



## **SR 520 Tolling: Traffic Monitoring**

**Thursday, December 29, 2011**

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

### **Daily Volume:**

<b>% change</b>
<b>12/29/2011</b>
<b>baseline</b>

### SR 520 Bridge

<b>-60%</b>
<b>44,300</b>
<b>110,000</b>

### I-90 Bridge

<b>3%</b>
<b>141,600</b>
<b>137,900</b>

### SR 522 at 83rd Ave NE

<b>-1%</b>
<b>33,800</b>
<b>34,100</b>

### **Traffic Summary:**

Volume on SR 520 were down substantially, and volume on I-90 and SR 522 was similar to a normal weekday that isn't in a holiday week. Volumes on I-5 and I-405 between the bridges were similar to a normal weekday, while volumes north of SR 520 were down 5-8%. AM and Midday travel times were lower than a typical weekday. PM travel times on I-90 and SR 522 were similar to a non-holiday weekday.

### **Major Incidents:**

Southbound I-5 at Ship Canal bridge, maintenance pothole repair in lane 2 at 12:18 pm to 12:30 pm.  
Eastbound SR 520 just east of I-5, collision blocking lane 1 from 6:13 to 6:17 pm.  
Southbound I-405 at SE 8th St, disabled vehicle blocking left center lane from 6:26 to 6:28 pm.

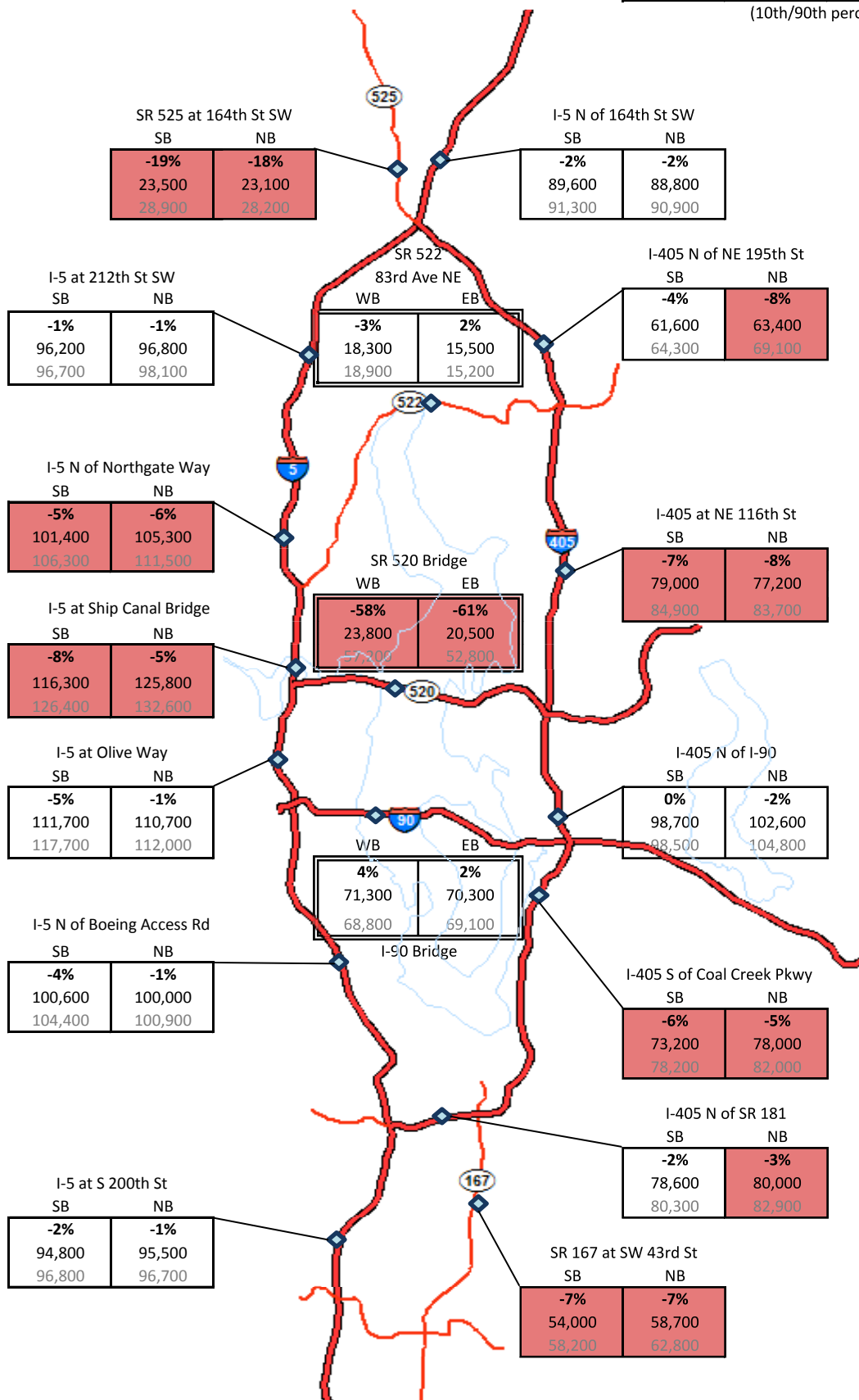
### **Special Events:**

Washington Huskies vs. Oregon State at 7 PM

**SR 520 Tolling: Traffic Monitoring**  
**Daily Mainline Volumes**  
**Thursday, December 29, 2011**

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

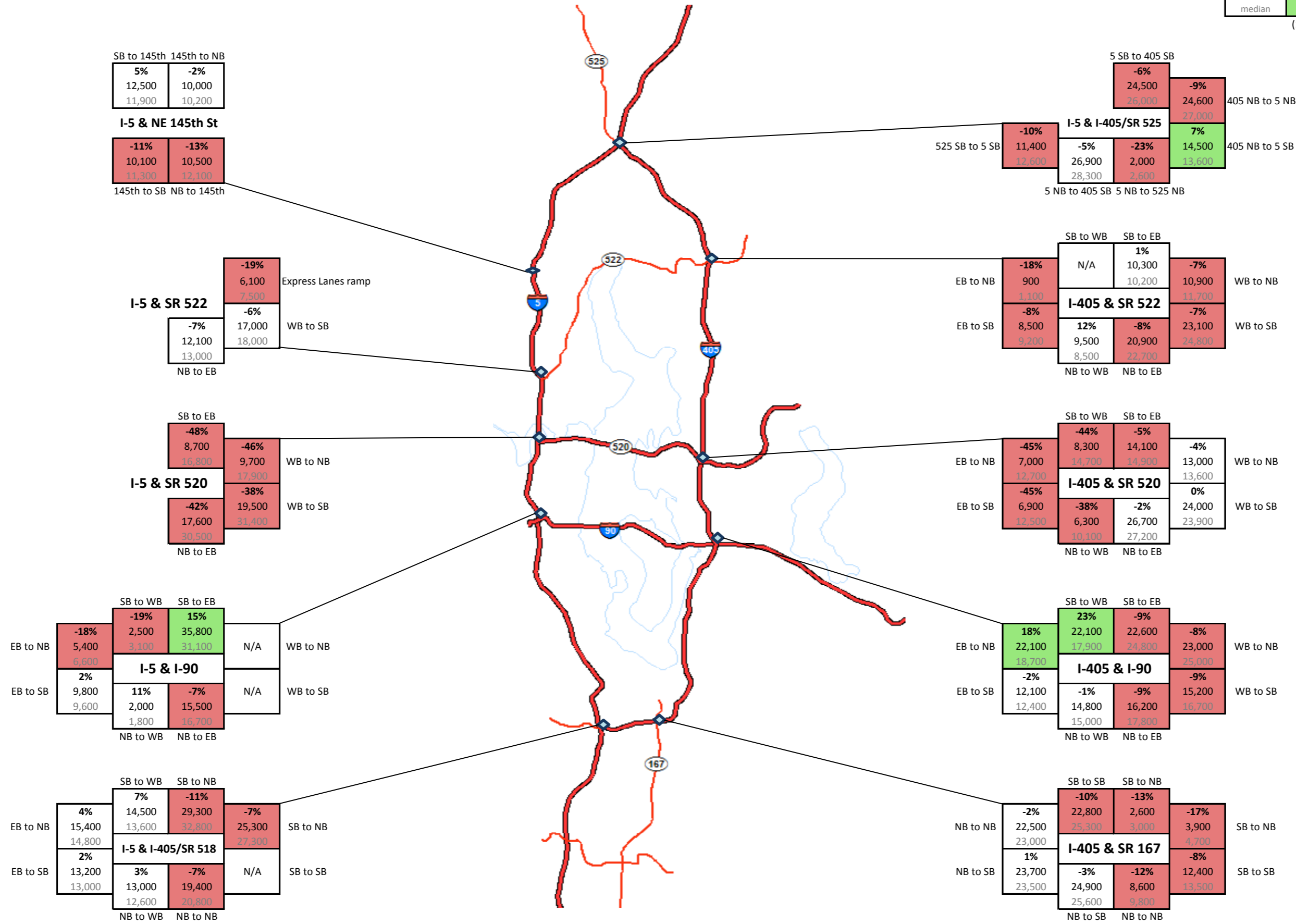
% change 12/29/2011 median	above range of typical variation	below range of typical variation
	(10th/90th percentile)	



**SR 520 Tolling: Traffic Monitoring**  
**Daily Interchange Volumes**  
**Thursday, December 29, 2011**

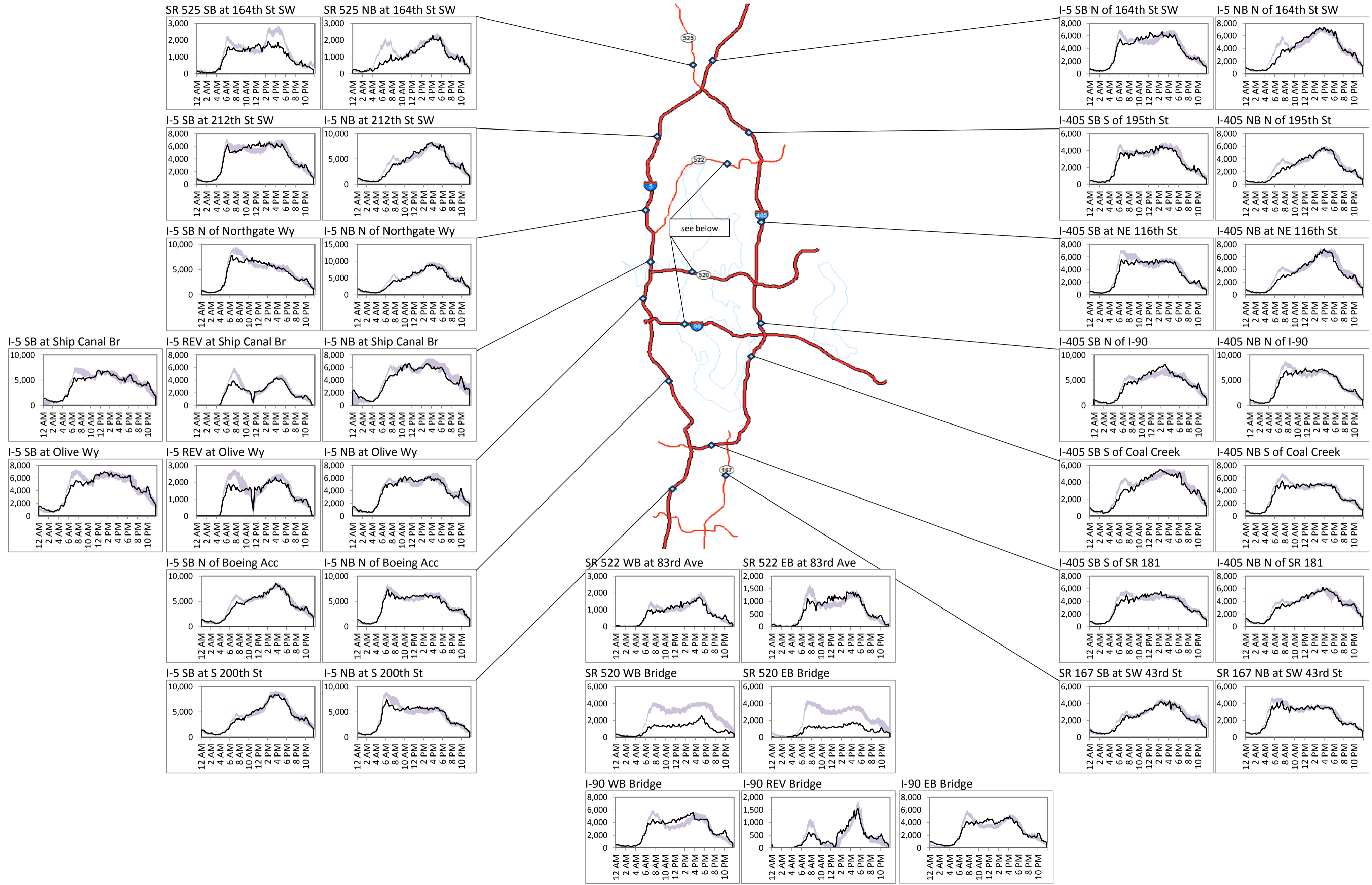
Base data: M-F, 10/29-11/18 & 11/26-12/16

% change	above range of typical variation	below range of typical variation
12/29/2011		
median	(10th/90th percentile)	



**SR 520 Tolling: Traffic Monitoring**  
**Hourly Mainline Volumes**  
**Thursday, December 29, 2011**

— Thursday, December 29, 2011  
 ■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)



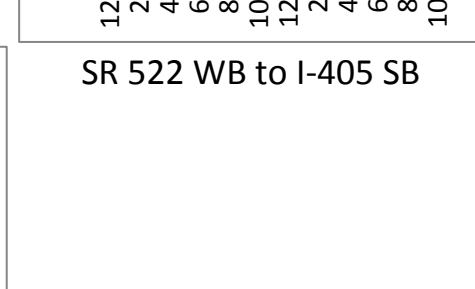
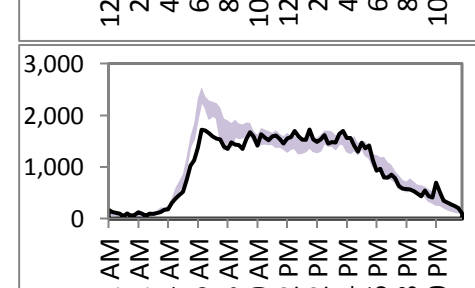
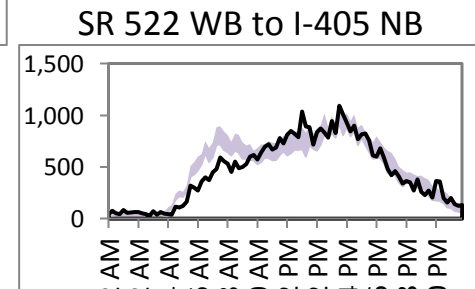
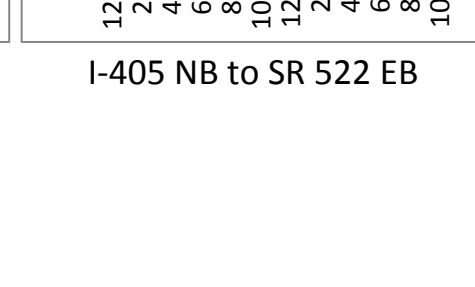
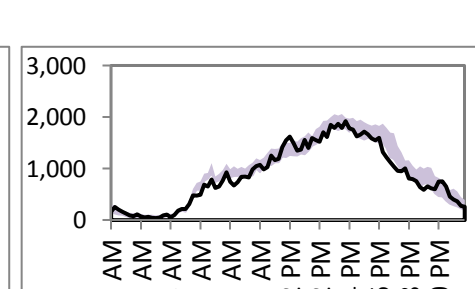
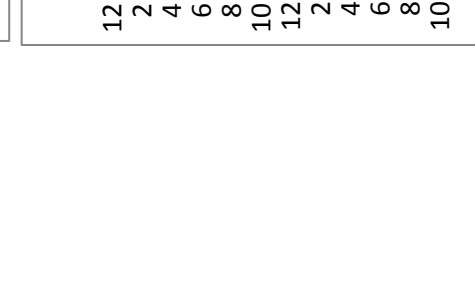
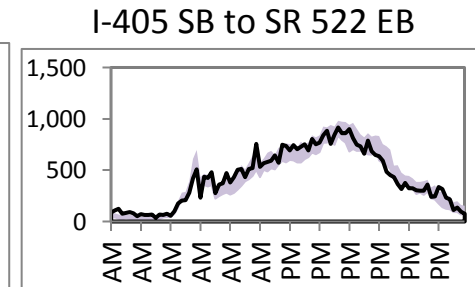
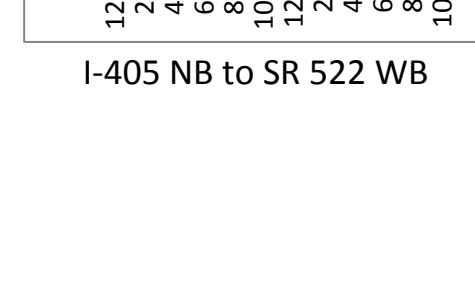
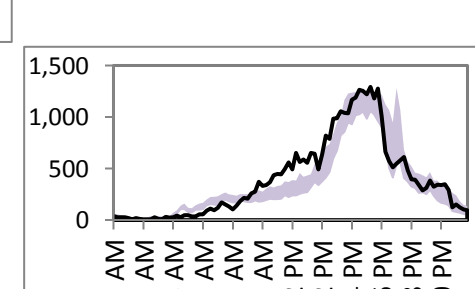
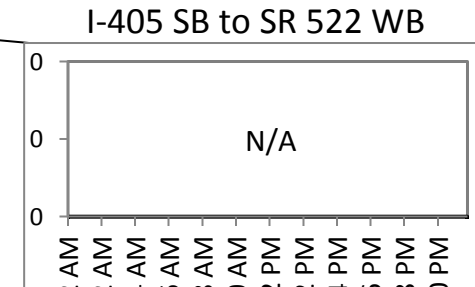
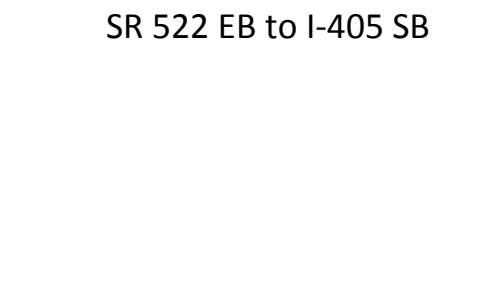
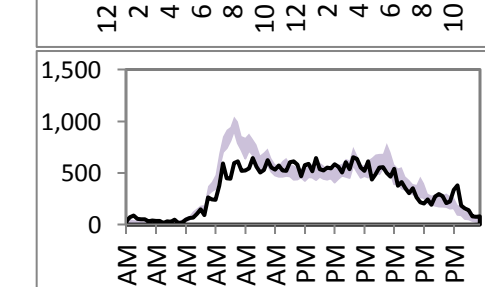
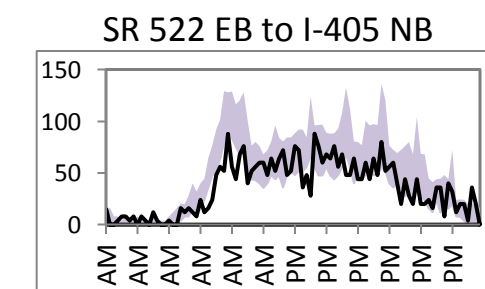
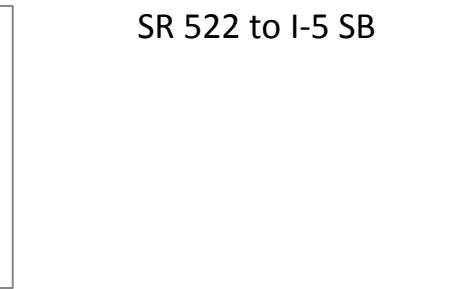
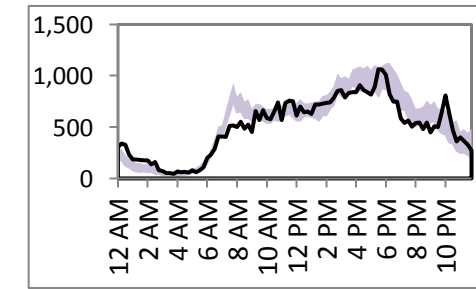
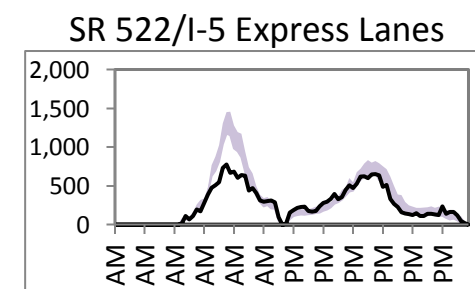
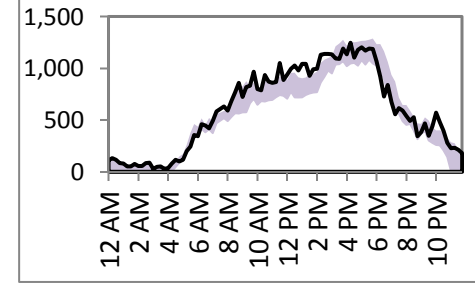
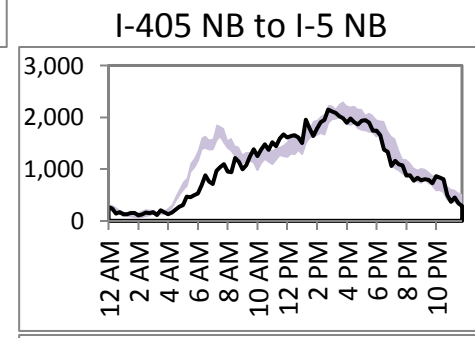
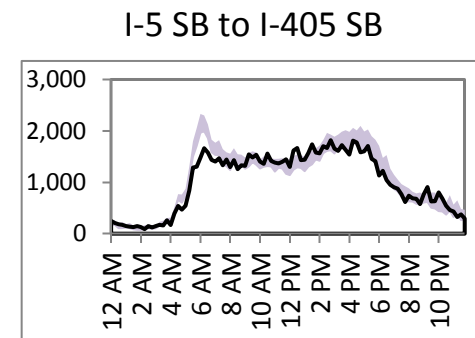
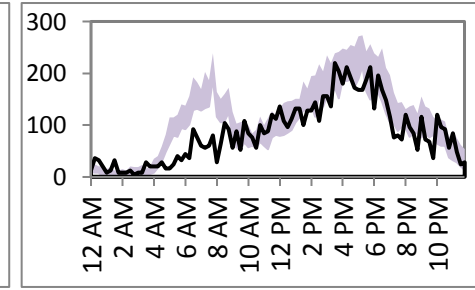
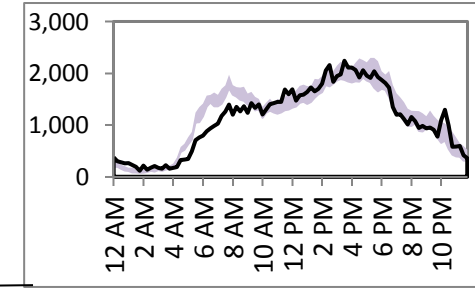
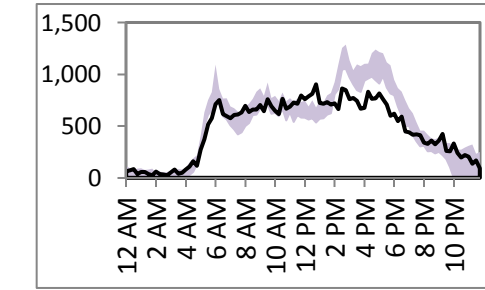
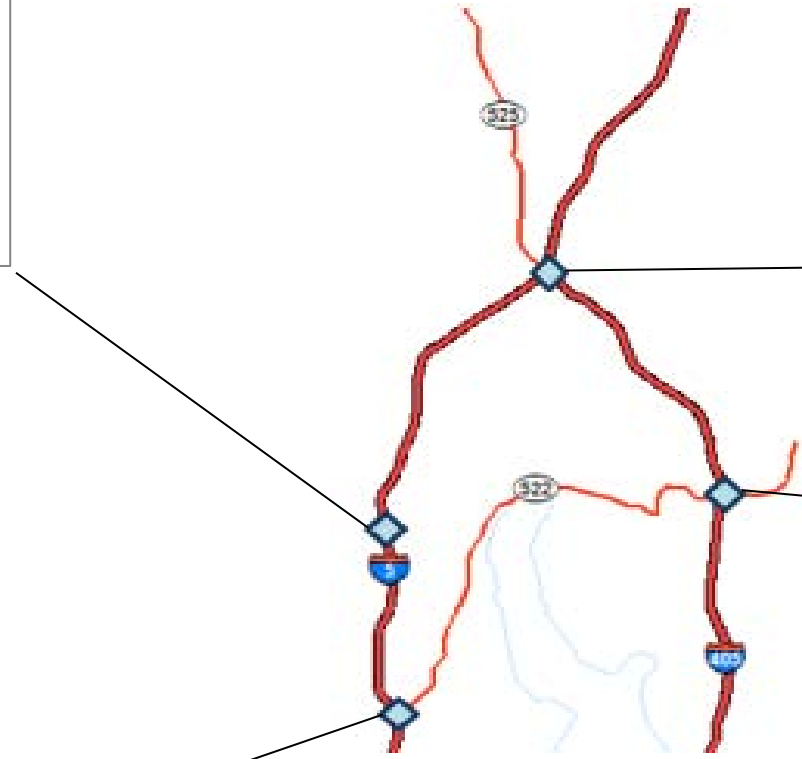
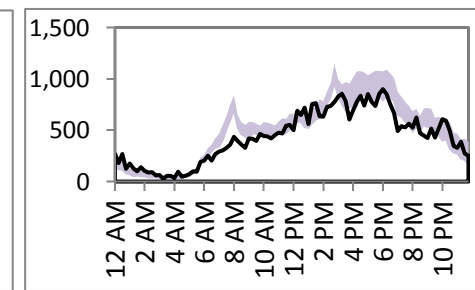
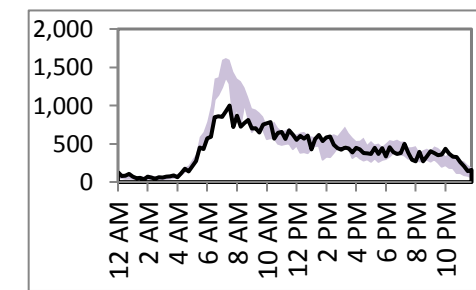
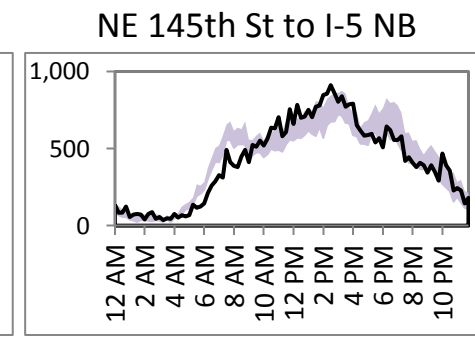
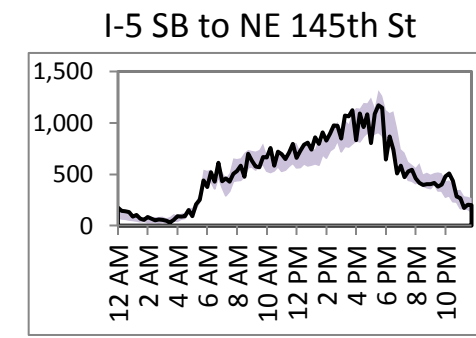
# SR 520 Tolling: Traffic Monitoring

## Hourly Interchange Volumes

Thursday, December 29, 2011

— Thursday, December 29, 2011

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



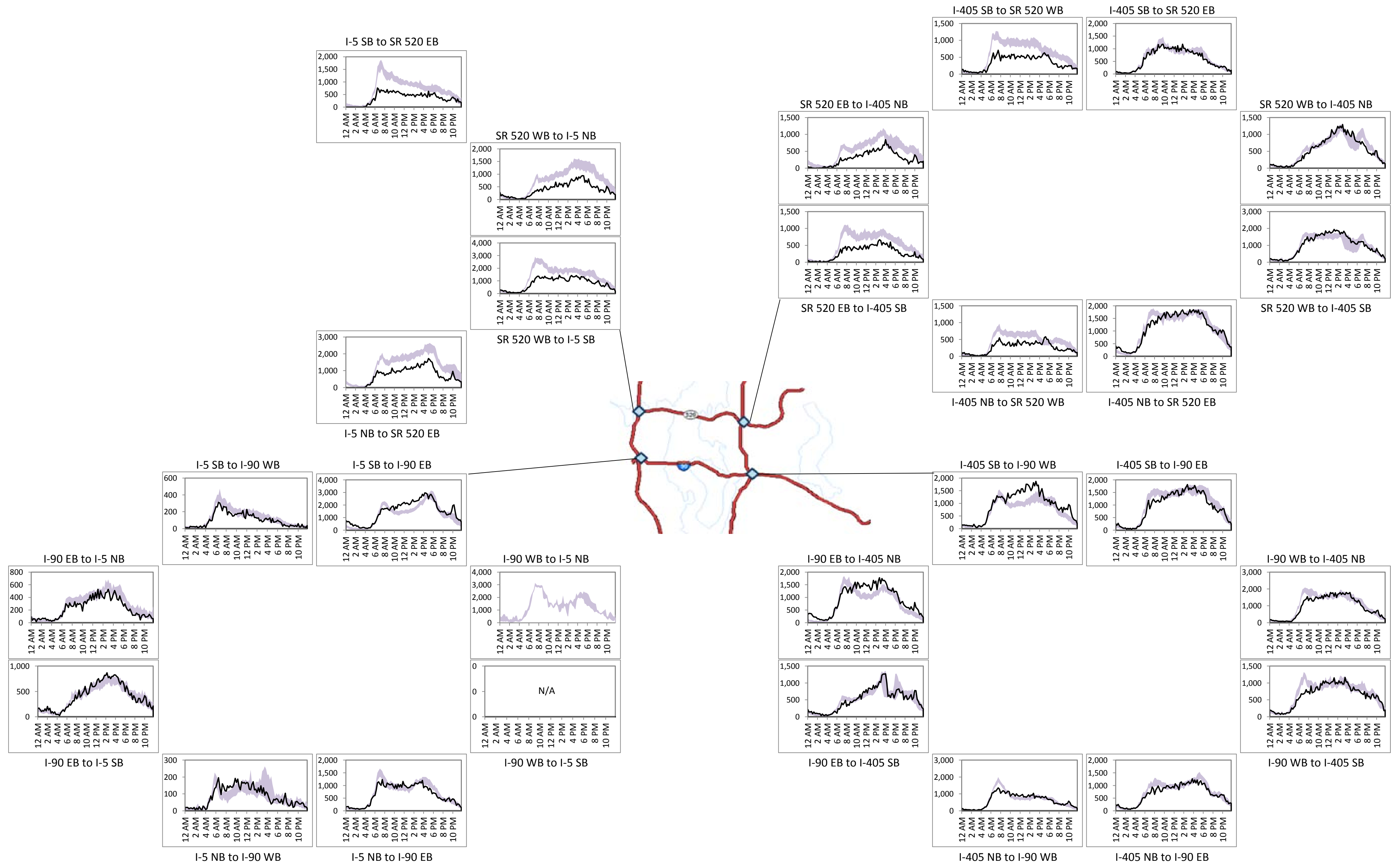
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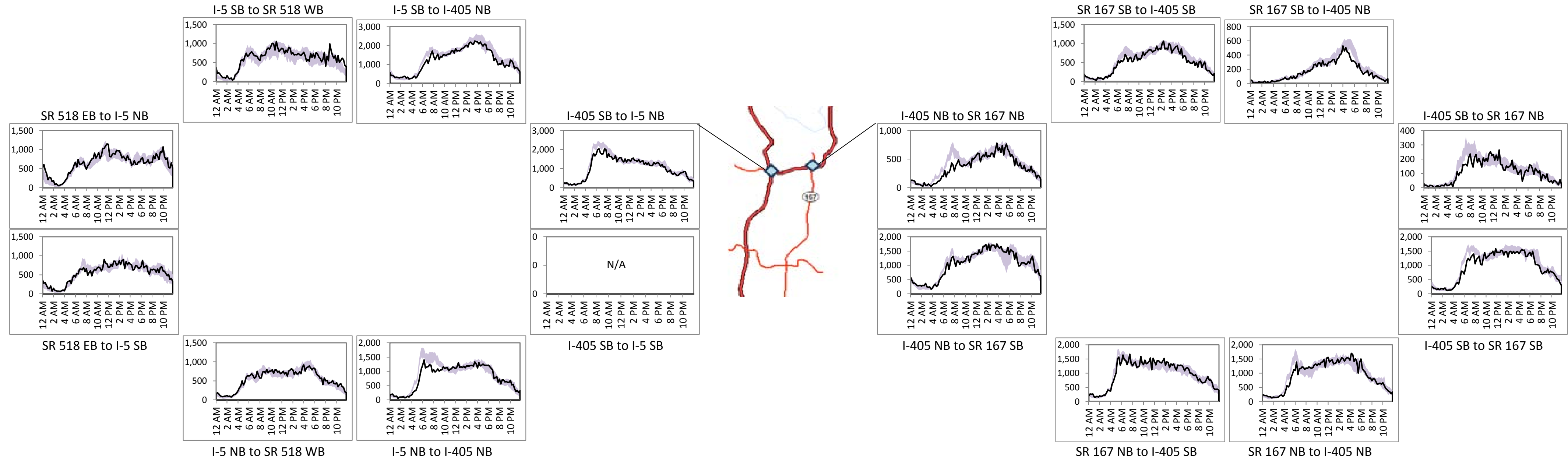
# SR 520 Tolling: Traffic Monitoring

## Hourly Interchange Volumes

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# SR 520 Tolling: Traffic Monitoring

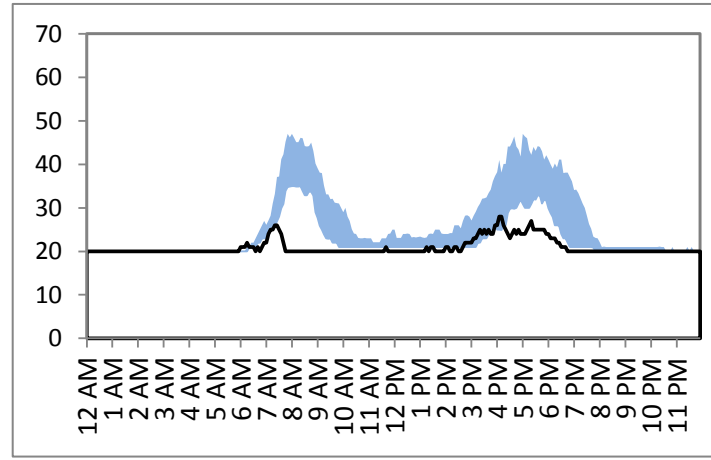
## Travel Times

Thursday, December 29, 2011

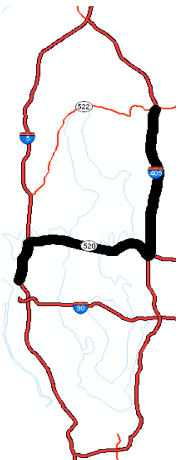
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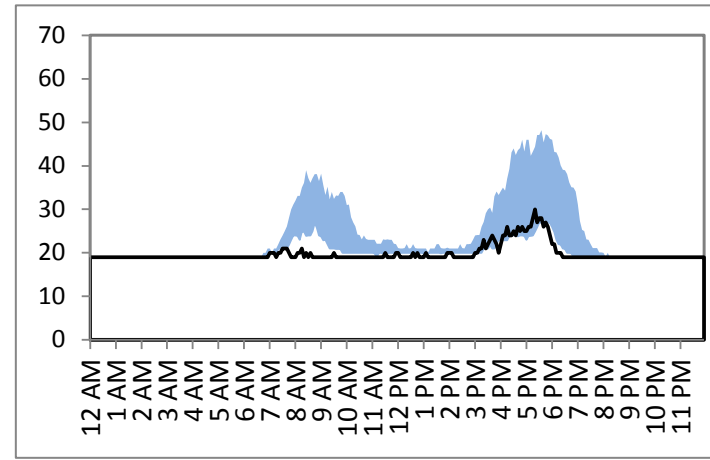
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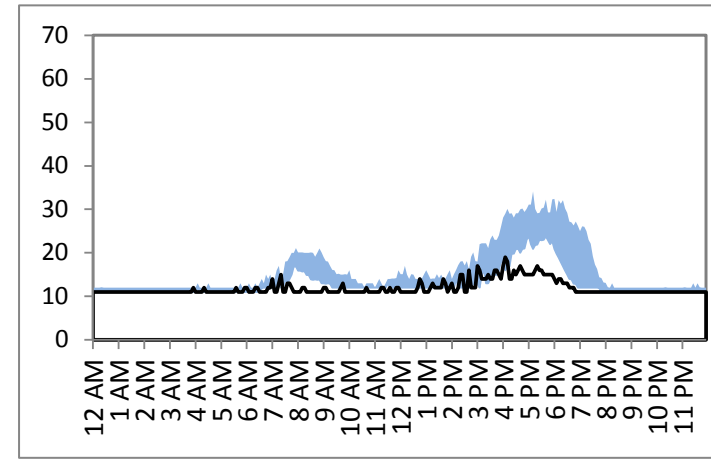
### via 520



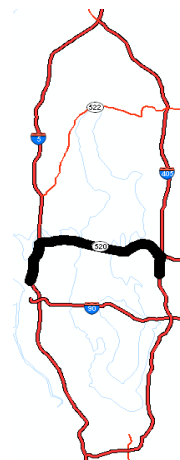
### Seattle to Woodinville



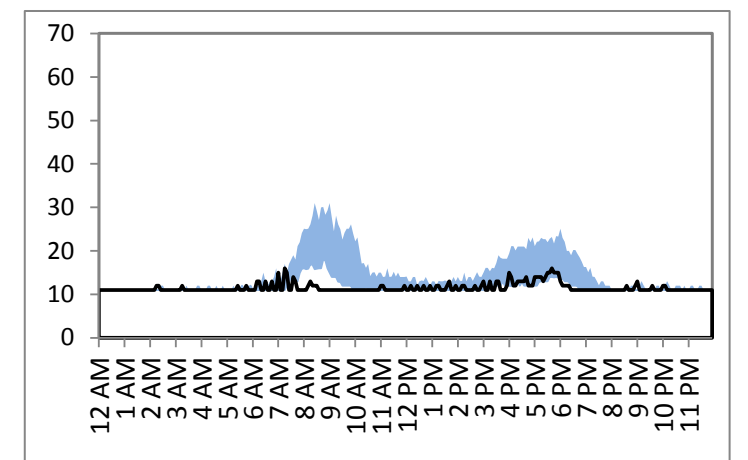
### Bellevue to Seattle



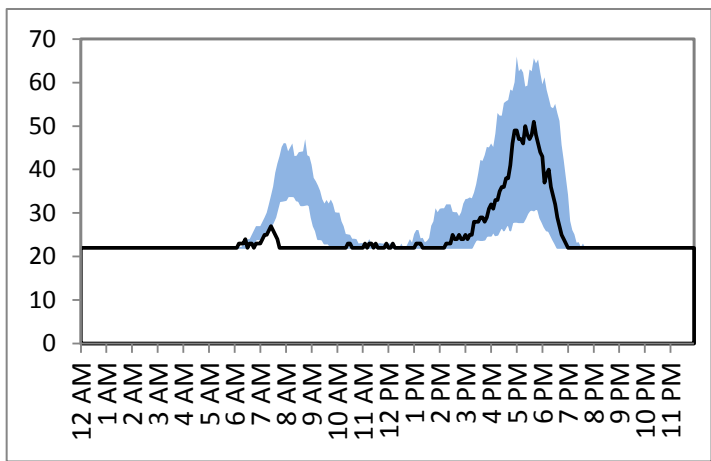
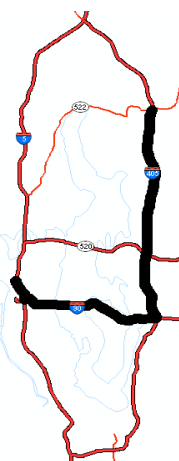
### via 520



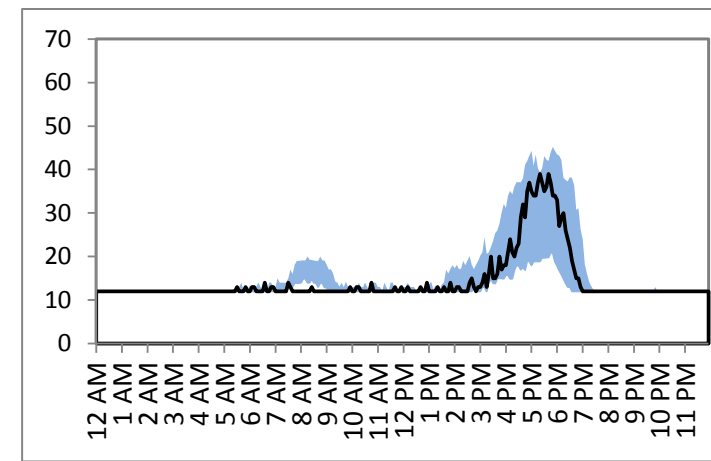
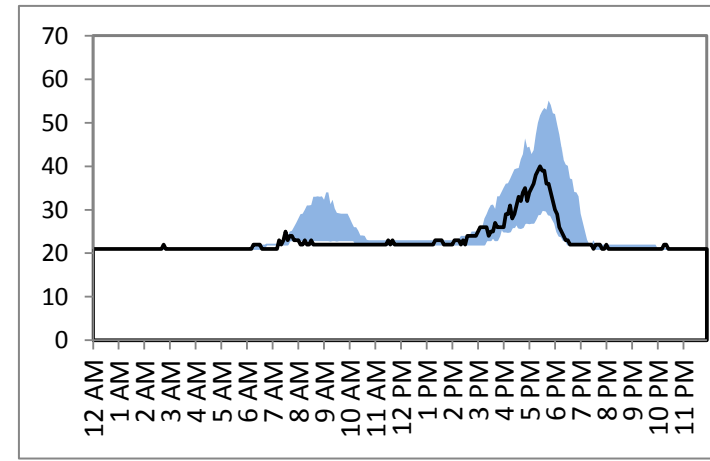
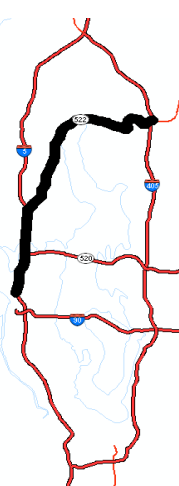
### Seattle to Bellevue



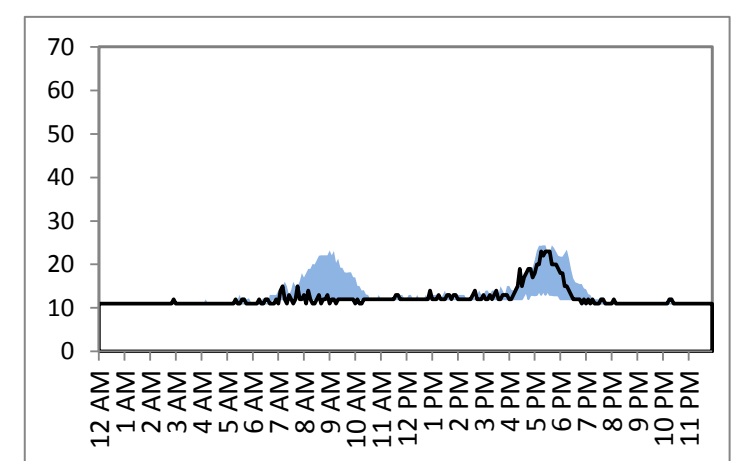
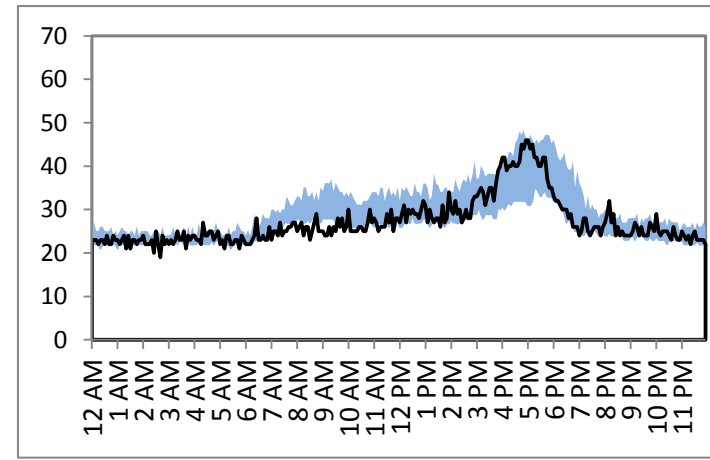
### via I-90



### via SR 522



### via I-90



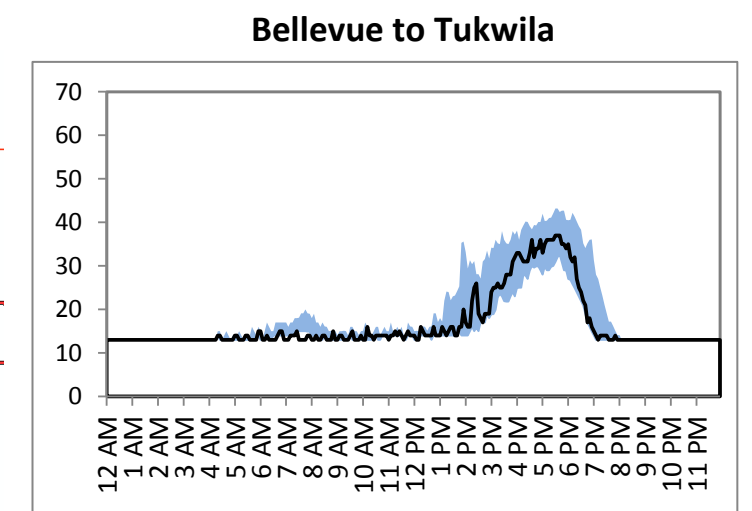
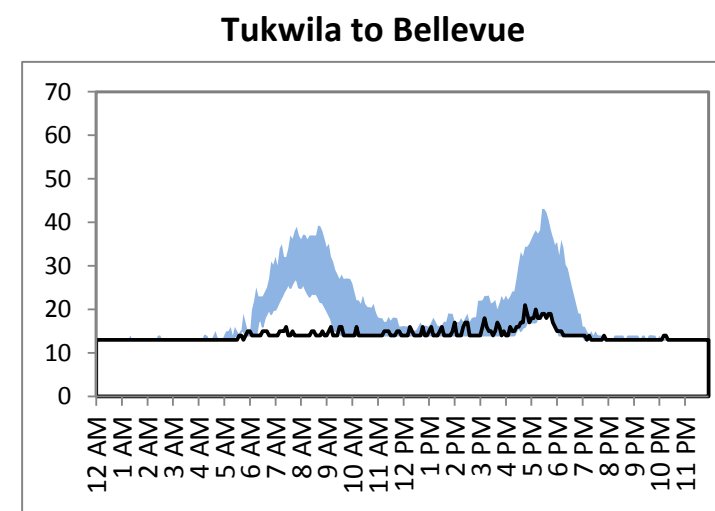
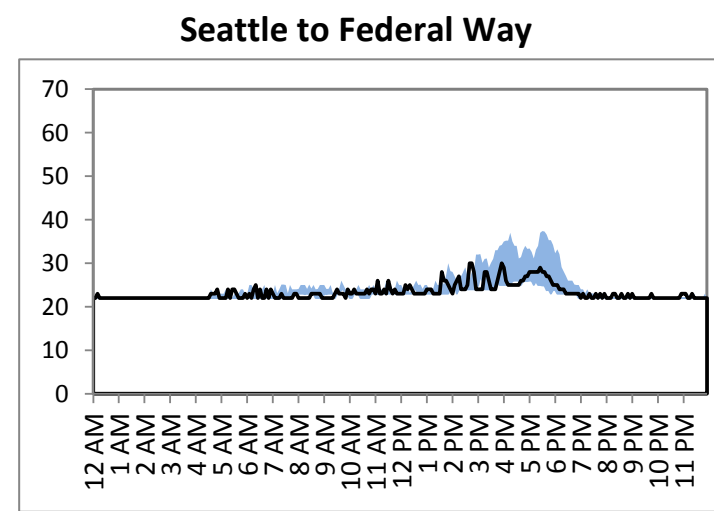
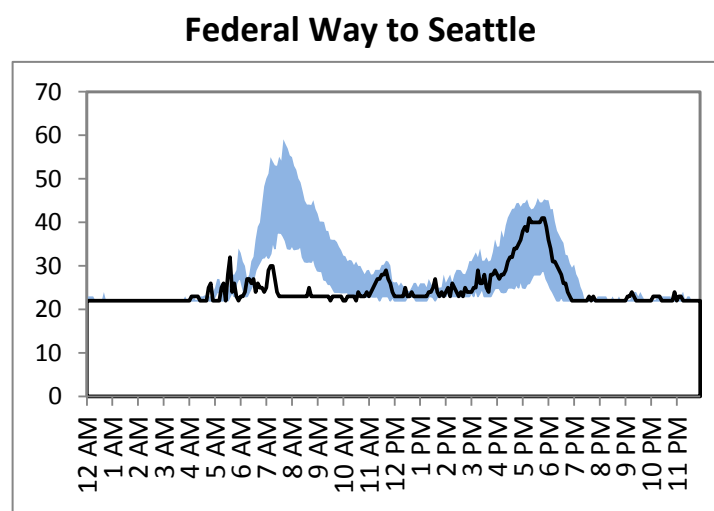
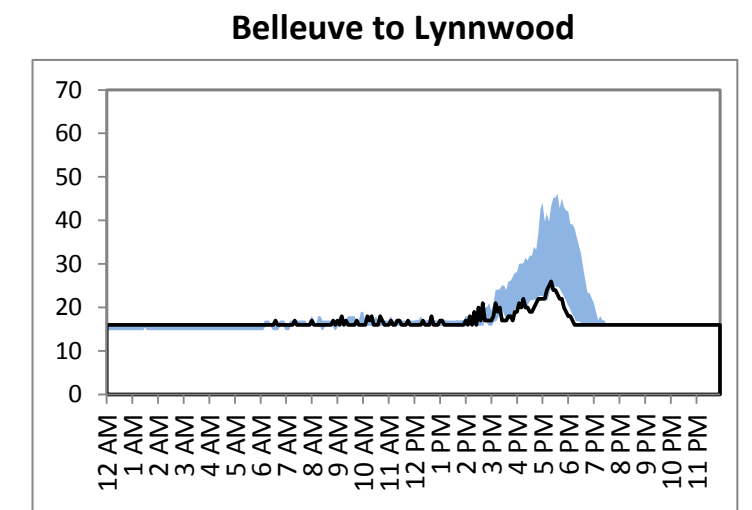
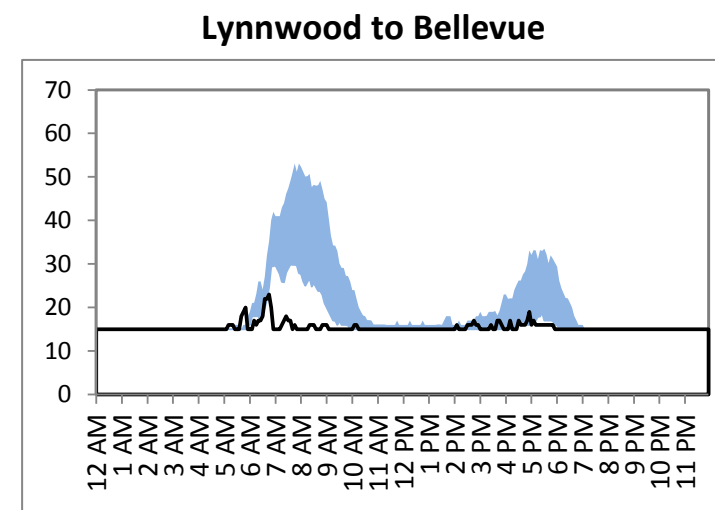
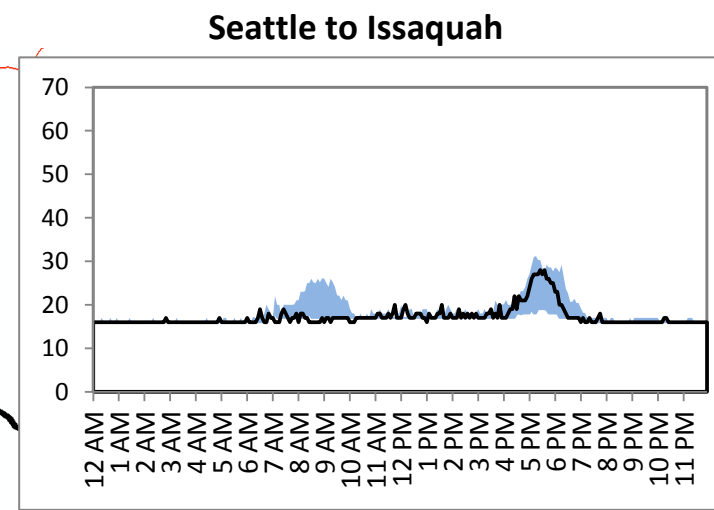
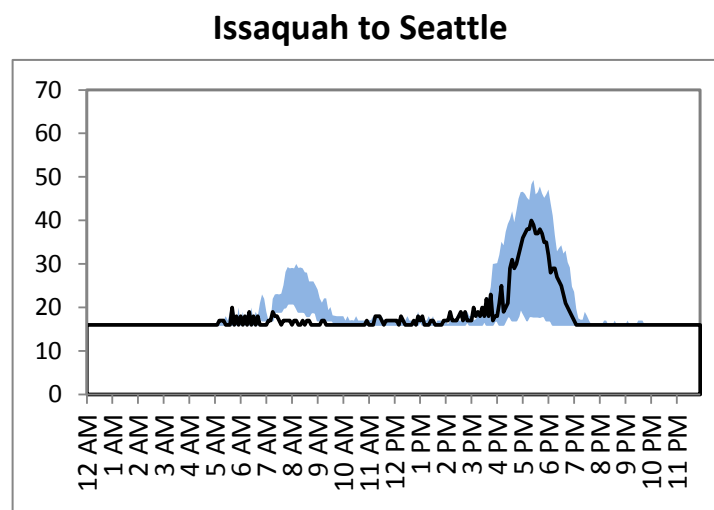
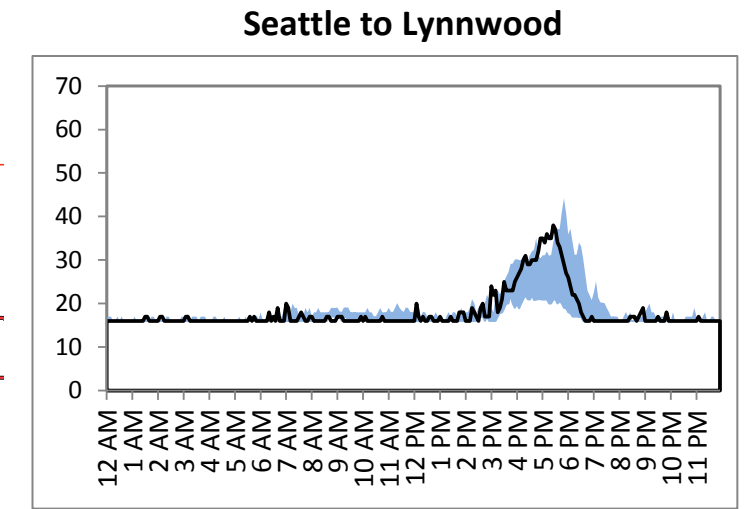
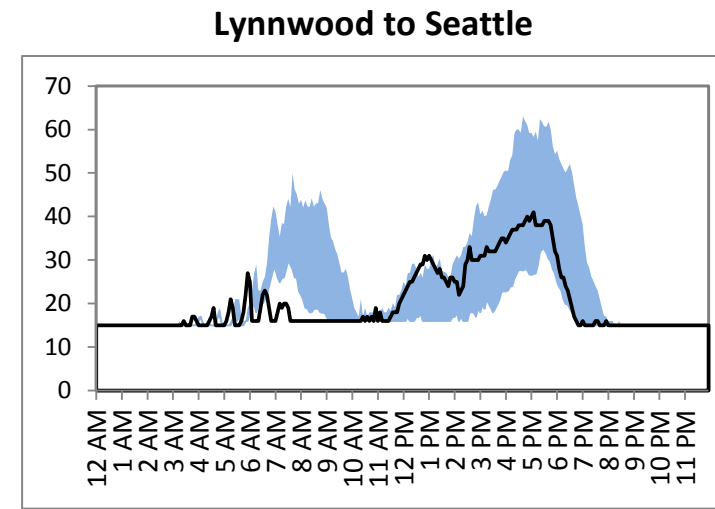
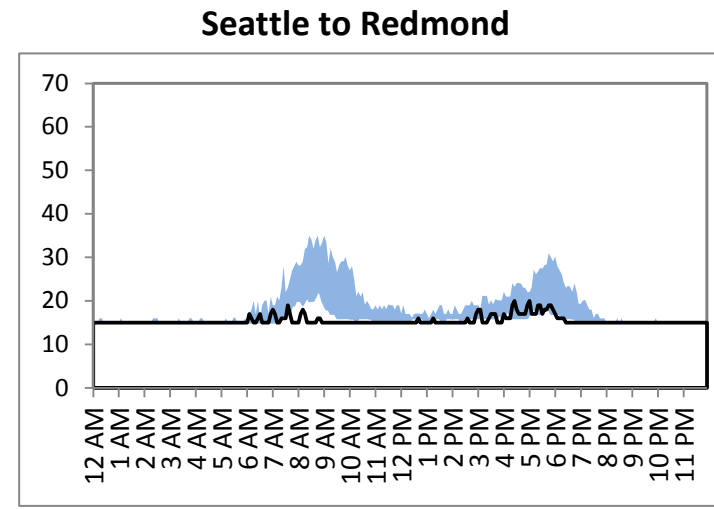
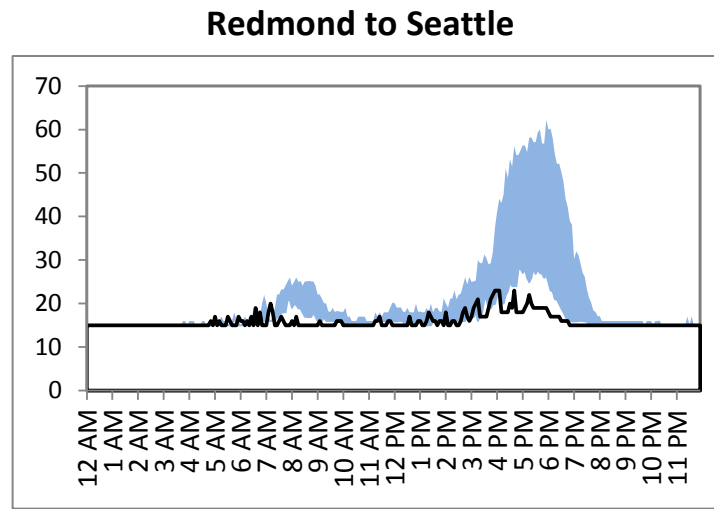
# SR 520 Tolling: Traffic Monitoring

## Travel Times

Thursday, December 29, 2011

— Thursday, December 29, 2011

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



**SR 520 Tolling: Traffic Monitoring**

**Congestion Contours**

**Thursday, December 29, 2011**

- free flow
- moderate
- heavy
- stop and go



# SR 520 Tolling: Traffic Monitoring

## SR 520 Detail

Thursday, December 29, 2011

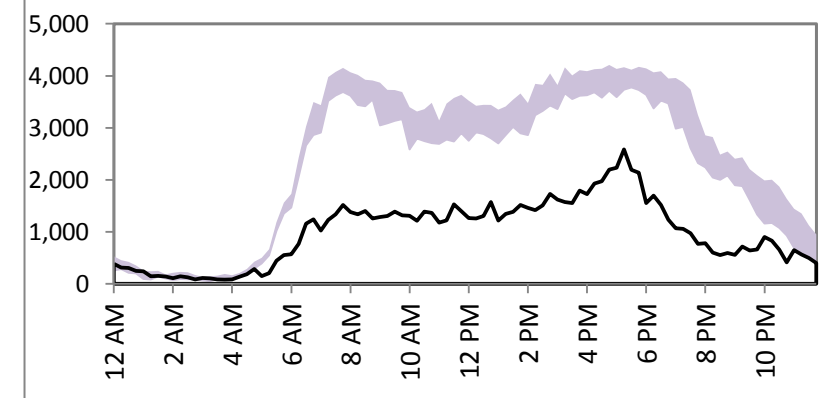
### Mainline Volume



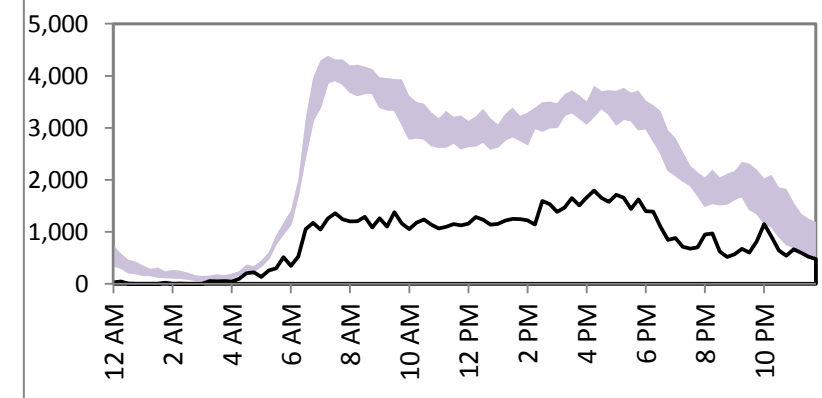
SR 520 Bridge

WB	EB
<b>-58%</b>	<b>-61%</b>
23,800	20,500
57,200	52,800

SR 520 WB Bridge



SR 520 EB Bridge



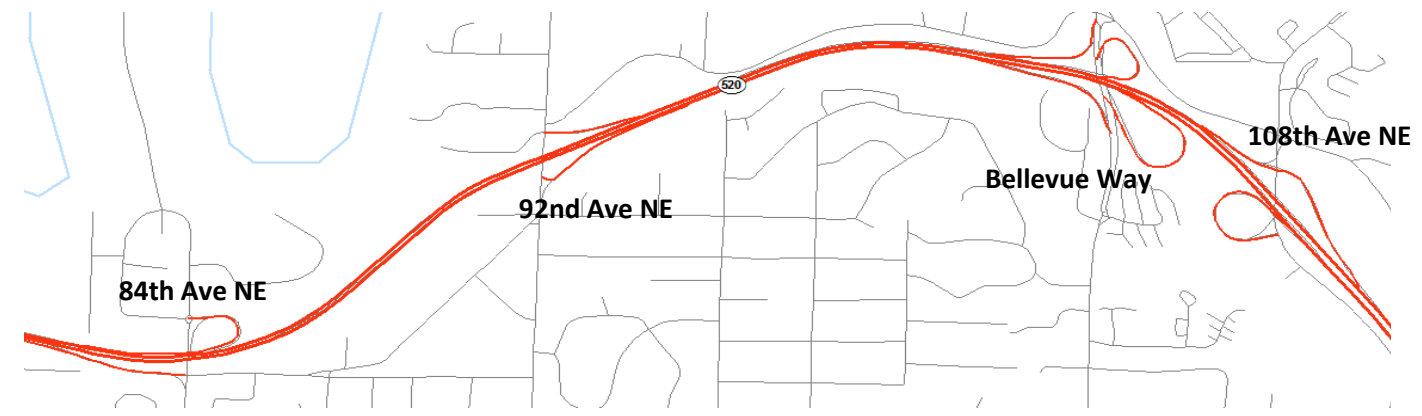
### Ramp Volume

Montlake Blvd		Lk Wa Blvd
WB on ramp	WB exit	WB exit
<b>-3%</b>	<b>-49%</b>	<b>-56%</b>
13,200	4,900	2,200
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	WB on ramp	WB exit
<b>-65%</b>	<b>-11%</b>	<b>-54%</b>	<b>-55%</b>	<b>-55%</b>	<b>-28%</b>		
2,000	3,400	1,600	2,300	1,400	8,800		
5,700	3,800	3,500	5,100	3,100	12,300		



<b>-5%</b>	<b>-52%</b>	<b>-63%</b>
11,700	5,800	1,800
12,300	12,100	4,900
EB exit	EB on ramp	EB on ramp
Montlake Blvd		Lk Wa Blvd



<b>-63%</b>	<b>-22%</b>	<b>-52%</b>	<b>-24%</b>
2,100	3,800	4,300	8,000
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

Thursday, December 29, 2011

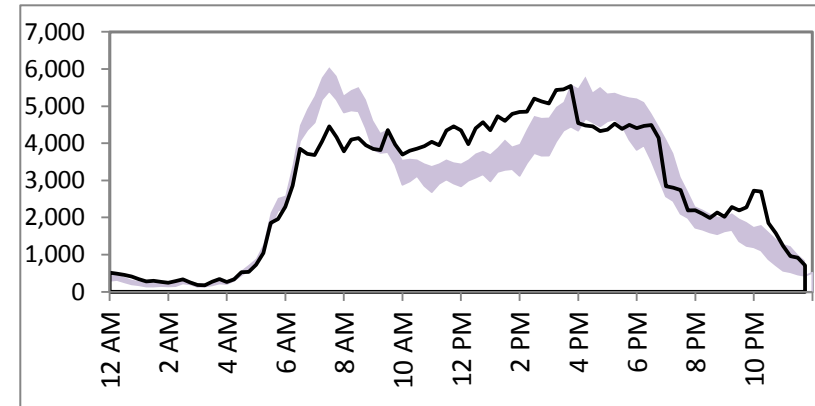
### Mainline Volume



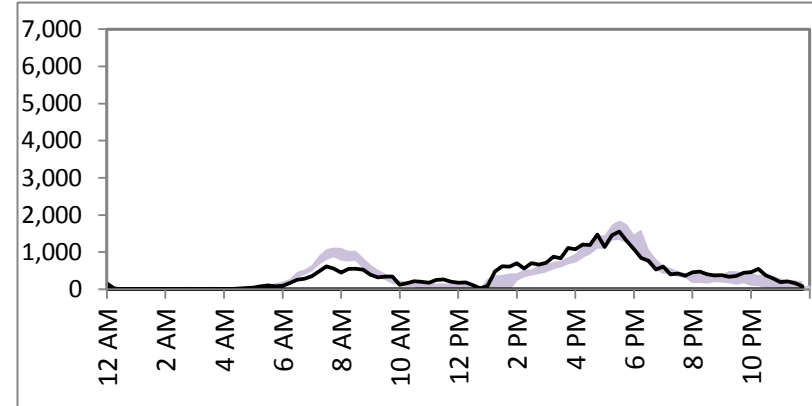
I-90 Bridge

WB	EB
<b>4%</b>	<b>2%</b>
71,300	70,300
68,800	69,100

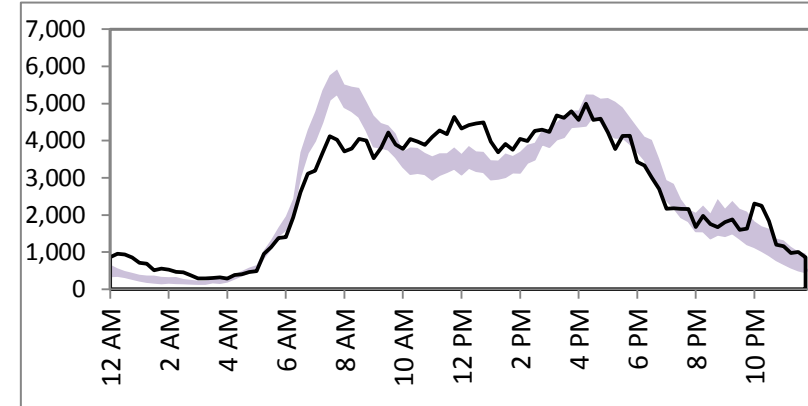
I-90 WB Bridge



I-90 REV Bridge



I-90 EB Bridge



### Bellevue Way Ramp Volume

I-90 EB to Bellevue Way	Bellevue Way to I-90 WB
<b>6%</b>	<b>2%</b>
8,600	9,500
8,100	9,300

# SR 520 Tolling: Traffic Monitoring

## SR 522 Detail

Thursday, December 29, 2011

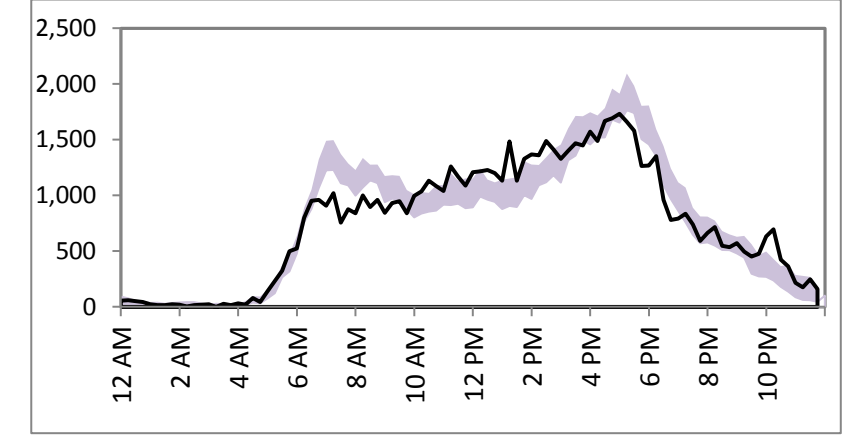
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### Mainline Volume

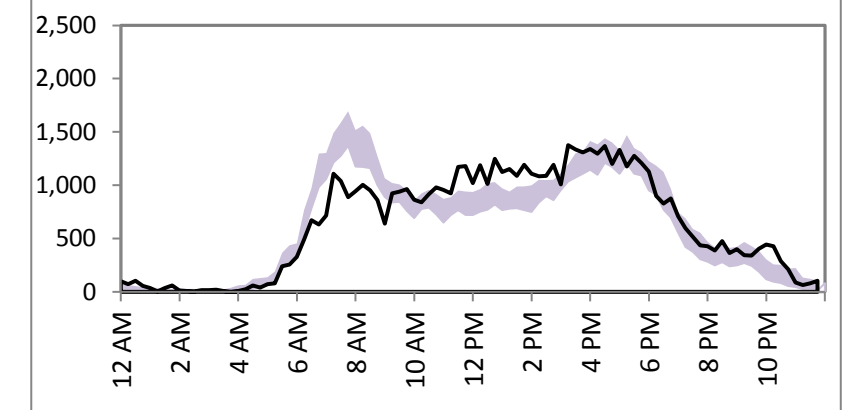


83rd PI NE	
WB	EB
-3%	2%
18,300	15,500
18,900	15,200

SR 522 WB at 83rd Ave NE

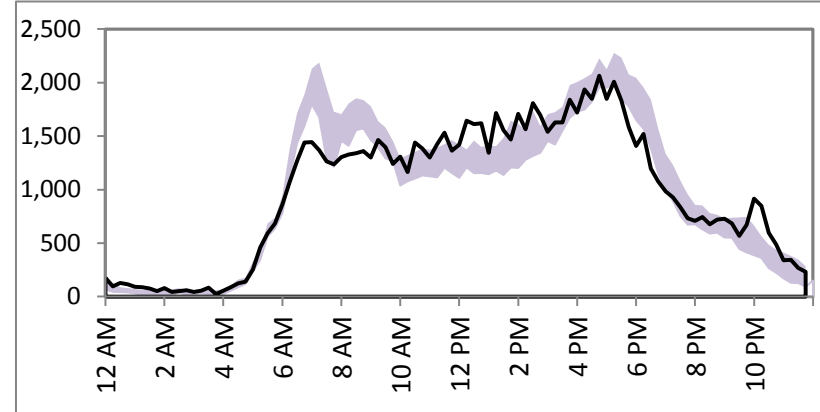


SR 522 EB at 83rd Ave NE



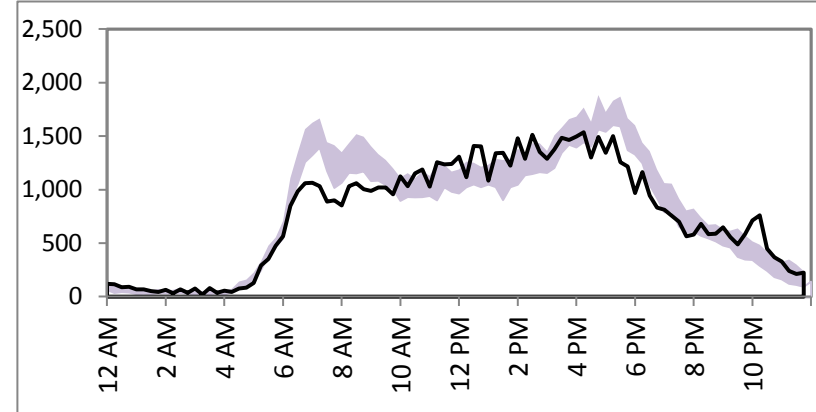
68th Ave NE	
WB	EB
-2%	1%
23,500	16,900
24,000	16,700

SR 522 WB at 68th Ave NE



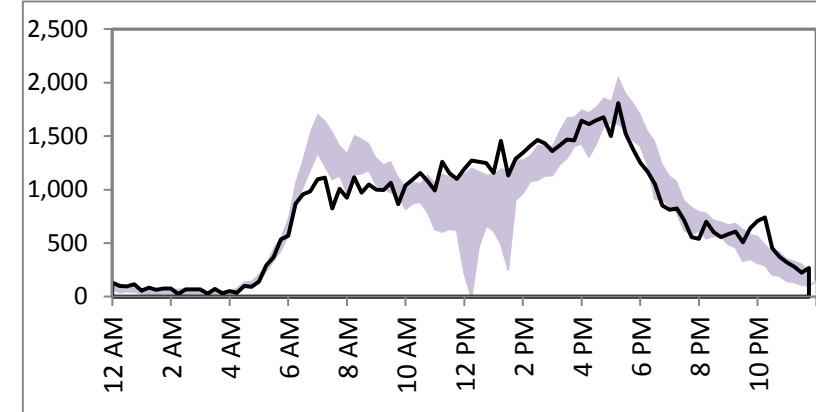
73rd Ave NE	
WB	EB
-6%	-3%
18,600	17,900
19,700	18,400

SR 522 WB at 73rd Ave NE



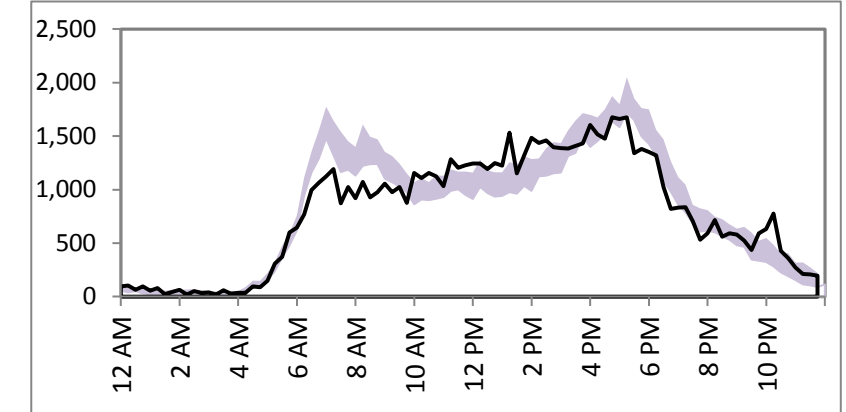
77th Ct NE	
WB	EB
-5%	-2%
19,100	18,300
20,100	18,600

SR 522 WB at 77th Ct NE

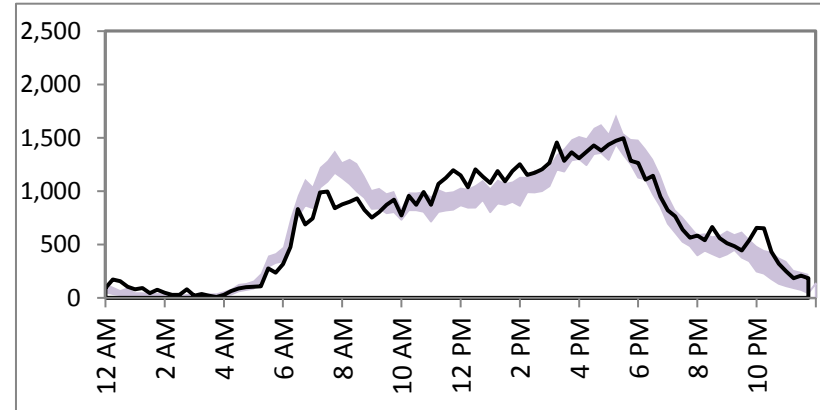


80th Ave NE	
WB	EB
-5%	-2%
19,100	17,400
20,000	17,800

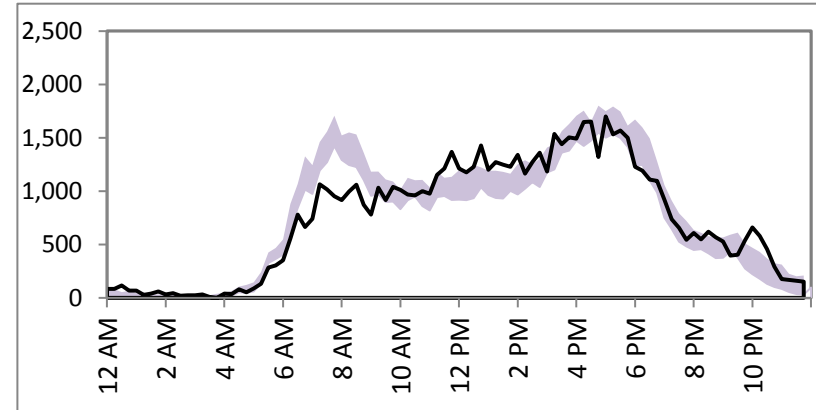
SR 522 WB at 80th Ave NE



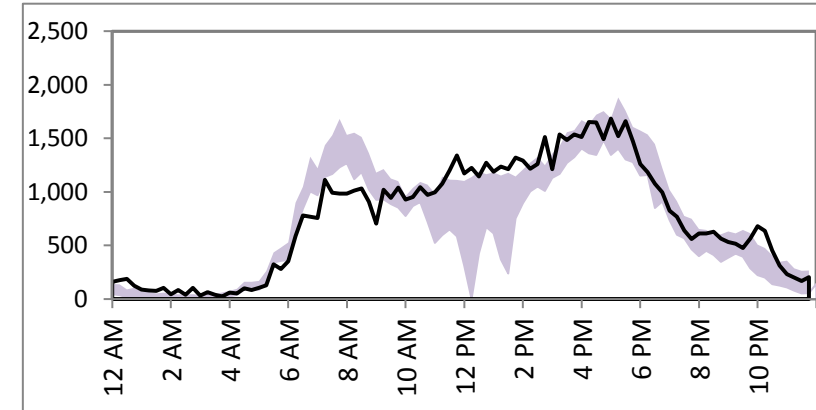
SR 522 EB at 68th Ave NE



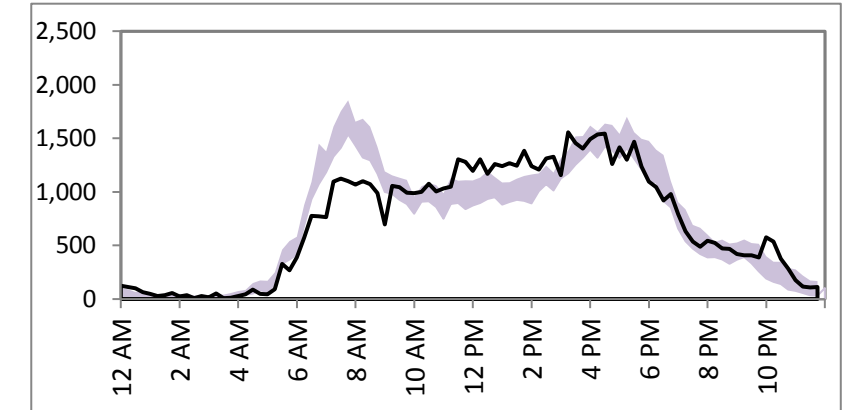
SR 522 EB at 73rd Ave NE



SR 522 EB at 77th Ct NE



SR 522 EB at 80th Ave NE

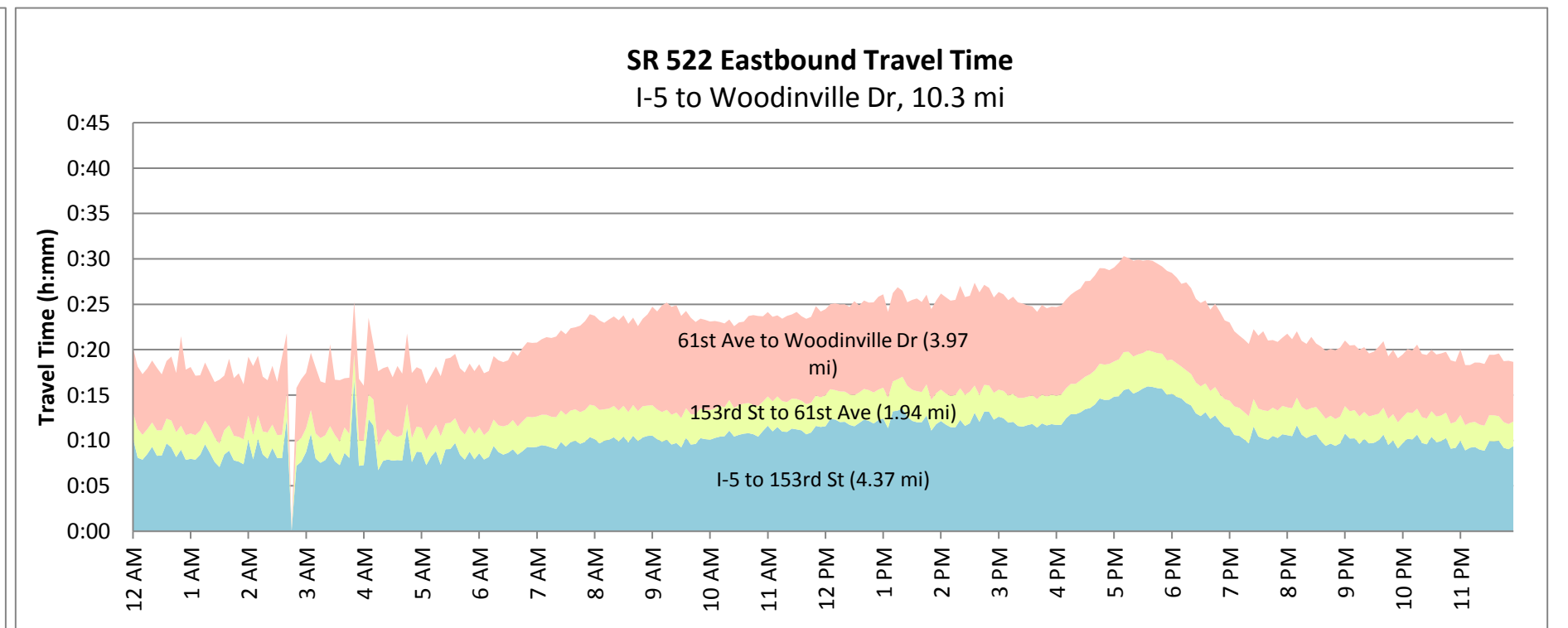
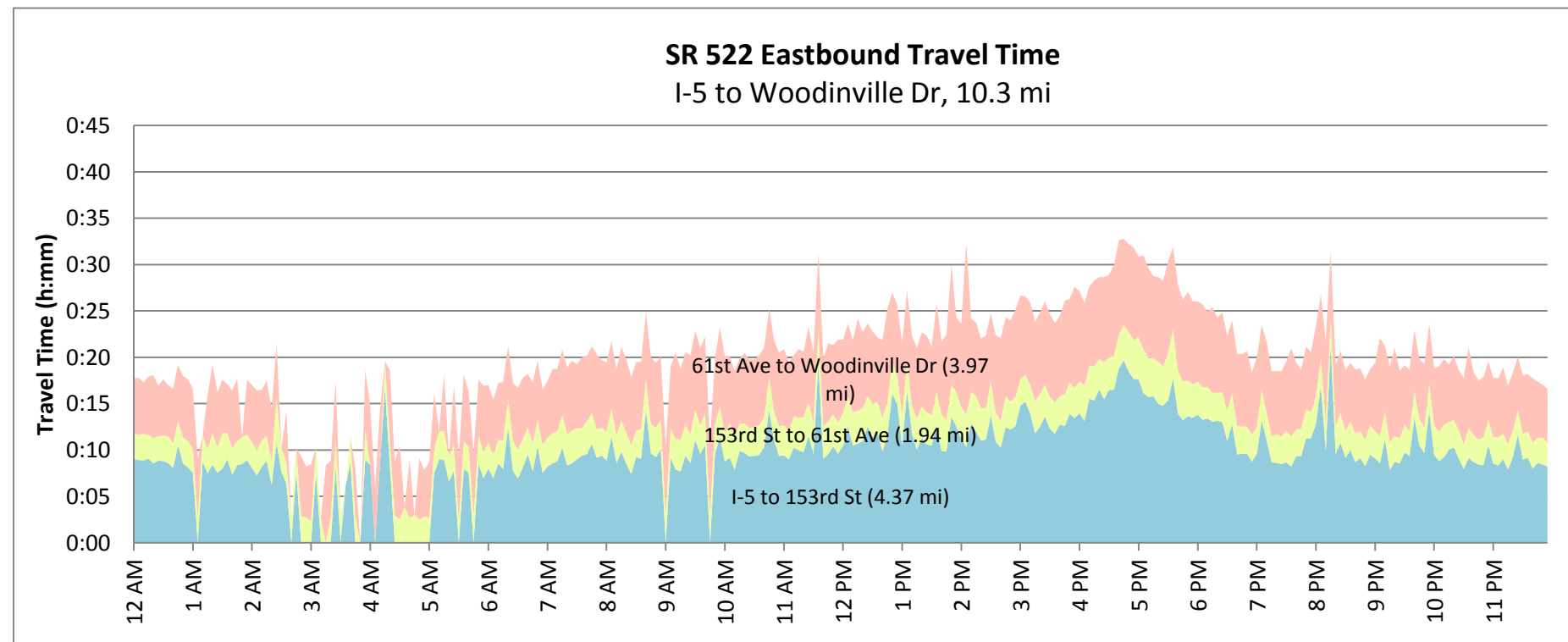
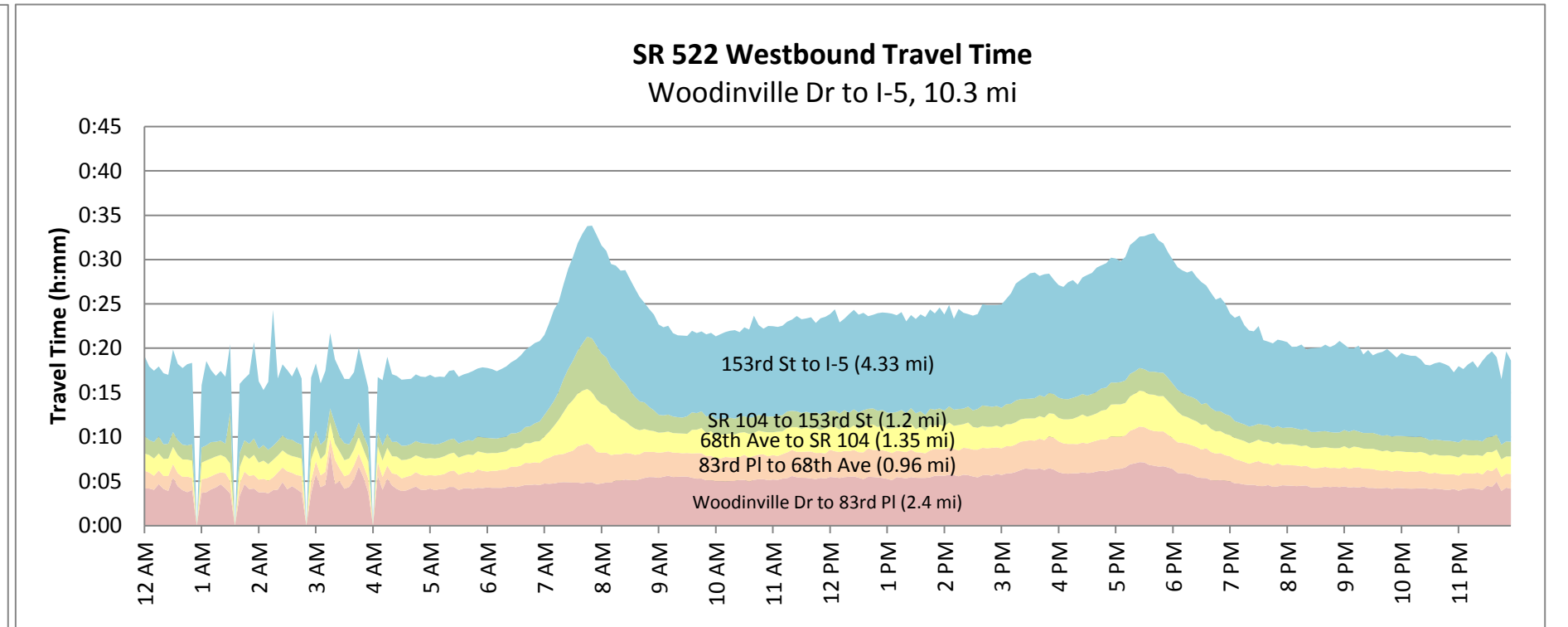
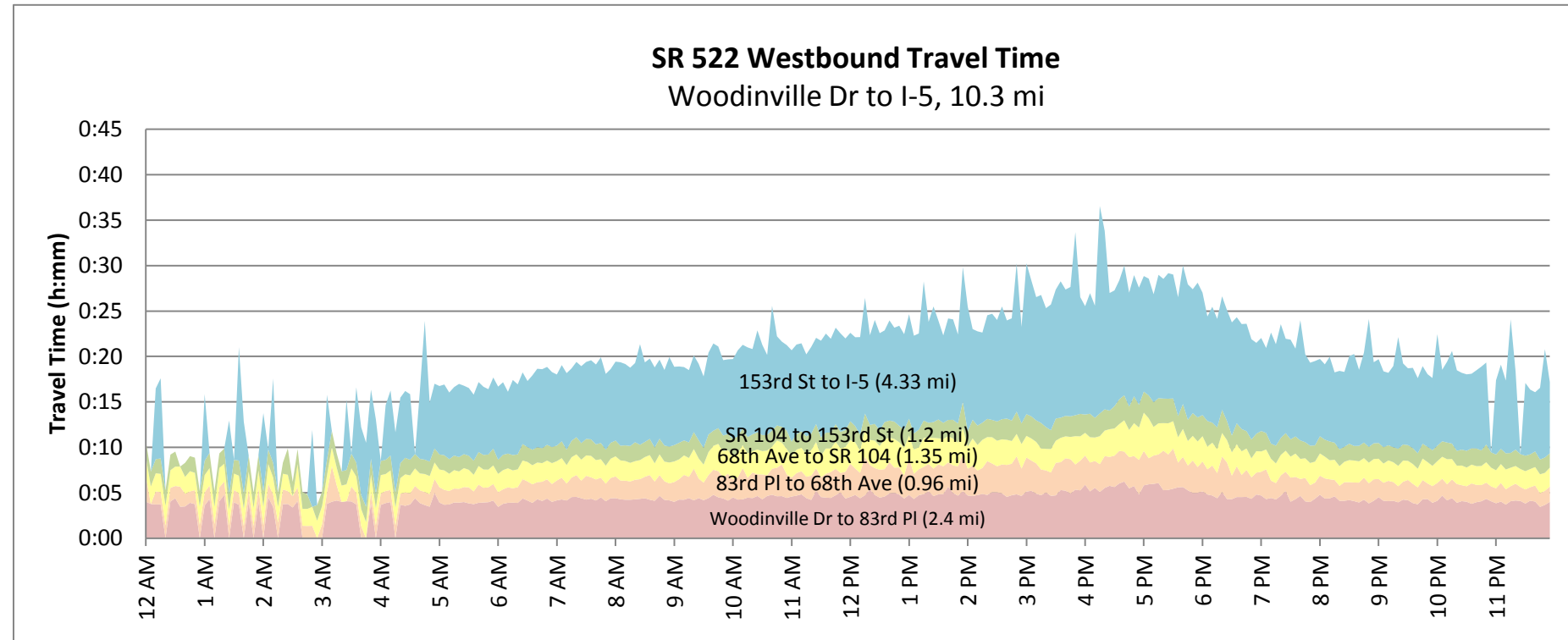


**SR 520 Tolling: Traffic Monitoring**

**SR 522 Travel Times**

**Thursday, December 29, 2011**

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



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