

# capital bikeshare™

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## WHAT IS CAPITAL BIKESHARE?

- A joint program between Arlington, D.C., Alexandria, and Montgomery County.
- 3,000 bikes/350 stations, including 84 in Arlington.
- **Publicly owned.** Arlington contracts with a private operator.
- Launched in Fall 2010.
- Public bike transit. Not the same as bike rental.
- Designed for point-to-point, relatively short trips.
- Complements other transport modes.



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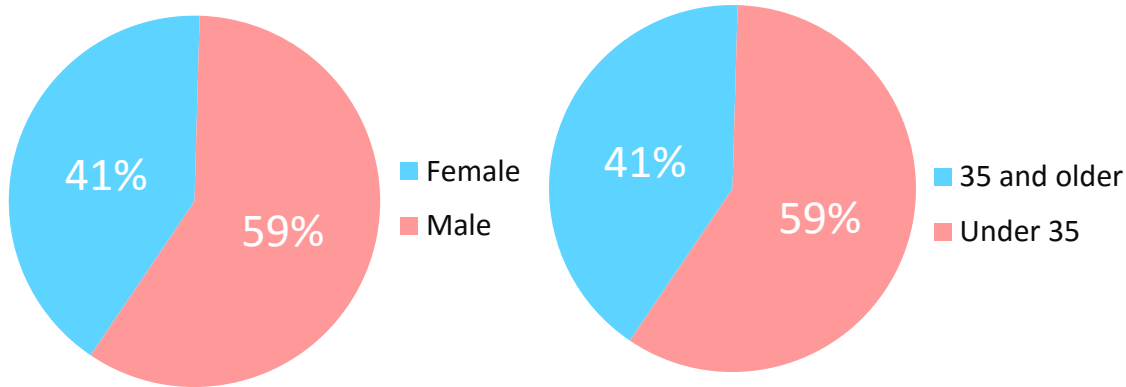


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## WHO USES BIKESHARE?



**58%** own a bicycle

**96%** employed

**5%** full-time students



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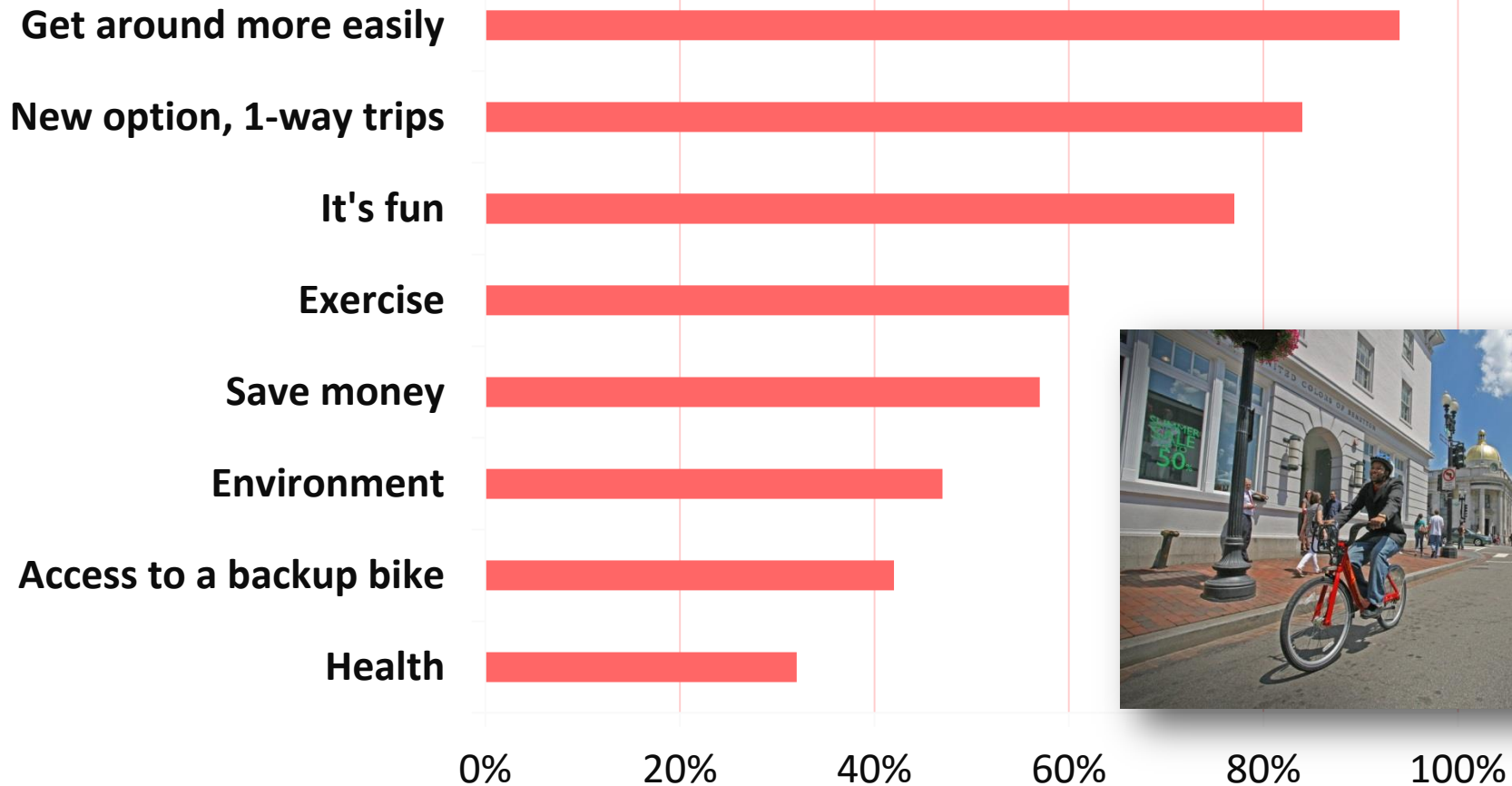


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## WHY DO THEY USE BIKESHARE?



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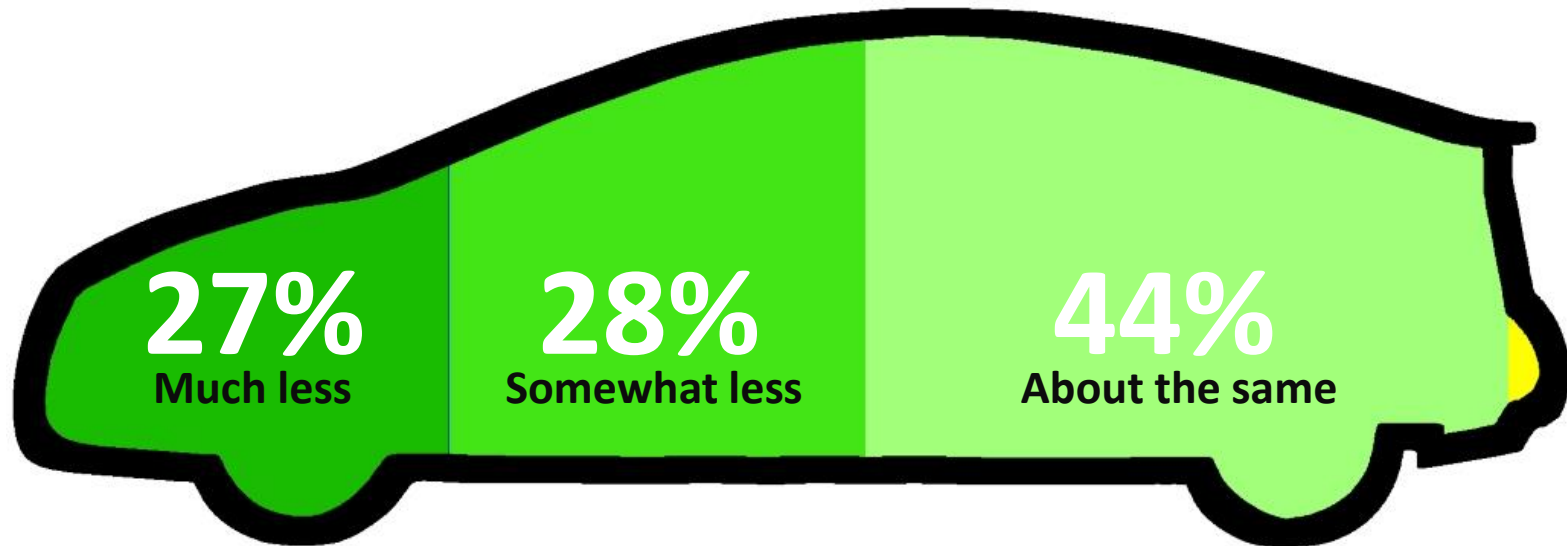


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## BIKESHARE AND CAR USE

How does bikeshare usage affect driving habits?



\* 48% of respondents indicated Capital Bikeshare was a major or the main factor in reduced driving



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## THE STATIONS



- Solar-powered, modular design, not bolted down or wired to the grid.
- Consist of docks, bikes, solar panel, kiosk, and map panel.
- Sizes start at 11 docks.
- Can be installed on streets, on sidewalks (provided at least 6' clearance remains), or on grass.
- Stations installed on grass or similar surface are placed on a concrete pad.



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## STATION AESTHETICS

- Stations are maintained and inspected regularly.
- Stations in more residential areas can be installed without the map/sign.
- Snow is cleared around stations.
- Stations are not lit.



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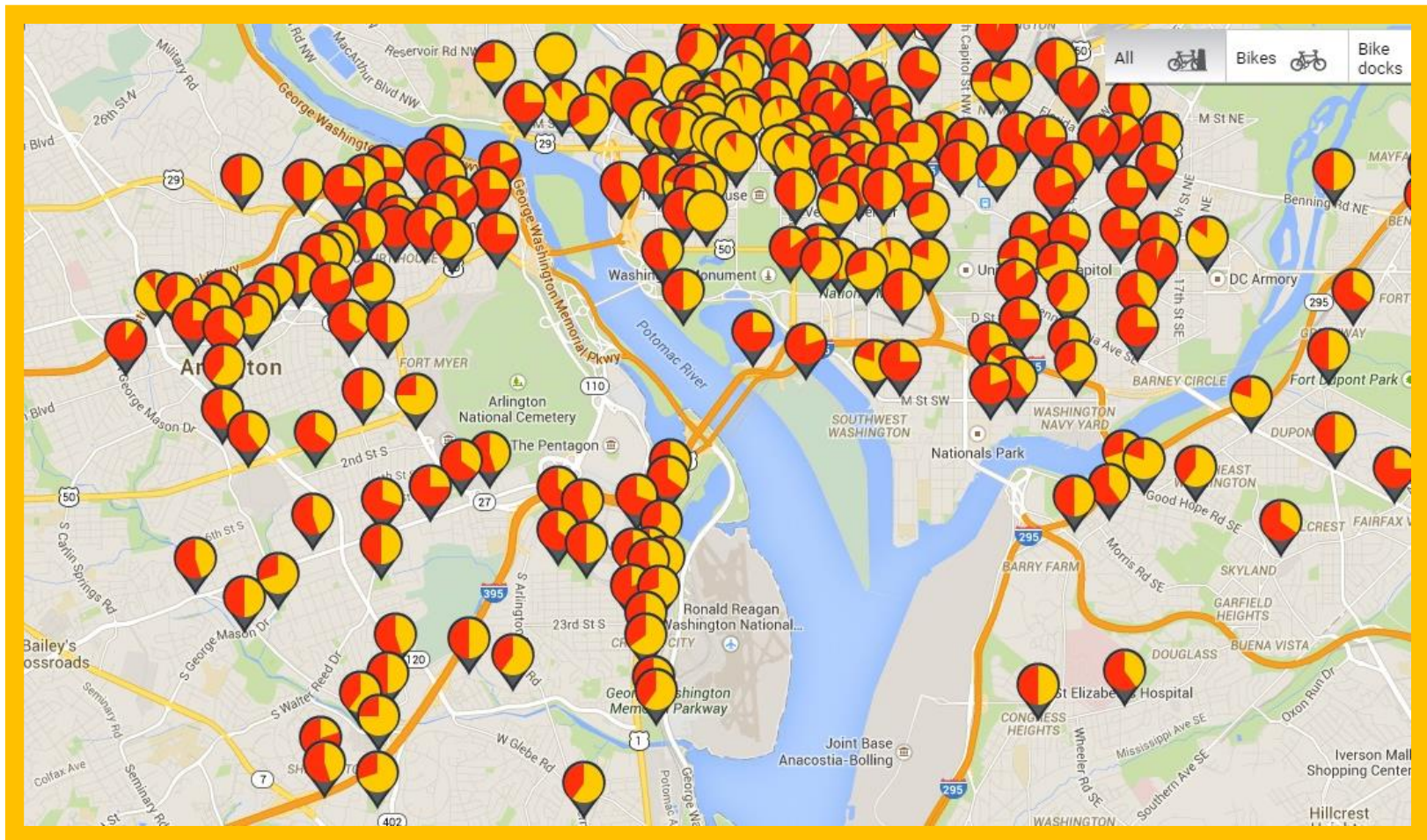
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## WHERE IS CAPITAL BIKESHARE?



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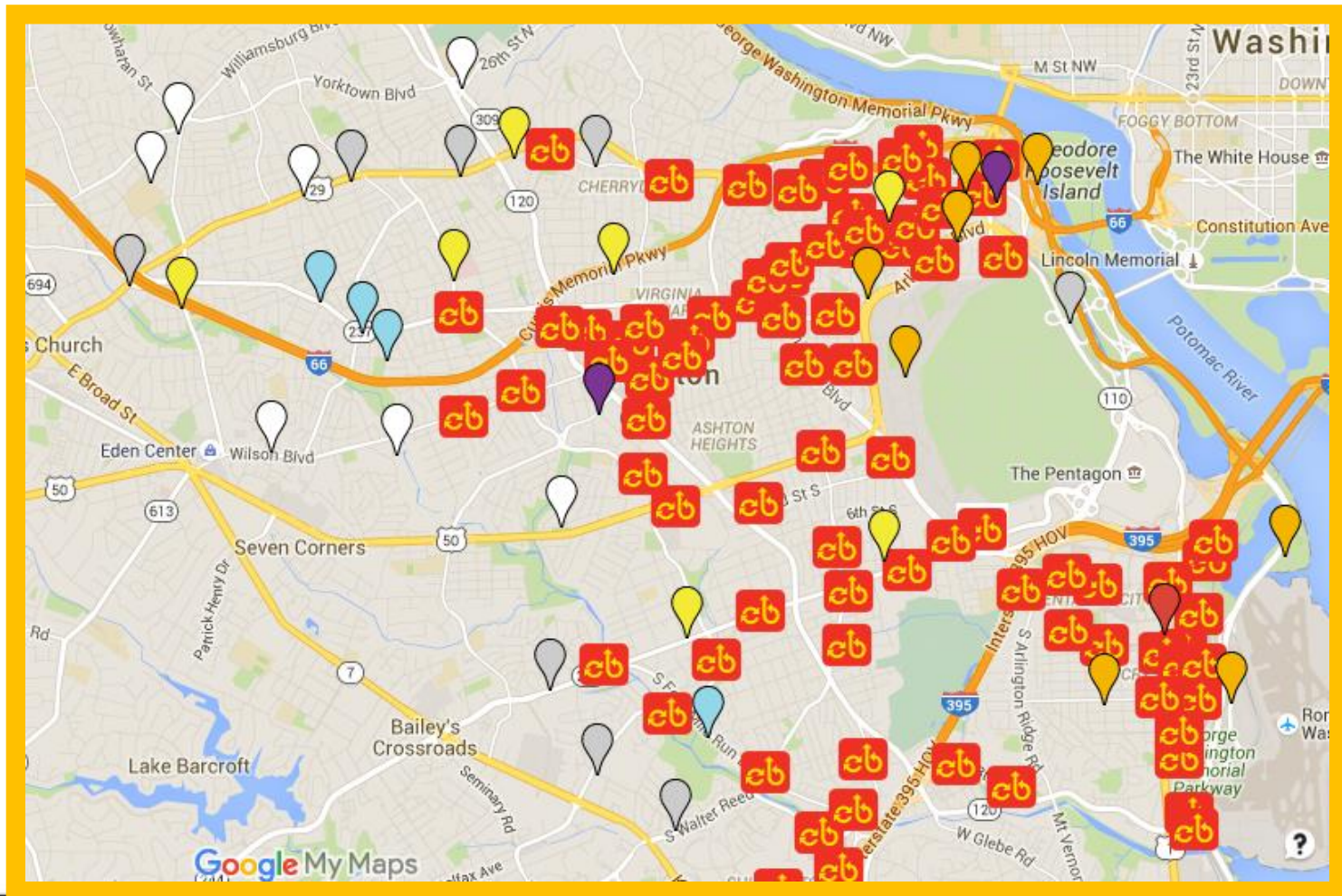
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## THE FUTURE NETWORK - ARLINGTON



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## THE PLANNING PROCESS

- Identify potential sites, ensure meet basic feasibility standards
- **Share with civic associations**
- Work with traffic engineering/parking/development/other County departments
- Station design
- Installation
- Use tracking



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## PLANNING STATIONS: CROWDSOURCED MAP

Inbox - jason@metrobike x MetroBike.net - Calendar x All tasks | Trello x Arlington County, VA - M x Capital Bikeshare Propos x Bike Arlington: Crowdsou x

cabistations.com

**Bike Arlington** Capital Bikeshare "Suggest a Station" Crowdsourcing Map

**Legend**

- County Suggested
- Community Suggested
- Existing Bikeshare Locations
- Off Street Trails
- Bike Lanes & Sharrows
- On Street Routes
- Approved
- Pending
- Pending Other

**Location**

**Instructions**

1. Zoom to the location where you want to suggest a station and click on the map to drop a pin. Add your comments and click Submit to publish your comment and the location suggestion.
2. To comment on someone else's suggestion click on that location pin and share your opinion by toggling the Like/Dislike buttons and filling in your comments. Click Submit to publish your comment.
3. Repeat. You can suggest and comment on as many locations as you like!

**Your input (Click here to login)**

**Comments**

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**Your Input** (Click here to login)

**Comments**

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## PROPOSED SITES: AURORA HIGHLANDS



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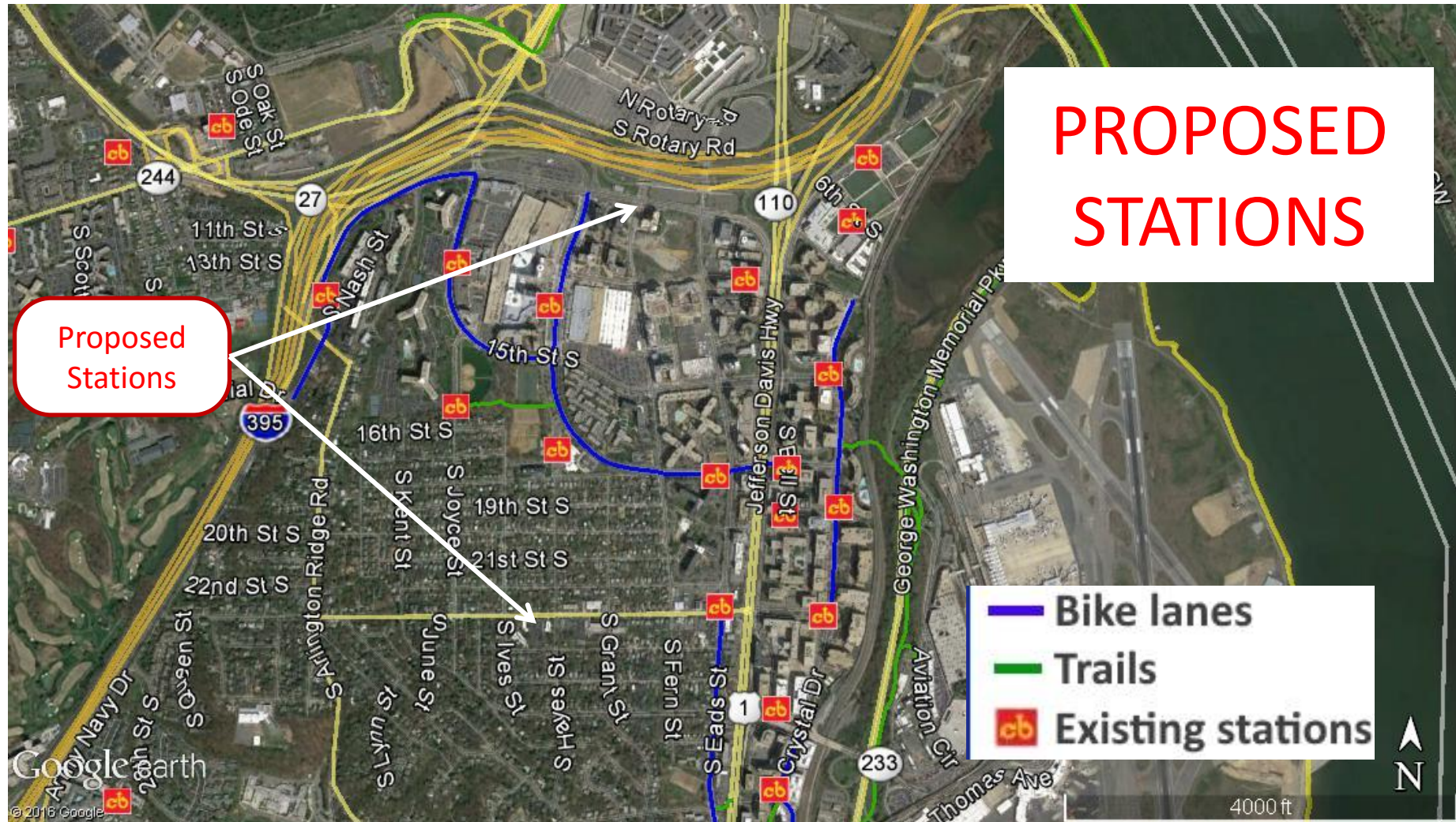


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## HAYES & 23RD



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## HAYES & 23RD



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## WHY NOT 23RD?

- Not sufficient room on sidewalk/planting strip (sidewalks are 6', planter strip only adds about 4')
- Would result in parking loss in front of local businesses
- As traffic volume is heavier along 23<sup>rd</sup>, also would require construction of a "bulbout" – a curb extension – that would roughly double the cost of the station



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## WHY HERE?

- Residents have expressed a desire for a more central location in the neighborhood - stations currently only on the periphery
- Would increase accessibility for neighborhood residents to destinations in Crystal City, Pentagon City
- Comfortable routes are available on neighborhood streets and protected bike lanes, such as on Eads
- Will reduce vehicle travel in neighborhood



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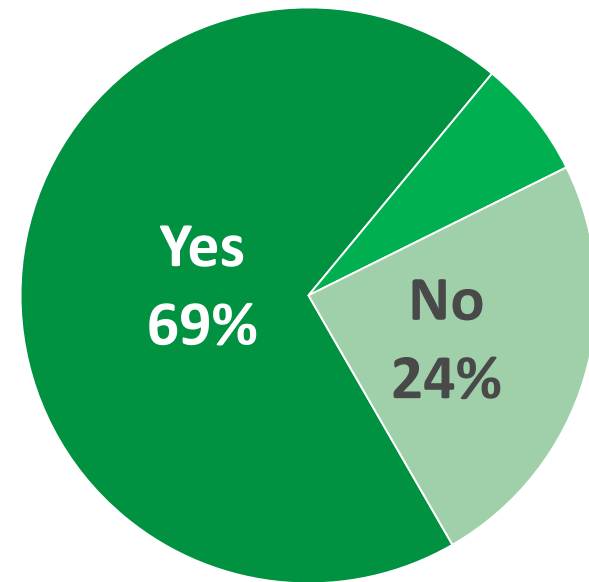
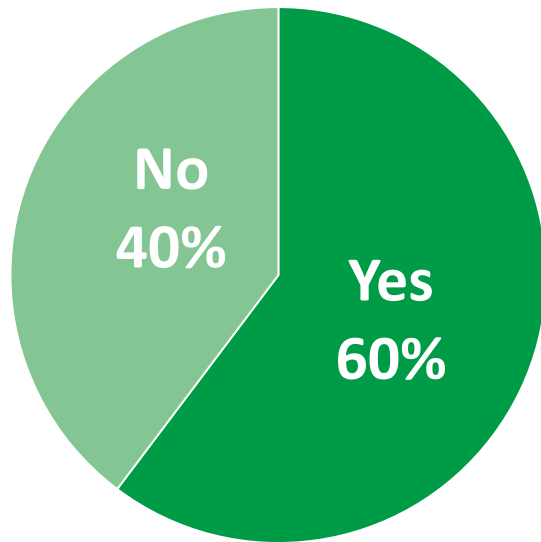




## Survey results: Hayes & 23rd

79 responses, two separate surveys

- Have you used bikeshare?
- Do you like the location?



### Comments:

- Bike share a block from my house. Please!
- Much more convenient for where I live than the other bikeshares in the neighborhood.



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## HAYES & 23<sup>RD</sup>: CONTEXT AND DESIGN

- Across the street from a vehicle parking lot – this provides a parking area for bicycles
- Can be installed without map frame, which essentially leaves the station as a bike rack with 13 spaces
- Hours of rebalancing can be limited
- A permeable pad can be used instead of cement



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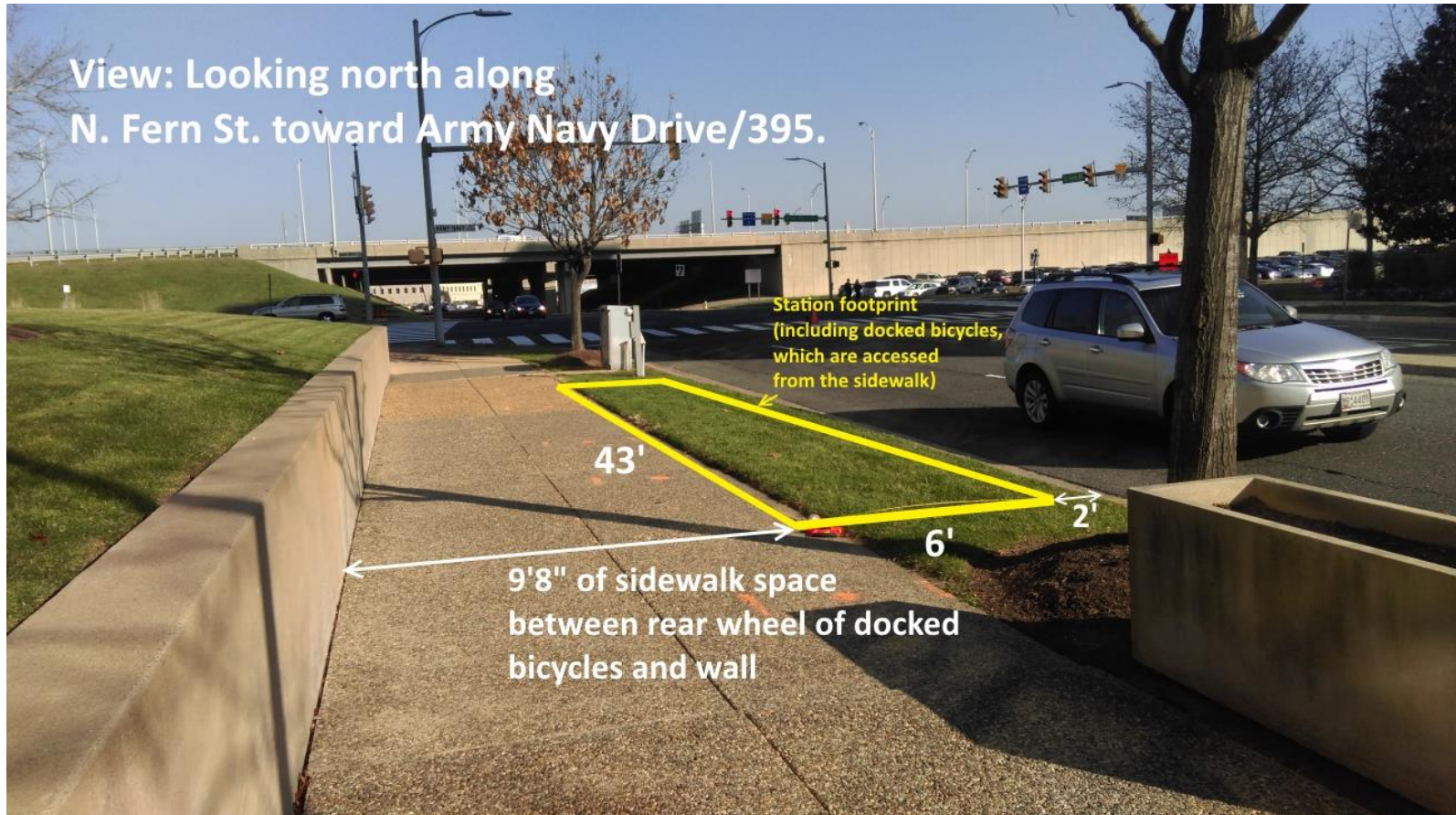


# FERN AND ARMY NAVY DRIVE





## FERN AND ARMY NAVY DRIVE



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## WHY HERE?

- Access to Pentagon (.25 miles), office and other destinations in Pentagon City
- Access to network of bike lanes in the area (Hayes & Eads)



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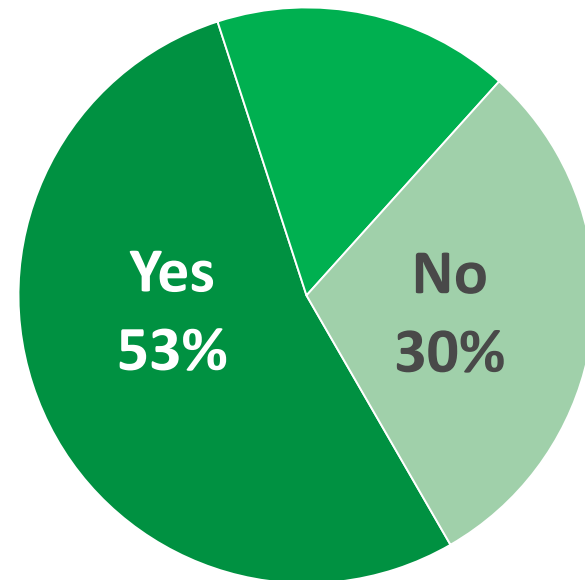
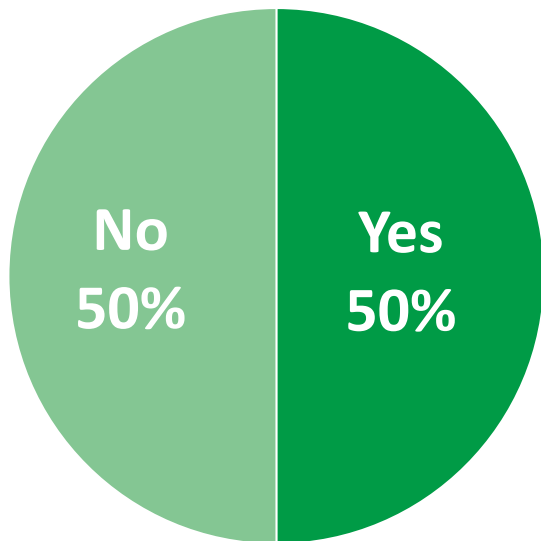
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## Survey results: Fern and Army Navy

30 responses

- Have you used bikeshare?
- Do you like the location?



### Comments:

- Currently, the location doesn't appear to be in a location with lots of pedestrians or bike-friendly infrastructure.
- There is room and would be convenient for folks working near the pentagon.



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