



**SR 520 Tolling: Traffic Monitoring**

**Saturday, December 31, 2011**

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

**Daily Volume:**

<b>% change</b>
<b>12/31/2011</b>
<b>baseline</b>

SR 520 Bridge

<b>-61%</b>
<b>31,100</b>
<b>79,600</b>

I-90 Bridge

<b>5%</b>
<b>106,400</b>
<b>101,700</b>

SR 522 at 83rd Ave NE

<b>-5%</b>
<b>26,200</b>
<b>27,600</b>

**Traffic Summary:**

SR 520 volumes were down significantly, similar to Thursday and Friday's opening day volumes. Volumes on I-90 were up by 5% compared to a typical non-holiday Saturday, whereas volumes on SR 522 were down by 5%. Volumes on I-5 and I-405 between the bridges were down by 6-17% and volumes north of SR 520 were down by 9-23%. I-90 and SR 520 travel times were significantly lower throughout the day. Travel times on SR 522 were slightly lower midday but remained similar to a typical non-holiday Saturday for the remainder of the day.

**Major Incidents:**

- EB I-90 offramp to Rainier Ave S, collision blocking ramp and 2 right lanes from 10:22 am to 10:55 am.
- SB SR 509 at S 160th St, collision blocking left lane from 3:03 pm to 3:30 pm.
- NB I-405 at Sunset Blvd, collision blocking up to 2 left lanes from 6:37 pm to 6:54 pm.
- NB SR 167 just S. of I-405 I/C, collision blocking up to 2 left lanes from 6:47 pm to 7:19 pm
- NB SR 167 at Ellingson, collision blocking left lane from 7:18 pm to 7:29 pm.
- NB I-5 just S. of Mercer St, collision blocking left lane from 8:54 pm to 9:01 pm.
- NB I-5 just S. of Mercer St, collision blocking left center lane from 9:44 pm to 9:51 pm.

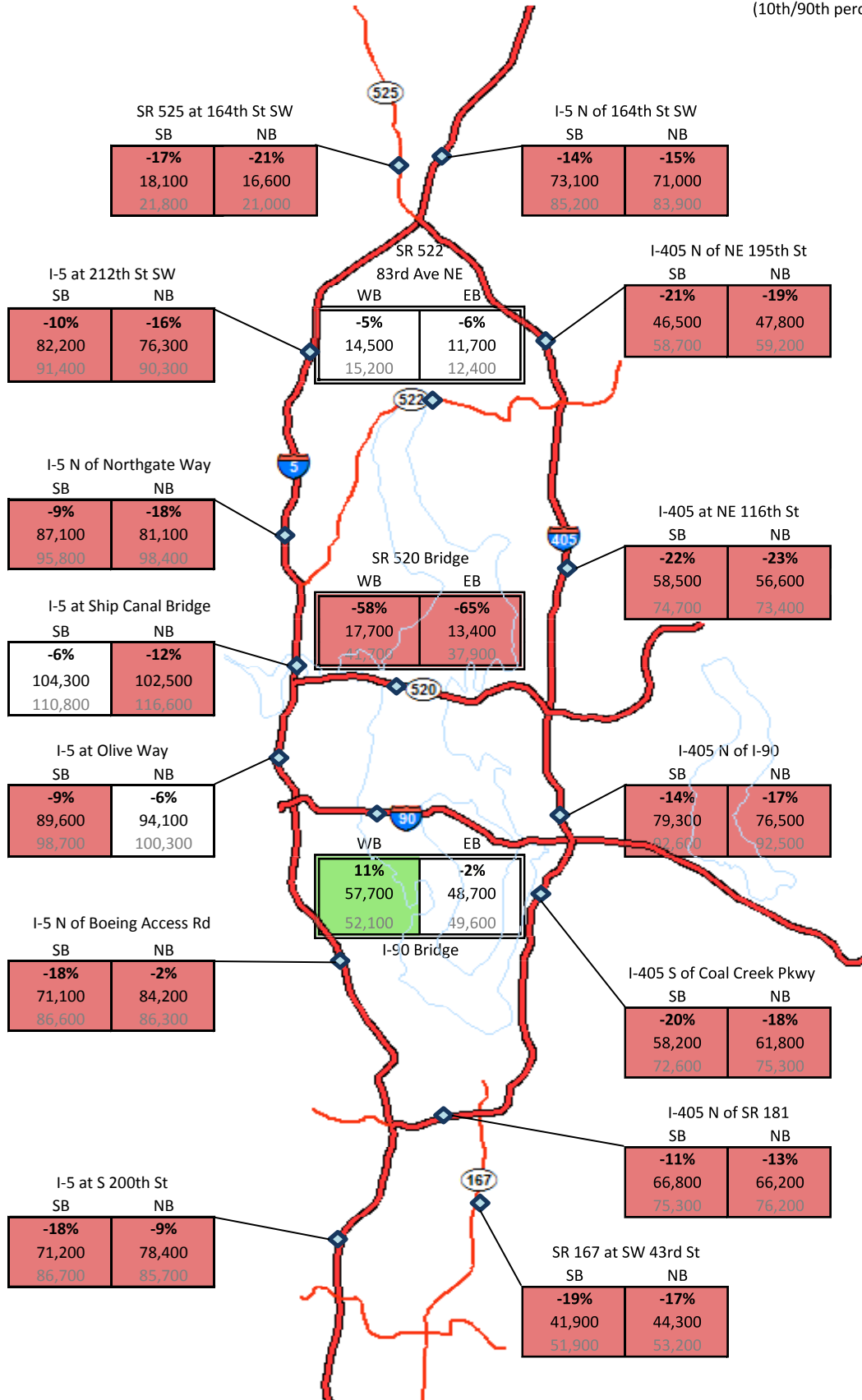
**Special Events:**

UW Basketball at Alaska Airlines Arena/UW Campus, 7:00 pm to 10:00 pm

**SR 520 Tolling: Traffic Monitoring**  
**Daily Mainline Volumes**  
**Saturday, December 31, 2011**

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

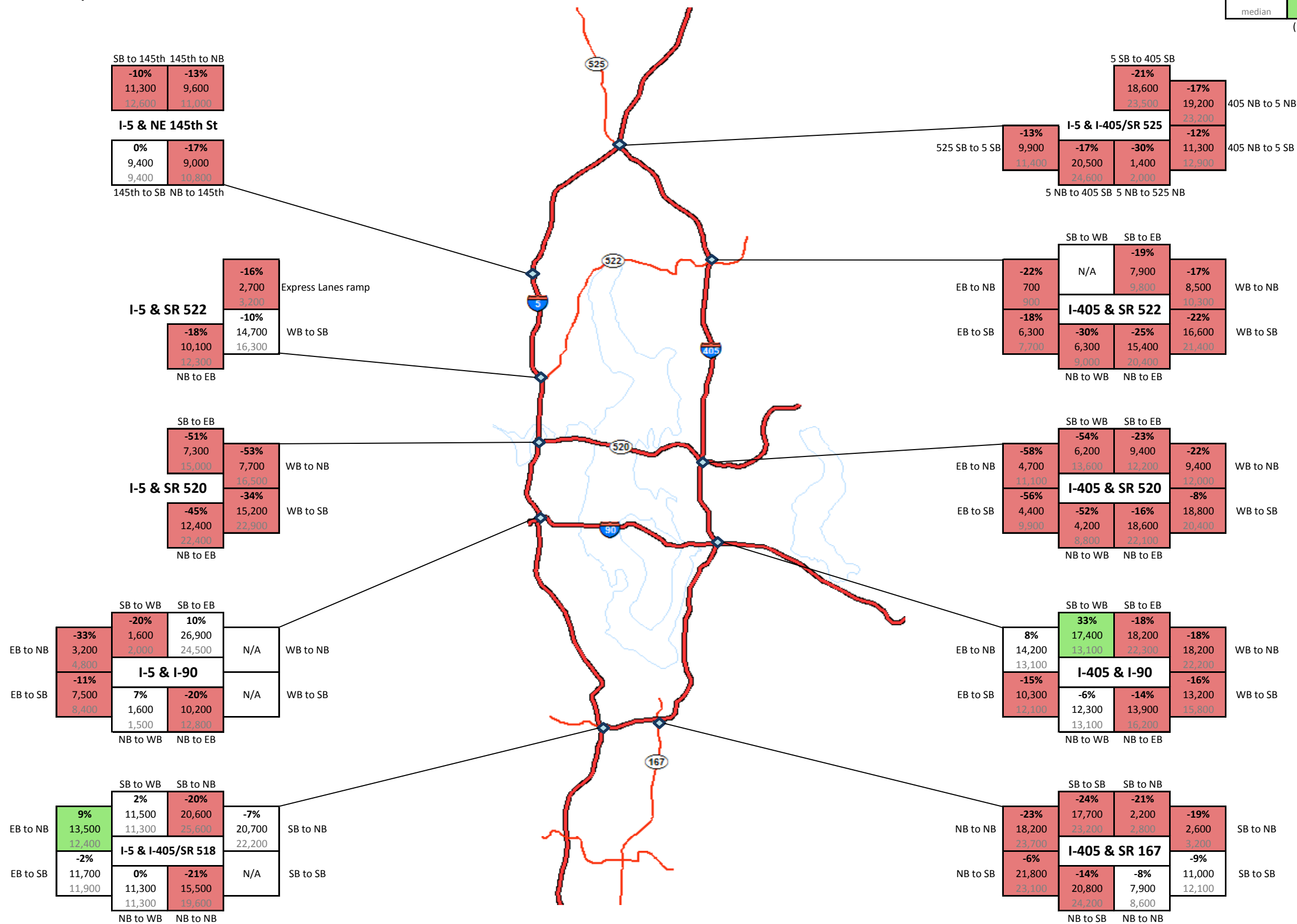
% change 12/31/2011 median	above range of typical variation	below range of typical variation
	(10th/90th percentile)	



**SR 520 Tolling: Traffic Monitoring**  
**Daily Interchange Volumes**  
**Saturday, December 31, 2011**

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

% change	above range	below range
12/31/2011	of typical	of typical
median	variation	variation
	(10th/90th percentile)	



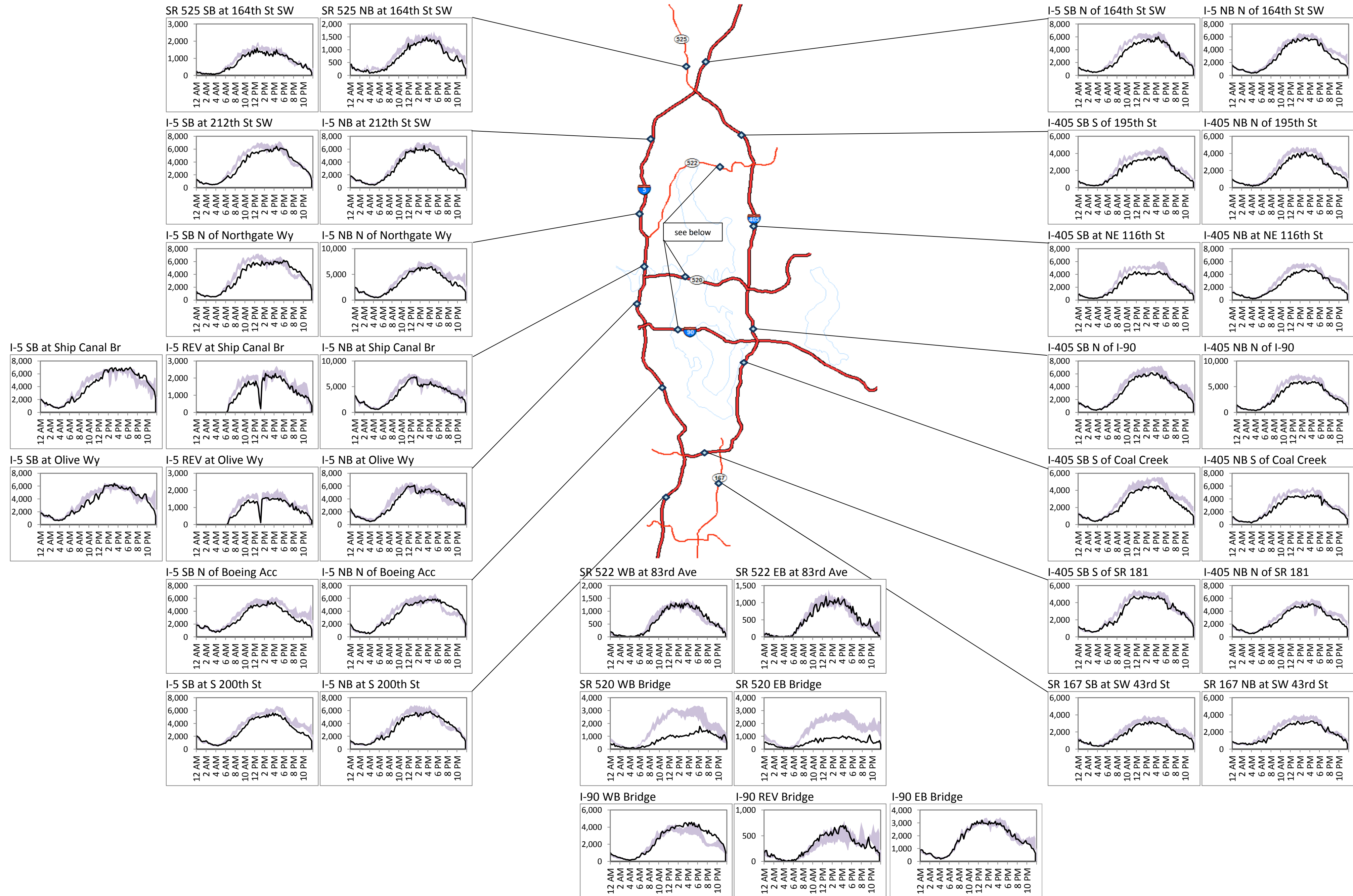
# SR 520 Tolling: Traffic Monitoring

## Hourly Mainline Volumes

Saturday, December 31, 2011

— Saturday, December 31, 2011

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



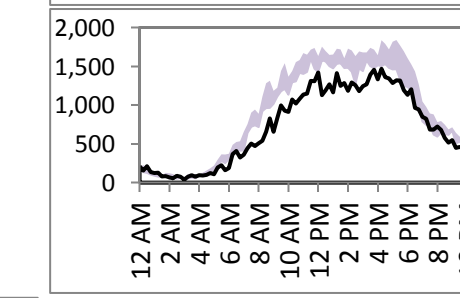
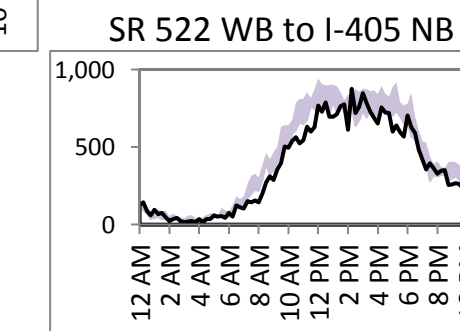
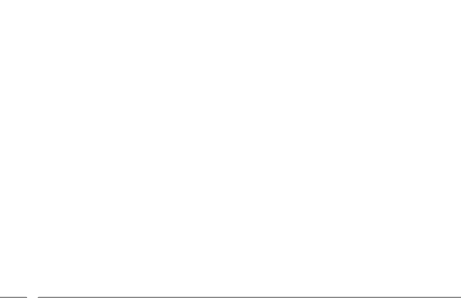
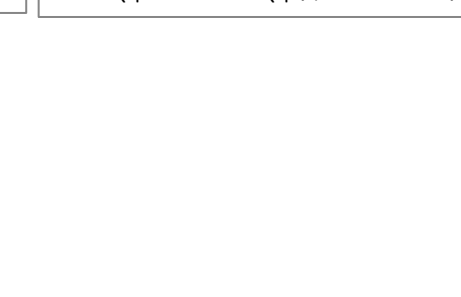
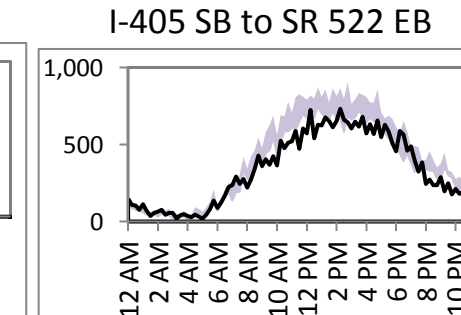
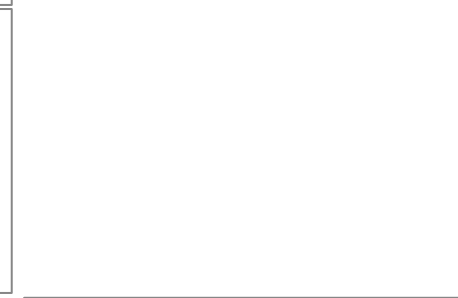
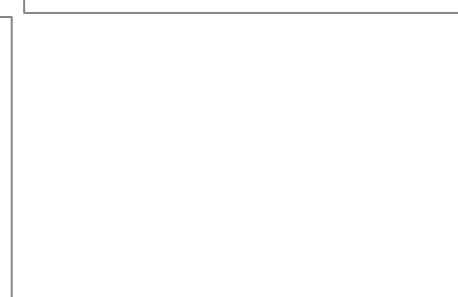
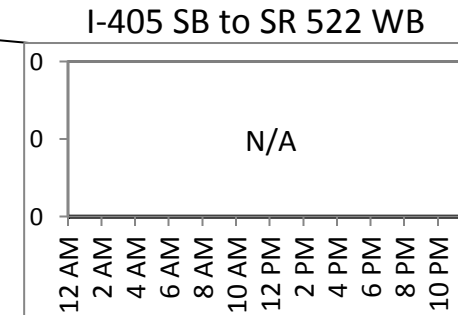
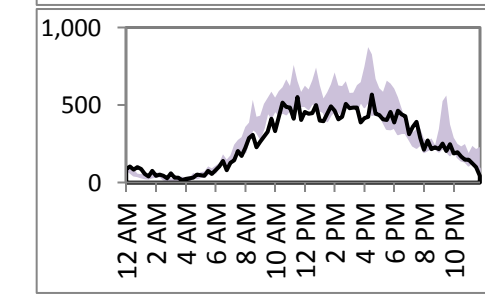
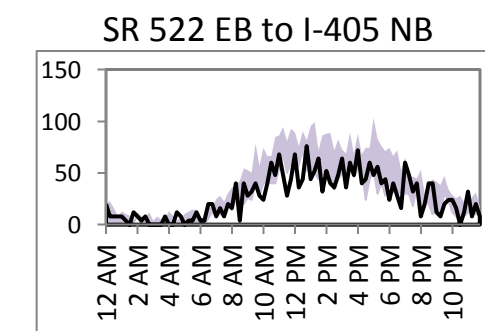
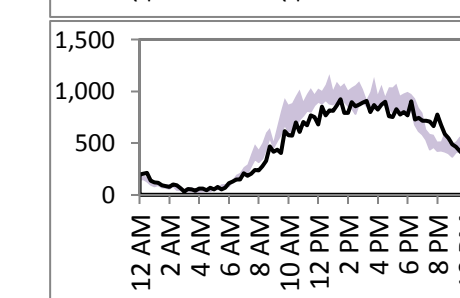
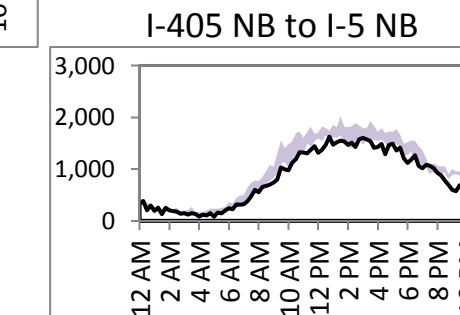
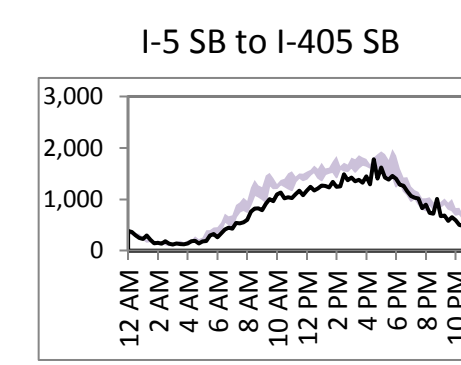
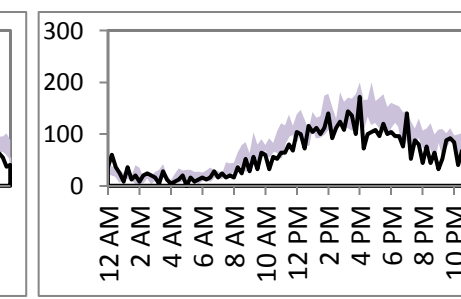
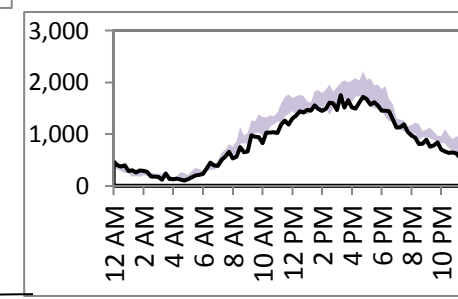
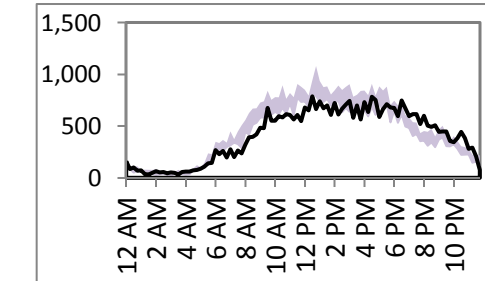
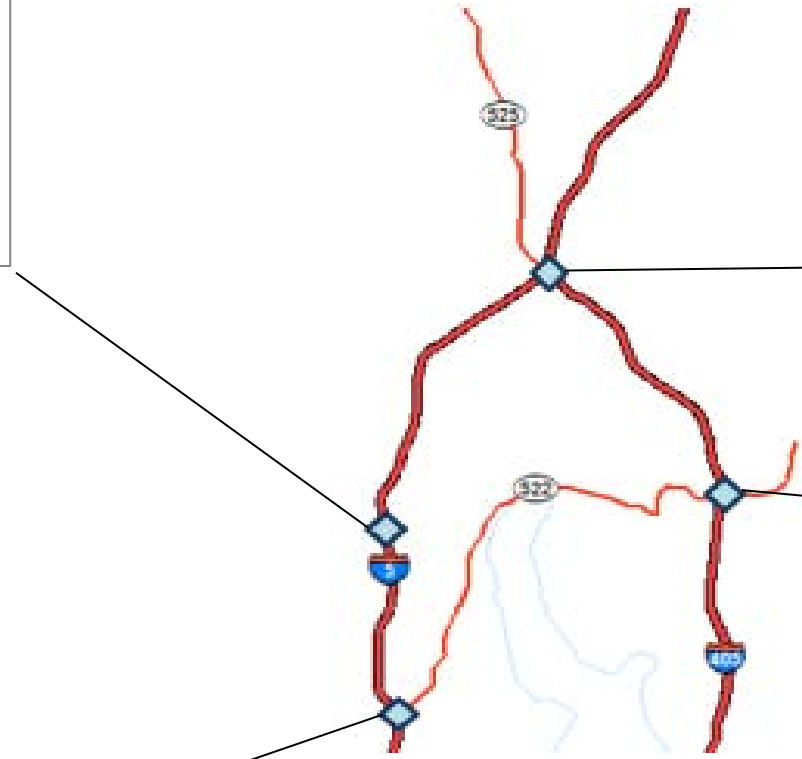
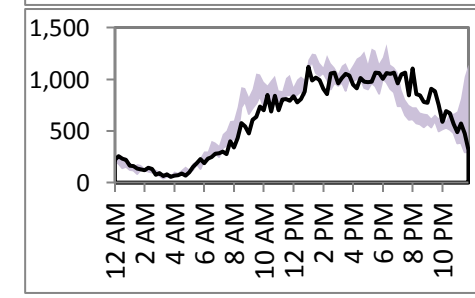
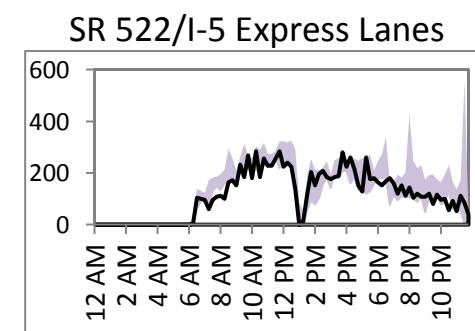
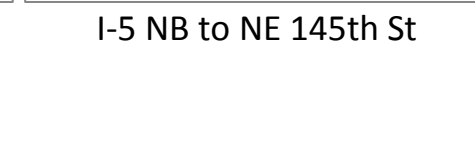
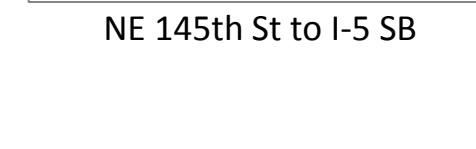
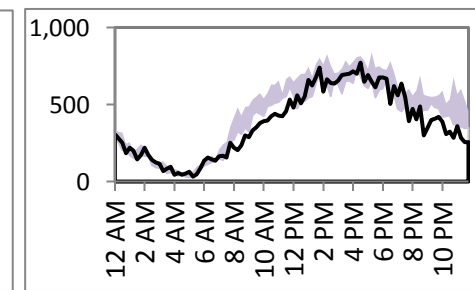
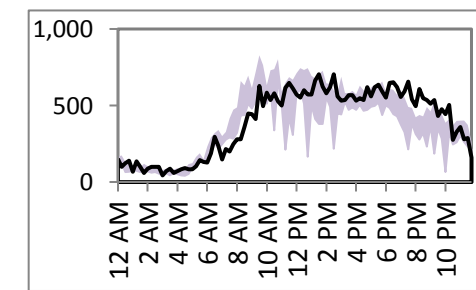
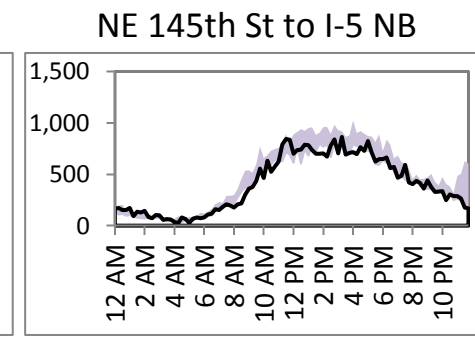
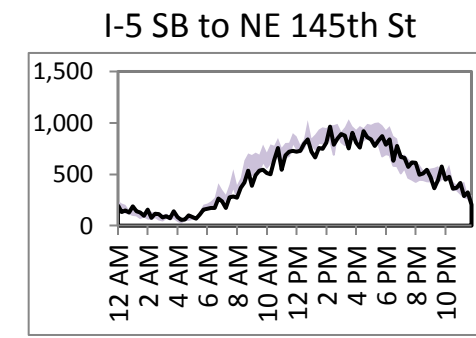
# SR 520 Tolling: Traffic Monitoring

## Hourly Interchange Volumes

Saturday, December 31, 2011

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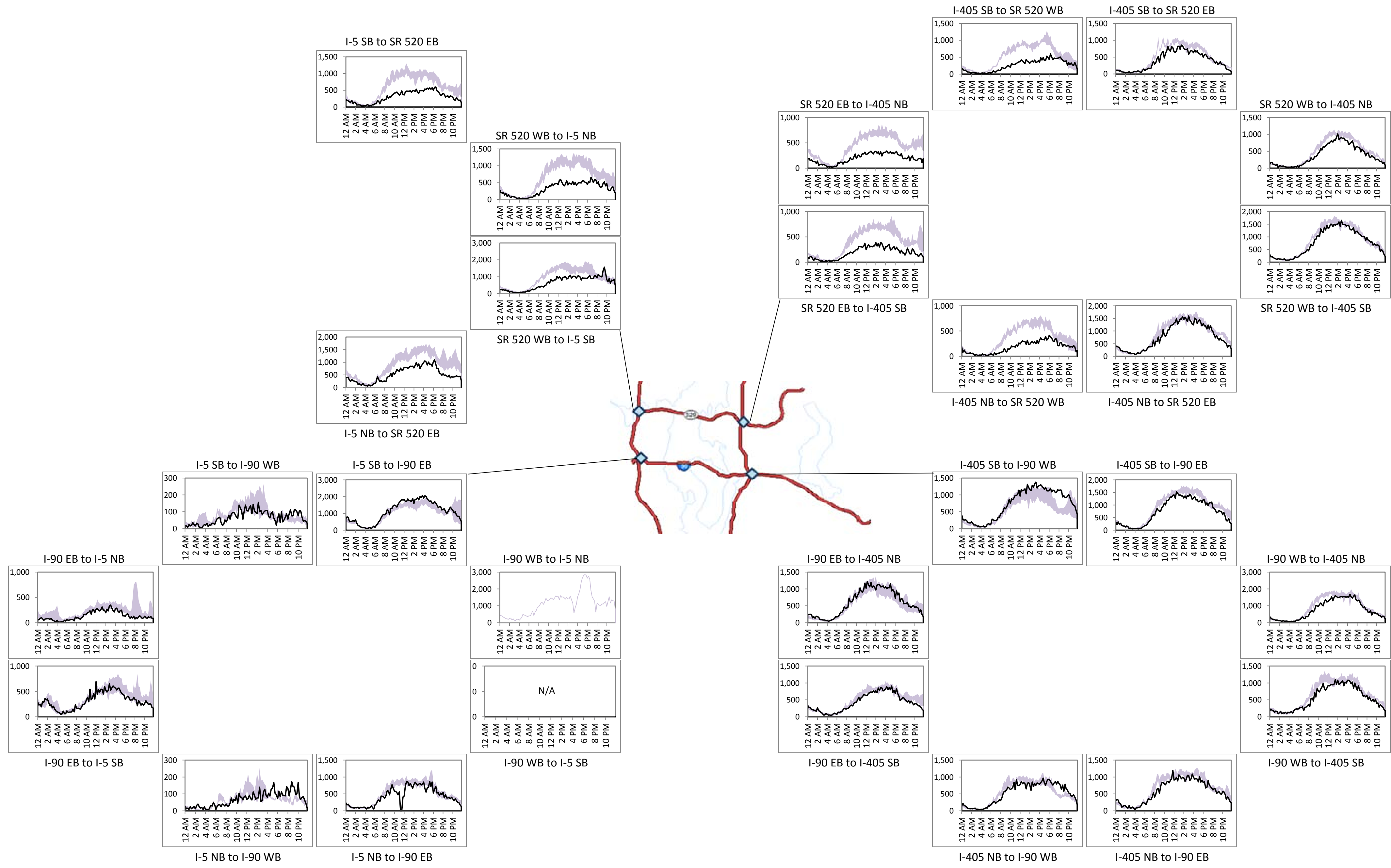
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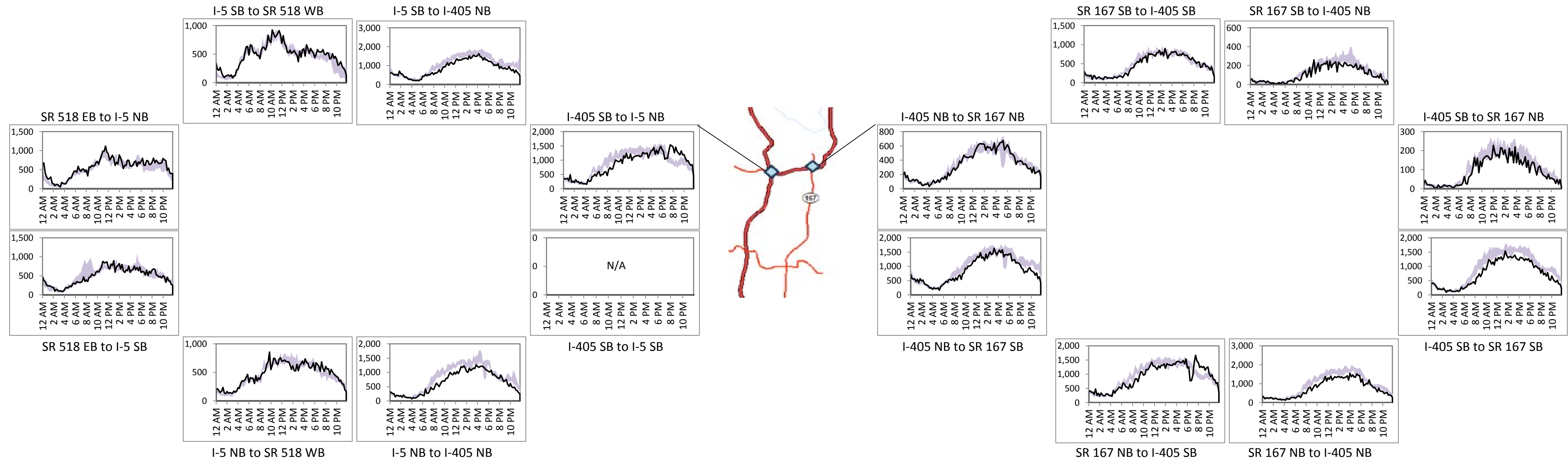
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## Hourly Interchange Volumes

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# SR 520 Tolling: Traffic Monitoring

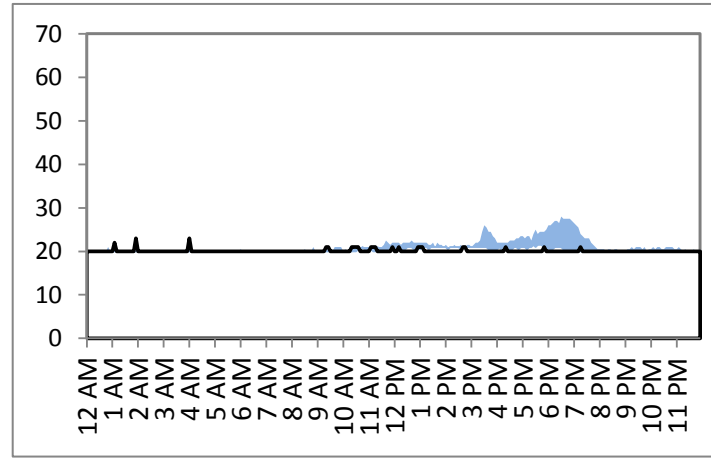
## Travel Times

Saturday, December 31, 2011

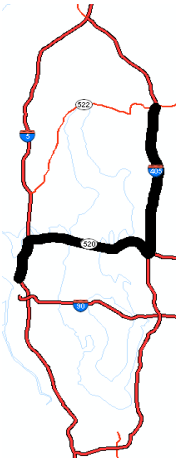
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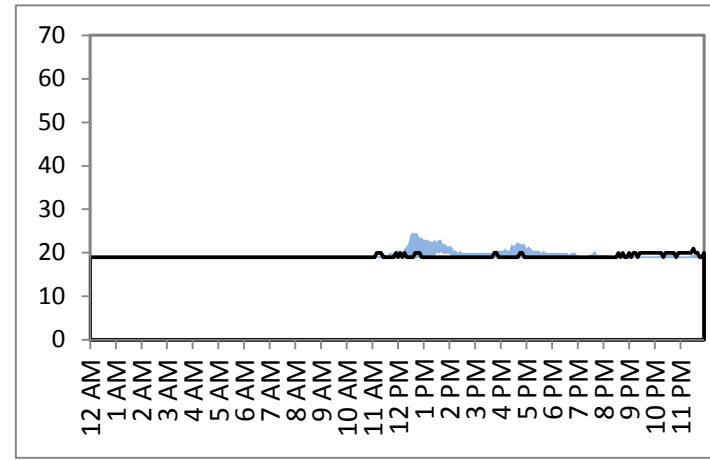
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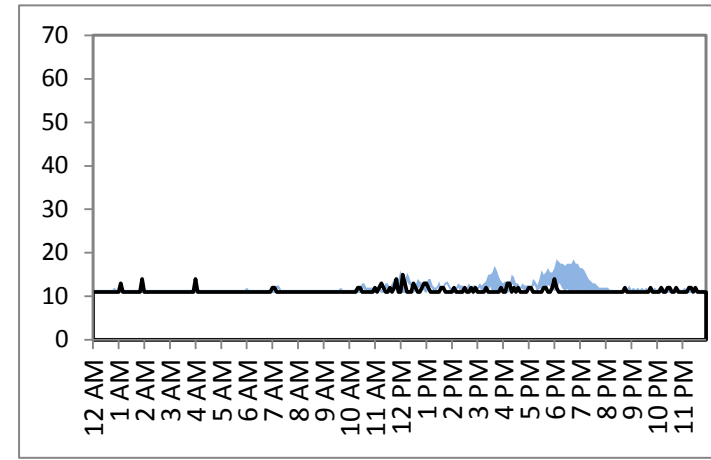
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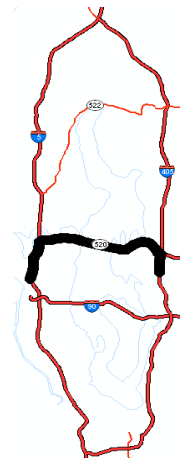
### Seattle to Woodinville



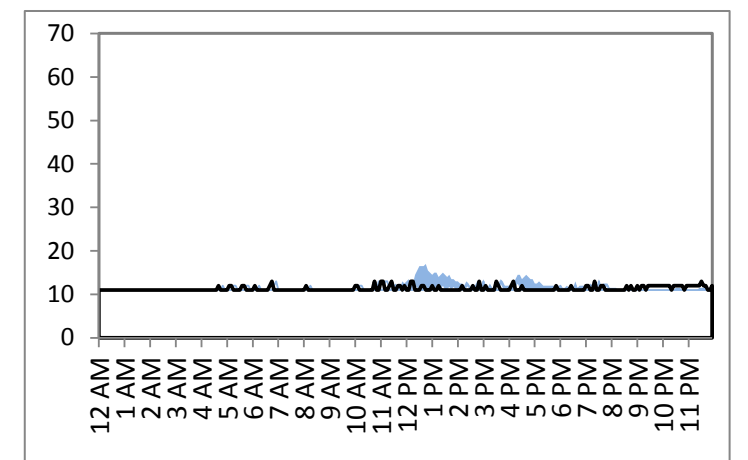
### Bellevue to Seattle



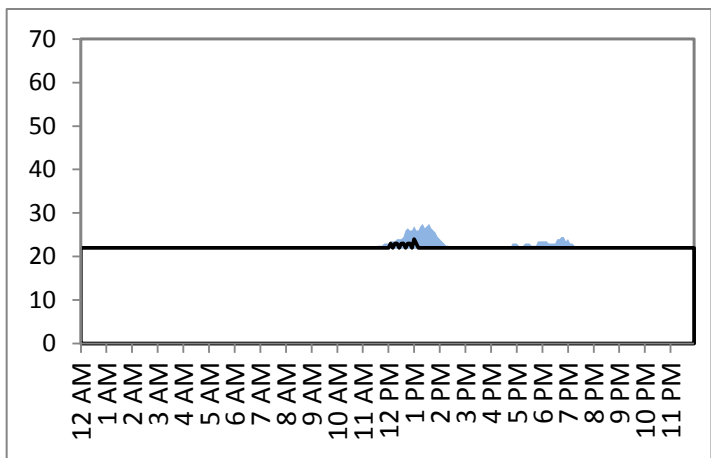
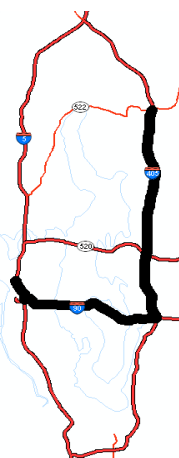
### via 520



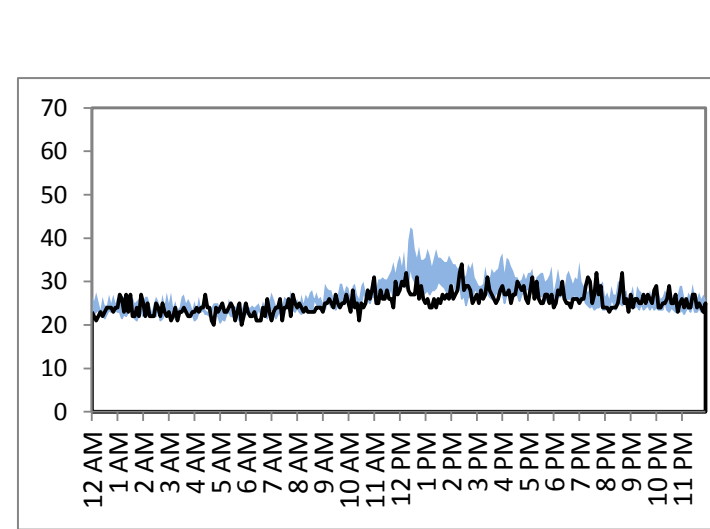
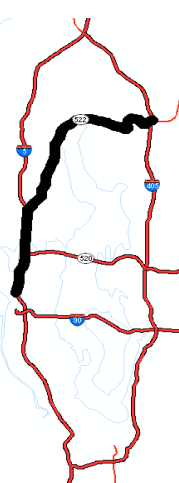
### Seattle to Bellevue



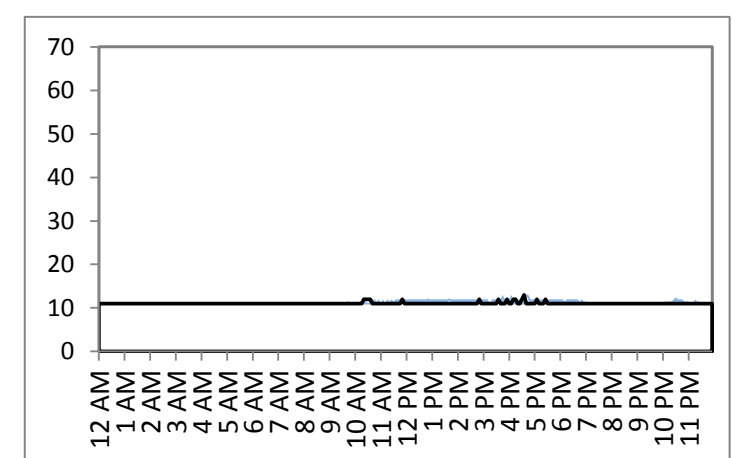
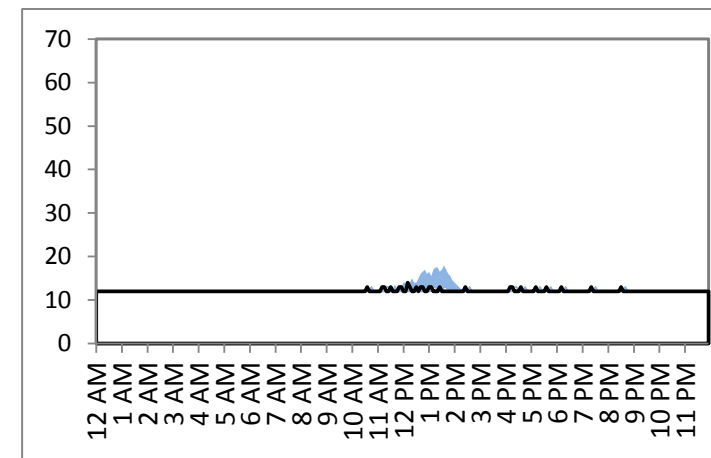
### via I-90



### via SR 522



### via I-90



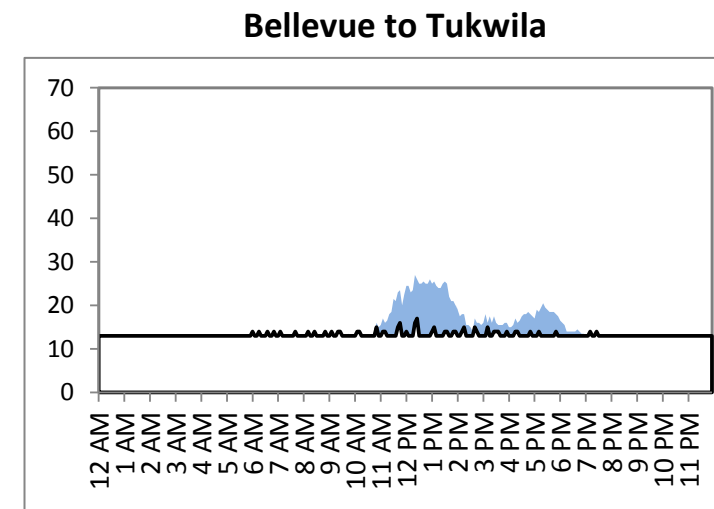
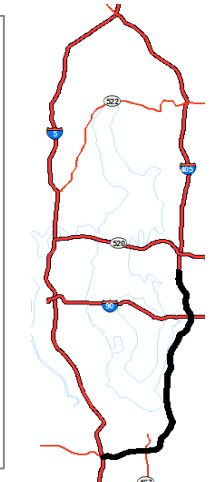
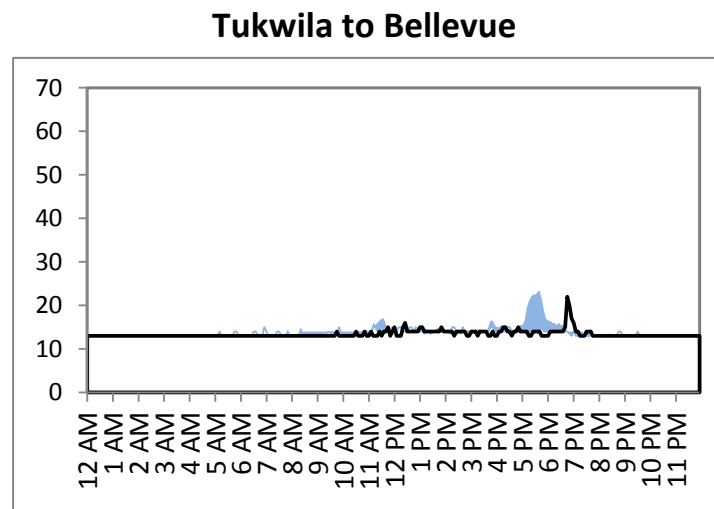
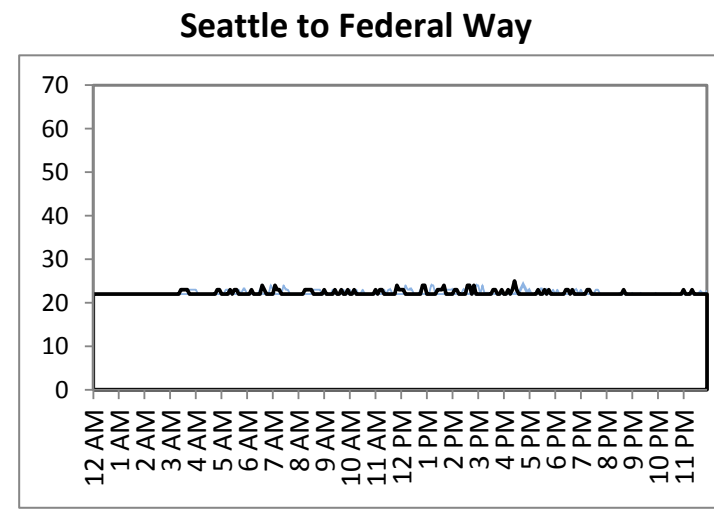
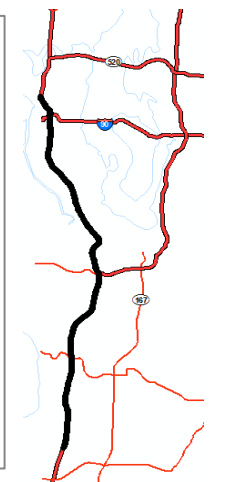
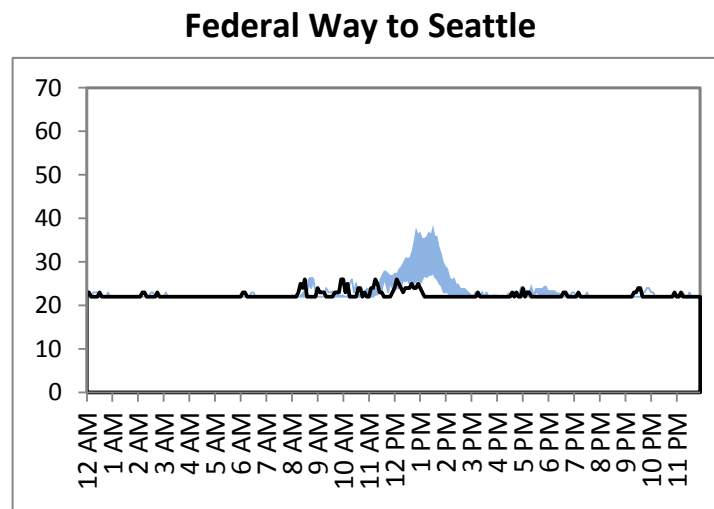
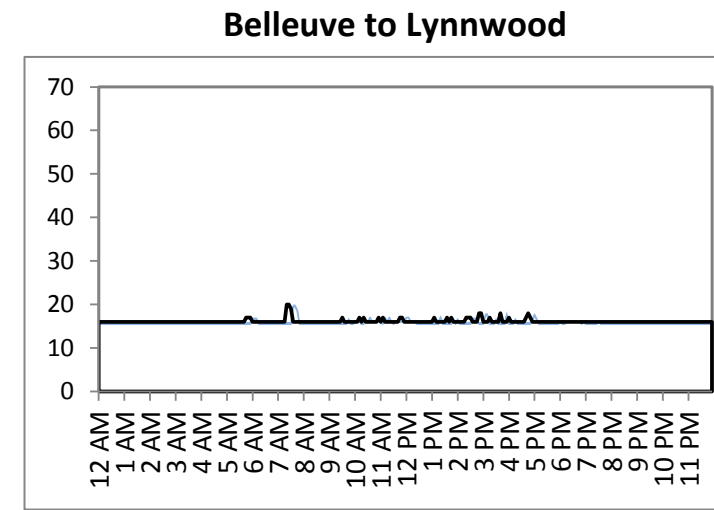
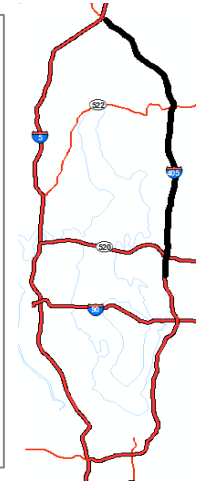
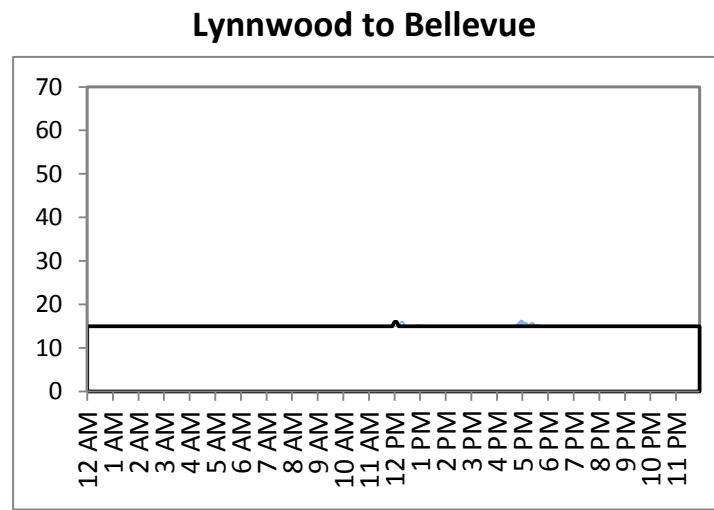
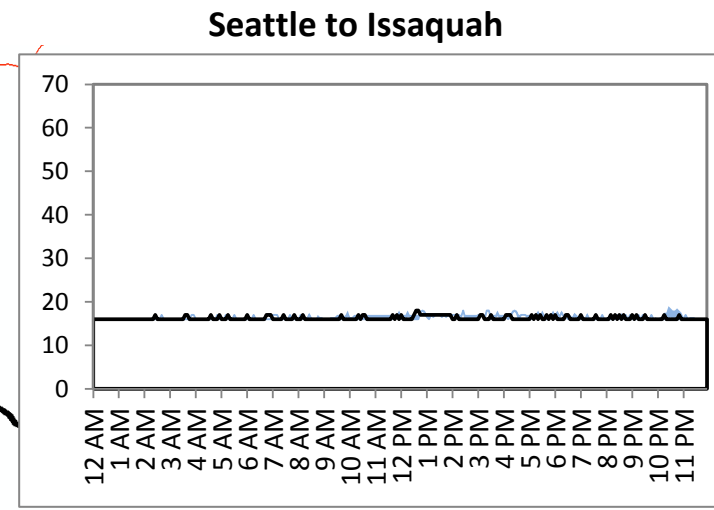
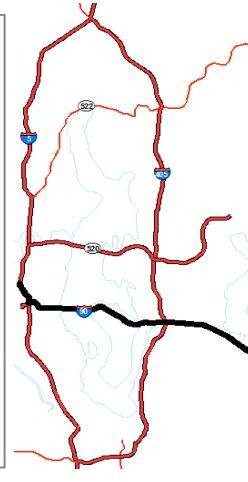
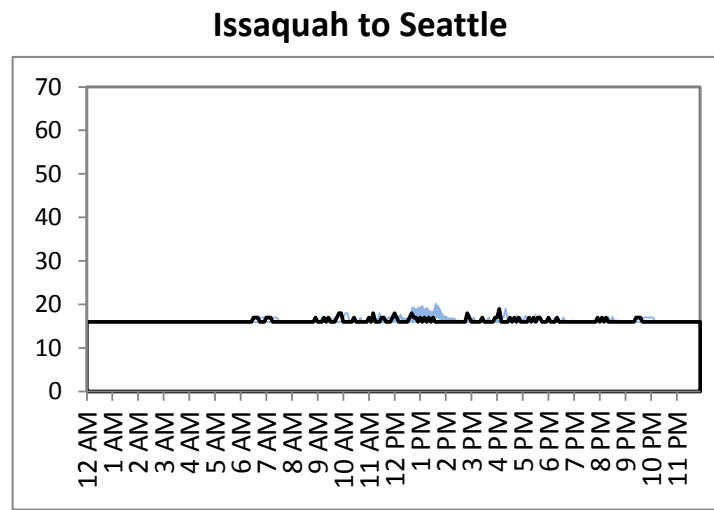
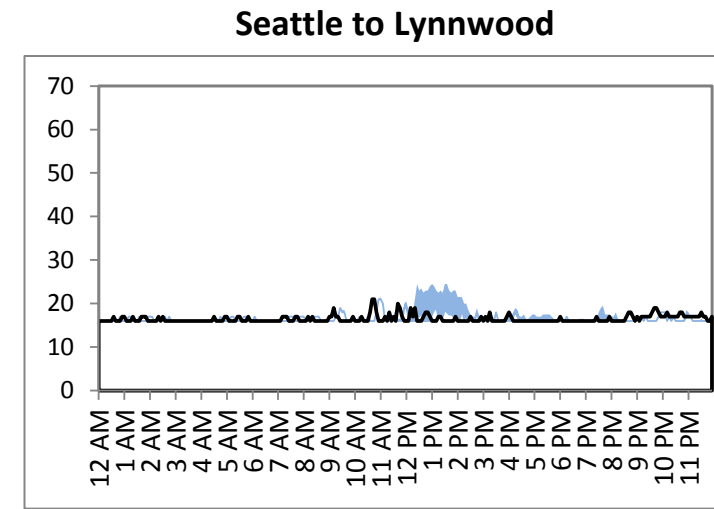
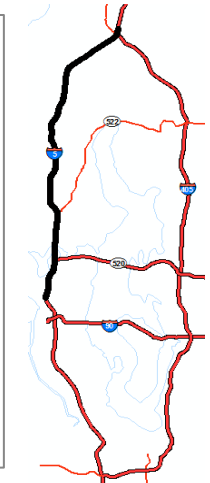
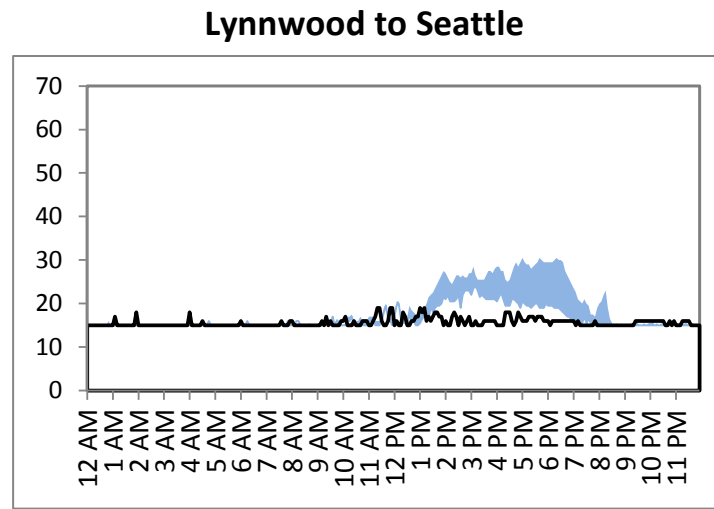
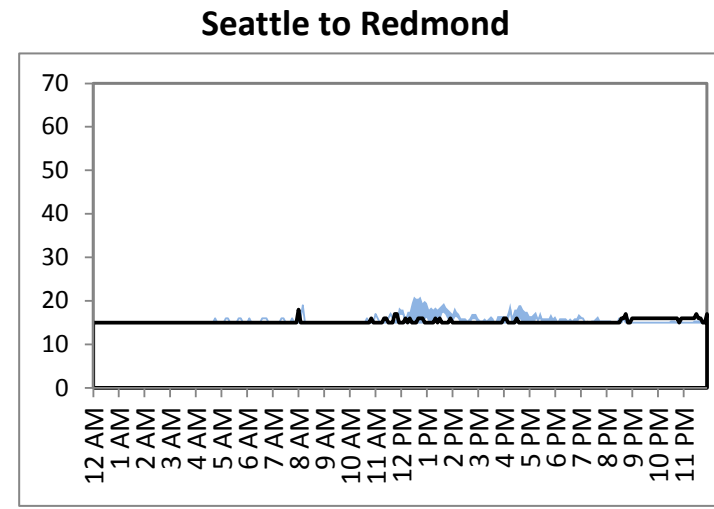
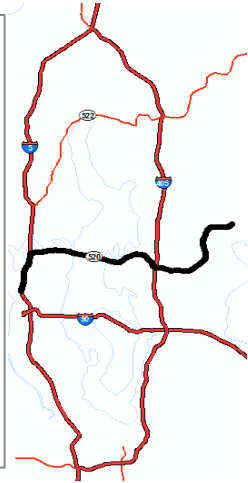
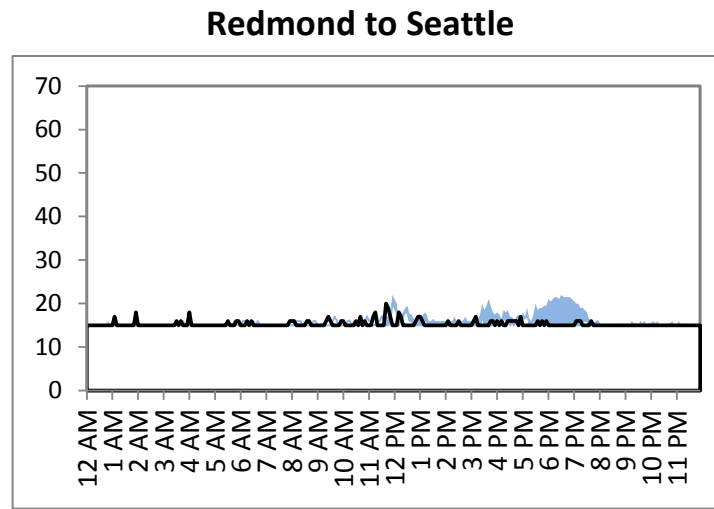
# SR 520 Tolling: Traffic Monitoring

## Travel Times

Saturday, December 31, 2011

— Saturday, December 31, 2011

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



**SR 520 Tolling: Traffic Monitoring**

**Congestion Contours**

**Saturday, December 31, 2011**

- free flow
- moderate
- heavy
- stop and go



# SR 520 Tolling: Traffic Monitoring

## SR 520 Detail

Saturday, December 31, 2011

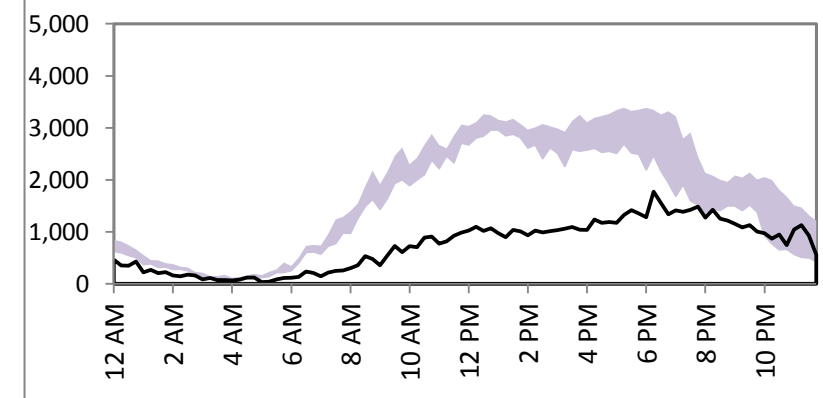
### Mainline Volume



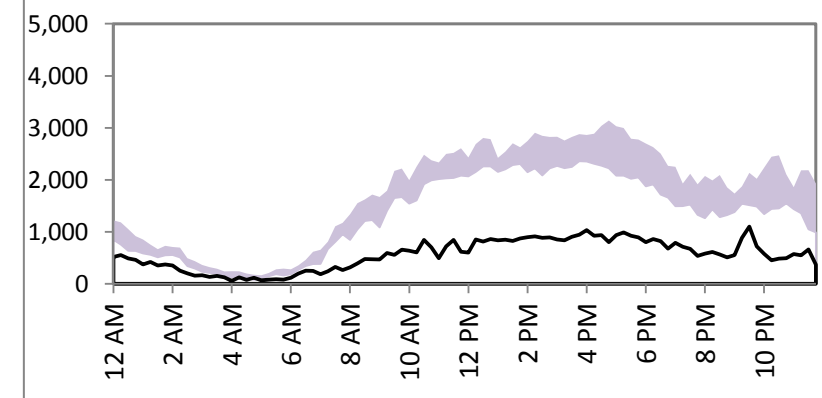
SR 520 Bridge

WB	EB
<b>-58%</b>	<b>-65%</b>
17,700	13,400
41,700	37,900

SR 520 WB Bridge



SR 520 EB Bridge



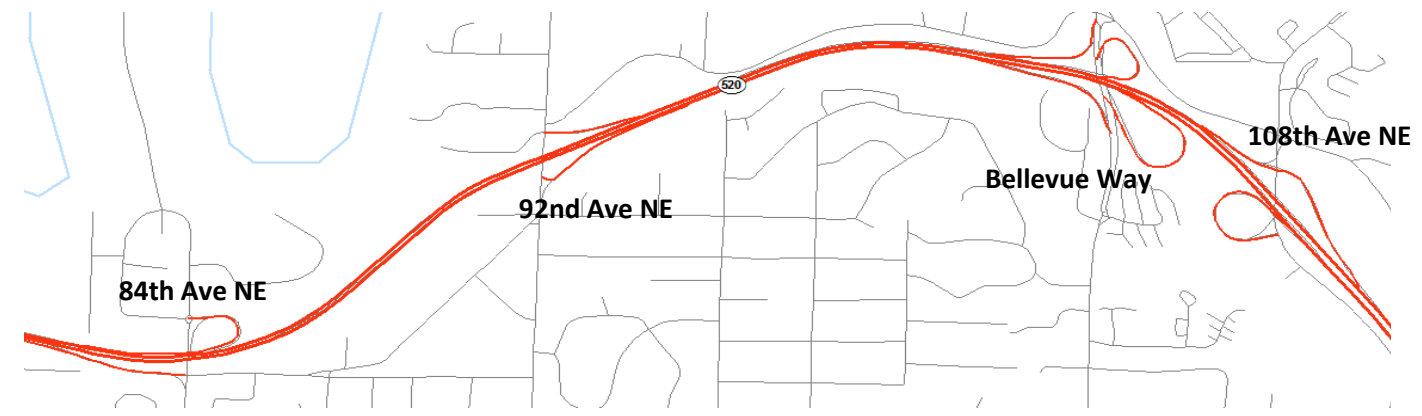
### Ramp Volume

Montlake Blvd		Lk Wa Blvd
WB on ramp	WB exit	WB exit
<b>-2%</b>	<b>-56%</b>	<b>-58%</b>
10,600	3,600	1,500
10,800	8,100	3,600

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
<b>-53%</b>	<b>-18%</b>	<b>-55%</b>	<b>-45%</b>	<b>-47%</b>	<b>-27%</b>
1,500	2,700	1,300	1,700	800	4,600
3,200	3,300	2,900	3,100	1,500	6,300



<b>-4%</b>	<b>-62%</b>	<b>-65%</b>
10,100	3,900	1,100
10,500	10,200	3,100
EB exit	EB on ramp	EB on ramp
<b>Montlake Blvd</b>	<b>Lk Wa Blvd</b>	



<b>-53%</b>	<b>-26%</b>	<b>-56%</b>	<b>-27%</b>
1,500	2,800	2,900	4,300
3,200	3,800	6,600	5,900
EB exit	EB on ramp	EB exit	EB on ramp
<b>84th Ave NE</b>	<b>92nd Ave NE</b>	<b>Bellevue Way</b>	<b>108th Ave NE</b>

**SR 520 Tolling: Traffic Monitoring**

**I-90 Detail**

**Saturday, December 31, 2011**

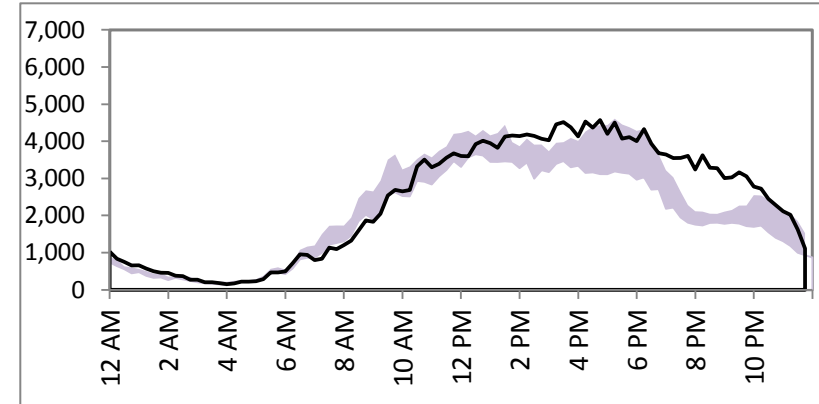
**Mainline Volume**



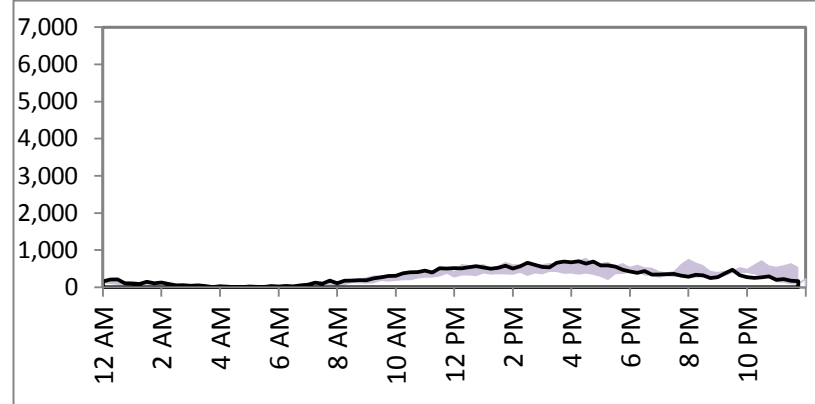
I-90 Bridge

WB	EB
<b>11%</b>	<b>-2%</b>
57,700	48,700
52,100	49,600

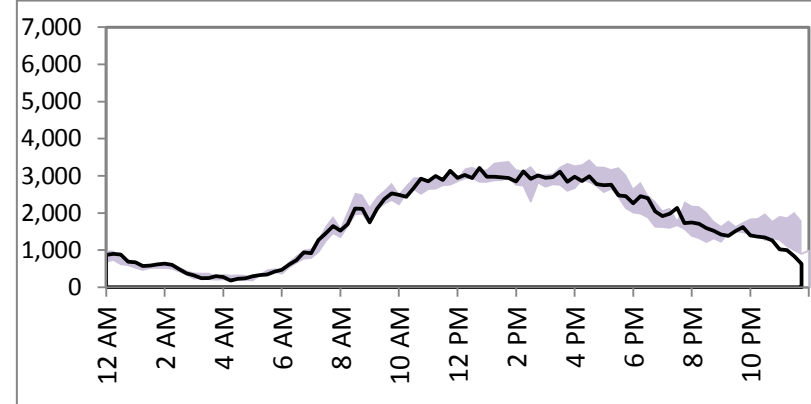
I-90 WB Bridge



I-90 REV Bridge



I-90 EB Bridge



**Bellevue Way Ramp Volume**

I-90 EB to Bellevue Way	Bellevue Way to I-90 WB
<b>4%</b>	<b>6%</b>
5,900	6,700
5,700	6,300

# SR 520 Tolling: Traffic Monitoring

## SR 522 Detail

**Saturday, December 31, 2011**

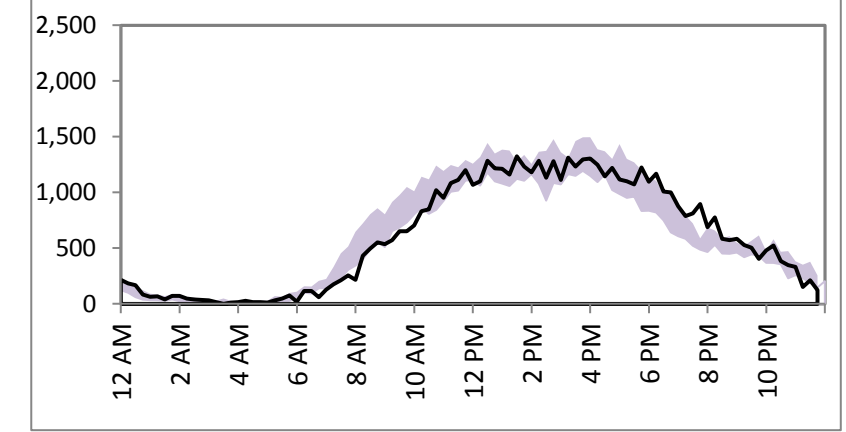
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### Mainline Volume

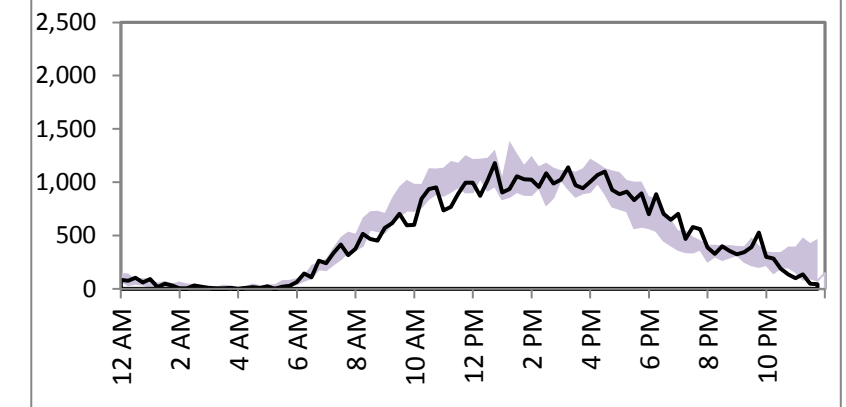


83rd PI NE	
WB	EB
-5%	-6%
14,500	11,700
15,200	12,400

SR 522 WB at 83rd Ave NE

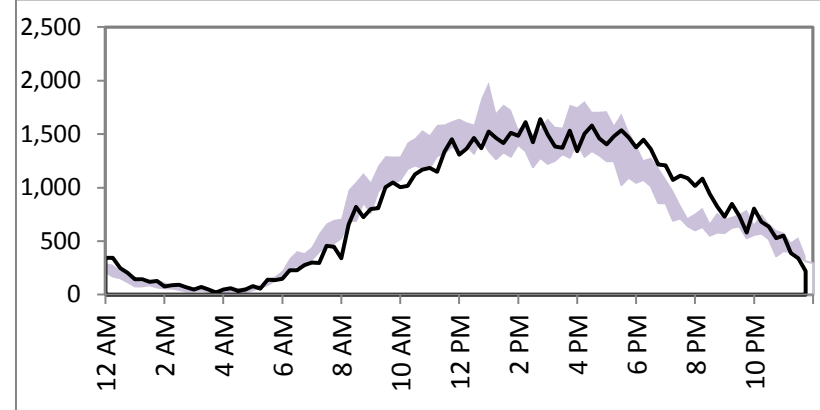


SR 522 EB at 83rd Ave NE



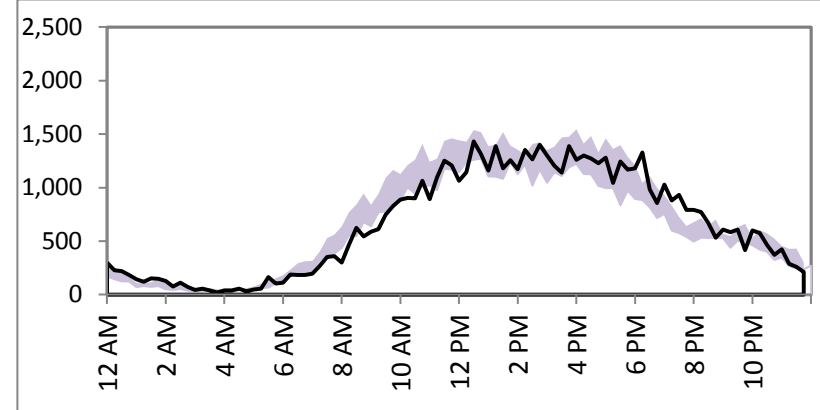
68th Ave NE	
WB	EB
0%	-8%
19,200	13,100
19,200	14,200

SR 522 WB at 68th Ave NE



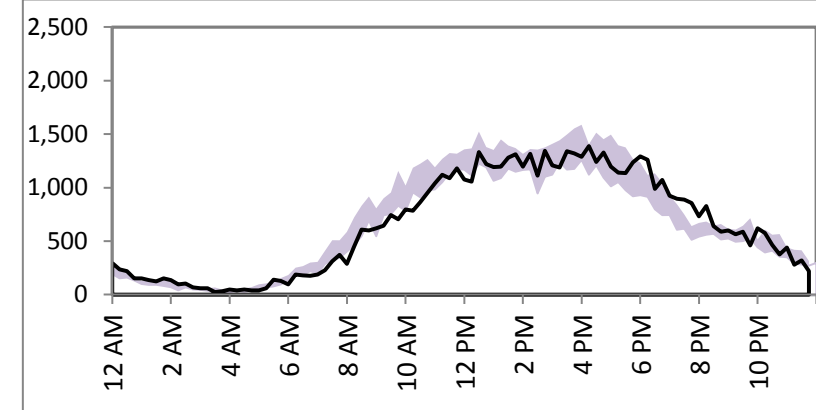
73rd Ave NE	
WB	EB
-5%	-6%
15,900	14,500
16,700	15,400

SR 522 WB at 73rd Ave NE



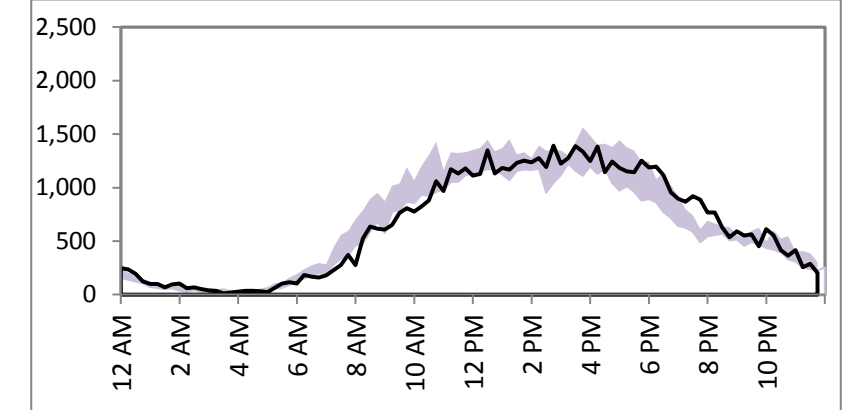
77th Ct NE	
WB	EB
-7%	-9%
15,700	14,300
16,800	15,700

SR 522 WB at 77th Ct NE

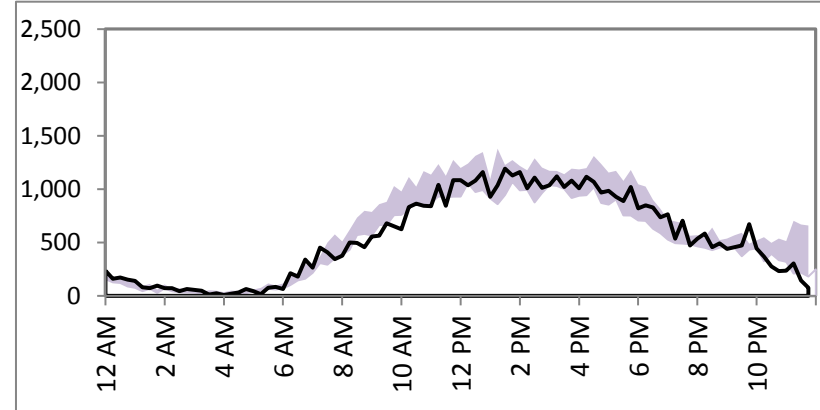


80th Ave NE	
WB	EB
-6%	-8%
15,500	13,400
16,500	14,500

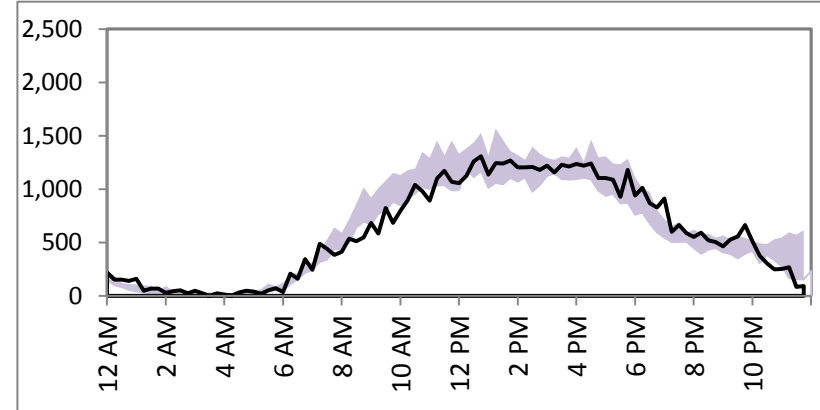
SR 522 WB at 80th Ave NE



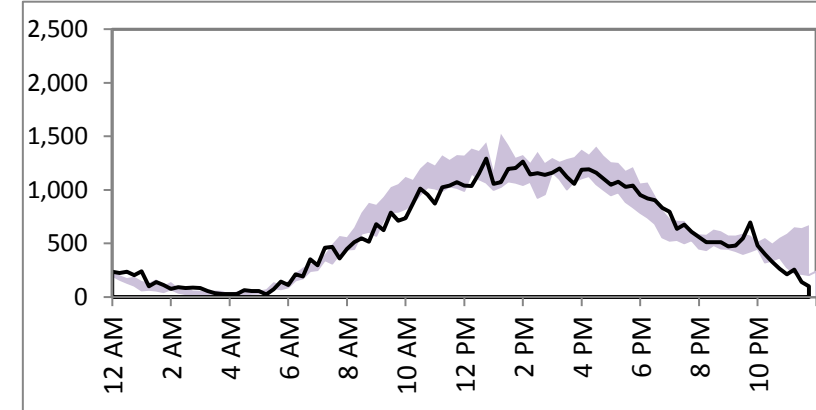
SR 522 EB at 68th Ave NE



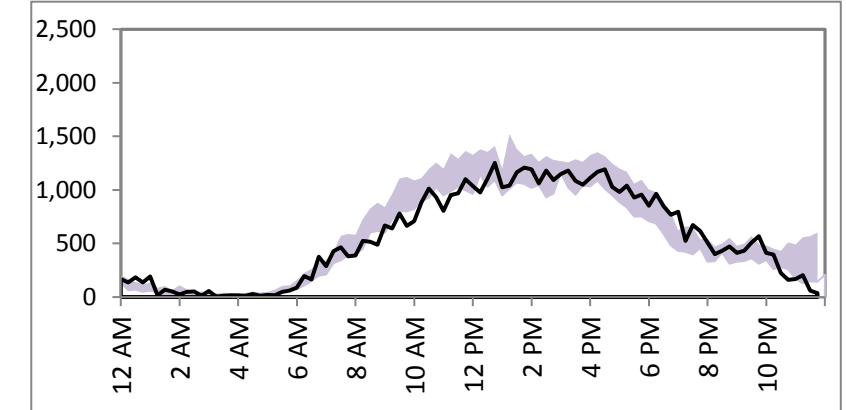
SR 522 EB at 73rd Ave NE



SR 522 EB at 77th Ct NE



SR 522 EB at 80th Ave NE

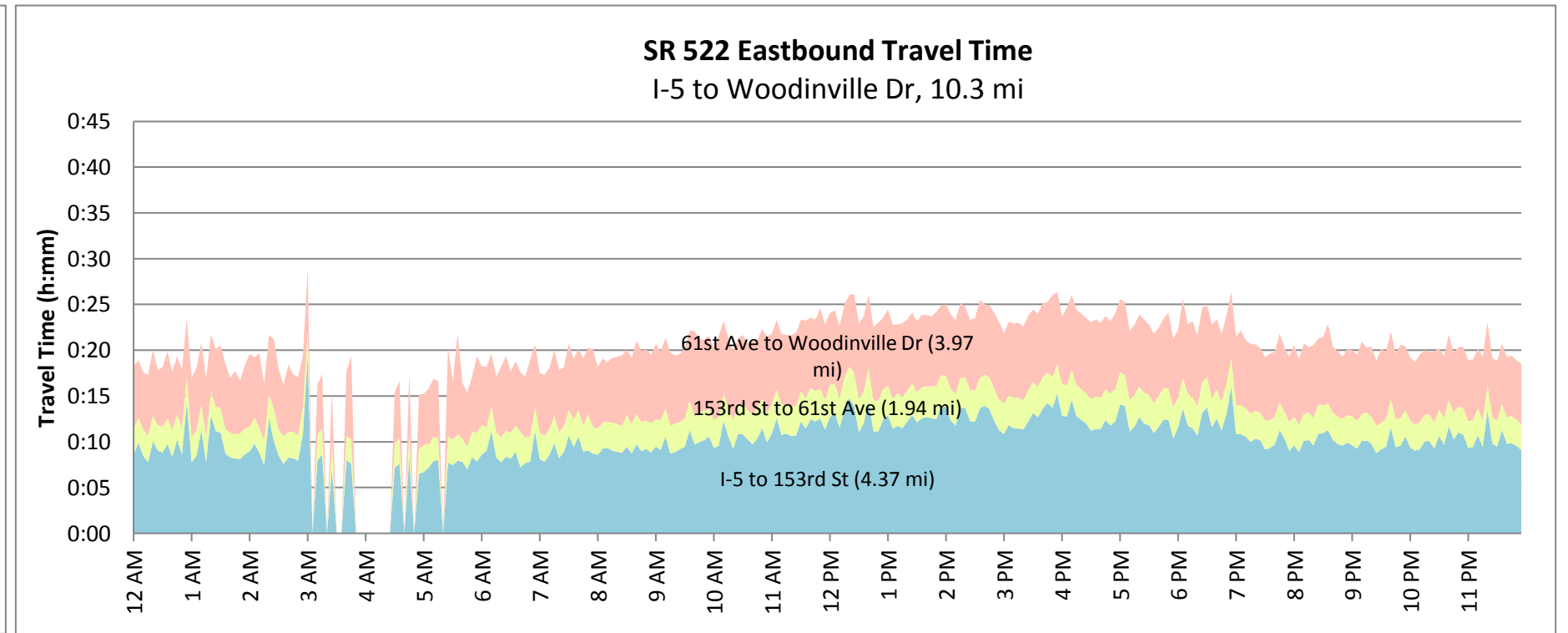
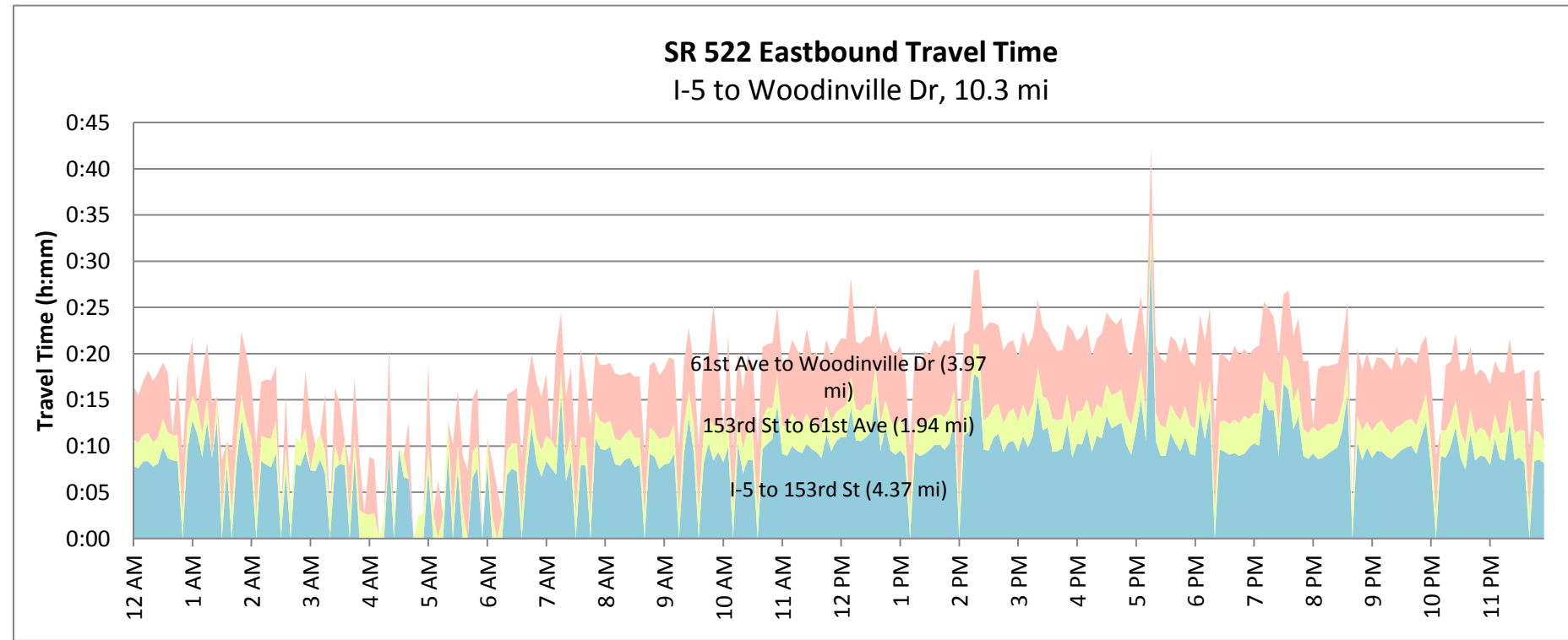
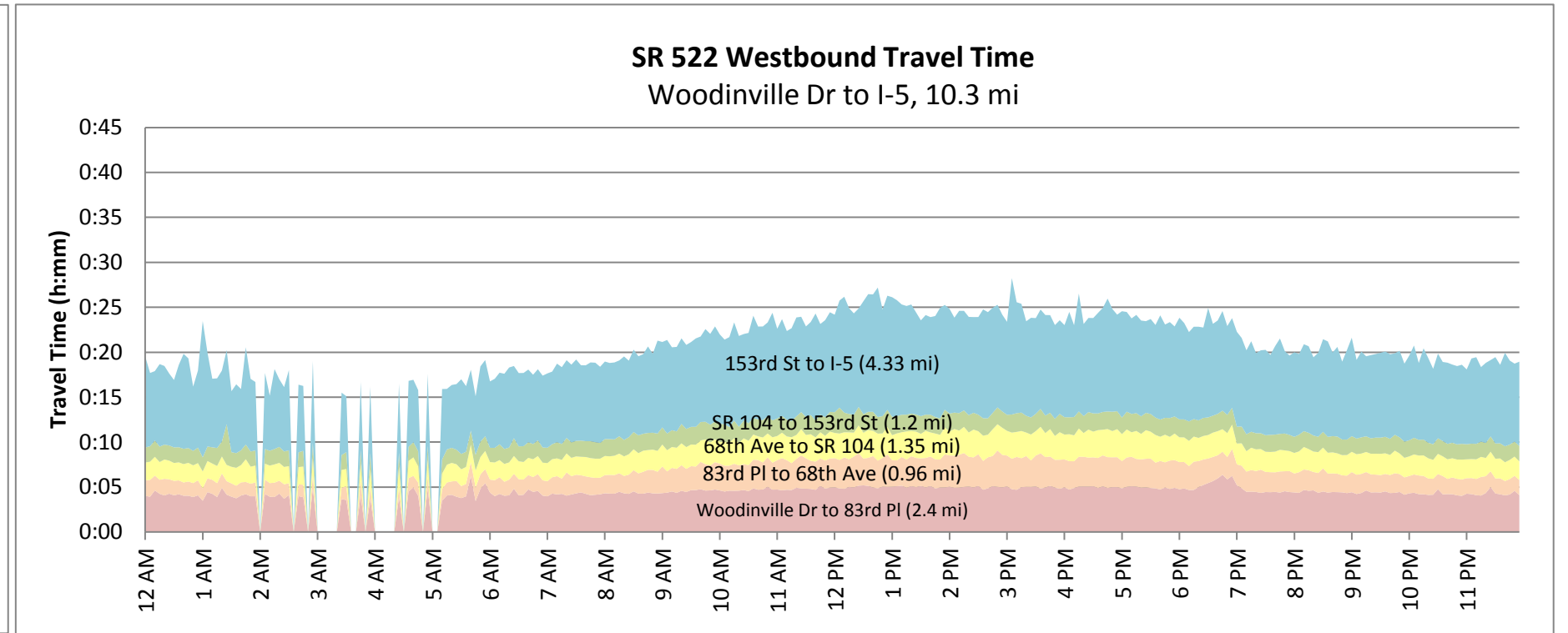
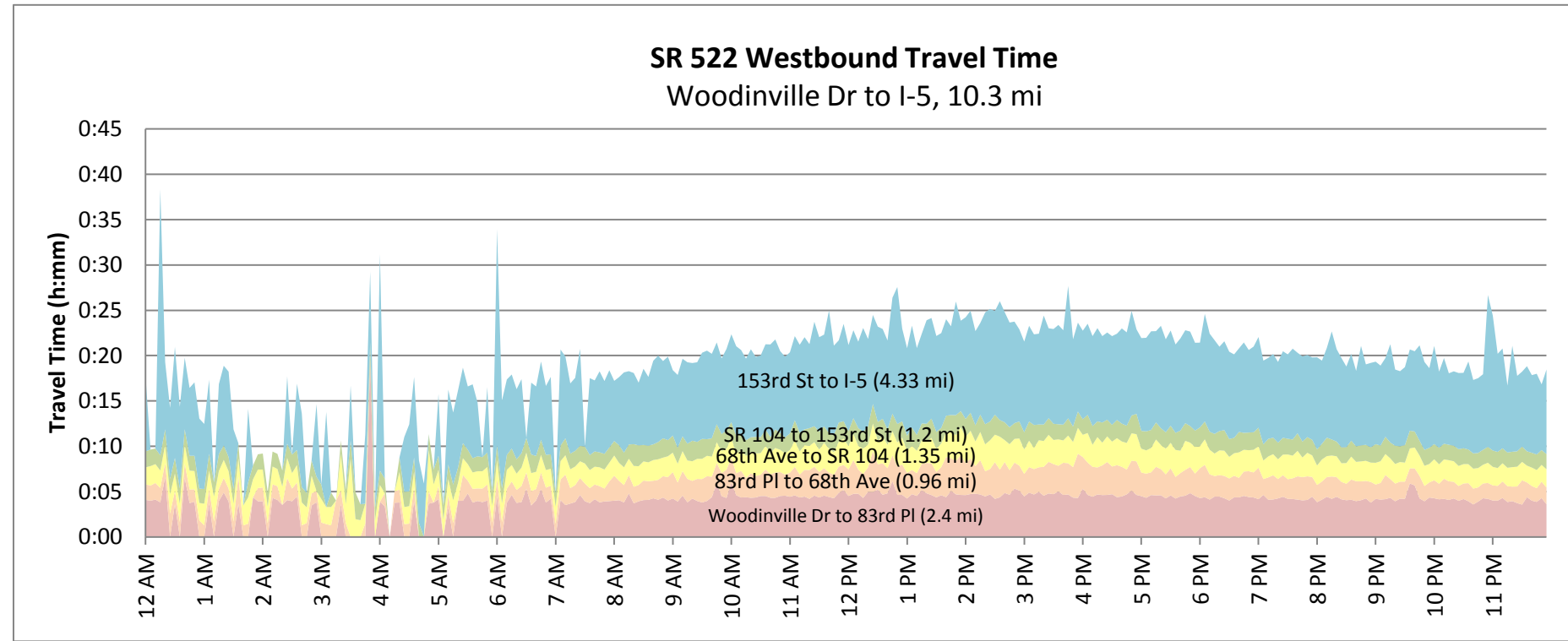


# SR 520 Tolling: Traffic Monitoring

## SR 522 Travel Times

Saturday, December 31, 2011

Sat, 10/29-11/18 & 11/26-12/16



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