



SR 520 Tolling: Traffic Monitoring

Tuesday, January 03, 2012

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

Daily Volume:

% change
1/3/2012
baseline

SR 520 Bridge

-48%
52,800
101,100

I-90 Bridge

7%
147,600
137,900

SR 522 at 83rd Ave NE

3%
35,200
34,100

Traffic Summary:

Traffic volume on the SR 520 bridge was down almost 50% compared to a typical weekday. I-90 volume was up by 7% and SR 522 volume was up only slightly. The rest of the region had up to a 7% decrease in volume compared to a typical weekday. Travel time across SR 520 was much faster than usual in both the morning and evening peaks. Travel time across the I-90 bridge was within the normal range, except for westbound in the morning when it was longer than usual due a blocking incident. Travel time on SR 522 between I-5 and I-405 was about the same as usual westbound all day and eastbound in the morning, but it was longer than usual eastbound in the evening. Eastbound evening travel time reached 40 minutes, 10-12 minutes longer than normal due to delays between I-5 and 153rd St.

Major Incidents:

Collision on I-405 NB at SR 167 blocking 1 lane from 6:09 am to 8:47 am
 Collision on I-405 SB at SR 527 blocking 2 lanes from 6:30 to 6:35 am
 Collision on I-5 SB at 220th St SW blocking the center lane from 7:26 to 7:30 am
 Disabled vehicle on I-90 WB at Island Crest Way blocking 1 lane from 7:50 to 8:13 am
 Disabled vehicle on I-405 NB at SR 520 blocking 1 lane from 9:05 to 9:12 am
 Disabled vehicle on I-5 NB at I-90 blocking 1 lane from 2:15 to 2:21 pm
 Collision on I-5 NB at NE 175th St blocking 1 lane from 3:51 to 3:56 pm
 Collision on I-5 NB at Michigan St blocking 1 lane from 3:53 to 4:00 pm
 Disabled vehicle on SR 520 WB at 92nd Ave NE blocking 1 lane from 4:27 to 4:37 pm
 Collision on I-5 SB at the West Seattle Bridge blocking 2 lanes from 4:50 to 4:55 pm

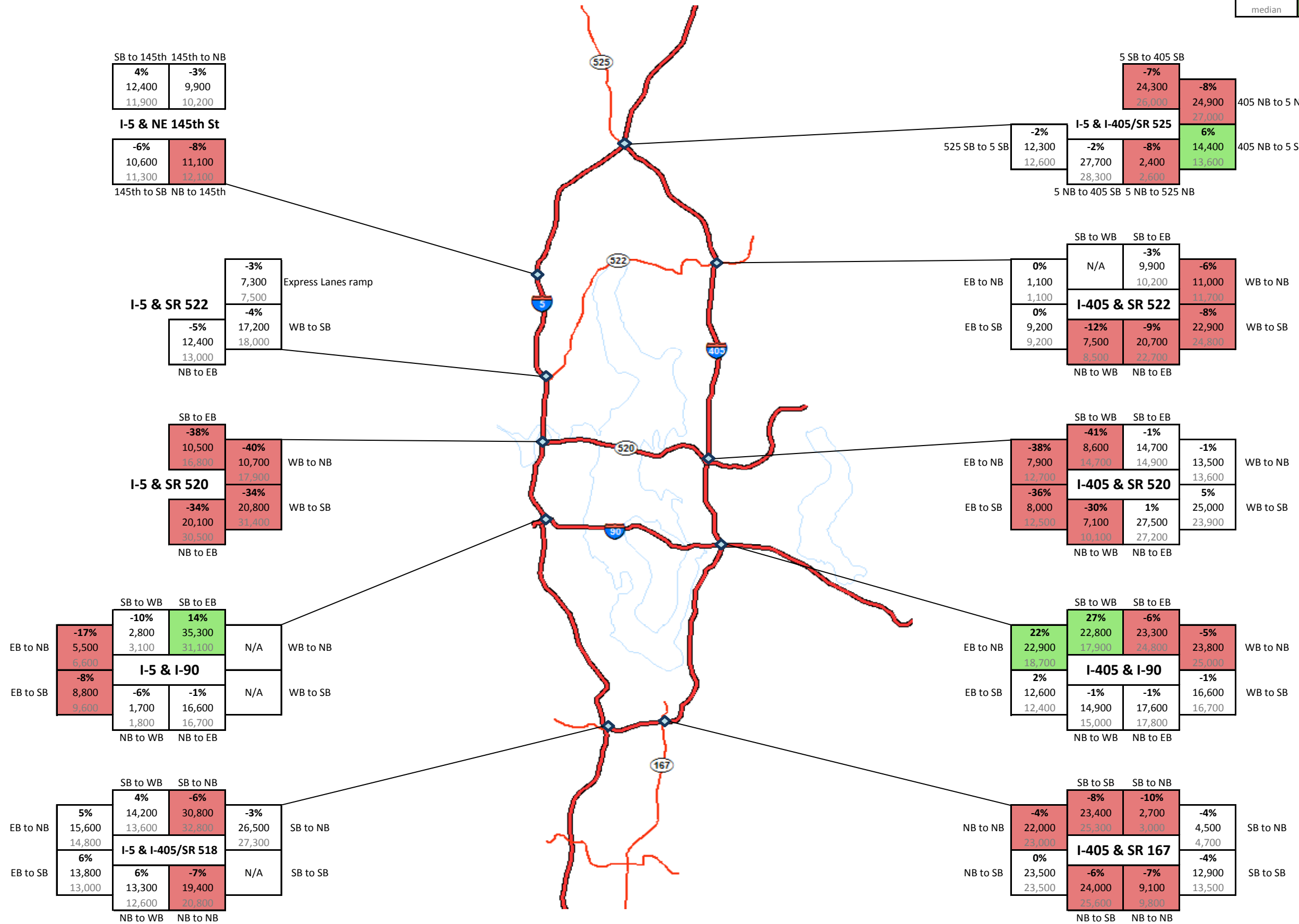
Special Events:

None

SR 520 Tolling: Traffic Monitoring
Daily Interchange Volumes
Tuesday, January 03, 2012

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

% change	above range	below range
1/3/2012	of typical	of typical
median	variation	variation
	(10th/90th percentile)	



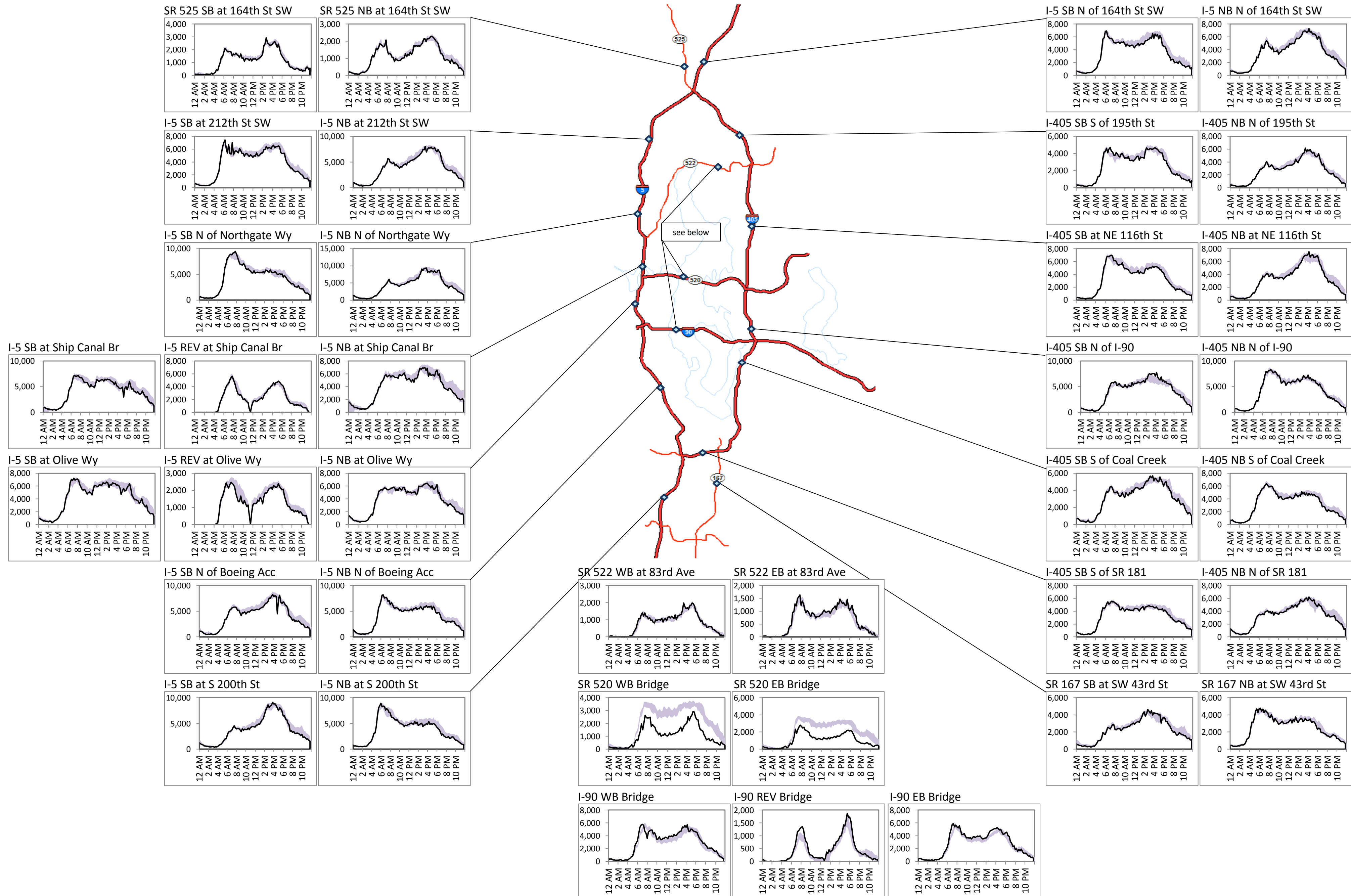
SR 520 Tolling: Traffic Monitoring

Hourly Mainline Volumes

Tuesday, January 3, 2012

— Tuesday, January 3, 2012

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



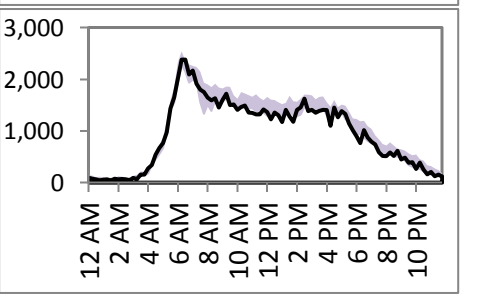
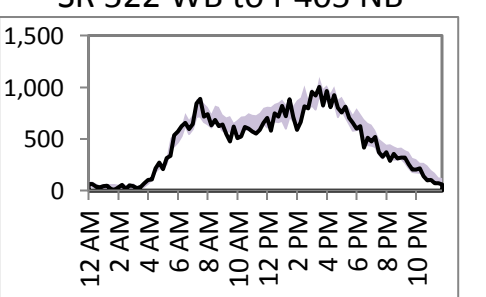
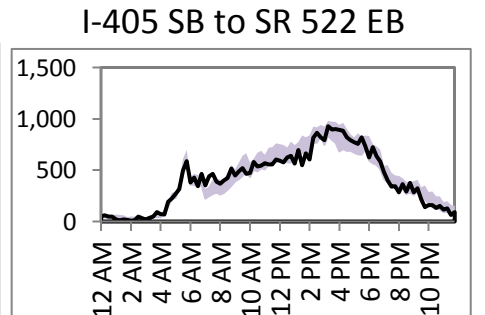
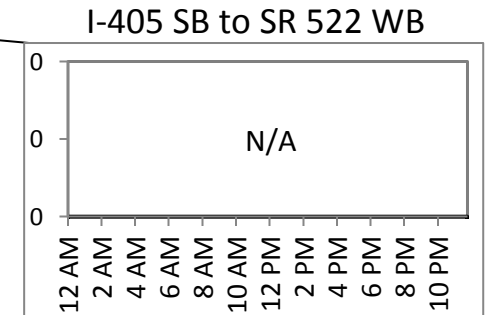
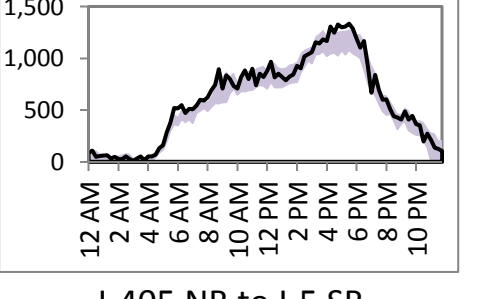
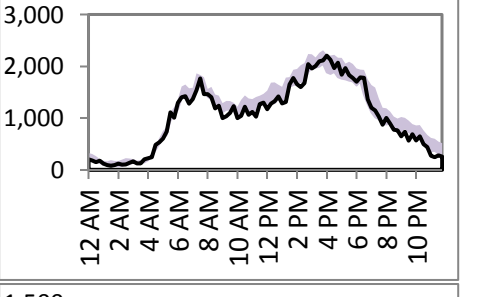
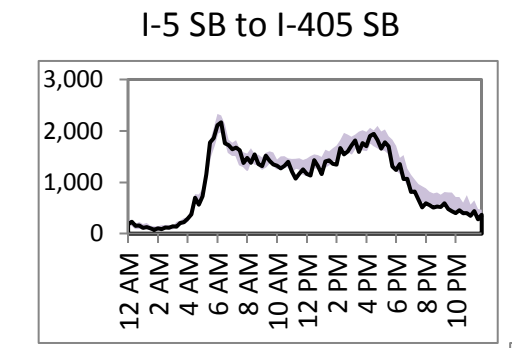
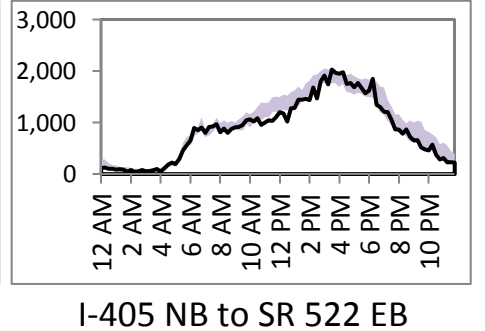
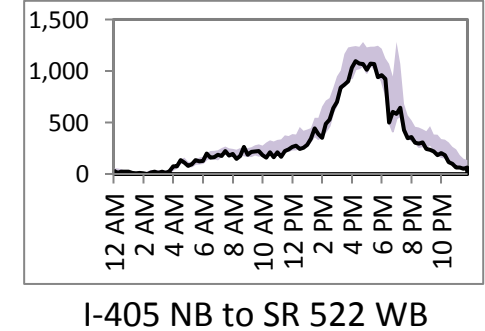
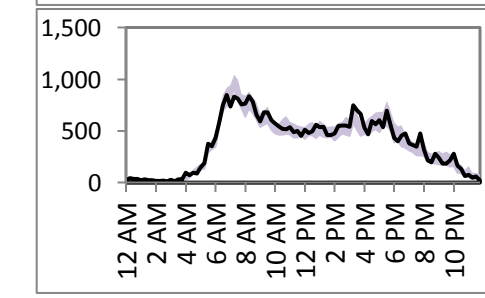
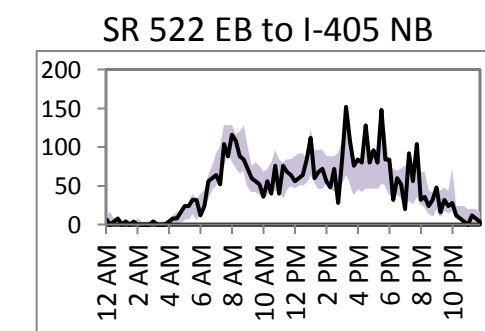
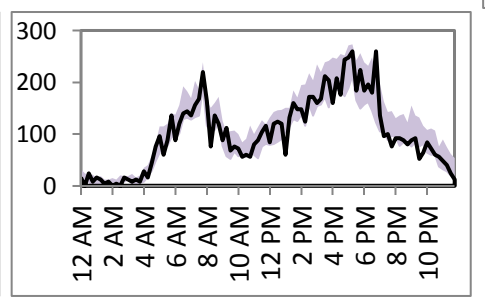
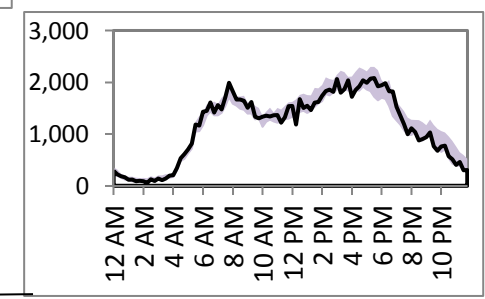
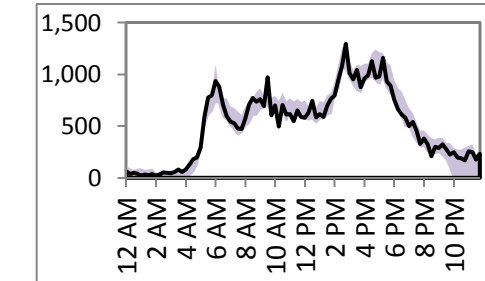
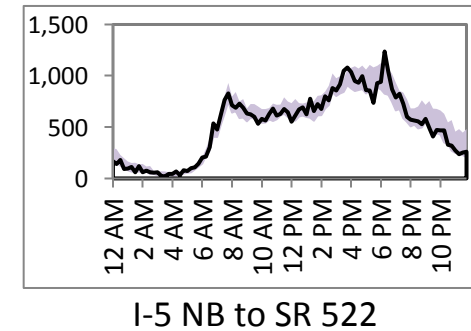
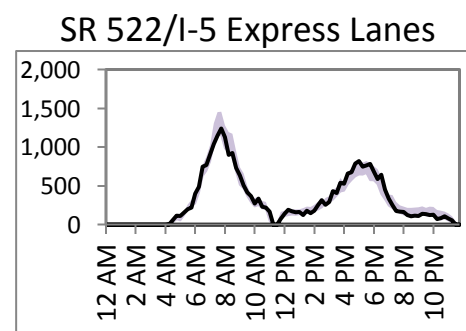
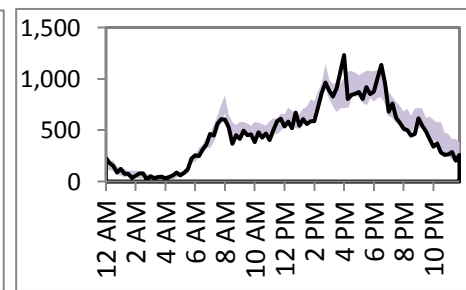
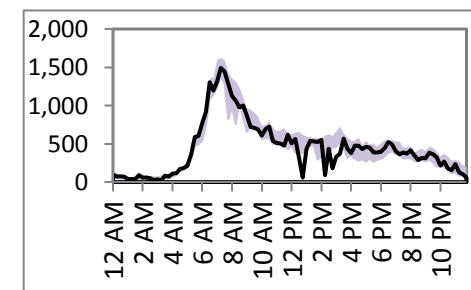
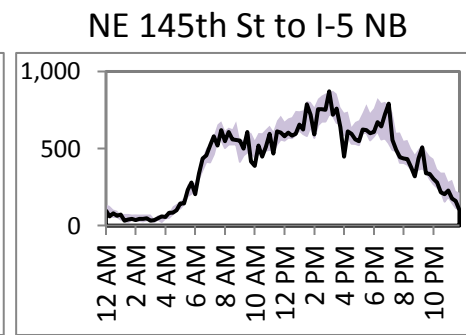
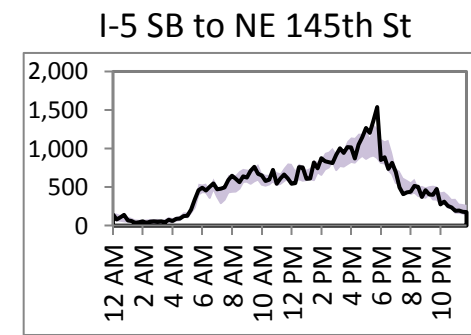
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

Tuesday, January 3, 2012

— Tuesday, January 3, 2012

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



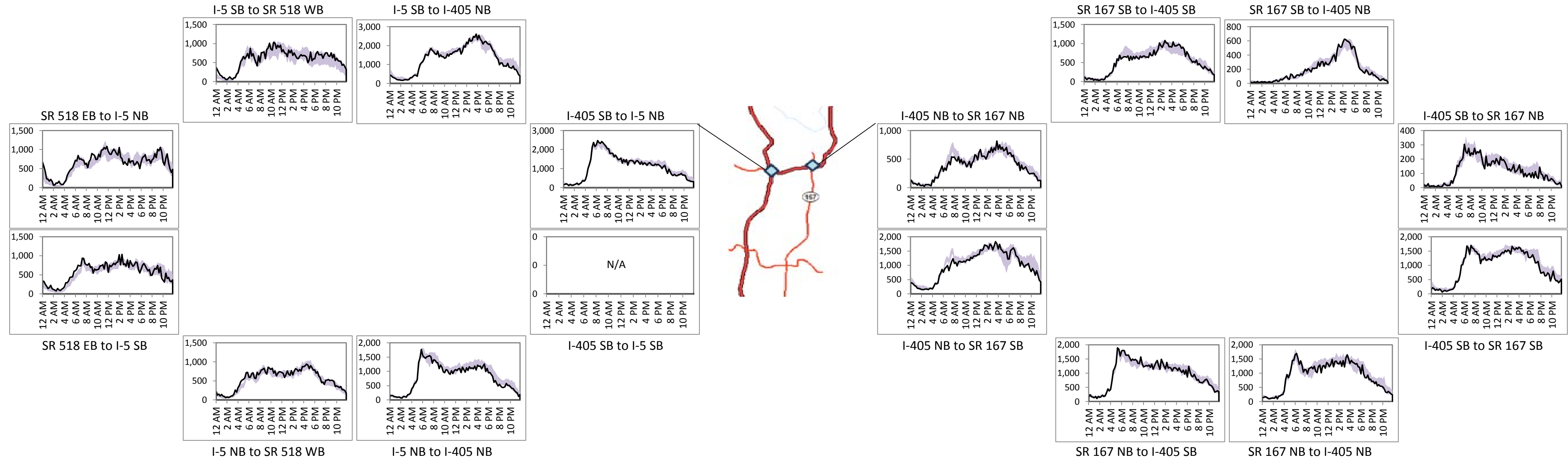
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

Tuesday, January 3, 2012

— Tuesday, January 3, 2012

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



SR 520 Tolling: Traffic Monitoring

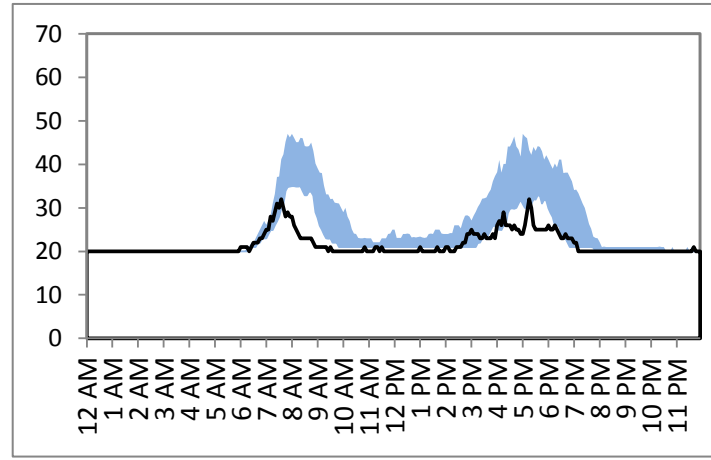
Travel Times

Tuesday, January 3, 2012

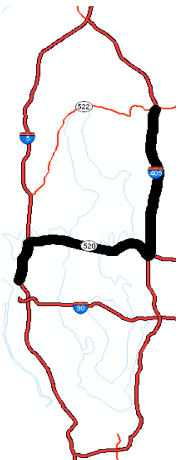
— Tuesday, January 3, 2012

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

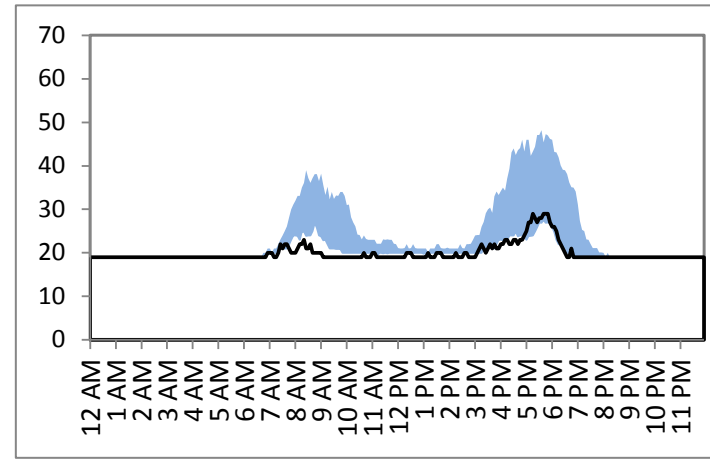
Woodinville to Seattle



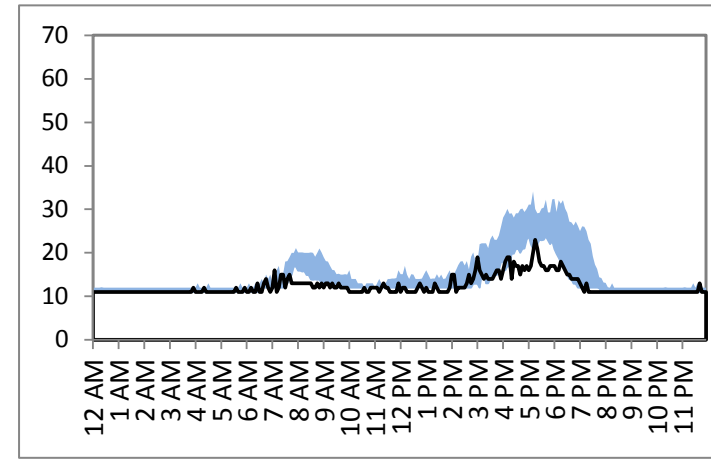
via 520



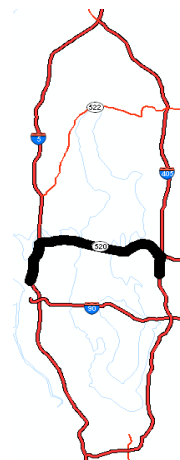
Seattle to Woodinville



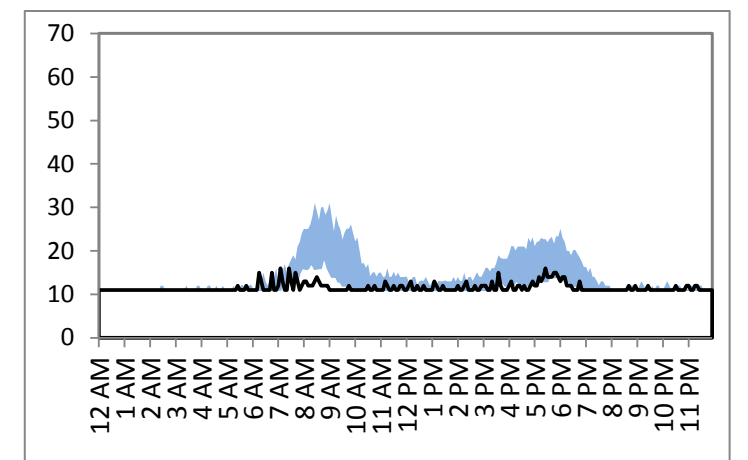
Bellevue to Seattle



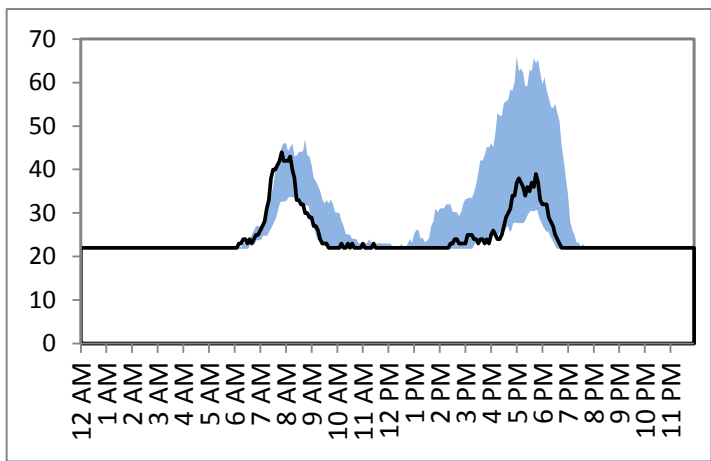
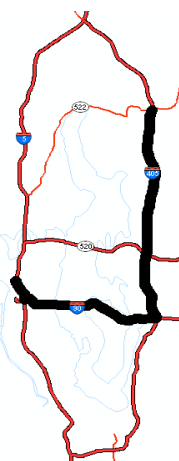
via 520



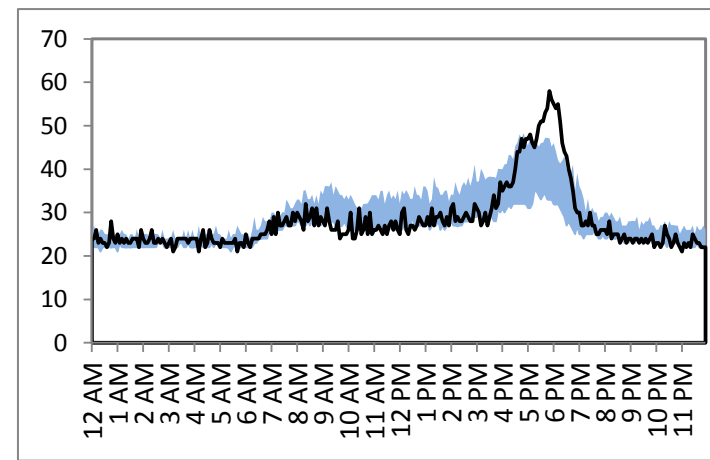
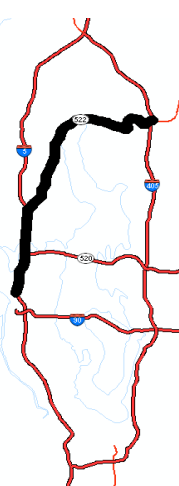
Seattle to Bellevue



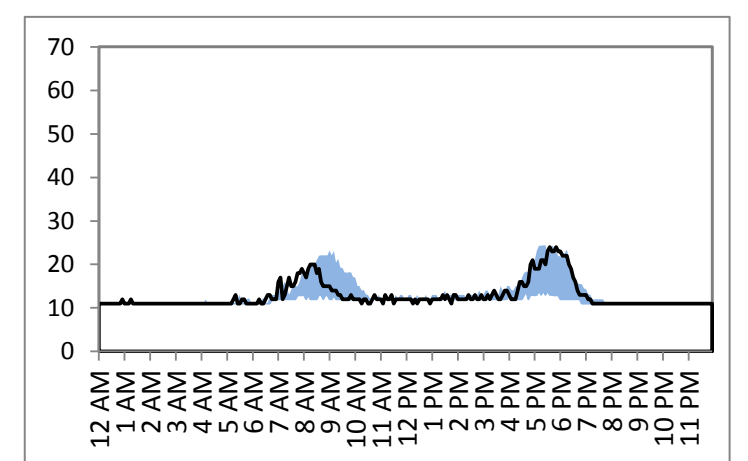
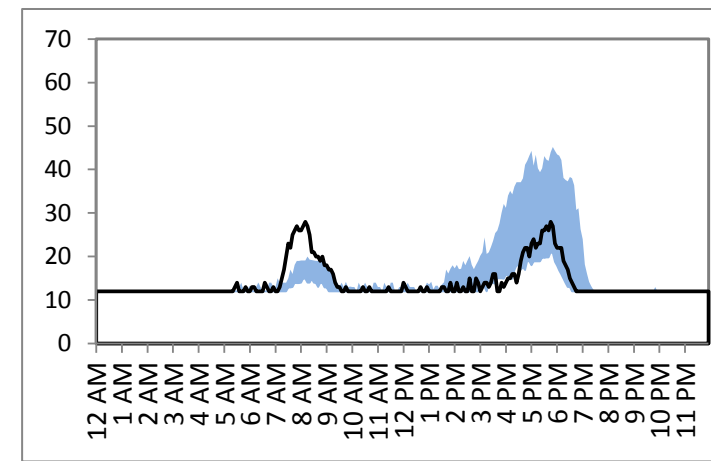
via I-90



via SR 522



via I-90



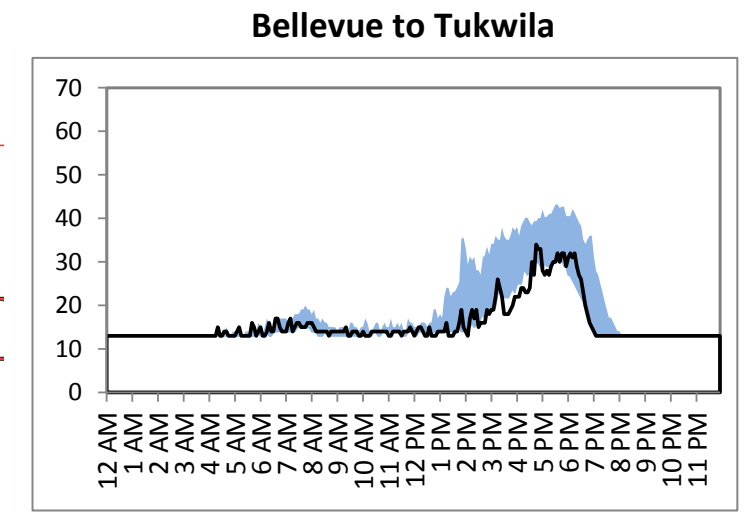
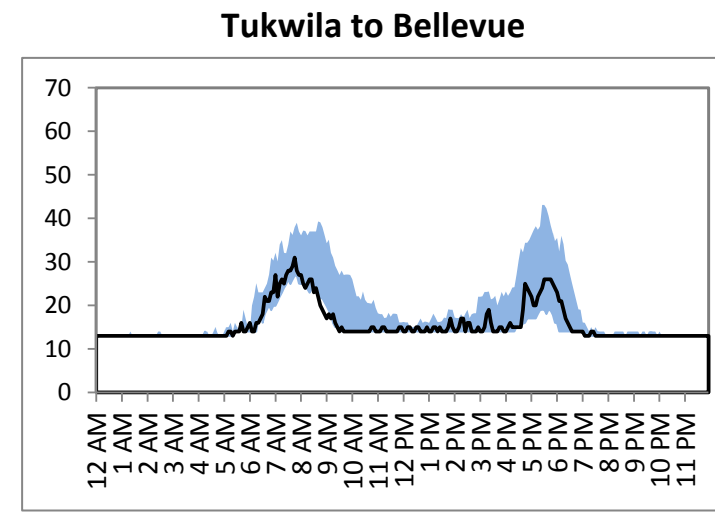
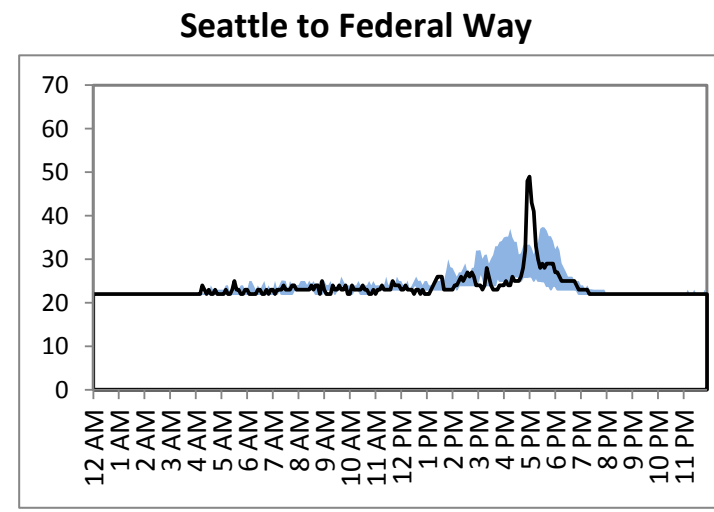
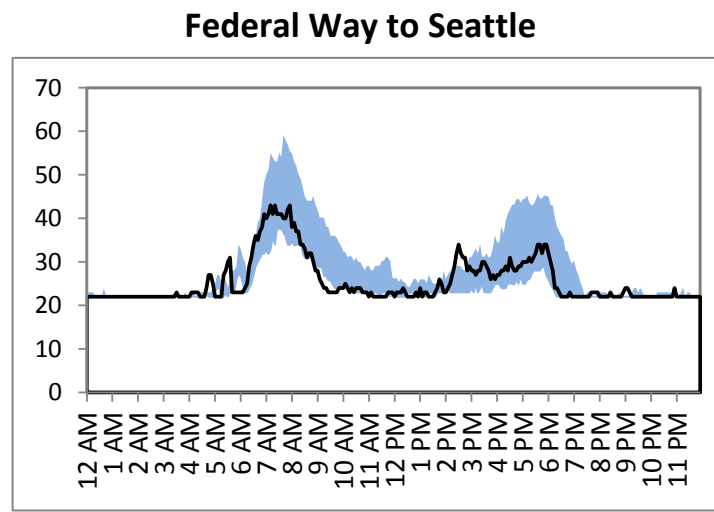
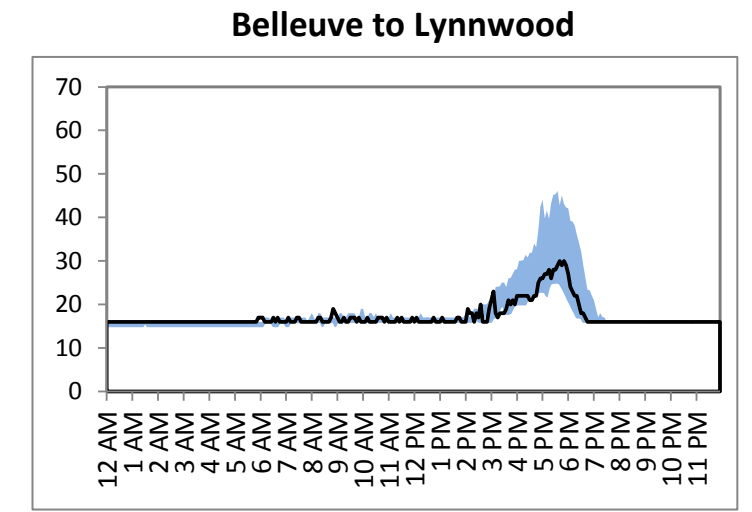
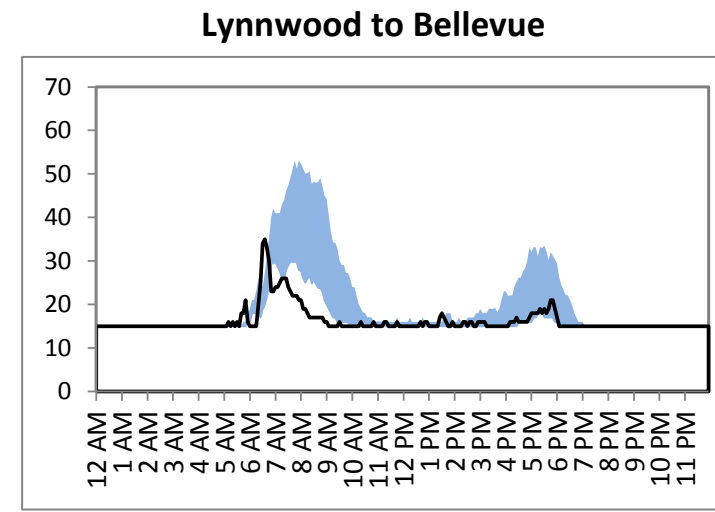
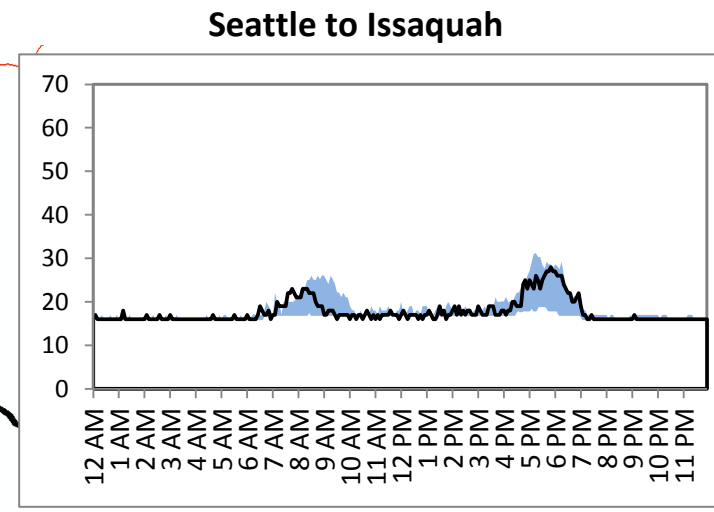
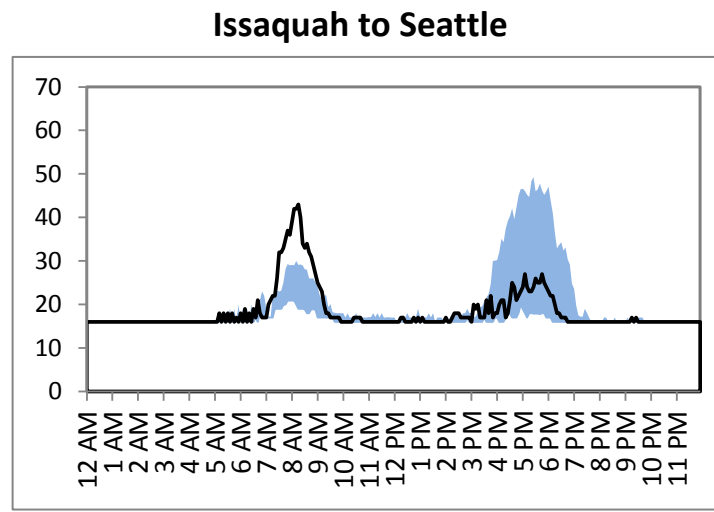
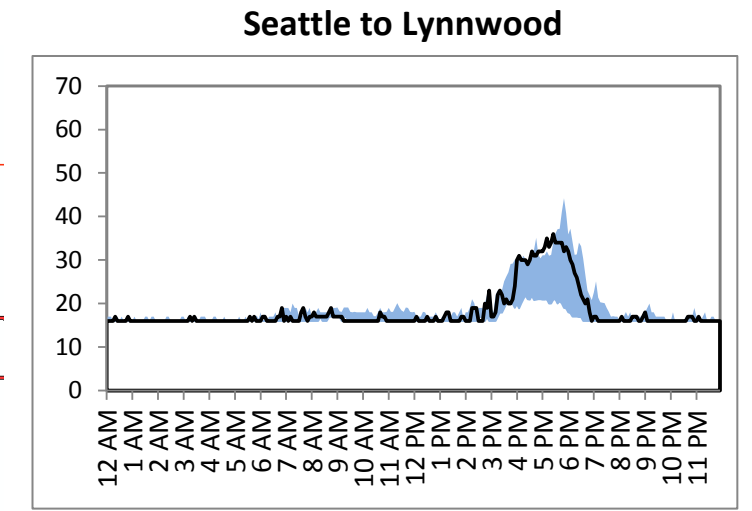
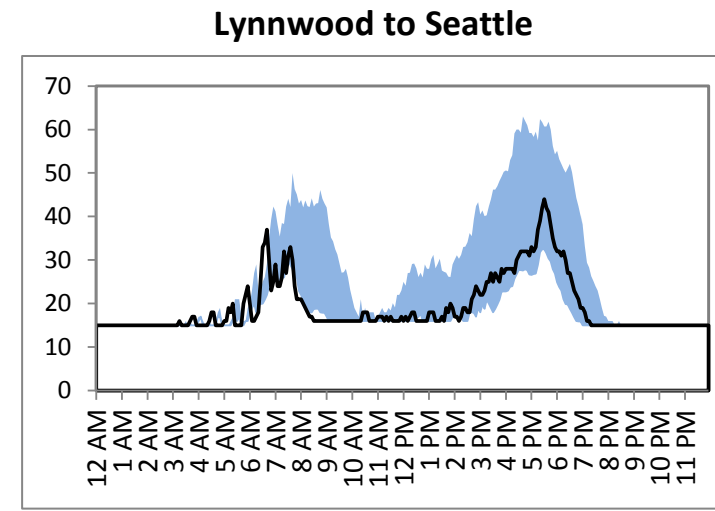
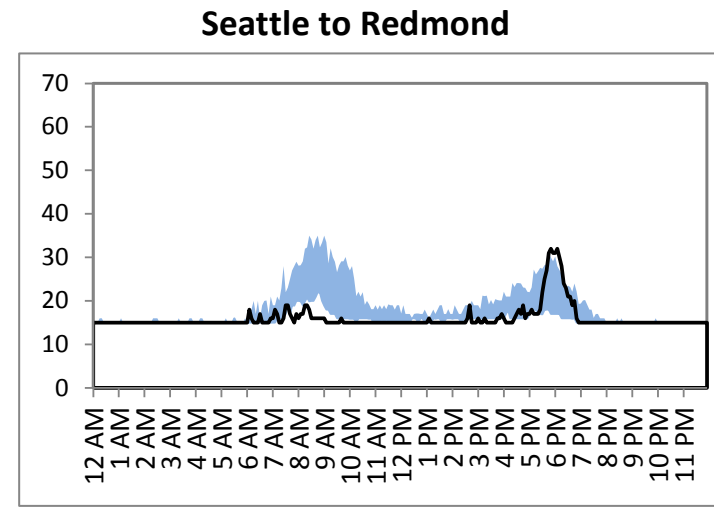
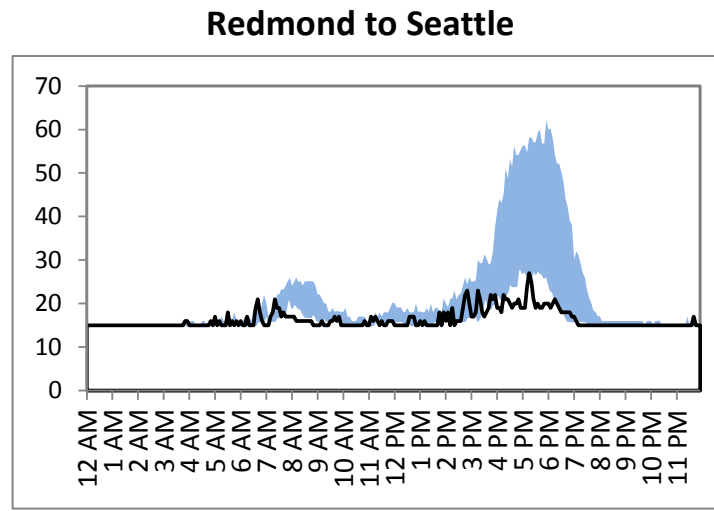
SR 520 Tolling: Traffic Monitoring

Travel Times

Tuesday, January 3, 2012

— Tuesday, January 3, 2012

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

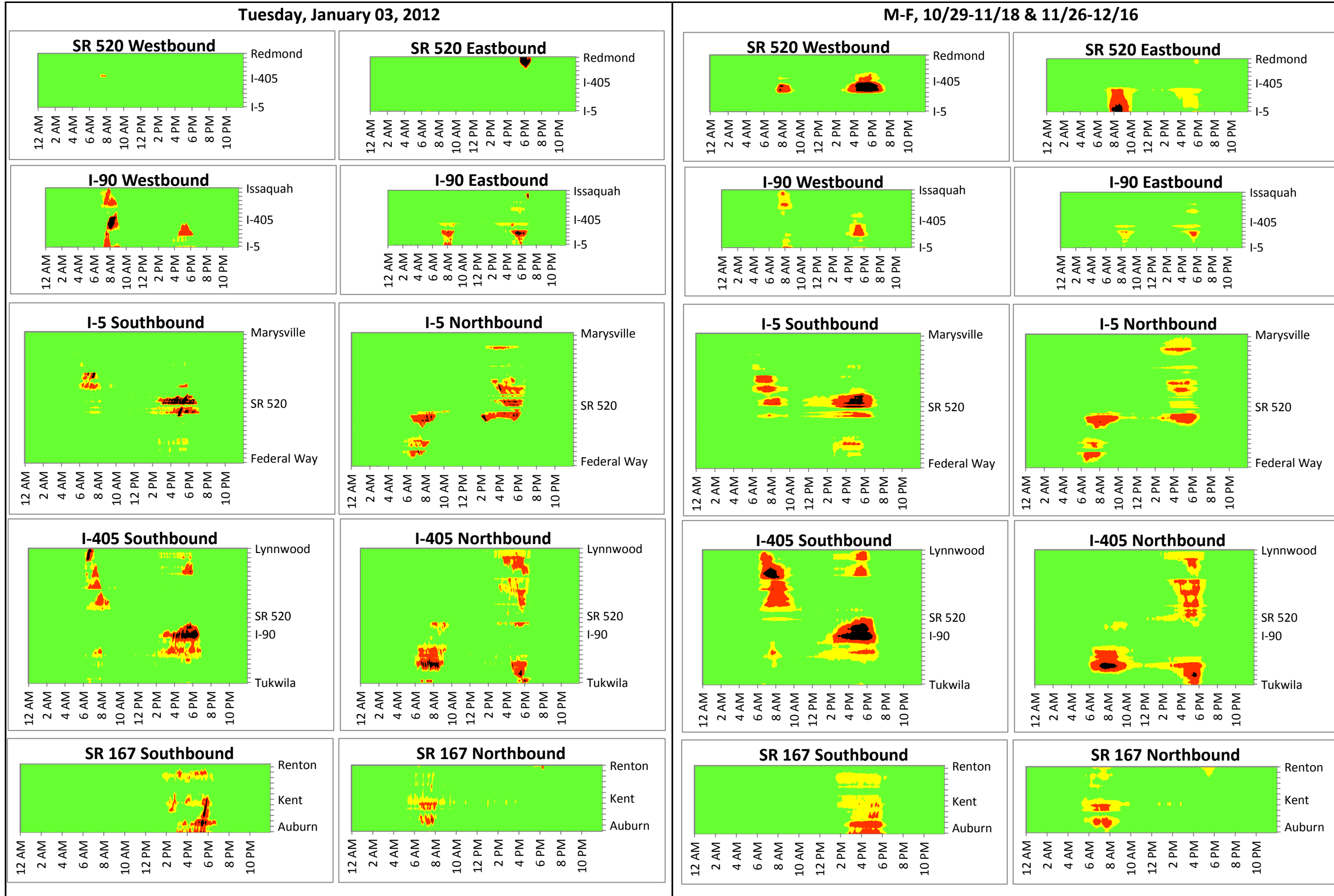


SR 520 Tolling: Traffic Monitoring

Congestion Contours

Tuesday, January 3, 2012

- free flow
- moderate
- heavy
- stop and go



SR 520 Tolling: Traffic Monitoring

SR 520 Detail

Tuesday, January 3, 2012

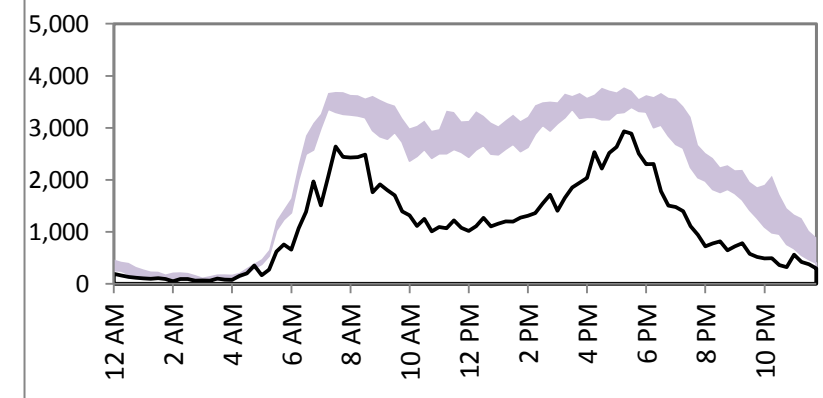
Mainline Volume



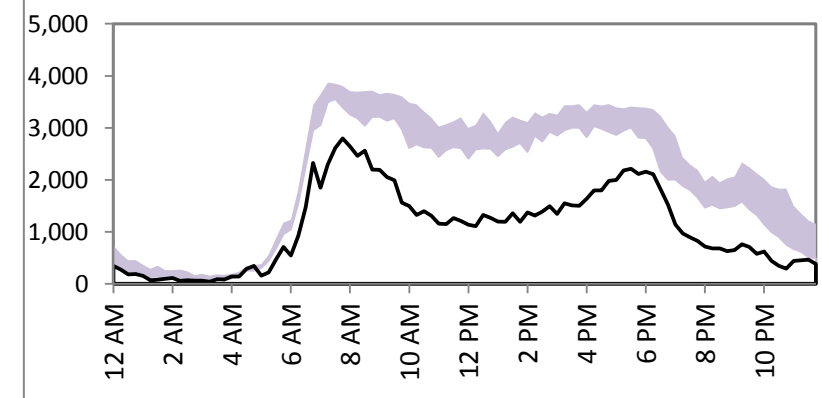
SR 520 Bridge

WB	EB
-48%	-47%
26,700	26,100
51,600	49,500

SR 520 WB Bridge



SR 520 EB Bridge



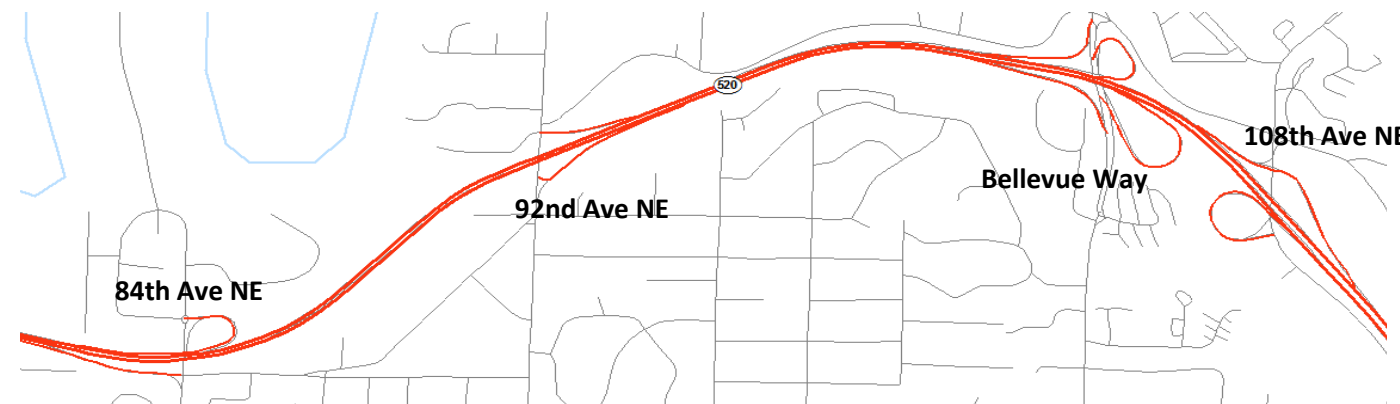
Ramp Volume

Montlake Blvd		Lk Wa Blvd
WB on ramp	WB exit	WB exit
2%	-40%	-42%
13,900	5,800	2,900
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%	13%	-46%	-41%	-35%	-12%
2,300	4,300	1,900	3,000	2,000	10,800
5,700	3,800	3,500	5,100	3,100	12,300



6%	-40%	-49%
13,000	7,200	2,500
12,300	12,100	4,900
EB exit	EB on ramp	EB on ramp
Montlake Blvd	Lk Wa Blvd	



-54%	0%	-42%	-6%
2,600	4,900	5,200	9,900
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

Tuesday, January 3, 2012

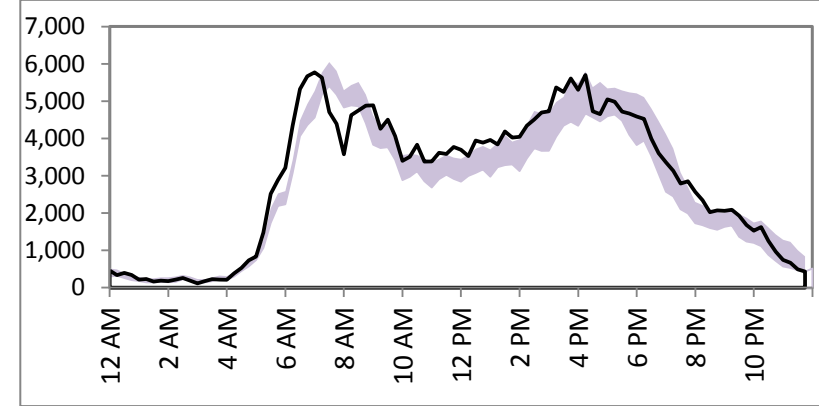
Mainline Volume



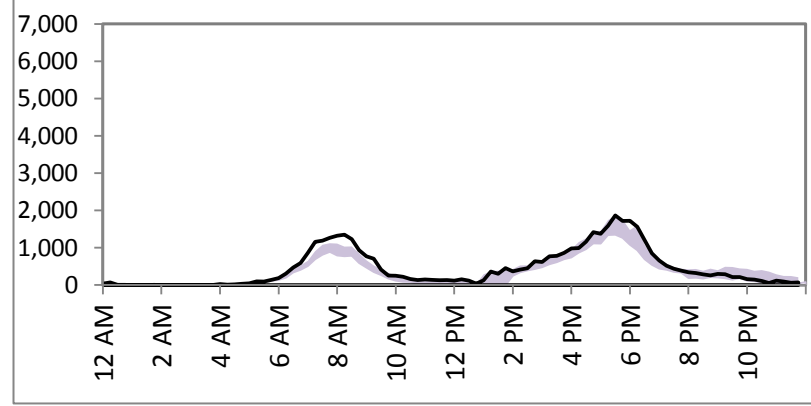
I-90 Bridge

WB	EB
7%	7%
73,700	73,900
68,800	69,100

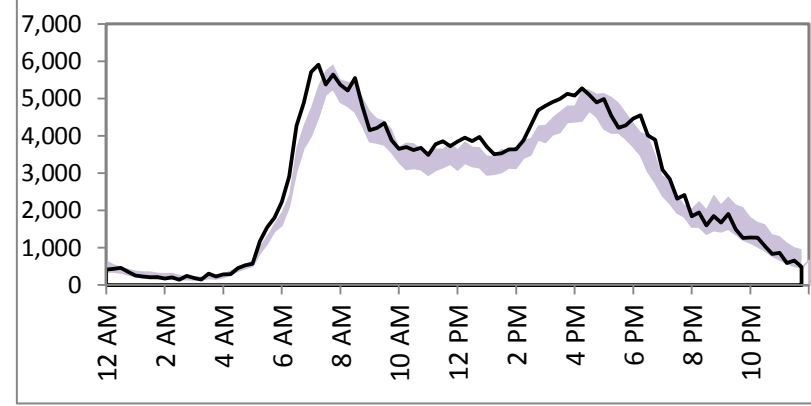
I-90 WB Bridge



I-90 REV Bridge



I-90 EB Bridge



Bellevue Way Ramp Volume

I-90 EB to Bellevue Way	Bellevue Way to I-90 WB
6%	1%
8,600	9,400
8,100	9,300

SR 520 Tolling: Traffic Monitoring

SR 522 Detail

Tuesday, January 3, 2012

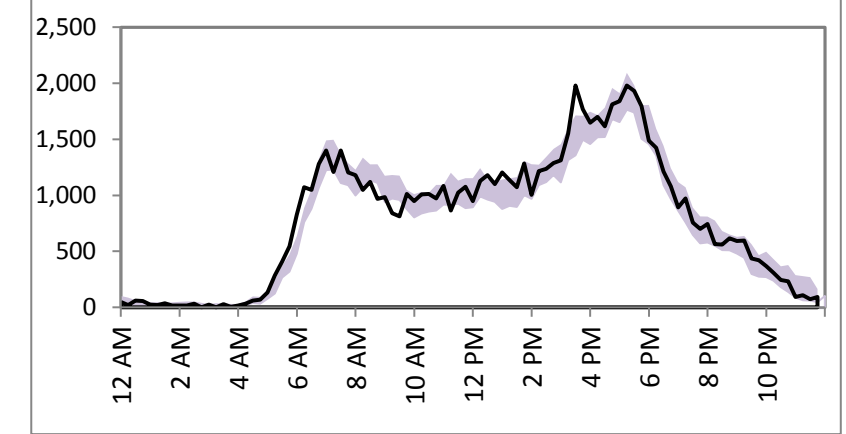
— Tuesday, January 3, 2012
 ■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)

Mainline Volume

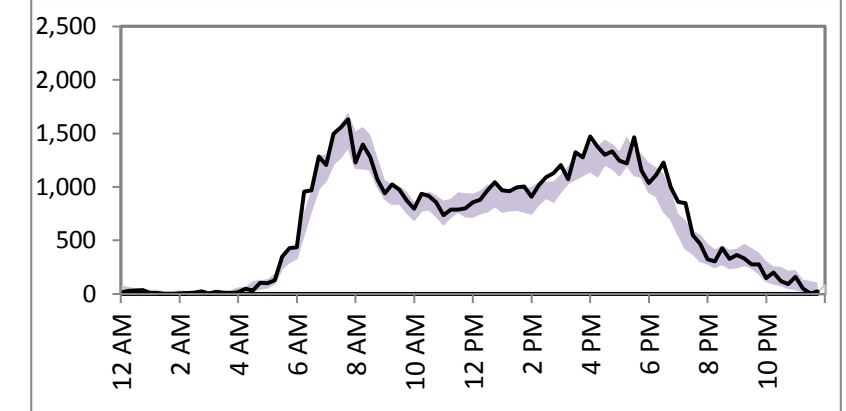


83rd PI NE	
WB	EB
2%	5%
19,200	16,000
18,900	15,200

SR 522 WB at 83rd Ave NE

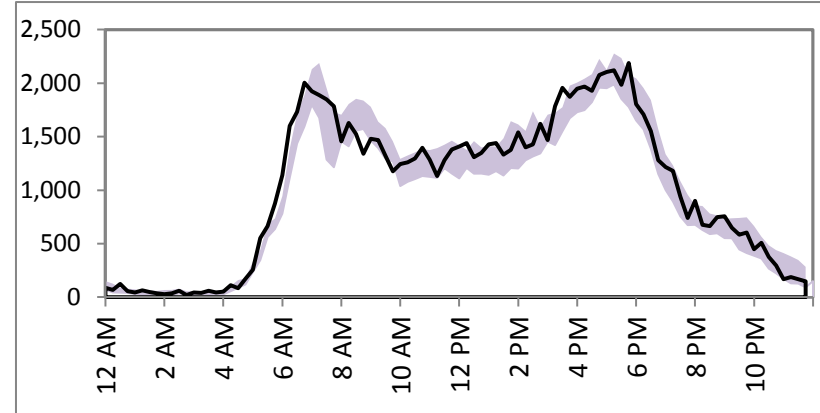


SR 522 EB at 83rd Ave NE



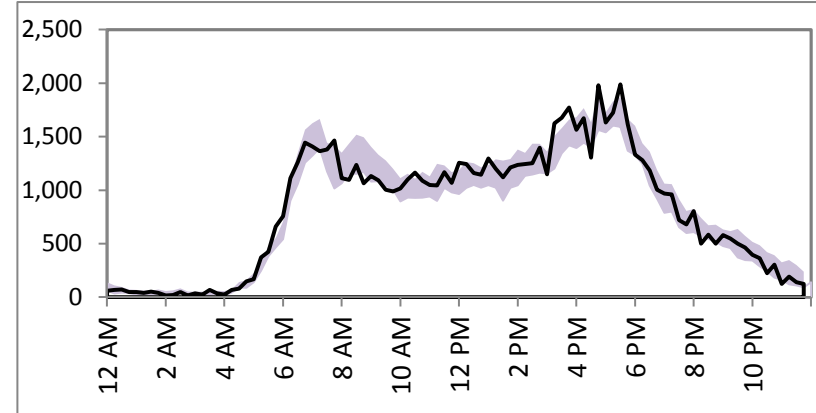
68th Ave NE	
WB	EB
2%	3%
24,500	17,200
24,000	16,700

SR 522 WB at 68th Ave NE



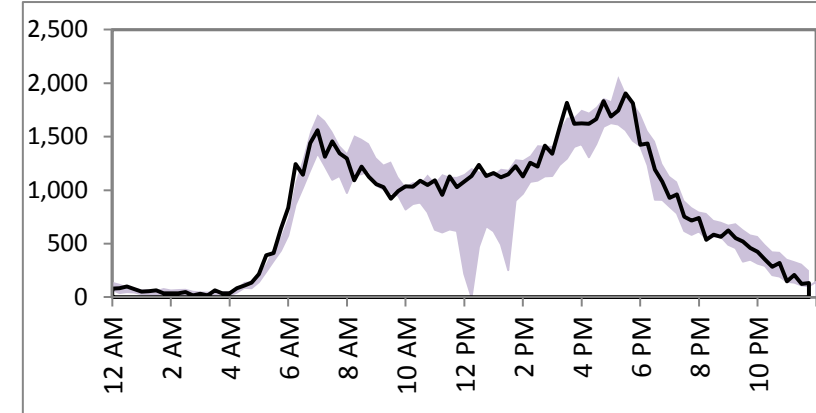
73rd Ave NE	
WB	EB
1%	2%
19,800	18,800
19,700	18,400

SR 522 WB at 73rd Ave NE



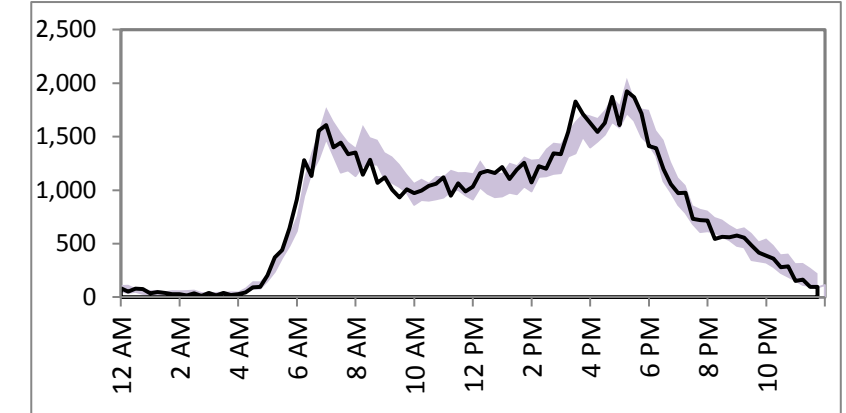
77th Ct NE	
WB	EB
0%	2%
20,000	19,000
20,100	18,600

SR 522 WB at 77th Ct NE

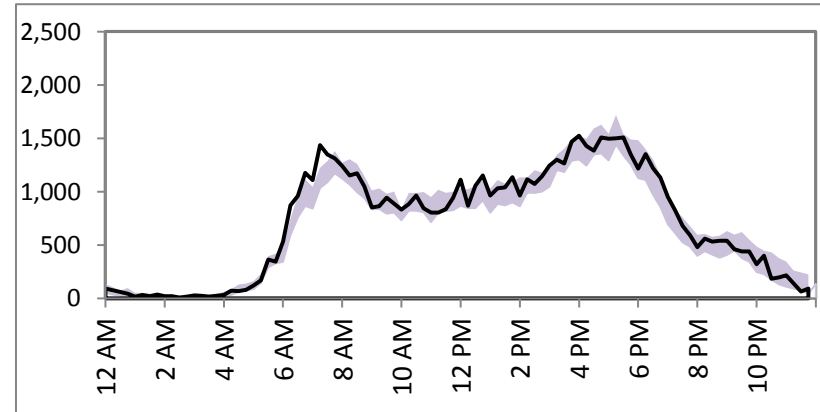


80th Ave NE	
WB	EB
-1%	3%
19,800	18,400
20,000	17,800

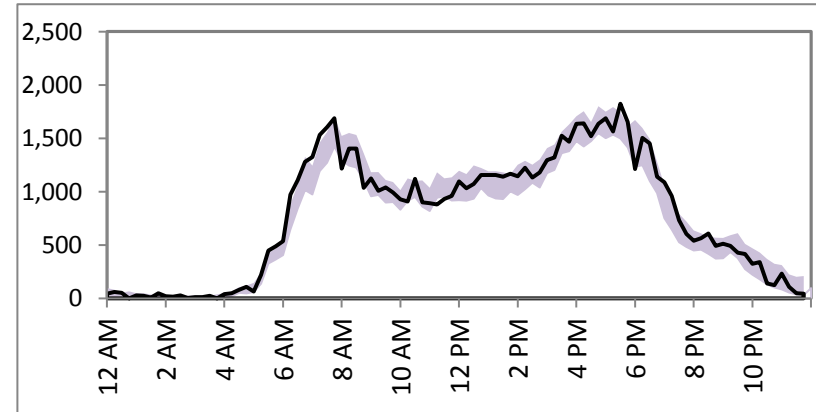
SR 522 WB at 80th Ave NE



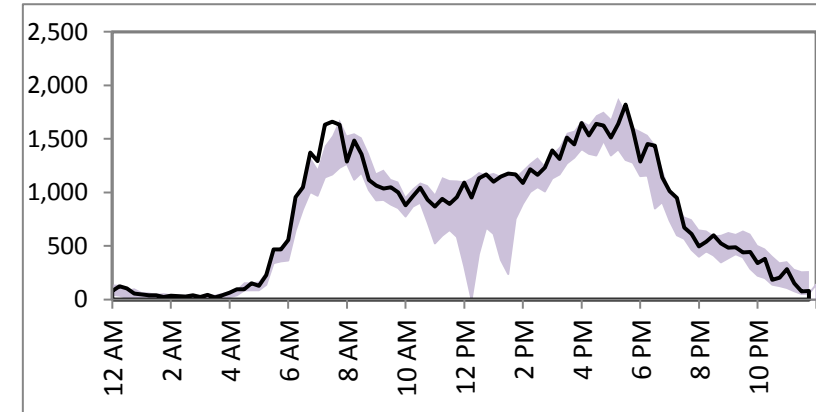
SR 522 EB at 68th Ave NE



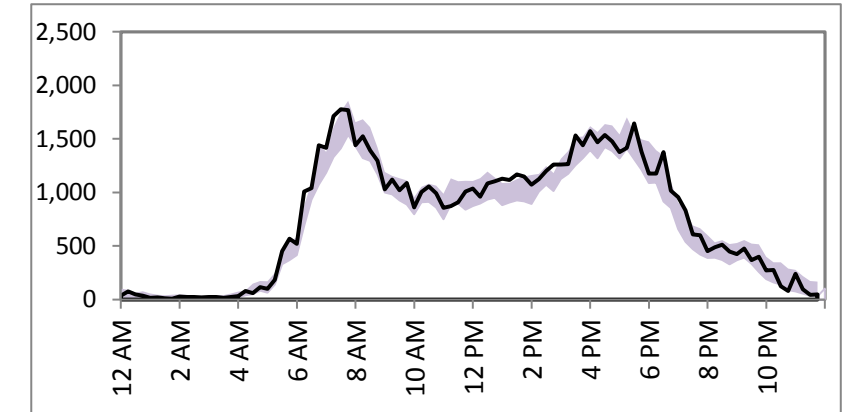
SR 522 EB at 73rd Ave NE



SR 522 EB at 77th Ct NE



SR 522 EB at 80th Ave NE

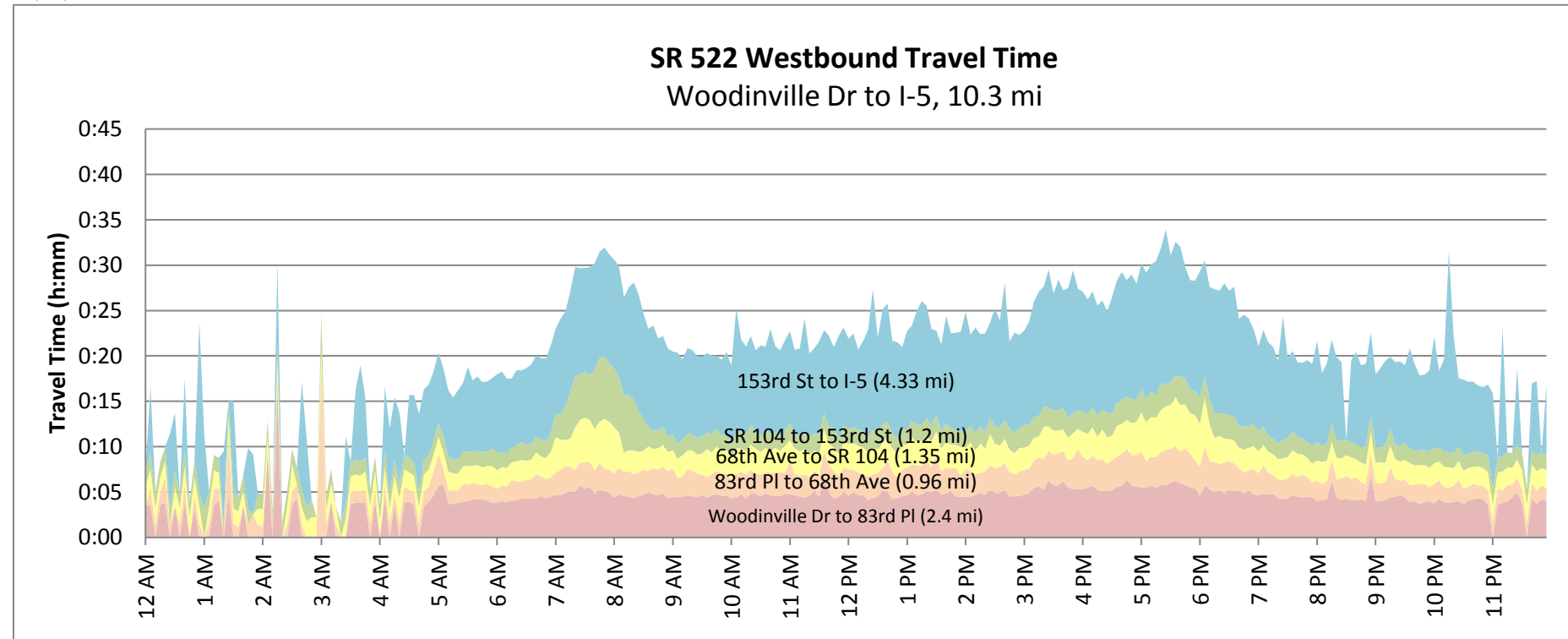


SR 520 Tolling: Traffic Monitoring

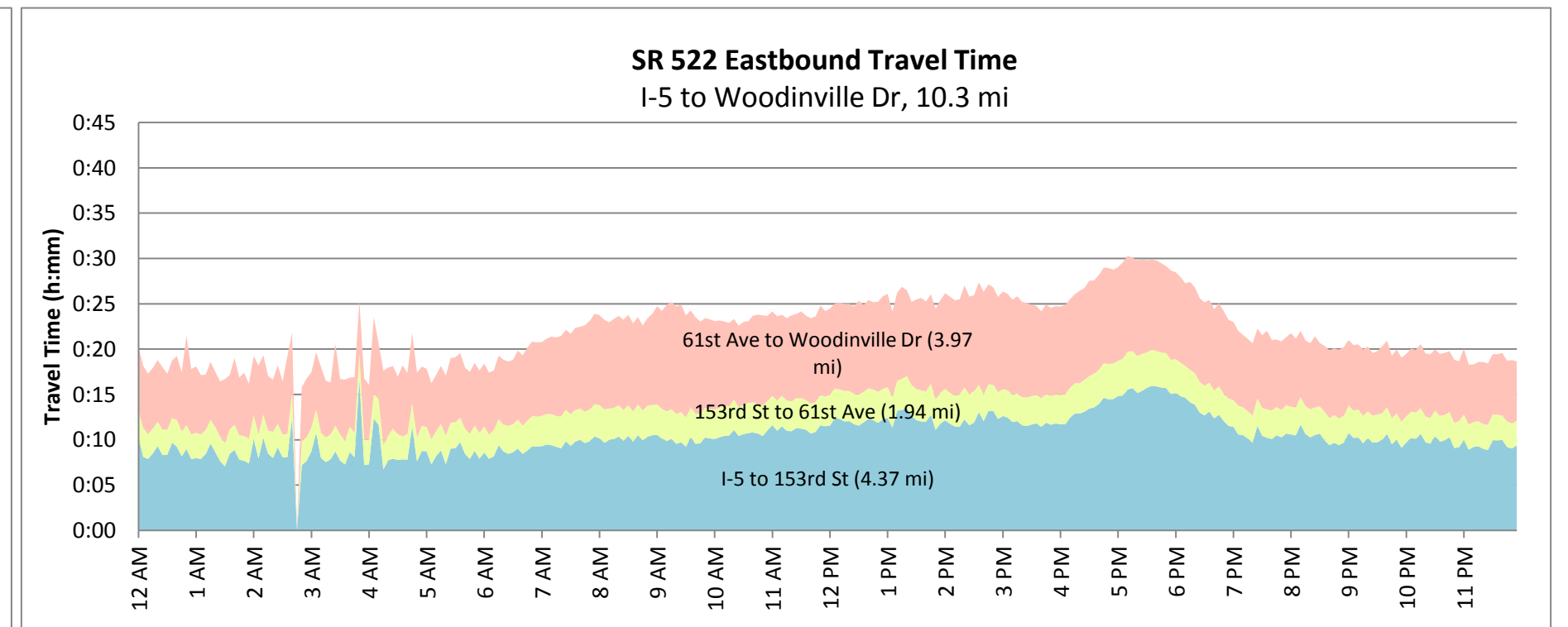
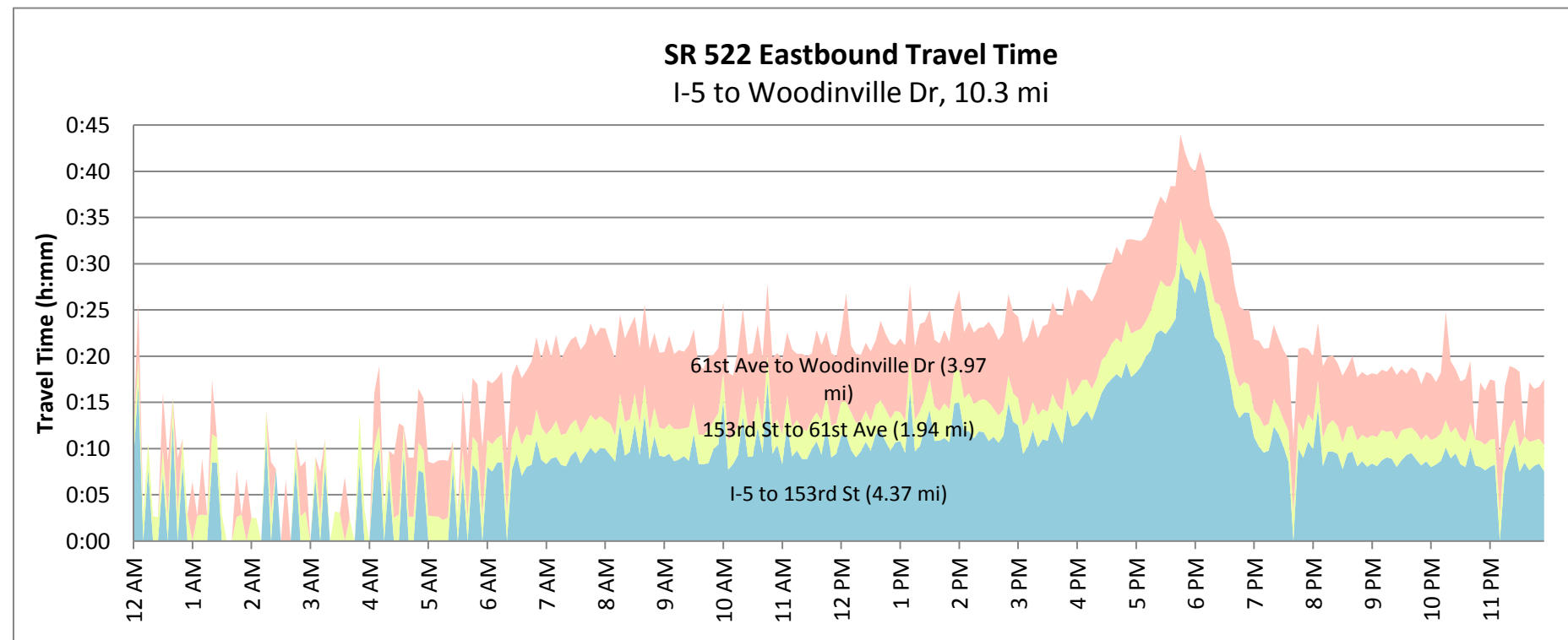
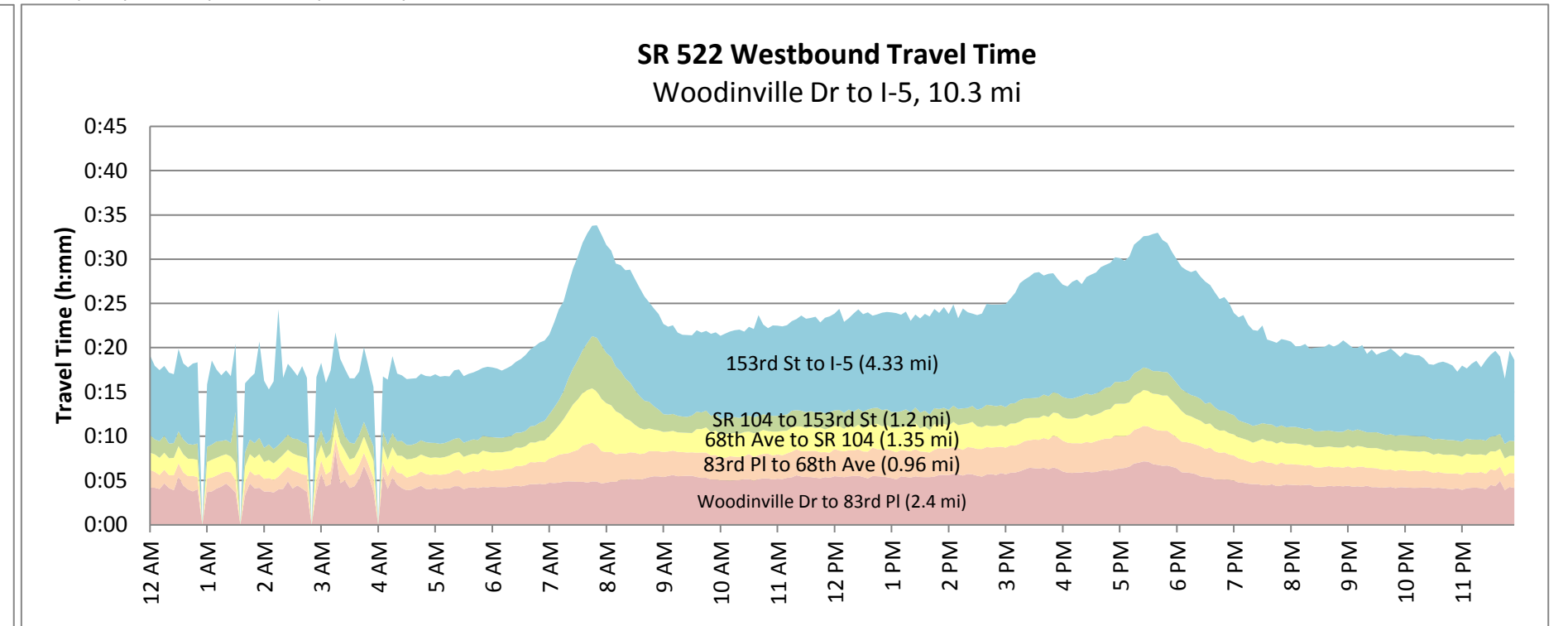
SR 522 Travel Times

Tuesday, January 3, 2012

1/3/2012



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



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