

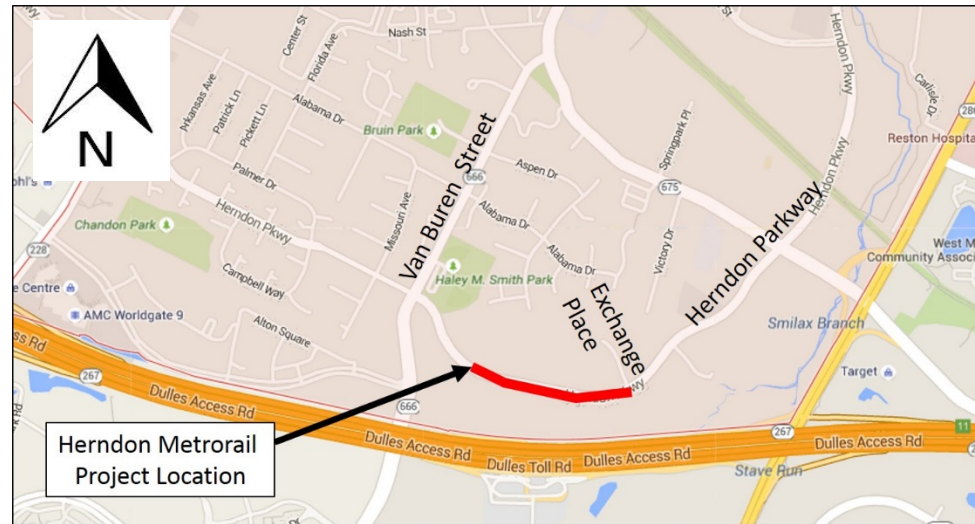
Vehicular and Pedestrian Access to Herndon Metrorail Station

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John Stuart, Clark Nexsen

October 28, 2015

Project Location



- The project is located in the Town of Herndon along Herndon Parkway between Van Buren Street and Exchange Place
- Herndon Parkway is a four-lane divided minor arterial with a posted speed limit of 35 mph
- New Silver Line extension is expected to take five years to construct and open in 2019.
- The Silver Line is expected to attract 50,000 riders per day going to and from the new stations.

Scope of Project

- Respond to Town Council directive of February 28, 2012: “Proceed with urgency with engineering for construction of the proposed bus stop and passenger drop-off/pick-up area on Herndon Parkway”
- Provide bus bays and vehicle drop-off areas along Herndon Parkway between Van Buren Street and Exchange Place to accommodate the future Herndon Silver Line Metrorail Station.
- Provide tie-in to the North Pavilion and Sidewalk project to provide pedestrian access to the Herndon Silver Line Metrorail Station from the nearest public right-of-way.

Scope of Project, Continued

- Other improvements include pedestrian signalization, transit aesthetic design elements, utility relocation, road drainage, landscaping and roadway and sidewalk lighting.
- Coordinate with overlapping improvements at future intersection of Worldgate Drive Extended and Herndon Parkway.
- Encourage public participation.
- Engage in on-going coordination with the Dulles Metrorail Project.

Herndon Transit Oriented Core

- Future development of the Herndon Transit Oriented Core will be accomplished by private developers.



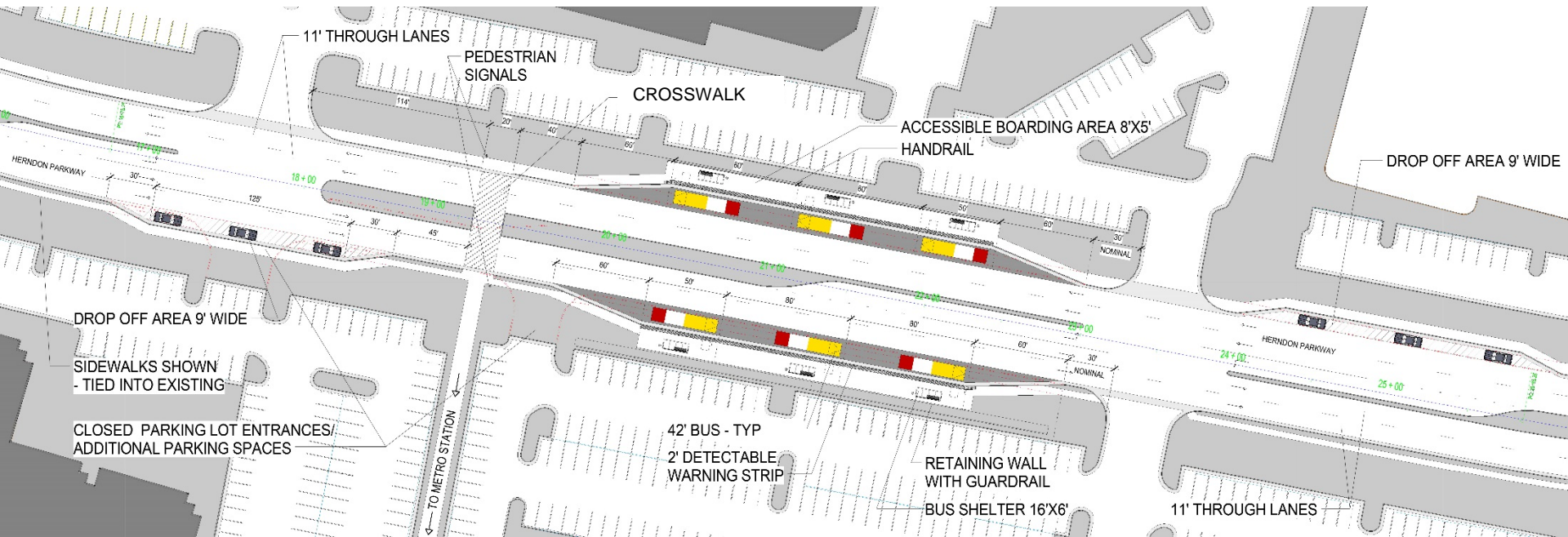
Proposed Improvements

Three options include:

- Option A – Tangent Bays Westbound and Eastbound in Same Block
 - Option B – Tangent Bays Westbound Far Side and Eastbound Near Side
 - Option C – Tangent Bays Westbound Far Side and Sawtooth Bays Eastbound Near Side
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- 13-foot wide bus bays on the northern and the southern side of Herndon Parkway are provided to accommodate three buses and adjacent shelters.
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- 9-foot wide vehicle drop-off areas are provided in all options, closed bay type, allowing passenger drop-off and pickup outside of traffic lanes.

Option A

Tangent Bays Westbound and Eastbound in Same Block



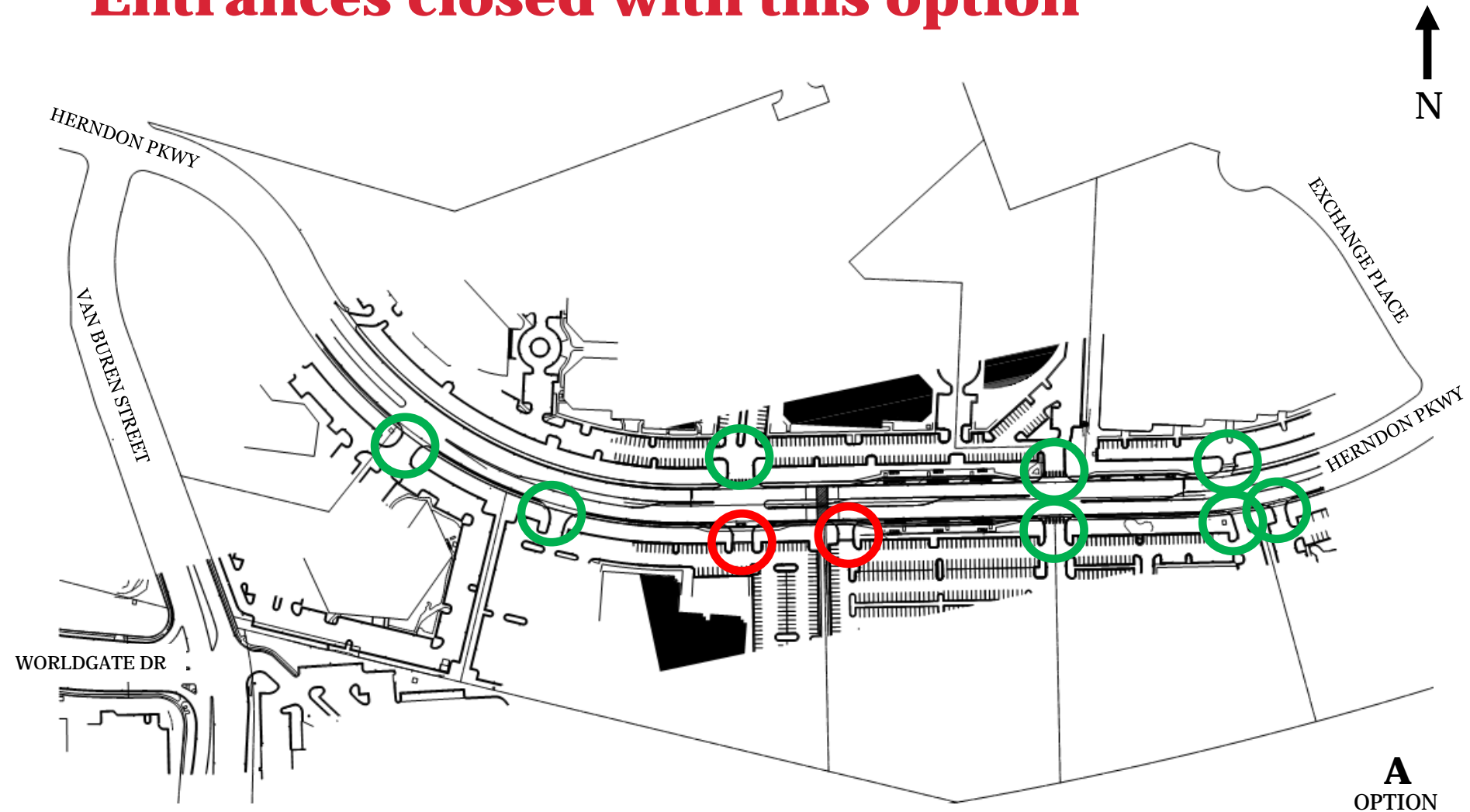
Option A

Continued

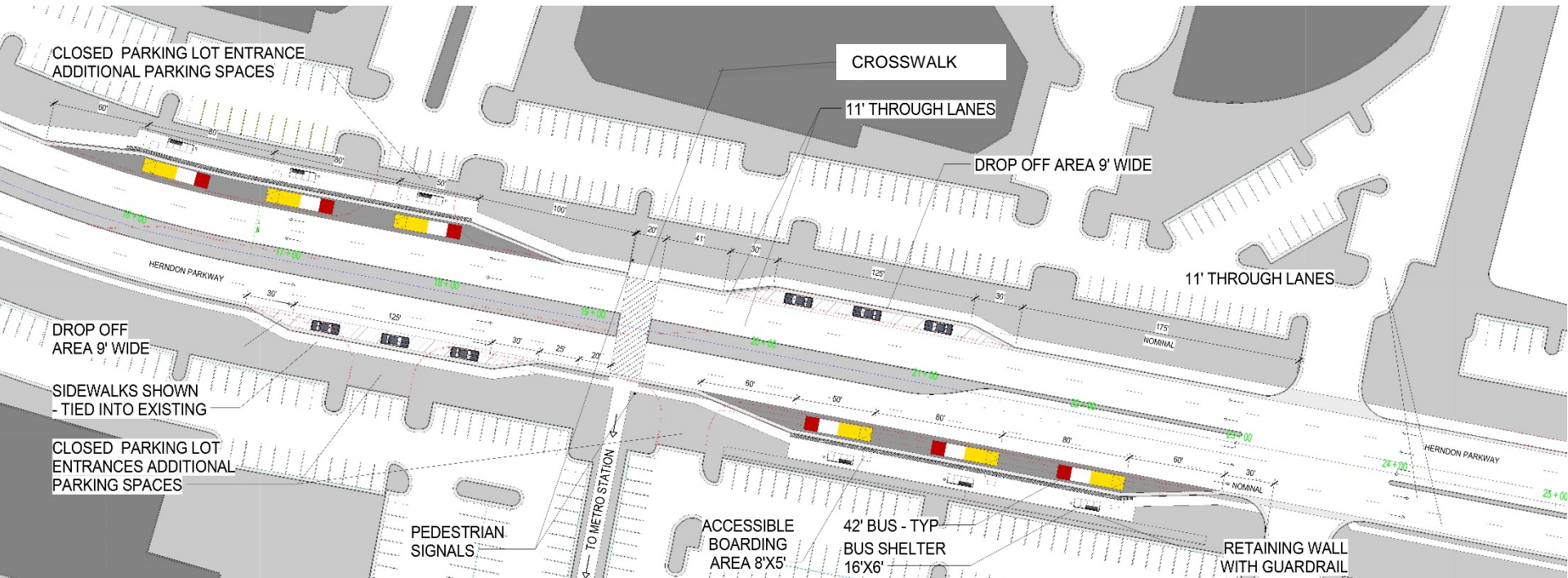


Option A

Entrances closed with this option



Tangent Bays Westbound Far Side and Eastbound Near Side



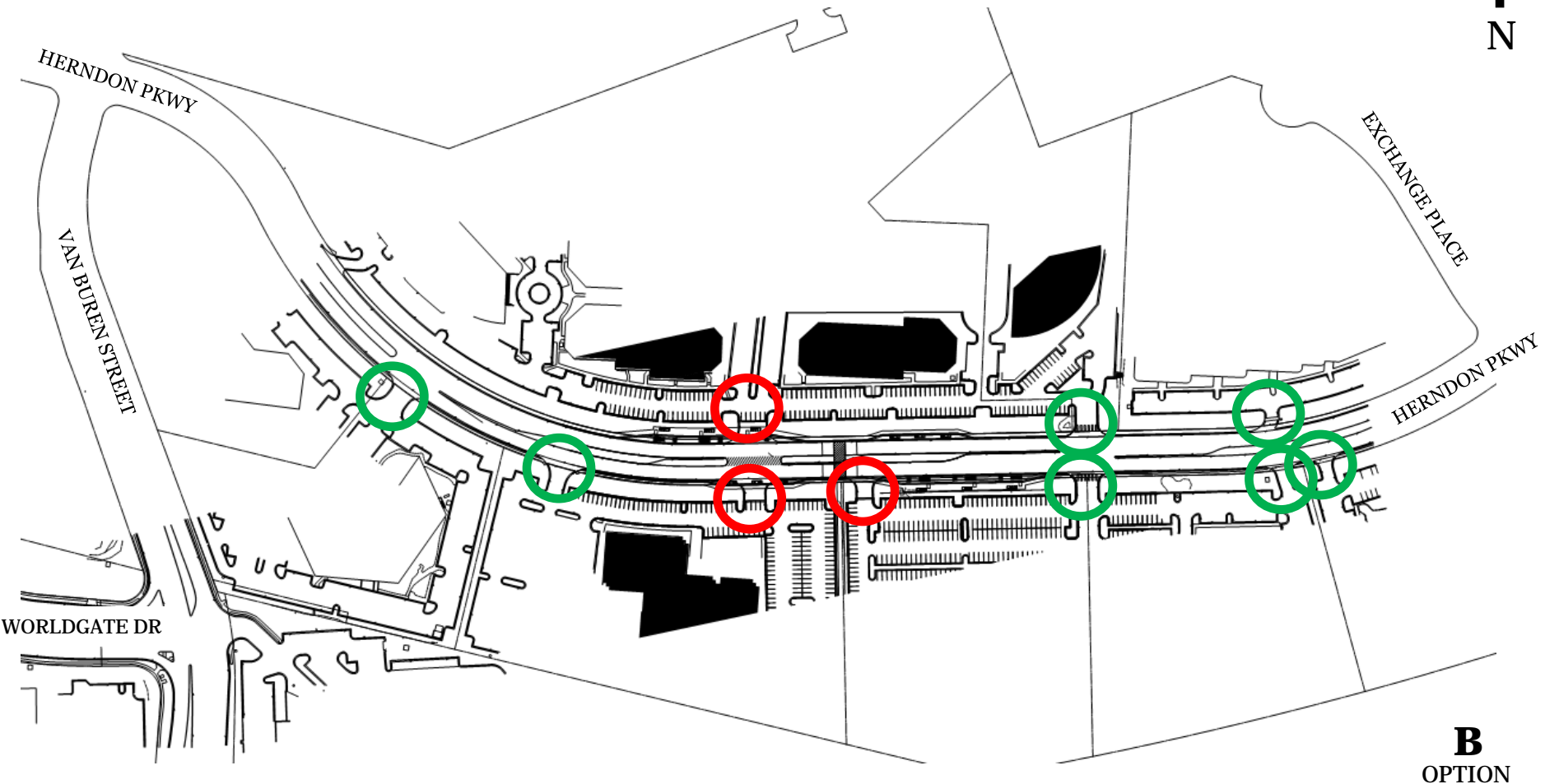
Option B

Continued



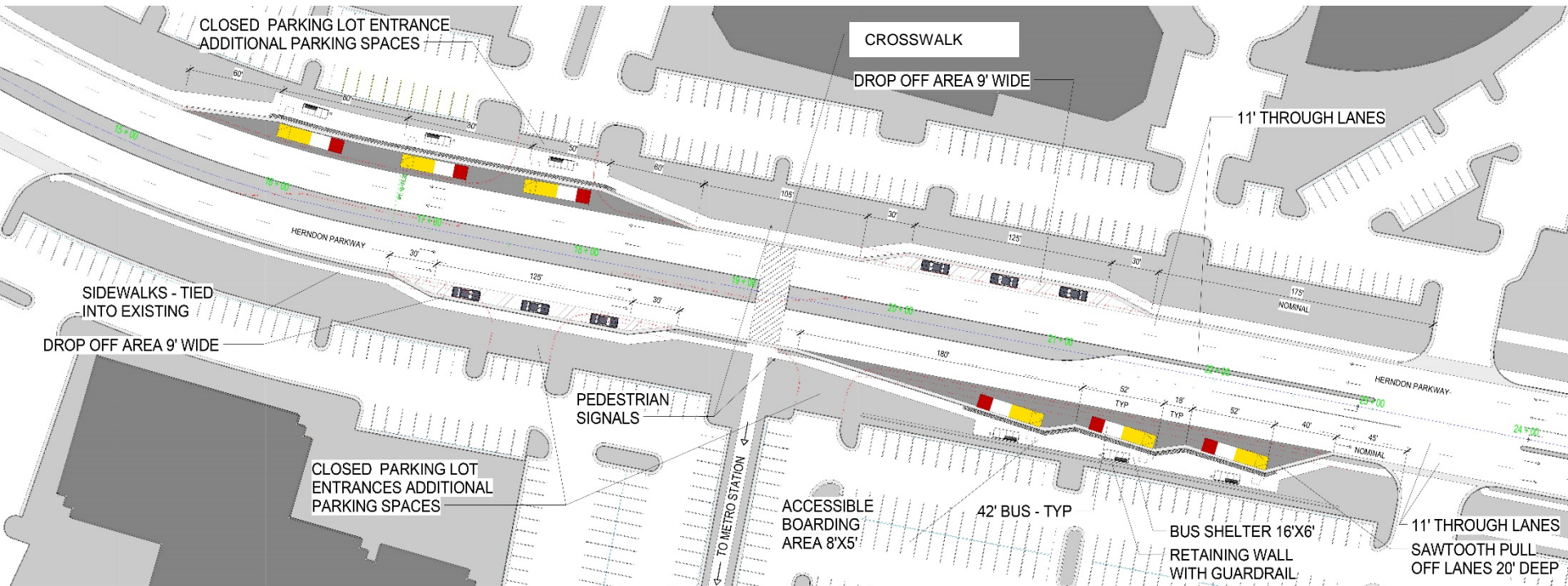
Option B

Entrances closed with this option



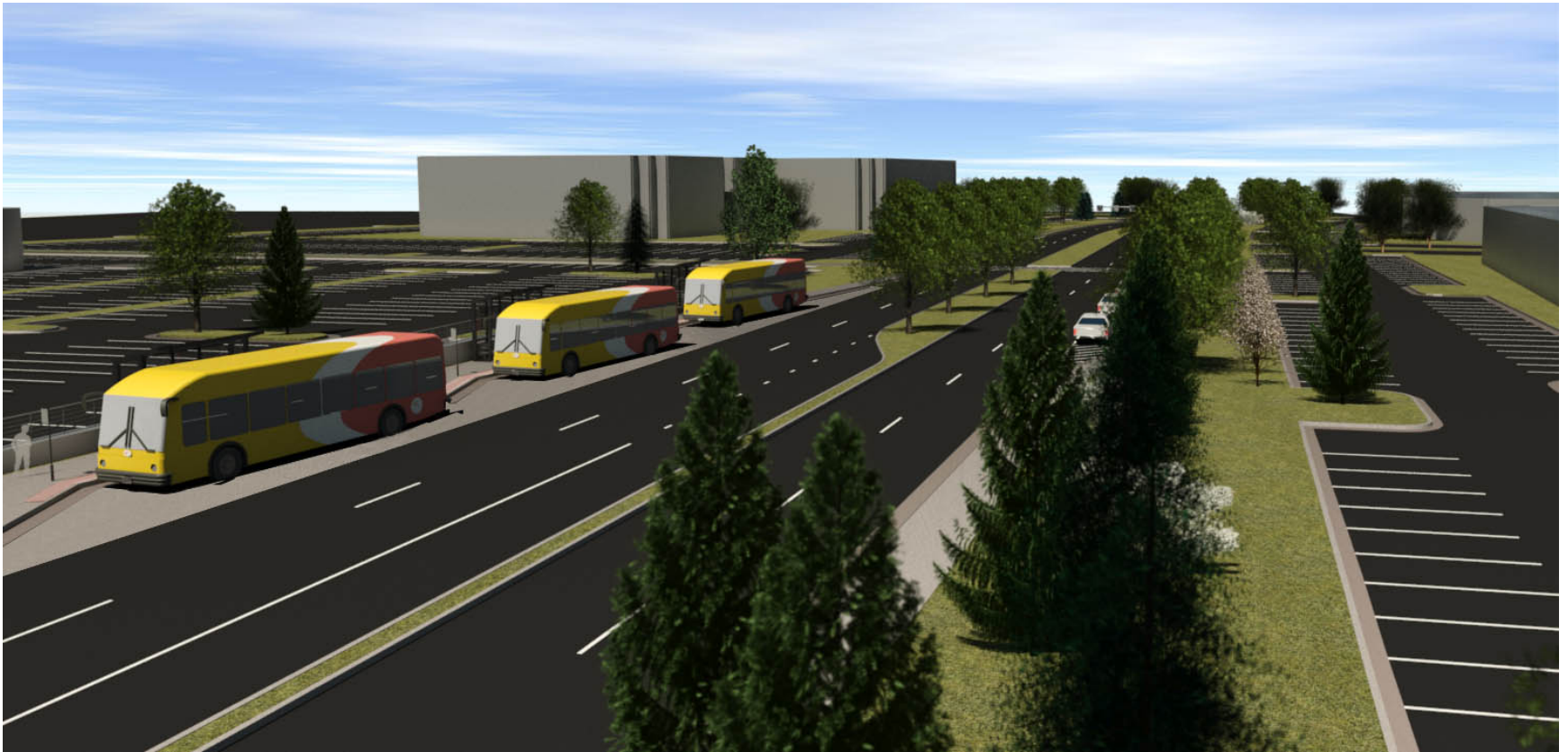
Option C

Tangent Bays Westbound Far Side and Sawtooth Bays Eastbound Near Side



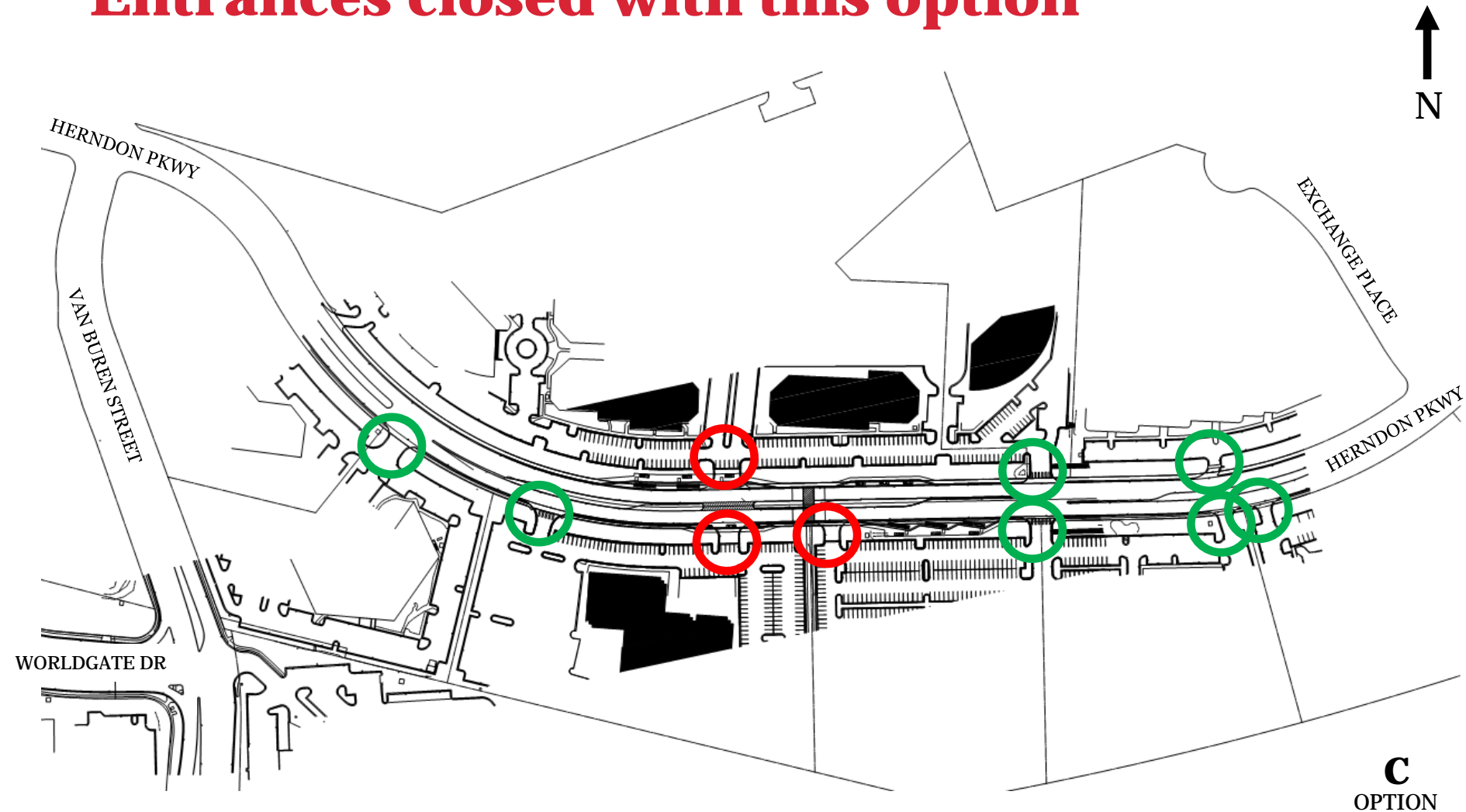
Option C

Continued



Option C

Entrances closed with this option



Pros and Cons of Each Option

Pros

Cons

Option A

- Closes only two existing entrances

- Pedestrian crossing in front of WB bus
- WB vehicle drop-off 400' from pedestrian crossing

Option B

- Pedestrian crossing behind bus bays

- Closes three existing entrances

Option C (Sawtooth)

- Same as B
- Easier bus maneuvering

- Same as B
- Less platform area due to larger pavement area for sawtooth layout

Current Funding

- HB2313 Regional 70% share \$1.1M
 - CMAQ \$1.2M
 - Total Allocation \$2.3M
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- Proposed from Fairfax County transportation allocation, based on Herndon Metrorail Stations Area Access Management Study: \$100,000 for signalized pedestrian crossing

Estimated Project Cost

■ Design	\$600K
■ Land Acquisition	\$400K
■ Utility Relocations	\$200K
■ <u>Construction</u>	<u>\$1.2M</u>
■ Total	\$2.4M

Schedule

- | | |
|---|----------------------|
| ■ Town Council Work Session | October 20, 2015 |
| ■ Public Input Meeting | October 28, 2015 |
| ■ Town Council Adopt Concept Plan | Winter 2016 |
| ■ Complete Construction Plans | Fall 2016 |
| ■ Design Public Hearing | Fall 2016 |
| ■ Complete Right-of-Way Acquisition | Winter 2017 |
| ■ After Metro Silver Line Work is completed on the Entry Pavilion and Sidewalk: | |
| ■ Complete Utility Relocations | Possibly Spring 2017 |
| ■ Advertise for Construction | Possibly mid-2017 |
| ■ Begin Construction | Possibly Summer 2017 |

Questions?