



# Georgia Ave NW Bus Priority Project

## *Draft Concept Review*

August 2022

Project Manager: Zack Gambetti-Mendez

Deputy Project Manager: John Finnerty

# Agenda

- Bus Priority Program
  - Quick refresher
- Georgia Ave NW
  - Needs assessment refresher
- Draft Concept



# Bus Priority Program

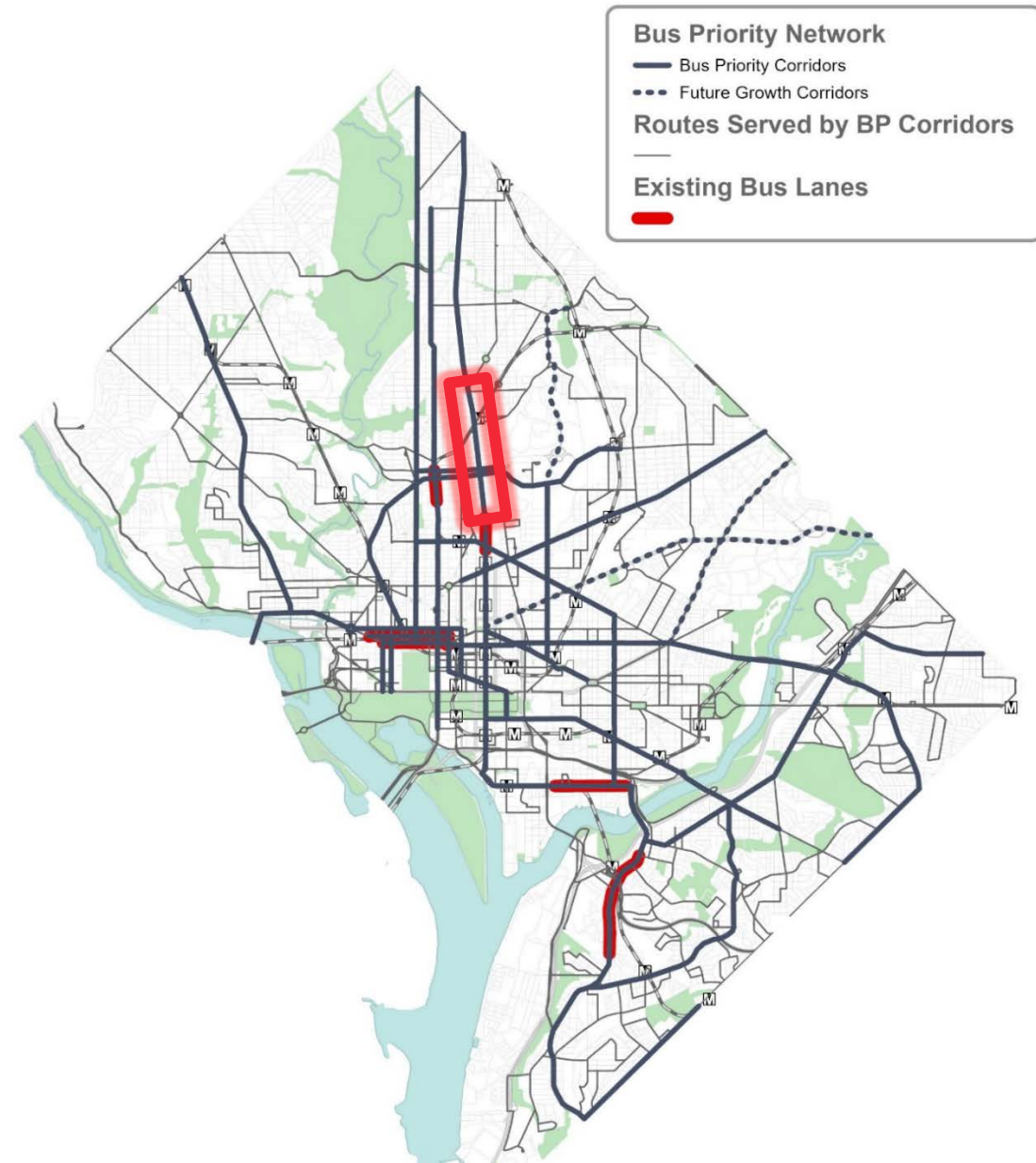
# Bus Priority Plan

- Bus Priority Plan
  - Improve bus speeds and reliability for riders across all eight wards of the District
  - Faster and more reliable transit provides better access to more jobs and opportunity
  - Improve the entire rider experience



# Bus Priority Network

- Reflected in the moveDC transit modal priority network
- Made up of corridors spanning 70 miles across all eight wards of the District
  - Identifies where future improvements are needed to make transit faster and more reliable along the District's busiest bus routes
  - Serves over **120 Metrobus and 5 Circulator routes** for at least a portion of their route (fall 2019 routing)
- 63% of District residents and 79% of jobs are within 1/4 mile of a bus priority corridor
  - Only 30% of District residents live in a neighborhood easily accessible by Metrorail

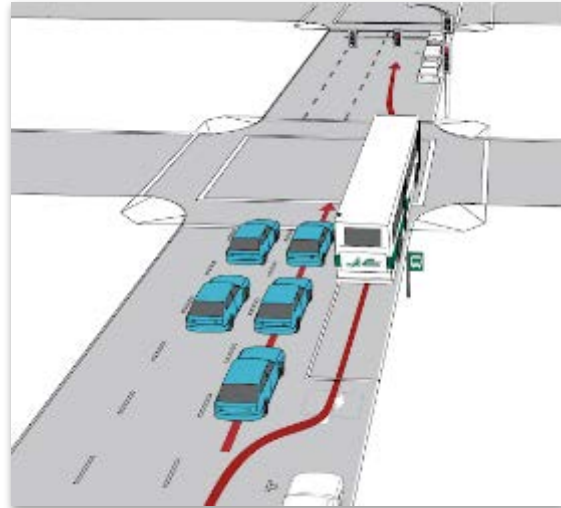


# Bus Priority Toolbox

- Bus Priority is not a “one size fits all” approach
- DDOT’s Bus Priority Program Toolbox includes over 20 treatments to improve bus operations depending on the delays seen on a corridor or segment of a corridor.
- Four examples (of the over 20 total treatments) are:



Bus lanes to reduce congestion delay



Queue jumps to allow buses to get to the front of the line



Bulb-outs to allow buses to board from the travel lane and provide more space for passengers to wait



Transit signal priority to give buses more green time



# Georgia Ave NW

# Project Location

- Georgia Avenue (Barry Place NW to Kansas Avenue NW) – 1.5 miles
- Goals:
  - Increase bus speed and reliability
  - Improve safety (Vision Zero high-injury corridor)



Existing Bus-Only Lanes  
7am-10pm M-Sa

\*Decreased bus travel times by 23% through this section

Kansas to Missouri  
(planning beginning Fall 2022)



# Georgia Ave Buses

**70** #1 in ridership

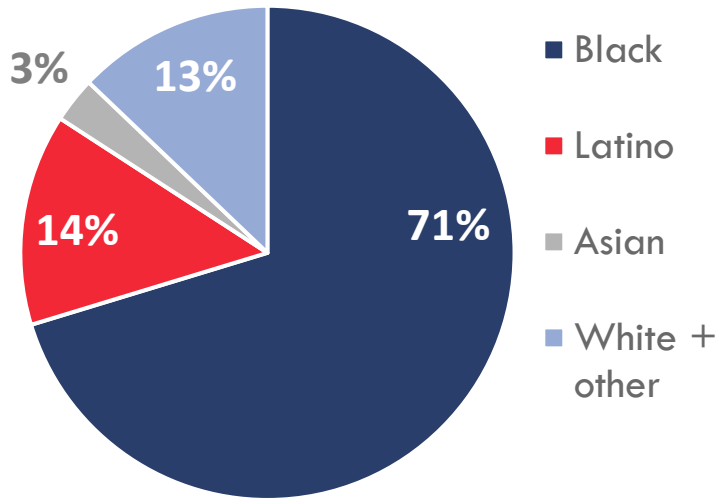
**79** #5 in ridership

**= 17,400** daily riders

Approx. 40% in project area



## Rider Demographics



**87%** People of Color

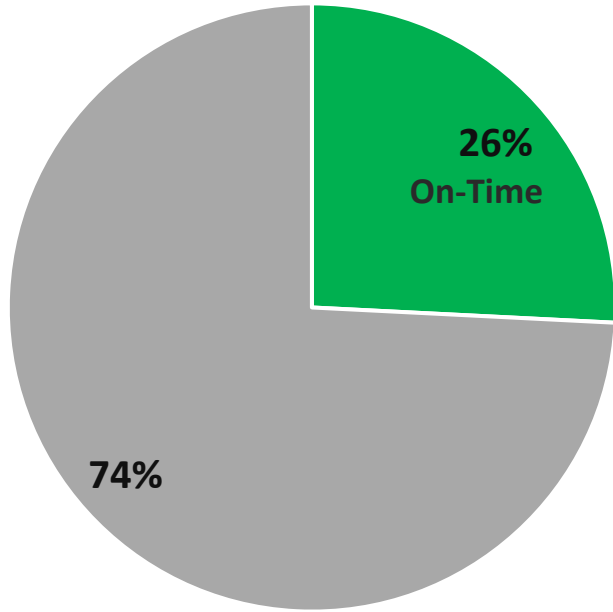
**53%** Low-Income  
<\$30k household

(Source: WMATA Public Participation Plan 2020-23; Fall 2019 boardings)

# Georgia Avenue NW Reliability

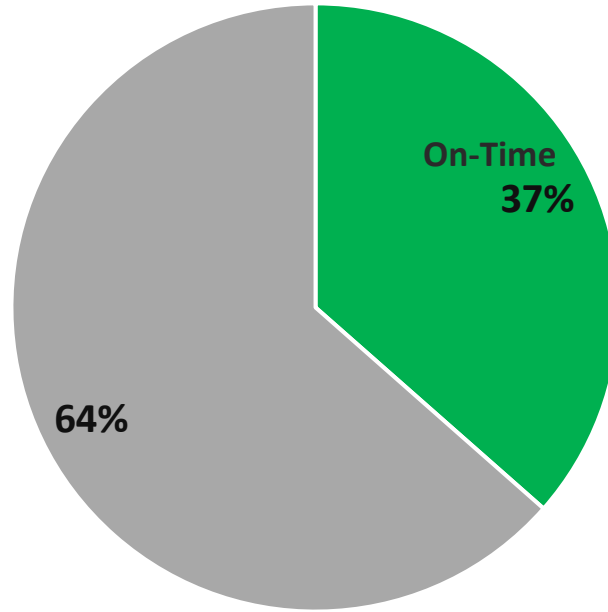
Roadway conditions create

Route 70



Scheduled: 10-12 minutes

Route 79



Scheduled: 10 minutes



*On-time = 25% arrival buffer*

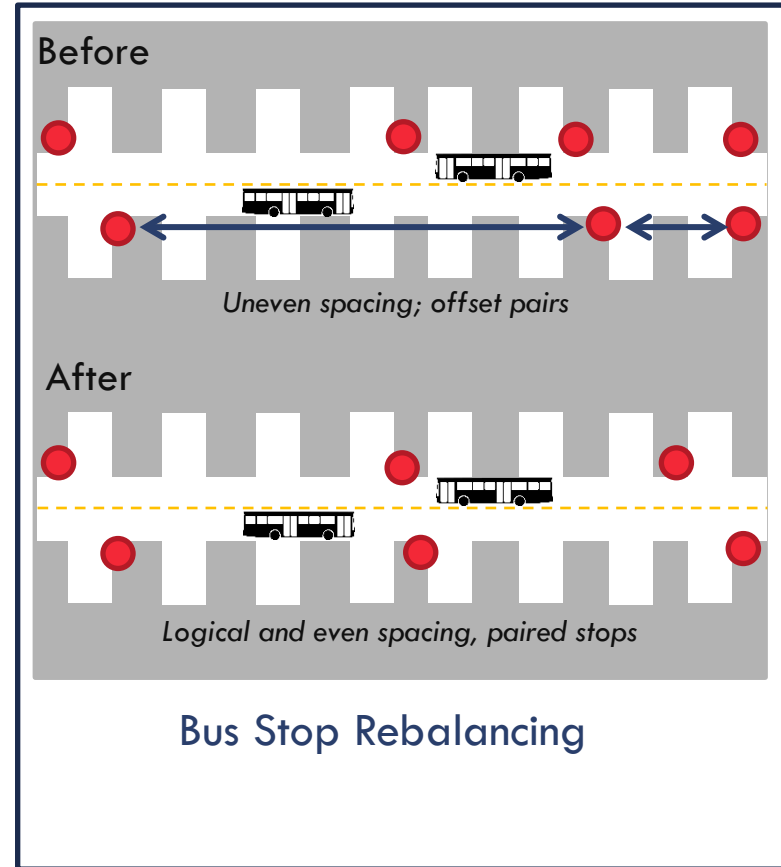
# Bus Priority Tools for Georgia Ave



Bus lanes



Bulb-outs / Curb Extensions



# Concept – July 2022

- Key features

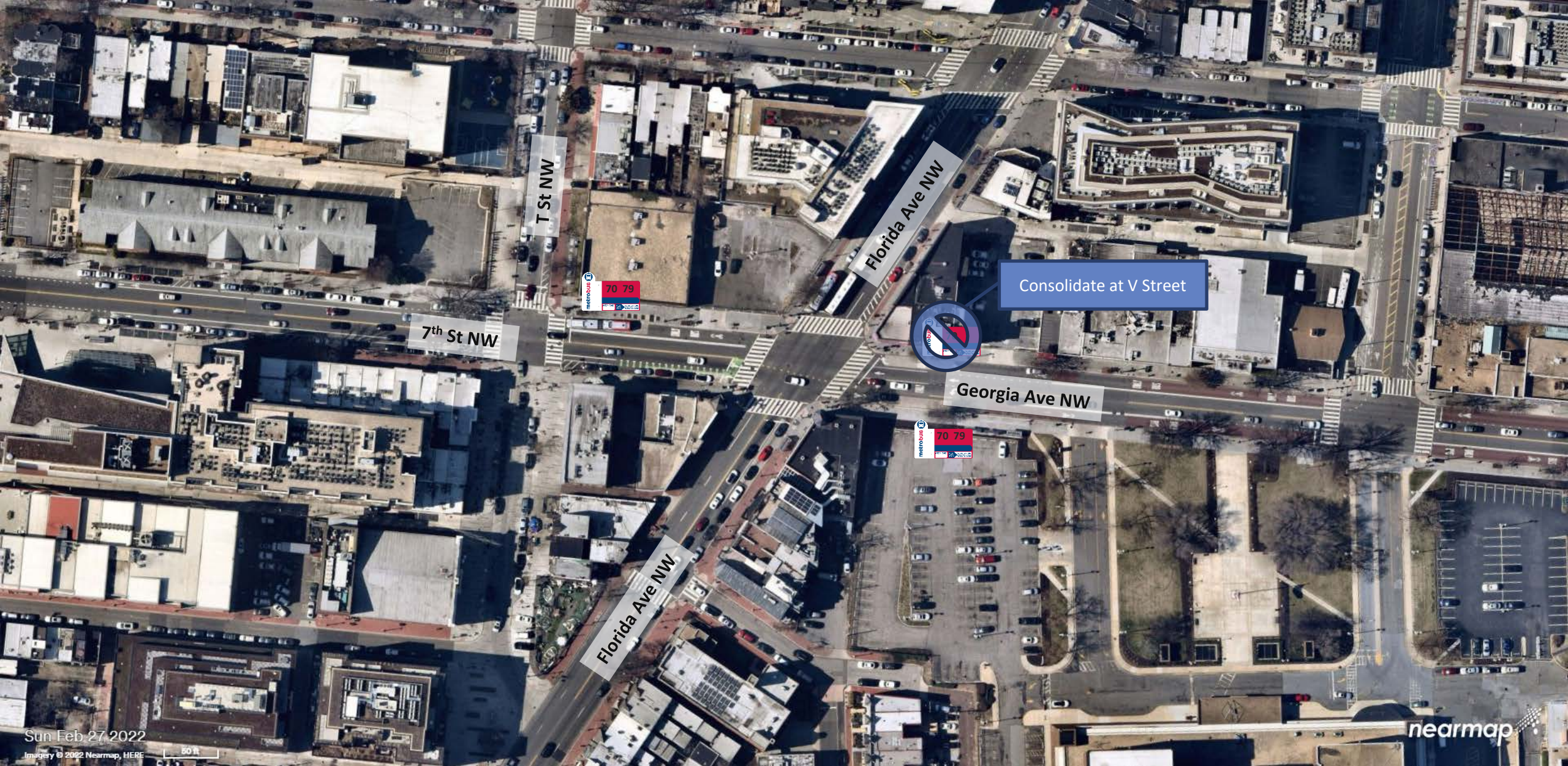
- Red bus-only lane (mostly off-set from curb)
- Bulb-outs proposed at most bus stops
- Vision Zero improvements throughout
- Introduction of turn restrictions at some intersections
- Introduction of turn pockets at specific intersections
- Introduction of PUDO (pick-up/drop-off) zones on many blocks

- Notes

- All items on the following pages (excluding those marked “existing”) are *draft* recommendations, and subject to further refinement.
- Several intersection recommendations need further coordination with our engineering and signals teams

- Concept Legend

Color	Improvement
Yellow	Vision Zero ( <i>Safety</i> )
Red	Transit ( <i>Roadway</i> )
Blue	Bus stops & Bus bulb-outs
Purple	PUDO ( <i>Pick up/drop off zones</i> )
Green	General Right-of-way
No color	Existing



Sun Feb 27 2022

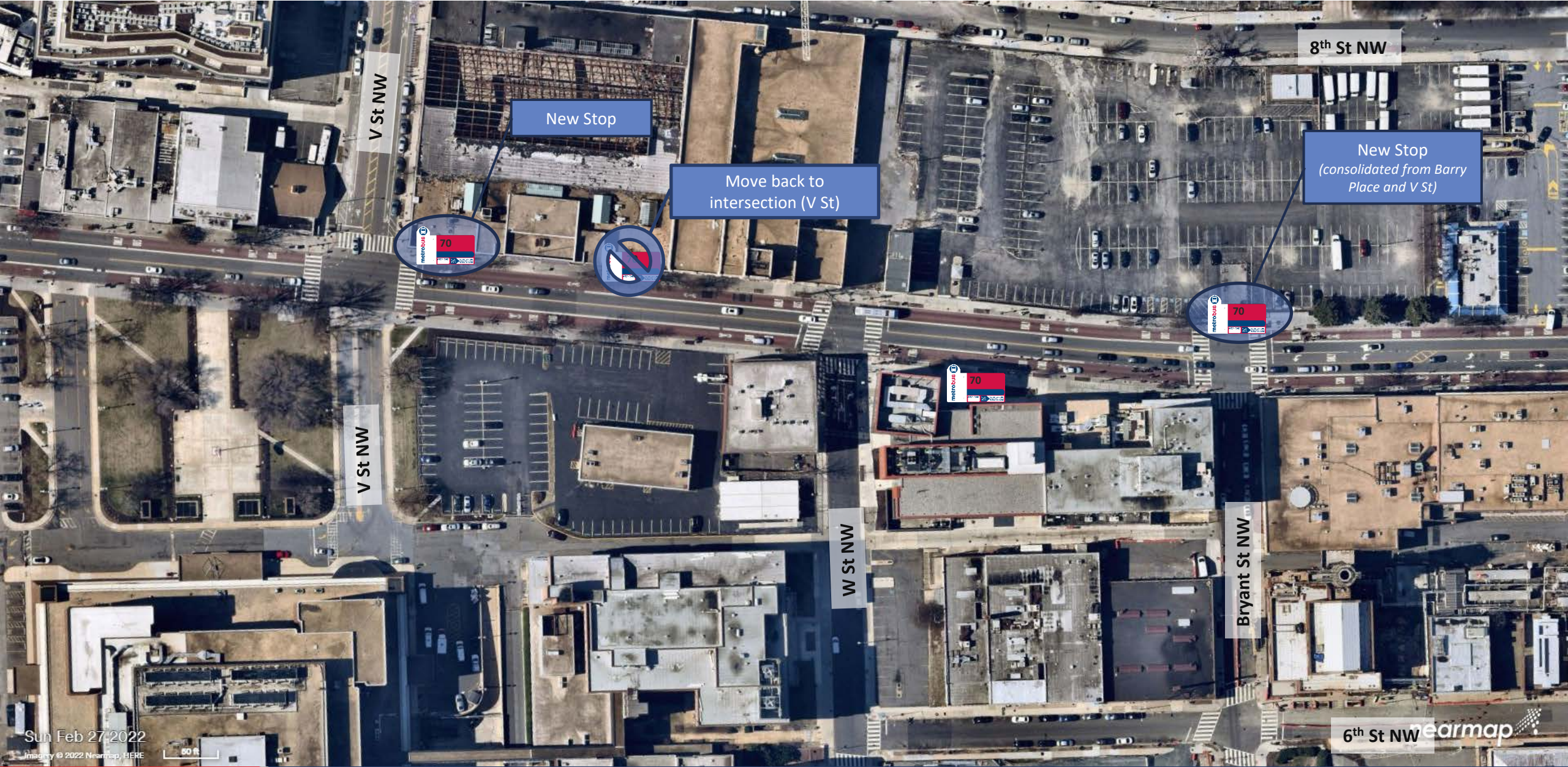
Imagery © 2022 Nearmap, HERE

50 ft

nearmap



GOVERNMENT OF THE DISTRICT OF COLUMBIA  
MURIEL BOWSER, MAYOR



V St NW

New Stop

Move back to intersection (V St)

8th St NW

New Stop  
(consolidated from Barry Place and V St)

V St NW

W St NW

Bryant St NW

6th St NW



Sun Feb 27 2022  
Imagery © 2022 Nearmap, HERE



**Project boundary**

- Overall recommendations:**
- 1) Center line hardening wherever possible
  - 2) Refresh crosswalk markings where worn
  - 3) Add painted crosswalk markings where stylized concrete/bricks/other materials were used in the past (see New Hampshire)

Move to nearside Bryant St (approx. 350-400 ft south of this location)

Removal of 0 parking spaces.  
Existing no parking for:  
Bus Stop  
Rec Center Entrance  
Government Vehicles

Add Bus bulb-out

Add crosswalk

Added left turn lane.

Removal of ~13 parking spaces.

Add Bus bulb-out

Eliminate bus stop  
Alternate bus boarding/alighting locations:  
W St: 500 ft south  
Howard Pl: 530 ft north

Removal of ~10 parking spaces.  
Existing curb lane is 15-16 feet wide and too narrow to function as both a travel lane and parking lane. Roadway capacity currently diminished through this section.

Howard Pl NW  
ONE WAY

6th St NW

Euclid St NW  
ONE WAY

**Barry Place to Euclid Place NW**

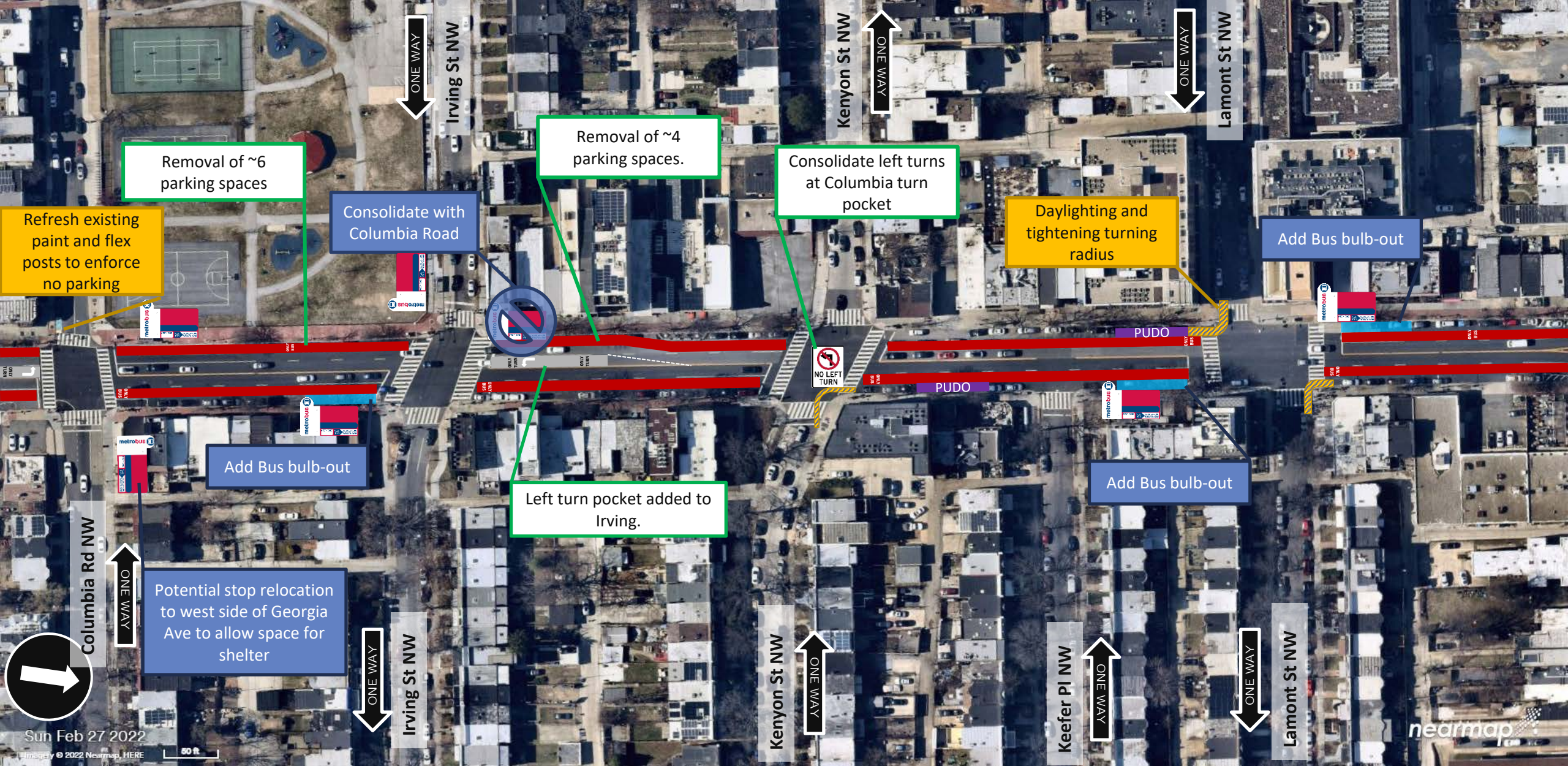
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## Euclid Place to Hobart Place NW

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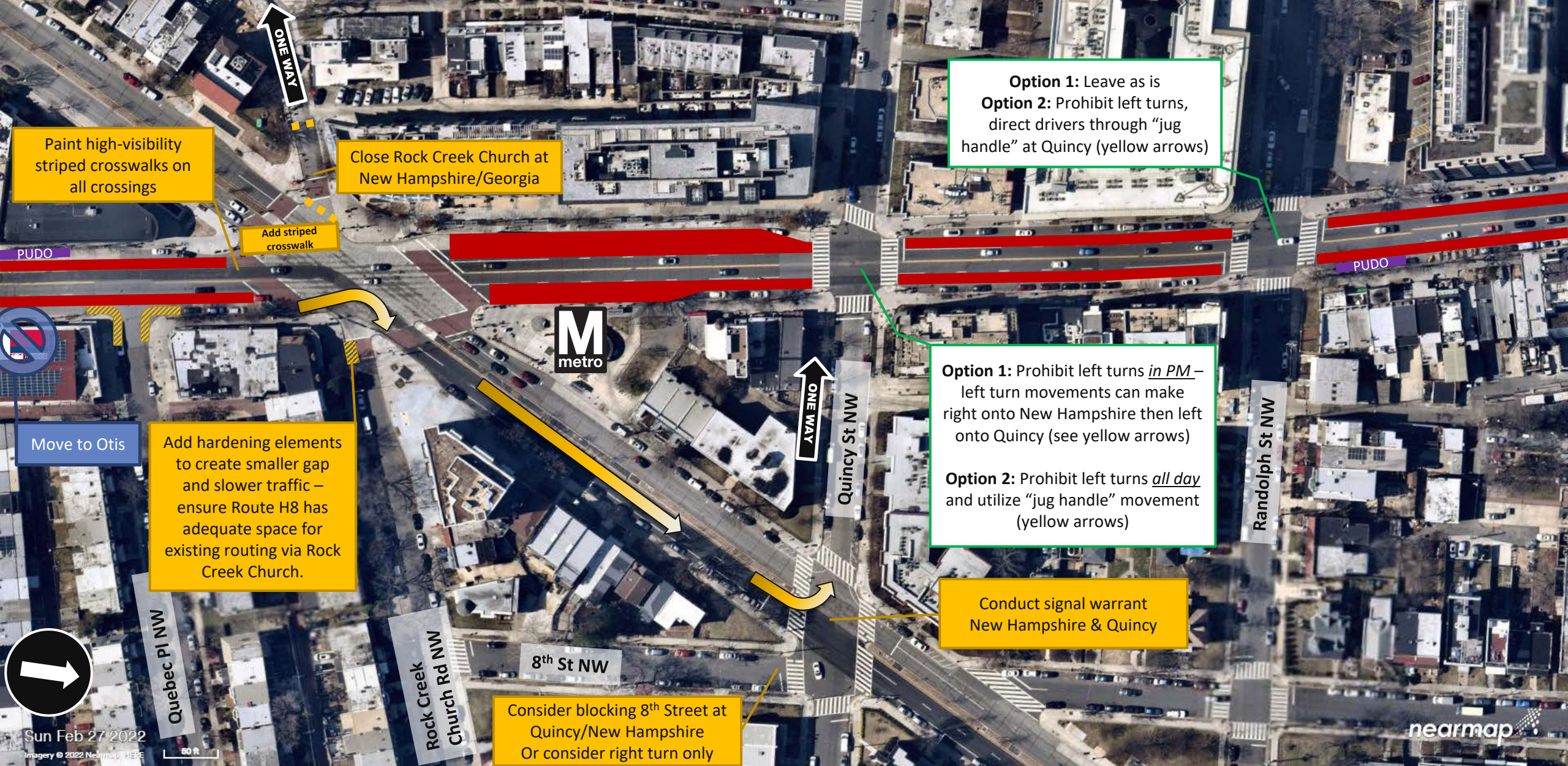
## Columbia Road to Lamont Street NW

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## Morton Street to Princeton Street NW

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Paint high-visibility striped crosswalks on all crossings

Add striped crosswalk

Close Rock Creek Church at New Hampshire/Georgia

**Option 1:** Leave as is  
**Option 2:** Prohibit left turns, direct drivers through “jug handle” at Quincy (yellow arrows)

Move to Otis

Add hardening elements to create smaller gap and slower traffic – ensure Route H8 has adequate space for existing routing via Rock Creek Church.

**Option 1:** Prohibit left turns *in PM* – left turn movements can make right onto New Hampshire then left onto Quincy (see yellow arrows)  
**Option 2:** Prohibit left turns *all day* and utilize “jug handle” movement (yellow arrows)

Conduct signal warrant New Hampshire & Quincy

Consider blocking 8<sup>th</sup> Street at Quincy/New Hampshire Or consider right turn only

## Quebec Street to Randolph Street NW

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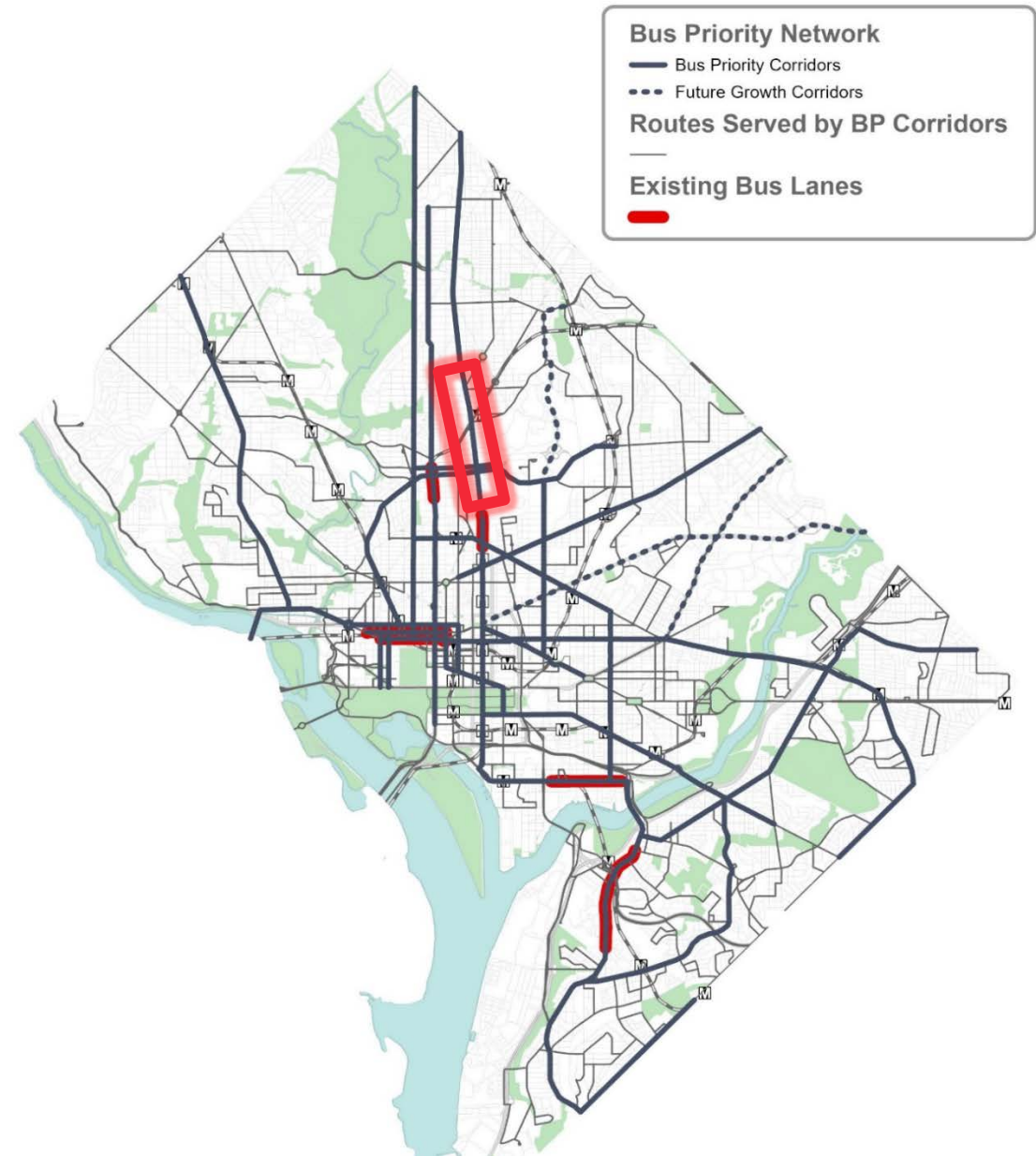


## Shepherd Street to Kansas Ave NW

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# Projected Timeline

- Spring 2022
  - Project Kick-off & Needs Assessment
- Summer 2022 (**WE ARE HERE**)
  - Concept Development
- Early Fall 2022
  - Preferred Alternative
- 2023
  - Design
- 2024
  - Construction/Implementation



# Community Feedback



## Bus Priority Program

Project website:

[buspriority.ddot.dc.gov](https://buspriority.ddot.dc.gov)

Email: [buspriority@dc.gov](mailto:buspriority@dc.gov)

Call: 202-671-2376

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District Department of Transportation



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