



# 2019 WMATA Summer Shutdown

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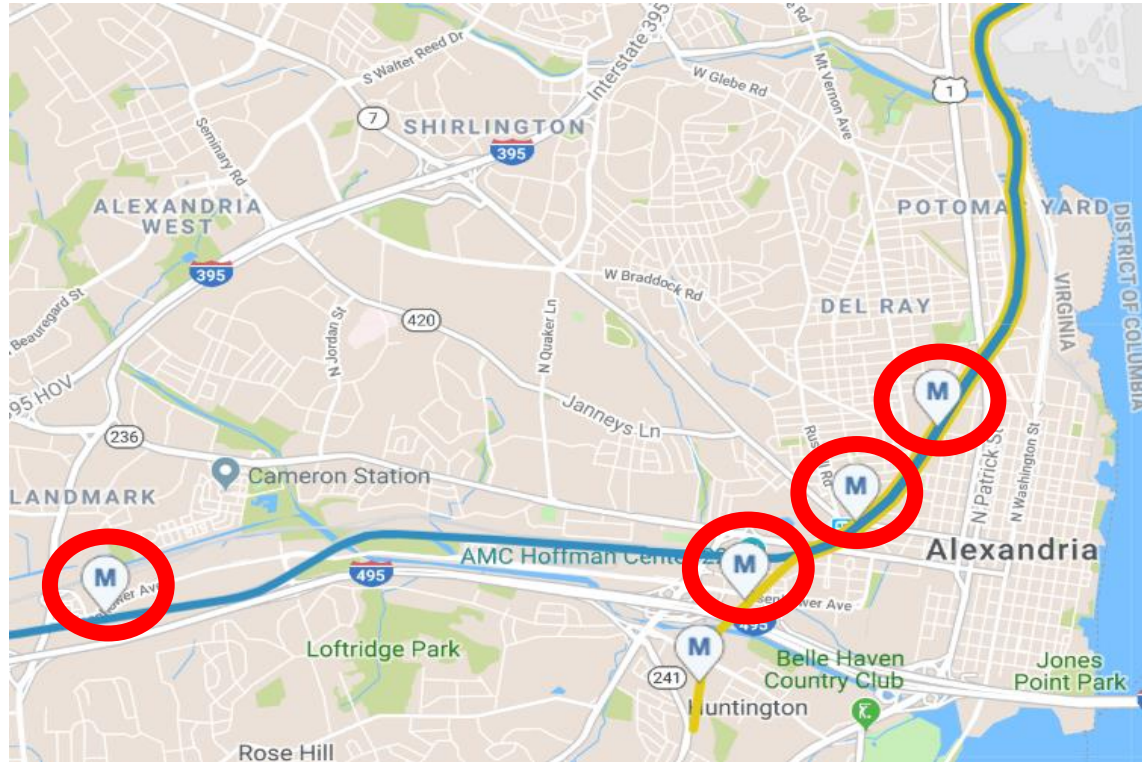
CITY COUNCIL

JANUARY 22, 2019



# What's Happening?

Entire Blue & Yellow line  
past National Airport  
south will be shut down  
between **May 25 and  
September 2, 2019** for  
station platform  
reconstruction and  
upgrades



# State of Platforms

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Braddock Road Station



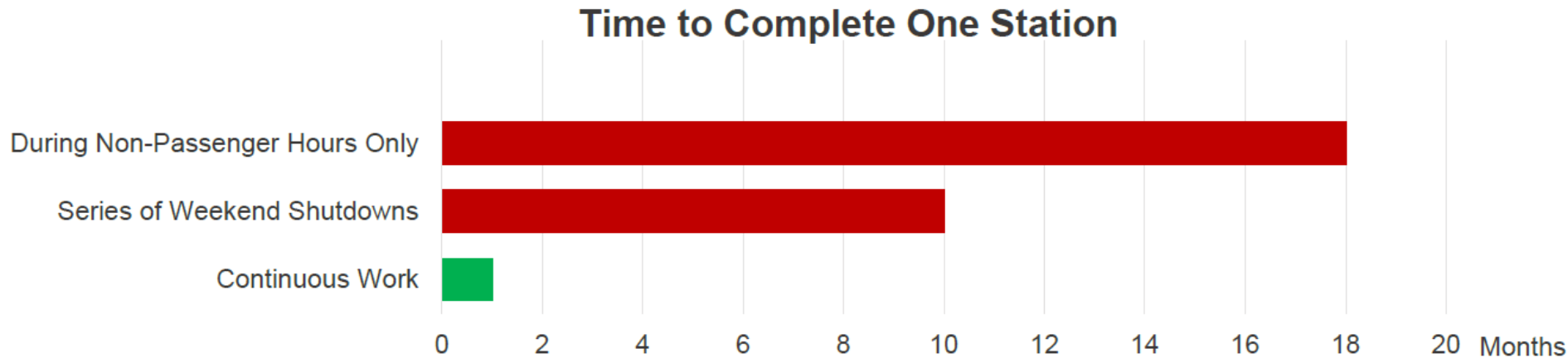
King St Station



Van Dorn Station



# Efficiency Comparison



- Working overnight only would take up to **30 years** to complete 20 stations
- Providing 24/7 track access **cuts project duration by up to 94%**, is **safer**, and **costs less**

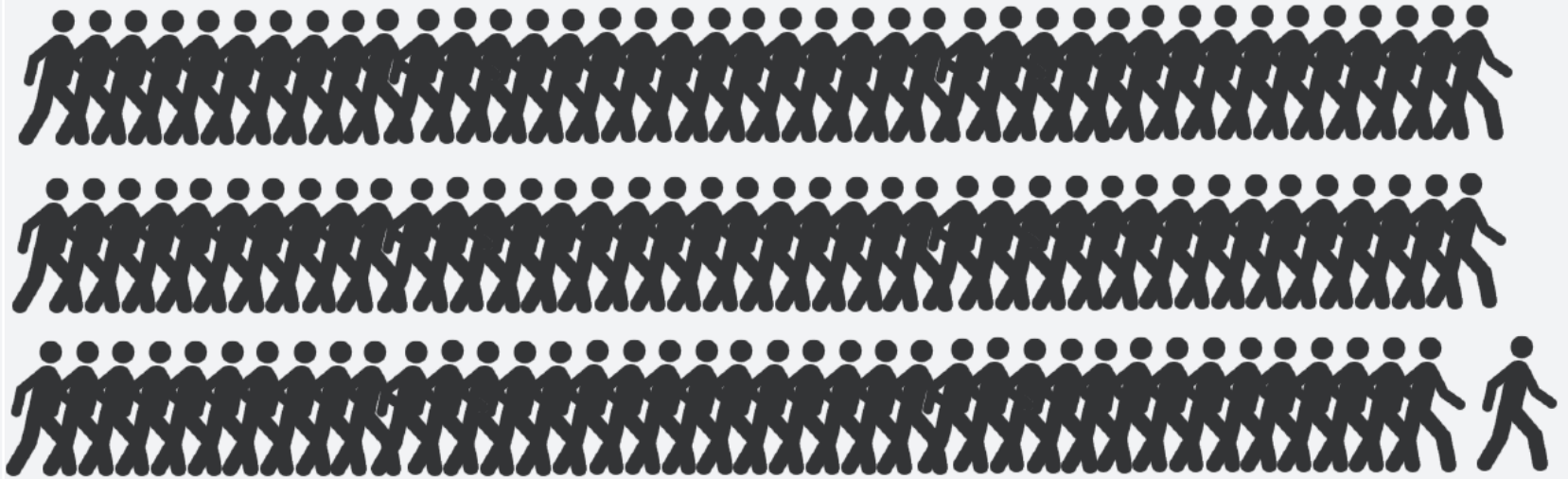


# Minimizing Commuter Impact

Three  
months



Three  
Years



If Federal Employee John takes Metro to work and back home five days/week, he'll be inconvenienced by platform repairs at his station during 130 trips in three months vs. 1,560 trips in 3 years.





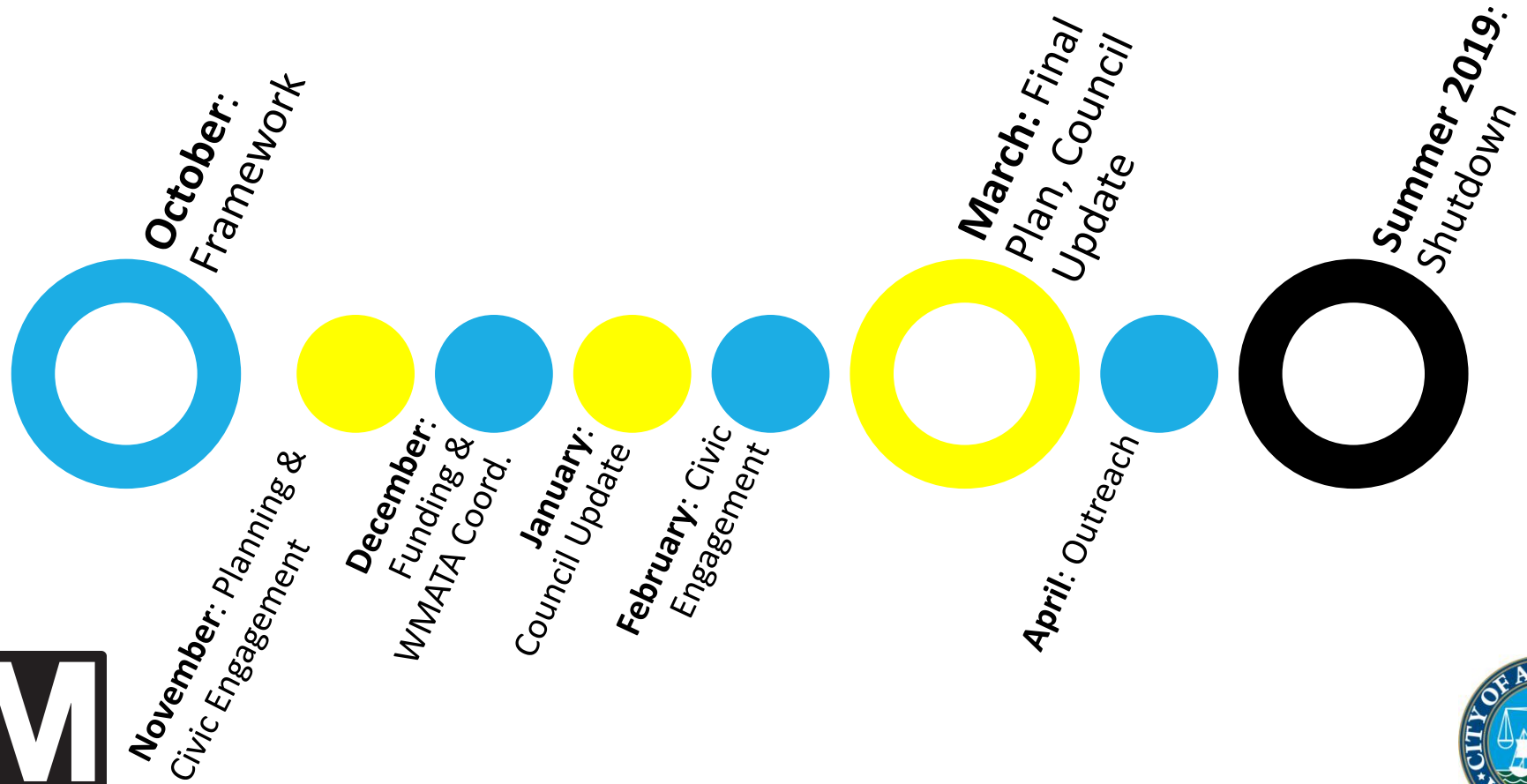
# Metrorail role in City transportation

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- Approximately 21,000 to 30,000 commuters from or through Alexandria on MetroRail during each AM and PM Peak
- City already working to encourage resilience in our transportation system
  - SmartMobility
  - DASH & Metroway
  - 12.5% reduction in vehicles miles traveled (2010 to 2016)



# Timeline



# Framework: Four Pillars

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## 1. WMATA

- Shuttles & Increased Service on Key Connections

## 2. City/DASH

- DASH temporary fleet may allow for service enhancements
- City operations, signage, parking & more

## 3. Mobility Alternatives

- Transportation Network Companies
- Jurisdictional transit modifications

## 4. Communications & Outreach

- Travel demand management





# Community Feedback

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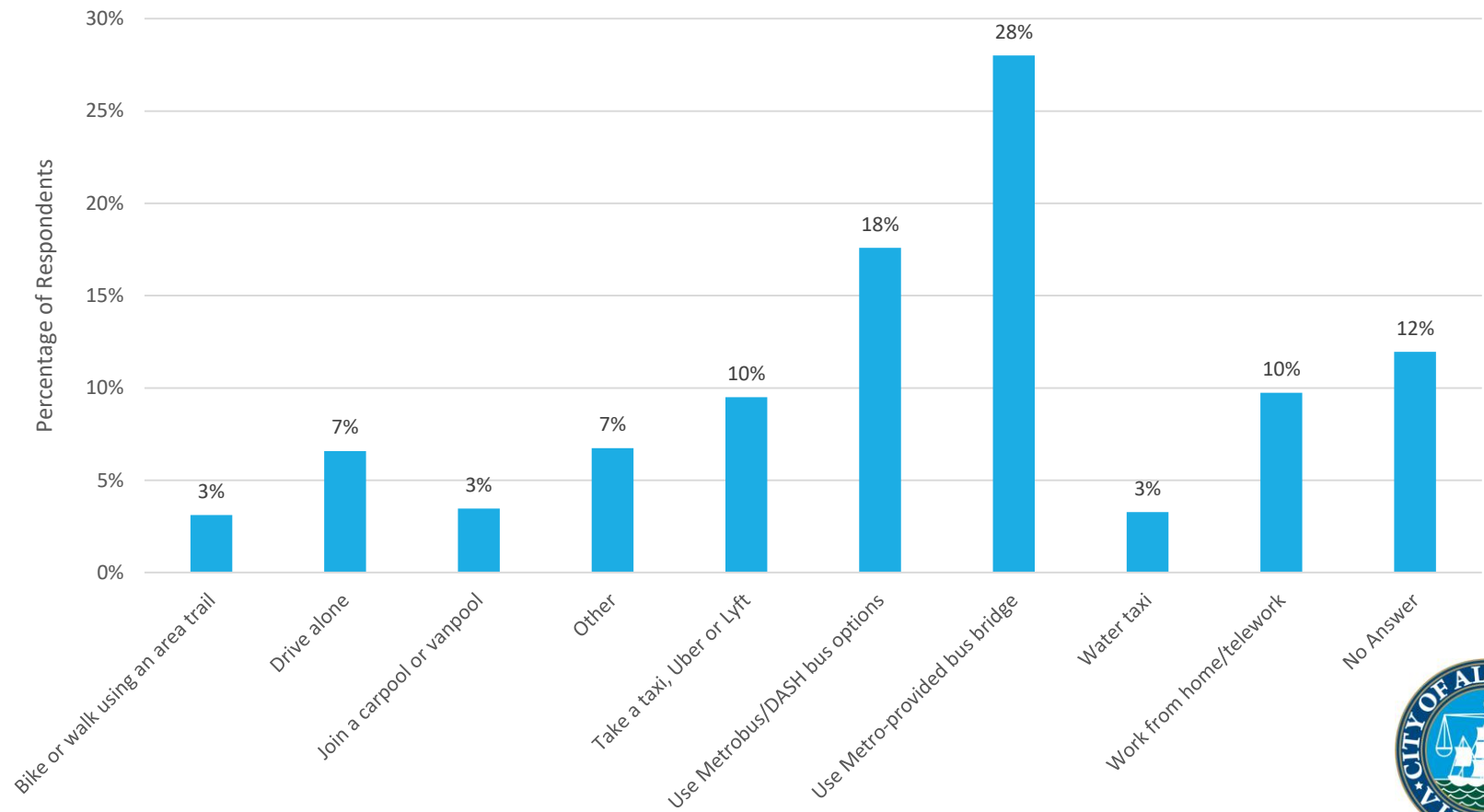
Feedback Form Response: 2,535 responses

- ❑ **63%** of respondents cited high impact
- ❑ **43%** of respondents telework at least occasionally
- ❑ Other comments and input:
  - Input from **62 businesses** – Chamber did second survey
  - Respondents concerned with impact to **visitors**
  - Concerns for **low-income riders**



# Community Feedback

If the City provided help for you to take another option, what option would you be most interested in?



# WMATA Response to City Manager

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## Commitment to:

- Explore additional service
- Provide additional buses based on demand\*

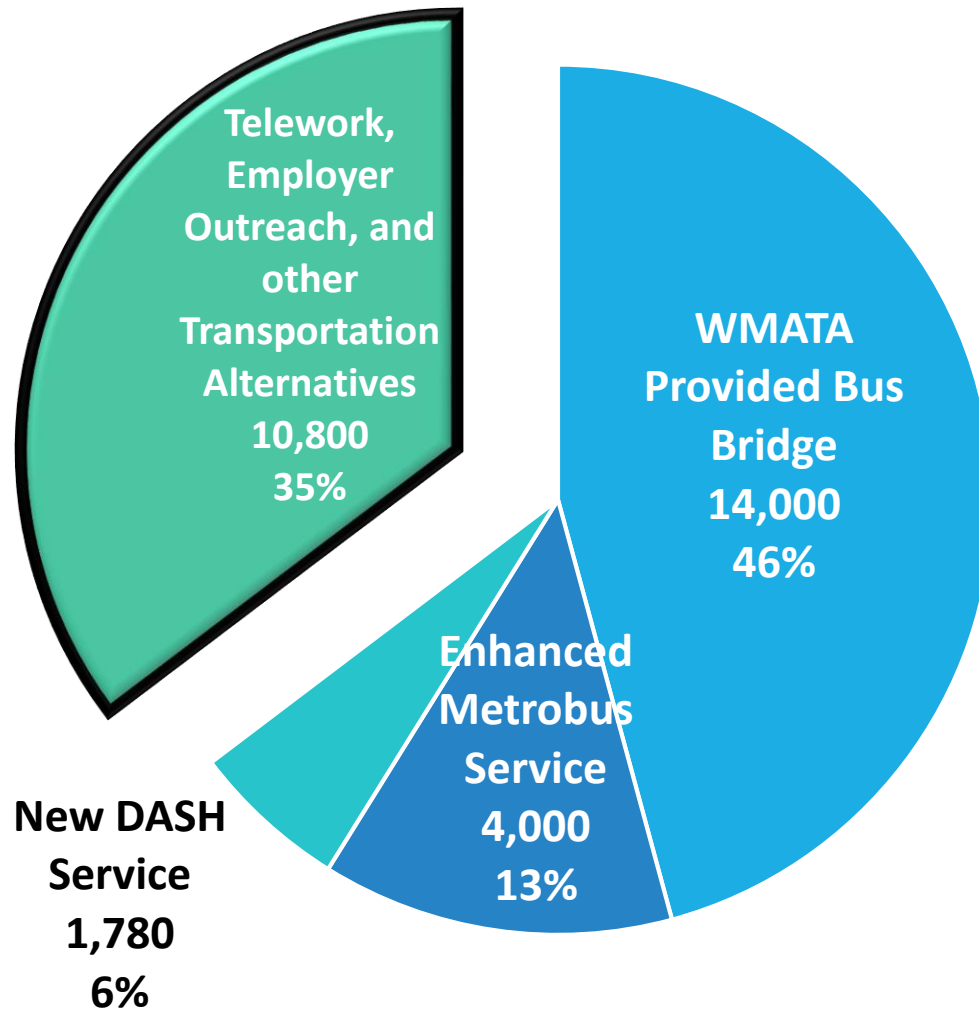
## Continued Coordination with DASH

- Exploring service enhancements, including trolley
- DASH will provide WMATA shuttle & is considering other supplementary service

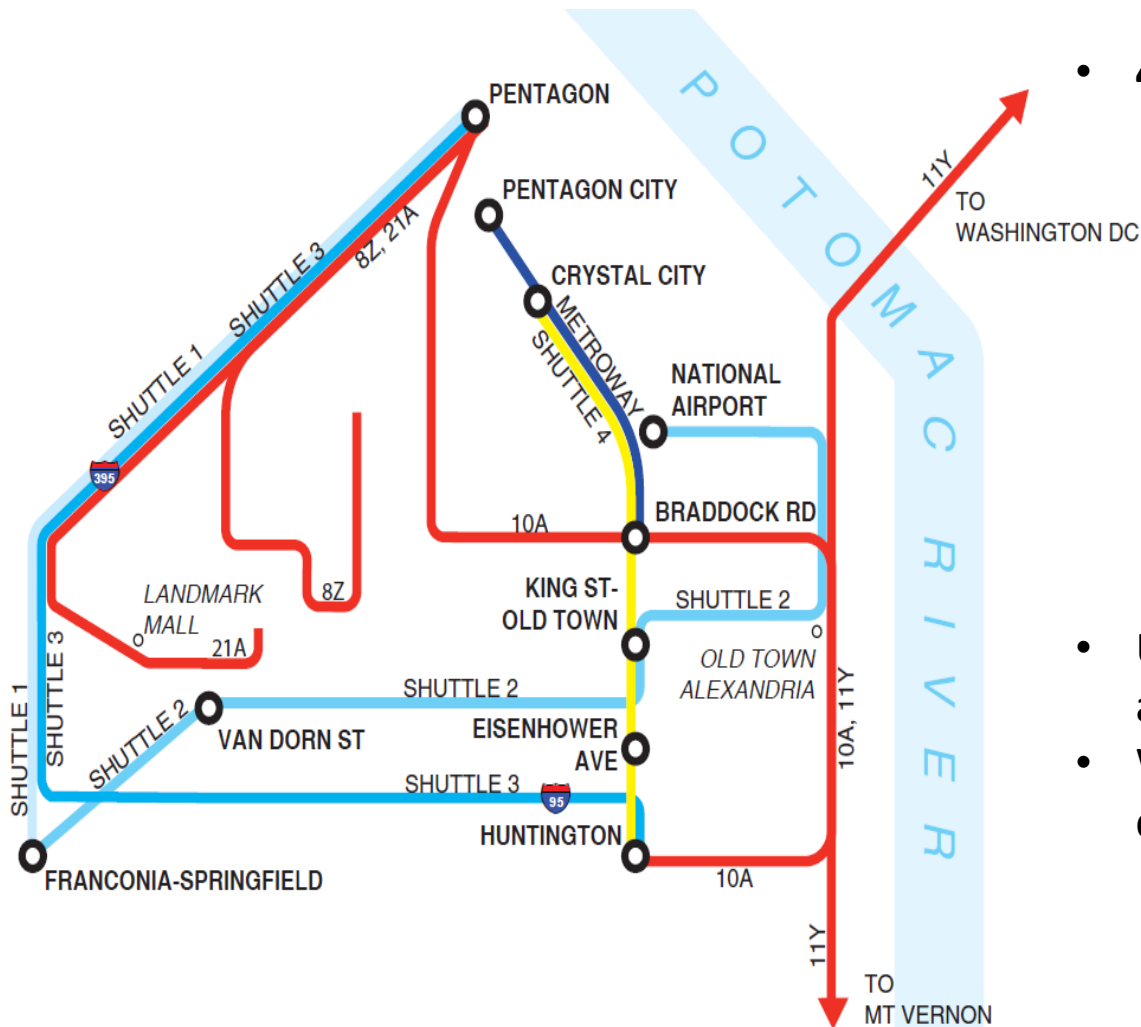
\*WMATA's bus seat capacity is at 90 percent of demand. Line capacity will be higher based on number of buses on line, and WMATA's commitment to supply more seat capacity than is demanded



# How will we replace 30,000 Metrorail trips?



# Pillar 1: WMATA Shuttle Plan



- **4 free shuttle routes**
  - National Airport and Franconia-Springfield via Old Town Alexandria
  - Crystal City and Huntington via Metroway
  - Two other shuttles do not enter City surface streets
- Up to **five minute headways** at peak periods
- WMATA to have surge capacity **at all times**



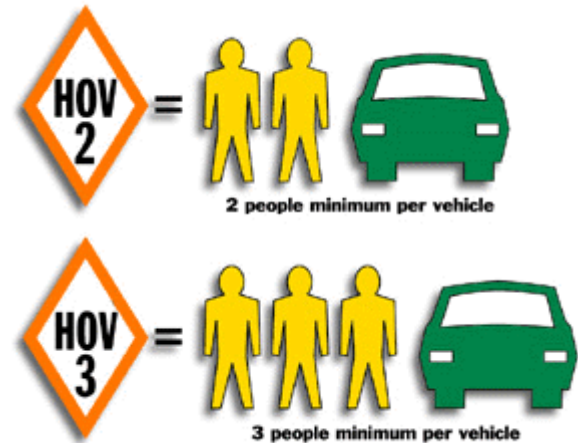
# Pillar 2: City/DASH

- ☐ HOV Lane Changes
- ☐ Park and Ride Lots
- ☐ Encourage Vanpool Formation

## GOALS

Improve travel times for buses, commuters using HOV lanes

Promote ridesharing as viable form of commuting that will have lasting impact beyond the 2019 Shutdown



Source: VDOT





# Pillar 2: City (Water Taxi)?

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- ☐ Additional Commuting Service?
- ☐ Market to visitors
- ☐ Costly (Based on current pricing)



## GOALS

Use pilot to evaluate the possibility of better utilizing the river as a viable transportation option

Reduce driving trips by promoting alternative travel option



# Pillar 3: Mobility Alternatives

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- ❑ Shared Mobility Pilot
- ❑ Capital Bikeshare Promotion
- ❑ Pedestrian Access Improvements
- ❑ Bicycle Education



## GOALS

Encourage people to utilize & adopt travel alternatives

Improve accessibility to make walking and riding transit a more viable option



# Pillar 4: Communications & Outreach

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- ☐ Co-Working Memberships
- ☐ Street Teams
- ☐ Marketing
- ☐ Stakeholder Meetings



## GOALS

Assist community and employers in developing plans and providing alternative options for commuting

Change travel behaviors long term



# How do we pay?

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- ❑ WMATA covers all costs of shuttles & enhanced frequency (Pillar 1)
- ❑ City plan includes options for additional mitigation (Pillars 2 to 4) which includes City in-kind costs of approx. \$65k:
  - **Level A:** \$500K to \$750K
  - **Level B:** \$400K to \$475K

\*\* Does not reflect Commonwealth support of up to 50% - similar to SafeTrack

Eligible Expenses = Transit beyond normal service



# Fiscal Impacts

## Options for Metrorail Shutdown Budget

Scenario	Description	Additional Cost	City In-Kind Cost	Potential DRPT Reimbursement	TOTAL COST TO City
LEVEL A	High-level of mitigation	~\$650,000	~\$65,000	\$150,000 - \$200,000	\$500,000 - \$750,000
LEVEL B	Mid-level of mitigation	~400,000	~\$65,000	\$50,000 - \$75,000	\$400,00 - \$475,000
WMATA Contribution	Shuttles & increased bus service	~10M	N/A	N/A	N/A

\*All costs for bus bridge is at no cost to City



# Construction Impacts

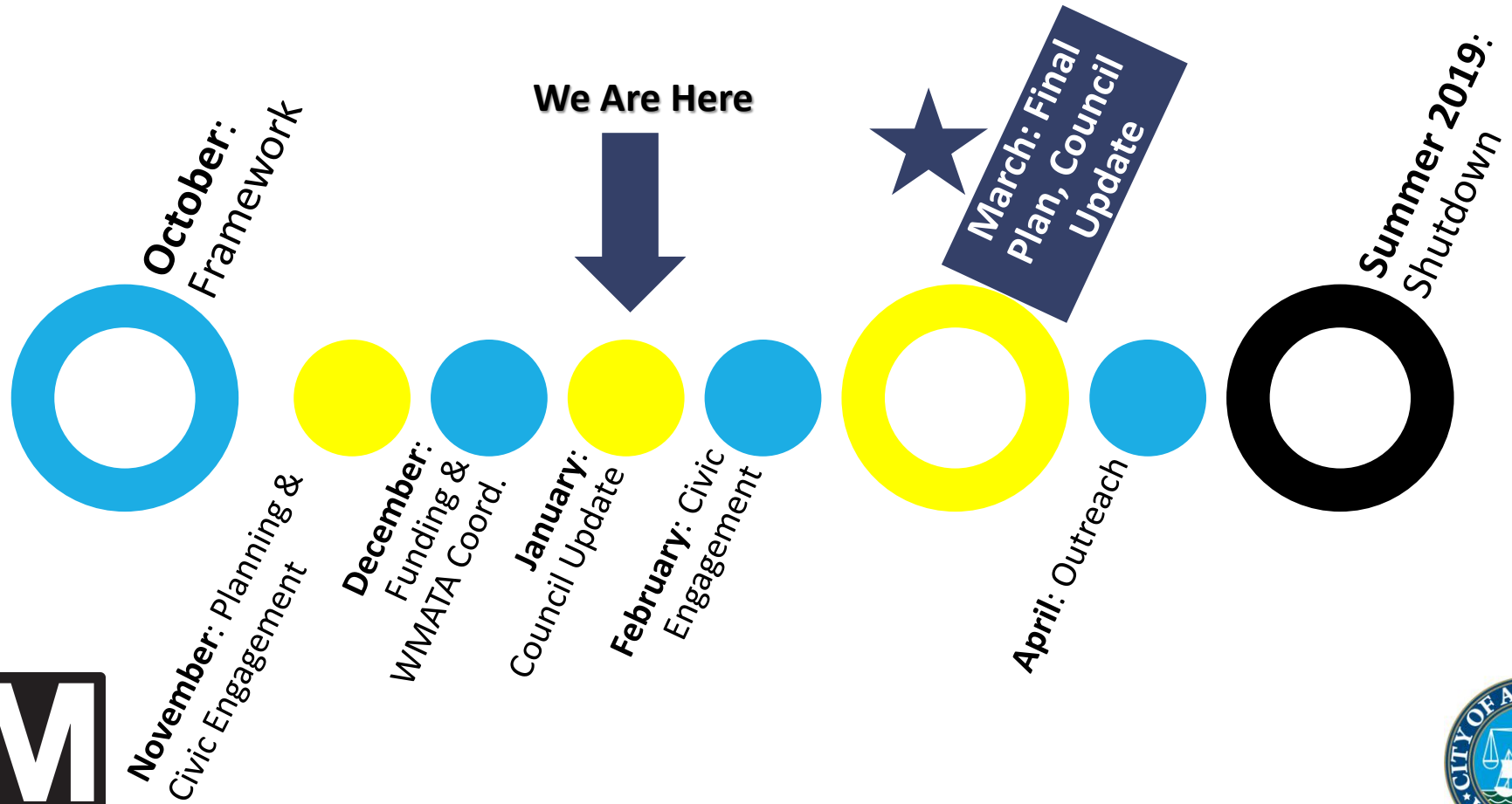
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- ❑ Coordination meetings have begun (City, WMATA, contractors)
  - Day and night construction at platform and multiple lengths of track within City
  - ~50 workers each shift, 2x per day
  - City working with WMATA on noise
  - Managing travel lane closures & street impacts





# Timeline



# Thank you

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# Questions?

