



SR 520 Tolling: Traffic Monitoring

Monday, January 09, 2012

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

Daily Volume:

% change
1/9/2012
baseline

SR 520 Bridge

-45%
56,000
101,100

Cross-lake Total

I-90, SR 520, SR 522

I-90 Bridge
6%
146,600
137,900

-12%
245,000
279,700

SR 522 at 68th Ave NE

4%
42,400
40,700

Traffic Summary:

Traffic volume on the SR 520 bridge was down 45% compared to an average weekday. 56,000 vehicles is the lowest weekday volume seen since last Tuesday, likely due to the normal pattern of less demand on Mondays. I-90 volume was up 6% and SR 522 volume was up 4%. Volume in the rest of the region was down up to 8% compared to an average weekday. SR 520 travel time was faster than usual in both directions throughout the day. I-90 westbound morning travel time was longer than usual due to a blocking incident at Rainier Ave S. I-90 eastbound evening travel time was also slightly longer than usual. SR 522 travel time was the same or faster than usual.

Major Incidents:

- Collision on I-5 NB at SR 516 blocking 1 lane from 7:09 to 8:14 am
- Collision on I-90 WB at Rainier Ave S blocking 1 lane from 7:52 to 8:07 am
- Collision on SR 167 NB at 15th St NW blocking 1-2 lanes from 8:44 to 9:00 am
- Collision on I-405 NB at W Valley Hwy blocking 1 lane from 8:46 to 8:51 am
- Collision on I-90 WB Express Lanes at Mt Baker Tunnel blocking 1 lane from 9:08 to 9:34 am
- Disabled vehicle on I-405 NB at NE 8th St blocking 1 lane from 10:15 to 10:24 am
- Collision on I-405 NB at I-90 blocking 1 lane from 11:44 am to 12:23 pm
- Disabled vehicle on I-405 NB at NE 70th Pl blocking 1 lane from 12:51 to 12:53 pm
- Collision on I-5 SB at SR 516 blocking 1 lane from 4:39 to 4:44 pm
- Collision on SR 169 at 161st Ave SE blocking all lanes from 5:34 to 9:25 pm
- Incident on I-405 SB at I-90 blocking 2 lanes from 5:54 to 6:01 pm
- Collision on I-5 SB at W Seattle Bridge blocking 1 lane from 6:23 to 6:38 pm
- Collision on I-5 NB Express Lanes at N 85th St blocking 2 lanes from 6:20 to 7:18 pm

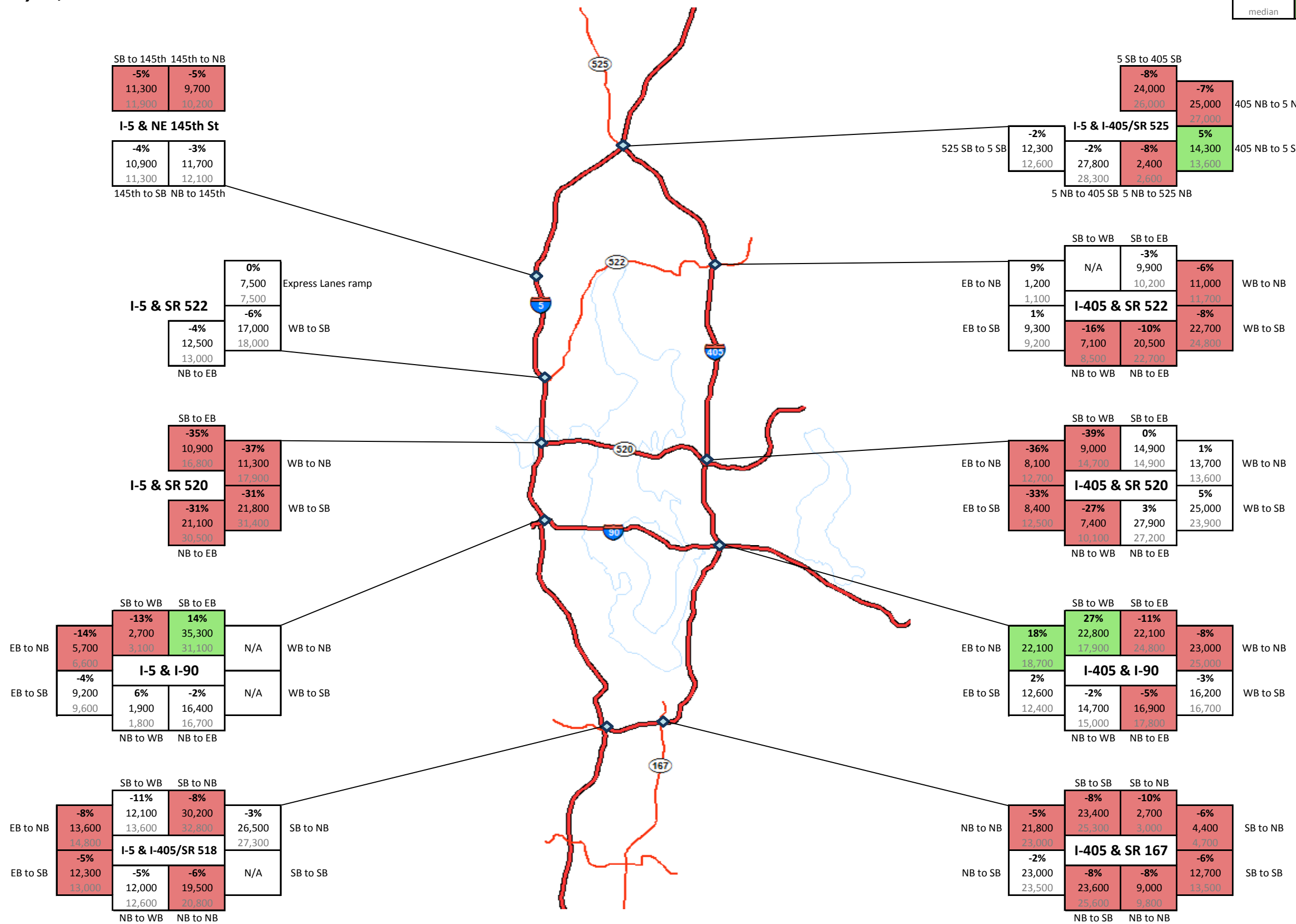
Special Events:

None

SR 520 Tolling: Traffic Monitoring
Daily Interchange Volumes
Monday, January 09, 2012

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

% change	above range	below range
1/9/2012	of typical	of typical
median	variation	variation
	(10th/90th percentile)	



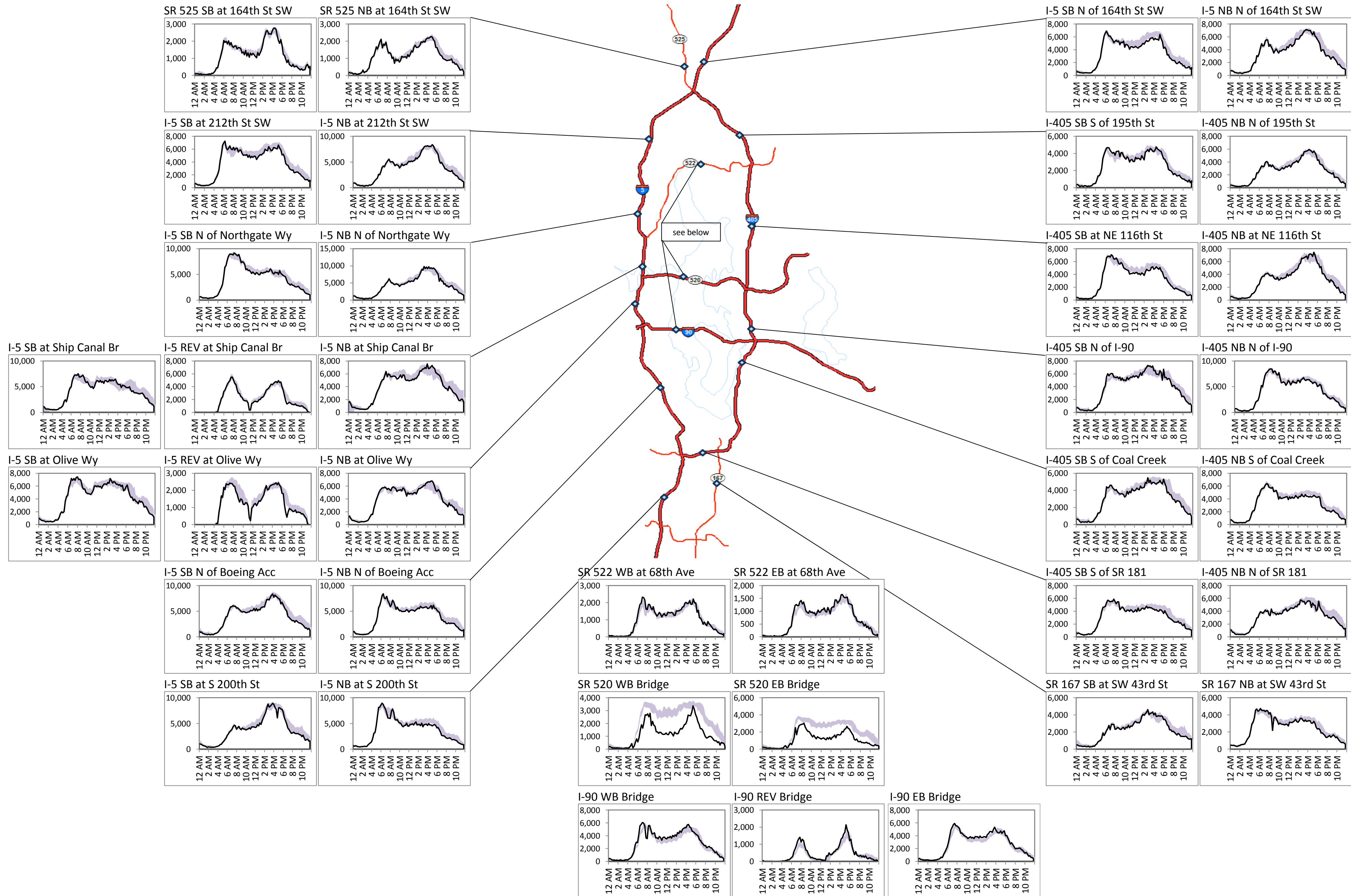
SR 520 Tolling: Traffic Monitoring

Hourly Mainline Volumes

Monday, January 9, 2012

— Monday, January 9, 2012

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



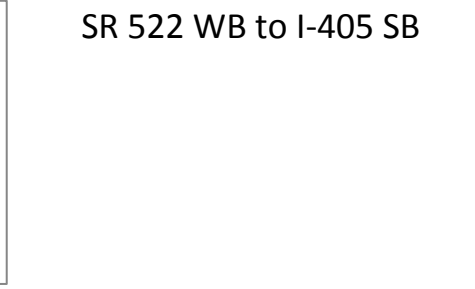
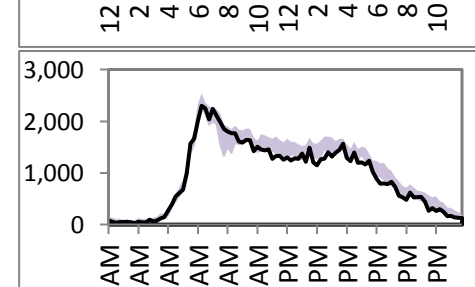
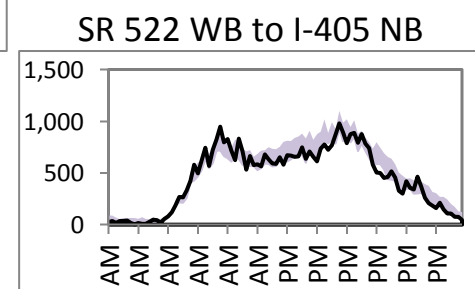
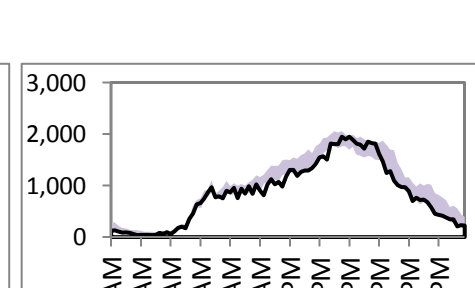
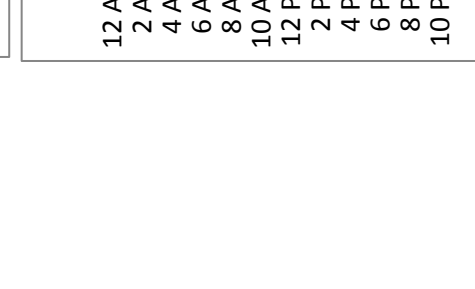
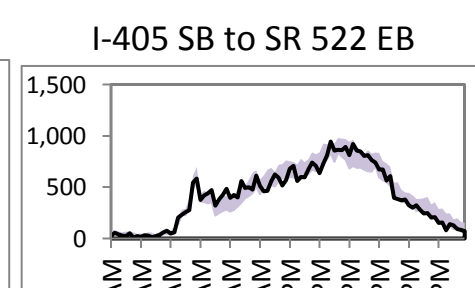
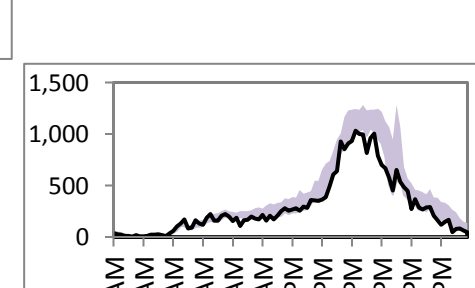
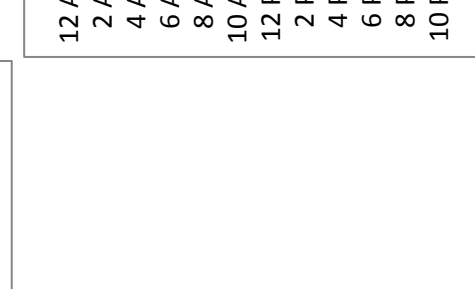
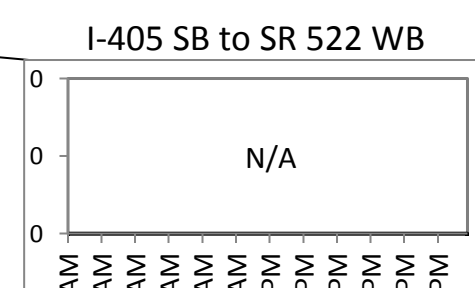
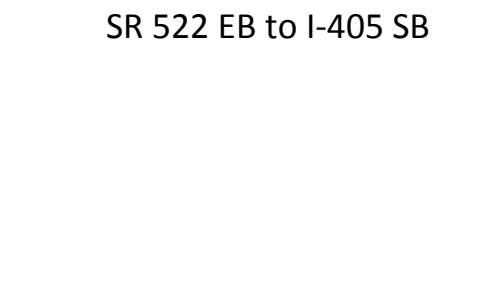
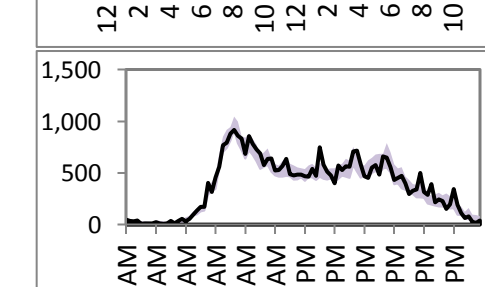
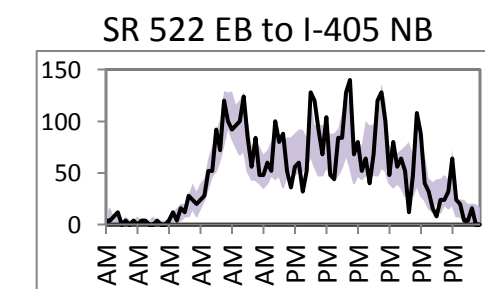
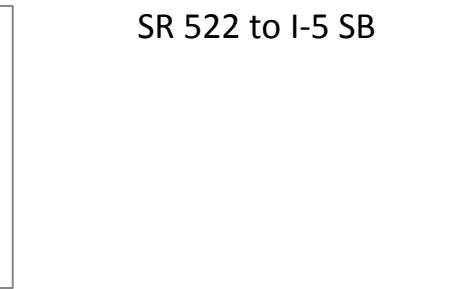
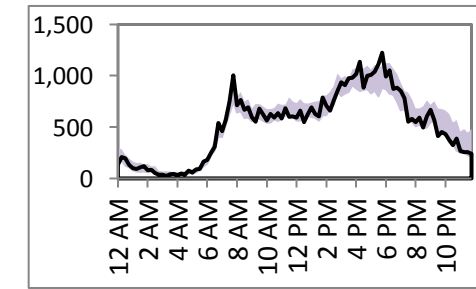
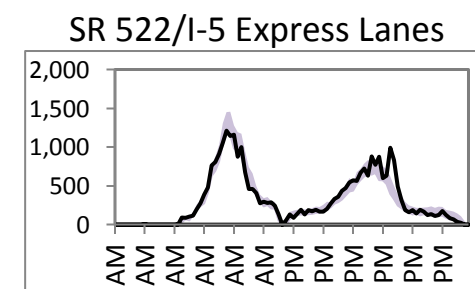
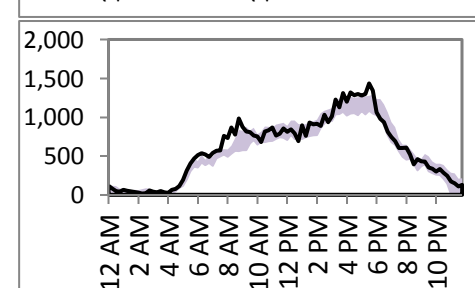
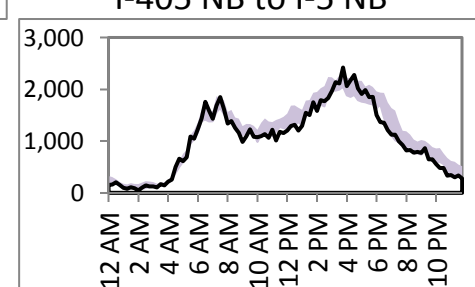
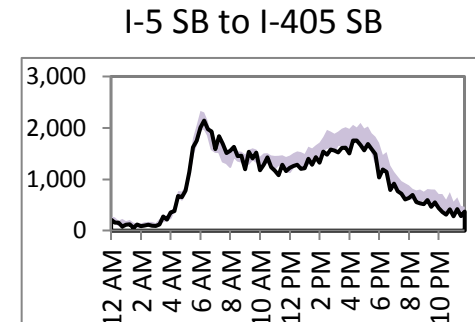
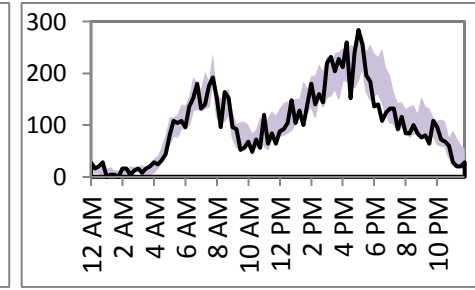
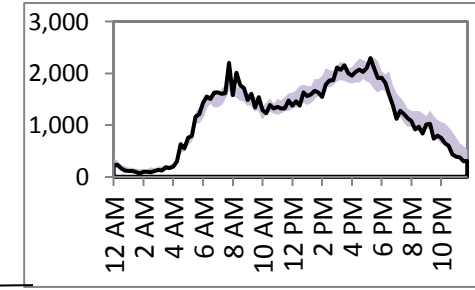
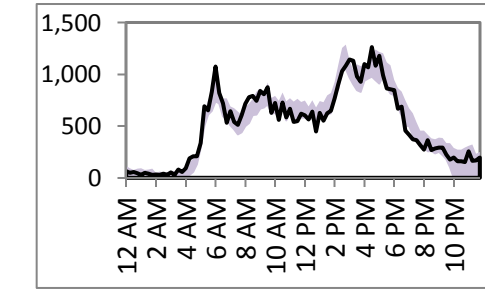
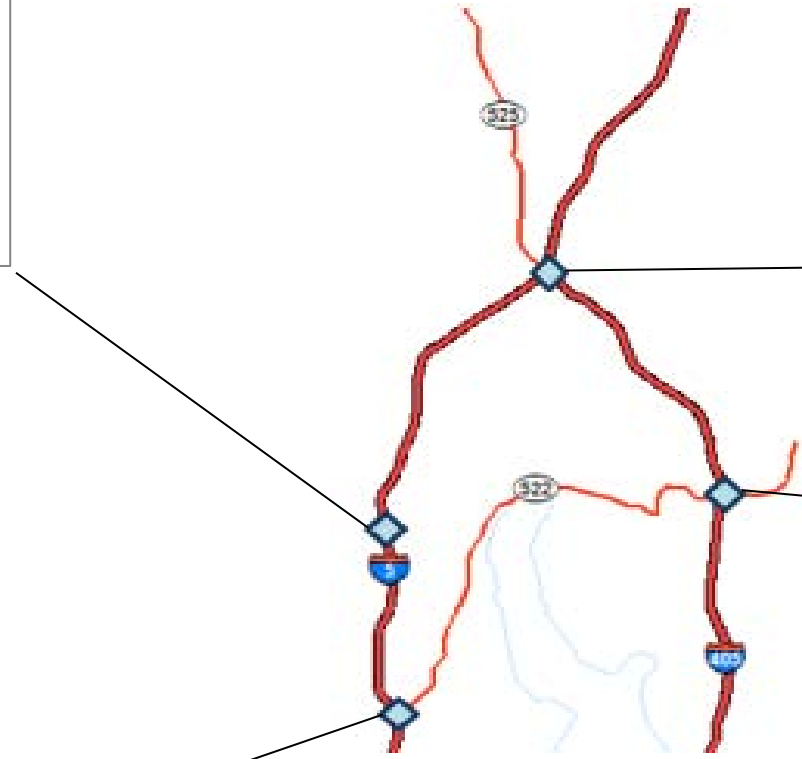
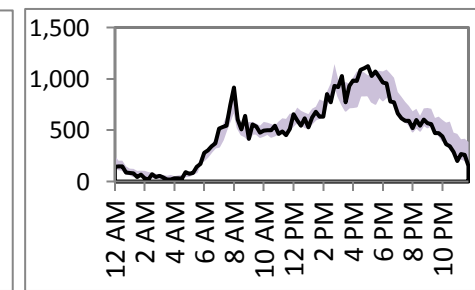
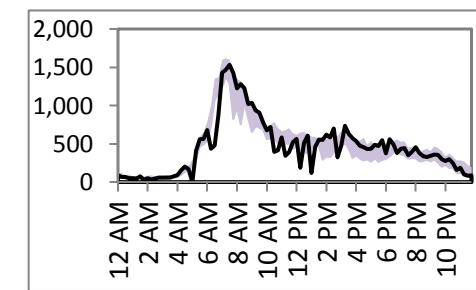
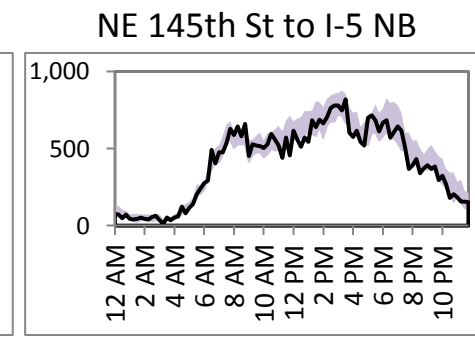
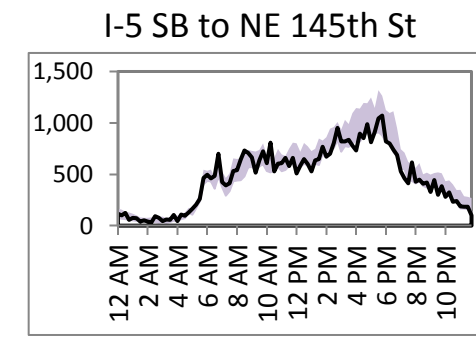
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

Monday, January 9, 2012

— Monday, January 9, 2012

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



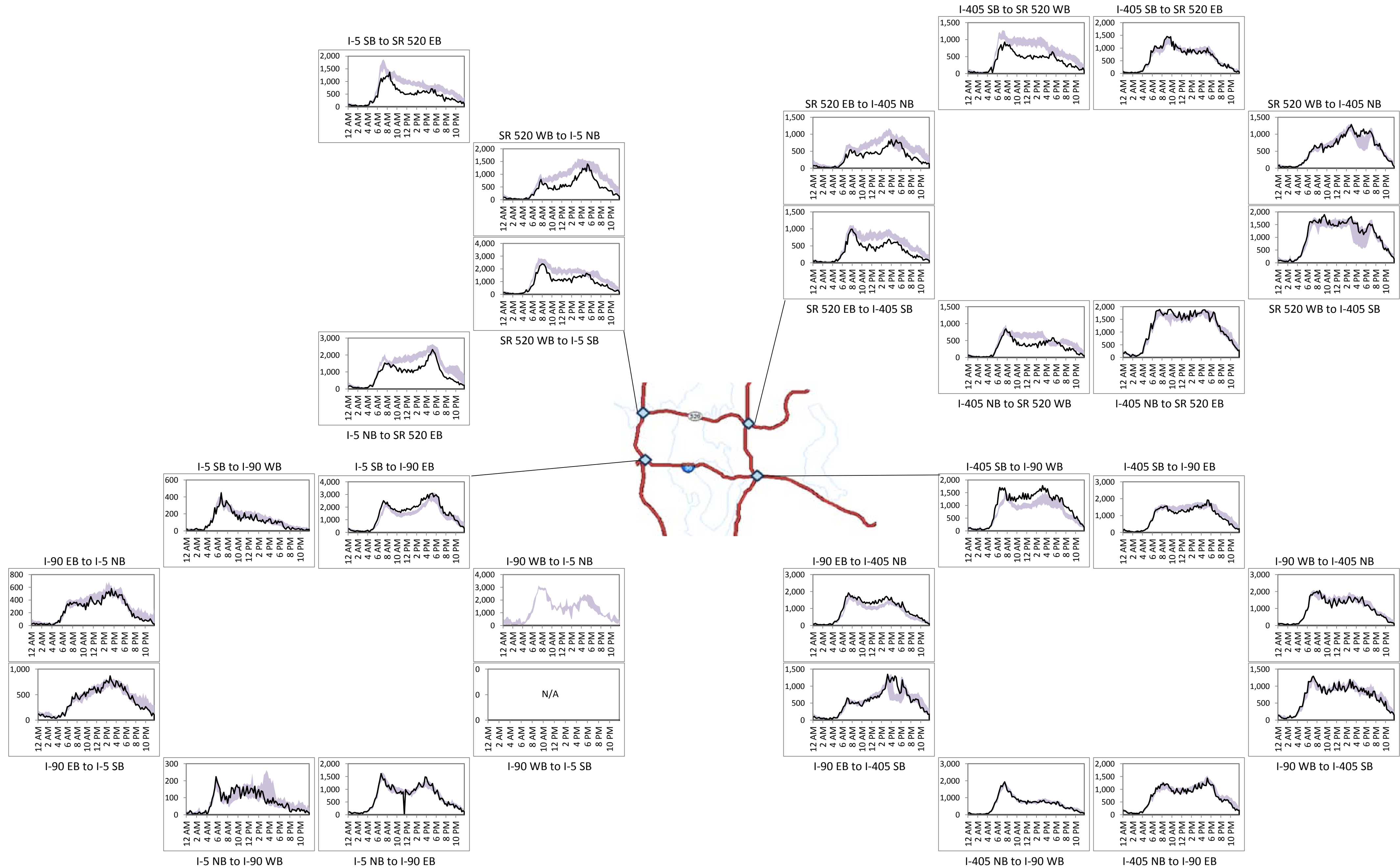
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

Monday, January 9, 2012

— Monday, January 9, 2012

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



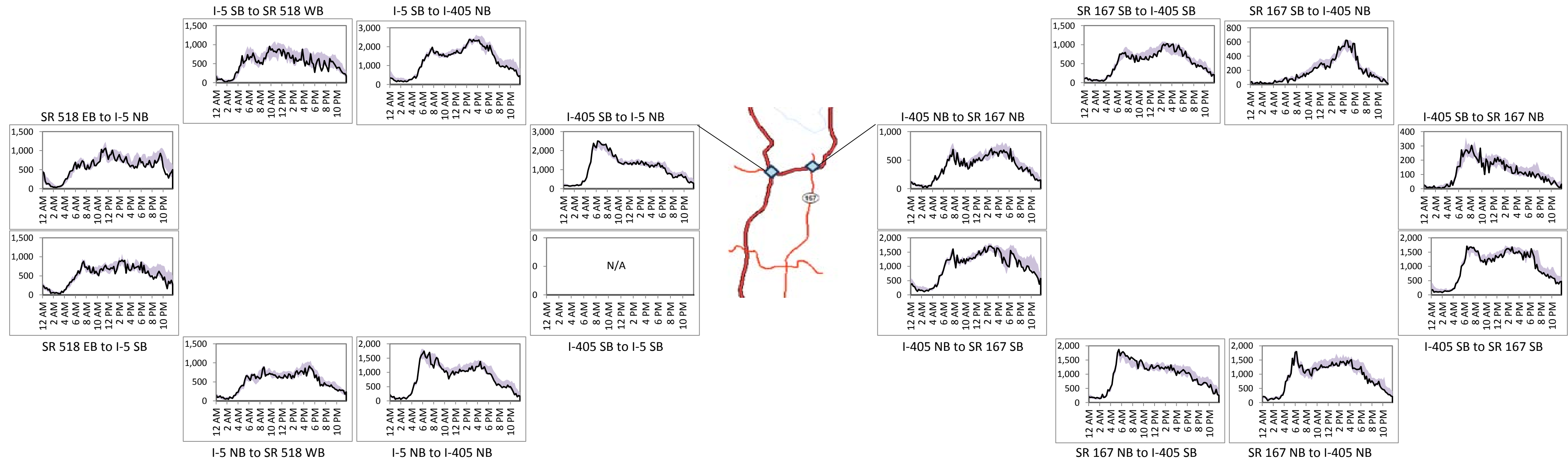
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

Monday, January 9, 2012

— Monday, January 9, 2012

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



SR 520 Tolling: Traffic Monitoring

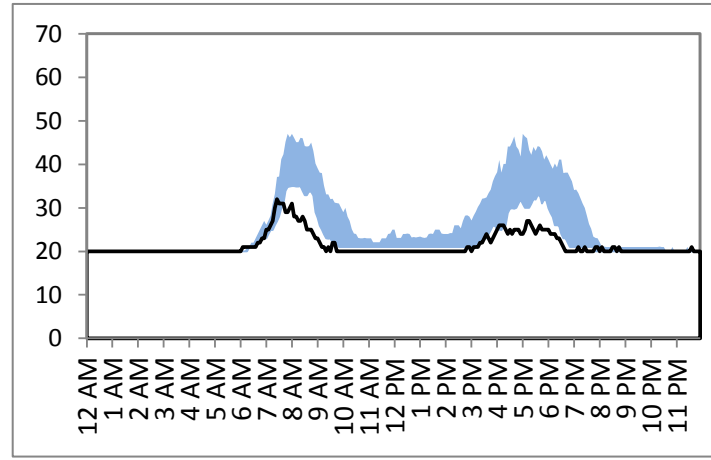
Travel Times

Monday, January 9, 2012

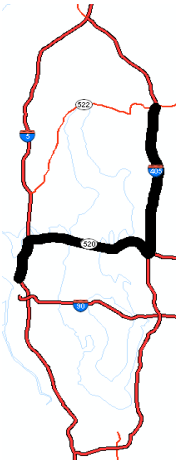
— Monday, January 9, 2012

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

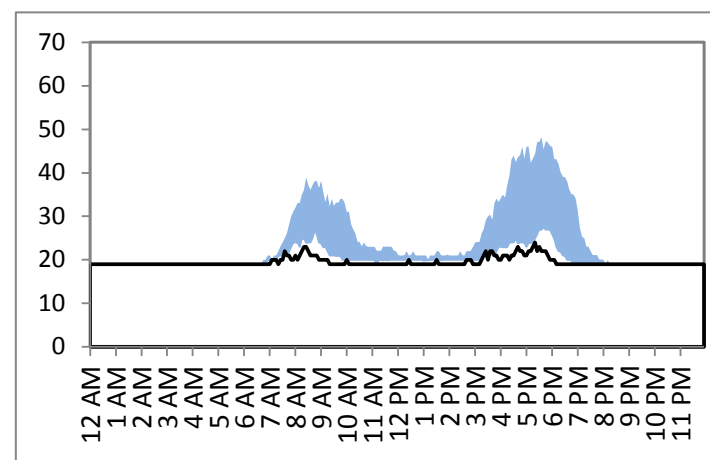
Woodinville to Seattle



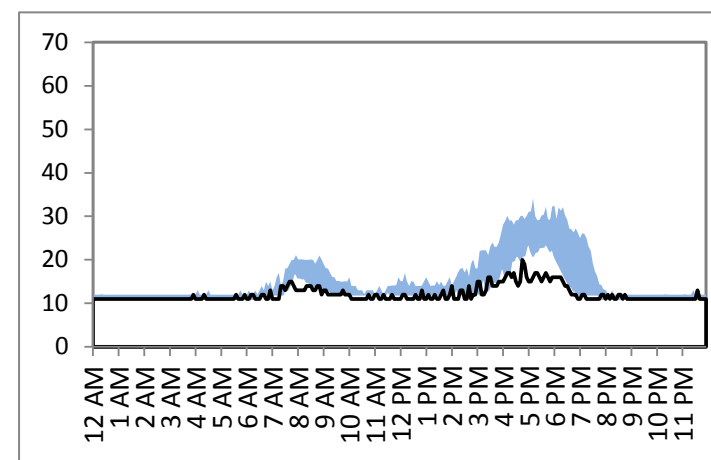
via 520



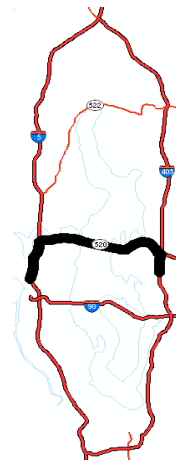
Seattle to Woodinville



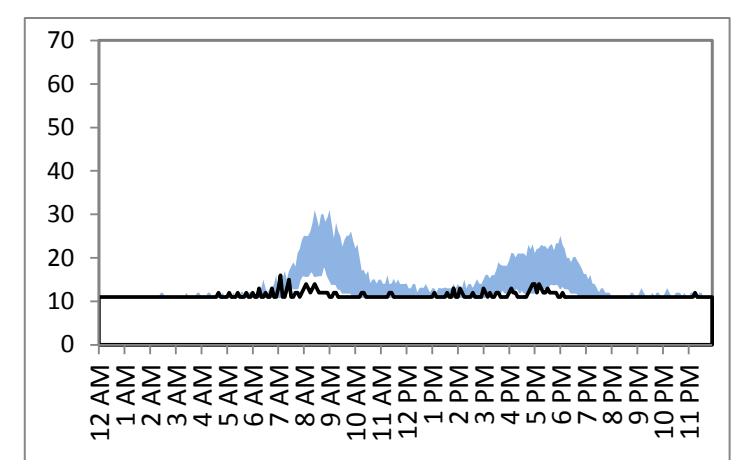
Bellevue to Seattle



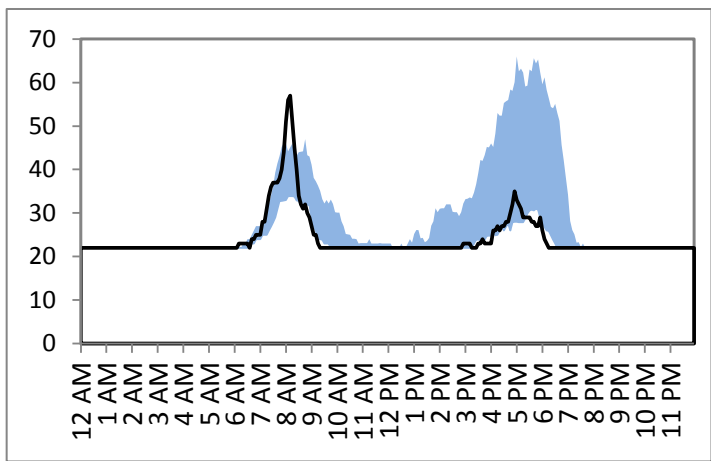
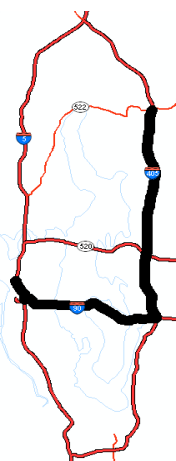
via 520



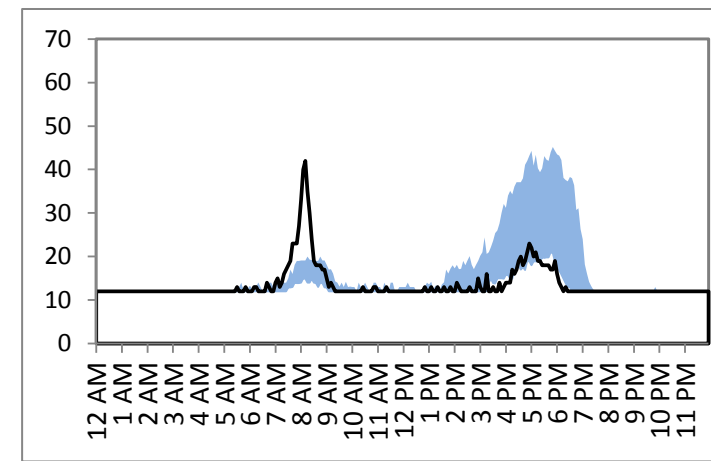
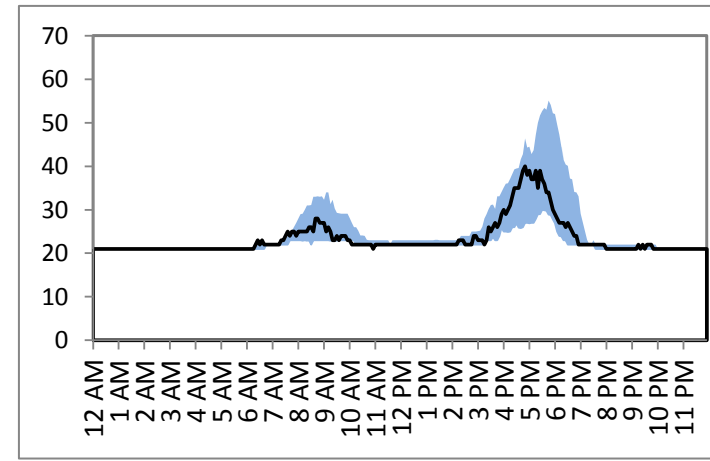
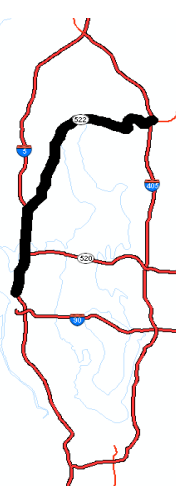
Seattle to Bellevue



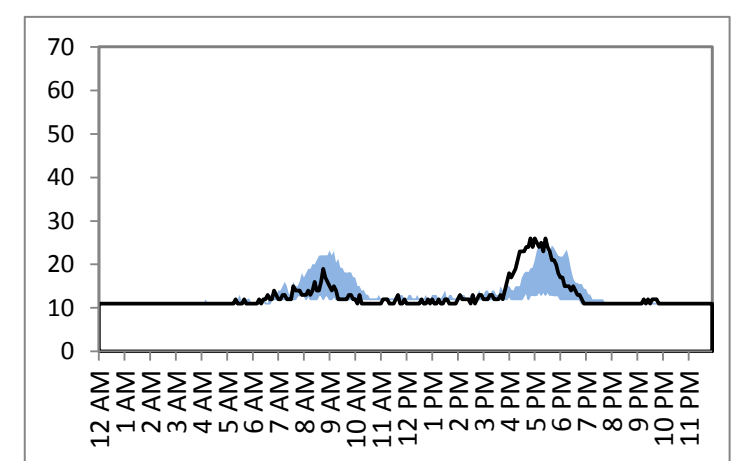
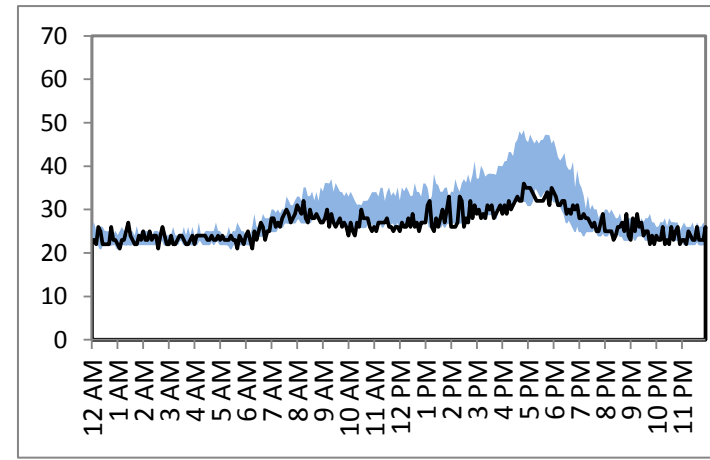
via I-90



via SR 522



via I-90



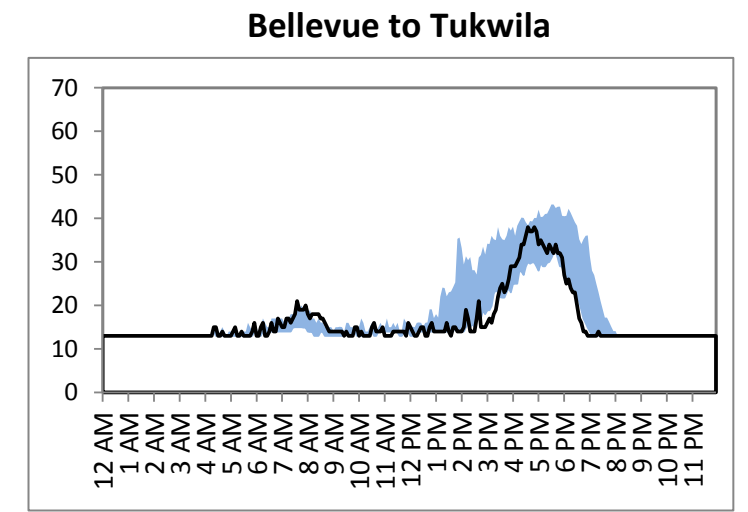
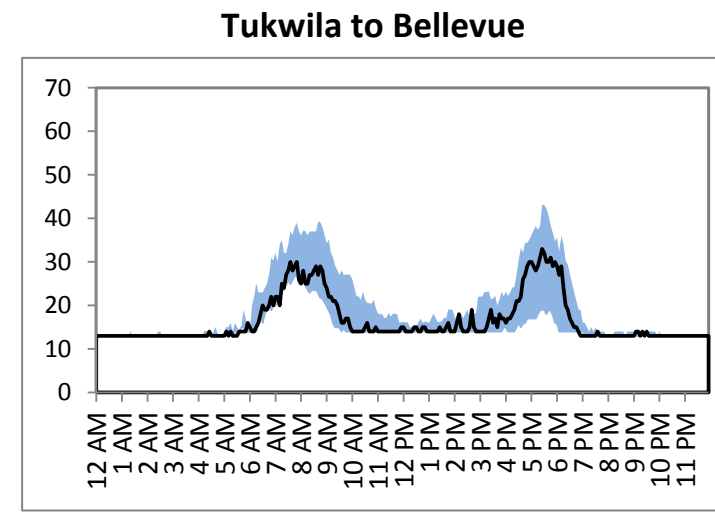
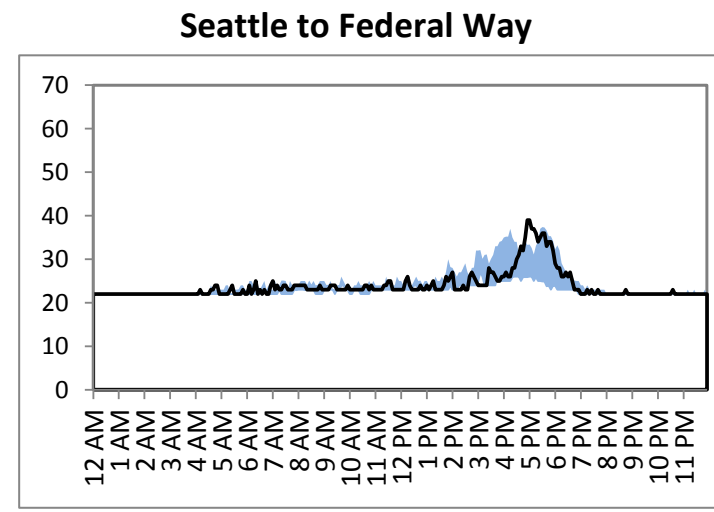
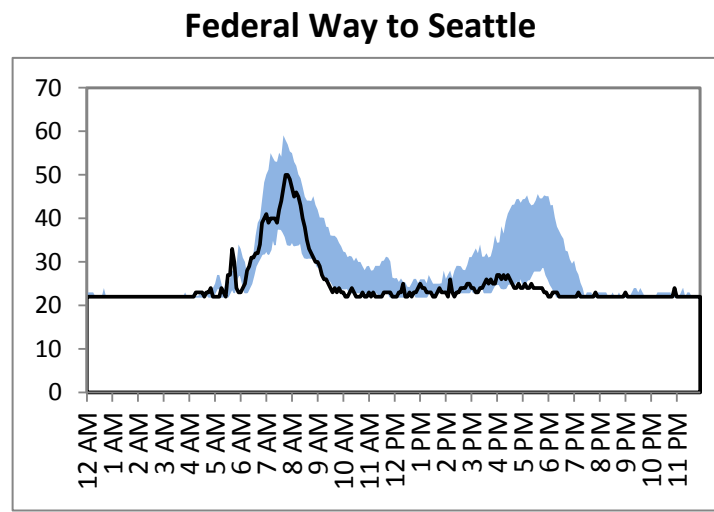
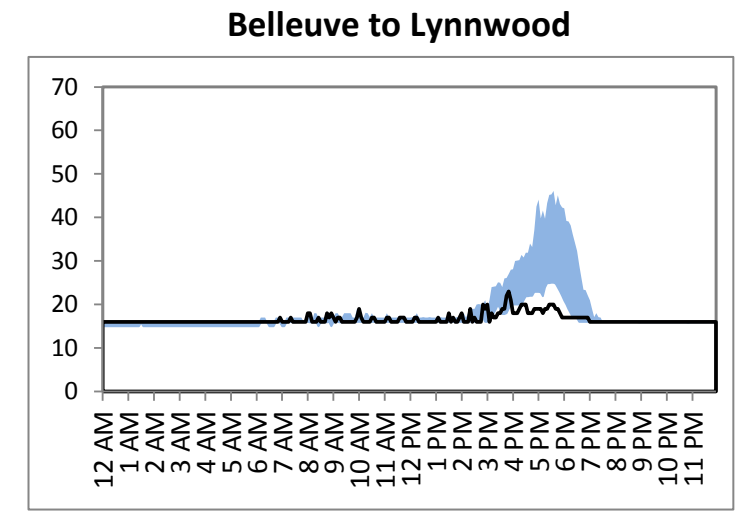
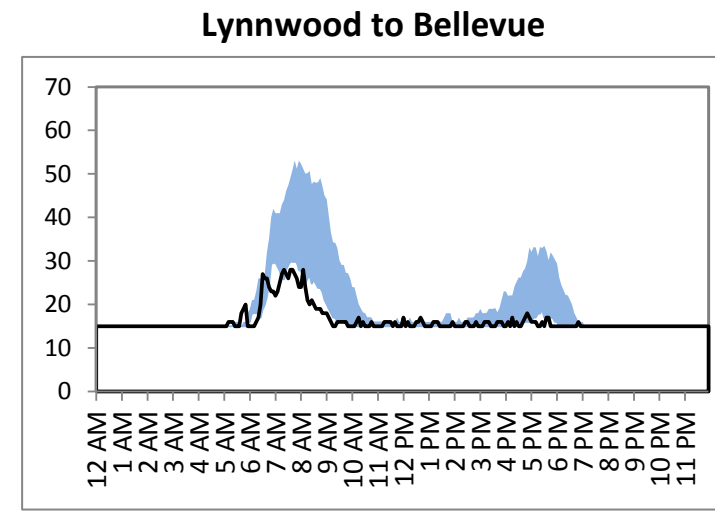
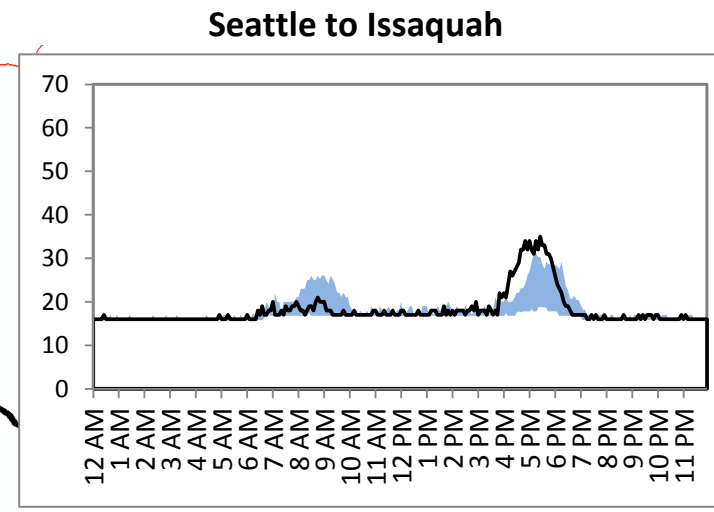
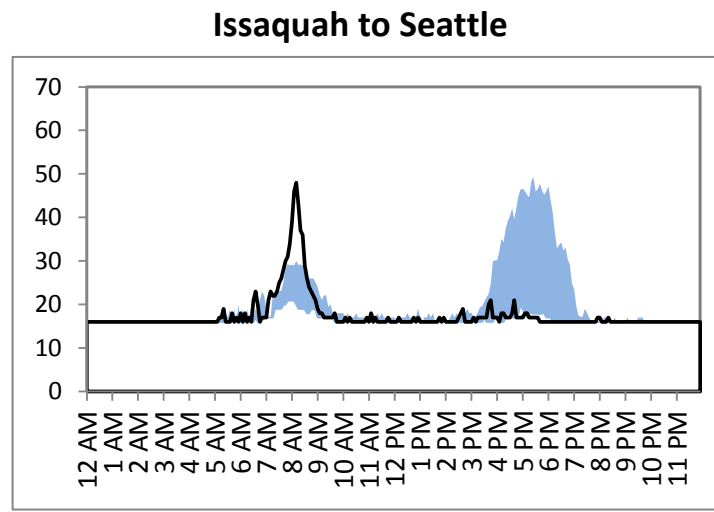
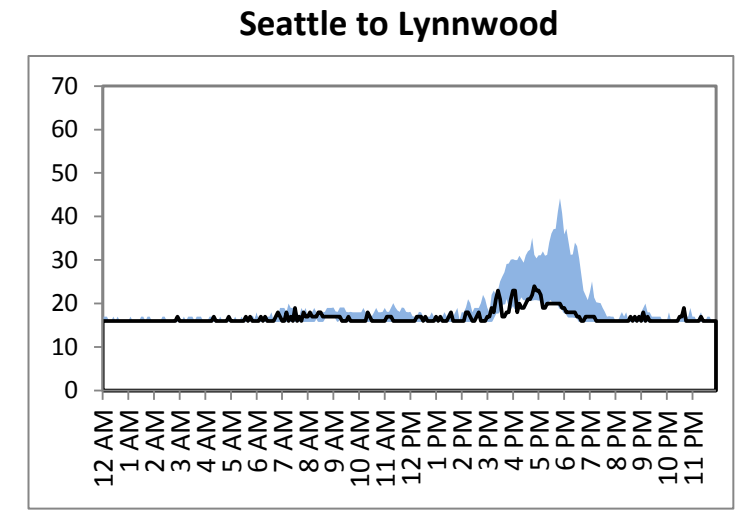
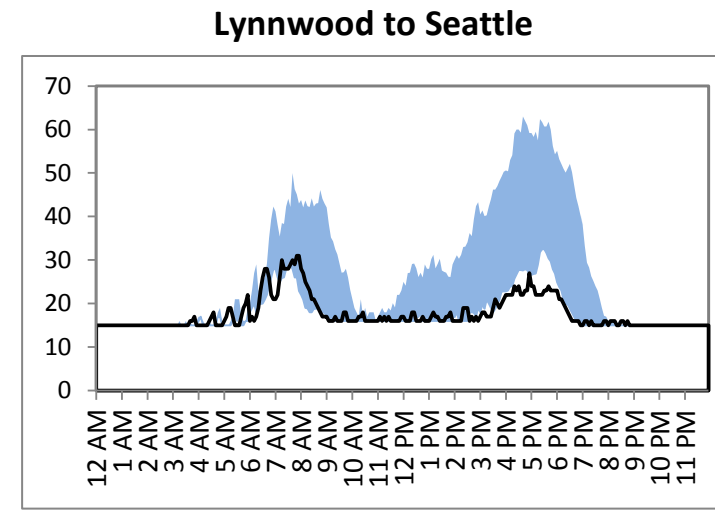
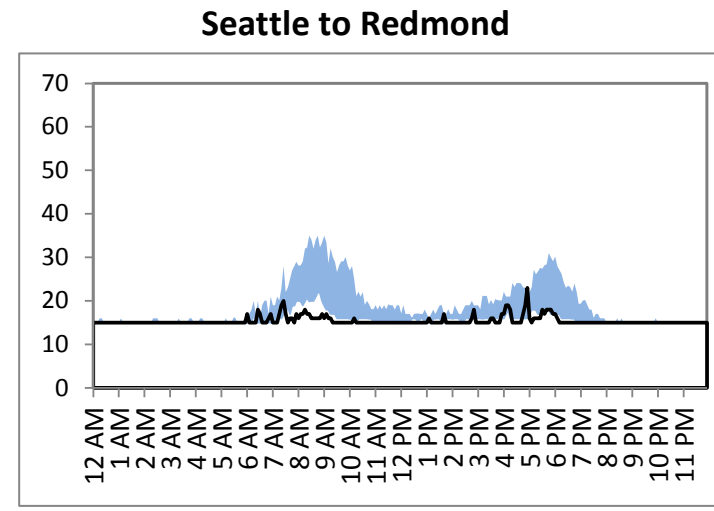
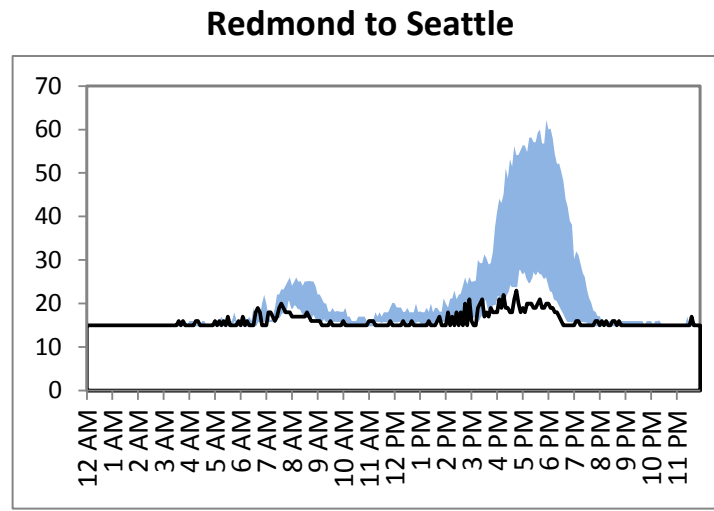
SR 520 Tolling: Traffic Monitoring

Travel Times

Monday, January 9, 2012

— Monday, January 9, 2012

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



SR 520 Tolling: Traffic Monitoring

Congestion Contours

Monday, January 9, 2012

- free flow
- moderate
- heavy
- stop and go



SR 520 Tolling: Traffic Monitoring

SR 520 Detail

Monday, January 9, 2012

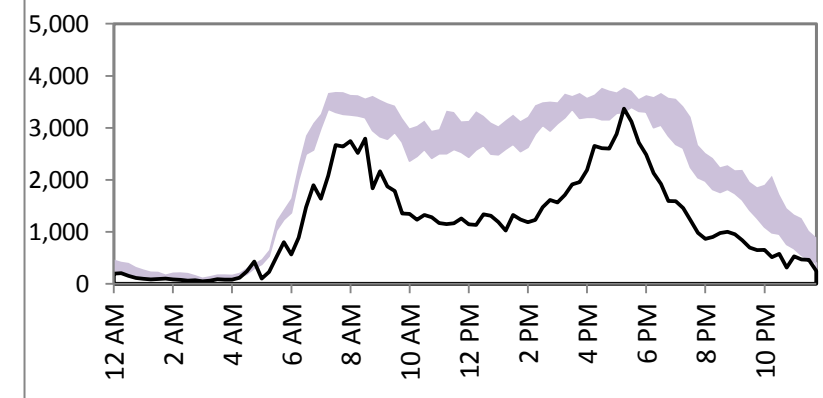
Mainline Volume



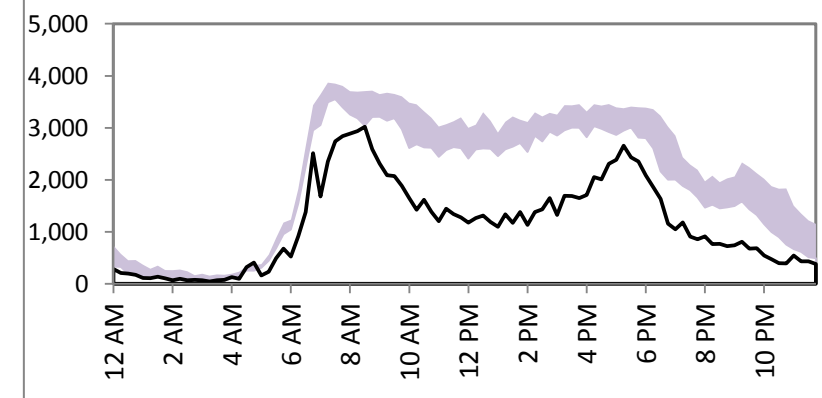
SR 520 Bridge

WB	EB
-45%	-44%
28,300	27,700
51,600	49,500

SR 520 WB Bridge



SR 520 EB Bridge



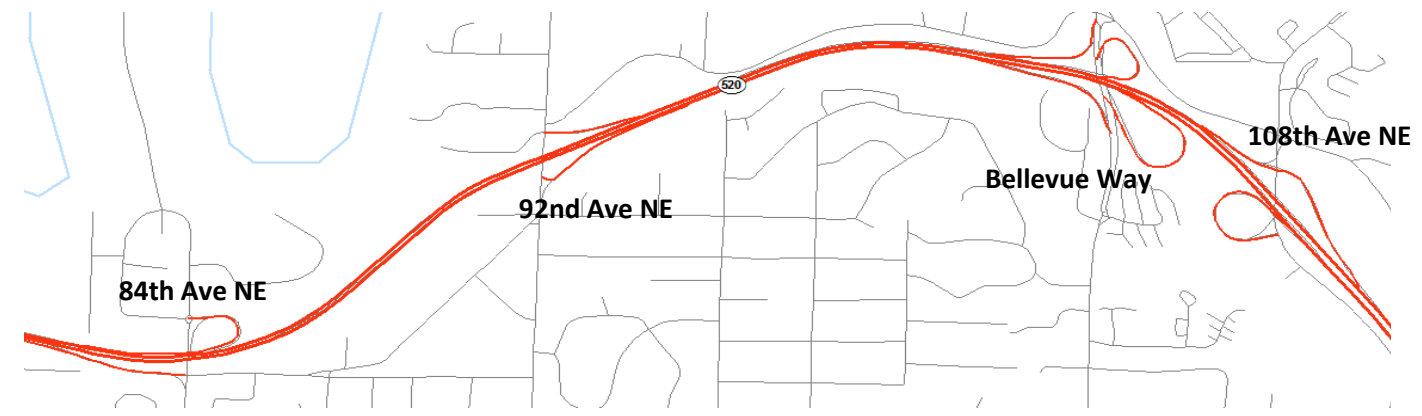
Ramp Volume

Montlake Blvd		Lk Wa Blvd
WB on ramp	WB exit	WB exit
2%	-39%	-38%
13,900	5,900	3,100
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
-60%	11%	-43%	-35%	-29%	-10%
2,300	4,200	2,000	3,300	2,200	11,100
5,700	3,800	3,500	5,100	3,100	12,300



7%	-38%	-45%
13,200	7,500	2,700
12,300	12,100	4,900
EB exit	EB on ramp	EB on ramp
Montlake Blvd	Lk Wa Blvd	



-54%	-4%	-39%	1%
2,600	4,700	5,500	10,600
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

Monday, January 9, 2012

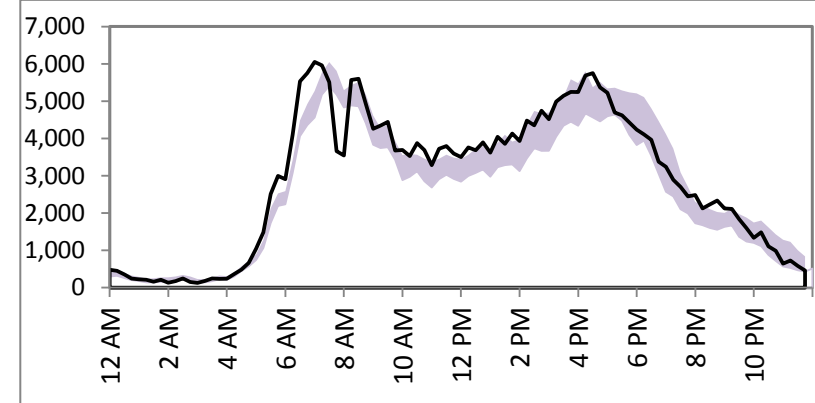
Mainline Volume



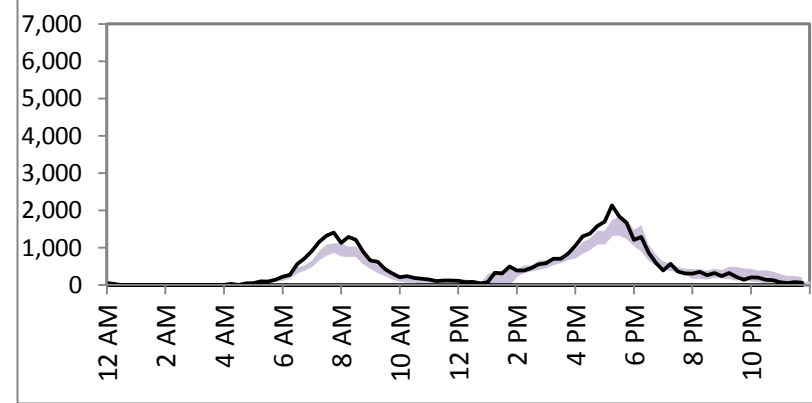
I-90 Bridge

WB	EB
7%	6%
73,500	73,100
68,800	69,100

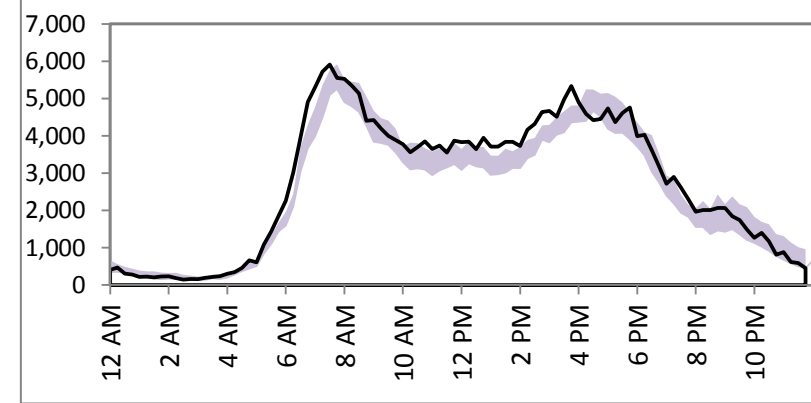
I-90 WB Bridge



I-90 REV Bridge



I-90 EB Bridge



Bellevue Way Ramp Volume

I-90 EB to Bellevue Way	Bellevue Way to I-90 WB
10%	0%
8,900	9,300
8,100	9,300

SR 520 Tolling: Traffic Monitoring

SR 522 Detail

Monday, January 9, 2012

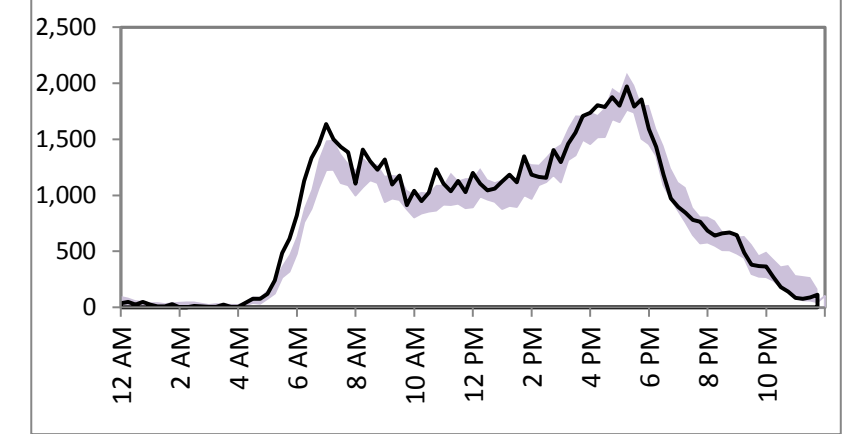
— Monday, January 9, 2012
 ■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)

Mainline Volume

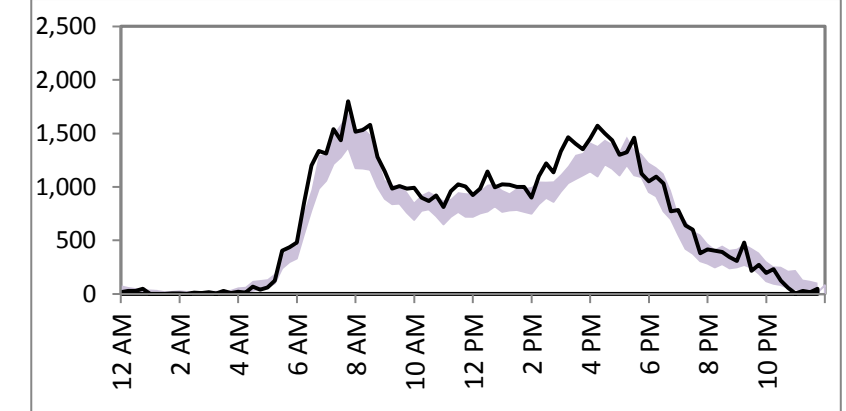


83rd PI NE	
WB	EB
5%	12%
19,900	17,000
18,900	15,200

SR 522 WB at 83rd Ave NE

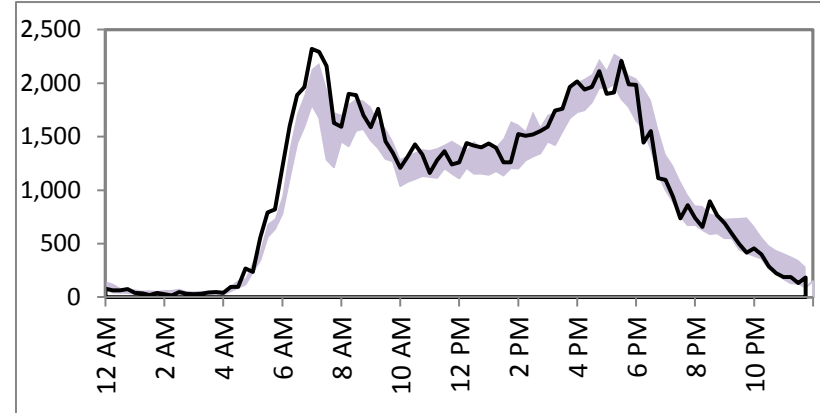


SR 522 EB at 83rd Ave NE



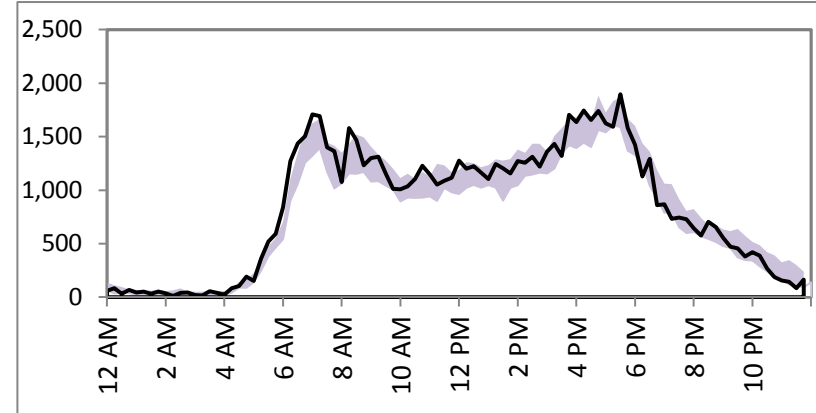
68th Ave NE	
WB	EB
3%	5%
24,800	17,600
24,000	16,700

SR 522 WB at 68th Ave NE



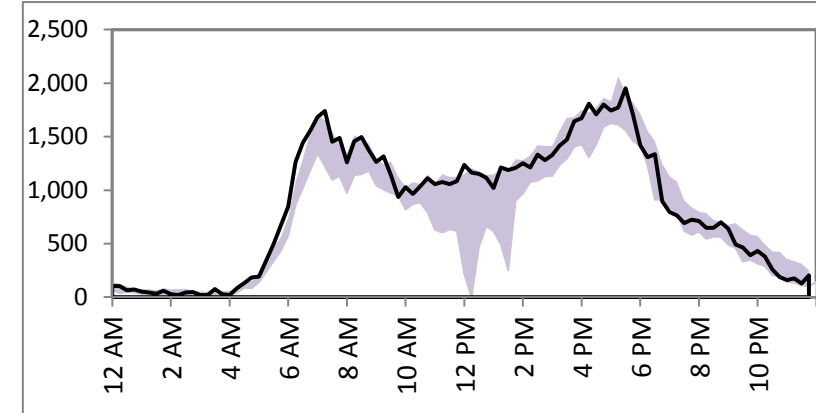
73rd Ave NE	
WB	EB
3%	5%
20,200	19,300
19,700	18,400

SR 522 WB at 73rd Ave NE



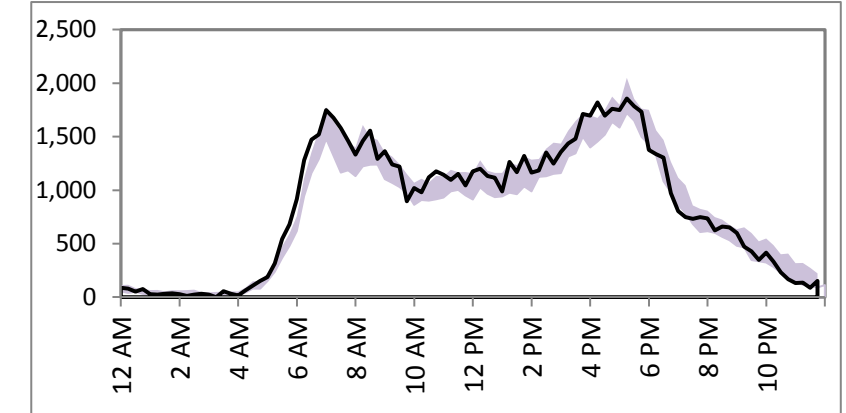
77th Ct NE	
WB	EB
2%	5%
20,500	19,500
20,100	18,600

SR 522 WB at 77th Ct NE

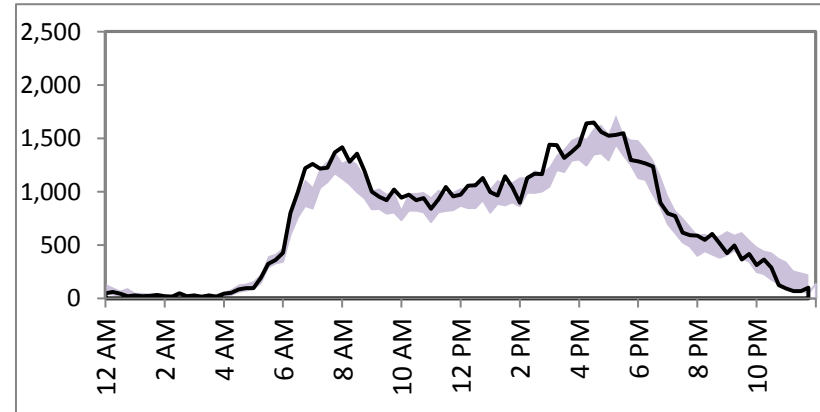


80th Ave NE	
WB	EB
2%	7%
20,500	19,000
20,000	17,800

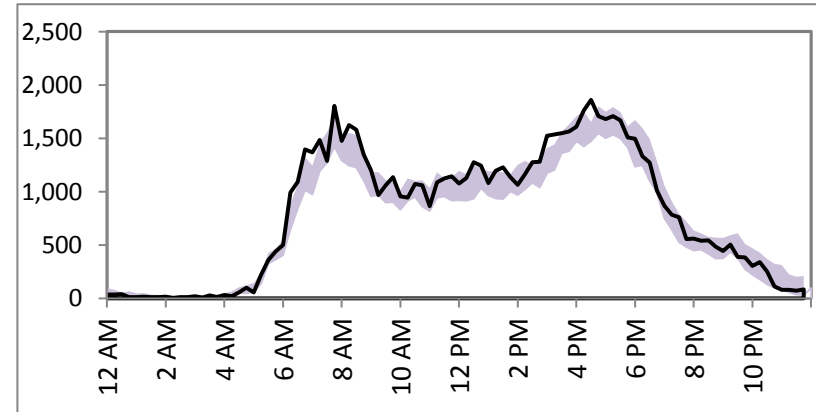
SR 522 WB at 80th Ave NE



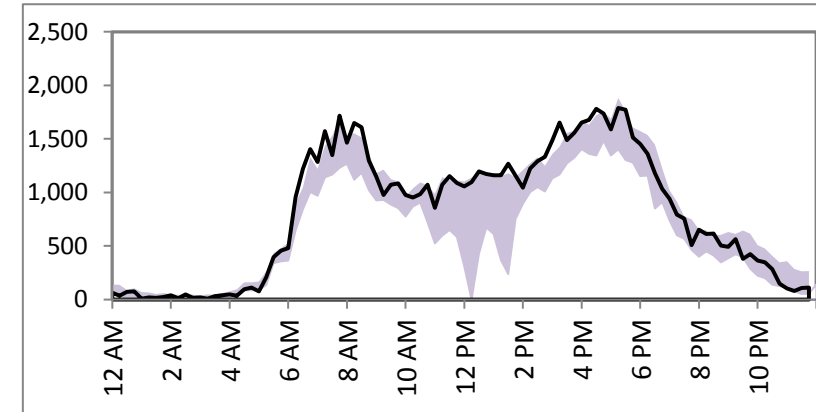
SR 522 EB at 68th Ave NE



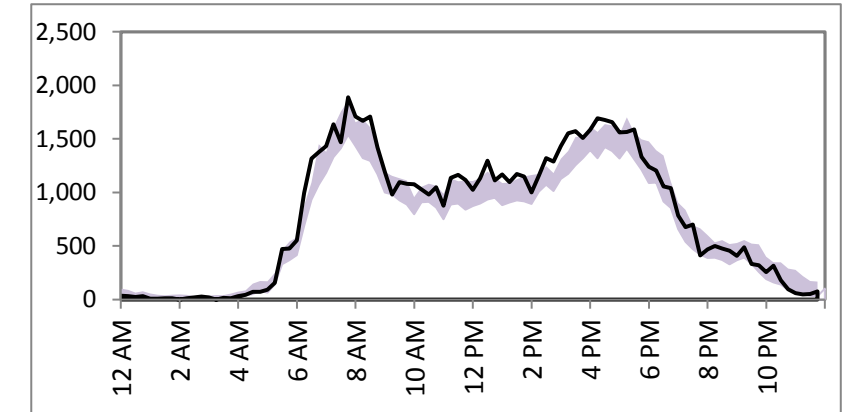
SR 522 EB at 73rd Ave NE



SR 522 EB at 77th Ct NE



SR 522 EB at 80th Ave NE

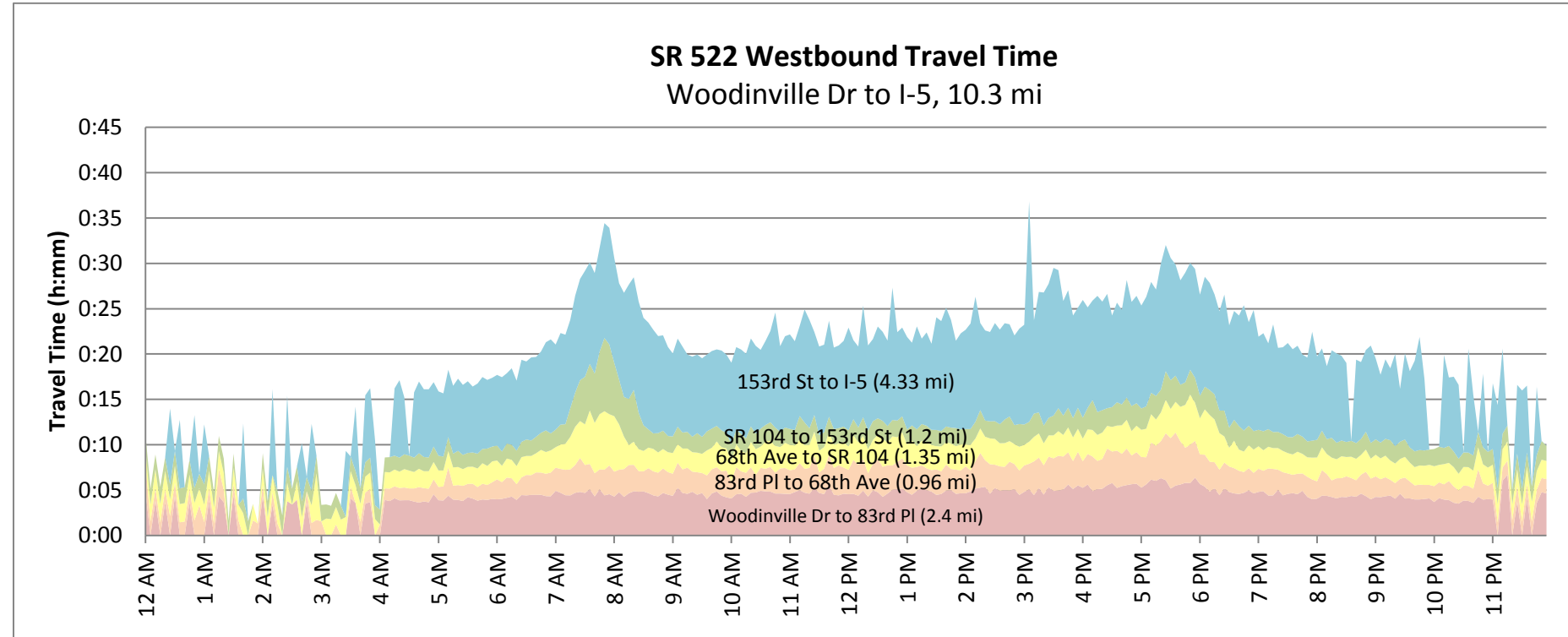


SR 520 Tolling: Traffic Monitoring

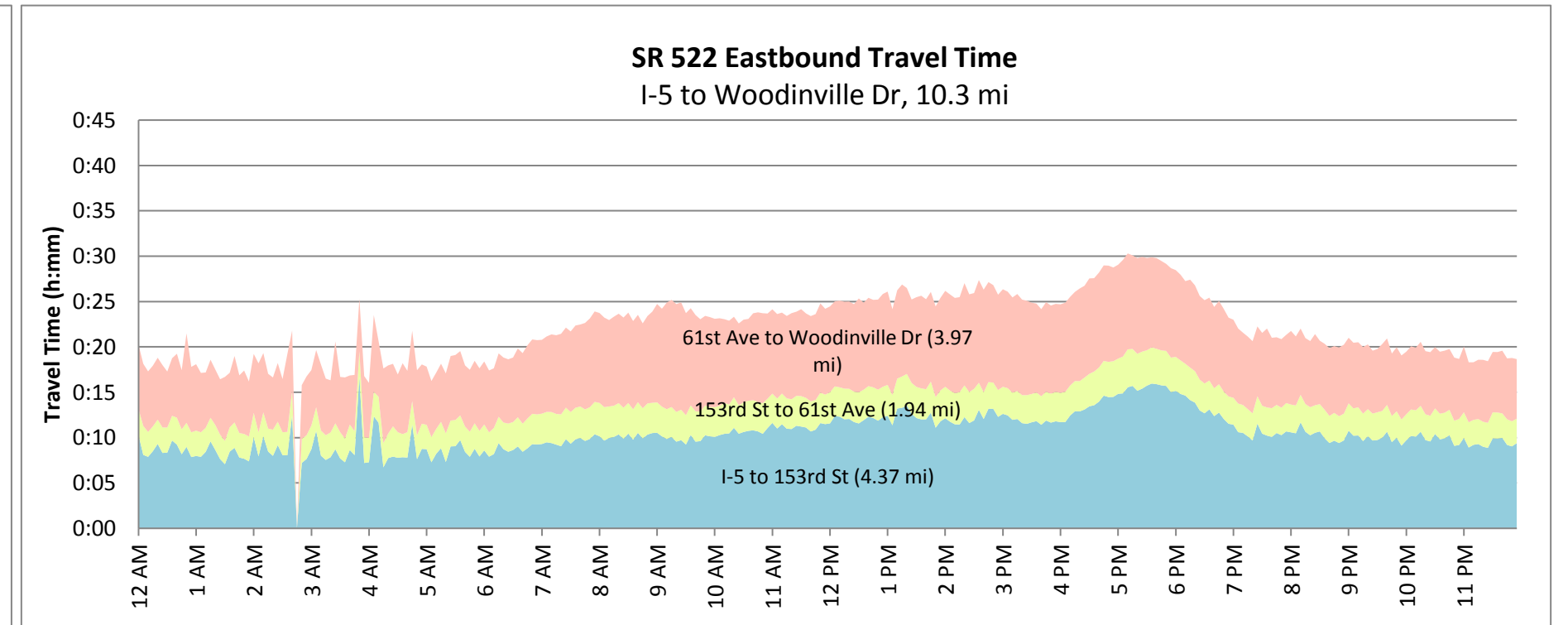
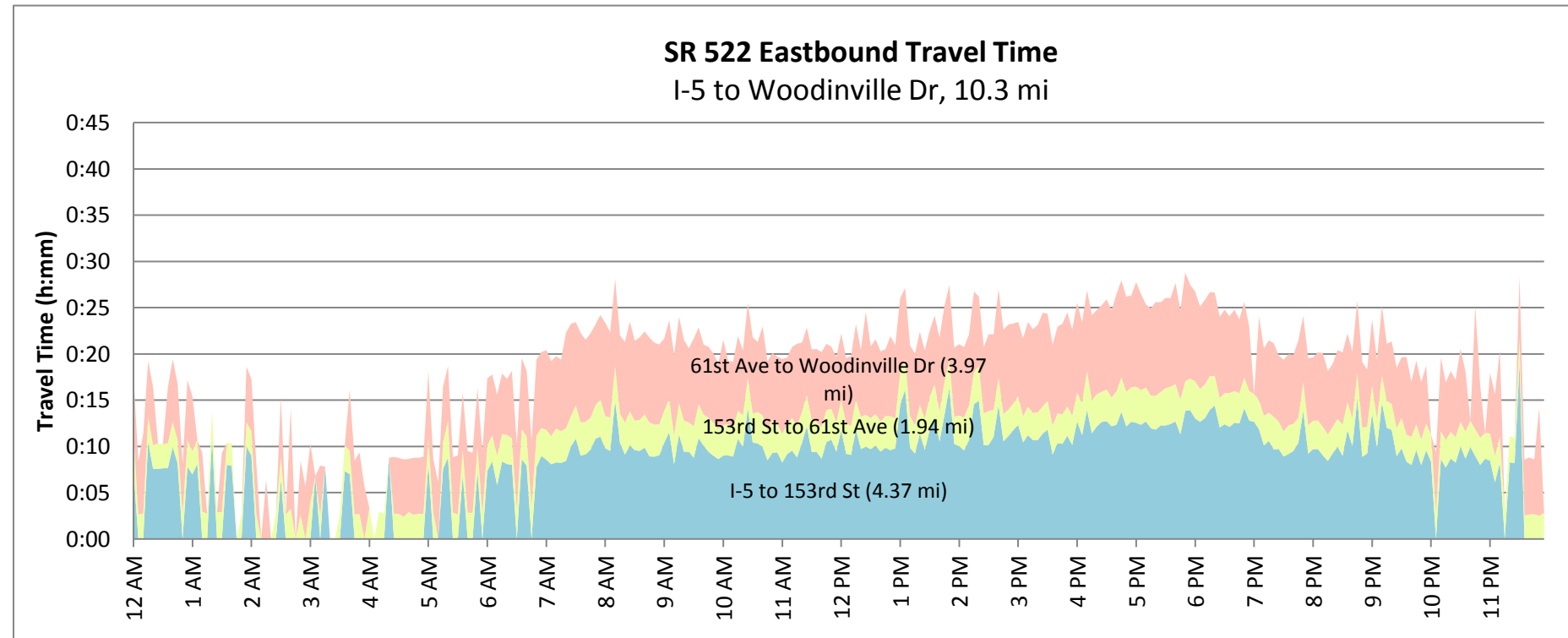
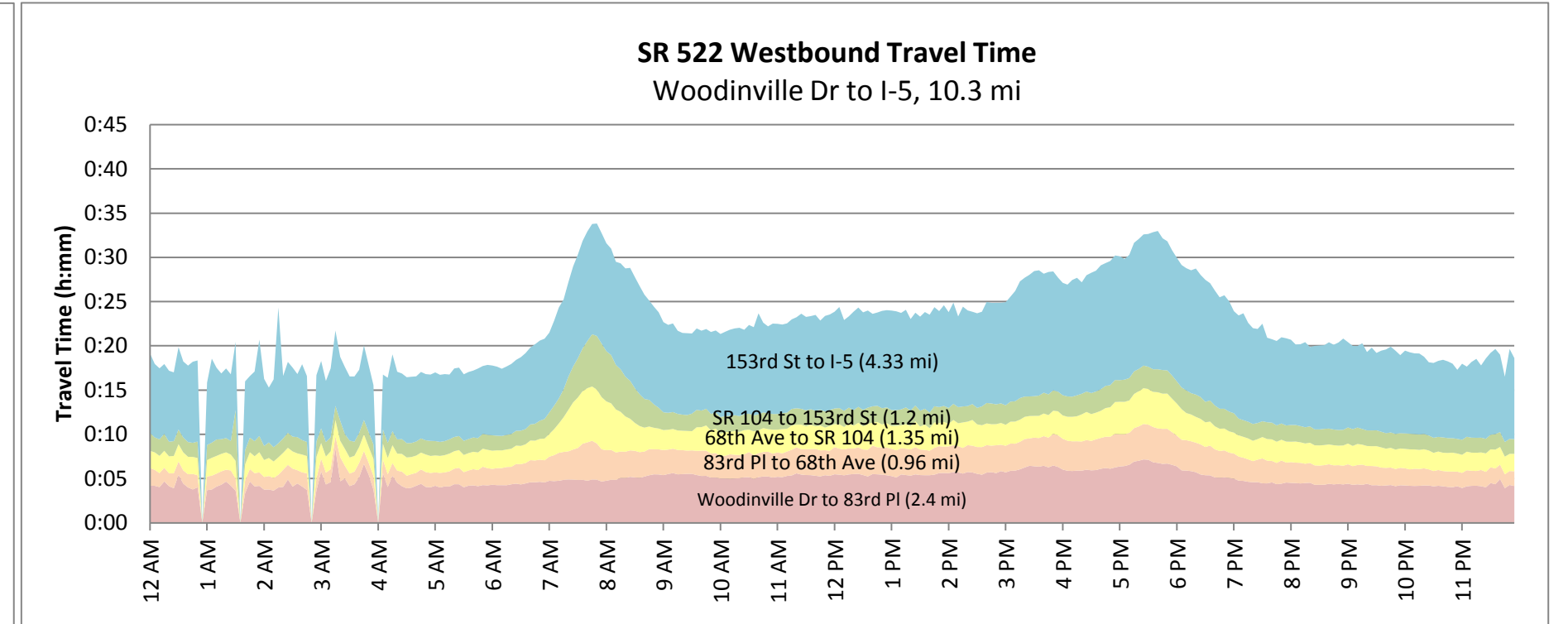
SR 522 Travel Times

Monday, January 9, 2012

1/9/2012



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



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