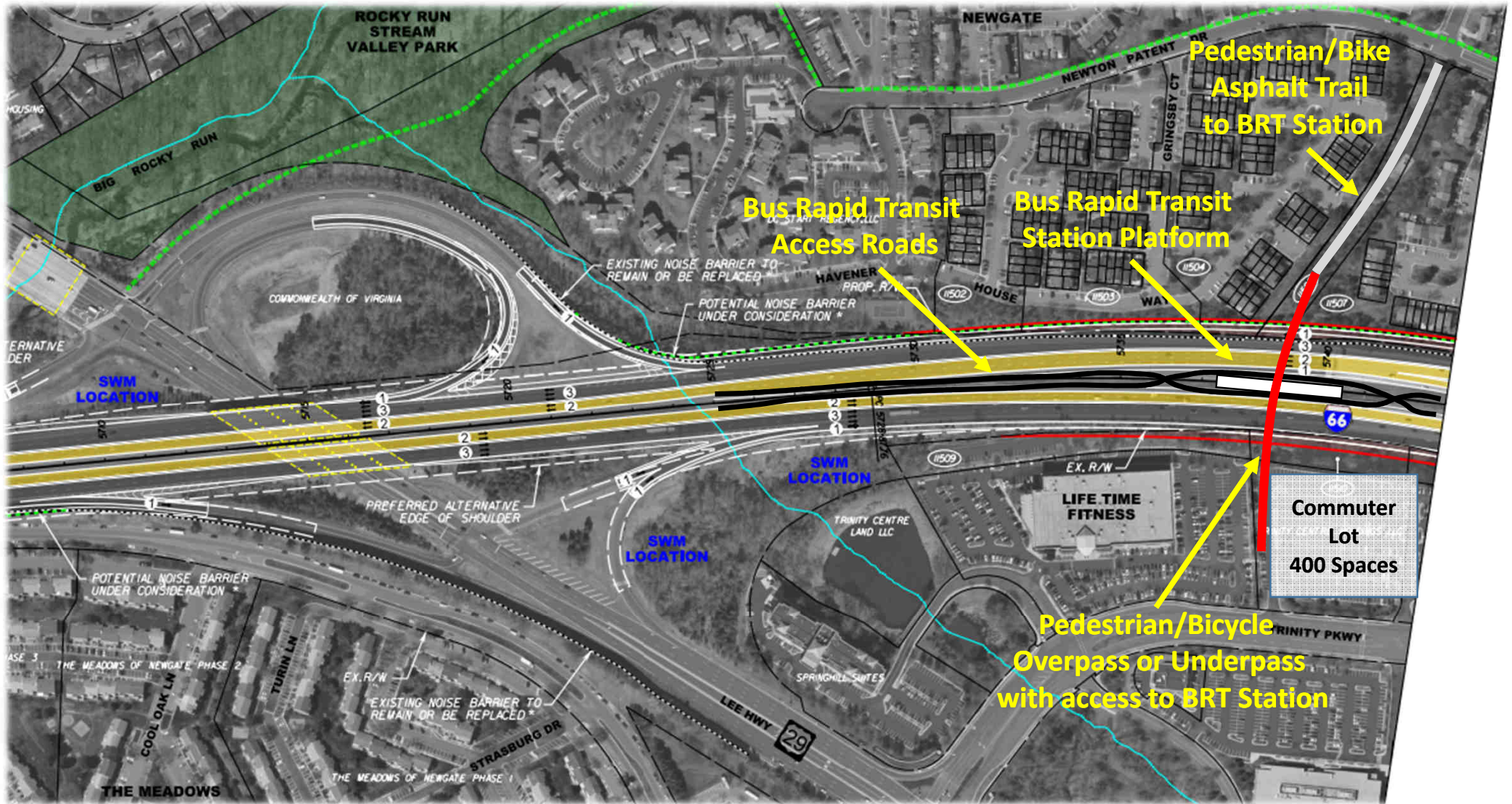


# Recommended Centreville I-66 Bus Rapid Transit Station



# I-66 Centreville Highway BRT Station (Trinty Centre)

**Description:** This proposed station is located in the median of the future I-66 HOT lanes in Centreville, VA that is reserved for a future Metrorail extension. This allows buses to pick up and drop off customers without leaving the freeway. Access to the station is provided from Newton Patent Dr. and Trinty Parkway. This could be the first Highway BRT station in the Washington DC region.

## **Justification:**

- ~1000 Households within 1/2 mile walk distance to the station (Higher than many current Metrorail Stations)
- Metrorail to Centreville is not predicted until at least 2040 after core capacity is addressed
- 15 Minute transit access via HOT/Express lanes to/from Tysons; 30 Minute transit access via HOT/Express lanes to/from DC
- Stress free pedestrian/bicycle access across I-66 to Centreville Route 29 Central Business District from residential communities north of I-66

## **Routes (PRTC):**

OmniRide: Manassas - DC/Arlington/Pentagon; Gainesville - DC/Arlington/Pentagon; Fare: \$6.20 (FY16- SmartTrip) – 17 AM Trips

MetroDirect: Manassas - Tysons; Gainesville - Tysons; Fare: \$3.15 (FY16- SmartTrip) – 12 AM Trips

No additional bus operating subsidy for Fairfax County; Improves Farebox Recovery Ratio for OmniRide/MetroDirect Transit Vehicles

**Access:** Recommended one stairway and elevator tower that provides movement between the upper-level bike/ped bridge and lower-level freeway platform.

**Traffic controls:** Gates and traffic signals control traffic access to the I-66 HOT level of the station.

**Features:** Enclosed climate-controlled waiting area

**Safety and security:** Multiple security cameras, LED lighting

## **Estimated Costs:**

- Station: \$5 million
- Access Roadway - \$15 million
- Bicycle/Pedestrian Overpass - \$15 million

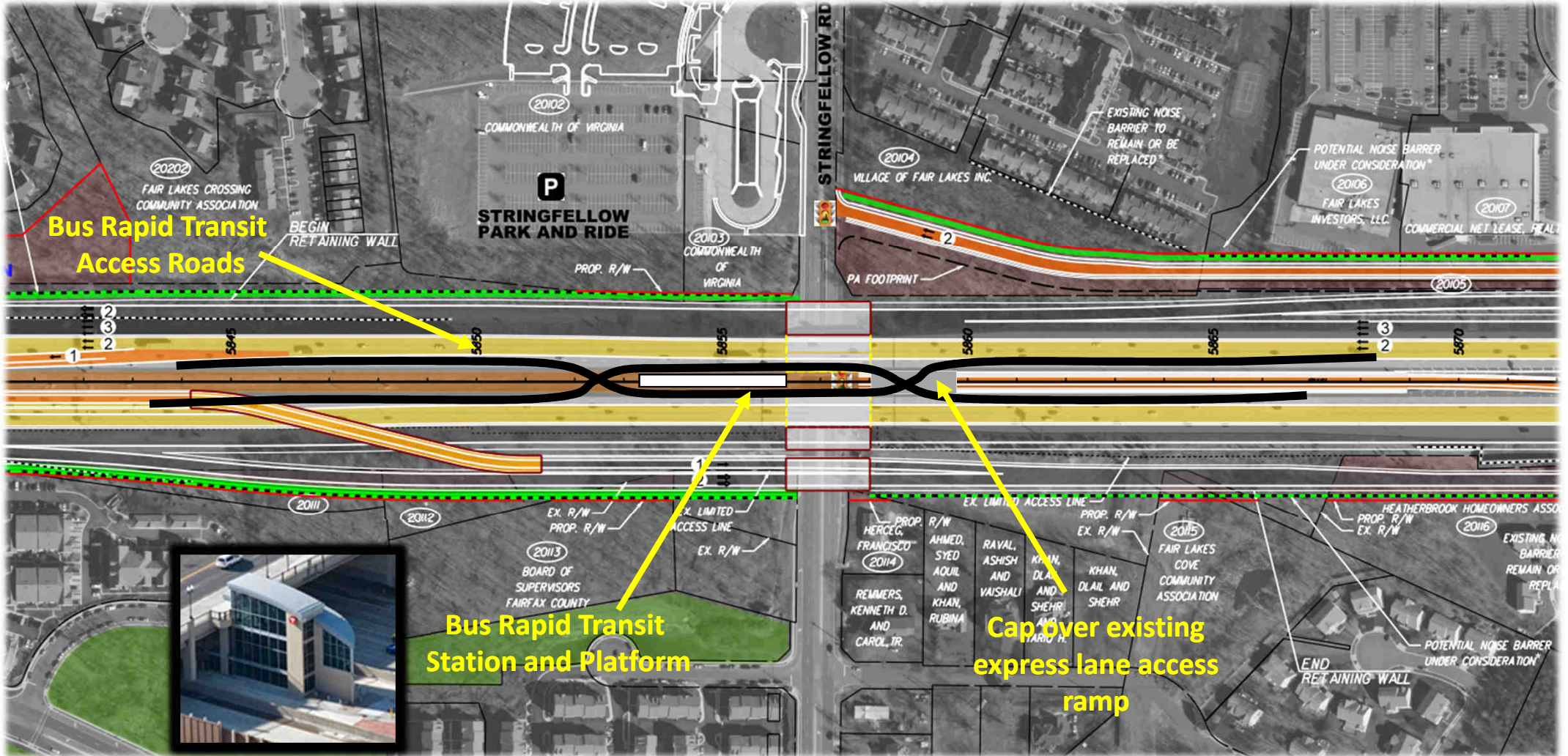
## **Recommended Funding Sources:**

- NVTA - \$25 Million
- Fairfax County - \$10 Million
- I-66 Inside or Outside the Beltway Transit Funding

## **Additional Projects:**

- 8' Protected Bike Lane/Cycle Track on Awbrey Patent Dr. between Stone Rd and Newton Patent Dr.
- 400 space commuter lot next to Lifetime Fitness

# Recommended Stringfellow Rd I-66 Bus Rapid Transit Station



# I-66 Centreville Highway BRT Station (Stringfellow Road)

**Description:** This proposed station is located in the median of the future I-66 HOT lanes in Centreville, VA that is reserved for a future Metrorail extension. This allows buses to pick up and drop off customers without leaving the freeway. Access to the station is provided from Stringfellow Road. This could be the first Highway BRT station in the Washington DC region.

## **Justification:**

- ~750 Households within 1/2 mile walk distance to the station (Higher than many current Metrorail Stations)
- Metrorail to Stringfellow Road is not predicted until at least 2040 after core capacity is addressed
- 15 Minute transit access via HOT/Express lanes to/from Tysons; 30 Minute transit access via HOT/Express lanes to/from DC
- Walkable access from/to Stringfellow Road Park-and-Ride (685 Spaces)
- Reduce the # of transit vehicles needed to provide current service to Vienna Metro/Tysons/DC

## **Routes (PRTC):**

OmniRide: Manassas - DC/Arlington/Pentagon; Gainesville - DC/Arlington/Pentagon; Fare: \$6.20 (FY16- SmartTrip) – 17 AM Trips

MetroDirect: Manassas - Tysons; Gainesville - Tysons; Fare: \$3.15 (FY16- SmartTrip) – 12 AM Trips

Fairfax Connector – Centreville Buses

**Access:** Recommended one stairway and elevator tower that provides movement between the upper-level bike/ped bridge and lower-level freeway platform.

**Traffic controls:** Gates and traffic signals control traffic access to the I-66 HOT level of the station.

**Features:** Enclosed climate-controlled waiting area

**Safety and security:** Multiple security cameras, LED lighting

## **Estimated Costs:**

- Station: \$5 million
- Access Roadway - \$15 million
- Cap over Existing Stringfellow Road HOV/HOT Access Ramp - \$15 million

## **Recommended Funding Sources:**

- NVTA - \$25 Million
- Fairfax County - \$10 Million
- I-66 Inside or Outside the Beltway Transit Funding



Example of bicycle/pedestrian bridge over interstate highway with HOT lanes:

W&OD Trail Over I-495 in Vienna/Falls Church, VA  
<https://www.google.com/maps/@38.891078,-77.2220186,429a,20y,90h,41.48t/data=!3m1!1e3>



Example of highway BRT station:

46<sup>th</sup> Street/I-35W in Minneapolis, MN  
<https://www.google.com/maps/@44.9194964,-93.2777949,273a,20y,90h,41.59t/data=!3m1!1e3>

I-66 BRT Stations would only require one station structure