

WMATA Station Platform Work Summer 2019

TPB Technical Committee
2/1/19



State of Platforms



Braddock Road Station



King St Station



Van Dorn Station

State of Platforms

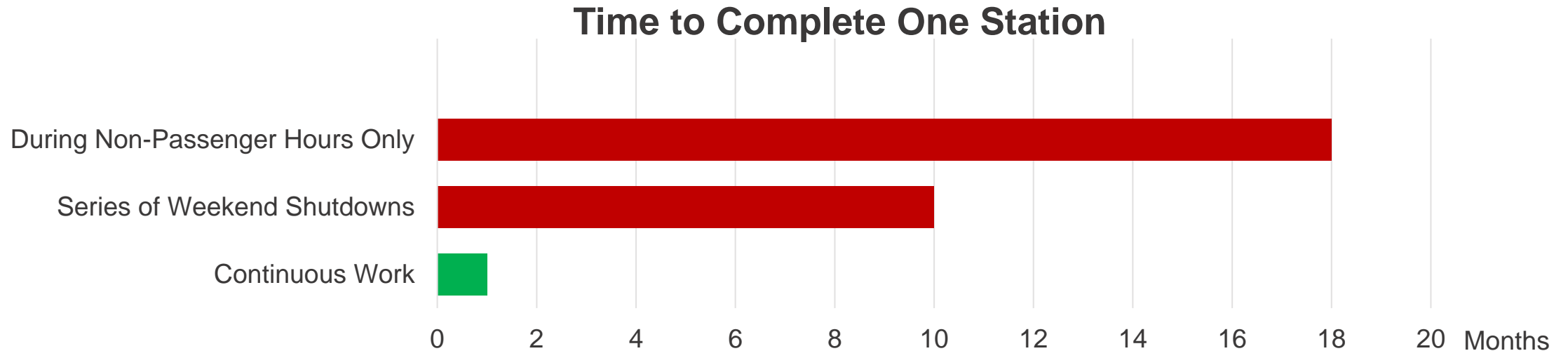
- 45 outdoor stations – concrete platforms have been exposed to weather and de-icing agents for decades
- Platforms built 35-40 years ago are now deteriorating
 - 10 stations already have rebuilt platforms
 - 15 stations have platforms in good condition
 - 20 stations have platforms requiring immediate attention; temporary measures installed where needed to stabilize and ensure safety until reconstruction occurs
- Concrete repair is a necessary safety project

Platform Rebuilding – Challenges

- Extensive set-up and take down of work zones and temporary measures limits productivity and extends project duration
- Customer access restrictions if stations remain open
- Bad weather (rain, excessive cold) delays concrete work



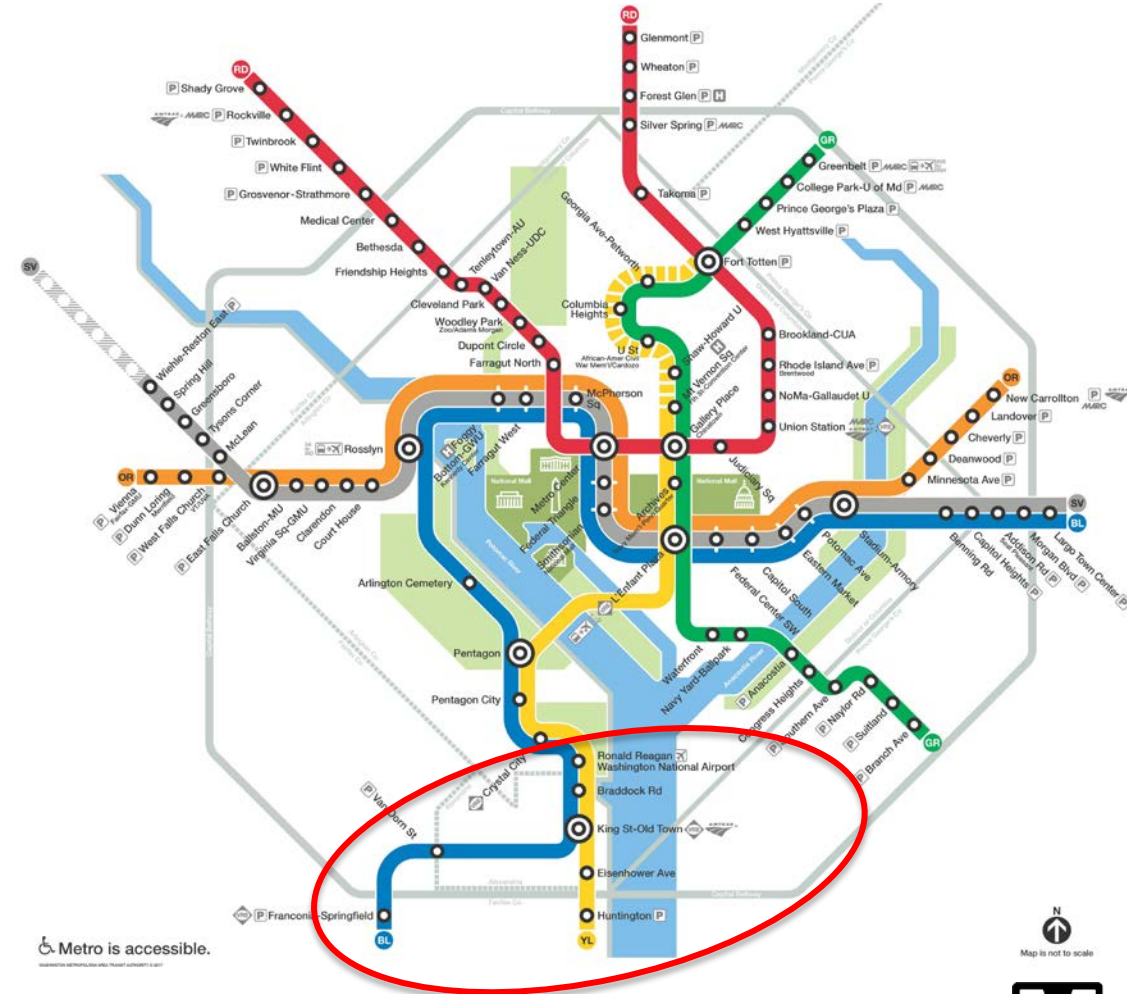
Efficiency Comparison



- Providing 24/7 track access substantially reduces **project duration**, is **safer**, and **costs less**

Capital Investment: Platform Rehabilitation Project

- **May 25 – September 2, 2019:**
 - Shutdown BL/YL south of National Airport
 - Stations Closed: Braddock Rd, King St, Eisenhower Ave, Huntington, Van Dorn St, Franconia-Springfield
 - During a typical weekday rush hour, approx. 17,000 customers board at these six stations (8% of ridership)
- **September 3 – 29, 2019:**
 - Single tracking on BL, between Van Dorn St – Franconia-Springfield
 - BL trains every 24 minutes

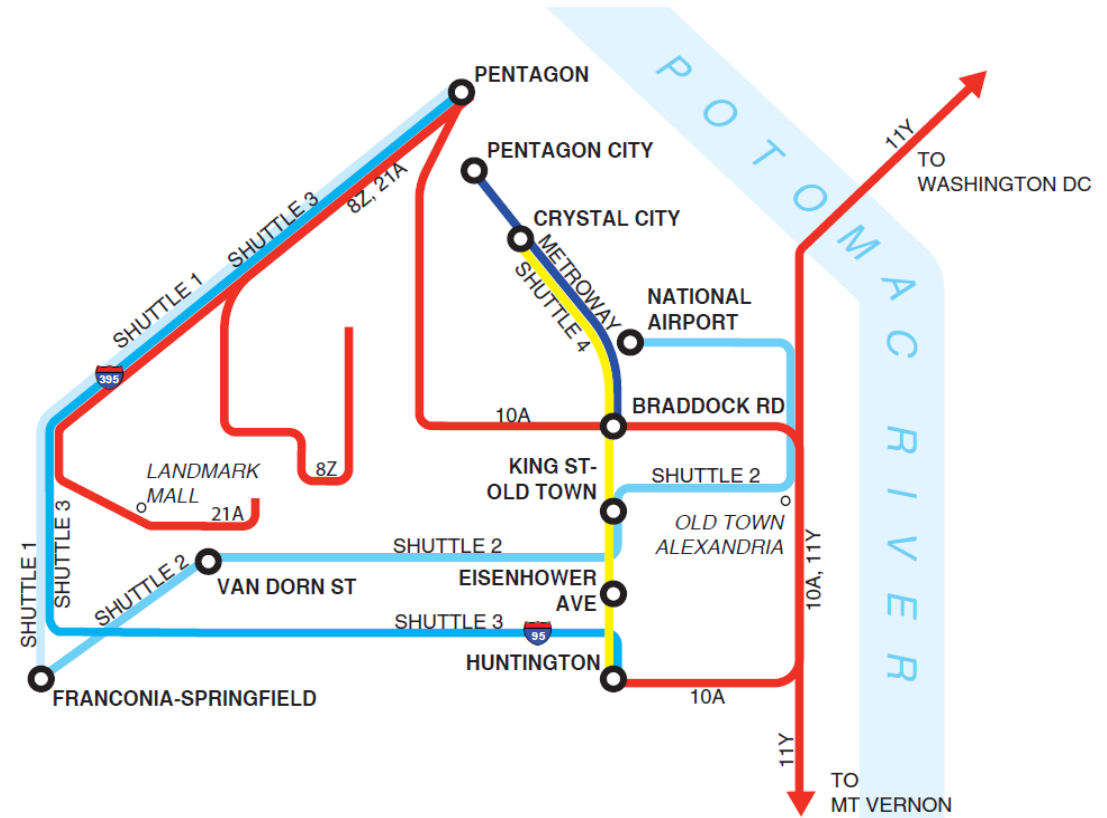


Regional Network Coordination

- Planning Underway for Summer 2019
 - Metro announced work in May 2018, over one year in advance of summer 2019 shutdown
 - Northern Virginia Stakeholder Group led by Metro and supported by the Northern Virginia Transportation Commission (NVTC)
 - More than 140 members: local government, state government, Congressional offices, federal government, transit providers, police and emergency management, MWAA
 - Using SafeTrack coordination effort as model

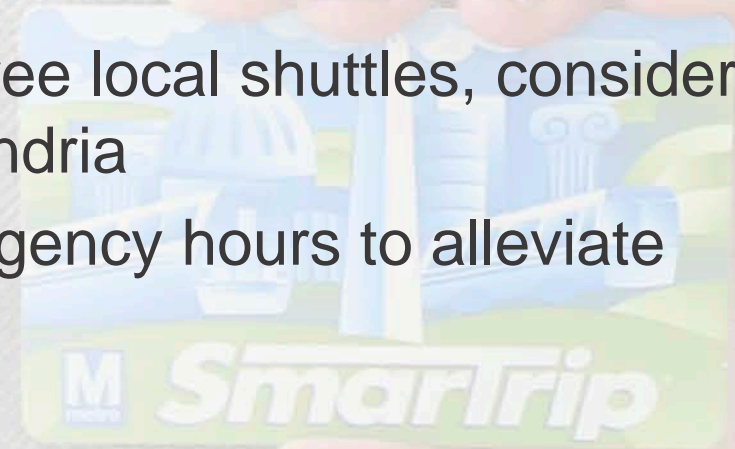
Service Alternatives – Initial Metrobus Planning

- Free express bus shuttles to Pentagon
 - From Franconia-Springfield and Huntington stations
- Free local bus shuttles connecting closed stations
 - Franconia-Springfield, Van Dorn St, King St-Old Town and National Airport
 - Huntington, Eisenhower Ave, King St-Old Town, Braddock Rd and Crystal City
- Additional capacity on existing routes
 - 8Z, 10A, 11Y, 21A, Metroway
- Preliminary Metrobus plan anticipates approx. 60% of regular rail riders in corridor will use bus alternatives



Local Operator Service Enhancements

- Local operator service enhancements under consideration:
 - Fairfax Connector: supplement existing routes, shuttle connecting Huntington North and South
 - Alexandria DASH: operation of one of the free local shuttles, considering expanded trolley service in Old Town Alexandria
 - OmniRide: shuttles to VRE stations, contingency hours to alleviate overcrowding
 - Arlington ART: added capacity



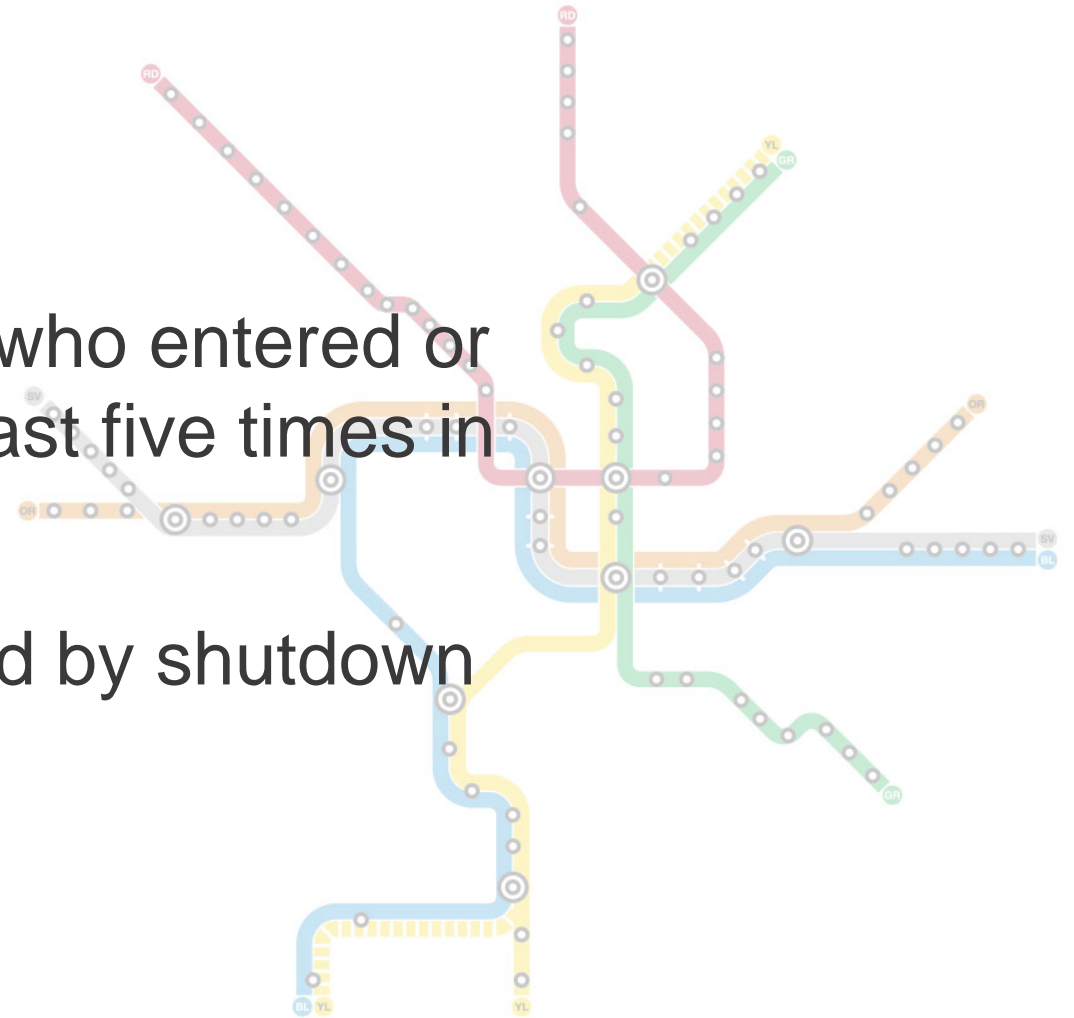
Alternative Travel Options and Demand Management

- WMATA is working with state and regional representatives on:
 - Promotion of park and ride locations
 - Promotion of existing transit service
 - Telework policies
 - Signal prioritization and dedicated lanes
 - Outreach to slugging community and vanpools/carpools
 - Coordination with transportation demand management (TDM) professionals



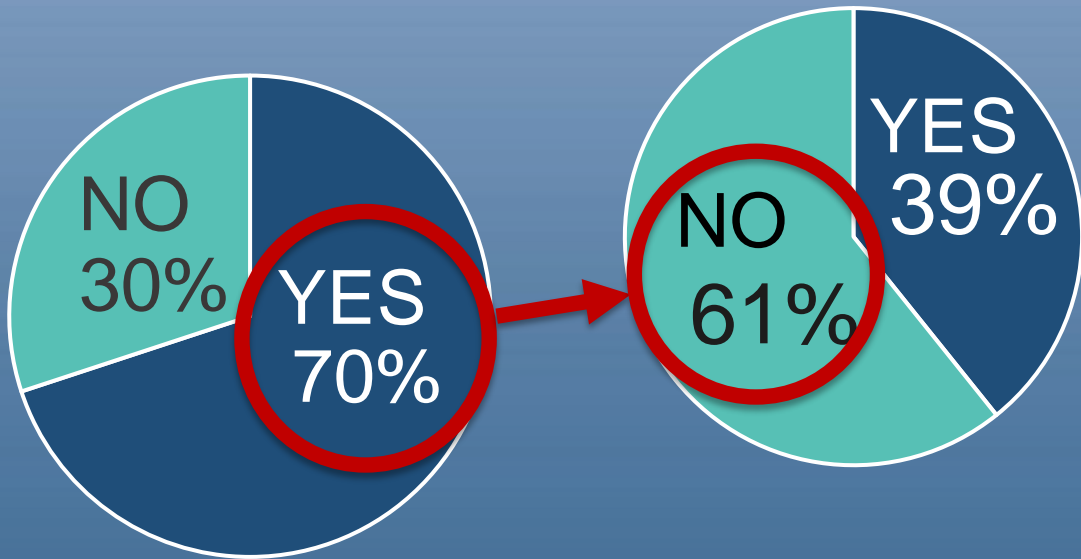
NoVa Customer Research

- Conducted October 2018
- Surveyed existing Metrorail customers who entered or exited one of the affected stations at least five times in September 2018
- More than 10% of 17,000 riders affected by shutdown took survey

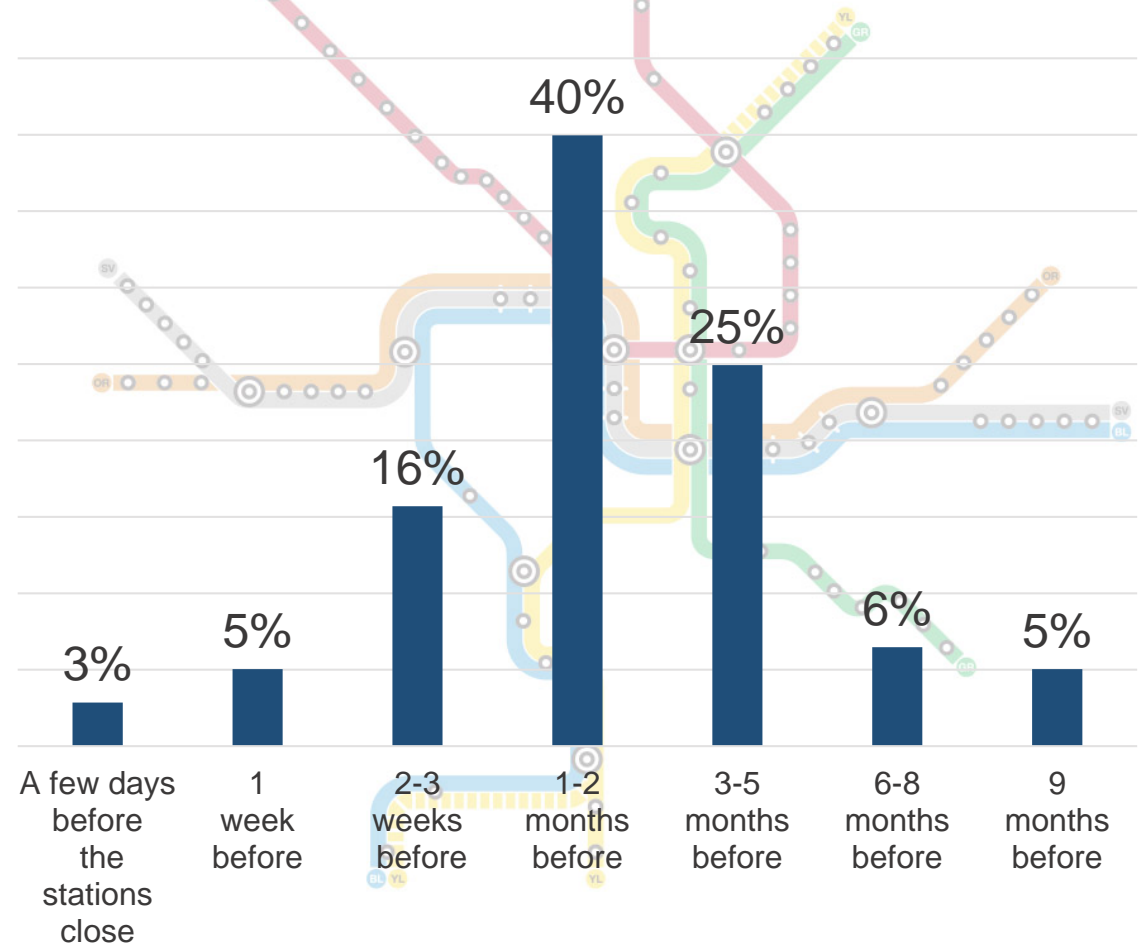


Were you aware of the 2019 shutdowns before taking survey?

Have you already researched travel alternatives?

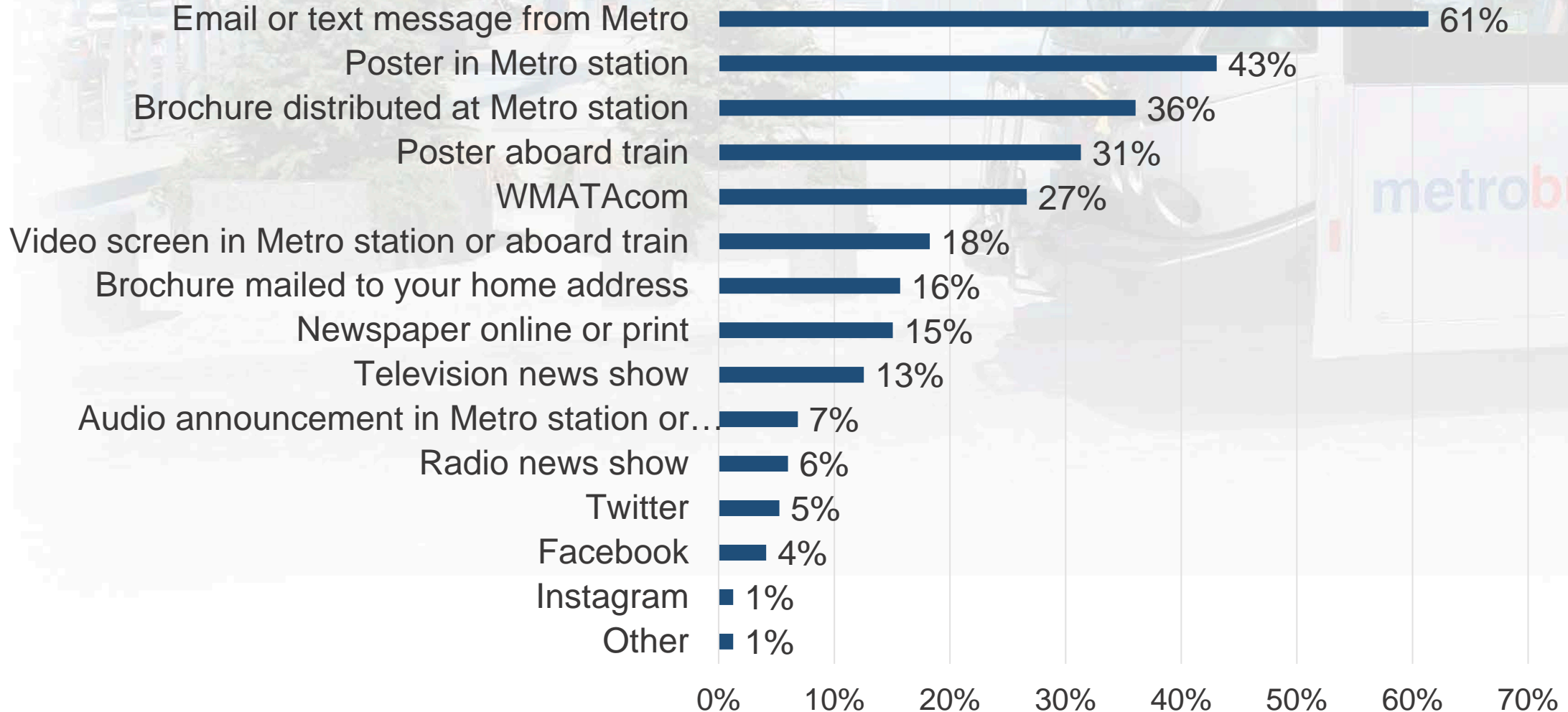


When are you likely to research travel alternatives for next summer?



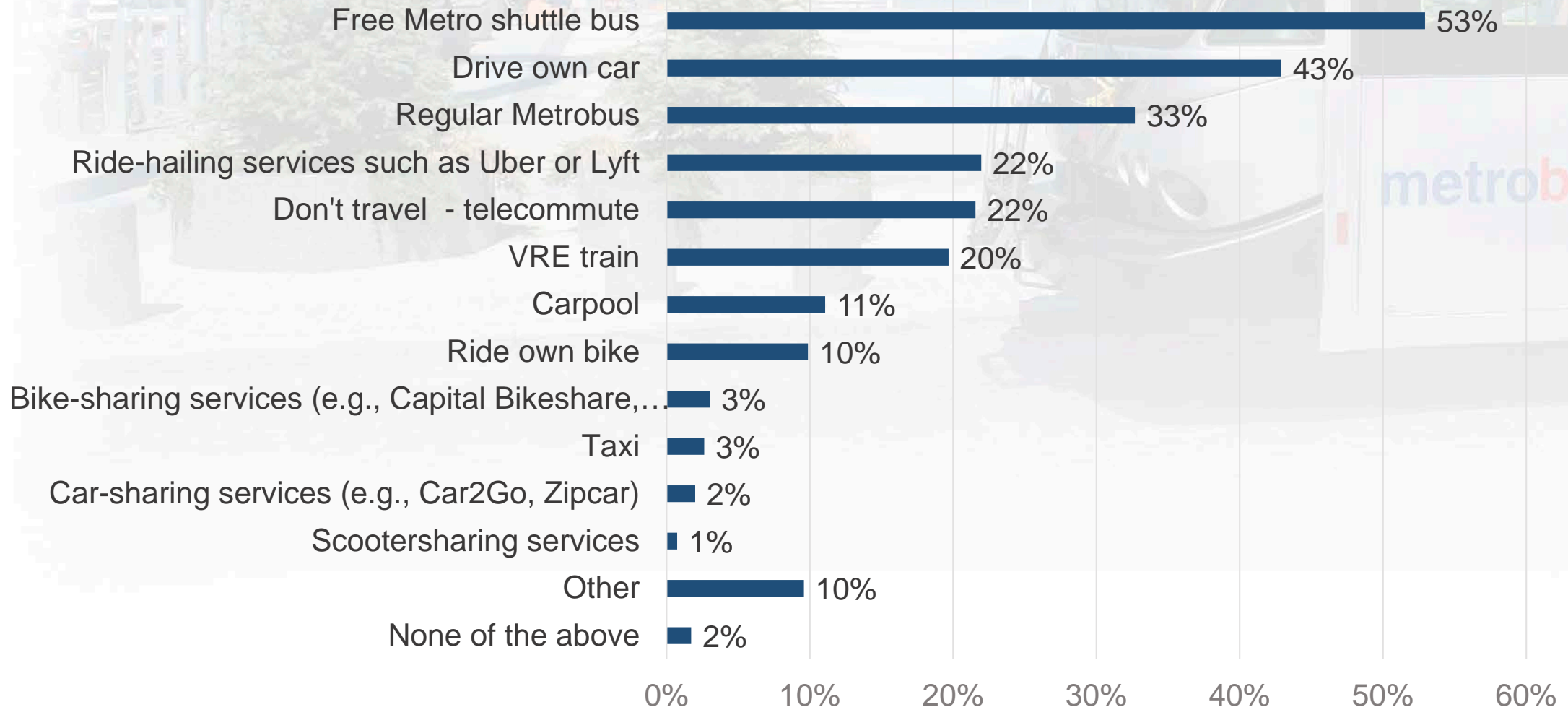
Customer Research – Impacted NoVa Riders

What is the best way to communicate information to you about alternative travel options?
Select top 3 sources.



Customer Research – Impacted NoVa Riders

Which alternative travel modes do you expect to use more often when the stations south of National Airport are closed? Please select all that apply or "none of the above."



Next Steps

- Finalize travel alternatives from Metro and regional providers and launch website by late February
- WMATA Board considering potential discounts or incentives to retain riders during shutdown
- Continue stakeholder outreach leading up to summer 2019

