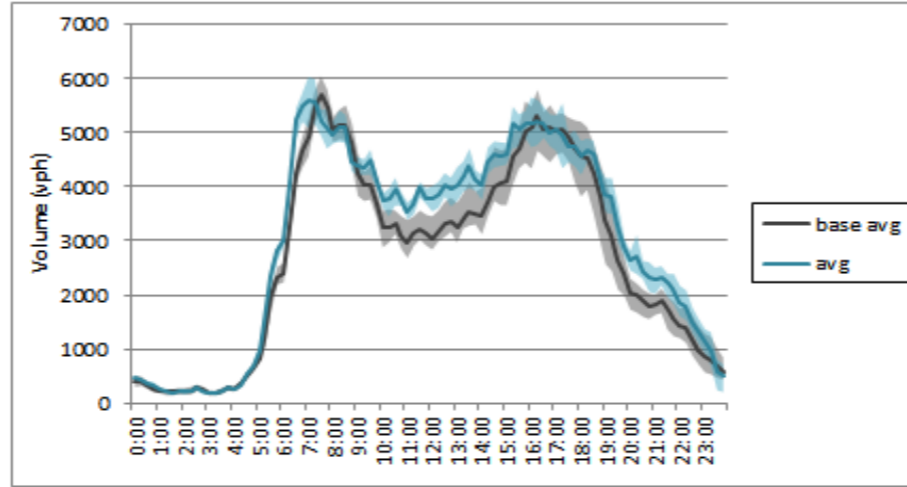


SR 520 Tolling: Traffic Monitoring
Hourly Mainline Volume Graphs
February 13-17, 2012

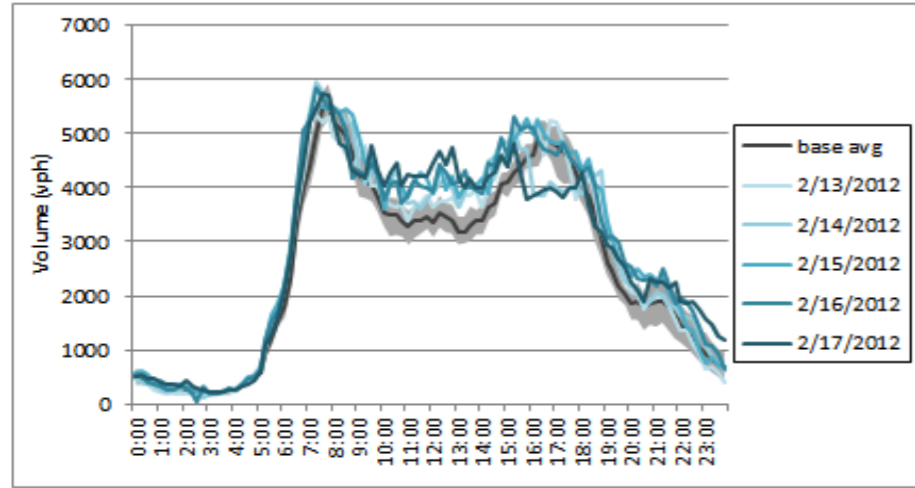
I-90 WB Volume - Week 7



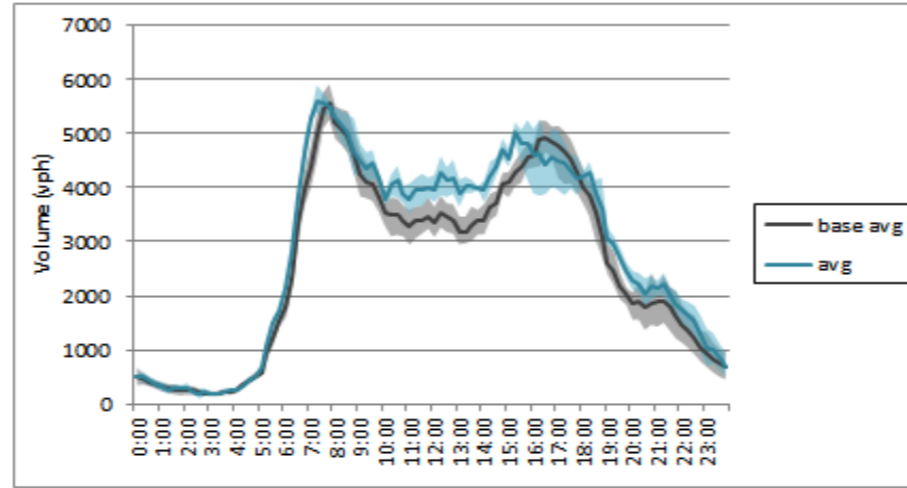
I-90 WB Volume - Week 7



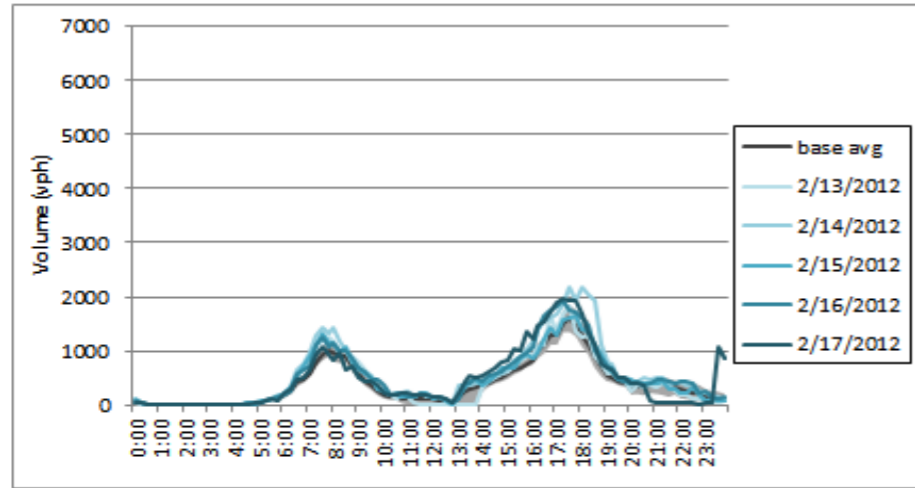
I-90 EB Volume - Week 7



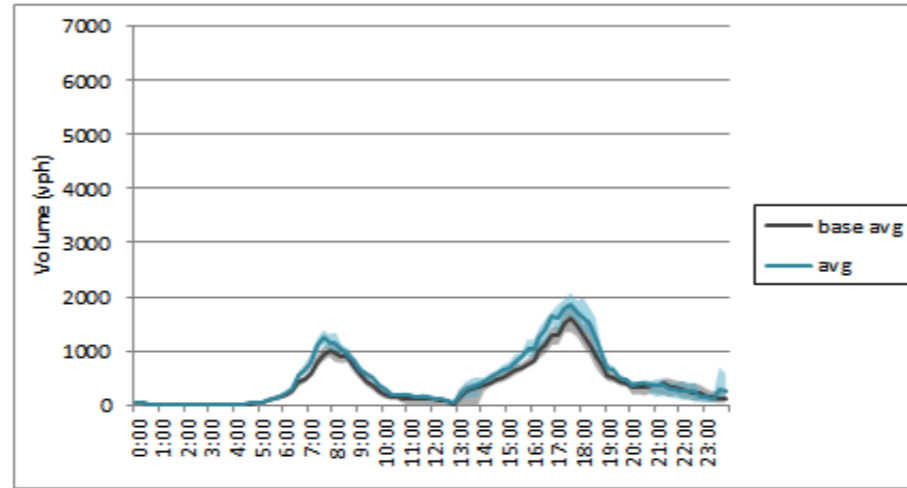
I-90 EB Volume - Week 7



I-90 REV Volume - Week 7

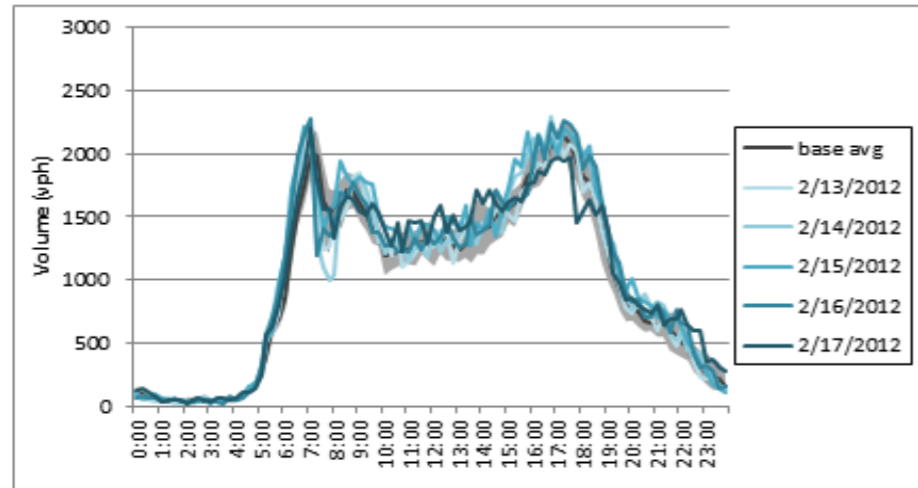


I-90 REV Volume - Week 7

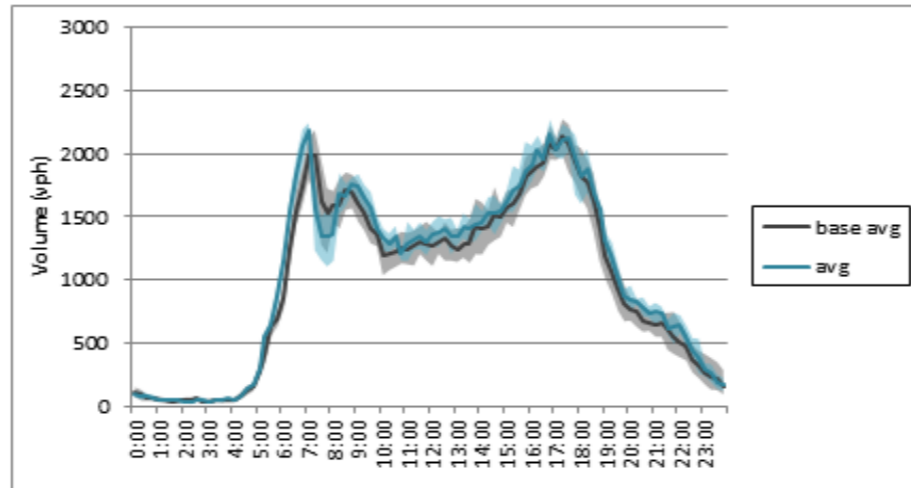


SR 520 Tolling: Traffic Monitoring
Hourly Mainline Volume Graphs
February 13-17, 2012

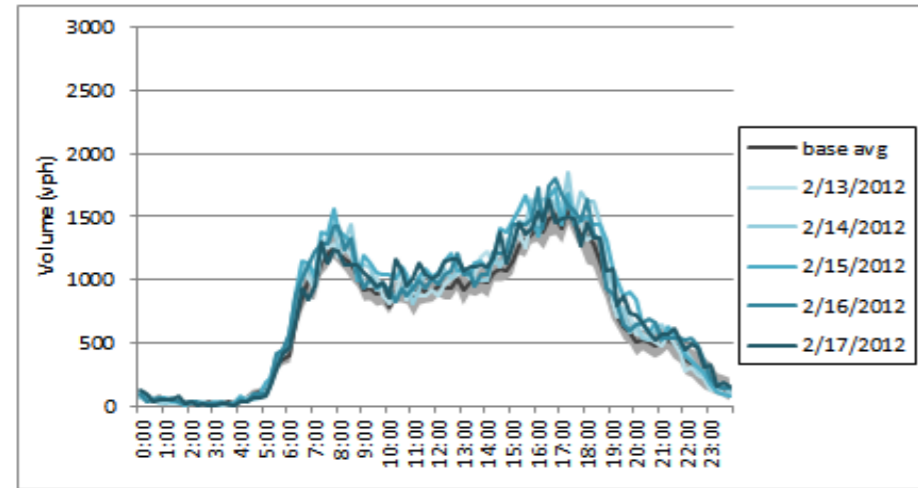
SR 522 WB Volume - Week 7



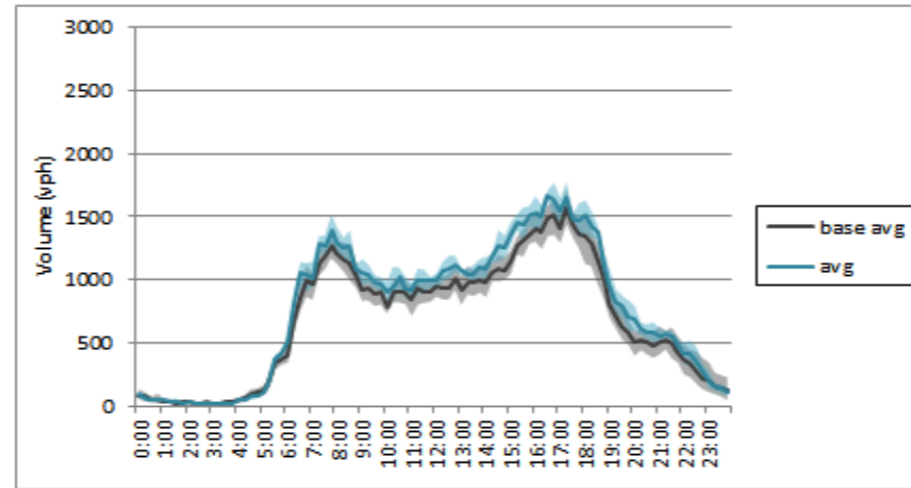
SR 522 WB Volume - Week 7



SR 522 EB Volume - Week 7



SR 522 EB Volume - Week 7

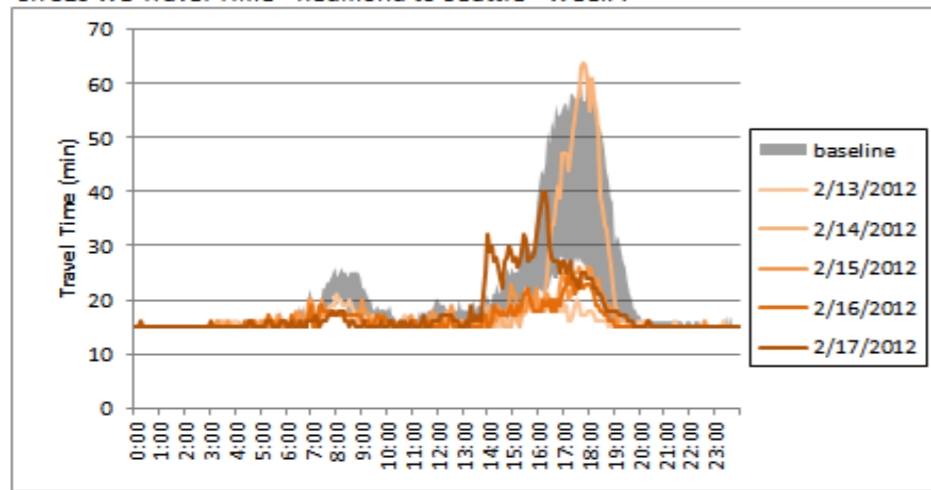


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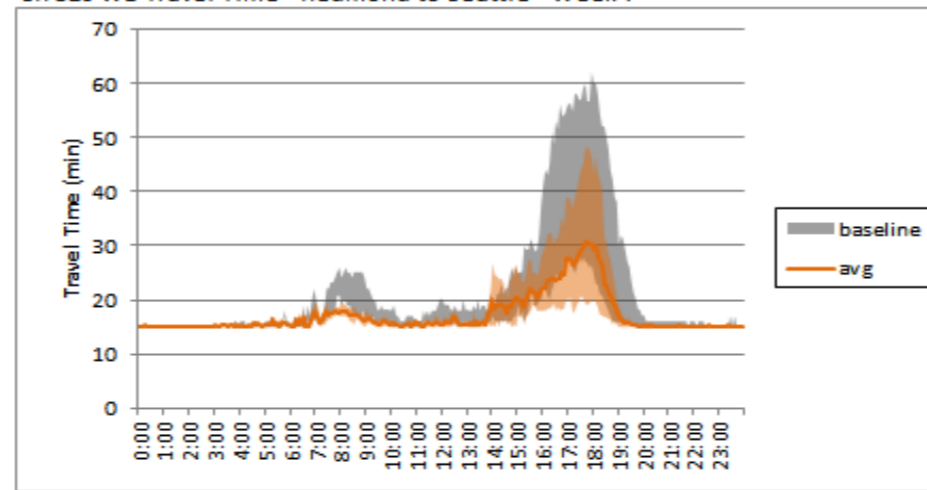
Travel Time Graphs

February 13-17, 2012

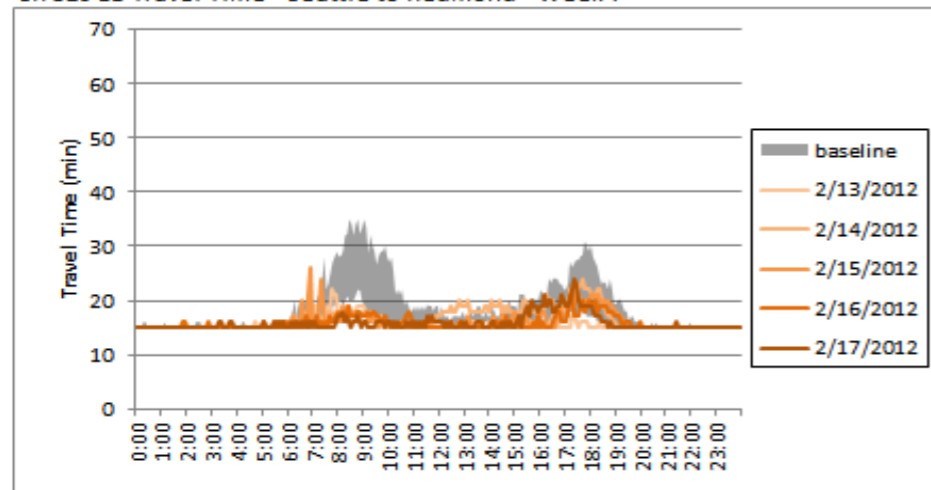
SR 520 WB Travel Time - Redmond to Seattle - Week 7



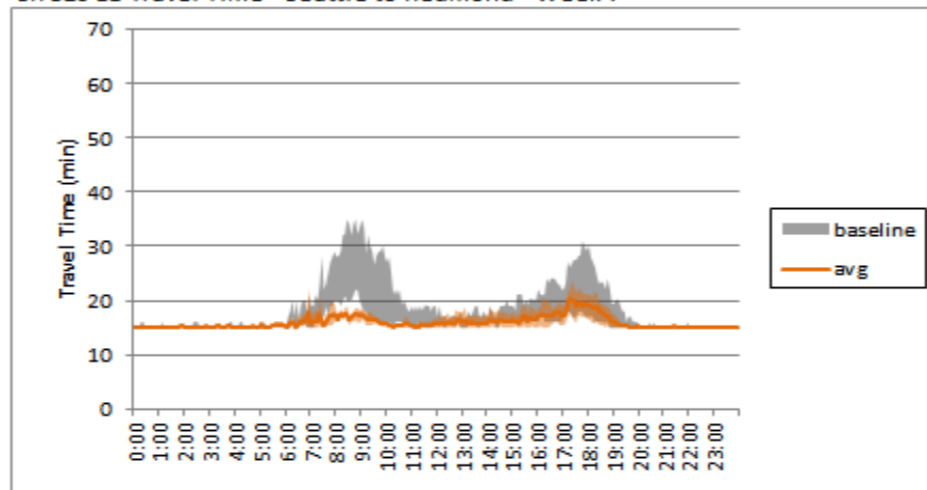
SR 520 WB Travel Time - Redmond to Seattle - Week 7



SR 520 EB Travel Time - Seattle to Redmond - Week 7



SR 520 EB Travel Time - Seattle to Redmond - Week 7

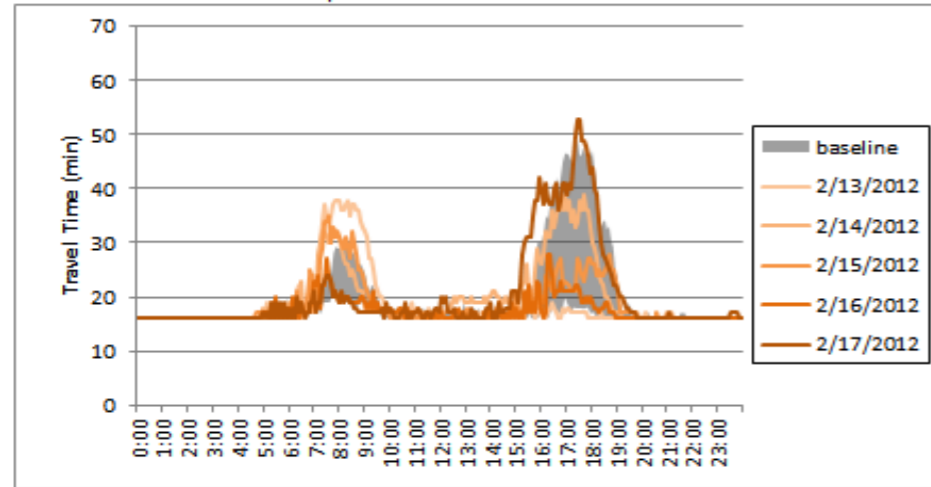


SR 520 Tolling: Traffic Monitoring

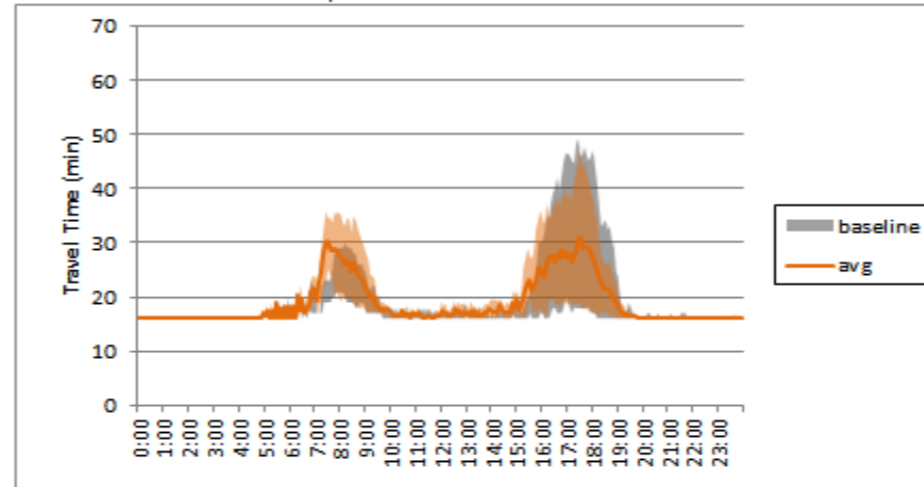
Travel Time Graphs

February 13-17, 2012

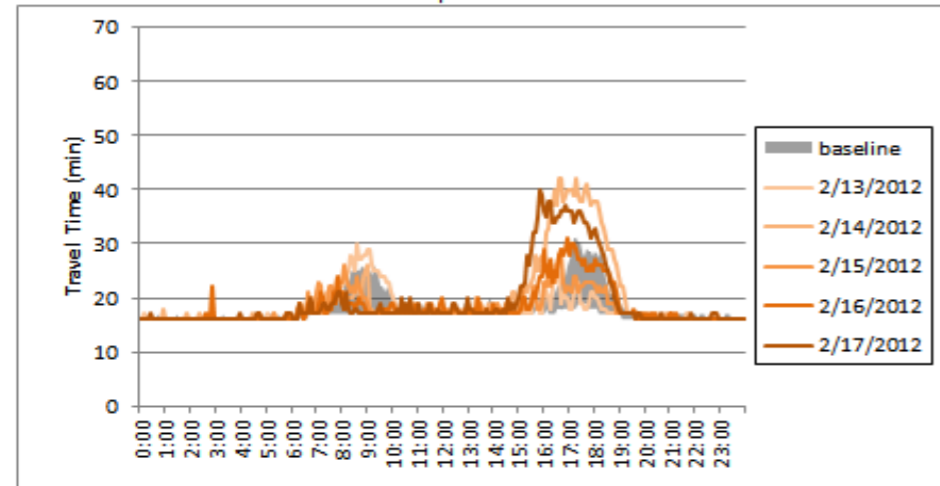
I-90 WB Travel Time - Issaquah to Seattle - Week 7



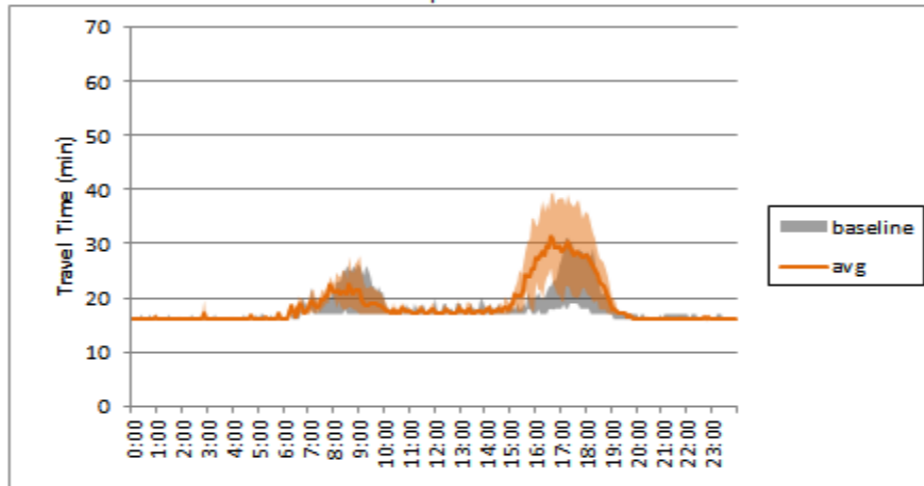
I-90 WB Travel Time - Issaquah to Seattle - Week 7



I-90 EB Travel Time - Seattle to Issaquah - Week 7



I-90 EB Travel Time - Seattle to Issaquah - Week 7

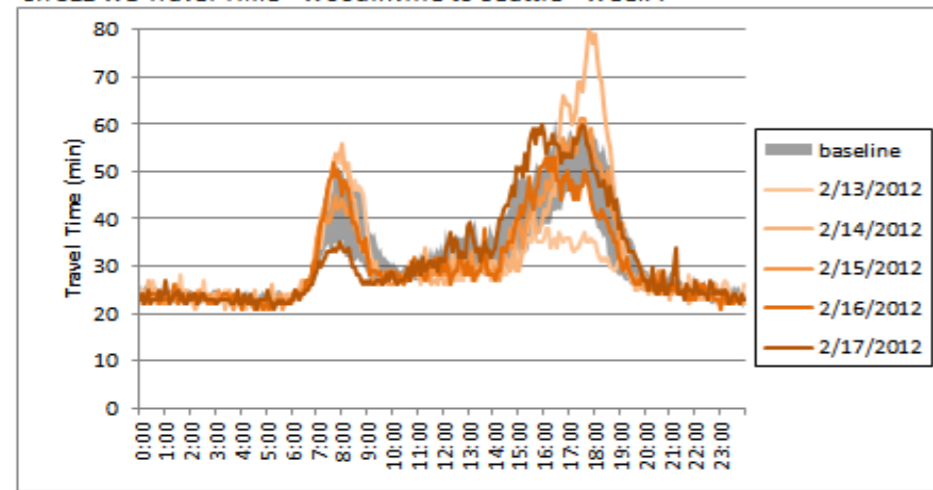


SR 520 Tolling: Traffic Monitoring

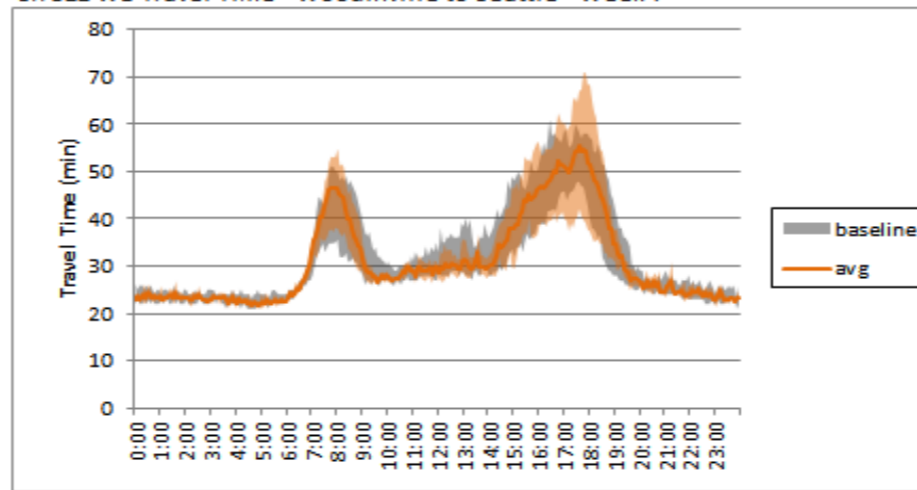
Travel Time Graphs

February 13-17, 2012

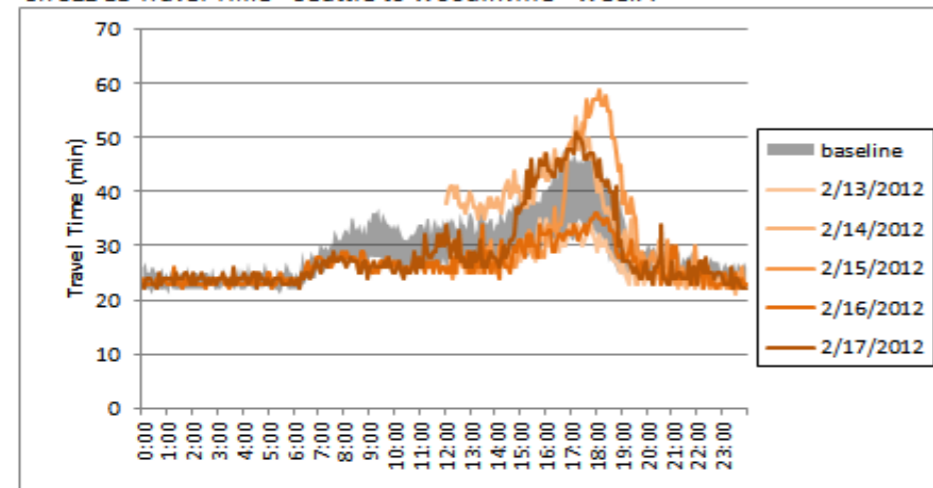
SR 522 WB Travel Time - Woodinville to Seattle - Week 7



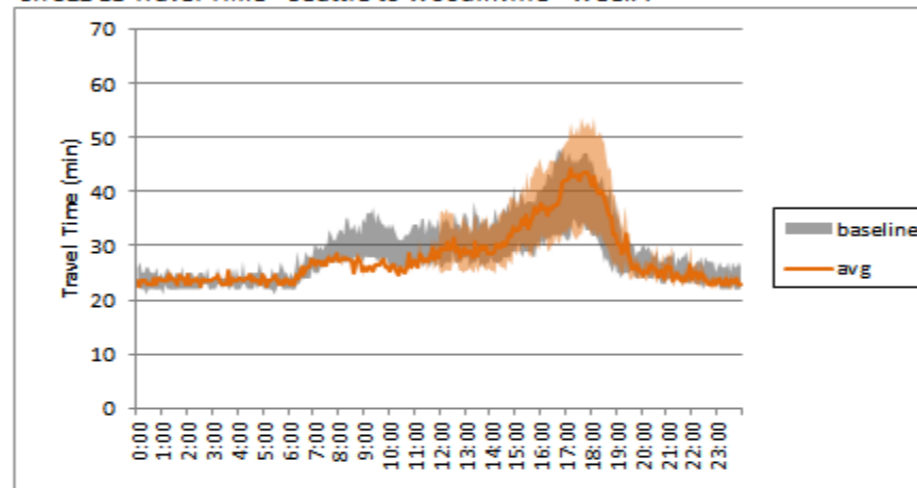
SR 522 WB Travel Time - Woodinville to Seattle - Week 7



SR 522 EB Travel Time - Seattle to Woodinville - Week 7



SR 522 EB Travel Time - Seattle to Woodinville - Week 7

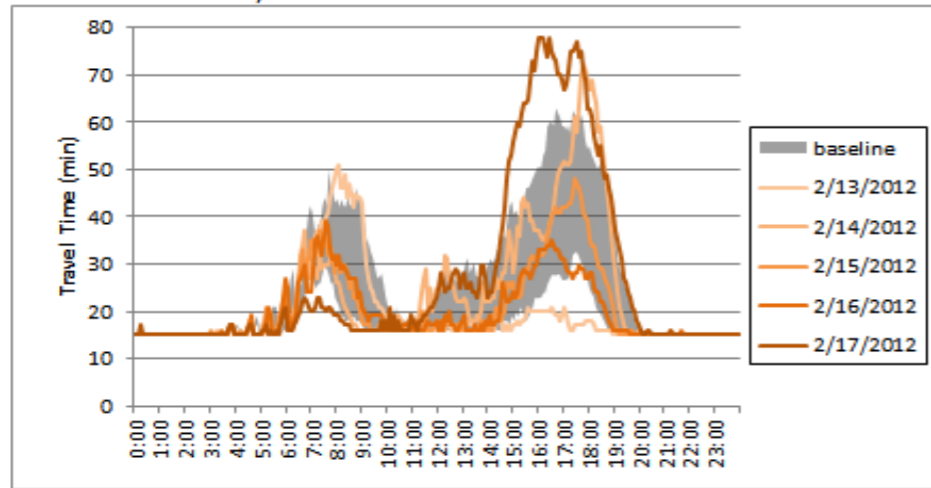


SR 520 Tolling: Traffic Monitoring

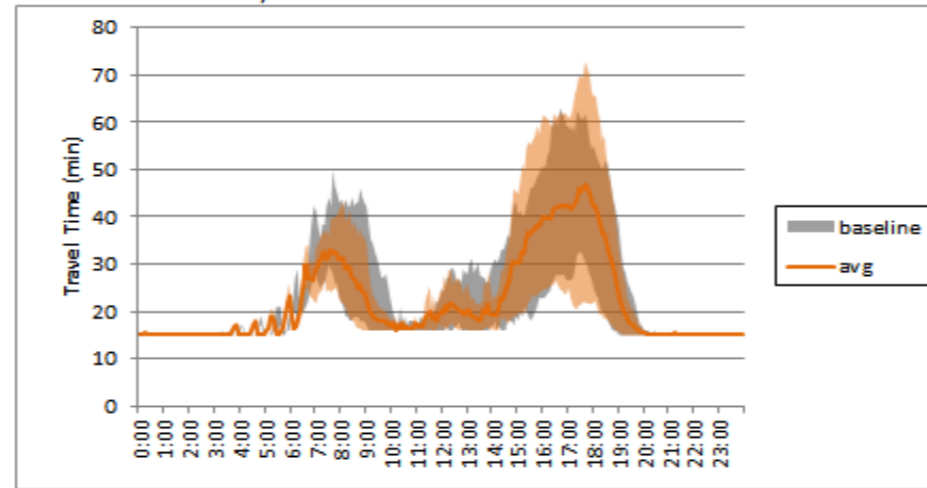
Travel Time Graphs

February 13-17, 2012

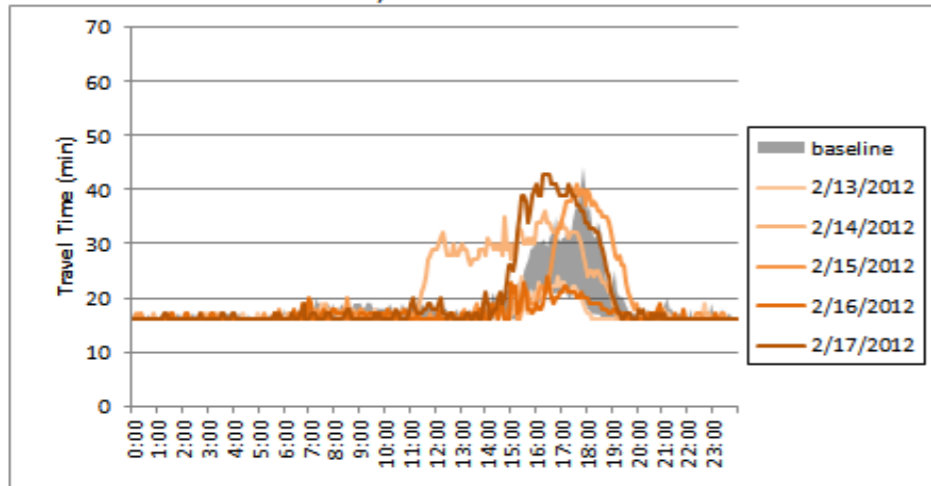
I-5 SB Travel Time - Lynnwood to Seattle - Week 7



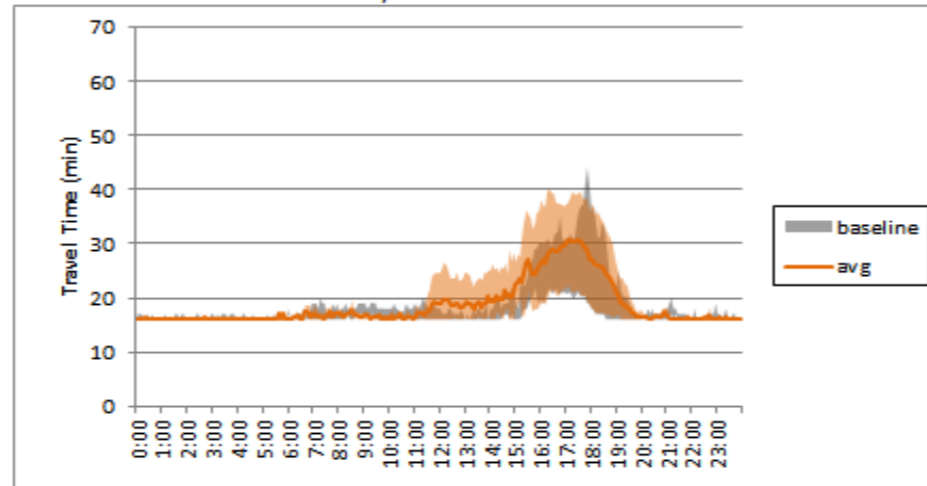
I-5 SB Travel Time - Lynnwood to Seattle - Week 7



I-5 NB Travel Time - Seattle to Lynnwood - Week 7



I-5 NB Travel Time - Seattle to Lynnwood - Week 7

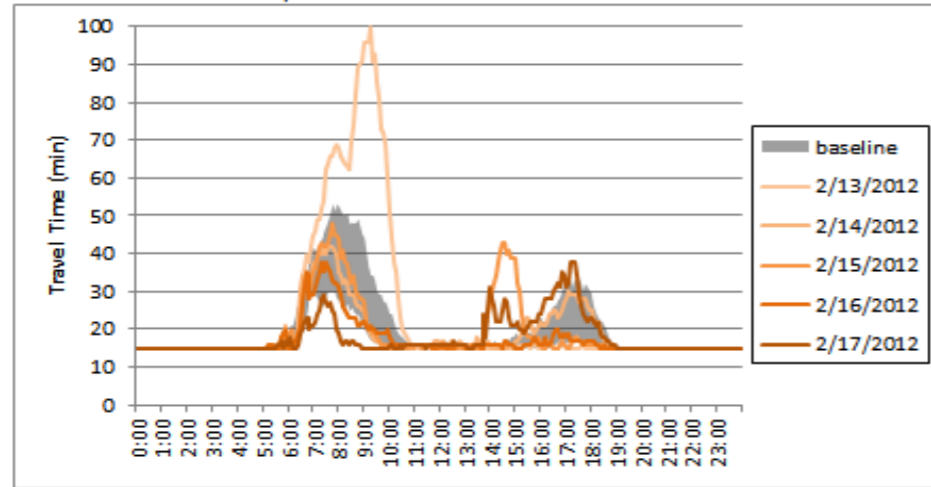


SR 520 Tolling: Traffic Monitoring

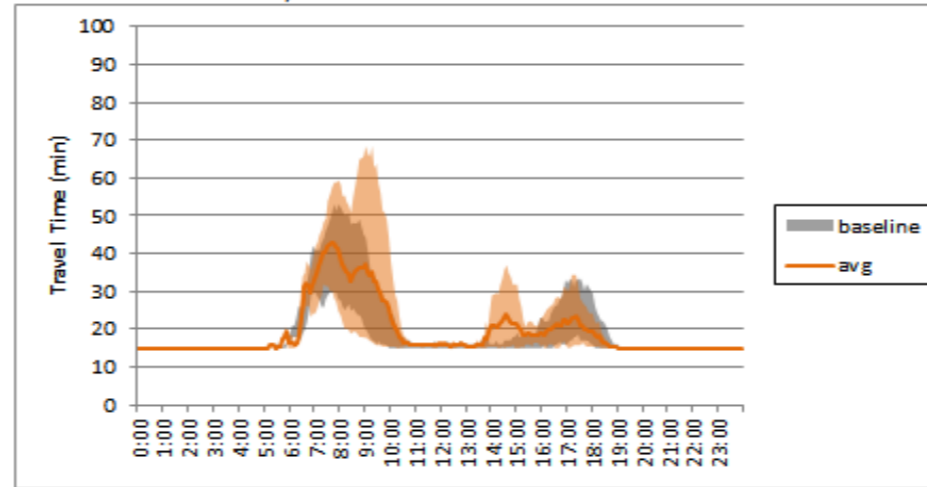
Travel Time Graphs

February 13-17, 2012

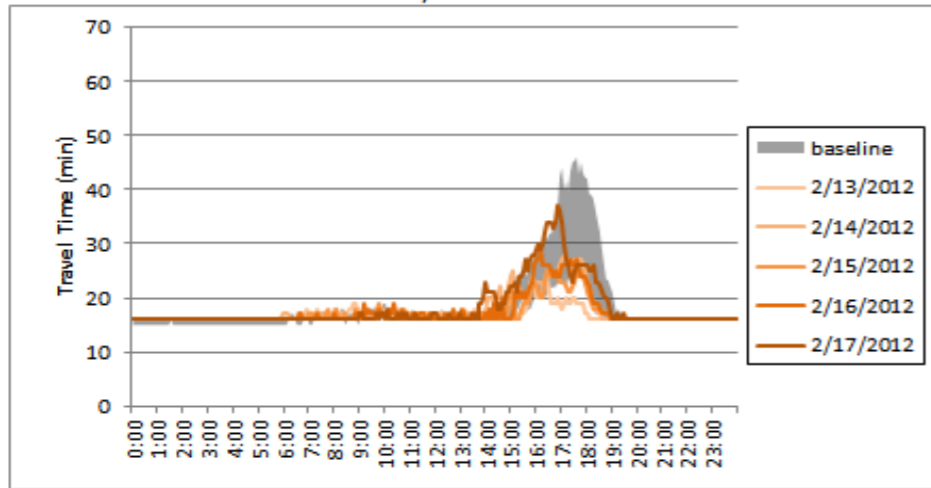
I-405 SB Travel Time - Lynnwood to Bellevue - Week 7



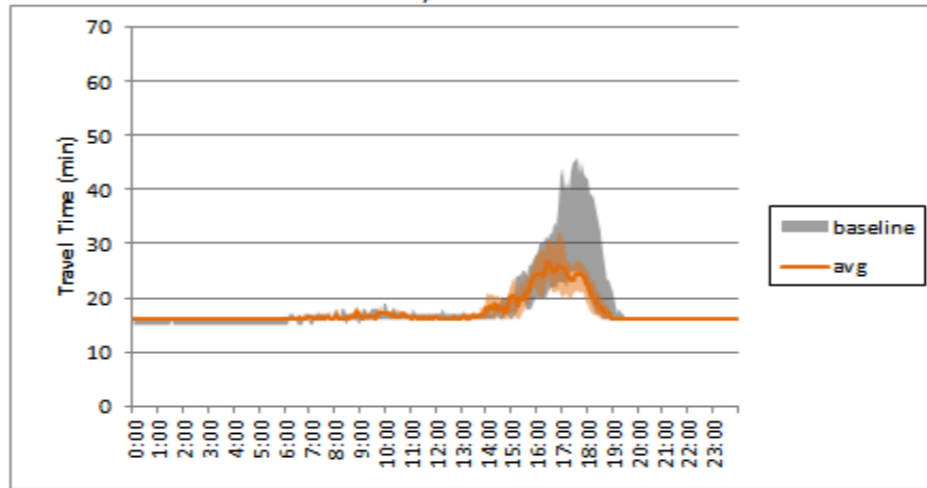
I-405 SB Travel Time - Lynnwood to Bellevue - Week 7



I-405 NB Travel Time - Bellevue to Lynnwood - Week 7



I-405 NB Travel Time - Bellevue to Lynnwood - Week 7

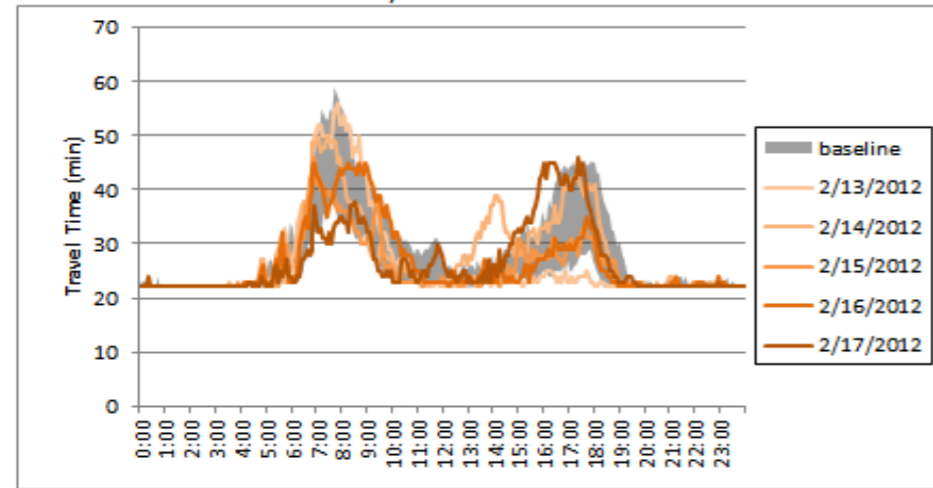


SR 520 Tolling: Traffic Monitoring

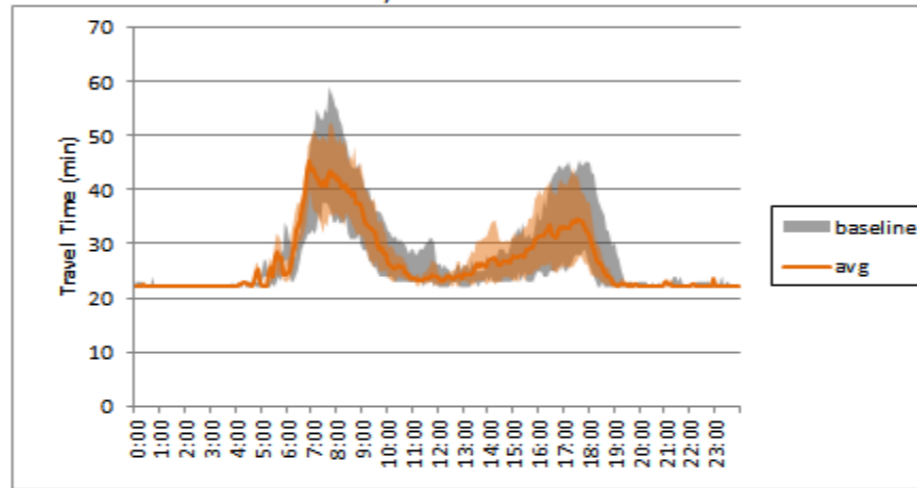
Travel Time Graphs

February 13-17, 2012

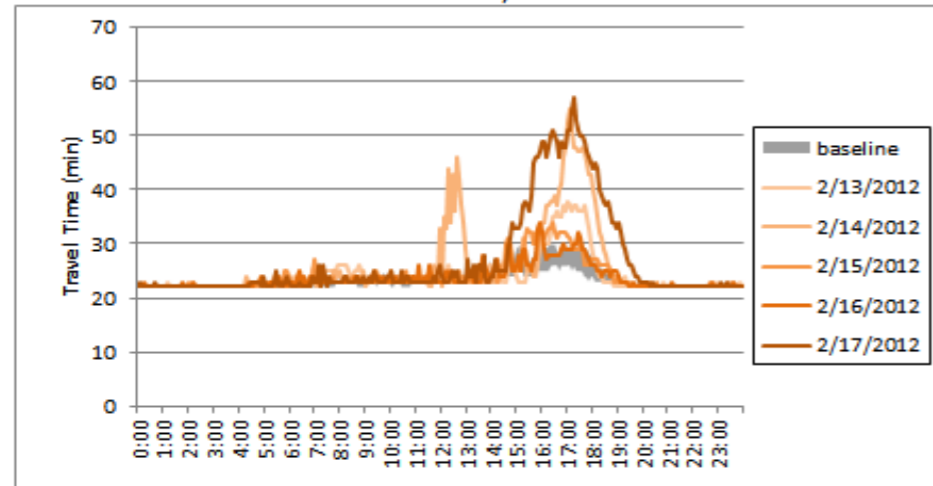
I-5 NB Travel Time - Federal Way to Seattle - Week 7



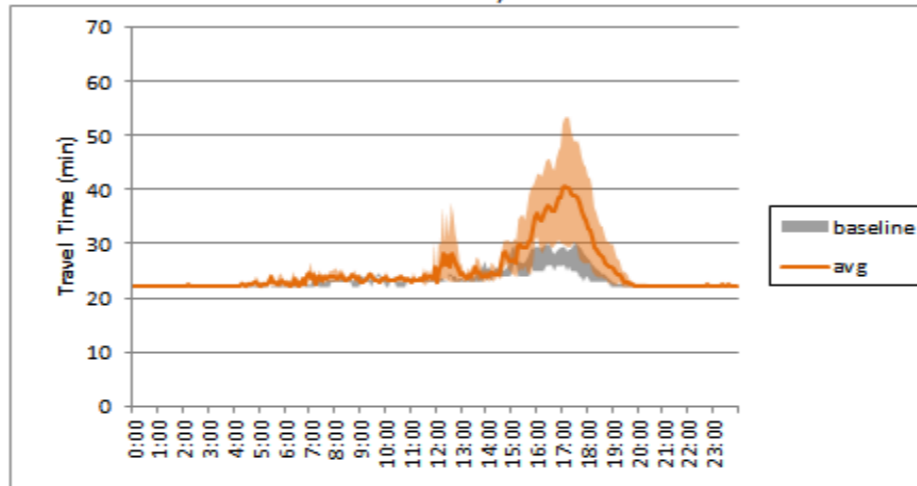
I-5 NB Travel Time - Federal Way to Seattle - Week 7



I-5 SB Travel Time - Seattle to Federal Way - Week 7



I-5 SB Travel Time - Seattle to Federal Way - Week 7

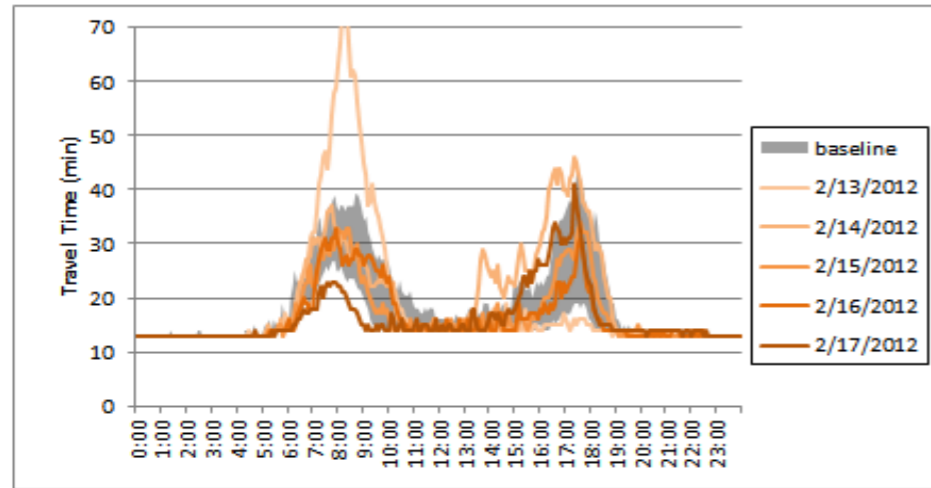


SR 520 Tolling: Traffic Monitoring

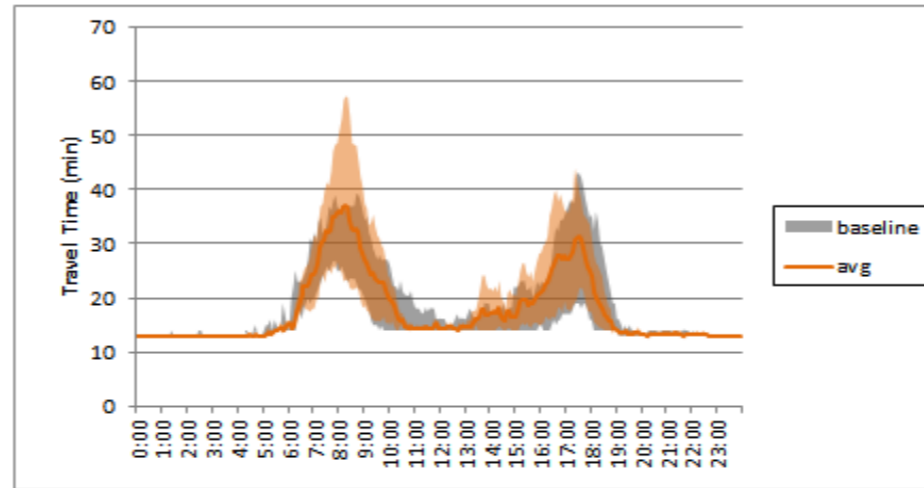
Travel Time Graphs

February 13-17, 2012

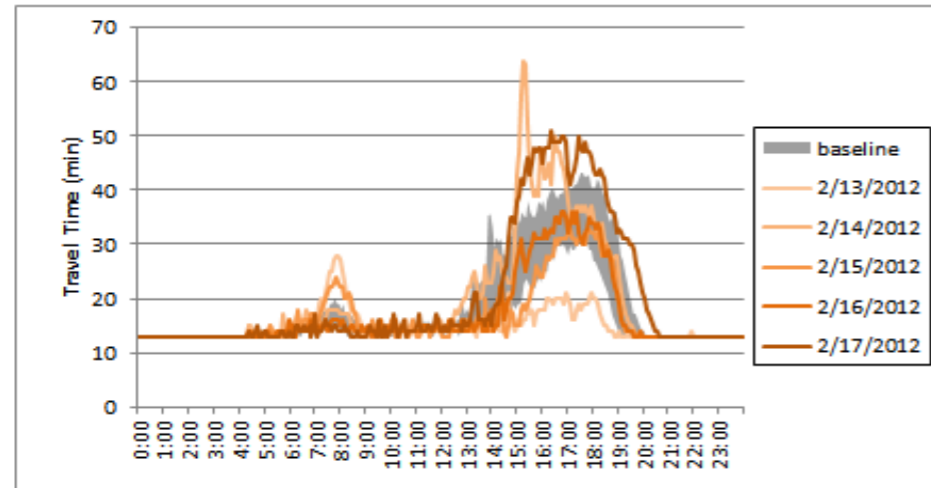
I-405 NB Travel Time - Tukwila to Bellevue - Week 7



I-405 NB Travel Time - Tukwila to Bellevue - Week 7



I-405 SB Travel Time - Bellevue to Tukwila - Week 7



I-405 SB Travel Time - Bellevue to Tukwila - Week 7

