

Update on Traffic Signals Activities

MOITS Subcommittee Meeting

June 10, 2014

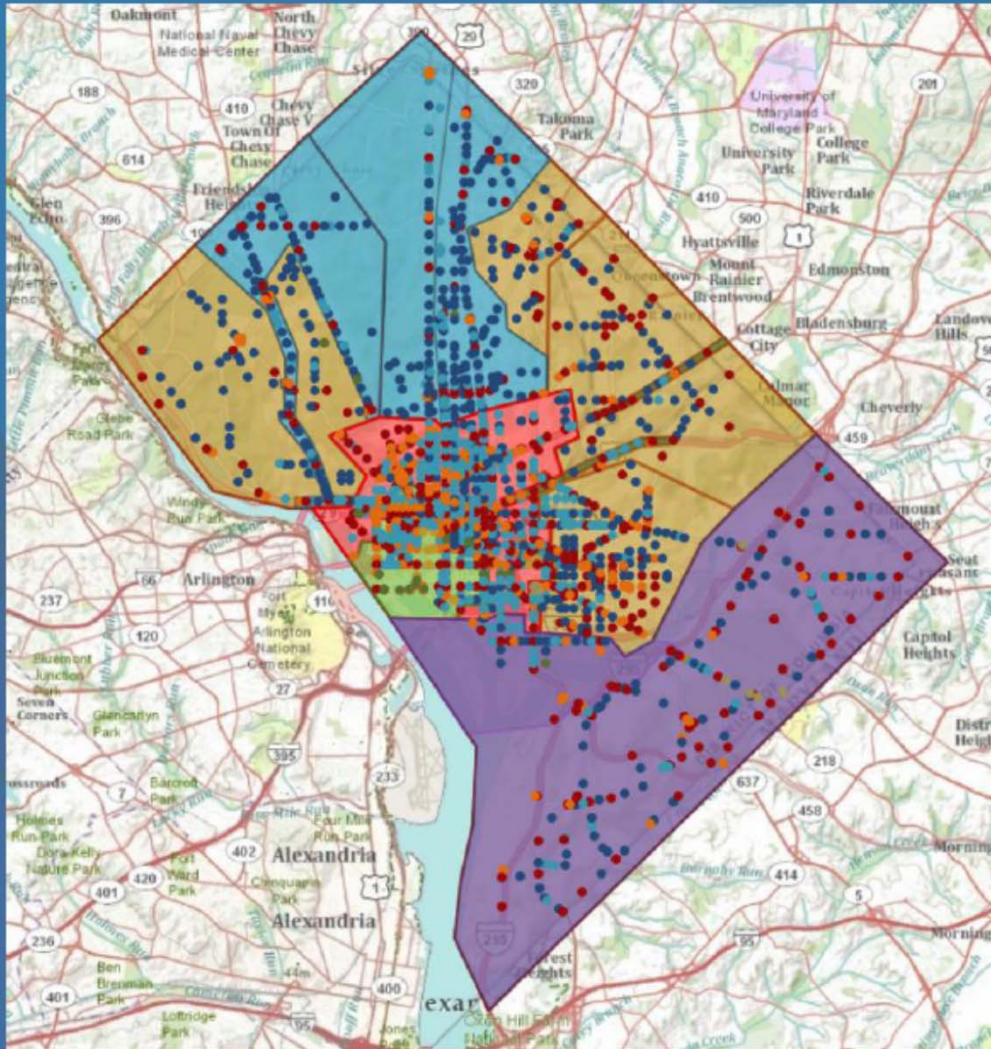
Item #5



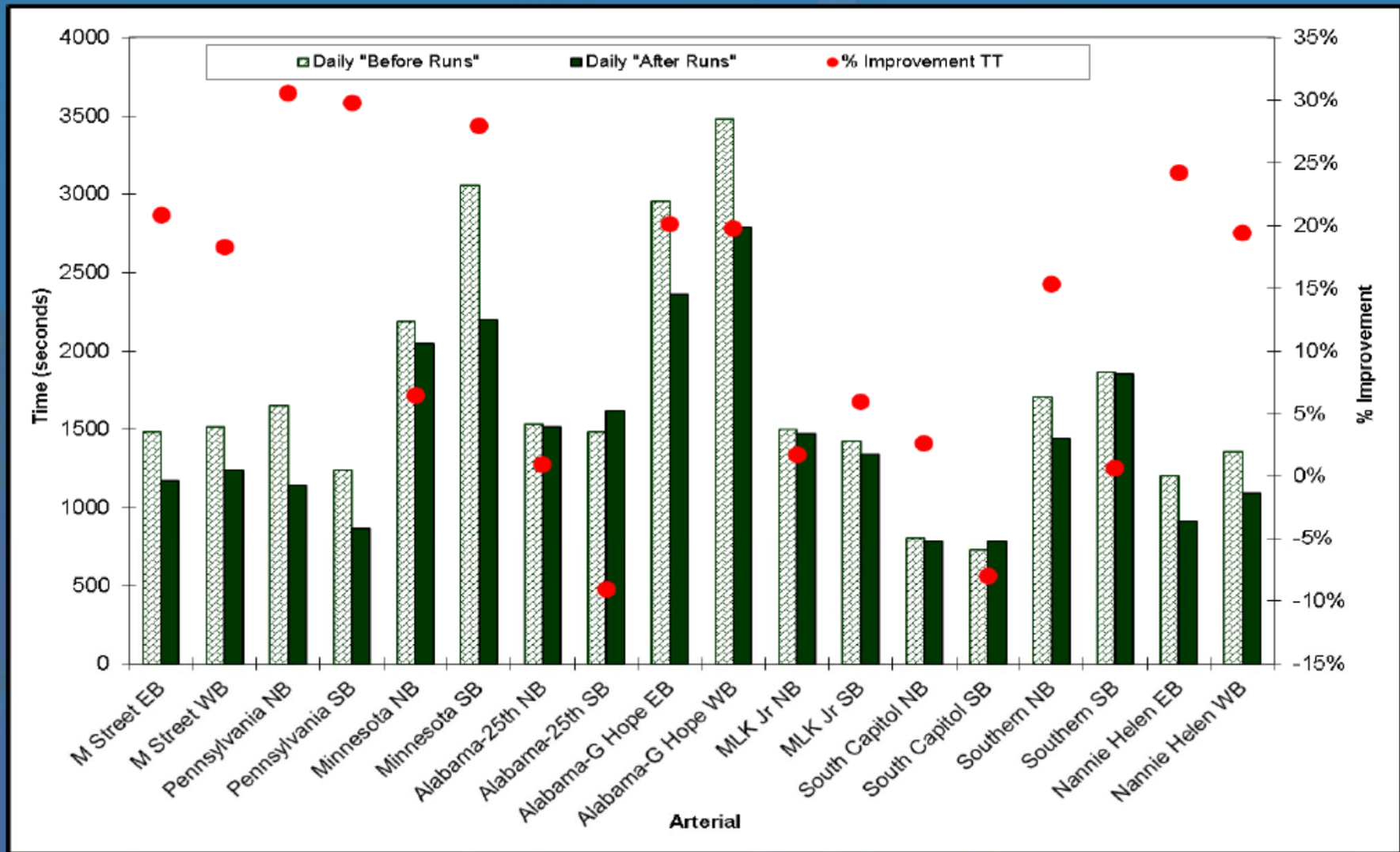
May 6th Subcommittee Meeting

- Discussion on upcoming traffic signal power back-up survey
- Discussion on UASI grant for regional traffic signal power back-ups
- Discussion on input from the Greater Washington Board of Trade
- Presentation on induction lighting technologies
- Discussion of SHA wireless communications pilot project
- Briefing on DDOT signal optimization project

Zone Boundaries

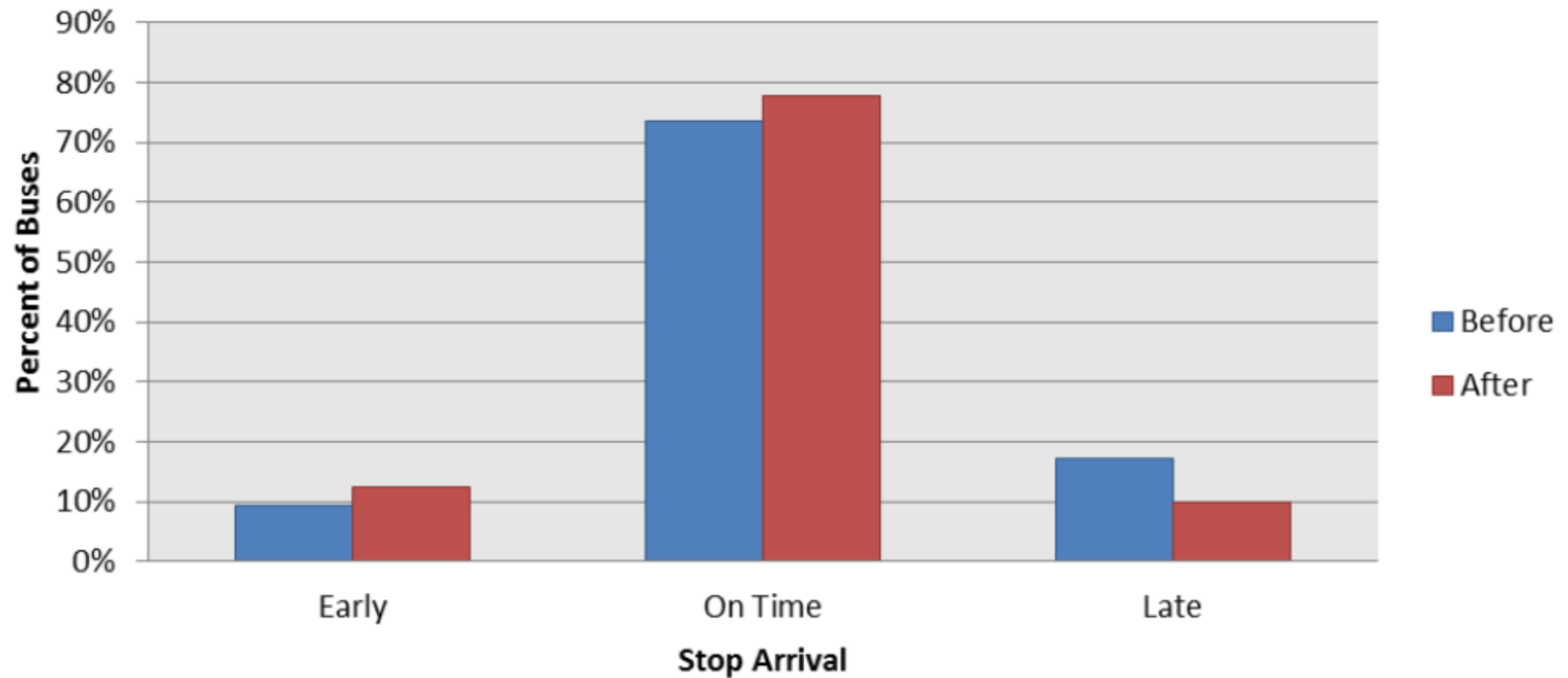


Zone 3 – 'Before' Vs. 'After' Travel Times



Zone 3 – ‘Before’ Vs ‘After’ Bus Arrivals

Metro Bus Stop Arrival (18 Routes)



Power Back-Up Survey

- Conducted on an annual basis – as of June 30th
- Tracks the number of signals that have either battery back-up or are generator-ready
- Emergency Preparedness Council requested more information on availability of generators and deployment plans
- Survey will be discussed in next traffic signals subcommittee meeting for distribution in July

Previous Survey Results



- Reported proportion of the region’s 5,500+ traffic signals with power back-ups

Type of Back-up	12/31/2011	6/30/2012	12/31/2012	6/30/2013
Battery-based	15%	22%	26%	26%
Generator-ready	N/A	42%	50%	61%

- Note: most battery-based systems also have generator-ready features

Outlook

- Conduct FY 2014 power back-up survey
- Work with jurisdictions to finalize UASI grant application process
- Continue discussion on ongoing topics
- Plan for future subcommittee activities