

City of Manassas
Department of Community Development
Department of Engineering
May 18th 2023

Virtual Public Information Meeting

New Bike & Pedestrian Improvement Projects

- Sudley Road Bike Facilities (Planning)

Bike & Pedestrian Improvement Project Updates

- Dumfries Road Bike Facilities (Planning)
- Godwin Trail – North (Planning)
- Sudley Road Sidewalk (T-094)
- Longstreet Drive Sidewalk (T-084)
- Wellington Rd. Trail (T-088)
- Dean Park Enhancements (C-017)
- Centreville Road / Liberia Ave. Intersection Improvements (T-046)
- Gateway Blvd. Sidewalk (T-083)
- Godwin Drive Shared Use Path – South (T-059)

Reunión virtual de información pública

Nuevos Proyectos de mejoras para ciclistas & peatones

- Instalaciones para bicicletas de la calle Sudley (planificación)

Proyectos de mejoras para ciclistas & peatones

- Instalaciones para bicicletas de la carretera Dumfries (planificación)
- Sendero de la calle Godwin – Norte (Planificación)
- Acera de la calle Sudley (planificación)
- Acera de la calle Longstreet (T-088)
- Sendero de la calle Wellington (T-088)
- Mejoras del parque Dean (C-017)
- Mejoras de la intersección de la avenida Liberia y la calle Centreville (T-046)
- Acera del Bulevar Gateway (T-083)
- Camino de uso compartido de la calle (T-059)



Transportation Planning Program

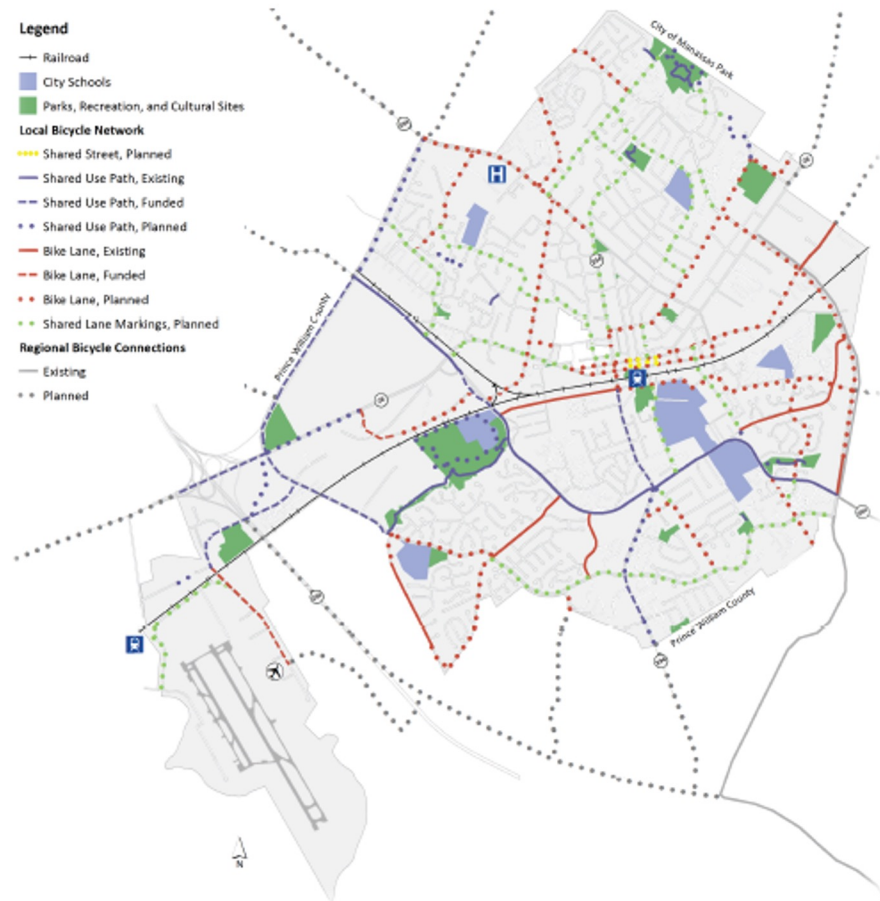


- Top Priority in 2016
- Creation of Transportation Planning Program in Community Development in 2017.
- City's first Transportation Master Plan in 2019
- 2040 Comprehensive Plan adopted in Feb 2020



Comprehensive Plan – Mobility Chapter

Bike Network Plan



Pedestrian Network Plan



Where do Projects Come From?

Comprehensive Plan – Mobility Chapter

Table 6.1 - Key Transportation Projects

Project #	Name & Description	Project Total Cost Estimate¹	Notes
1	Virginia Railway Express Broad Run Station expansion and third track from Broad Run Station to Wellington Rd.	\$110,700,000	
2	Virginia Railway Express Manassas Station platform extension	\$9,125,000	
3	OmniRide bus routes enhancement & hub relocation	\$500,000	
4	Improve Liberia Ave. & Rt. 28 Intersection and widen eastbound Liberia Ave. to three lanes up to Euclid Ave.	\$3,665,000	CIP Project T-046 - Phase 2
5	Convert signalized intersection to roundabout at Rt. 28 & Sudley Rd.	\$3,740,000	CIP Project T-085
6	Improve Liberia Ave. & Prince William Pkwy./Hastings Dr. intersection	TBD	Need for additional study to determine scope and cost
7	Improve Wellington Rd. & Dumfries Rd./Grant Ave. intersection	\$250,000	Included in CIP Project T-021
8	Widen Godwin Dr. to six lanes from Sudley Rd. to Nokesville Rd.	\$40,735,000	Coordinate with Rt. 28 Corridor roadway improvements (Godwin Drive extension)
9	Construct shared-use path on Dumfries Rd. from Wellington Rd. to Hastings Dr.	\$2,460,000	
10	Add bike facilities on Sudley Rd. from Godwin Dr. to Grant Ave.	\$4,880,000	
11	Construct shared-use path on Grant Ave. from Prince William St. to Wellington Rd.	\$850,000	CIP Project T-021
12	Add bike lanes on Center St. & Prescott Ave. from Church St. to Quarry Rd.	\$100,000	Need for additional study after completion of Rt. 28 Corridor roadway improvements (Godwin Dr. extension)
13	Add bike lanes on Grant Avenue from Portner Ave. to Prince William St.	\$100,000	
14	Add bike facilities (sharrows and shared-use path) on South Grant Ave. from Orchard Ln. to Wellington Rd.	\$450,000	
15	Construct sidewalk on one side of Jackson Ave. from Sudley Rd. to Weir St.	\$735,000	
16	Improve pedestrian safety and access along the Fairview Ave. corridor	\$1,245,000	
17	Conduct pedestrian safety study and improvements at the intersection of Zebedee St./Quarry Rd./ Centreville Rd.	TBD	Need for additional study to determine scope and cost
18	Construct sidewalk on south side of Mathis Ave. from Main St. to Maple St.	\$395,000	Need for additional study to determine scope and cost
19	Construct sidewalk on north side of Sudley Rd. from Grant Ave. to Mathis Ave.	\$1,000,000	
20	Citywide traffic signal optimization and software/equipment upgrade	\$500,000	
21	Citywide multimodal wayfinding project	TBD	Need for additional study to determine scope and cost

Transportation Master Plan

Citywide Transportation and Mobility Master Plan –
Appendix D: Pedestrian Network Recommendations Prioritization Matrix
City of Manassas, 2020

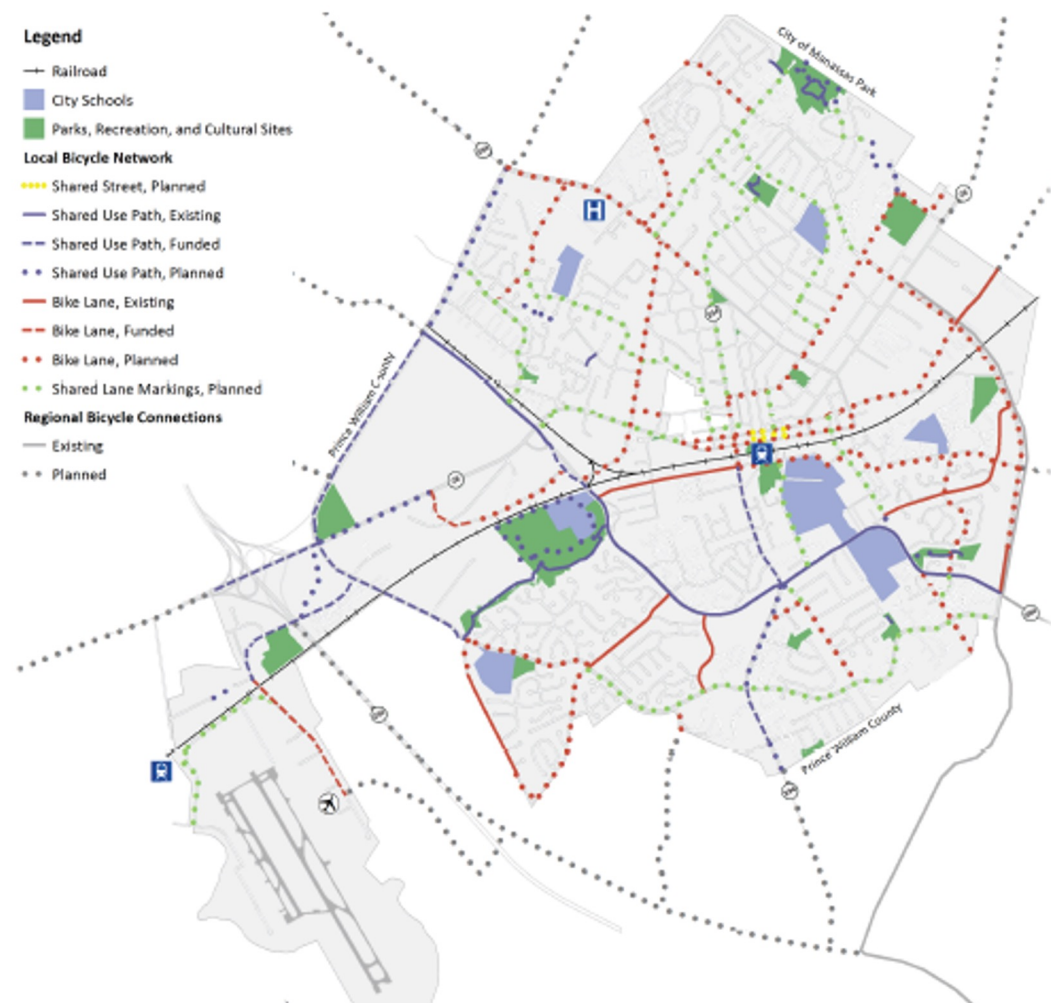
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							PRIORITIZATION CRITERIA														
Improvement Category	Street	Street Typology	Limits	Length (ft)	Length (mi)	Description	Access and Connectivity						Safety and Comfort			Equity			Total Score		
							Access to Schools	Access to Parks	Access to Transit (rail)	Access to Transit (bus)	Access to Food	Connectivity	sum	Known safety hazard	Speed limit >= 35 mph	sum	Auto Ownership	Low Income		65 +	
Sidewalk	Jackson Avenue	Neighborhood Street	Sudley Road to Weir Street	874	0.2	Construct sidewalk on one side of street.	2.5	1	0.5	0	1	0.5	5.5	0	0	0	1	0	1	2	7.5
Sidewalk	Richmond Street	Neighborhood Connector	Signal Hill Road to Fairview Avenue	3,390	0.6		3	1	0.5	0	1	1	6.5	0	0	0	1	0	0	1	7.5
Intersection Safety Improvements	Zebedee Street/Quarry Road/Centreville Road	Urban Street & Mixed Use Street & Urban Street	N/A	N/A	N/A	Conduct pedestrian safety design study.	0.5	1	0.5	0.5	1	1	4.5	1	0	1	1	0	1	2	7.5
Sidewalk	Mathis Avenue	Neighborhood Connector	Main Street to Maple Street	1,060	0.2	Construct Sidewalks on south side of street.	0	1	0.5	0.5	1	1	4	1	0	1	1	0	1	2	7
Sidewalk	Sudley Road	Collector/Connector	Grant Avenue to Mathis Avenue	3,661	0.7	Construct sidewalk on north side of street.	0.5	1	0.5	0	1	1	4	1	0	1	1	0	1	2	7
Sidewalk	Tudor Lane	Neighborhood Street	Fairview Avenue to Old Lewis Court	557	0.1	Construct sidewalk on one or both sides of the street, connection to Old Lewis Court.	3	1	0.5	0	1	0.5	6	0	0	0	1	0	0	1	7
Sidewalk	Lake Jackson Drive	Neighborhood Connector	Wellington Road to Hastings Drive	754	0.1	Construct sidewalk on west side of street.	0.5	1	0	0	1	1	3.5	1	0	1	1	1	0	2	6.5
Intersection Safety Improvements	Sudley Road	Collector/Connector	Grant Avenue to Mathis Avenue	N/A	N/A	Corridor-level pedestrian safety study to determine best places to improve crossings.	0	1	0.5	0	1	1	3.5	1	0	1	1	0	1	2	6.5
Off-Street Path	Wellington Road	Collector/Connector	NokesvilleRd/Wellington Rd Connector to Prince William Street	2,881	0.5	Extend Shared Use Path across railroad.	2.5	1	0.5	0	0	1.5	5.5	N/A	N/A	0	1	0	0	1	6.5
Sidewalk	Wilson Avenue	Neighborhood Street	Portner Avenue to Weems Road	835	0.2	Construct sidewalk on one side of street.	2.5	0	0.5	0	1	0.5	4.5	0	0	0	1	0	1	2	6.5

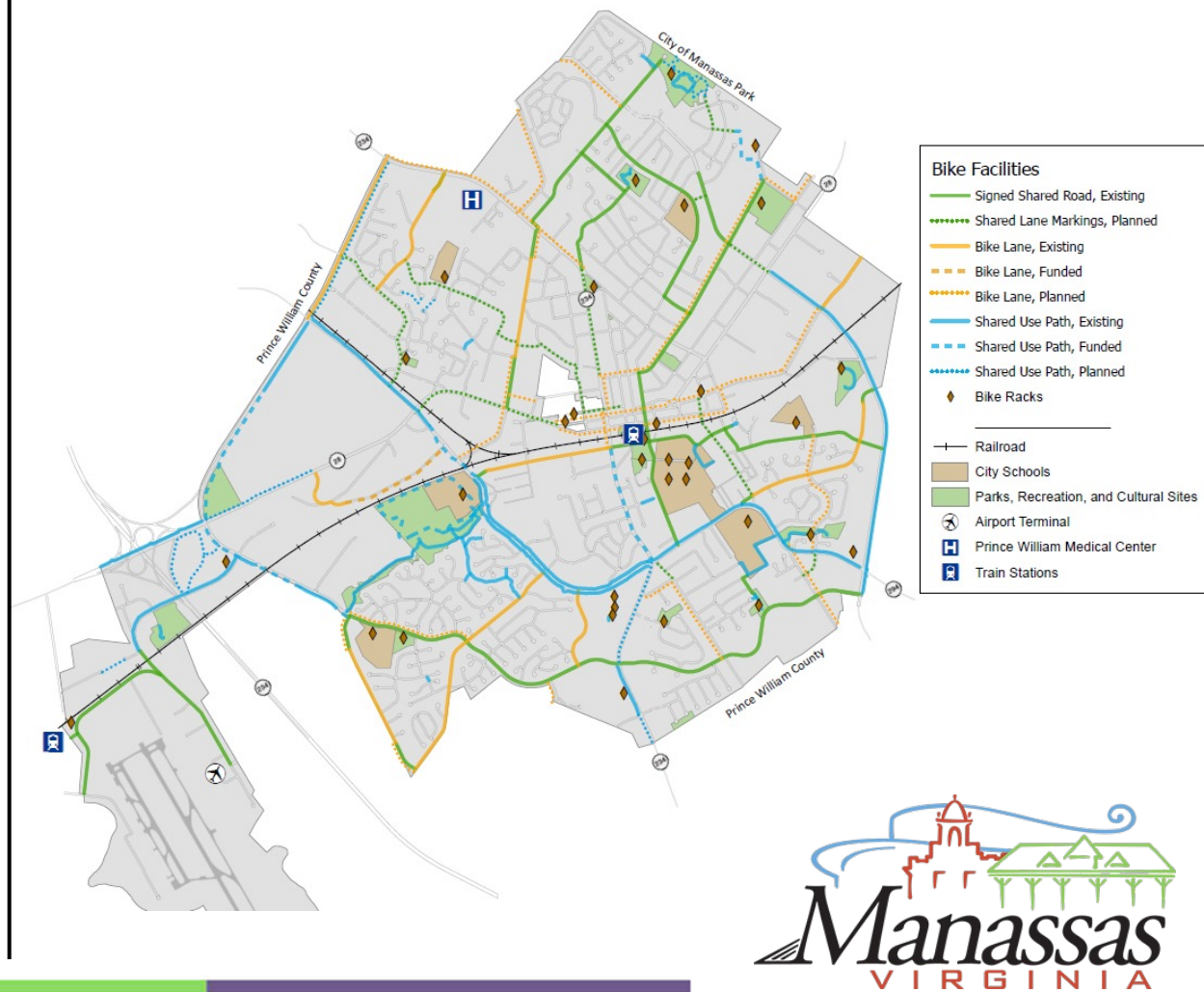


Bike Network Expansion













Bike Network Plan



Existing Bike Network



Bike Facilities

-  Signed Shared Road, Existing
 -  Bike Lane, Existing
 -  Bike Lane, Funded
 -  Shared Use Path, Existing
 -  Shared Use Path, Funded
 -  Bike Racks
-
-  Railroad
 -  City Schools
 -  Parks, Recreation, and Cultural Sites
 -  Airport Terminal
 -  Prince William Medical Center
 -  Virginia Railway Express

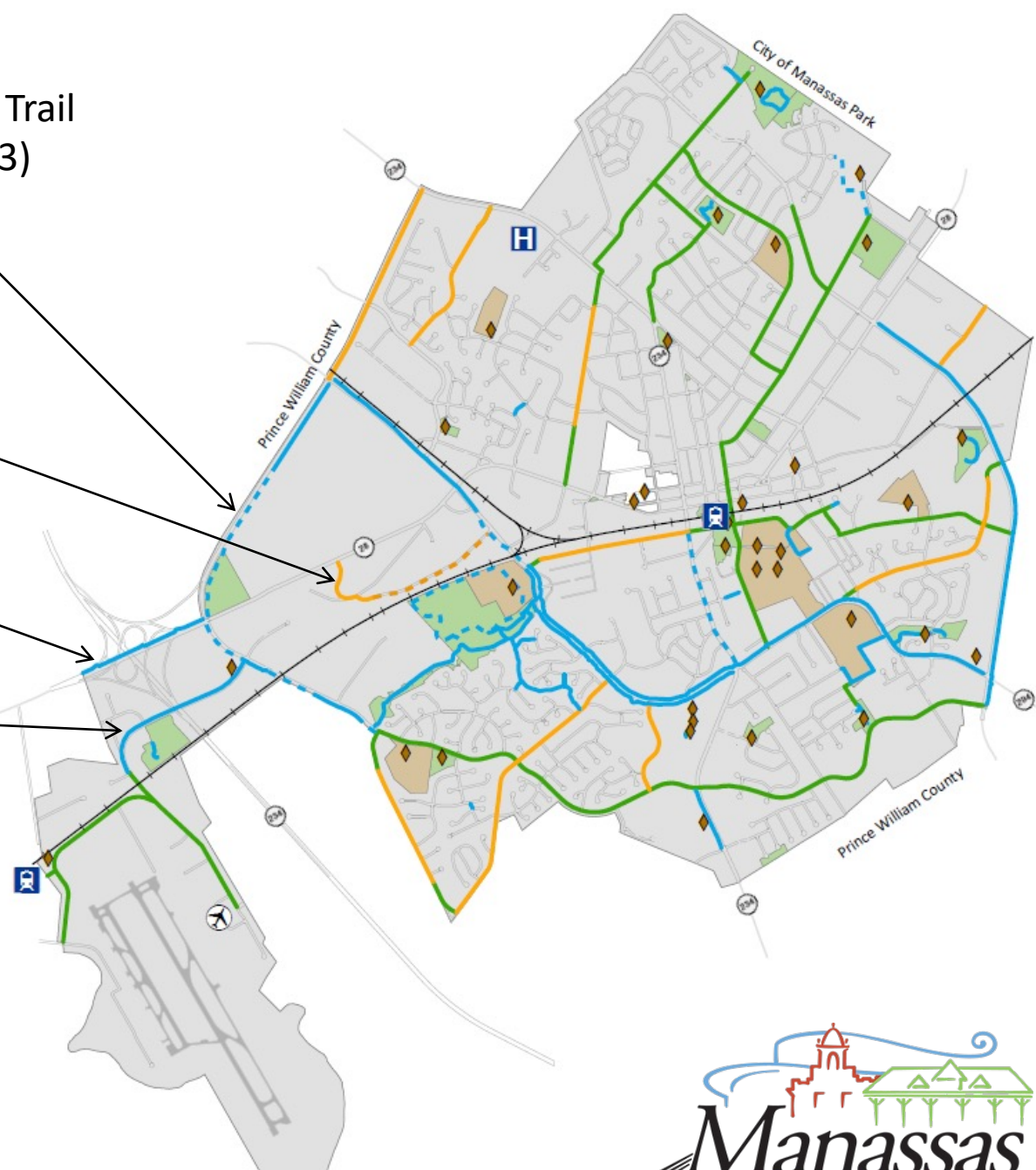
T-059 Godwin Trail
(Spring 2023)

T-030 Dean Drive Bike
Lanes

T-042 Nokesville Trail

T-083 Gateway Trail

Recently Completed
Bike/Ped Projects (FY23)

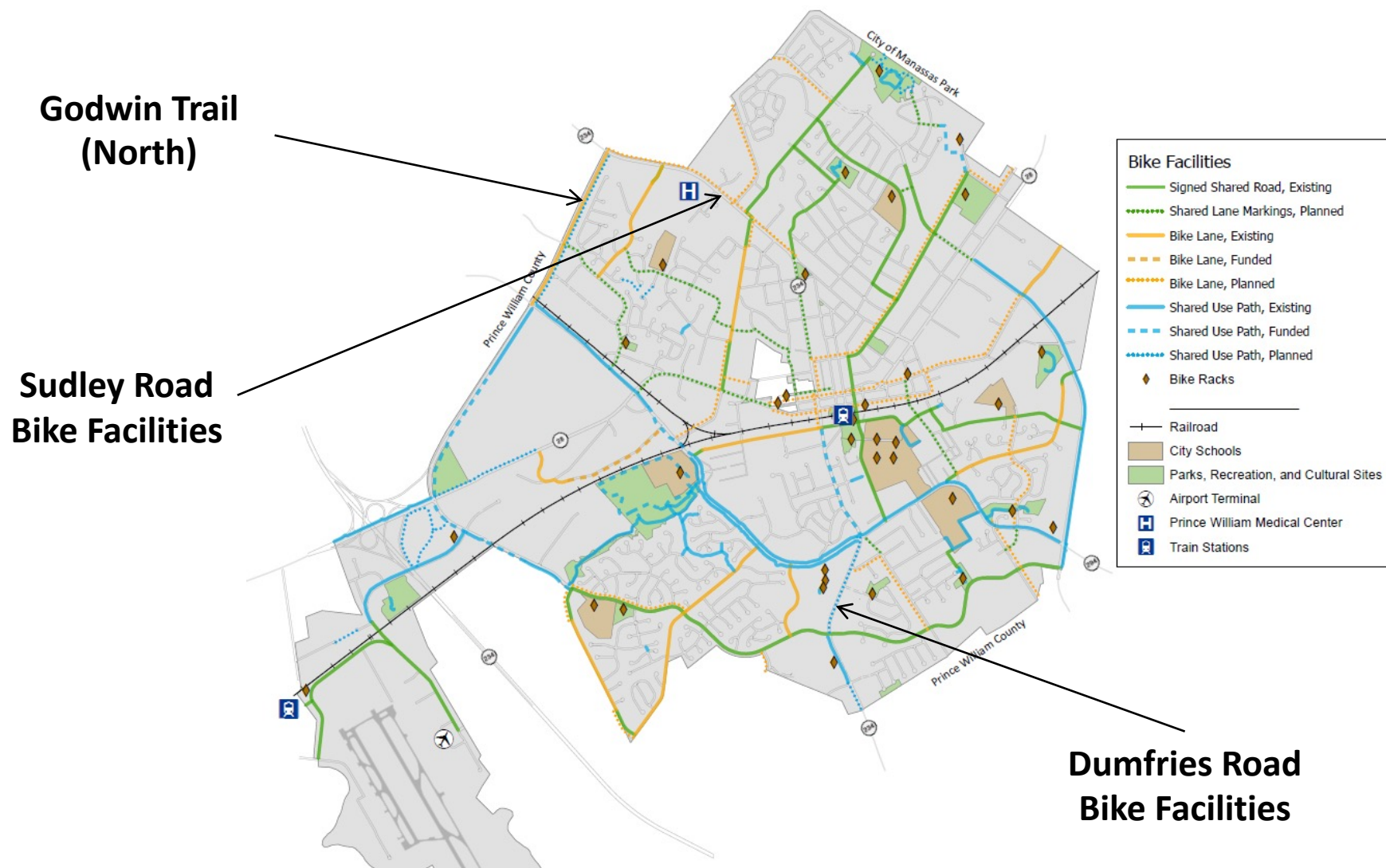


Other recently completed bike & pedestrian initiatives

- Quarry Streetscape Sidewalk
- 98 bike racks - 10 bike lockers – 1 repair station installed since 2017
 - 30 new bike racks coming Jul/Aug 2023
- Request a bike rack/sidewalk & trail connection via the Manassas Connect App



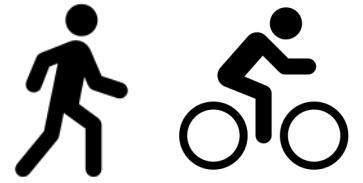
Upcoming bike & pedestrian facilities (Planned)



New
Project!

Sudley Road Bike Facilities (Planning)

 We want your
feedback!



Project Description:

- New 1.2 mile bike connection on the west side of Sudley Road between Godwin Drive and Grant Avenue.
- Connections to employment centers, Prince William Hospital, existing/future bike & trail network
- Three Alternatives:
 - **A.1:** Shared Use Path between Godwin Drive and Grant Avenue
 - **A.2:** Shared Use Path between Godwin Drive and Stonewall Road
 - **E:** Off-Street Bike Lanes between Prince William Hospital and Stonewall Road, with Shared Use Path on both ends of the corridor



More info & Survey coming soon:

www.manassasva.gov/sudleybike

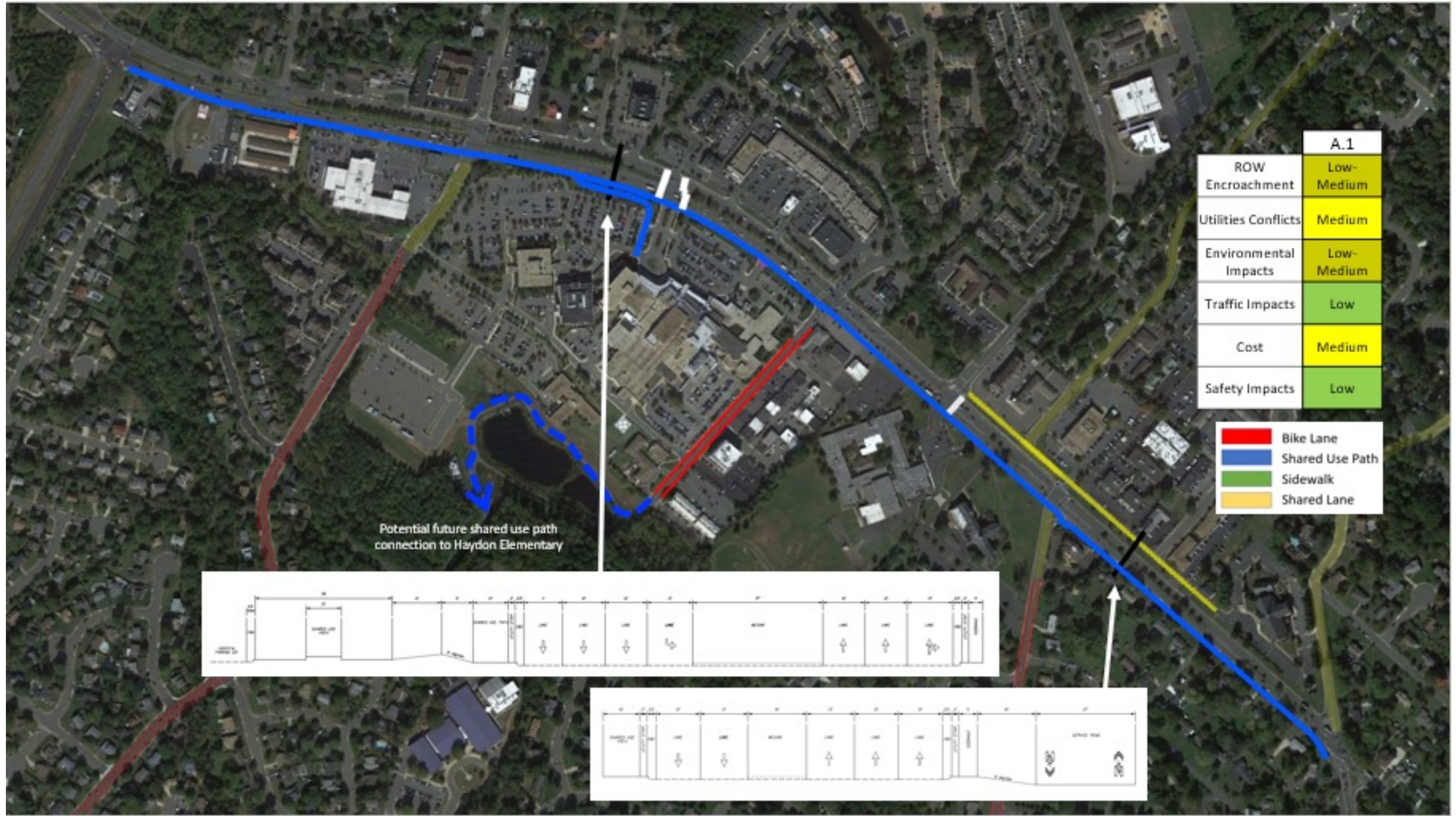
Project Manager:

Brian Leckie



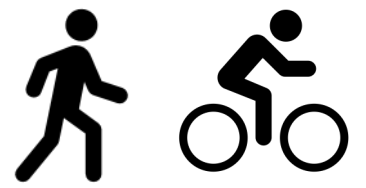
New
Project!

Sudley Road Bike Facilities (Planning)



New
Project!

Sudley Road Bike Facilities (Planning)

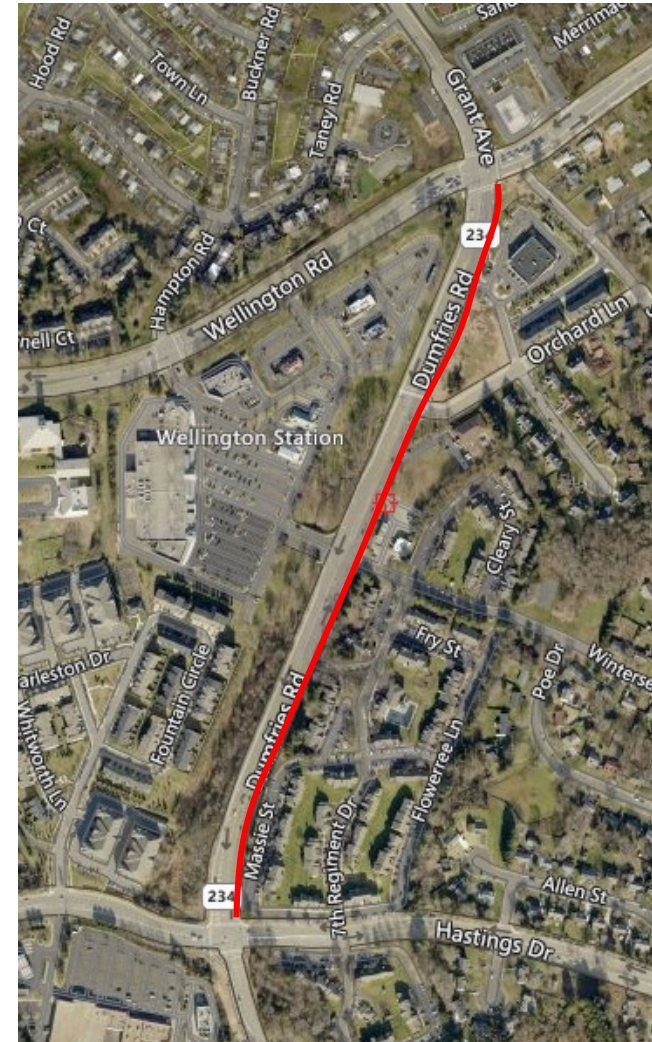


Dumfries Road Bike Facilities (Planning)



Project Description:

- New 0.5 mile bike connection between Wellington Road and Hastings Drive.
- Project Cost: \$260K – 560K
- 3 alternatives



Dumfries Road Bike Facilities (Planning)



Impacts:

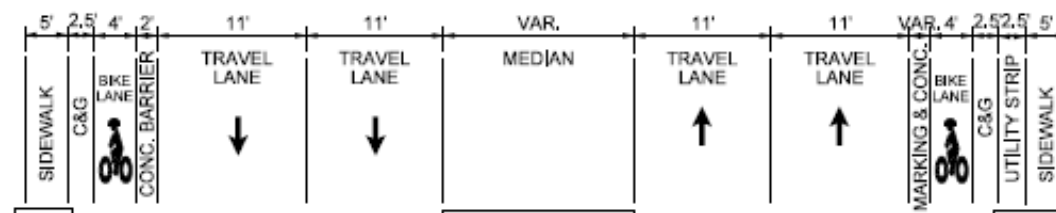
- **Alternative D** impacts the median to provide protected bike lanes which results in higher cost (\$560K)
- **Alternative E.1** does not impact the median to provide a cycle-track which results in lower cost (\$260K)
- **Alternative E.2** provides an hybrid concept to simplify the conflict at the intersection of Wellington Road and Dumfries Road (\$350K)

More info & Survey:

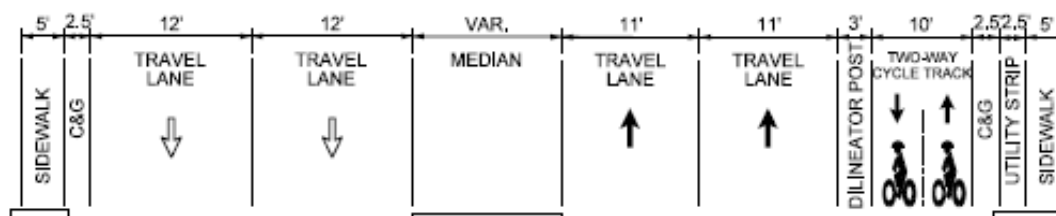
www.manassasva.gov/dumfries

Project Manager:

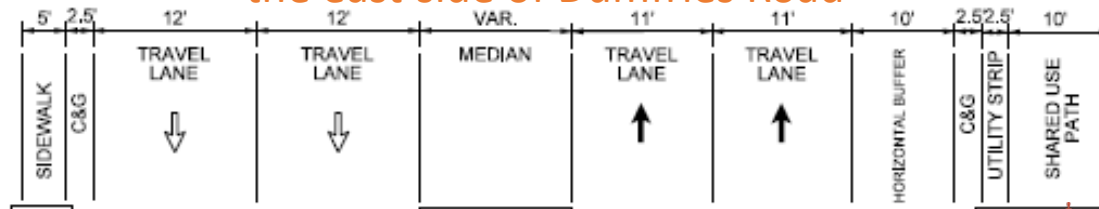
Brian Leckie



Alt D: Protected bike lanes between Wellington Road and Hastings Drive.



Alt E1: Buffered two-way cycle track on the east-side of Dumfries Road



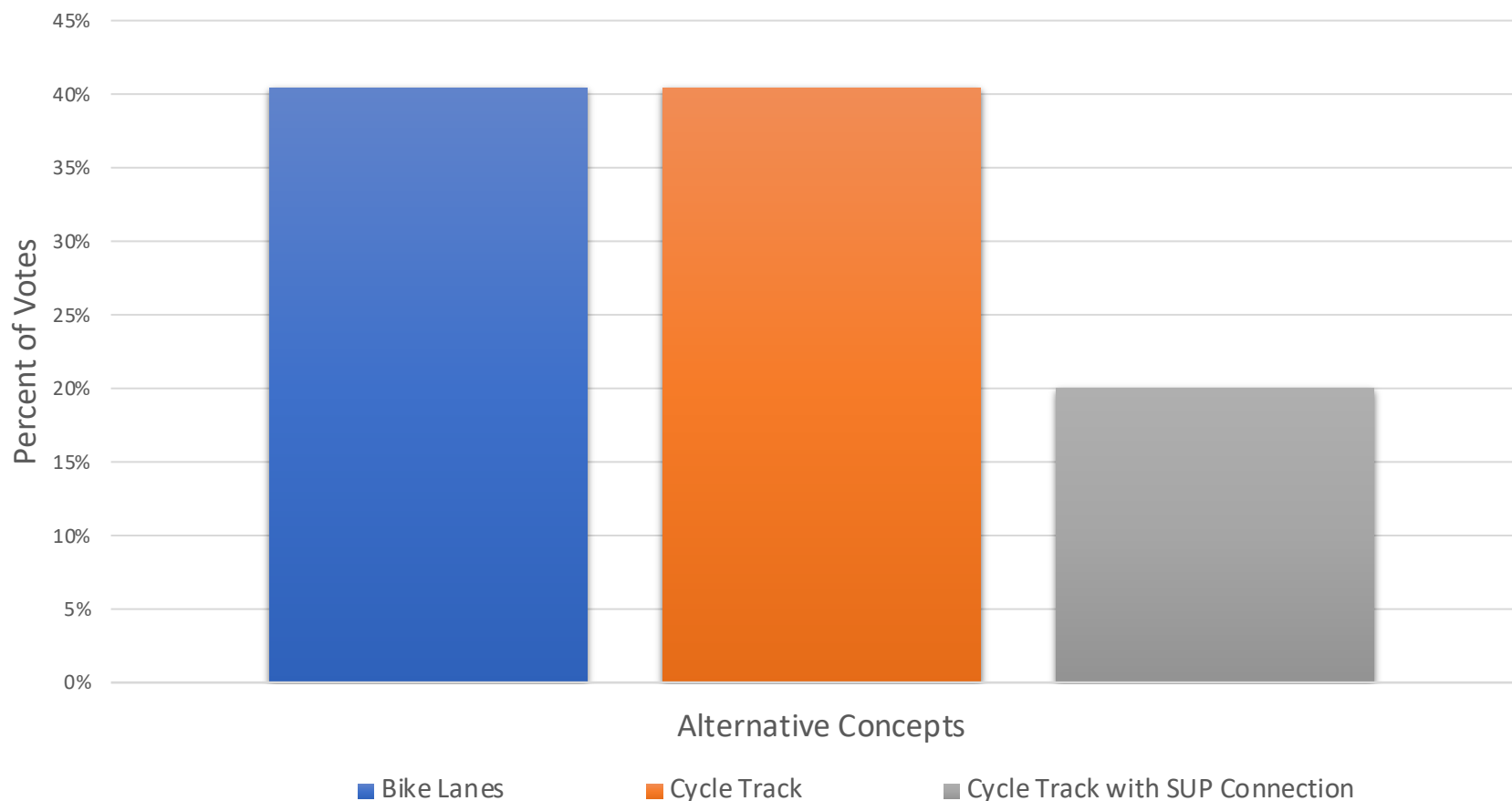
Alt E2: Buffered two-way cycle track on the east-side of Dumfries Road/shared use path



Dumfries Road Bike Facilities (Planning)



Public Voting Summary

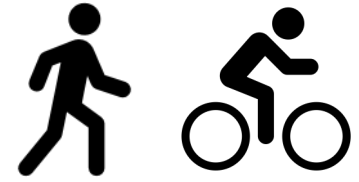


***We want your
feedback!***

www.manassasva.gov/dumfries



Godwin Trail – North (Planning)



Project Description:

- New 10-foot wide, 0.9 mile shared-use path on the east-side of Godwin Drive between Wellington Road and Sudley Road.
- Pedestrian improvements at Ashton Ave. and Godwin Drive
- Recommended by VDOT for Smart Scale funding

Project Cost: \$11.9M

More info & Comments

www.manassasva.gov/godwin

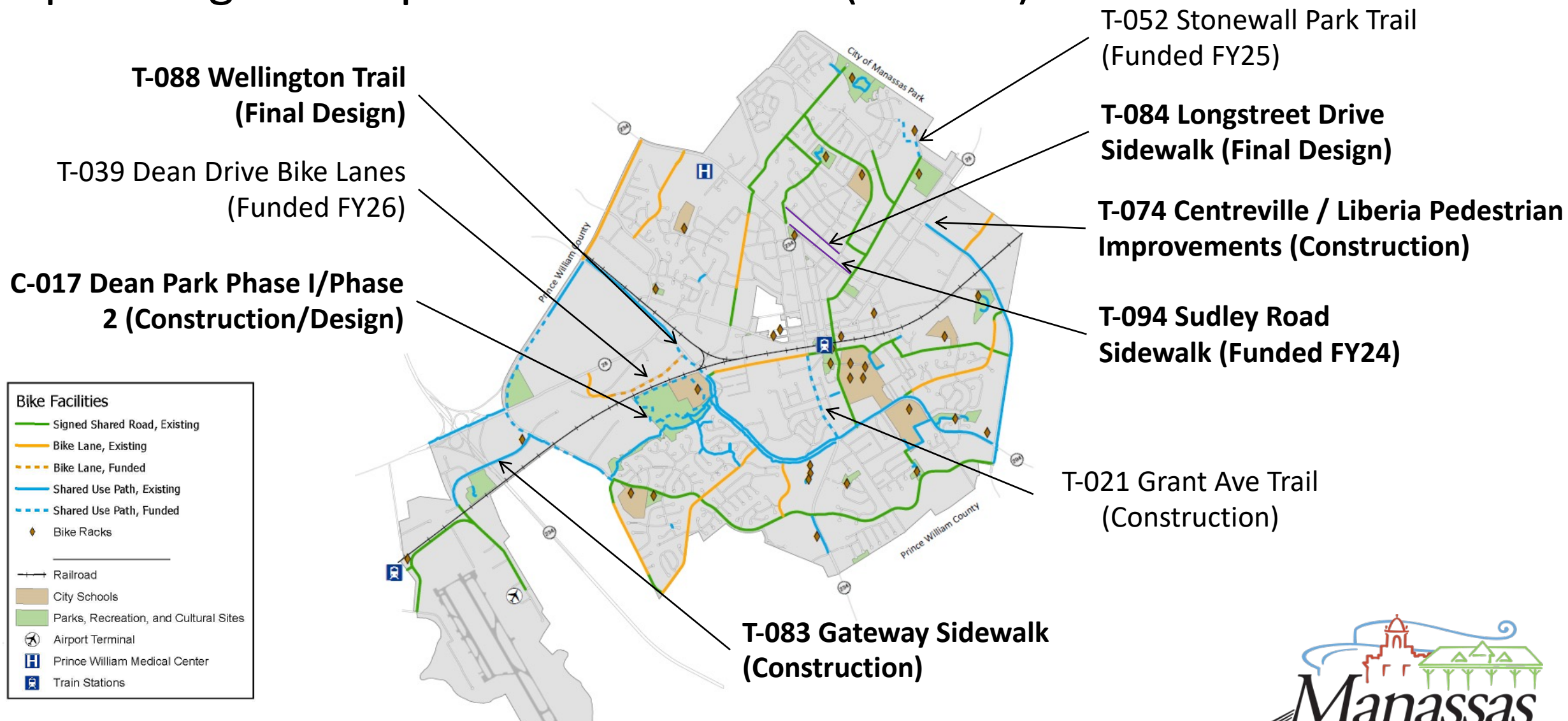


Project Manager:

Brian Leckie



Upcoming bike & pedestrian facilities (funded)



Sudley Road Sidewalk



Project Description:

- New 0.7 mile sidewalk with 6' buffer on the east side of Sudley Road between Mathis Avenue and Grant Avenue.
- 5' from Grant Ave. to Portner Ave. and 6' from Portner Ave. to Mathis Ave.
- Design beginning July 2023

Project Cost: \$3.9M

Project Manager:

Brian Leckie



Longstreet Drive Sidewalk (& Waterline)



Project Description:

- New 0.6 mile sidewalk on the west side of Longstreet Drive between Grant Avenue and Weems Road, and on the north side of Weems Road from Longstreet Drive to Sudley Road.

Project Cost: \$6.15M

Schedule by Project Phase	
ROW Acquisition	Begin Summer 2023
Construction	Begin Fall 2023
Project Manager:	Mike Nicholson



Wellington Trail (90% Design)



Project Description:

- 10' wide Shared Use Path between Nokesville Road Access Road and Prince William Street
- Approx. 1,800' in length
- Two, 6' wide at-grade Railroad Crossings

Project Cost: \$1.2M



Schedule by Project Phase	
Design	Began July 2021
ROW Acquisition	Begin Summer 2023
Construction	Begin Summer 2024
Project Manager:	John Keenan, PE



Dean Park Enhancements



Project Description

- 10' wide asphalt trail around the perimeter of new sports fields
- Two new rectangular grass fields with lighting
- Improvements to park amenities, parking, and stormwater management
- Includes educational trail signage

Project Cost: \$9.6M



Schedule by Project Phase	
Design	Complete Spring 2023
Construction	Begin Summer 2023
Project Manager:	Lance Kilby, PE

Gateway Blvd. Sidewalk (Construction)



Project Description:

- New ADA compliant 2,332 linear feet, 5—foot wide sidewalk along the south-side of Gateway Boulevard.
- Increased pedestrian and bicycle safety.
- New walking and biking connections for residents and businesses in the Gateway/Airport area.

Project Cost: \$1M



Schedule by Project Phase	
Design	Completed Fall 2021
ROW Acquisition	Completed Spring 2022
Construction	Begin Summer 2023
Project Manager:	Lance Kilby, PE



Godwin Drive Shared-Use Path (Construction)

Project Description:

- Two-way bicycle and pedestrian shared use path (8'-10' wide)
- From Wellington Road to Winters Branch Trail (approx. 1.5 miles)
- At-Grade Railroad Crossing

Project Cost: \$1.7M

Schedule by Project Phase	
Design	Completed Fall 2021
ROW Acquisition	Completed Spring 2022
Construction	Begin Summer 2022
Project Manager:	Sung Jin Chung, PE



Existing Shared Use Path by Others

Shared Use Path under Construction

Proposed Shared Use Path by Others (Use Caution!)



Godwin Drive Shared Use Path (Construction)



Bike to Work Day (May 19)

- <https://www.biketoworkmetrodc.org/register>
- Pit stop is at the Manassas VRE Station
- Ride to the pit stop with City Staff (8:00am at Boys & Girls Club)

Mayor on the Move (April 9 – June 25)

- Join the mayor on Saturday mornings to ride/walk around the Historic Downtown
- Meet at 8:30 am at Osbourn High School Parking Lot

New Bike Map! Available June 2023

Bike Friendly Community Award Status (Soon!)

Mayor on the Move
with
Mayor Michelle Davis-Younger

Join the Fun

Come ride or walk with the Mayor on Saturday mornings at 8:30 a.m. from April 9 - June 25 beginning at Osbourn High School around Historic Downtown and ending at the Manassas Farmer's Market

Meet in the Osbourn Parking Lot and be Ready to walk or ride



Questions?

- Sudley Road Bike Facilities (Planning)
- Dumfries Road Bike Facilities (Planning)
- Godwin Trail – North (Planning)
- Sudley Road Sidewalk (T-094)
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- Centreville Road / Liberia Ave. Intersection Improvements (T-046)
- Gateway Blvd. Sidewalk (T-083)
- Godwin Drive Shared-Use Path – South (T-059)

Questions, Comments, Concerns?



Questions and Comments are Welcome

Please contact the following individuals:

Brian Leckie <bleckie@manassasva.gov>

Sung Jin Chung <schung@manassasva.gov>

John Keenan <jkeen@manassasva.gov>

Links to project webpages for more information:

www.manassasva.gov/sudleybike

www.manassasva.gov/sudleysidewalk

www.manassasva.gov/dumfries

www.manassasva.gov/godwin

www.manassasva.gov/trails

www.manassasva.gov/tmp

www.manassasva.gov/compplan

