



FY 2015-16 PROJECT DESCRIPTION FORM (3H)

Basic Project Information

Submitting Agency: City of Manassas

Project Title: Route 28 (Manassas Bypass) Study – Godwin Drive Extended (3H)

Project Type (*check one*):

Roadway (X) Transit ()

VA State Route Number (if applicable) and NVTA Corridor Number (1-8): Route 28, Corridor 3

1. **Project Description:** This study will evaluate the scope, cost, environmental, traffic forecasts, alternative alignments, and feasibility factors required to gain approval for Route 28 corridor congestion improvements between the City of Manassas and Fairfax County. The Godwin Drive Extended alternative begins at the intersection of Godwin Drive/Route 234 on the western edge of the City of Manassas and continues through dedicated Right of Way in Prince William County and Fairfax County to a proposed interchange between Route 234 Business and Route 28 on I-66. Other viable alternatives along existing Route 28 such as reversible lanes will also be considered in this study.
2. **Requested NVTA Funds:** PE Only, \$2,500,000
3. **Phase(s) of Project Covered by Requested NVTA Funds:** PE only, future funding requests are deferred until study completion.
4. **Total Cost to Complete Project:** \$2,500,000
5. **Project Milestone -Study Phase:** Start of Study July 2015
6. **Project Milestone -Preliminary Engineering (30% Design):** Start of PE July 2015
7. **Project Milestones -Final Design:** Start of Final Design deferred until study completion
8. **Project Milestones -Right-of-Way:** ROW acquisitions completed deferred until study completion
9. **Project Milestone – Construction:** Start of Construction deferred until study completion
10. **Project Milestone – Mass Transit Vehicle Acquisition:** Start of Construction deferred until study completion



11. Is Project in Transaction 2040:

Yes (X) No ()

12. Project in 2010 CLRP: N/A

13. Project Leverages other Funding: (please state amount)

- Local ()
- State ()
- Federal ()
- Other: N/A



Stated Benefits

- **What Regional benefit(s) does this project offer?**
This study will evaluate those alignments and options most viable for the long term congestion relief along the Route 28 corridor from Manassas to Fairfax County. The Godwin Drive Extended corridor was modelled as required by HB 2313 and HB 599 and was determined to show significant congestion relief. Other options along existing Route 28 between the City of Manassas and Fairfax County will also be evaluated. This study will address bike and pedestrian safety and better connect regional activity centers.
- **How does the project reduce congestion?**
All proposed study alignments for this project will significantly reduce congestion on Route 28 between the City of Manassas and Fairfax County. Prince William County and the City of Manassas Park will also realize congestion relief.
- **How does project increase capacity? (Mass Transit Projects only)**
This is the study of a highway project.
- **How does project improve auto and pedestrian safety?**
Bike and pedestrian trails/shared use paths will be considered in the study
- **List internet links below to any additional information in support of this project: N/A**



FY 2015-16 PROJECT DESCRIPTION FORM 3I

Basic Project Information

Submitting Agency: City of Manassas

Project Title: Route 28 Widening South to City Limits (3I)

Project Type (*check one*):

Roadway (X) Transit ()

VA State Route Number (if applicable) and NVTA Corridor Number (1-8): Route 28, Corridor 3

1. **Project Description:** This project widens Route 28 from 4 lanes to 6 lanes from Godwin Drive in Manassas City to the southern city/Prince William County limits. This project also adds a dual left turn lane on north bound Route 28 to serve Godwin Drive. The widening accommodates future traffic needs for motorists on Route 28 as they move to and from the Route 234 bypass and through the City of Manassas. The project eliminates a merge/weave problem that occurs as travelers exit the 234 bypass and attempt to cross 2 lanes to access Godwin Drive. Signalization improvements are included.
2. **Requested NVTA Funds:** \$3,294,000
3. **Phase(s) of Project Covered by Requested NVTA Funds:** PE, RW, CN
4. **Total Cost to Complete Project:** \$12,847,000
5. **Project Milestone -Study Phase:** Start of Study December 2012
6. **Project Milestone -Preliminary Engineering (30% Design):** Start of PE November 2013
7. **Project Milestones -Final Design:** Start of Final Design February 2016
8. **Project Milestones -Right-of-Way:** ROW acquisitions completed April 2016
9. **Project Milestone – Construction:** Start of Construction December 2017
10. **Project Milestone – Mass Transit Vehicle Acquisition:** Start of Construction N/A
11. **Is Project in Transaction 2040:**
Yes (X) No ()



12. Project in 2010 CLRP: N/A

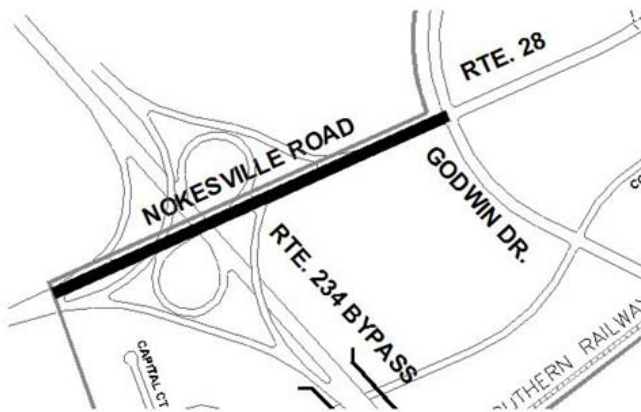
13. Project Leverages other Funding: (please state amount)

- Local (X)
- State (X)
- Federal (X)
- Other: N/A



Stated Benefits

- **What Regional benefit(s) does this project offer?**
This project reduces congestion on a high volume corridor that runs through Prince William County, Manassas, Manassas Park, Fairfax County, and Loudoun County.
- **How does the project reduce congestion?**
This project widens Route 28 to 6 lanes to match the planned corridor width in Prince William County's comprehensive plan. It will reduce congestion for commuters traveling from western Prince William County to I-66.
- **How does project increase capacity? (Mass Transit Projects only)**
This is a highway project.
- **How does project improve auto and pedestrian safety?**
Bike and pedestrian trails/shared use paths will be included in the corridor and will provide connectivity between Prince William County and the City of Manassas as state in the City of Manassas 2007 Bike Trail Master Plan
- **List internet links below to any additional information in support of this project: N/A**





Northern Virginia Transportation Authority

The Authority for Transportation in Northern Virginia





FY 2015-16 PROJECT DESCRIPTION FORM (3J)

Basic Project Information

Submitting Agency: Prince William County

Project Title: Route 28 Widening from Route 234 Bypass to Linton Hall Road (3J)

Project Type (*check one*):

Roadway (X) Transit ()

VA State Route Number (if applicable) and NVTA Corridor Number (1-8):

Route 28/Corridor 3

1. **Project Description:** The proposed project involves the widening of Route 28 from Route 234 Bypass to Linton Hall Road. The proposed widening project spans approximately 1.5 Miles which will widen this section of Route 28 from a 4 lane undivided highway to a 6 lane divided highway, which will include a multi-use trail and sidewalk. The funding requested in the application will cover all phases of the project which includes the study phase, preliminary engineering, final design, right-of-way, and construction.
2. **Requested NVTA Funds:** \$16,700,000.00
3. **Phase(s) of Project Covered by Requested NVTA Funds:**
Design, right-of-way, utility relocation and construction phases will be covered by the requested funds.
4. **Total Cost to Complete Project:** \$16,700,000.00
5. **Project Milestone -Study Phase:** Start of Study - Complete
6. **Project Milestone -Preliminary Engineering (30% Design):** Start of PE August 2015
7. **Project Milestones -Final Design:** Start of Final Design December 2015
8. **Project Milestones -Right-of-Way:** ROW acquisitions completed June 2017
9. **Project Milestone – Construction:** Start of Construction August 2017
10. **Project Milestone – Mass Transit Vehicle Acquisition:** Start of Construction - N/A
11. **Is Project in Transaction 2040:**
Yes (X) No ()



12. Project in 2010 CLRP:

(If NOT in TransAction 2040, please provide 2010 CLRP ID number)

Yes

13. Project Leverages other Funding: (please state amount)

- Local ()
- State ()
- Federal ()
- Other:



Stated Benefits

- **What Regional benefit(s) does this project offer?**

This project compliments an additional future segment of Route 28 (Route 28 from Linton Hall Road to Fitzwater Drive and the widening in Manassas between the 234 Bypass and Godwin Road). Route 28 currently services high-volume traffic between several jurisdictions in Northern Virginia. The project will alleviate traffic on a regionally congested corridor and allows for better connectivity from the Bristow/Nokesville Area in Prince William County to the City of Manassas, the City of Manassas Park and ultimately into Fairfax and Loudoun Counties through the Route 28 corridor. Widening this section of Route 28 provides several Regional benefits by facilitating regional connectivity as it improves the flow of traffic that permeates between several jurisdictions in the Region.

- **How does the project reduce congestion?**

This project reduces existing congestion by adding additional capacity to a Virginia Department of Transportation (VDOT) primary arterial road that currently exist as a four lane undivided road and improving it to a six-lane divided roadway. Also, this project will connect to a future project that involves the relocation of Route 215 (Vint Hill Road) and widening of Route 28 from Linton Hall Road to Fitzwater Drive. This project will compliment future widening projects on Route 28, and along with the other projects the widening of Route 28 will play a critical role in reducing congestion as capacity is increased, meeting the needs of the growing population in Prince William County along the Route 28 corridor.

- **How does project increase capacity? (Mass Transit Projects only) N/A**

- **How does project improve auto and pedestrian safety?**

This project addresses improved auto safety by widening a high speed road and allowing for a median to be constructed. The project also includes intersection improvements at all the intersections within the project limits including additional signals, separation of intersections, and pedestrian improvements at signalized intersections. This project also improves pedestrian safety by constructing a trail and sidewalk, where one does not exist today. As mentioned above, pedestrian improvements will also be made at all signalized intersections. As a result, conditions for both drivers and pedestrians will improve as a result of the project.

- **List internet links below to any additional information in support of this project:**

http://eservice.pwcgov.org/planning/documents/19_Transportation.pdf



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FY 2015-16 PROJECT DESCRIPTION FORM (3K)

Basic Project Information

Submitting Agency: Fairfax County

Project Title: Route 28 Widening (Prince William County Line to Route 29) 3K

Project Type (*check one*):

Roadway (X) Transit ()

VA State Route Number (if applicable) and NVTA Corridor Number (1-8): VA Route 28; NVTA Corridor Number 3

1. **Project Description:** Widen VA Route 28 from 4 to 6 lanes from the Prince William County Line (Bull Run Bridge) to Route 29 in Fairfax County. The project would include intersection improvements and pedestrian/bicycle facilities.
2. **Requested NVTA Funds:** \$5,000,000
3. **Phase(s) of Project Covered by Requested NVTA Funds:** Preliminary engineering and environmental study
4. **Total Cost to Complete Project:** \$47,350,000
5. **Project Milestone -Study Phase:** Start of Study July 2014 – short-term improvement study of entire corridor from Liberia Avenue in Manassas to Route 29 in progress by VDOT. Long-term corridor study including potential alternative routes and upgrades to other routes will follow provided funding is available.
6. **Project Milestone -Preliminary Engineering (30% Design):** Start of PE - December 2016 (Estimated)
7. **Project Milestones -Final Design:** Start of Final Design - June 2018 (Estimated)
8. **Project Milestones -Right-of-Way:** ROW acquisitions completed August 2017 (start) to March 2018 (completion) (Estimated)
9. **Project Milestone – Construction:** Start of Construction - December 2018 to expected completion in December 2020 (Estimated)
10. **Project Milestone – Mass Transit Vehicle Acquisition:** Start of Construction - N/A



Northern Virginia Transportation Authority
The Authority for Transportation in Northern Virginia

11. Is Project in Transaction 2040:
Yes (X) No ()

12. Project in 2010 CLRP: No

13. Project Leverages other Funding: (please state amount)

- Local ()
- State (X)
- Federal ()
- Other:



Stated Benefits

- **What Regional benefit(s) does this project offer?**

The project will reduce congestion on a heavily traveled section of the VA Route 28 corridor, which provides travel within and between three counties in northern Virginia (Prince William, Fairfax, and Loudoun) and the two cities of Manassas and Manassas Park. The project will also improve multi-modal travel by adding pedestrian/bicycle facilities.

Current northbound AM Peak Hour travel time from Manassas Drive (in Manassas Park) to US 29 (in Centreville) ranges between 35 and 60 minutes Monday through Thursday, even without an incident. Similar travel times are typical in the southbound direction in the PM Peak Hour. Traffic queues at various signals along the corridor extend for up to one mile or more. Several large residential developments are currently under construction in Prince William County just south of the Fairfax County line; with the opening of these developments, congestion and delays along Route 28 will continue to increase.

- **How does the project reduce congestion?**

The project will add one lane in each direction to improve through capacity on VA Route 28, which currently carries over 60,000 vehicles per day, at a Peak Hour LOS F. The intersection improvements will improve through travel by eliminating split phase signal timings at five intersections along this section of Route 28. In addition, the project will improve travel times and connections to other corridors such as US Route 29 (Lee Highway) and Route 620 (New Braddock Road) which are alternatives to the I-66 corridor.

- **How does project increase capacity? (Mass Transit Projects only) N/A**

- **How does project improve auto and pedestrian safety?**

By adding capacity and reducing congestion, the project reduces the occurrence of vehicular conflicts. By improving intersections and eliminating split phase signal timings, vehicle conflicts are reduced, making the road safer for both vehicles and pedestrians/bicyclists. Sidewalks and shared-use paths are included in the project scope.

- **List internet links below to any additional information in support of this project:**

The project is in conformance with the Fairfax County Comprehensive Transportation Plan: [Fairfax County Comprehensive Plan 2013 Edition \(as amended*\) - Fairfax County, Virginia](#)

Related TIP Project #6205 VA Route 28 Study, related TIP Project #6208, I-66 @ Rte. 28 Interchange Improvements



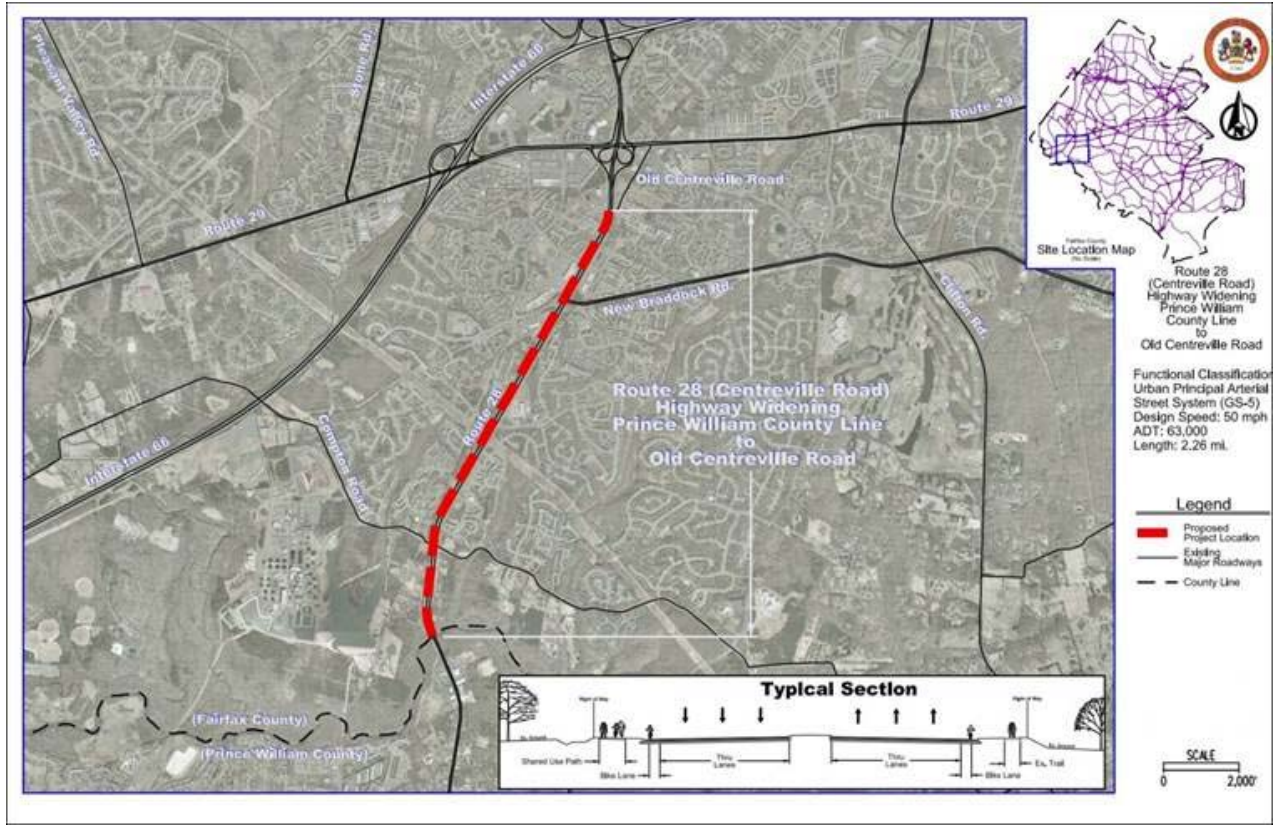
Northern Virginia Transportation Authority
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Route 28 Southbound, South of New Braddock Road



Route 28 Southbound at Compton Road





FY 2015-16 PROJECT DESCRIPTION FORM (3L)

Basic Project Information

Submitting Agency: Fairfax County

Project Title: Frying Pan Road Widening (VA 28 (Sully Road) to VA 657 (Centreville Road)) 3L

Project Type (*check one*):

Roadway (X) Transit ()

VA State Route Number (if applicable) and NVTA Corridor Number (1-8): VA 608 (Frying Pan Road), VA 28 Corridor 3

1. **Project Description:** Frying Pan Road widening project is 0.60 miles in length and is located between VA 28 and Centreville Road. Frying Pan Road is an Urban Minor Arterial with a volume of (14,000 VPD). This project will provide a 4 lane facility linking VA 28 to Centreville Road. Widening this section of Frying Pan Road will help to reduce congestion on adjacent routes accessing the commercial and residential establishments on nearby properties and improves access to the future Silver Line Metrorail Stations and Dulles Airport. This project will include intersection turn lane improvements and signalization as well as pedestrian and bicycle facilities. Currently the sections of Frying Pan Road which are adjacent to this 2 lane section have 4 lanes.
2. **Requested NVTA Funds:** \$6,150,000
3. **Phase(s) of Project Covered by Requested NVTA Funds:** Preliminary engineering and environmental analysis
4. **Total Cost to Complete Project:** \$41,000,000
5. **Project Milestone -Study Phase:** Start of Study - FY 2016
6. **Project Milestone -Preliminary Engineering (30% Design):** Start of PE FY 2017
7. **Project Milestones -Final Design:** Start of Final Design - To Be Determined (TBD)
8. **Project Milestones -Right-of-Way:** ROW acquisitions completed - To Be Determined (TBD)
9. **Project Milestone – Construction:** Start of Construction - To Be Determined (TBD)
10. **Project Milestone – Mass Transit Vehicle Acquisition:** Start of Construction - N/A



11. Is Project in Transaction 2040:

Yes (X) No ()

12. Project in 2010 CLRP: No

13. Project Leverages other Funding: (please state amount)

- Local ()
- State ()
- Federal ()
- Other:



Stated Benefits

- **What Regional benefit(s) does this project offer?**
Widening this section of Frying Pan Road will help to reduce congestion on adjacent routes accessing the commercial and residential establishments on nearby properties. This project improves access to the future Silver Line Metrorail Stations and Dulles Airport. This project will include intersection turn lane improvements and signalization as well as pedestrian and bicycle facilities. These improvements will help to better manage the traffic between Fairfax County, Loudoun County and the Town of Herndon. Currently the sections of Frying Pan Road which are adjacent to this 2 lane section have 4 lanes.
- **How does the project reduce congestion?**
This project will reduce congestion by providing a consistent 4 lane facility for the entire length of Frying Pan Road, eliminating the existing "bottleneck." Currently this section of Frying Pan Road is two lanes wide with 4 lane sections on either side. The project will also provide signalization and turn lanes at critical intersections as well as including bicycle and pedestrian facilities and improvements in the corridor.
- **How does project increase capacity? (Mass Transit Projects only)**
- **How does project improve auto and pedestrian safety?**
This project will widen this section of Frying Pan Road bringing the lane widths to standards. The project will include a raised median which will provide for a positive barrier between opposing directions of traffic. The project will also provide both pedestrian and bicycle facilities, which reduces the likelihood of vehicle and pedestrian conflicts.
- **List internet links below to any additional information in support of this project:**
This project is in conformance with the Fairfax County Comprehensive Transportation Plan: [Fairfax County Comprehensive Plan 2013 Edition \(as amended*\) - Fairfax County, Virginia](#)