



SR 520 Tolling: Traffic Monitoring

Friday, December 30, 2011

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

Daily Volume:

% change
12/30/2011
baseline

SR 520 Bridge

-59%
40,900
100,000

I-90 Bridge

2%
140,100
137,900

SR 522 at 83rd Ave NE

-1%
33,900
34,100

Traffic Summary:

SR 520 volumes were down significantly, similar to Thursday's opening day volumes. Volumes on I-90 and SR 522 were similar to a normal weekday during a non-holiday week. Volumes on I-5 and I-405 between the bridges were within 3% of a normal weekday, while volumes north of SR 520 were down 5-8%. Travel times were significantly lower throughout the day for both I-90 and SR 520. However, midday and PM travel times on SR 522 were similar to a non-holiday weekday, with the PM peak occurring earlier than normal.

Major Incidents:

- WB SR 520 at W Highrise, disabled vehicle blocking right lane from 8:06 am to 8:09 am.
- WB SR 520 at 92nd Ave NE, disabled vehicle blocking left lane from 11:23 am to 11:40 am.
- WB SR 520 at I-405, collision blocking up to 2 right lanes from 1:15 pm to 1:47 pm.
- SB I-5 just S. of I-405, disabled vehicle blocking up to 2 right lanes from 3:33 pm to 4:46 pm.
- NB I-405 just S. of SE 8th St, disabled vehicle blocking left center lane from 3:44 pm to 3:59 pm.
- NB I-5 just N. of W Seattle Bridge, disabled vehicle blocking HOV lane from 4:12 pm to 4:25 pm.
- SB I-5 just N. of W Seattle Bridge, collision blocking 2 left center lanes from 4:52 pm to 5:00 pm.
- NB I-5 just S. of I-90, collision blocking left center lane from 4:07 pm to 4:28 pm.

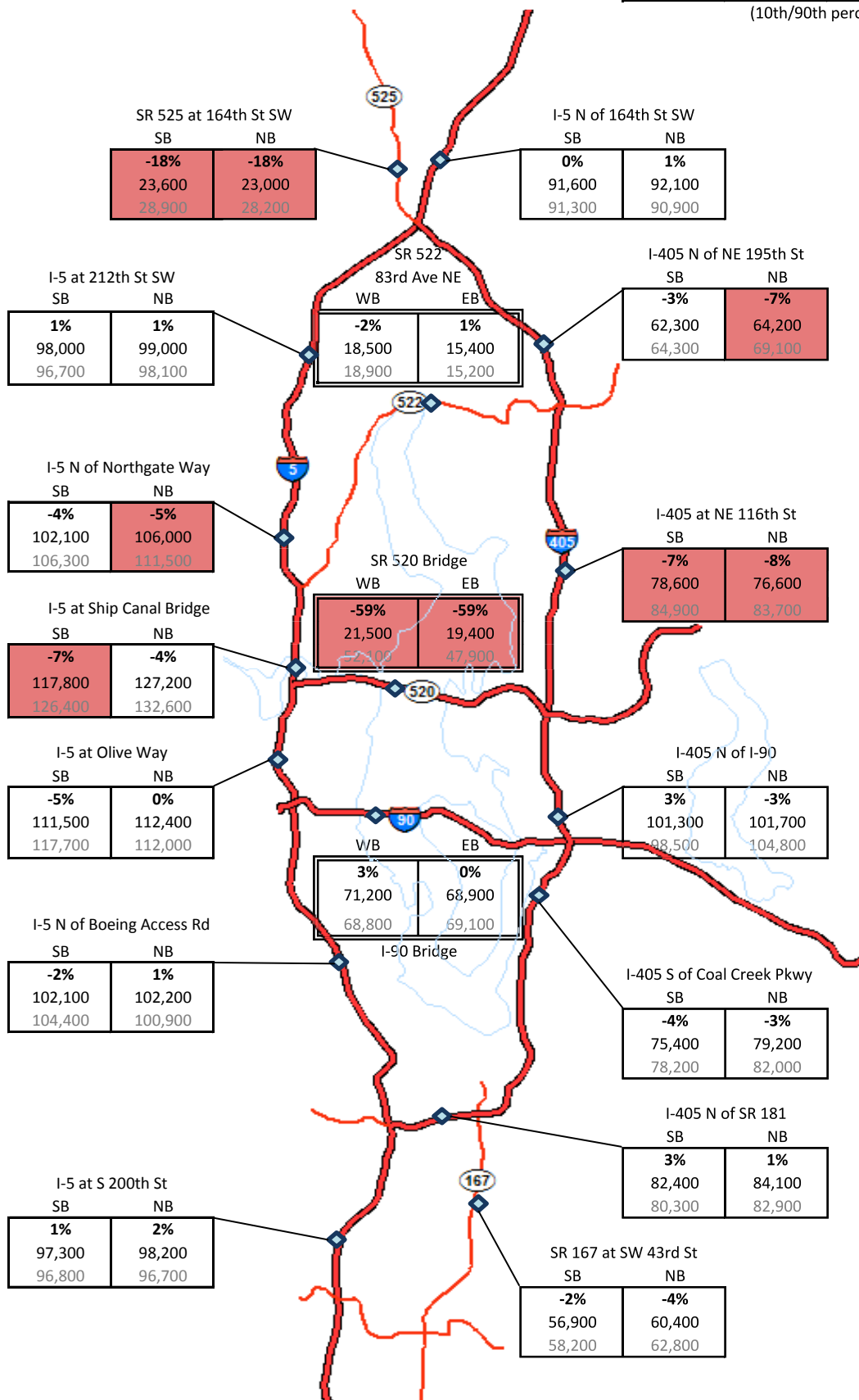
Special Events:

None

SR 520 Tolling: Traffic Monitoring
Daily Mainline Volumes
Friday, December 30, 2011

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

% change 12/30/2011 median	above range of typical variation	below range of typical variation
	(10th/90th percentile)	



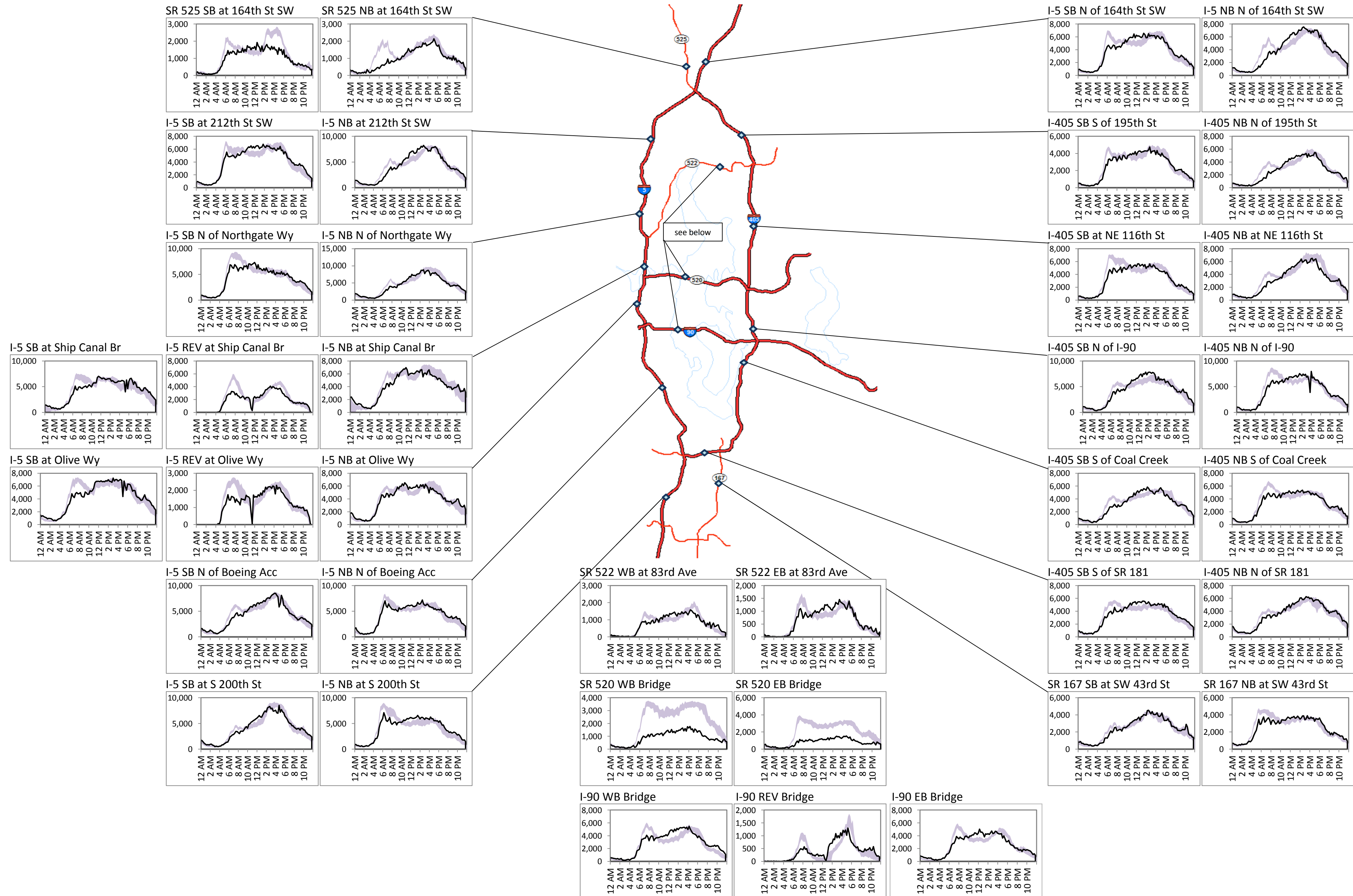
SR 520 Tolling: Traffic Monitoring

Hourly Mainline Volumes

Friday, December 30, 2011

— Friday, December 30, 2011

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



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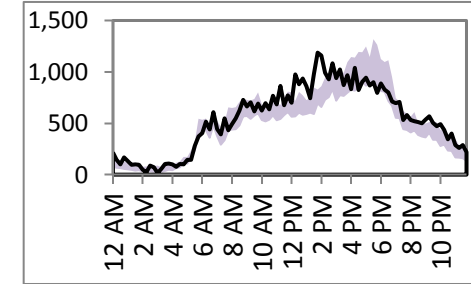
Hourly Interchange Volumes

Friday, December 30, 2011

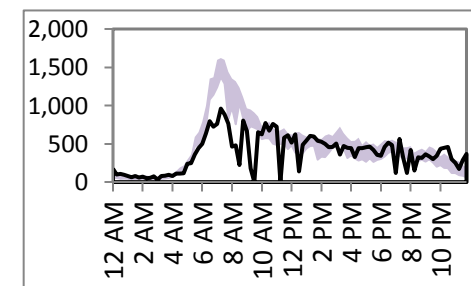
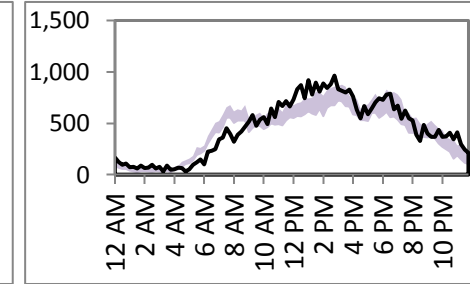
— Friday, December 30, 2011

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

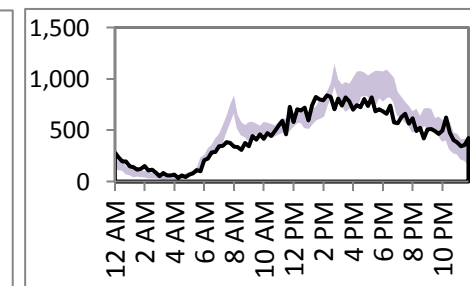
I-5 SB to NE 145th St



NE 145th St to I-5 NB

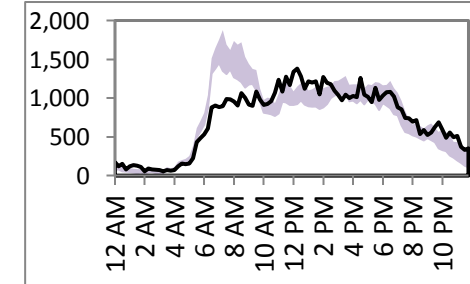
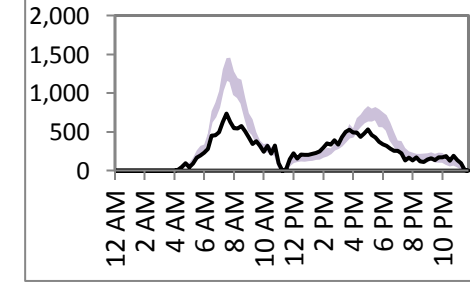


NE 145th St to I-5 SB

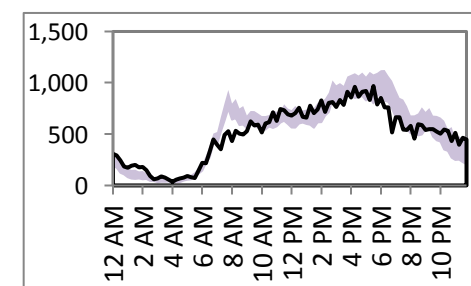


I-5 NB to NE 145th St

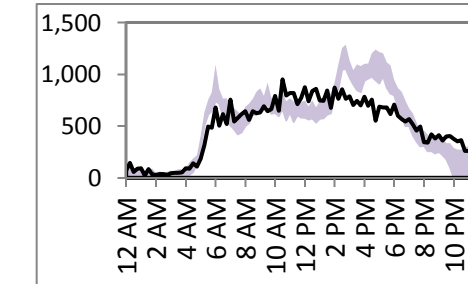
SR 522/I-5 Express Lanes



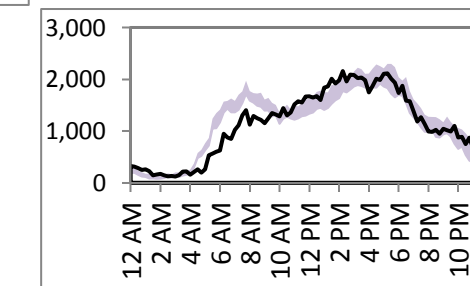
SR 522 to I-5 SB



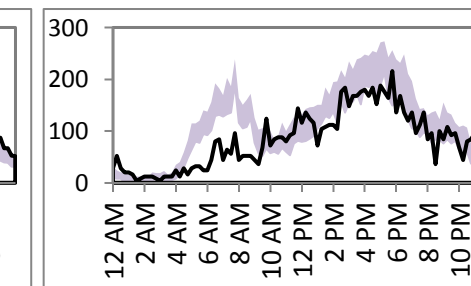
I-5 NB to SR 522



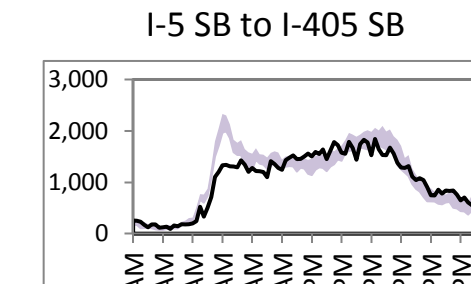
SR 525 SB to I-5 SB



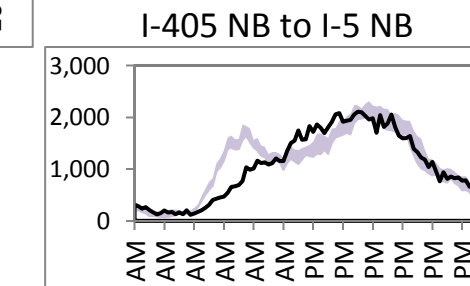
I-5 NB to I-405 SB



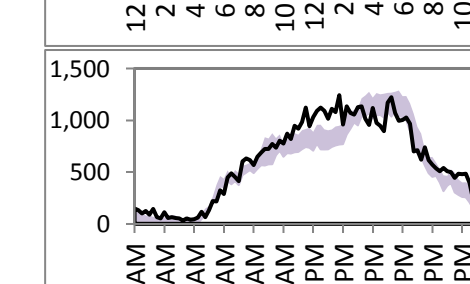
I-5 NB to SR 525 NB



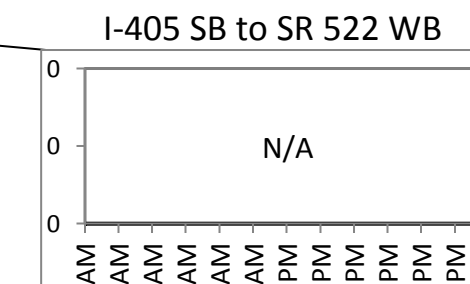
I-5 SB to I-405 SB



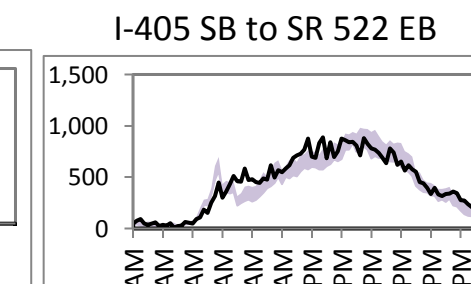
I-405 NB to I-5 NB



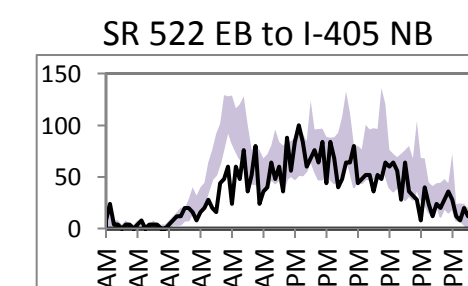
I-405 NB to I-5 SB



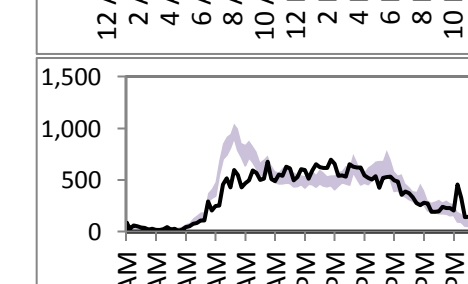
I-405 SB to SR 522 WB



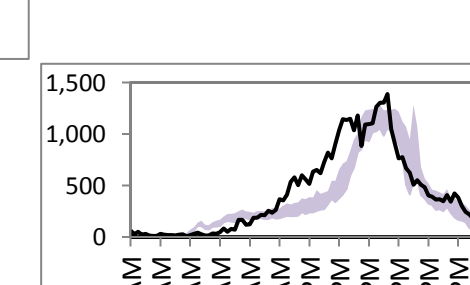
I-405 SB to SR 522 EB



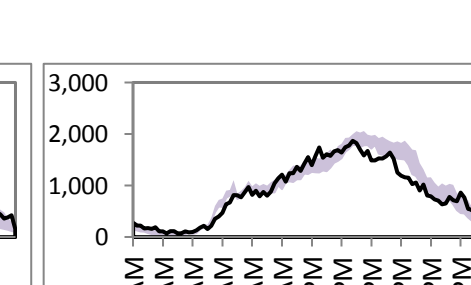
SR 522 EB to I-405 NB



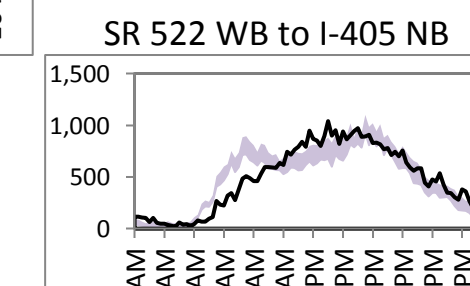
SR 522 EB to I-405 SB



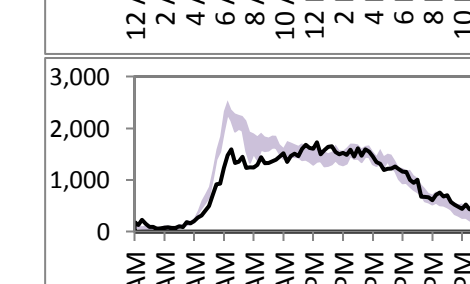
I-405 NB to SR 522 WB



I-405 NB to SR 522 EB



SR 522 WB to I-405 NB



SR 522 WB to I-405 SB

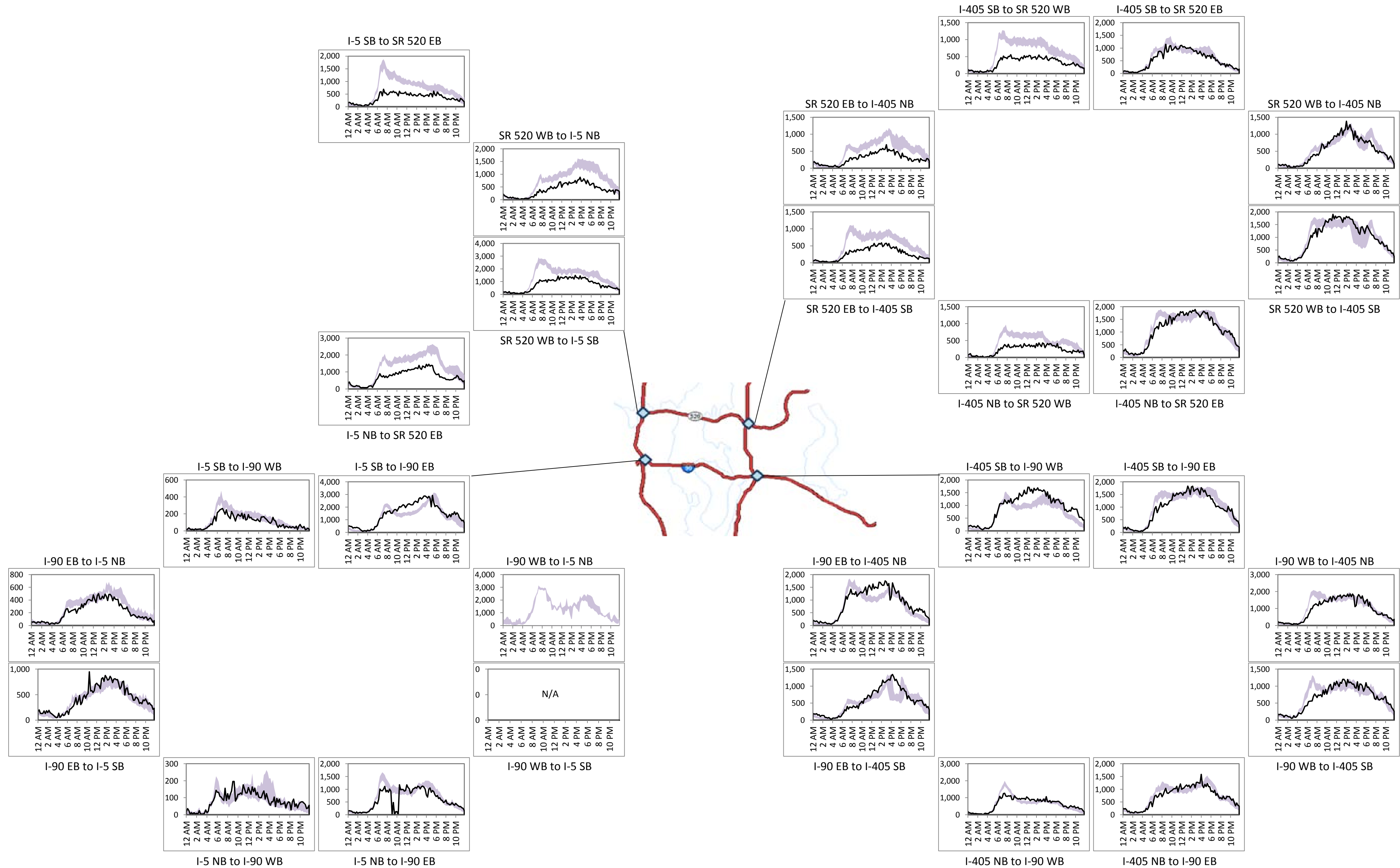
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

Friday, December 30, 2011

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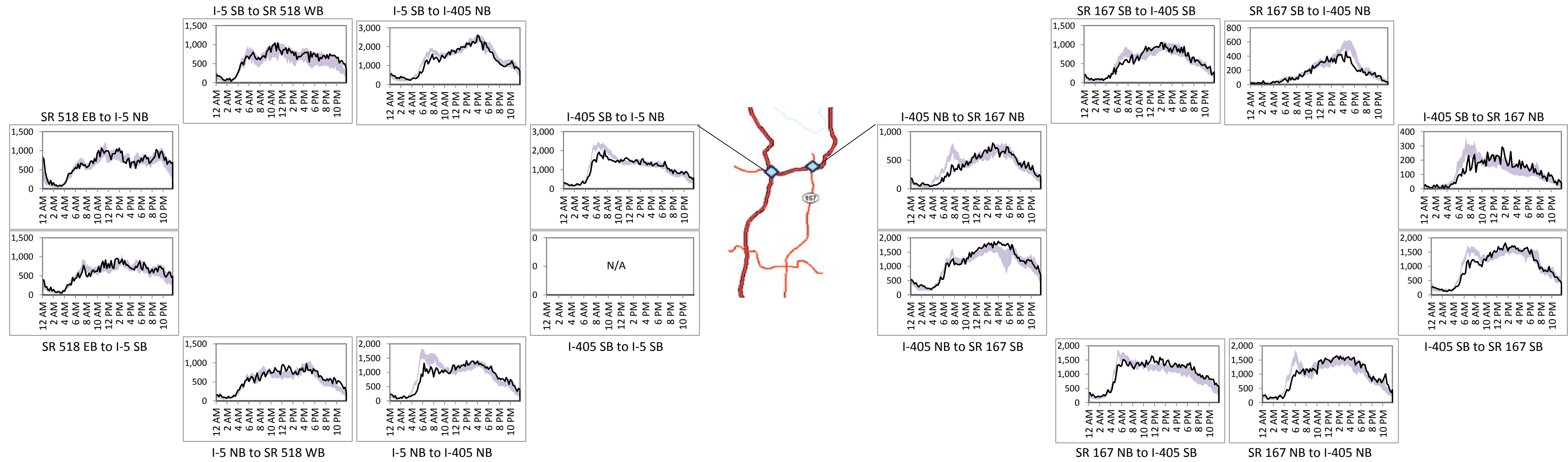
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Hourly Interchange Volumes

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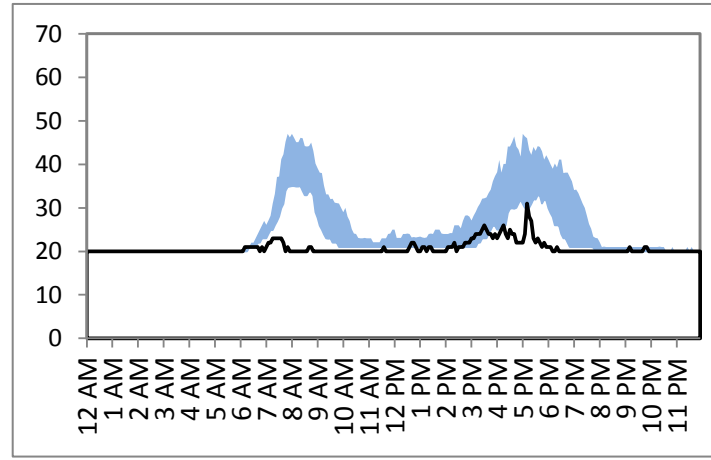
Travel Times

Friday, December 30, 2011

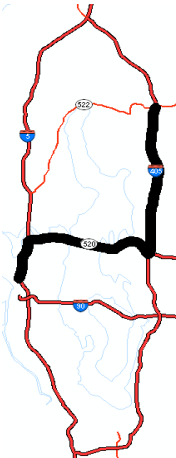
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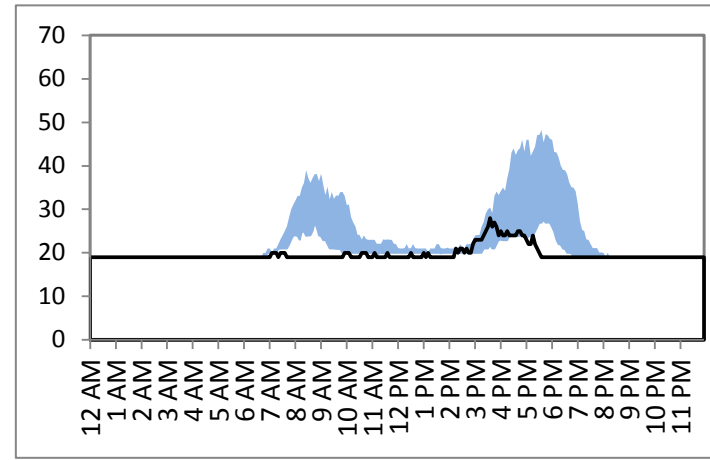
Woodinville to Seattle



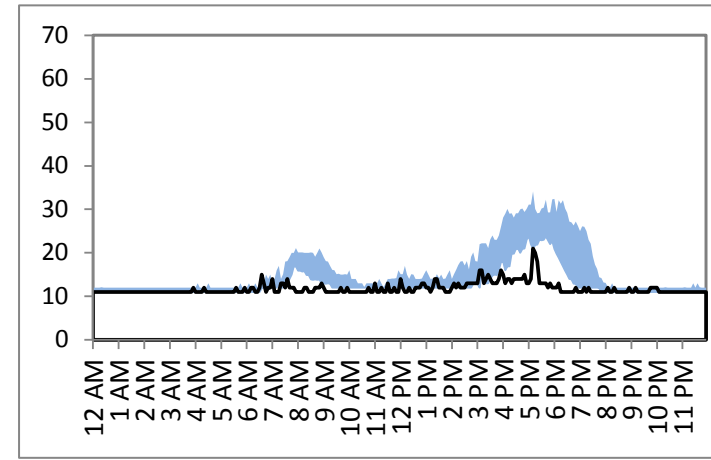
via 520



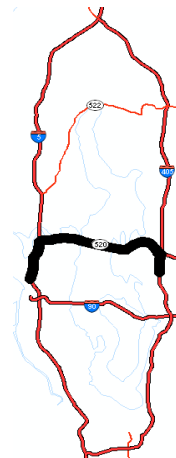
Seattle to Woodinville



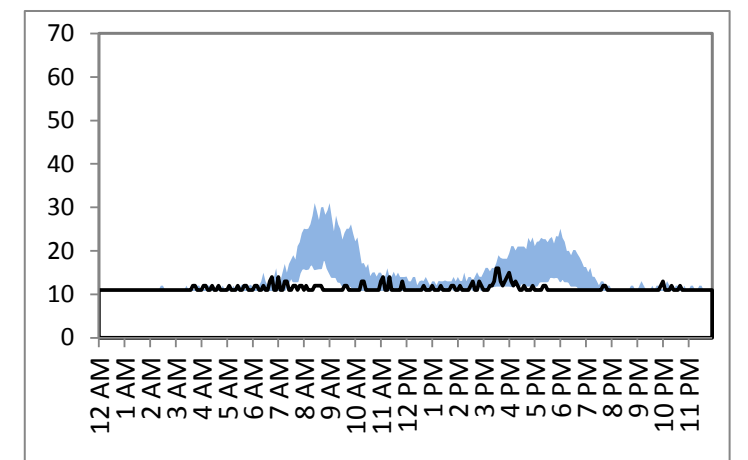
Bellevue to Seattle



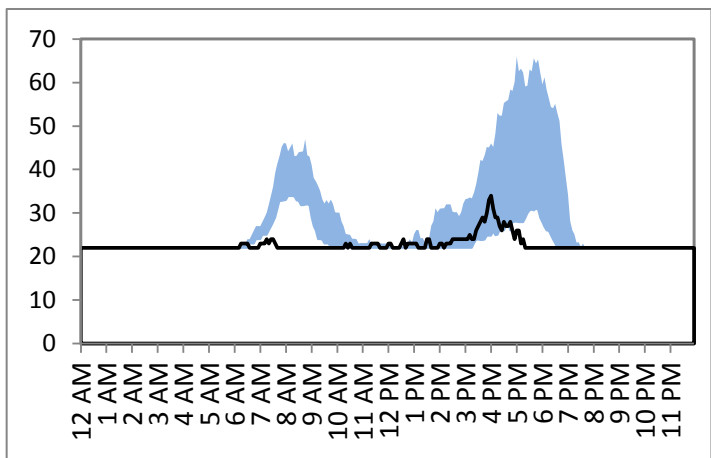
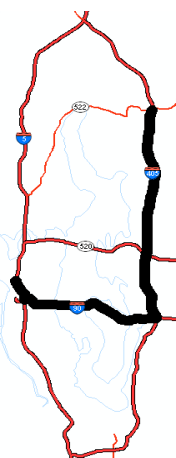
via 520



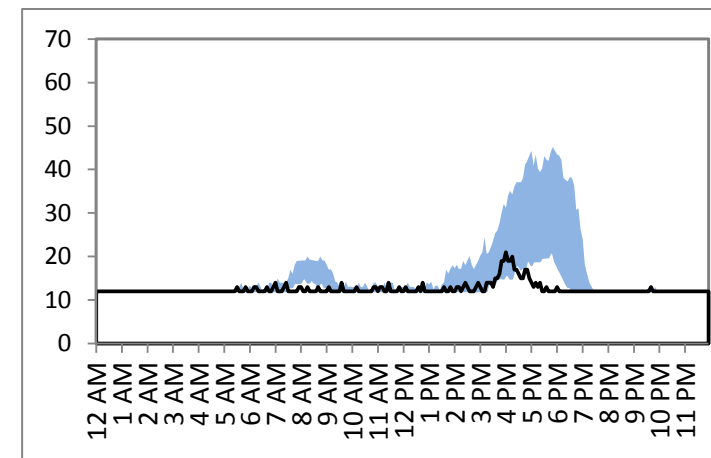
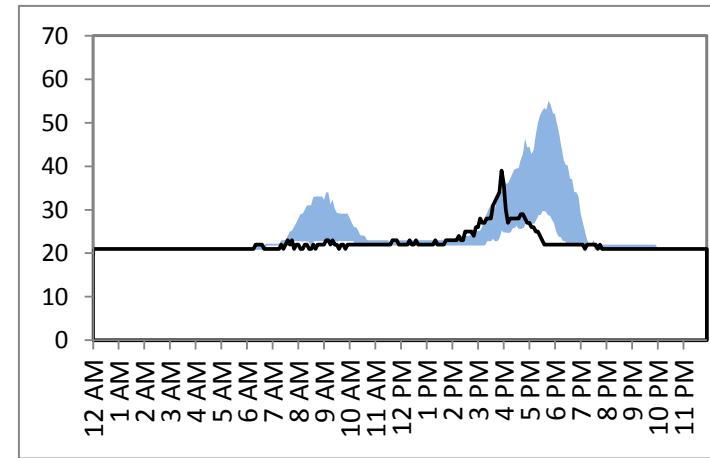
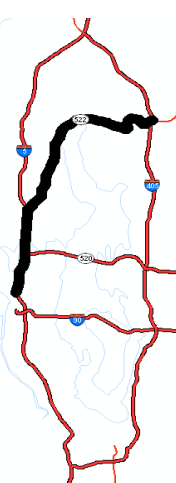
Seattle to Bellevue



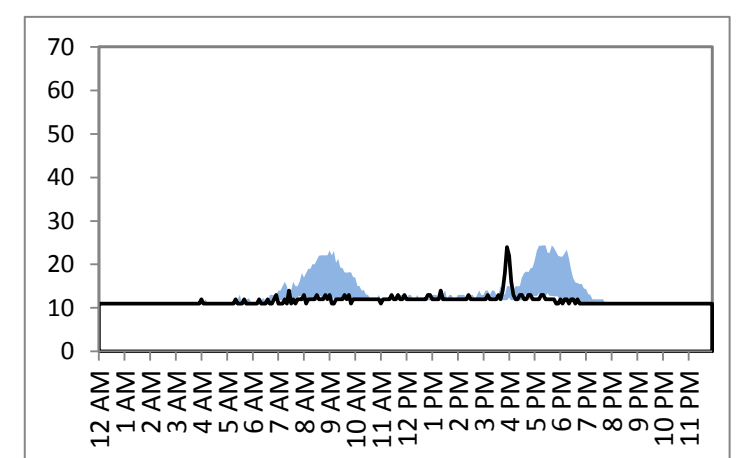
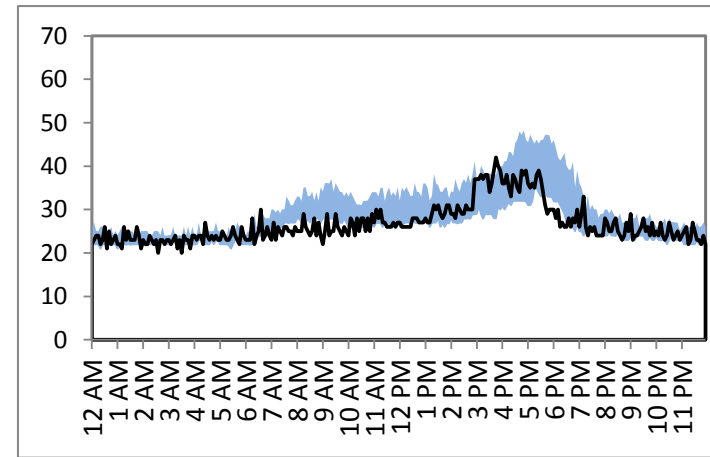
via I-90



via SR 522



via I-90



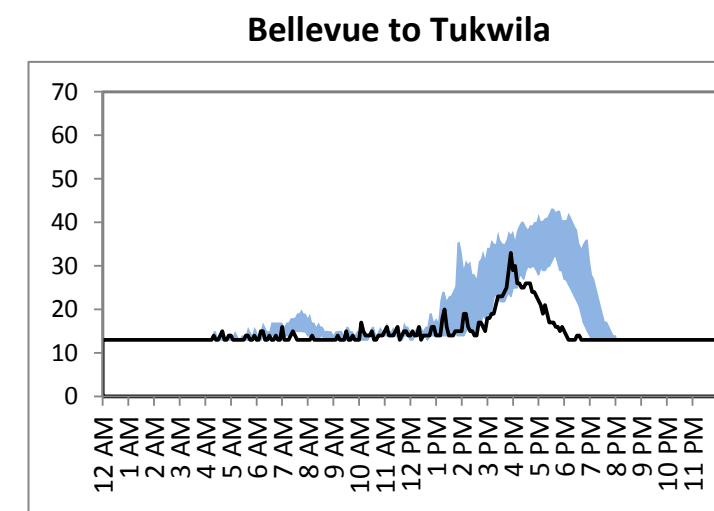
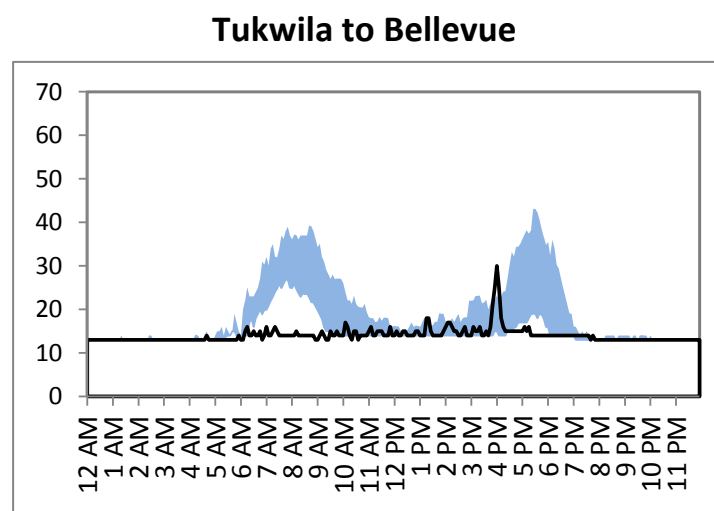
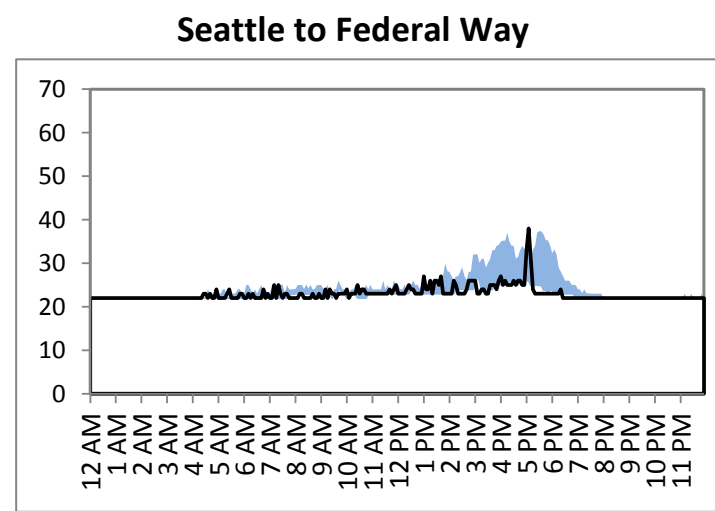
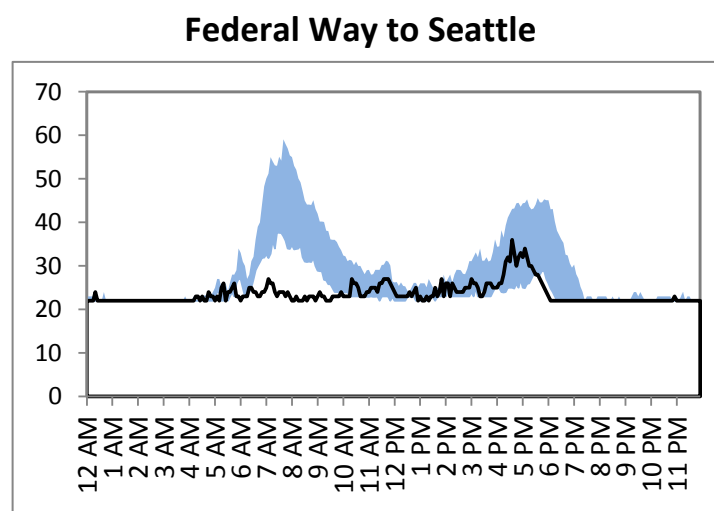
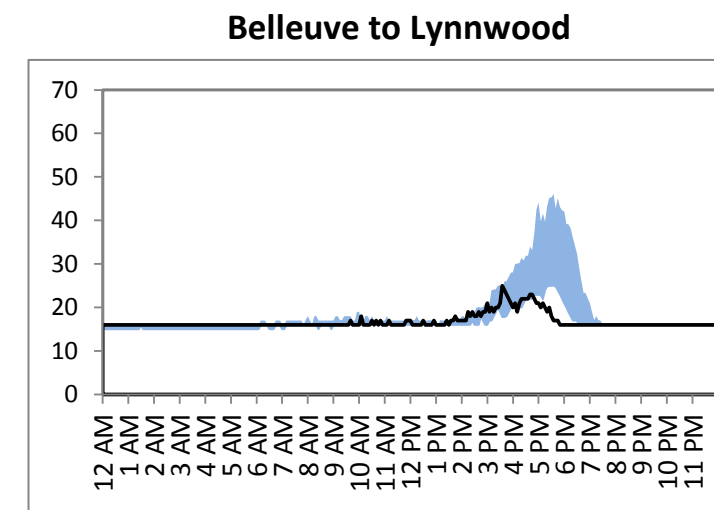
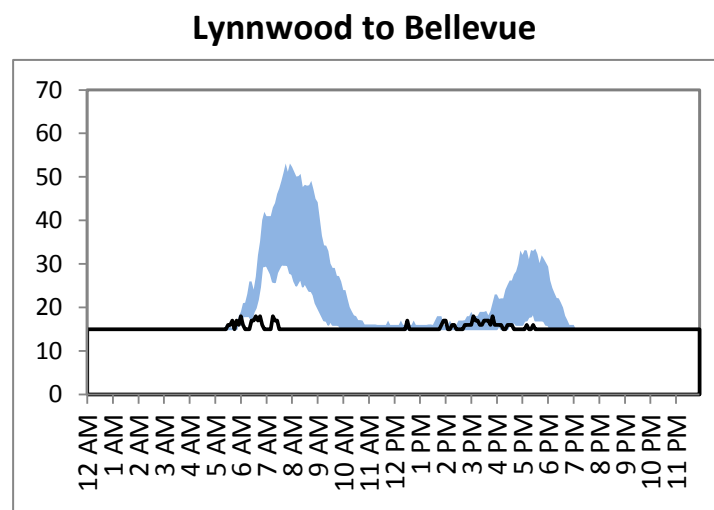
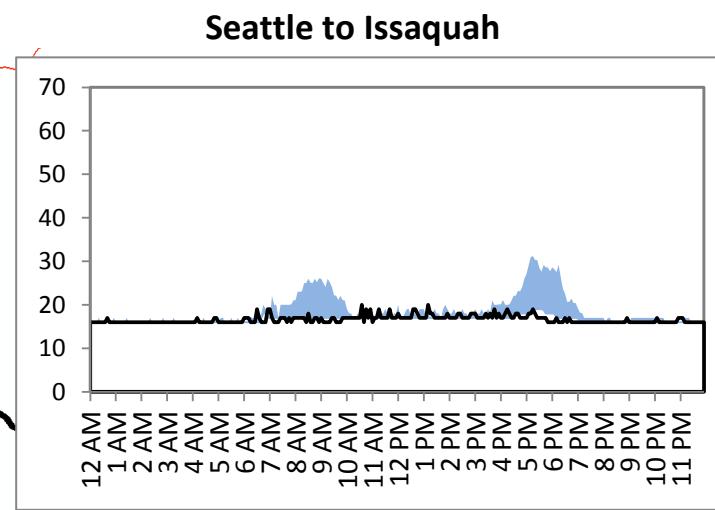
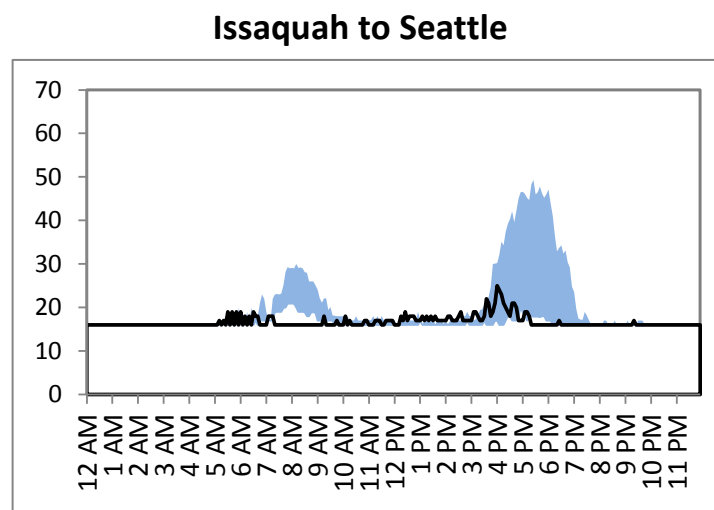
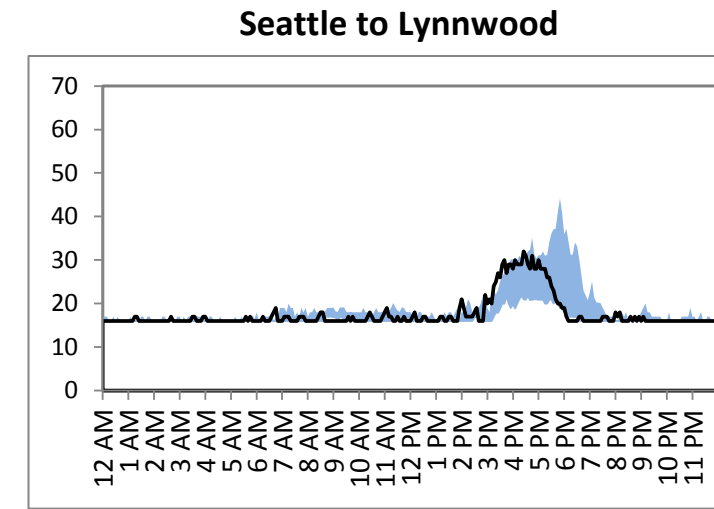
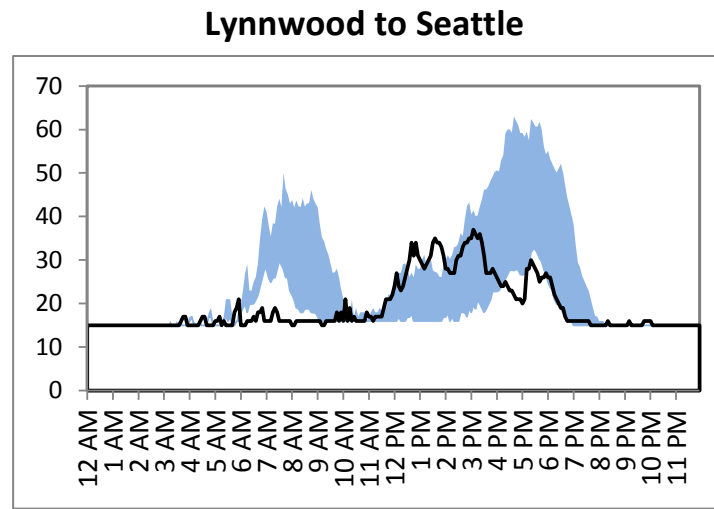
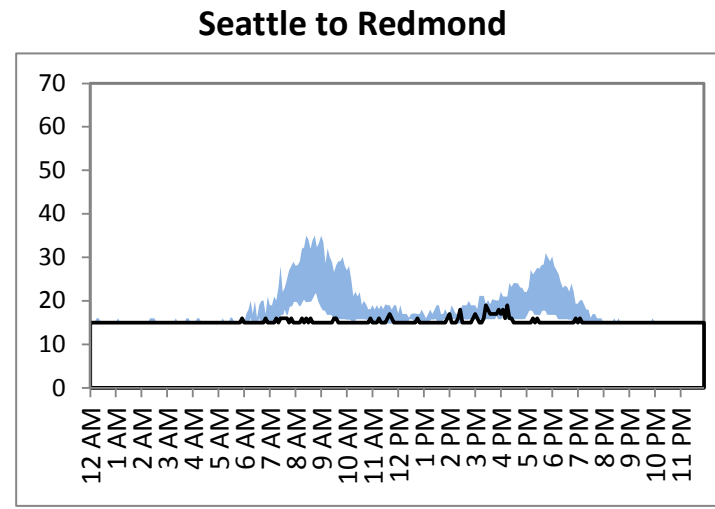
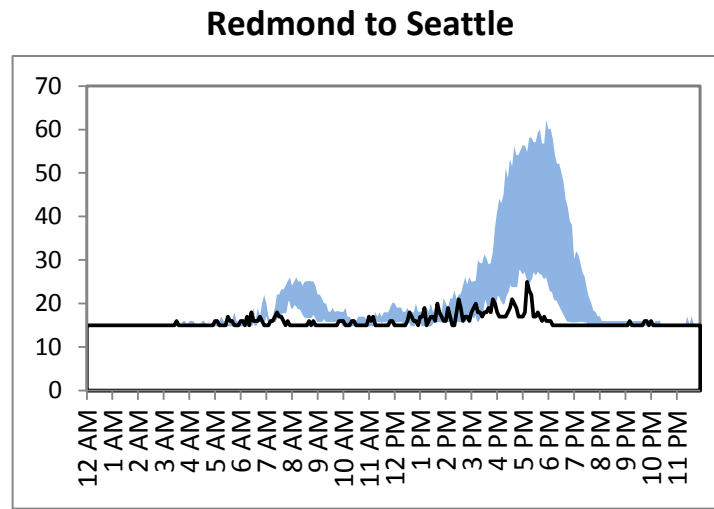
SR 520 Tolling: Traffic Monitoring

Travel Times

Friday, December 30, 2011

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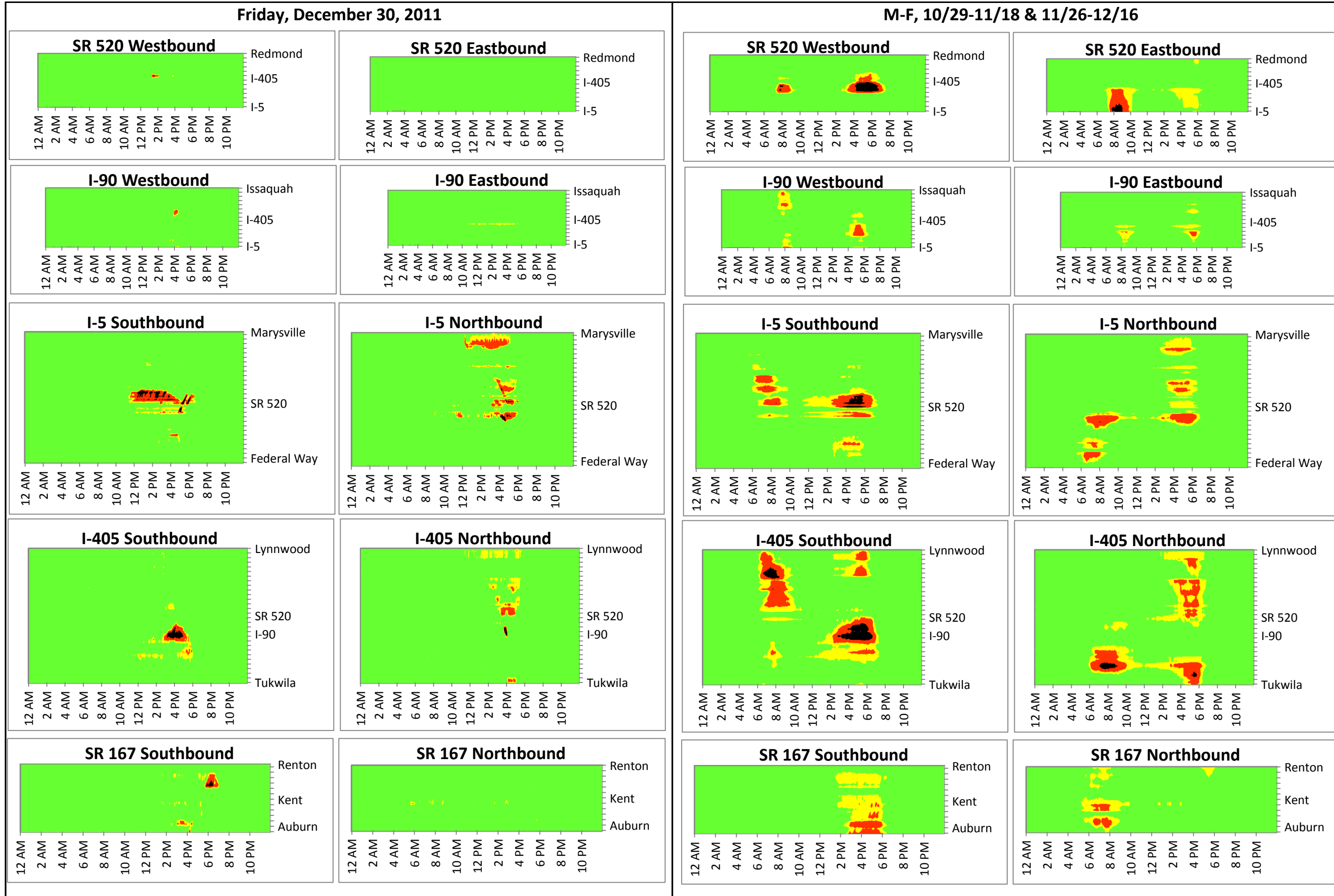


SR 520 Tolling: Traffic Monitoring

Congestion Contours

Friday, December 30, 2011

- free flow
- moderate
- heavy
- stop and go



SR 520 Tolling: Traffic Monitoring

SR 520 Detail

Friday, December 30, 2011

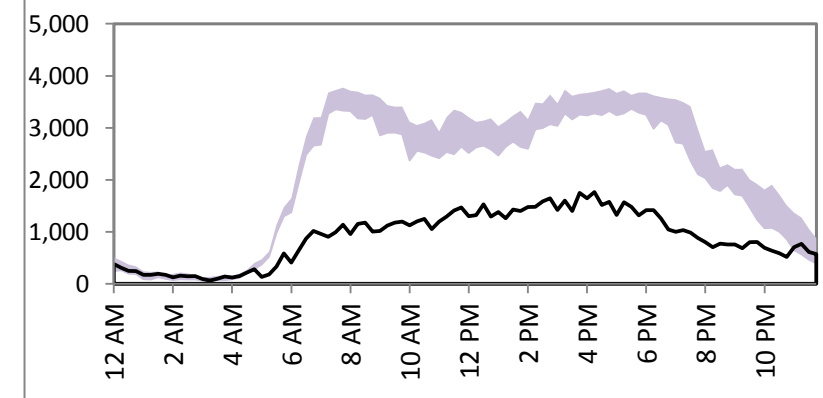
Mainline Volume



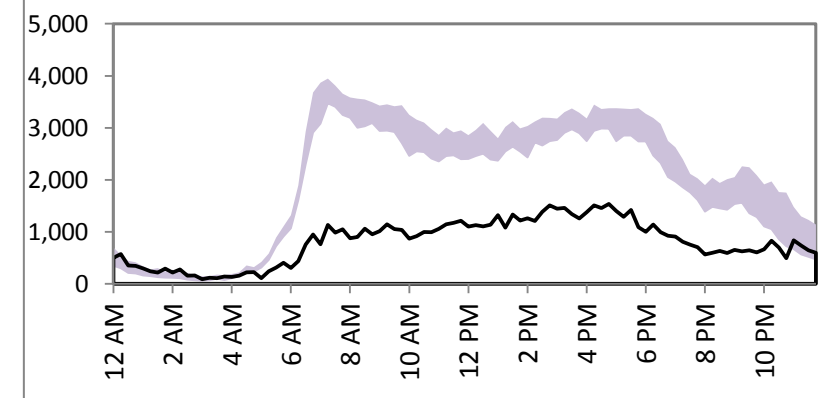
SR 520 Bridge

WB	EB
-59%	-59%
21,500	19,400
52,100	47,900

SR 520 WB Bridge



SR 520 EB Bridge



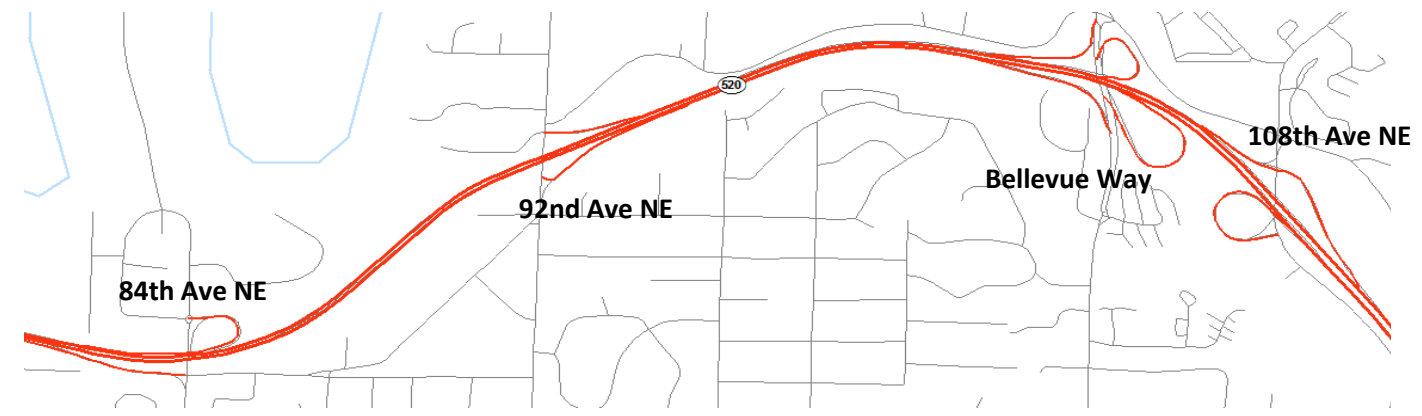
Ramp Volume

Montlake Blvd		Lk Wa Blvd
WB on ramp	WB exit	WB exit
-1%	-56%	-62%
13,500	4,300	1,900
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	WB on ramp	WB exit
-68%	-13%	-57%	-59%	-61%	-37%		
1,800	3,300	1,500	2,100	1,200	7,800		
5,700	3,800	3,500	5,100	3,100	12,300		



-1%	-54%	-65%
12,200	5,600	1,700
12,300	12,100	4,900
EB exit	EB on ramp	EB on ramp
Montlake Blvd	Lk Wa Blvd	



-65%	-22%	-56%	-31%
2,000	3,800	4,000	7,200
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

Friday, December 30, 2011

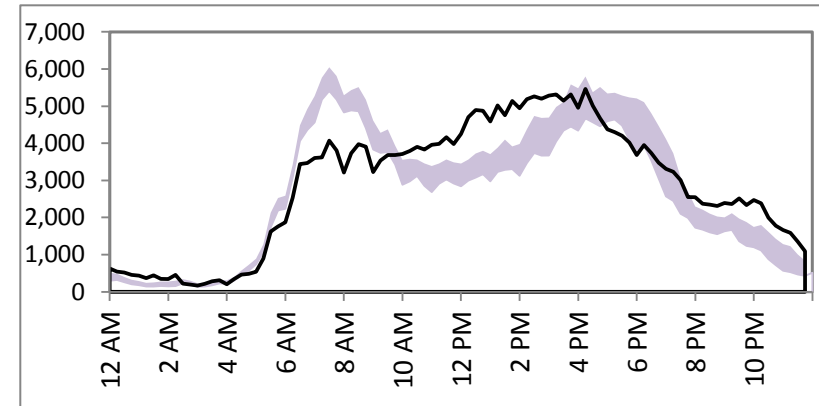
Mainline Volume



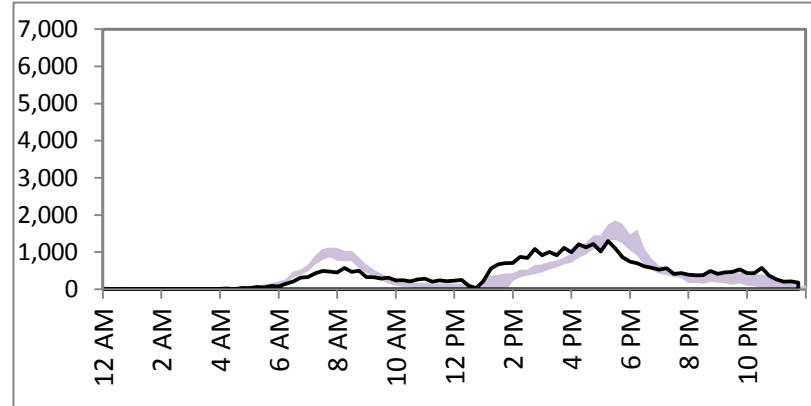
I-90 Bridge

WB	EB
3%	0%
71,200	68,900
68,800	69,100

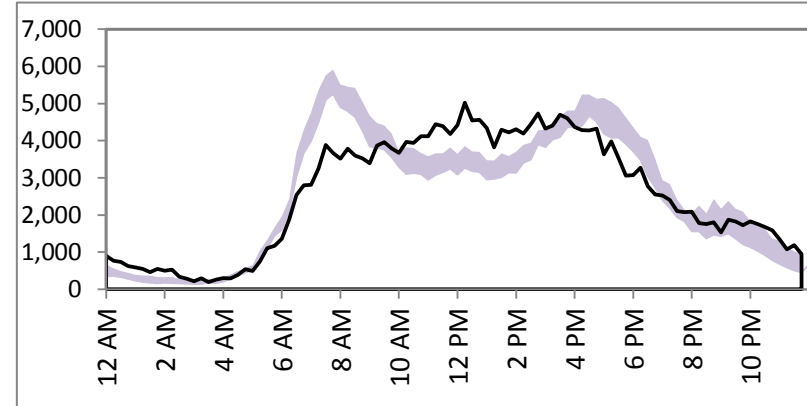
I-90 WB Bridge



I-90 REV Bridge



I-90 EB Bridge



Bellevue Way Ramp Volume

I-90 EB to Bellevue Way	Bellevue Way to I-90 WB
4%	-3%
8,400	9,000
8,100	9,300

SR 520 Tolling: Traffic Monitoring

SR 522 Detail

Friday, December 30, 2011

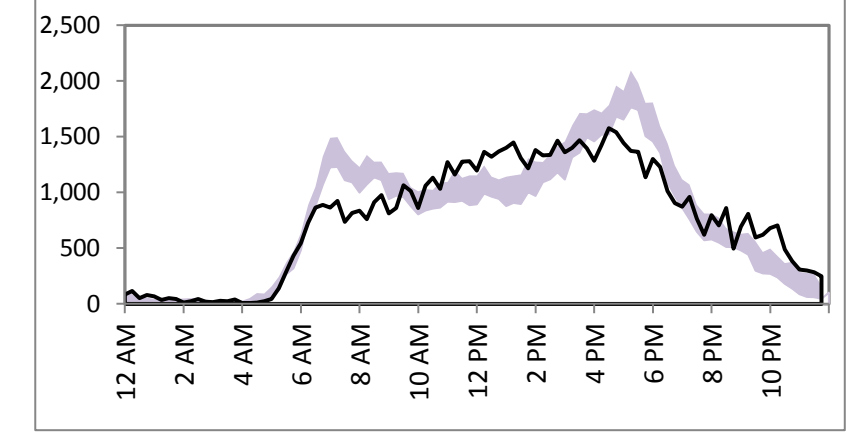
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Mainline Volume

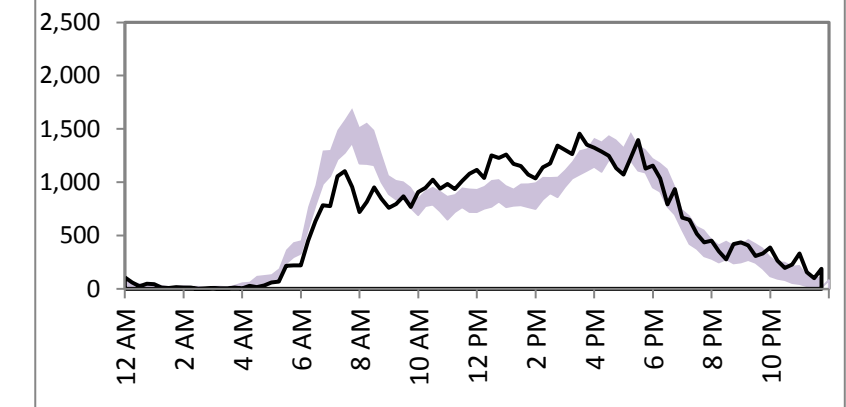


83rd PI NE	
WB	EB
-2%	1%
18,500	15,400
18,900	15,200

SR 522 WB at 83rd Ave NE

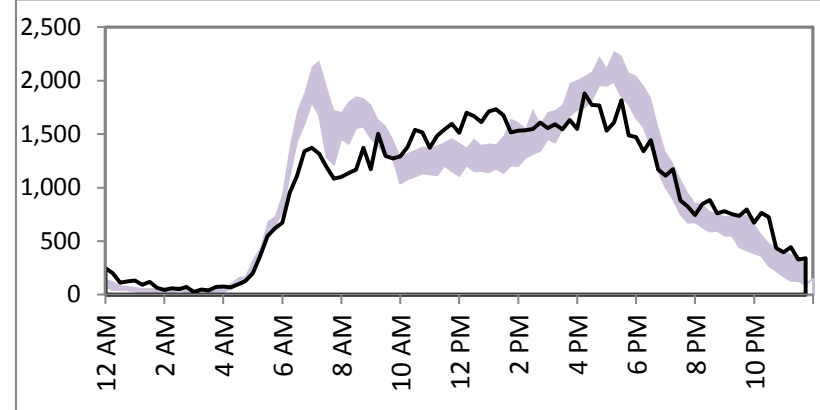


SR 522 EB at 83rd Ave NE



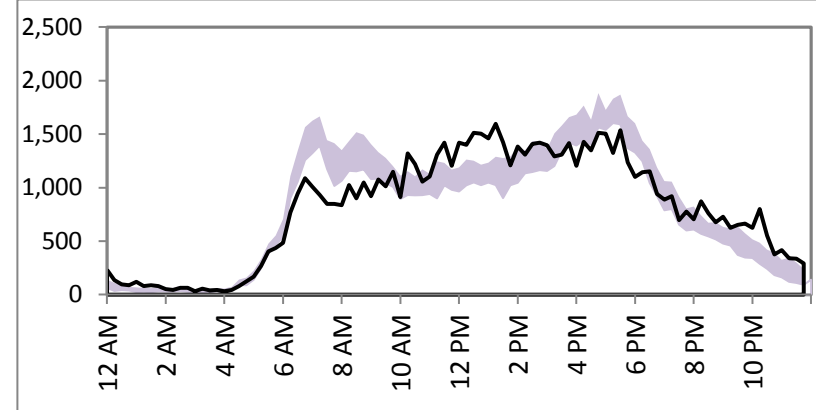
68th Ave NE	
WB	EB
-3%	2%
23,300	17,000
24,000	16,700

SR 522 WB at 68th Ave NE



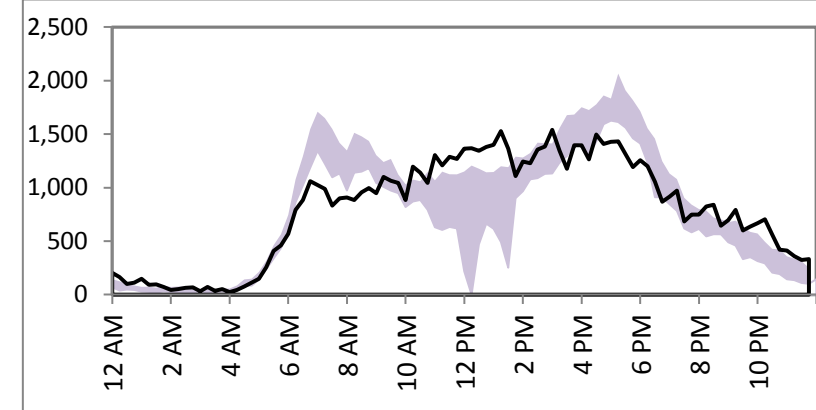
73rd Ave NE	
WB	EB
-1%	1%
19,500	18,500
19,700	18,400

SR 522 WB at 73rd Ave NE



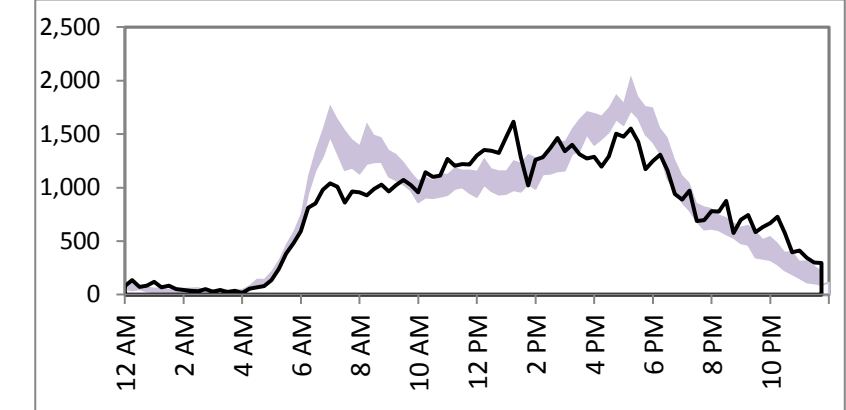
77th Ct NE	
WB	EB
-4%	1%
19,200	18,700
20,100	18,600

SR 522 WB at 77th Ct NE

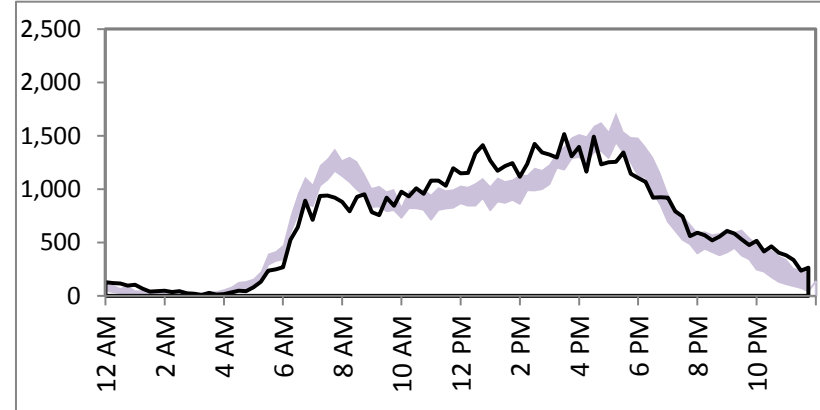


80th Ave NE	
WB	EB
-5%	0%
19,100	17,800
20,000	17,800

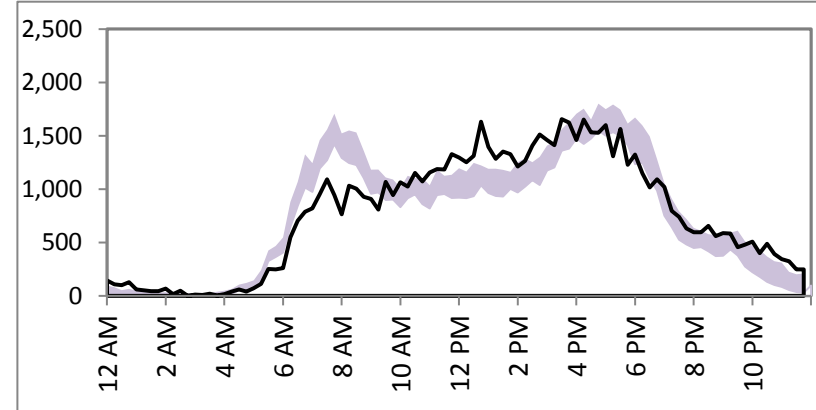
SR 522 WB at 80th Ave NE



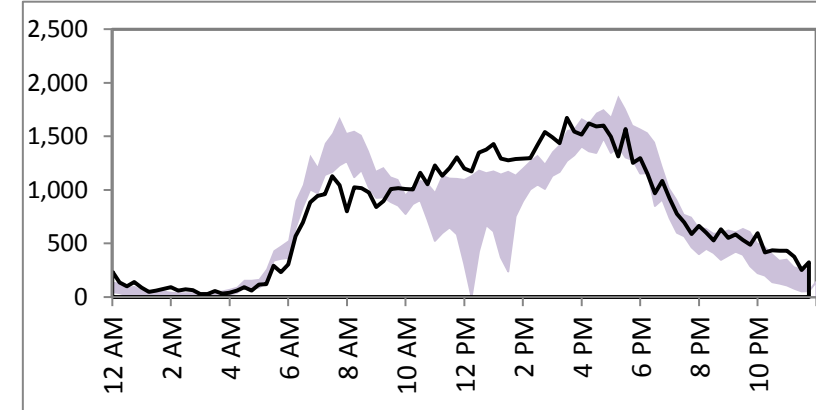
SR 522 EB at 68th Ave NE



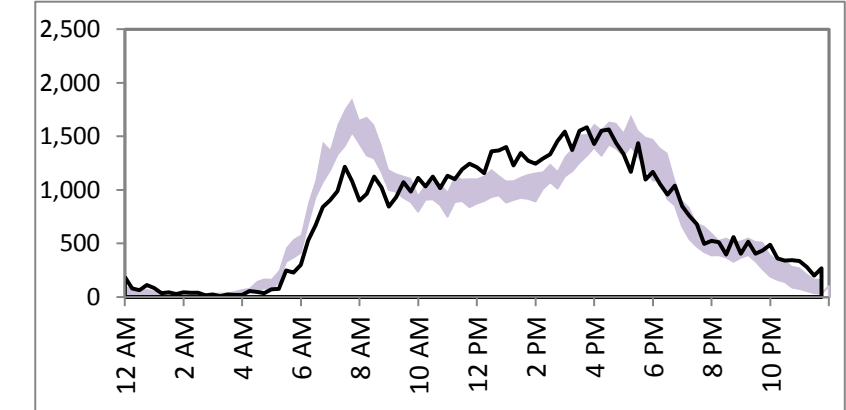
SR 522 EB at 73rd Ave NE



SR 522 EB at 77th Ct NE



SR 522 EB at 80th Ave NE

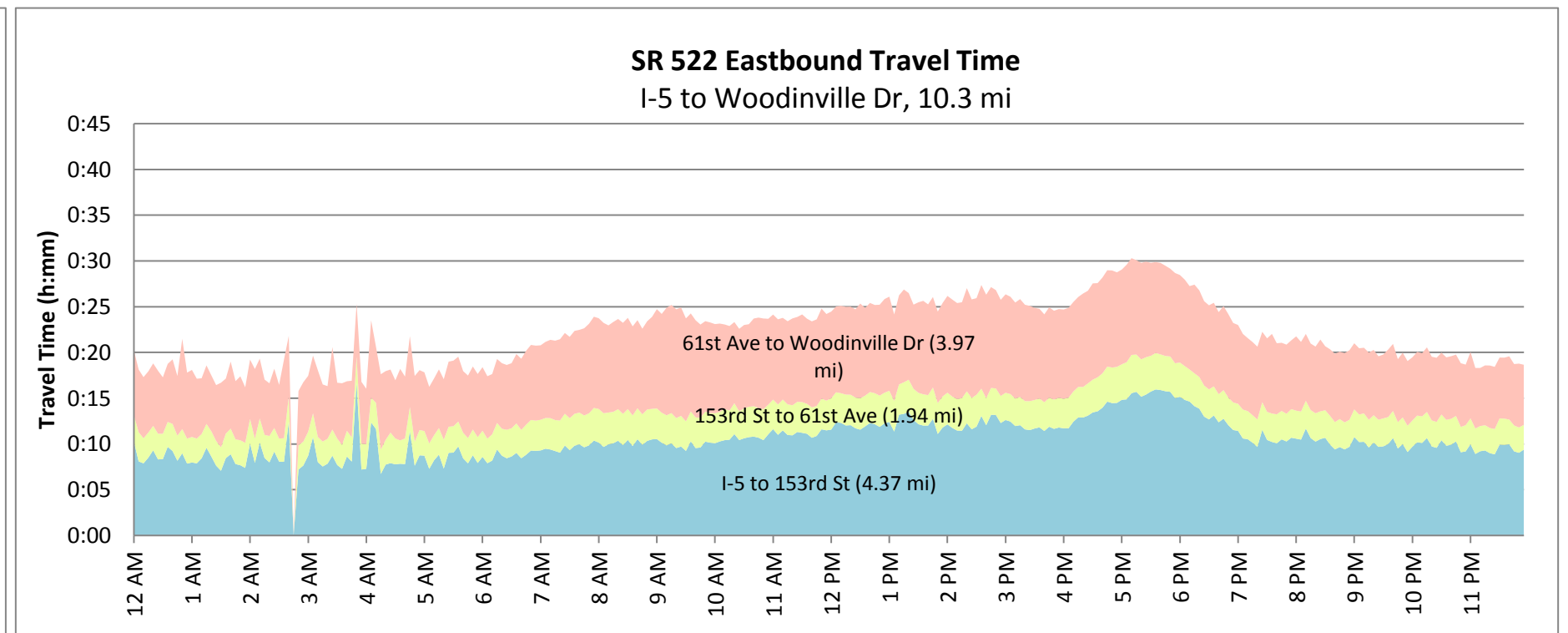
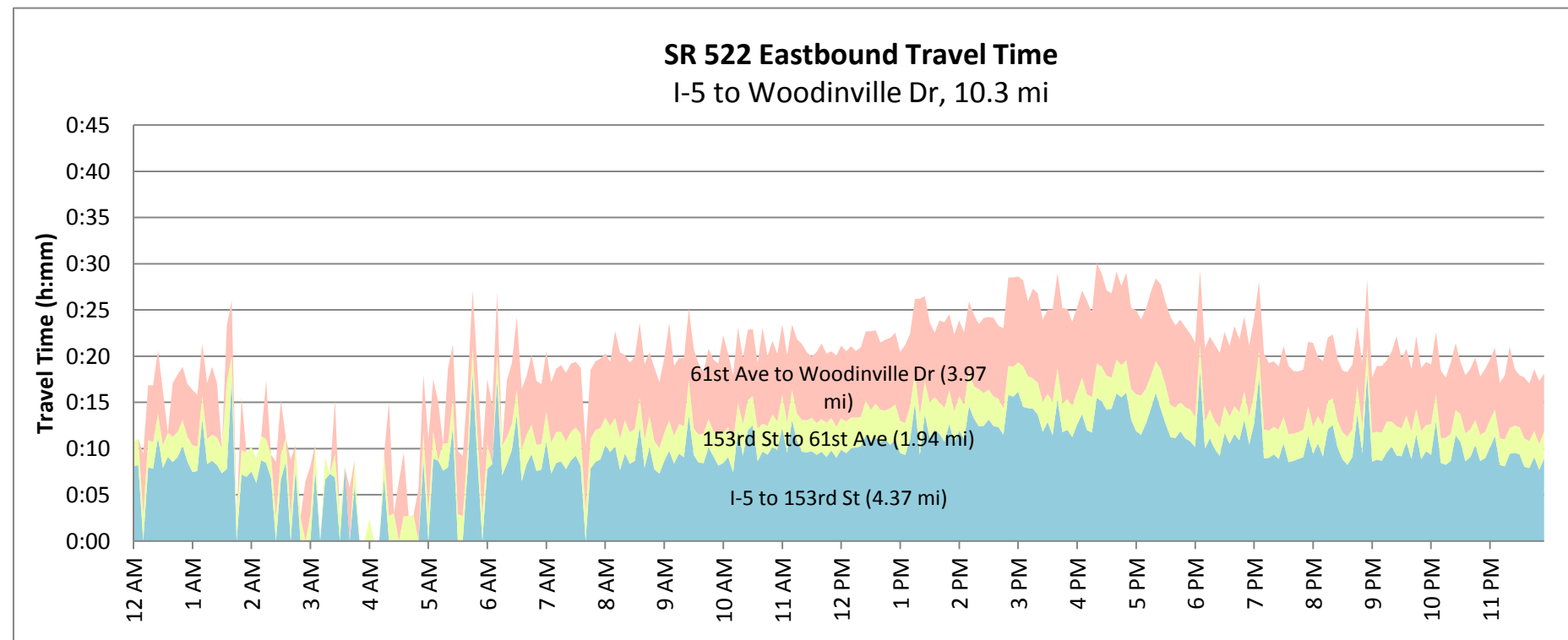
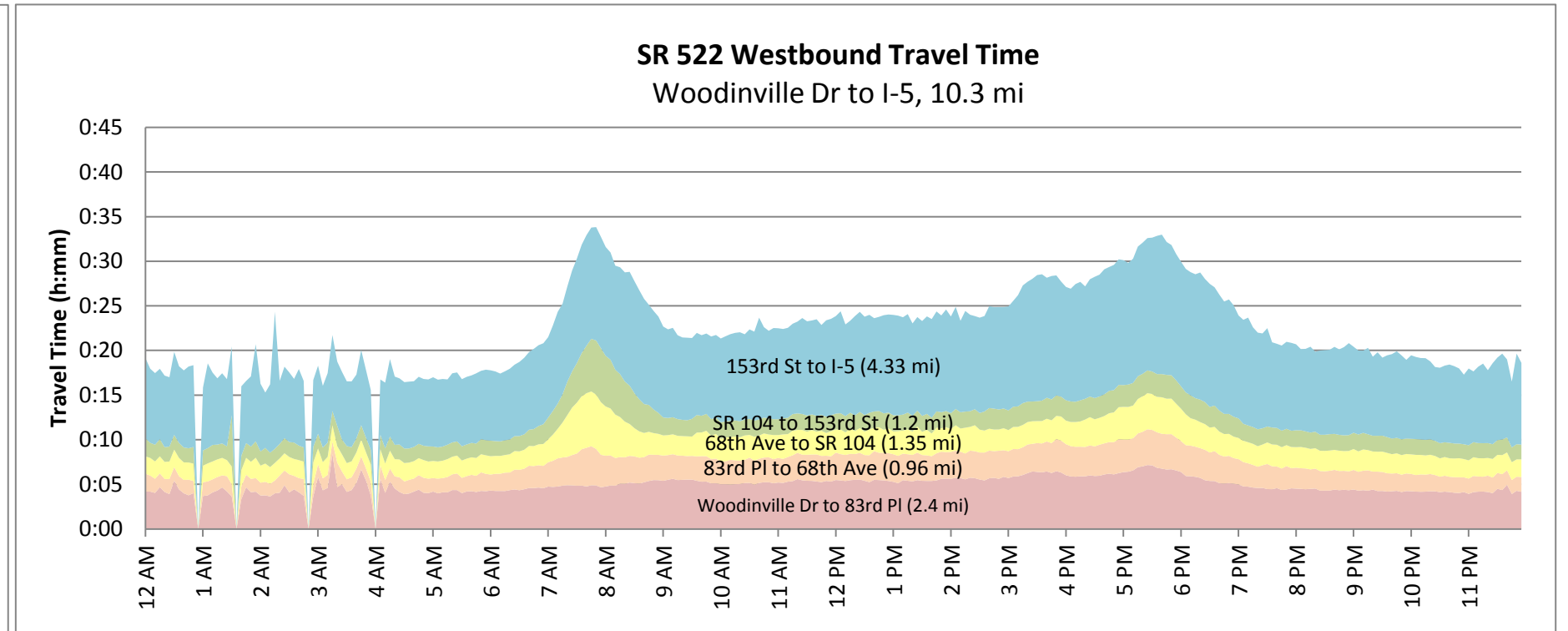
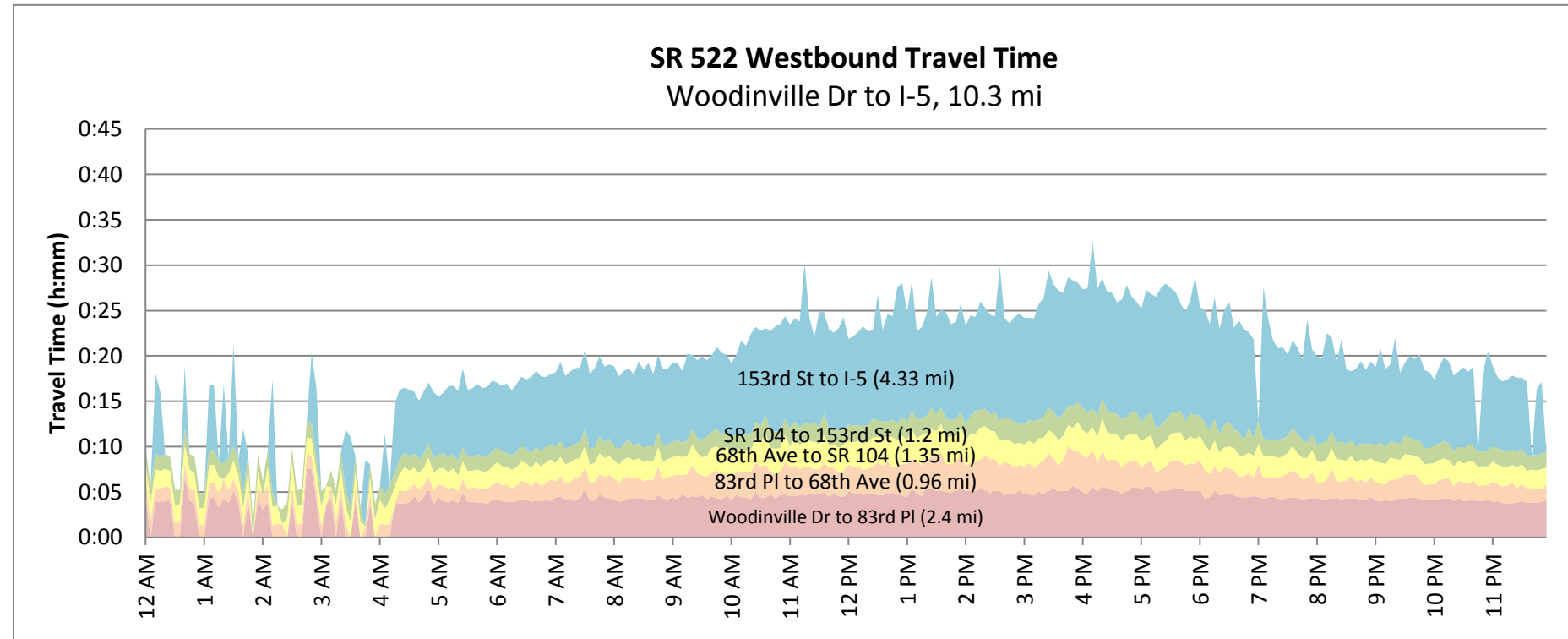


SR 520 Tolling: Traffic Monitoring

SR 522 Travel Times

Friday, December 30, 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