

# Arlington TDM, Active Transportation & First/Last Mile Solutions

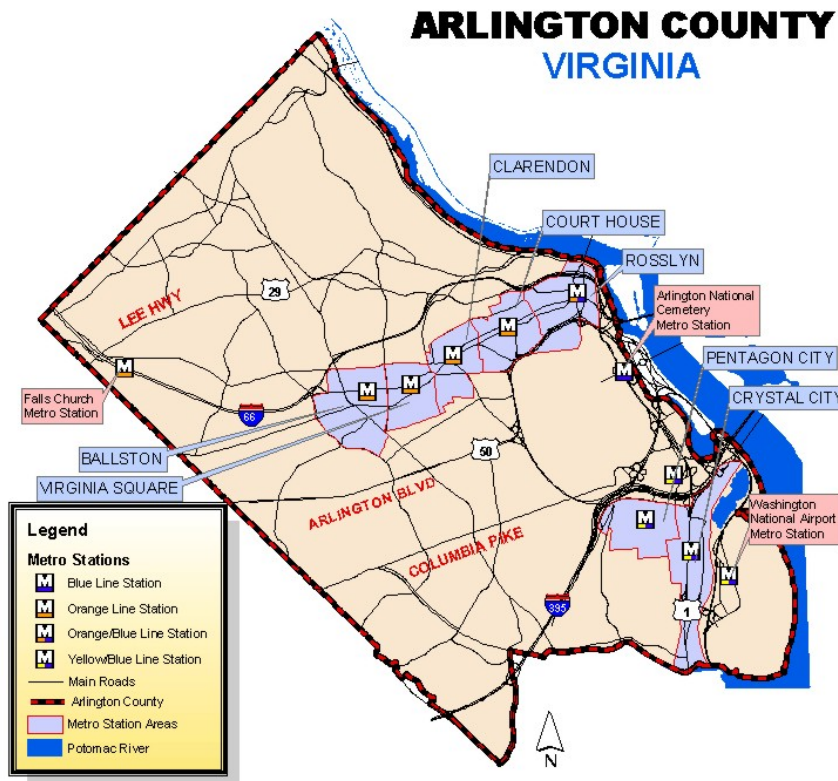
MWCOG TPB:  
Regional Public Transit Subcommittee

March 28, 2017

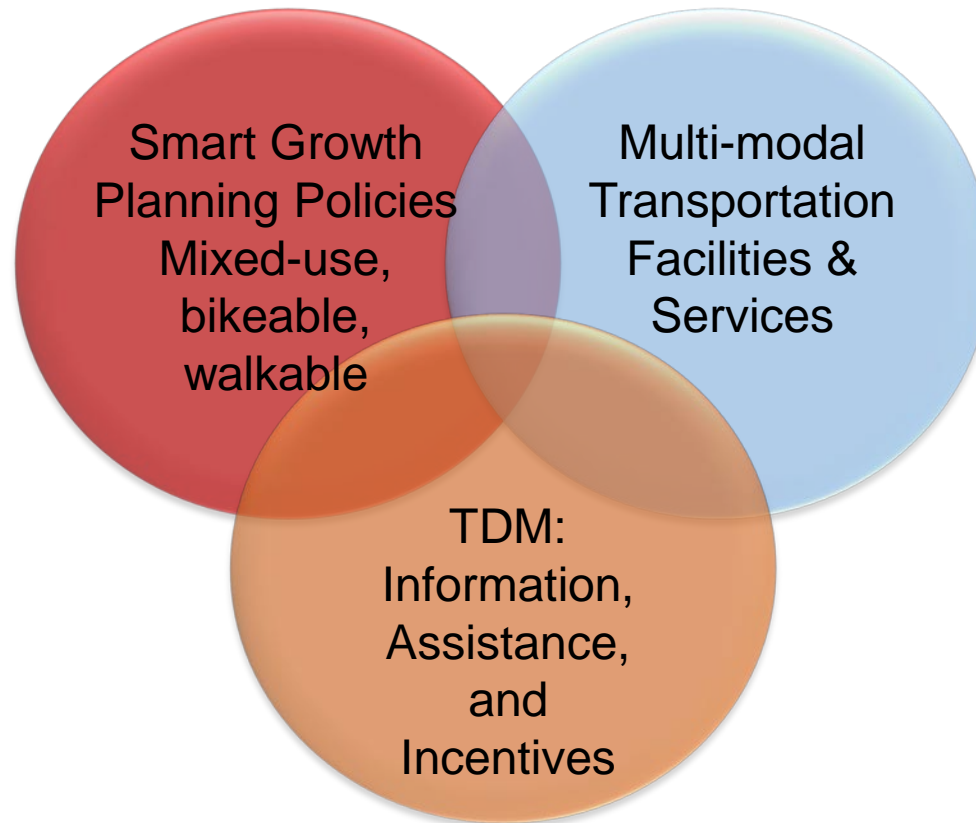


# Arlington's Transit-oriented "villages"

- Transit-Oriented Urban Villages Development
- 211,000 res., 227,000 jobs, 43.6 million SF office
- More private office than downtown Denver, Dallas, LA



# TDM is the **Software** that Helps the County's Transportation **Hardware** Work Better







# ACCS Programs/Services

- ATP – Employer, resident, visitor, development
- Car-Free Diet Marketing
- CommuterPage.com
- CommuterDirect.com
- CommuterStores
- Mobile CommuterStore
- Commuter Information Center & Fulfillment

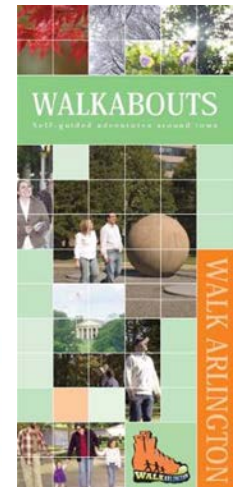


## ACCS Programs

- Brochure Distribution
- Capital Bikeshare
- BikeArlington
- WalkArlington
- Carsharing
- TDM for Site Plan Development
- Mobility Lab – R & D supports all programs



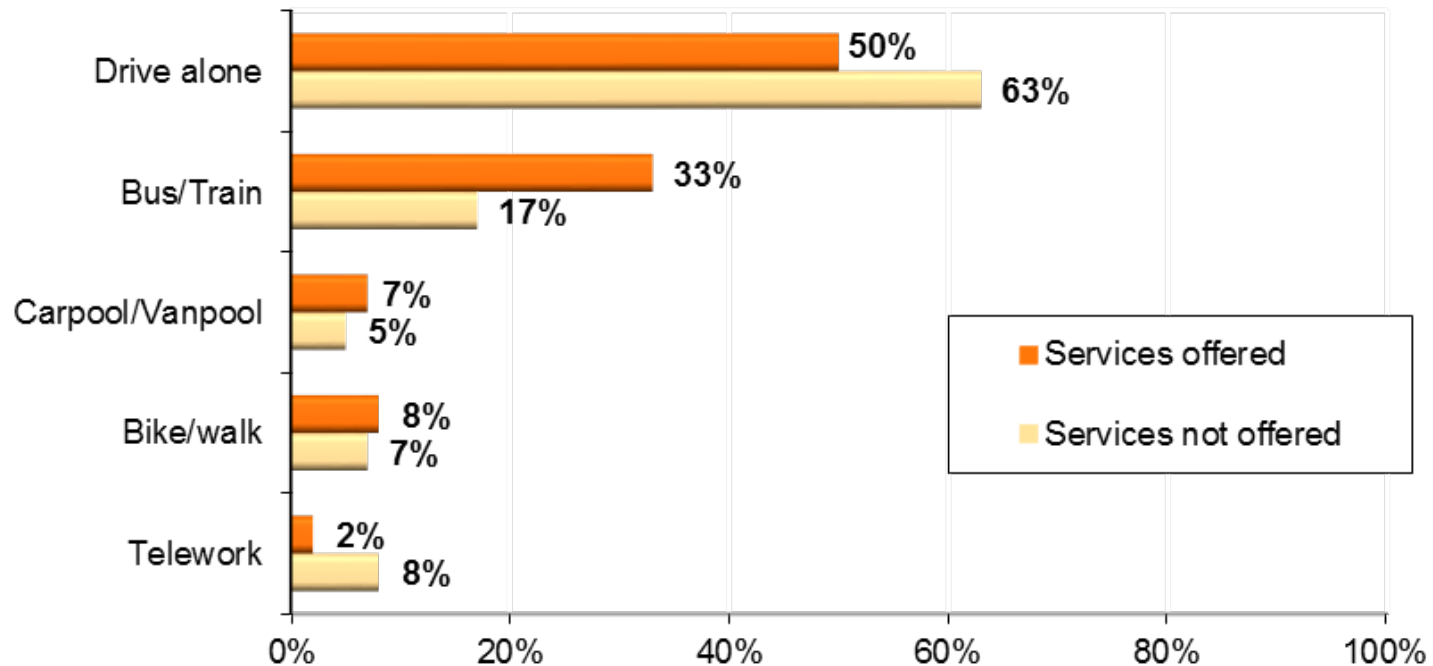
Bike   
Arlington



# TDM Impacts

# Worksite Impact: With TDM at Worksites Transit use is doubled, SOV 20% lower

Arlington Residents  
Commuter Services/Benefits Offered or Not  
Offered – 2013 COG State of Commute



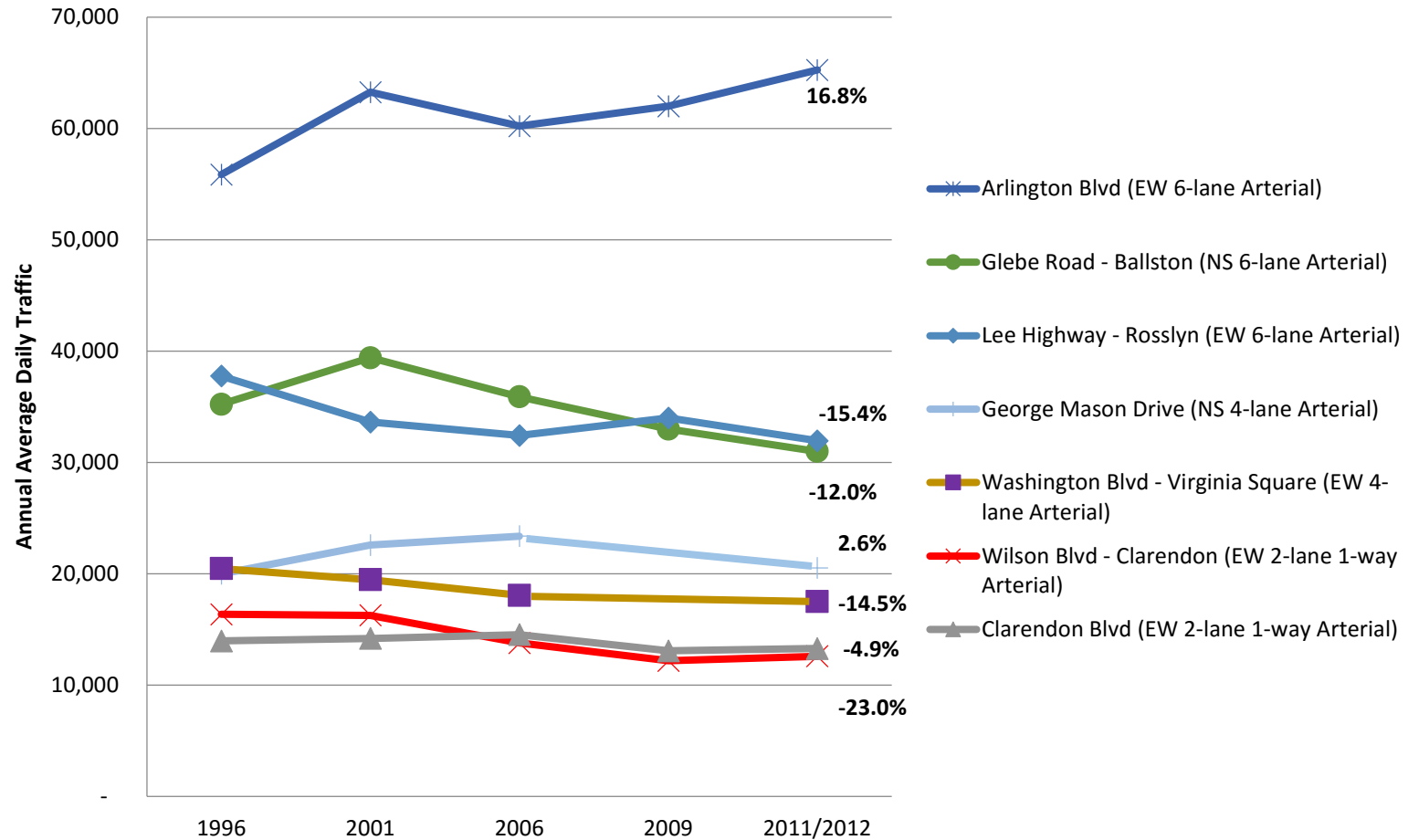
## Jurisdiction Level Impact: Arlington

- **41,000 SOV trips shifted off the roads** to other modes each workday (1 freeway lane = 4,000 – 6,000 vehicles in peak period) – 2014 estimate – Arlington and region
- 718,000 miles of travel reduced daily
- 31,000 gallons of fuel saved/day, 8.1 million/yr.
- 350 tons of emissions reduced/day



# Arlington County Traffic: 1996 - 2013

## Arterial Counts Flat (Transit up 38%)



# Active Transportation Programs:



# Events:



**Arlington  
Active Street  
FESTIVAL**



*County Wandering*

New Public Sites Walking Tours with Graham Coreil-Allen

arlington on arts   Walk Arlington   courthouse 2.0 REIMAGINING THE CIVIC



**NATIONAL  
WALKING DAY  
2016**

Walk Arlington 

**Walkabouts**



stroll  
ramble  
pace  
hike  
trek  
walk

**BIKE TO  
WORK  
DAY 2017**

**CAR  
FREE  
DAY**  
METRO DC



**STEP IT UP!**

Surgeon General's Call to Action to Promote Walking and Walkable Communities







**WALK  
TO SCHOOL DAY**

Celebrating **20** Years



# Encouragement:



# be a PAL

Predictable | Alert | Lawful

## Rethink Energy: Lighten Up Arlington!

SPONSORED FEATURE

byARLnow.com Sponsor – November 5, 2016 at 12:00 pm

19 Comments



Bike  Arlington

Walk  Arlington

Arlington Initiative to  
**Rethink  
Energy**





# Engineering:





# Enforcement:

## ACPD Continuing Pedestrian Safety Enforcement Details

NEWS

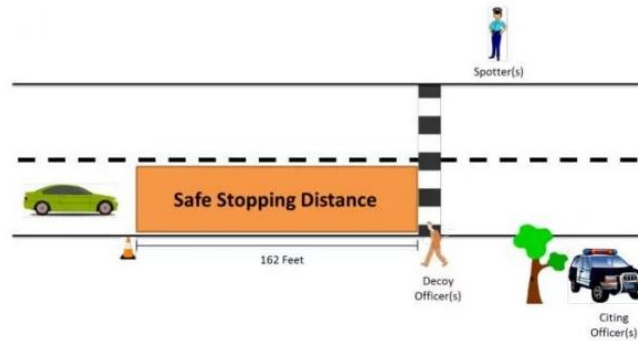
by [ARLnow.com](http://ARLnow.com) – January 30, 2017 at 1:15 pm

130 Comments

 arlingtonvapo

Following

### Pedestrian Crosswalk Safety Operation Set-Up Diagram for Posted Speed Limit of 25 mph



43 likes 6 comments

Pedestrian crosswalk enforcement was conducted this morning at the intersection of Washington Boulevard and N. Nelson Street. Using traffic data, drivers in this 30 MPH zone were given 150 feet to see the pedestrian and stop their vehicle. Our pedestrian always waits for a safe break in traffic and never enters in disregard of approaching vehicles. In one hour, 21 citations were issued for failure to yield to pedestrians in the crosswalk. Help make #ArlingtonVA safer by sharing our roads! No matter how you commute, there are ways we can all #BeStreetSmart!

JANUARY 25



# capital bikeshare™

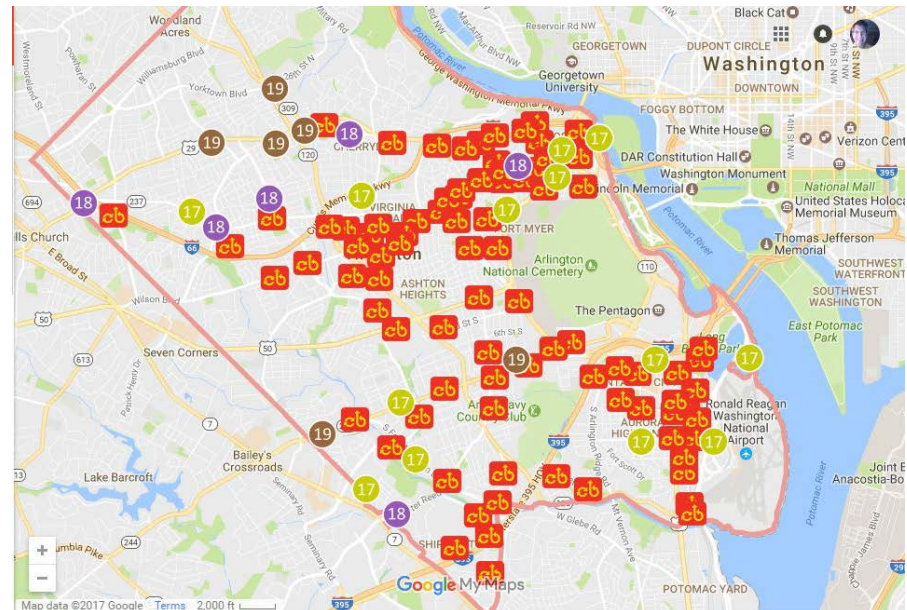
## Regional System

5 jurisdictions - 440 Stations - 3,700 Bikes

16M Trips – 31,871 Annual Members

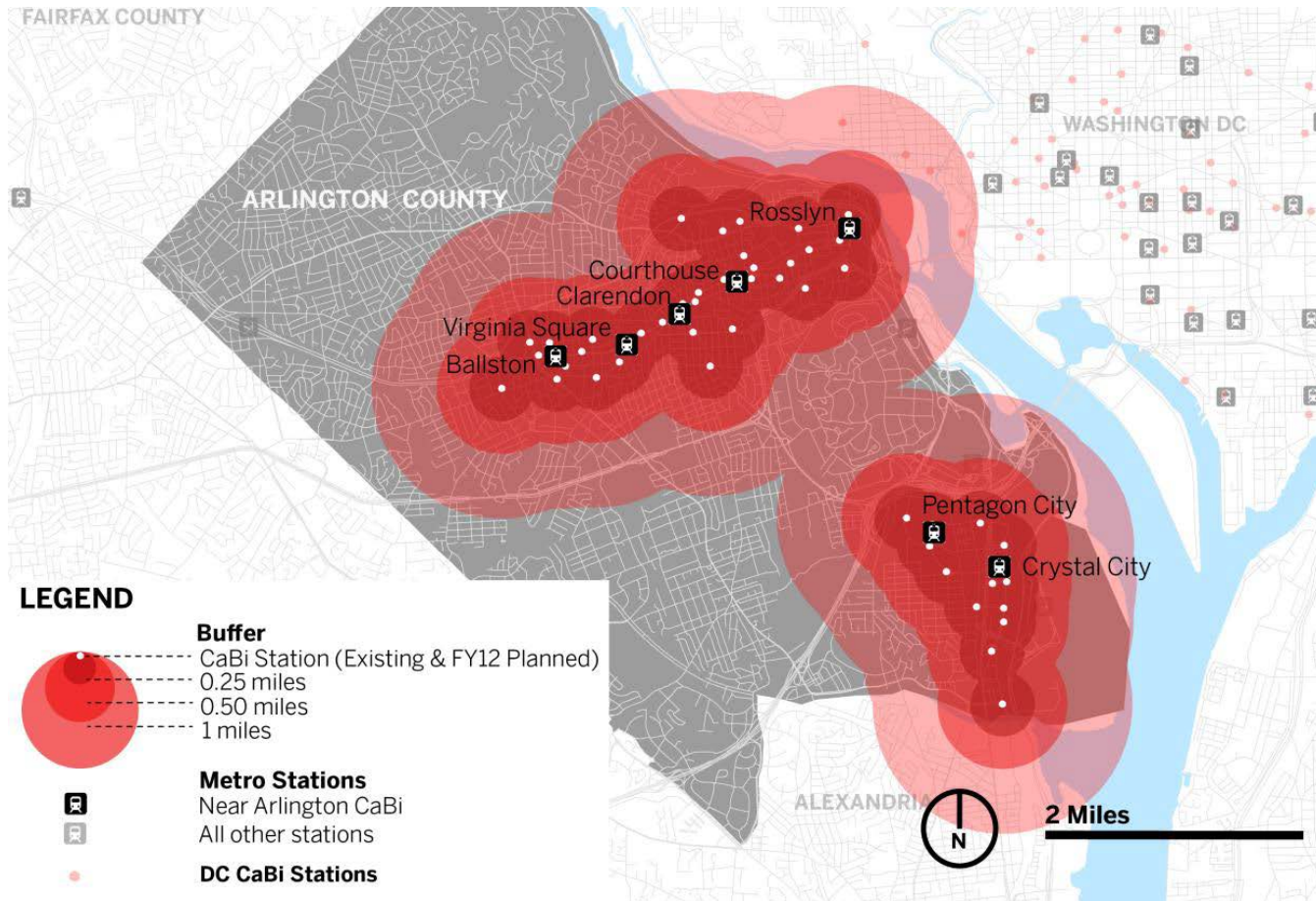
### Arlington

- 88 Stations,
- 600 Bikes
- 1.1M Trips
- 3,765 annual members

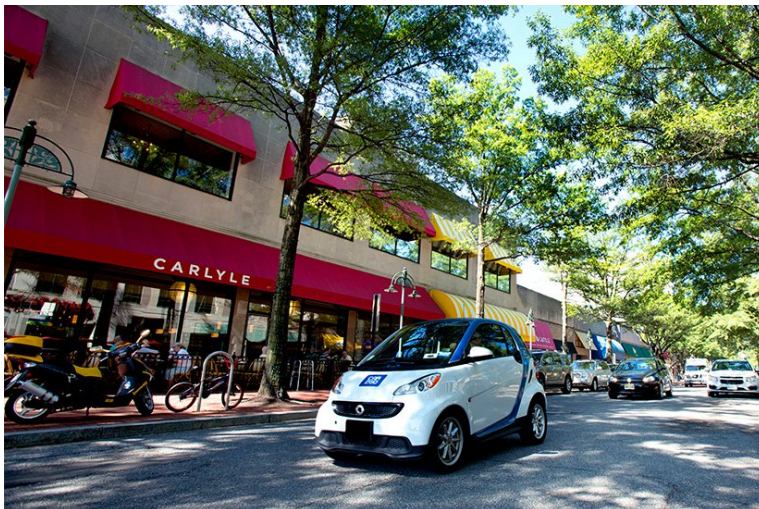




# CaBi: Extending Metro Catchment (2013 Arlington CaBi Transit Development Plan)



# Car Sharing



# Focus: Employer Services



- A major service provider to Arlington's business community
- 785 employer clients, 146,000 employees – 66% of workforce
- **69% provide transit benefit - \$18M/year in private incentives**
- 316 residential clients, 68,000 units – 85% penetration
- 42 hotel clients – 100% penetration
- Site Plan developer clients – assist compliance
- Relocation Services: Important tool for Business Attraction



# Focus: TDM for Site Plan Development

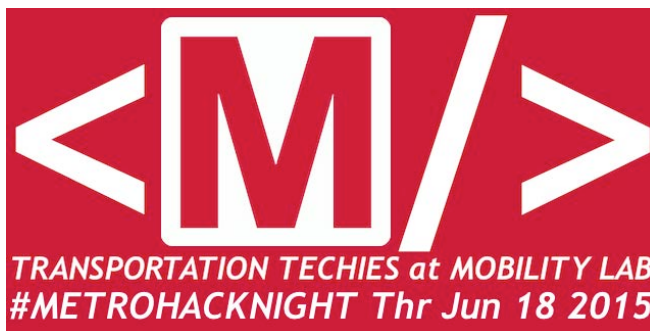
Goal: offer more and better choices at the building level.

- Incorporate important physical infrastructural features (bike parking standards, van-accessible garages), into new or renovated development at the time of construction.
- Actively monitor more than 100 (and counting) site plans to ensure they meet ongoing transportation management program responsibilities:
  - Promoting participation in carpool and vanpool programs
  - Offer transit subsidies to employees
  - Offer showers and lockers for bike commuters
  - Distribute brochures about the bikeway system, bus routes and schedules, and other local transportation options.

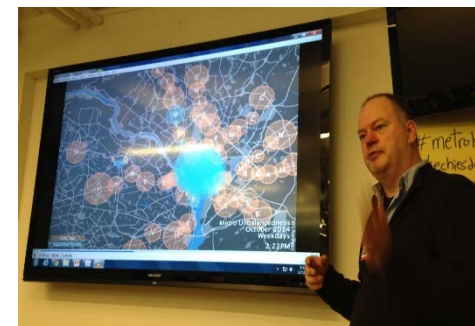


# Technology Innovation: Transportation Techies “Hack Nights”

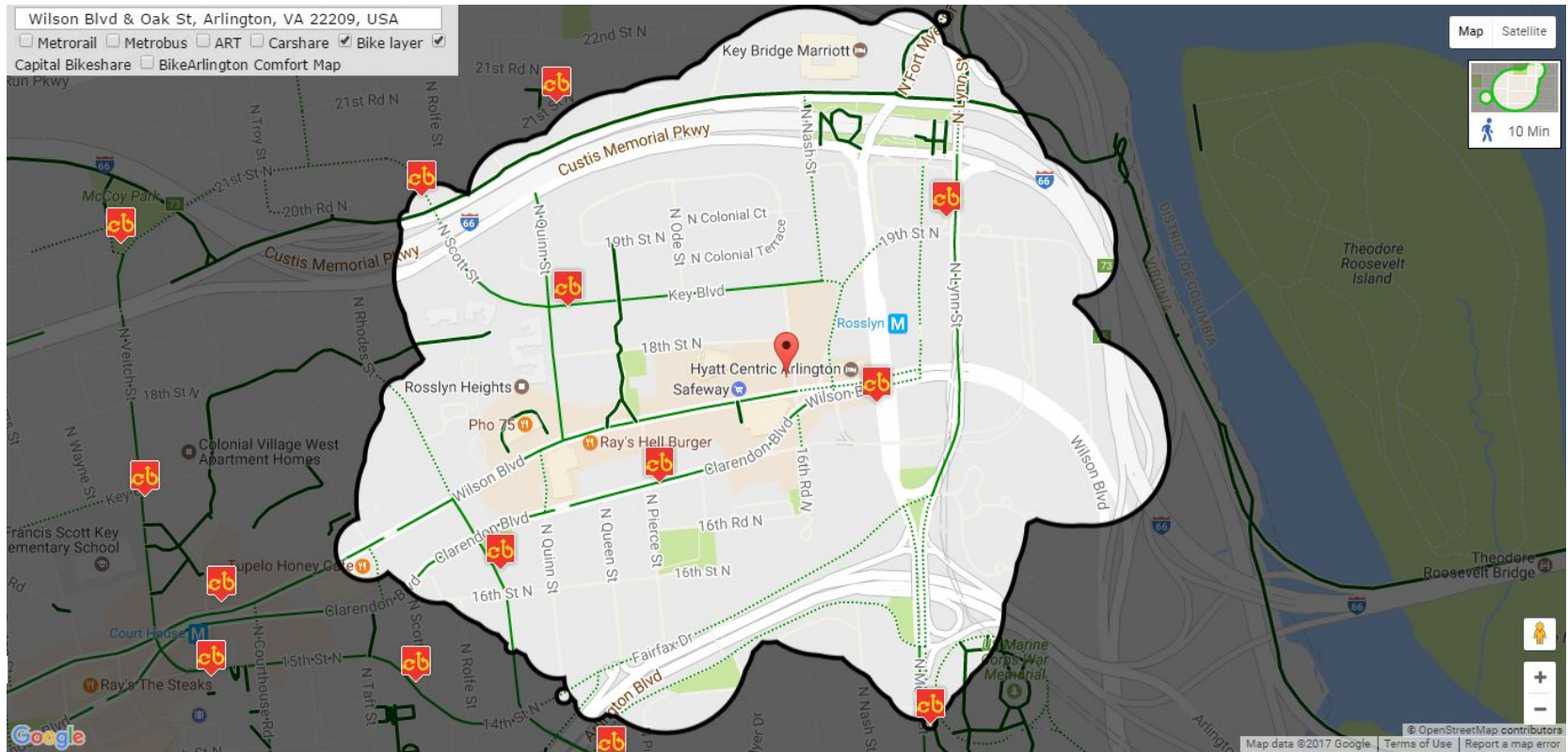
- Monthly Meetups
- Over 1,400 members
- Catalyst for sharing by techies, entrepreneurs, transportation agencies



Google:  
Transportation  
Techies, Click  
Arlington, RSVP



# Travelshed Tool



<http://mvjantzen.com/mobility/walkshed.html>

Questions?

Thank you!

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