

14th St NW Bus Priority Project – 1A Transportation Committee

September 27th, 2022

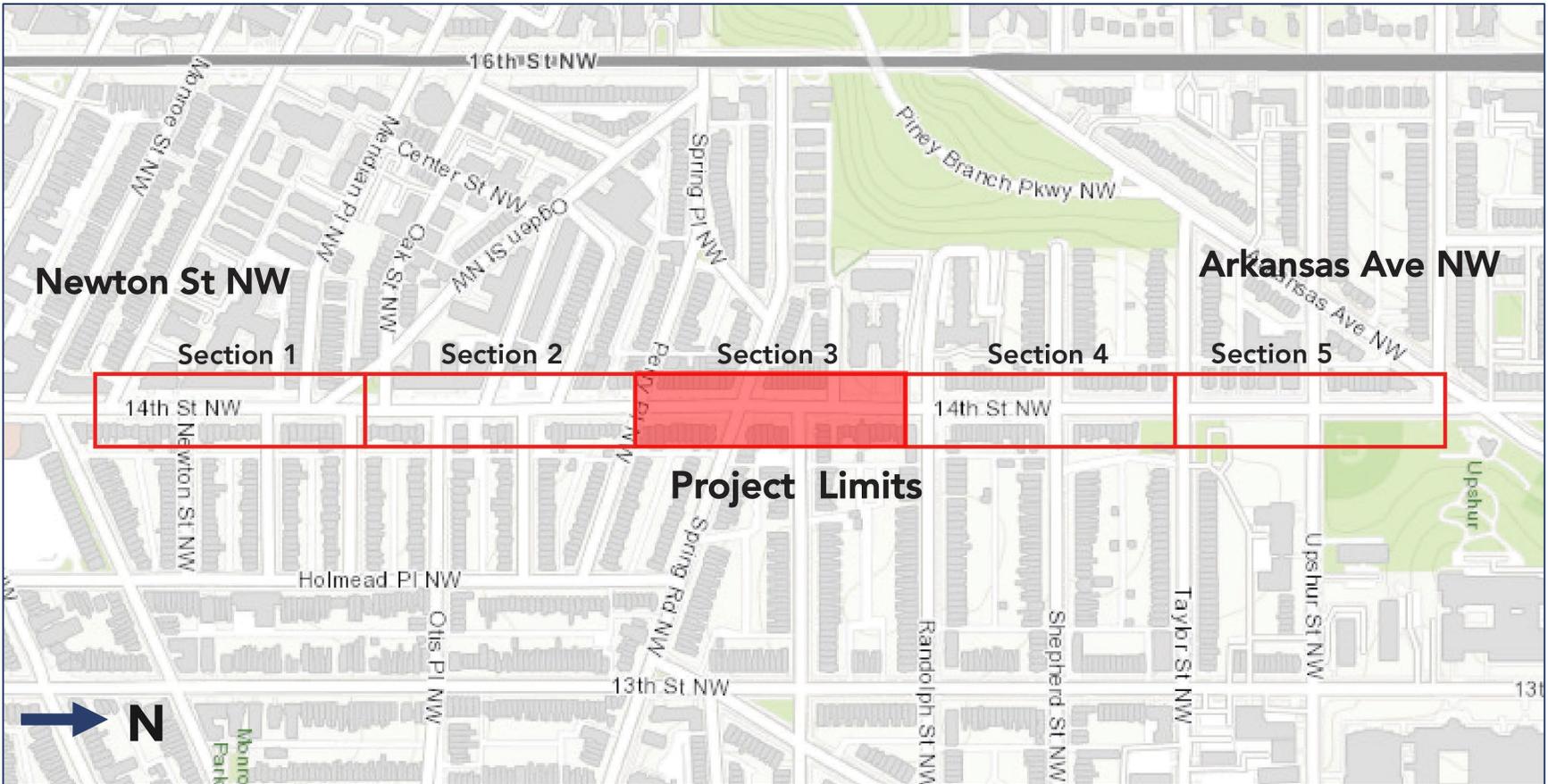


WE ARE WASHINGTON
GOVERNMENT OF THE DISTRICT OF COLUMBIA
DC MURIEL BOWSER, MAYOR

Concept Review

Goals:

- Increase bus speeds, operations and improve reliability
- Improve pedestrian safety and reduce pedestrian crashes at unsignalized intersections





1. Shared Bus/Bike Island

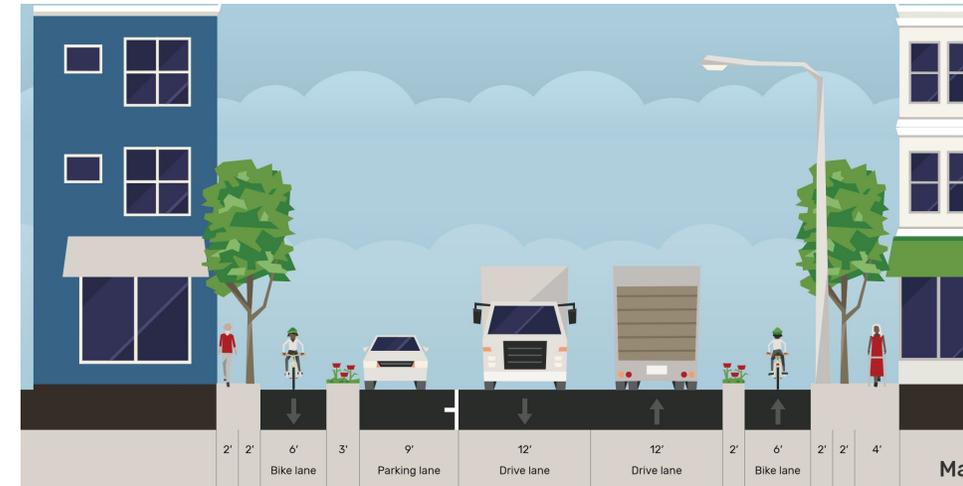


2. Red Painted Bus Stops

3 core concepts

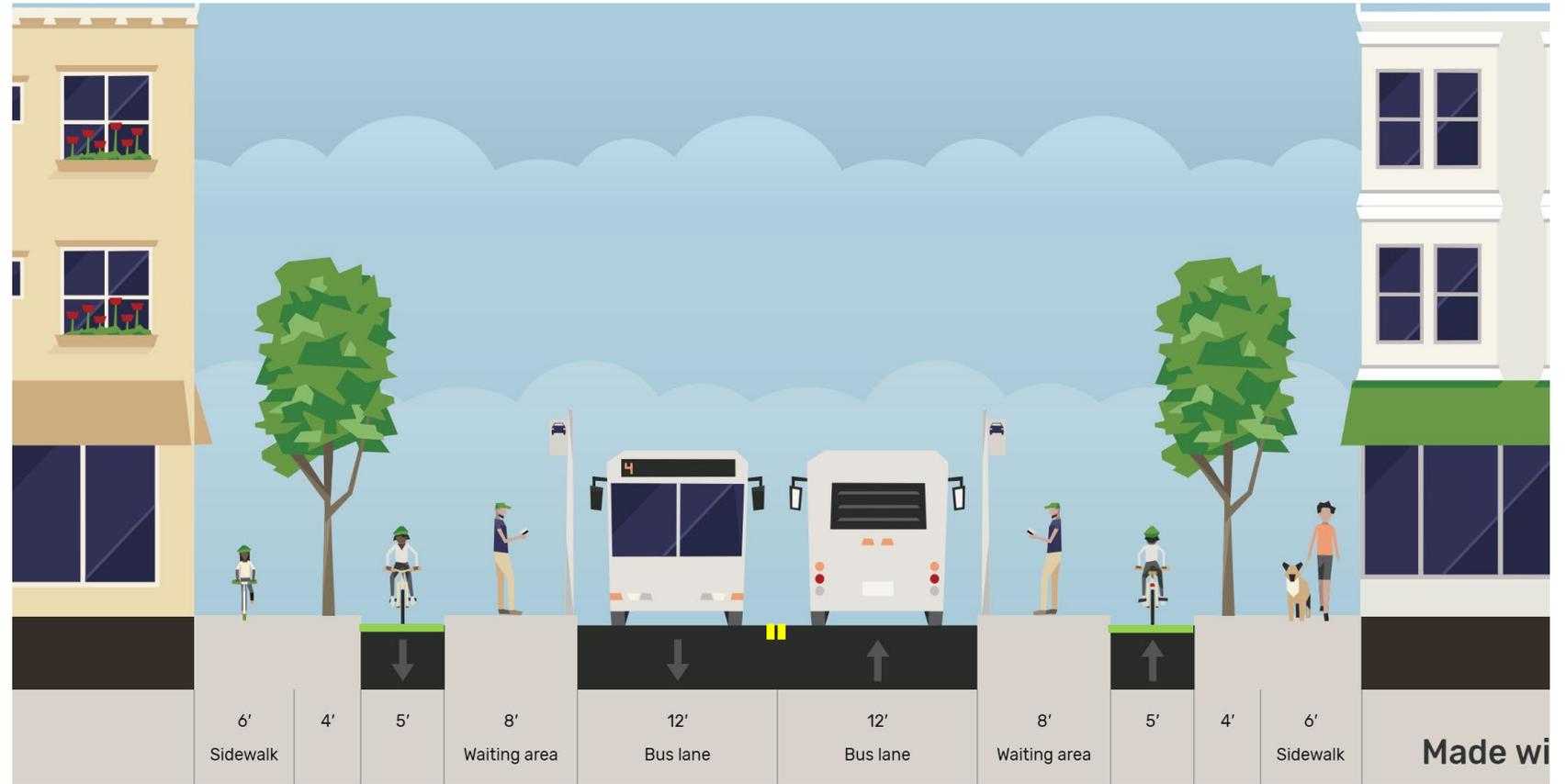
- 1 - Shared Bus/Bike Island Stops
- 2 - Red painted bus stops
- 3 - Parking Protected Bike Lane – Shared Bus/Bike Islands

3. Parking Protected/ Buffered Bike Lanes



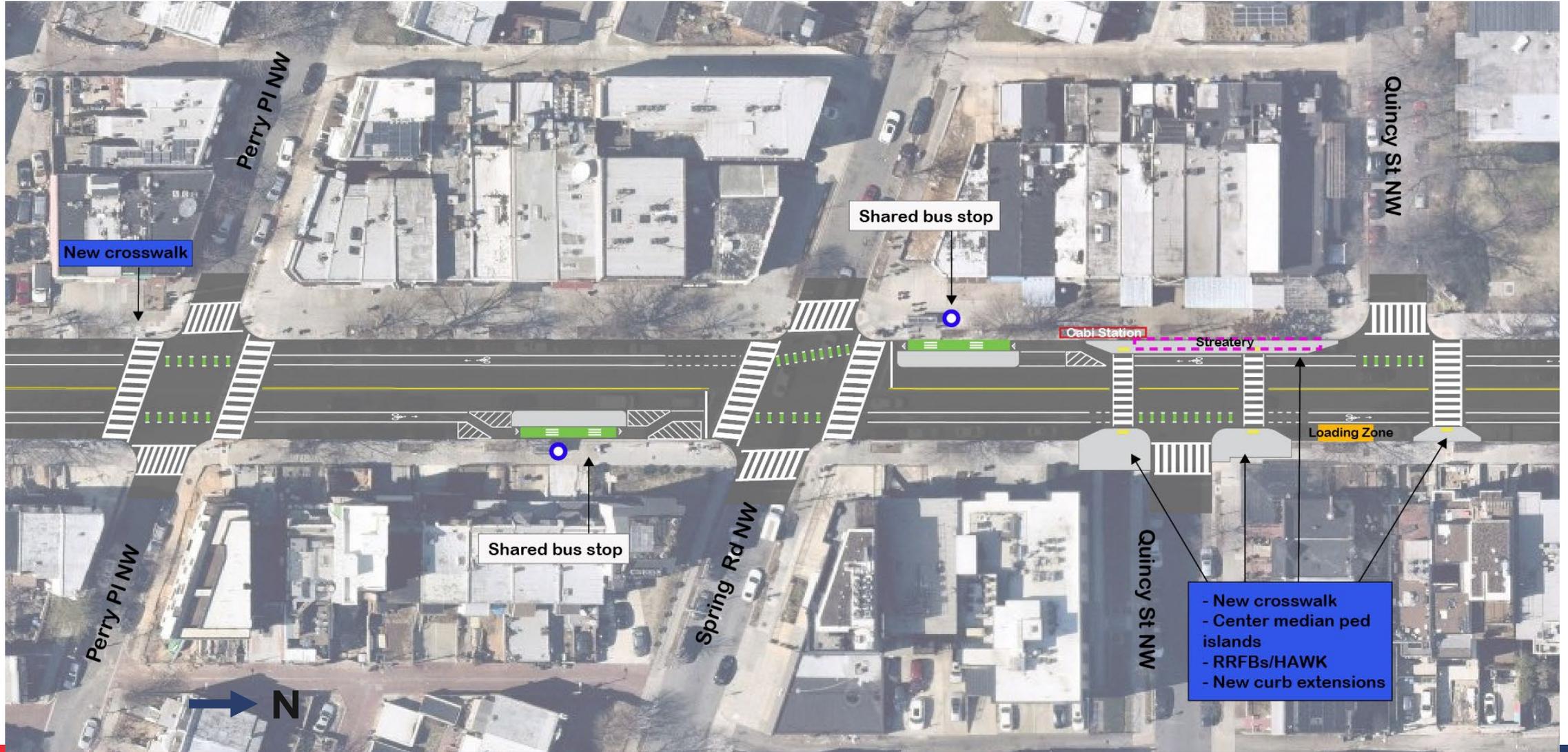
Concept 1: Shared Bus/ Bike Stops

- Existing 50' cross section
 - 8'- 8.5' parking lanes
 - 5' bike lanes
 - 11.5' – 12' general traffic lanes
- **Concept 1**
 - 5' bike lane
 - 8' island loading platform
 - 12' travel lanes
- **Enhancements include:**
 - Stop rebalancing
 - Traffic calming and ped safety installments



Concept 1: Shared Bus/ Bike Stops

Perry Pl to Quincy St

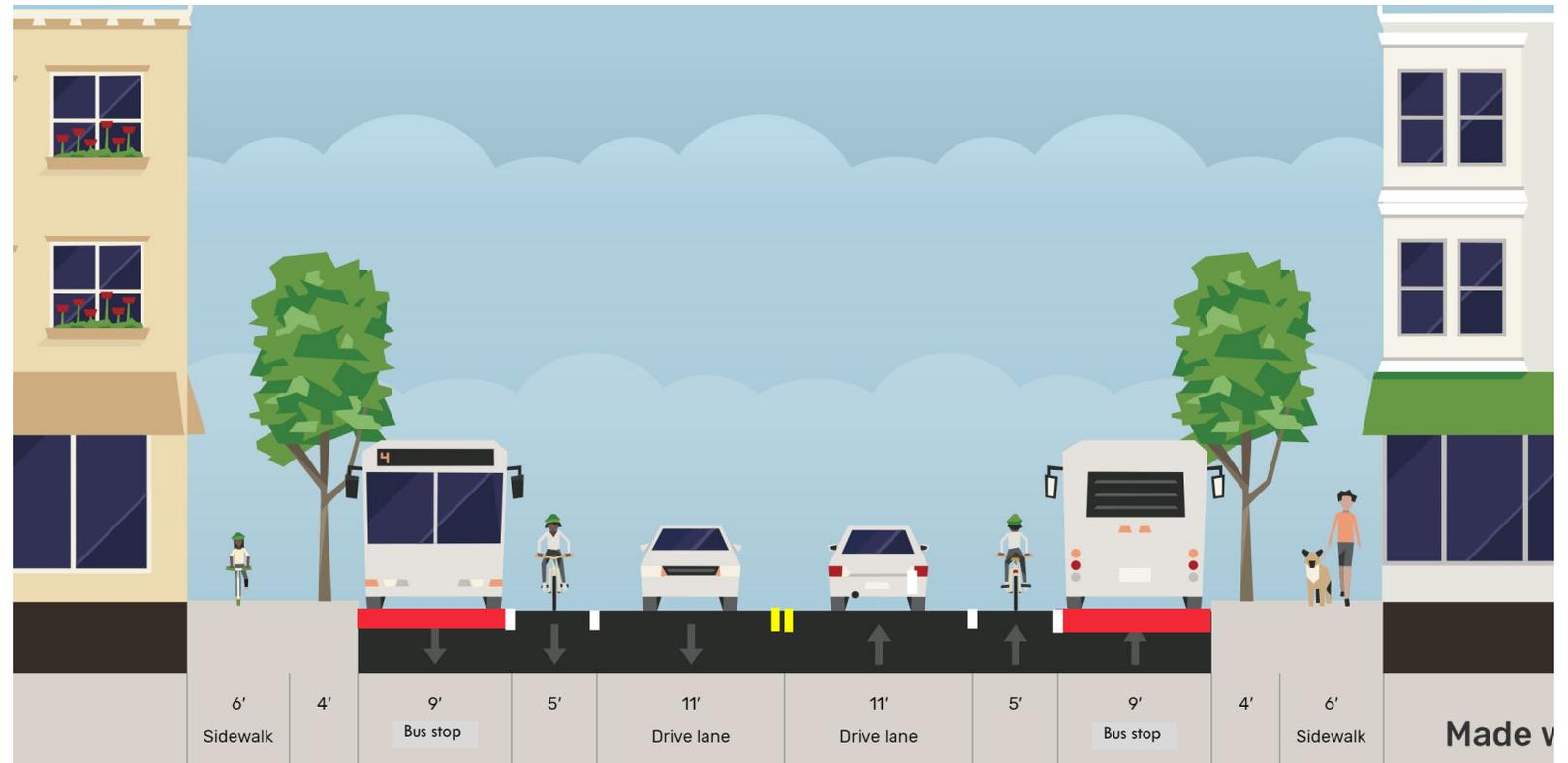


Concept 2: Red bus stops

- **5' bike lane**
- **12' general traffic travel**
- **Metro stops remain as existing with red paint enhancements**

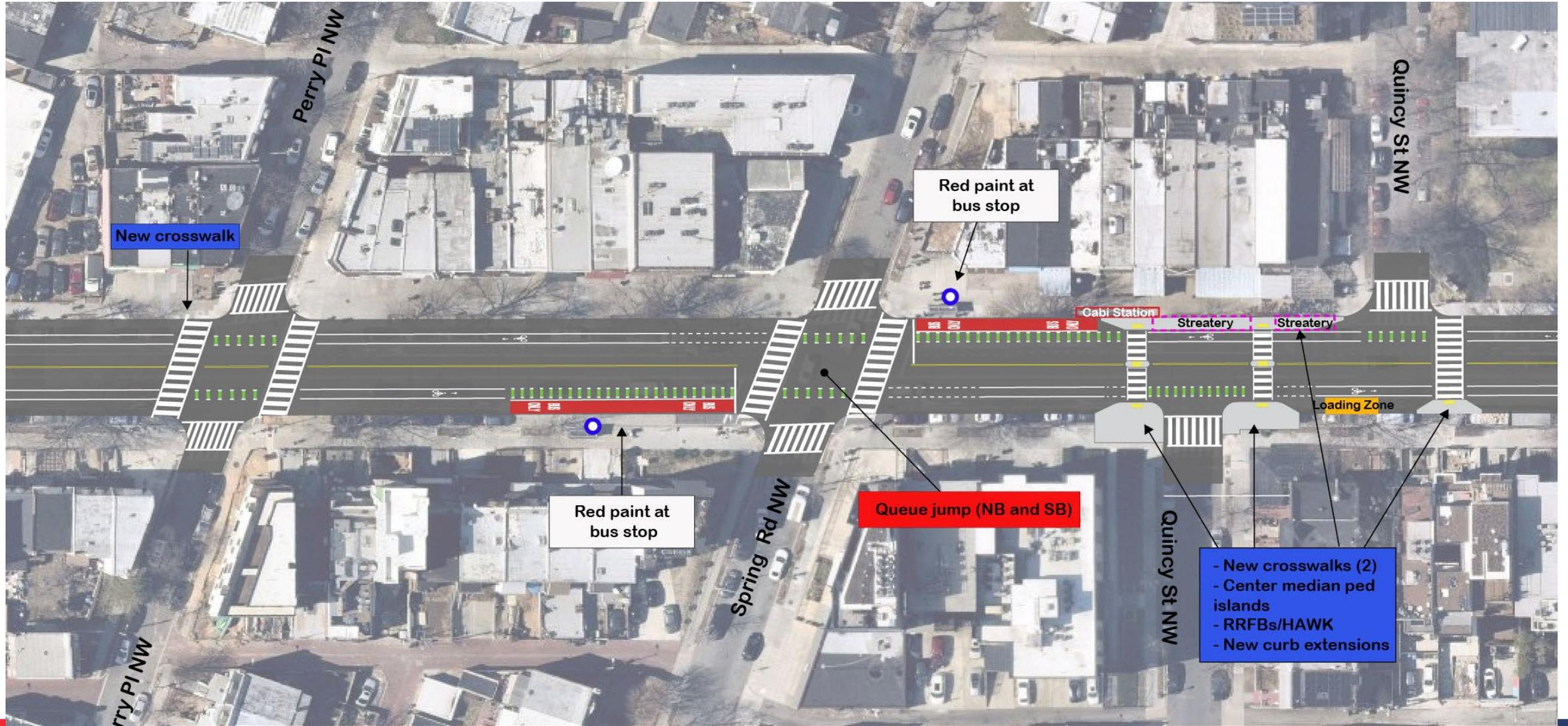
Additional enhancements:

- QJ at Spring St
- Stop rebalancing
- Traffic calming and ped safety installments
- Expanded bus stop area



Concept 2: Red bus stops

Perry Pl to Quincy St

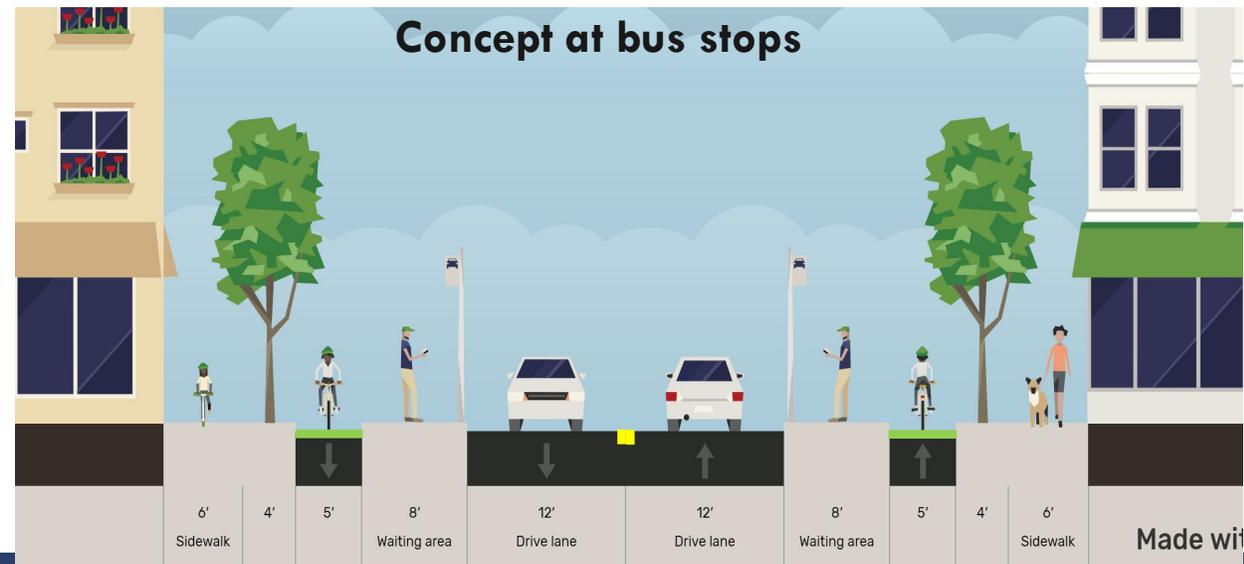
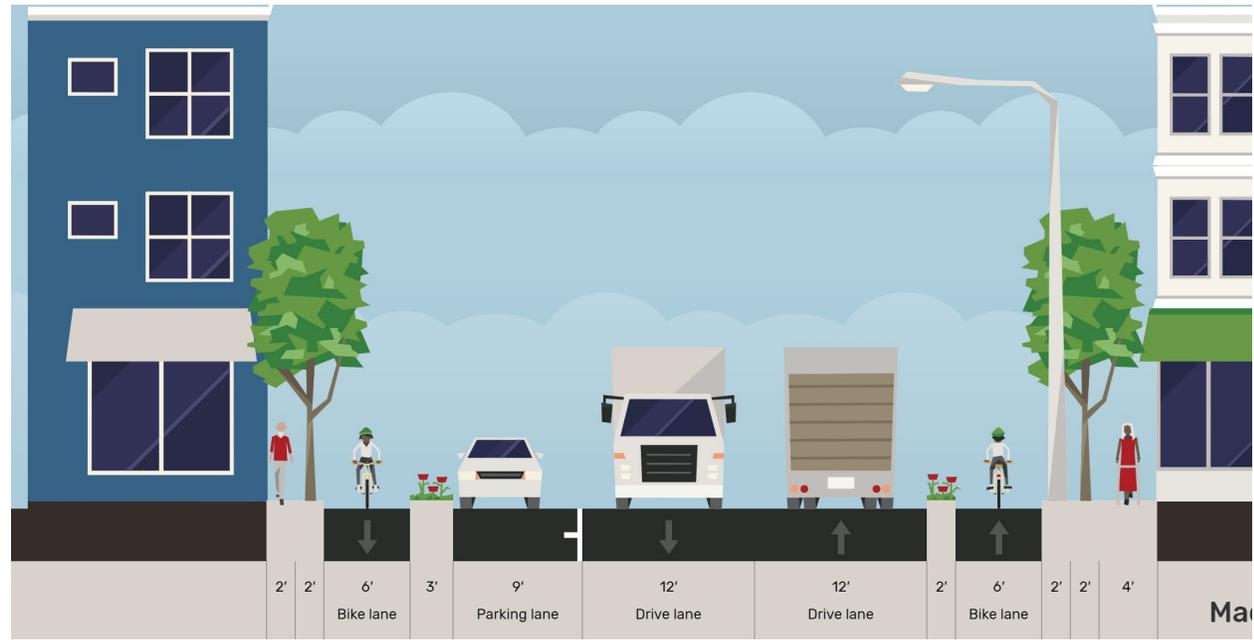


Concept 3: Protected Bike Lanes (PBL's) / Shared bus stops

- **Parking protected bike lane**
- **2-3' buffer**
- **9' parking aisle**
- **8' island loading platform/ parking lane**
- **12' travel lanes**
- **Bus stops shared with bike lanes**
- **Alternating block parking**

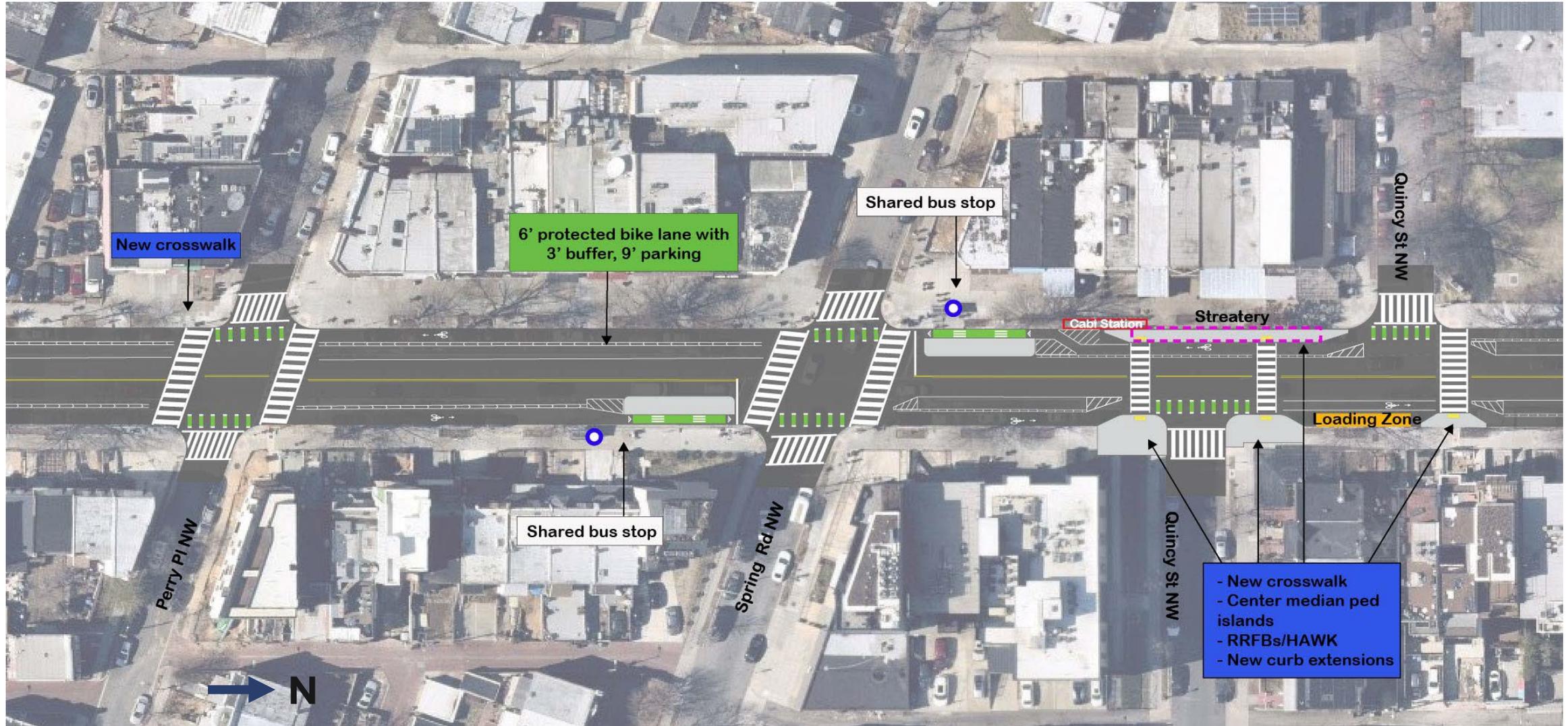
Additional enhancements:

- Stop rebalancing
- Traffic calming and ped safety installments
- Expanded bus stop area



Concept 3: Protected Bike Lanes

Perry Pl to Quincy St



14th St NW Decision Matrix

Roadway Configuration	Roadway Performance				
	Parking Supply	Traffic Operations	Multimodal Safety	Bicycle Level of Stress	Transit Benefit
Existing Conditions					
1. Shared Bus/ Bike Stops					
2. Red Bus Stops					
3. Protected Bike Lanes					

 Low LOS

 Medium LOS

 High LOS

*LOS – Level of Service

Provide comments:

For example:

- What is working well that shouldn't change?
- What feels unsafe or inconvenient?
- What would you like to be able to do differently in the future?
- What do we not know that can inform our plans?



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<https://bus-priority-dcgis.hub.arcgis.com/pages/14thstnw-newton-arkansas>