**VADEN DRIVE BRIDGE CONSTRUCTION TIMELINE**

**On or About September 5, 2019**
- Close the ramp from Saintsbury Drive to I-66 East

**September 2019**
- I-66 East exit to Nutley Street will shift to the east past the Vaden Drive Bridge

**Mid-October 2019**
- Close Vaden Drive Bridge
- Existing access to Metro garage remains

**Mid-late October 2019**
- Begin demolition of the southern bridge abutment over I-66 East up to the Vienna/Fairfax-GMU Metro facility

**November 2019**
- Begin demolition of northern bridge abutment over I-66 West up to the Vienna/Fairfax-GMU Metro facility

**November 2019**
- Begin construction on south side of bridge while north side continues to be demolished

**End of November 2019**
- Demolition of existing bridge complete

**November 2019 - September 2020**
- Construction of new Vaden Drive Bridge

**End of September 2020**
- New Vaden Drive Bridge complete – all lanes open

*Demolition work expected nightly from 11pm – 5am. Will include daytime work when necessary.*

**Benefits of Closing the Vaden Drive Bridge**

- Reduces construction timeline of bridge to 12 months vs. 24 months if bridge remained partially open during construction.
- Reduces bridge demolition to a single operation in Fall 2019 instead of a two-stage demolition extending into 2020.
- Avoids overlap of major construction impacts at the Nutley Street Interchange and Vaden Drive Bridge.
- Reduces traffic shifts and lane closures on mainline I-66.
Ramp from Saintsbury Drive to I-66 East to permanently close on or about September 5, 2019.

Improvements to signal timing and additional left-turn lane at intersection of Nutley Street and Saintsbury Drive.

Metro Parking garage traffic flow at Vaden Drive during bridge closure

Vaden Drive Bridge Vehicle and Bicycle Detour Details

- Traffic headed south on Vaden Drive should turn left/travel east on Virginia Center Boulevard, then turn right on Nutley Street. From southbound Nutley Street, drivers can exit onto I-66 East or West; continue south toward Lee Highway; or turn right on Saintsbury Drive to return to Vaden Drive on the south side of I-66.

- Existing access to the north and south Metro parking garages will remain open.

- The exit ramp from I-66 West to Country Creek Road will remain open.

- Traffic headed north on Vaden Drive should turn right/travel east on Saintsbury Drive, then turn left on Nutley Street. From northbound Nutley Street, drivers can exit onto I-66 East or West; continue north toward Route 123; or turn left on Virginia Center Boulevard to return to Vaden Drive on the north side of I-66.
Pedestrian traffic headed south on Vaden Drive

- Turn left/proceed east on Virginia Center Boulevard toward the Vienna/Fairfax-GMU Metrorail Station.
- Follow signs to enter the Metro station, cross the pedestrian bridge over I-66, and reach Saintsbury Drive.
- Turn right and follow signs to return to Vaden Drive.

Pedestrian traffic headed north on Vaden Drive

- Turn right/proceed east on Saintsbury Drive toward the Vienna/Fairfax-GMU Metrorail Station.
- Follow signs to enter the Metro station, cross the pedestrian bridge over I-66, and reach Virginia Center Boulevard.
- Turn left and follow signs to return to Vaden Drive.
Upcoming construction in the next 6 months:

- Construct bridges and ramps
- Construct new box culverts for future grade-separated shared-use path
- Utility relocations
- Temporary traffic pattern changes to allow construction of new ramps
ROUTE 123 (CHAIN BRIDGE ROAD)
PHASED TRAFFIC PATTERN CHANGES – FALL 2019

I-66 West to Route 123 North
- New permanent ramp from I-66 West to Route 123 North opens.

I-66 West to Route 123 South
- Existing flyover ramp from I-66 West to Route 123 South will be closed. Ramp will be demolished.
- Drivers will use new exit ramp and two left-turn lanes at the traffic signal to access Route 123 South.

I-66 East to Route 123 North
- Existing exit ramp from I-66 East to Route 123 North will be closed. Ramp will be demolished.
- Drivers will use a new exit ramp from I-66 East and use two left-turn lanes at a new traffic signal to access Route 123 North.

Route 123 South to I-66 East
- Existing ramp from Route 123 South to I-66 East will be closed. Ramp will be demolished.
- Drivers on Route 123 South will turn left at the traffic signal to use a new ramp to I-66 East.

LEGEND
- Ramp closing: ❌❌❌❌❌
- Ramp demolished: ❌❌❌❌❌
- Flow of traffic: ➡️
NUTLEY STREET INTERCHANGE DESIGN IMPROVEMENTS

Benefits of New Nutley Street Interchange Design

**Improved Traffic Flow**
- Eliminates the need for all traffic signals previously proposed in the DDI design
- Roundabout design naturally regulates speed on Nutley Street near I-66
- Improves future traffic operations on Nutley Street

**Reduced Construction Impacts**
- Less disruptive construction to surrounding communities by eliminating additional bridge construction
- Reduces right of way impacts on the surrounding community
- Does not impact Metro facility

**Bike and Pedestrian Improvements**
- Enhances multimodal access with a grade separated shared-use path
- Sidewalk extends through interchange
- Shared use path connects to planned trail along Nutley Street to the north and along Virginia Center Boulevard to the west