

Proposed FY 20–21 Two Year Transportation Program

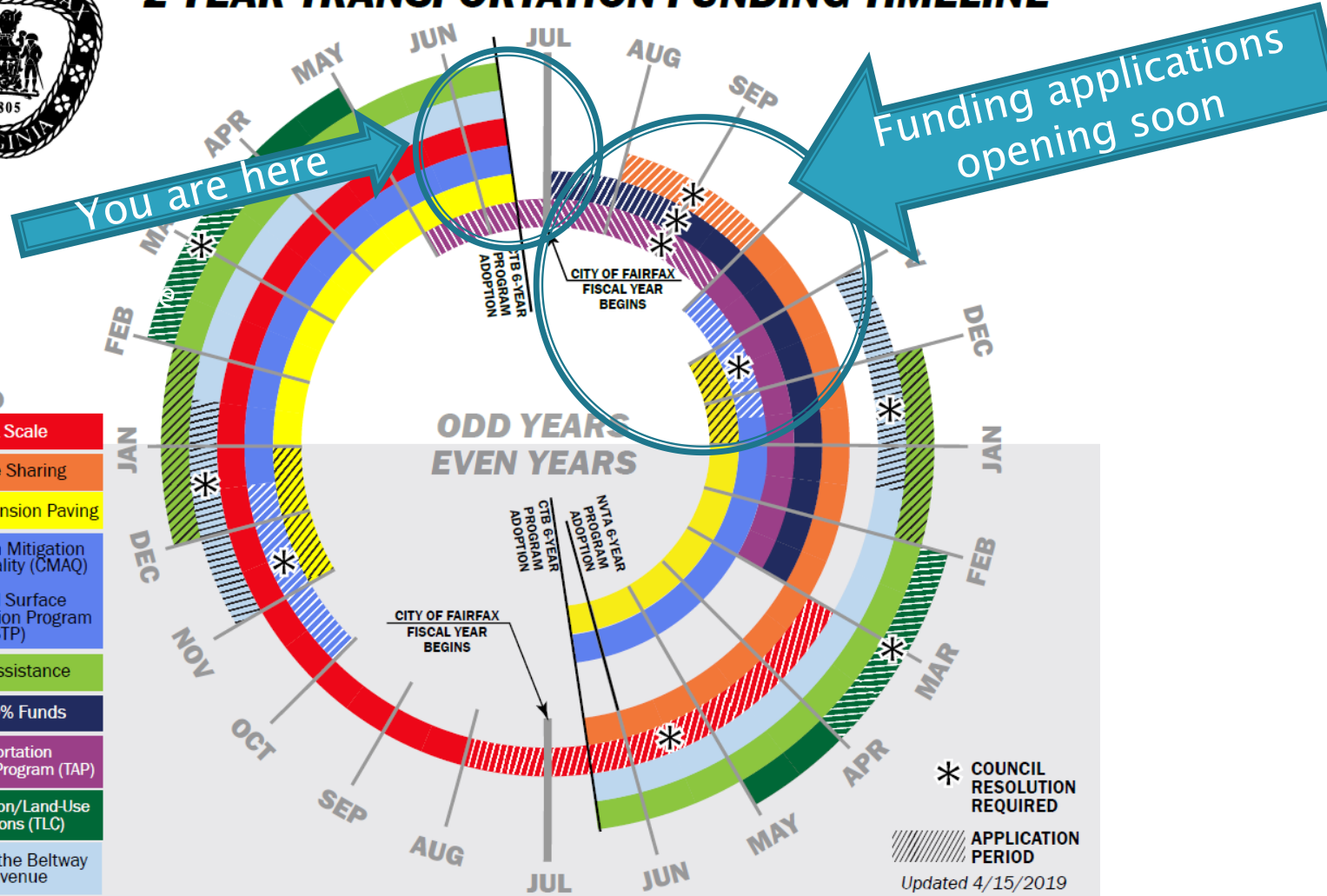
June 25, 2019
City Council Work Session




2-YEAR TRANSPORTATION FUNDING TIMELINE

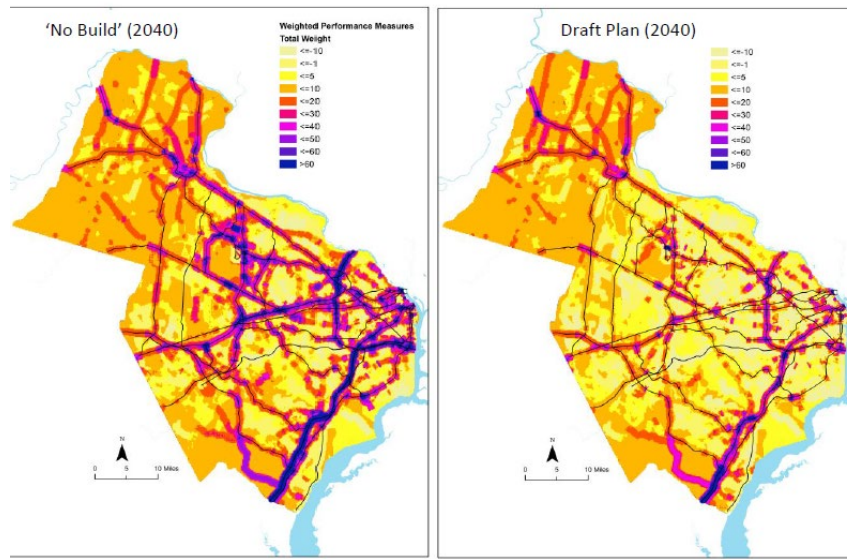
LEGEND

Smart Scale
Revenue Sharing
Primary Extension Paving
Congestion Mitigation and Air Quality (CMAQ)
Regional Surface Transportation Program (RSTP)
Transit Assistance
NVTA 70% Funds
Transportation Alternatives Program (TAP)
Transportation/Land-Use Connections (TLC)
I-66 Inside the Beltway Toll Revenue



Upcoming Funding Applications

- ▶ Upcoming applications for FY 21–27 projects
 - ▶ What are the City's transportation priorities for the next ten years?
 - Comprehensive Plan Implementation Guide identifies priorities for short and long term
 - Proposed Two Year Transportation Program comprised of projects on this list
- 



Vision for Transportation

In 2035, Fairfax is a city with options for residents to easily, safely, and efficiently move within and between neighborhoods either by walking, bicycling, taking public transportation, or driving.



Performance Metrics

The Fairfax Multimodal Transportation Plan seeks to provide the framework for a system that serves the values of the community and achieves the key goals of the plan. Attainment of the overall vision will be measured against four key targets to be achieved by 2035:

Create a city of “**15-minute neighborhoods**” – ensure that 100% of residents can access a local activity center via a safe 15-minute walk from home (currently 44%).



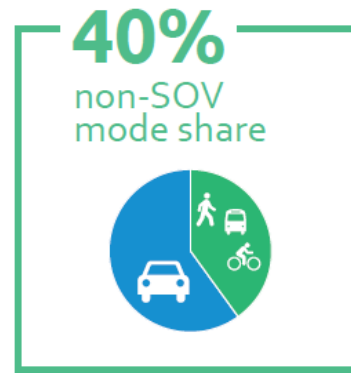
Ensure 100% of residents are **connected to green space**, trails, or open space via a safe 15-minute walk of home (currently 88%).




Ensure 100% of residents **have access to transit** by providing a transit stop within a safe 10-minute walk of each residence (currently 79%).



Increase **choice, reliability, and efficiency** in travel by achieving at least a 40% non-drive alone mode share for commute to work trips (currently 28%).



FY 20/21 Project Priorities

1. Projects with partial funding
 2. Projects with concept planning complete and now ready for implementation
 3. New projects
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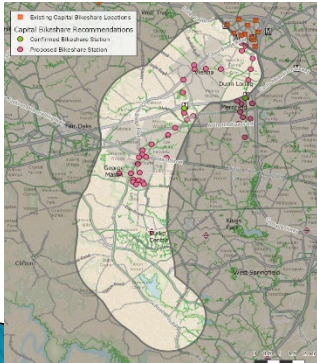
Projects with Partial Funding

- ▶ Eaton Place/Chain Bridge Road Intersection (\$10.7M)
- ▶ Old Lee Highway Multimodal Improvements (\$14M)
- ▶ Government Center Parkway Extension (\$3.1M)
- ▶ Old Town Sidewalk Widening (\$0.5M)
- ▶ Northfax West (\$4.7M)




Projects with Concept Planning

- ▶ Bike Share Implementation
- ▶ Main Street Streetscape
- ▶ Micromobility Network Plan
- ▶ Sager Ave Culvert

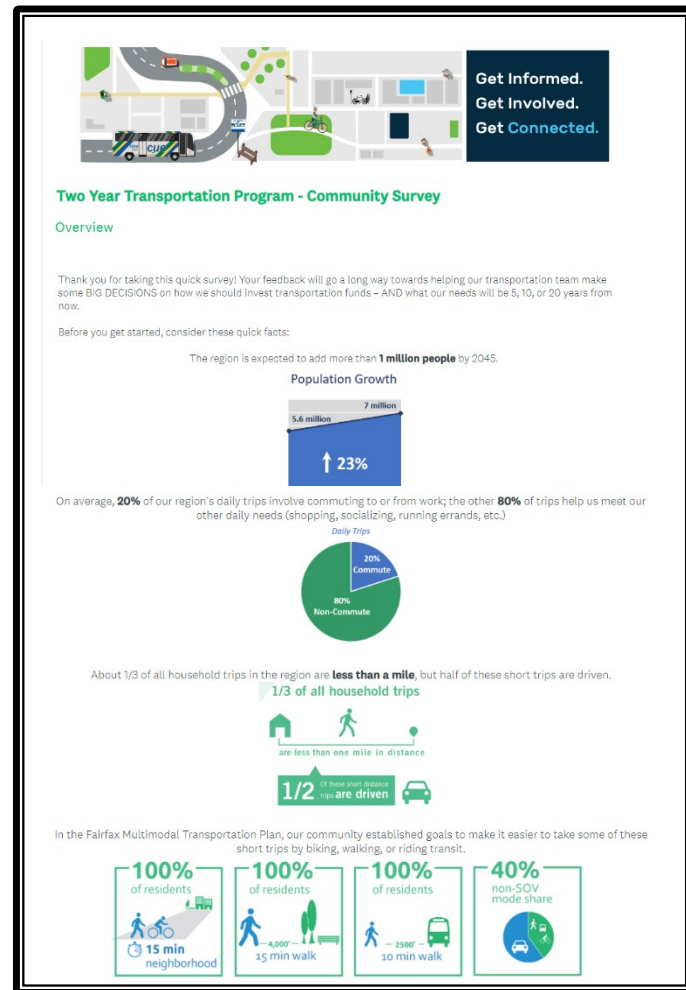


New Projects


- ▶ So many ideas!
 - ▶ Too many to fund over the next few years
 - ▶ Need to prioritize projects based on need and potential funding
 - ▶ Sought feedback from community to inform recommendations
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Survey Results

- ▶ Open for one month
- ▶ 406 respondents
 - 382 (94%) answered all questions
- ▶ 87% City residents
- ▶ 13% non-residents who live or work nearby



Survey Background

- ▶ Focused on regional projects in order to inform funding applications
 - ▶ Local projects can also be pursued, but those allocations do not require the same level of advance planning and there is much less funding available
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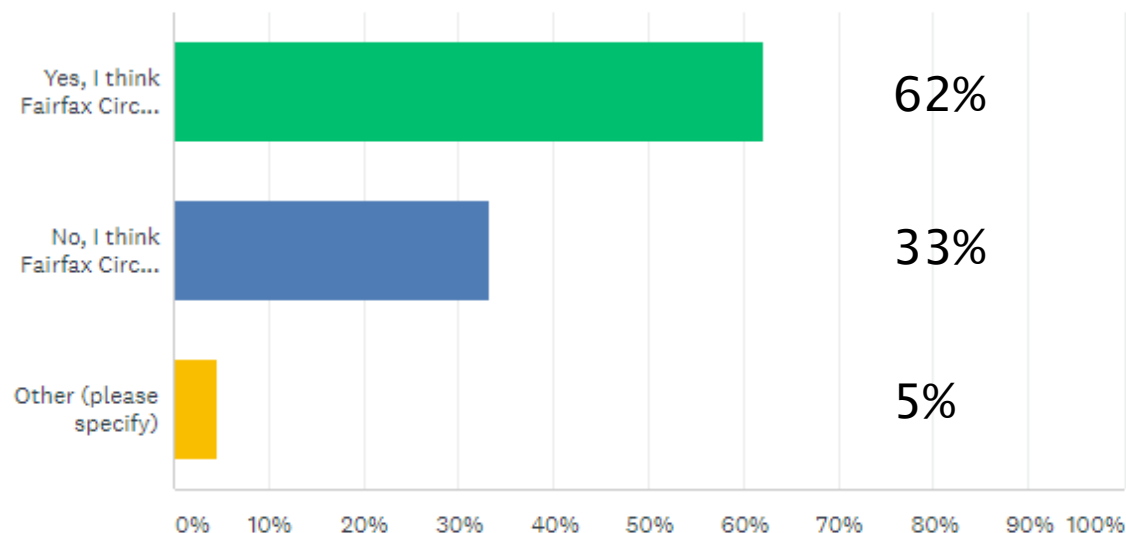
Fairfax Circle



One large project under consideration is an evaluation and potential redesign of Fairfax Circle. Do you agree that this intersection could be improved (even if you don't yet have an opinion of how it should be improved), or do you think it is fine the way it is?


One large project would be to evaluate and potentially redesign Fairfax Circle. Do you agree that this intersection could be improved (even if you don't yet have an opinion of how it should be improved), or do you think it is fine the way it is?

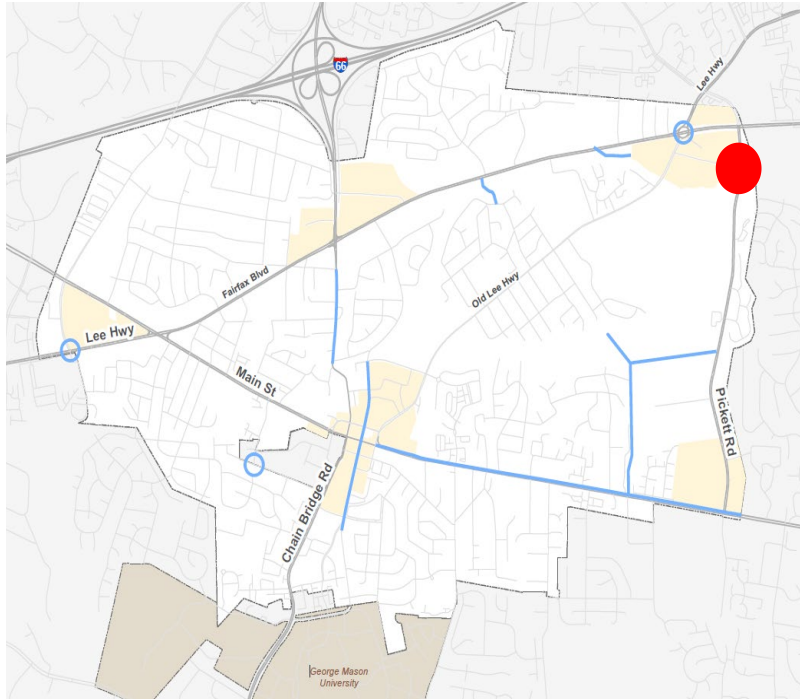
Answered: 406 Skipped: 0



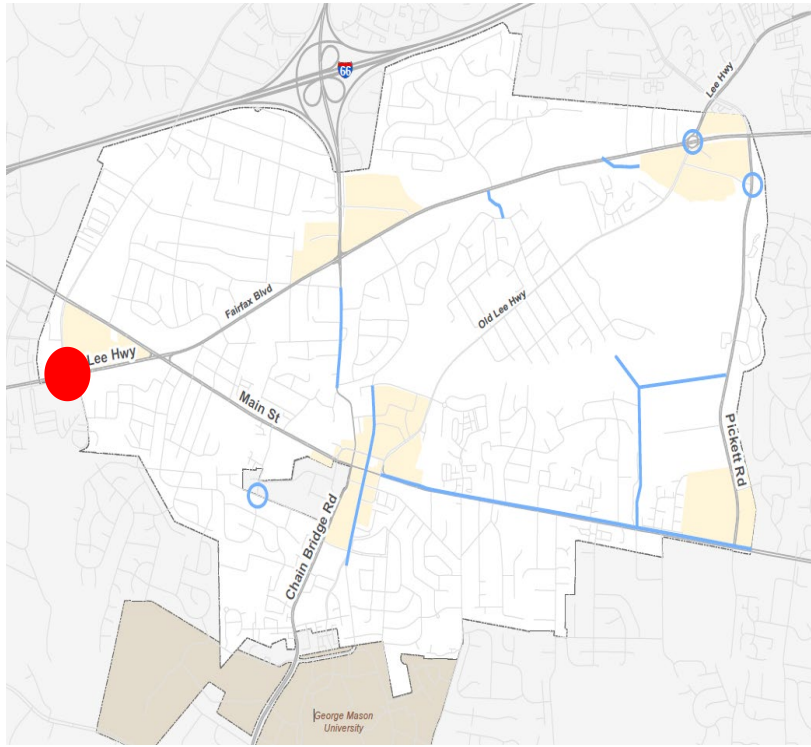
Intersection Improvements

The City is evaluating three intersections to reduce flooding, improve traffic flow, improve pedestrian safety, and/or address confusing layouts. Which of these three intersections do you think is the highest priority? (Pick 1.)



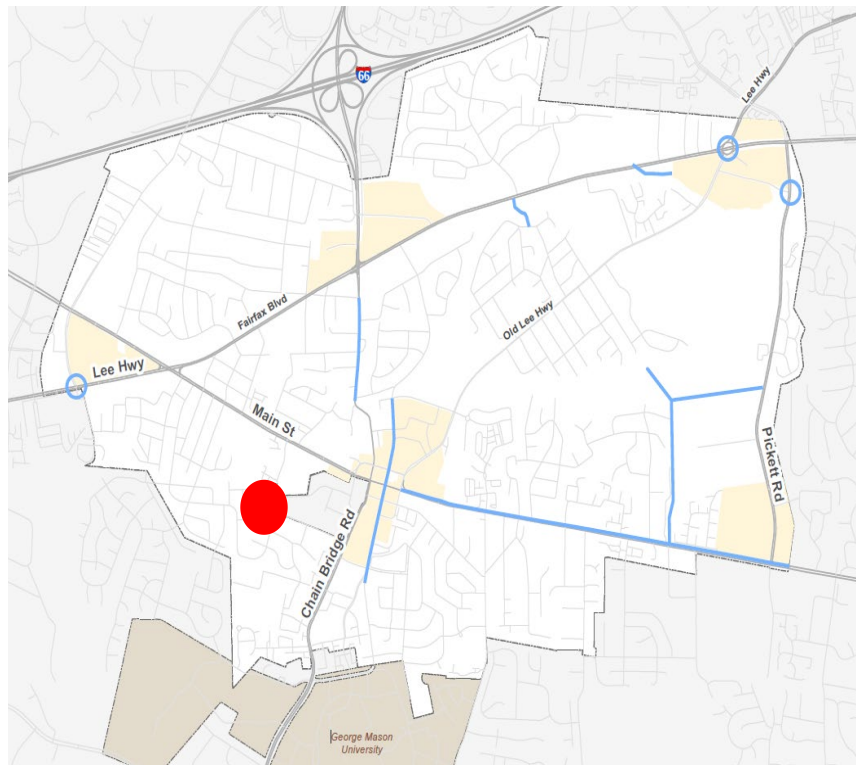


Flooding Issues
Large volume of heavy trucks



Jermantown Rd/Lee Hwy/Rust Rd

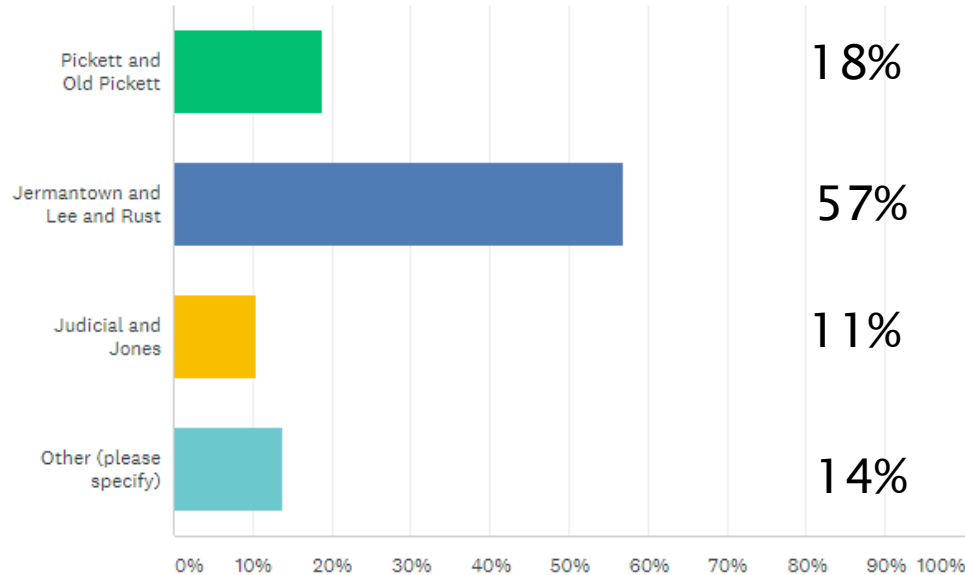
Requires new mast arms and geometrical upgrades



Requires geometrical upgrades to provide turn bay to Jones.

The three intersections below could be upgraded to reduce flooding, improve traffic flow, improve pedestrian safety, and/or address confusing layouts. Which of these three intersections do you think is the highest priority? (Pick 1)

Answered: 399 Skipped: 7




Variety of responses in the “other” category

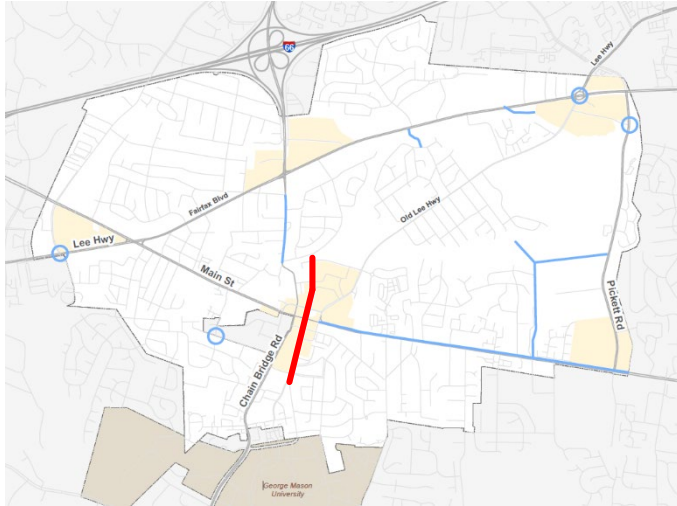
- None are priorities
- Eaton/Chain Bridge
- Kamp Washington
- Main/East
- Pickett/Fairfax Blvd

New Pedestrian/Bike Connections

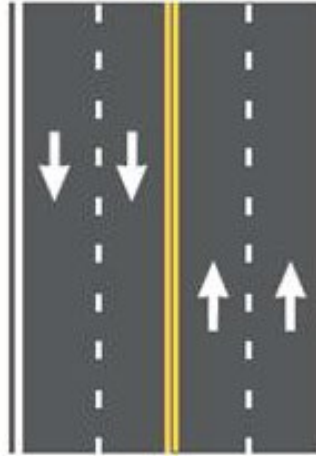
The City is evaluating a number of new projects to improve on and off-street pedestrian and bicycle connectivity throughout the City (Pick up to 3).



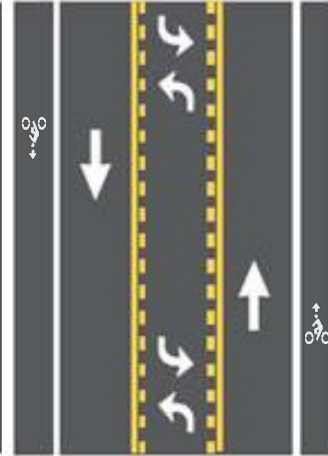
University Drive Road Diet Extension through Old Town



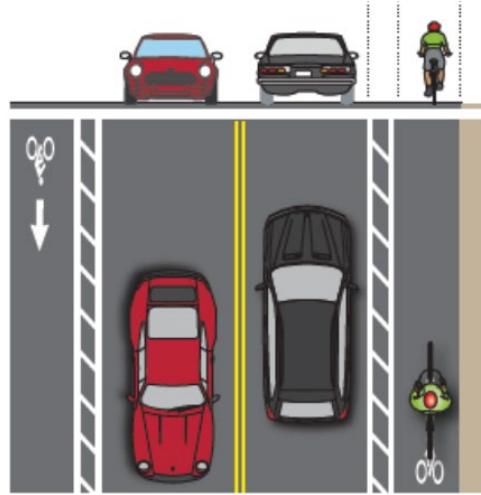
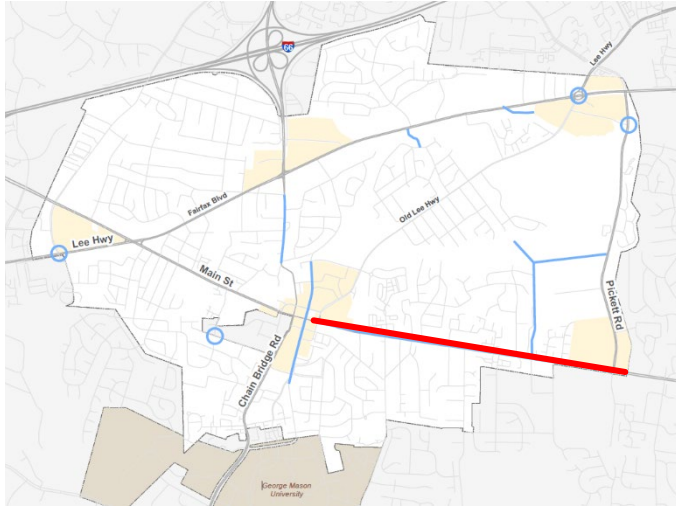
Existing



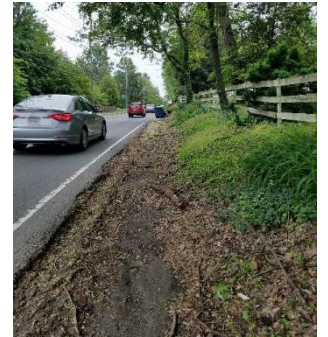
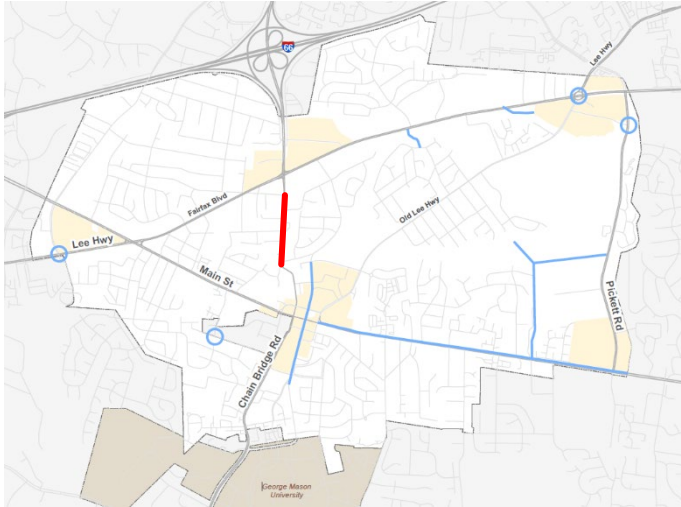
Proposed



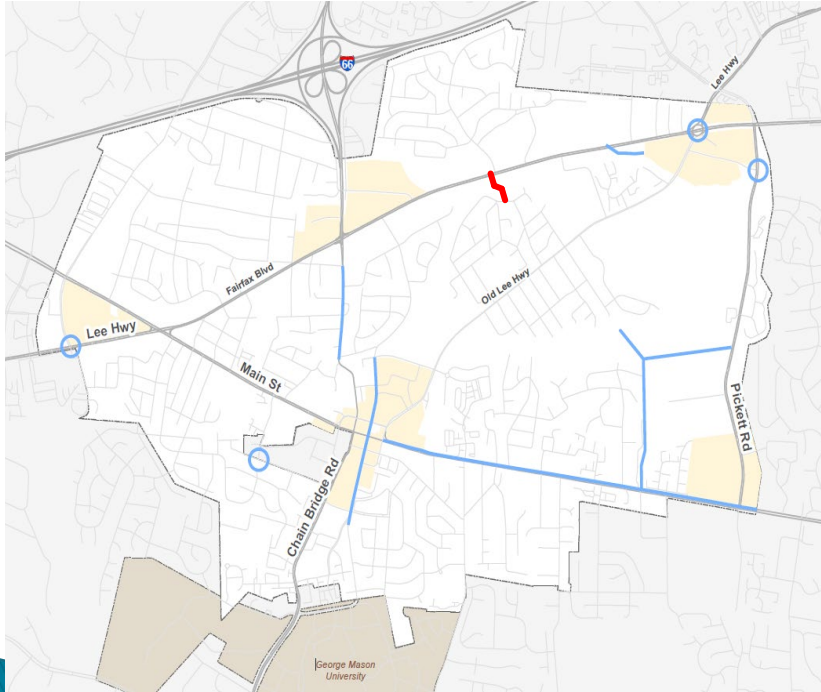
Main St/ Little River Turnpike Bikeway



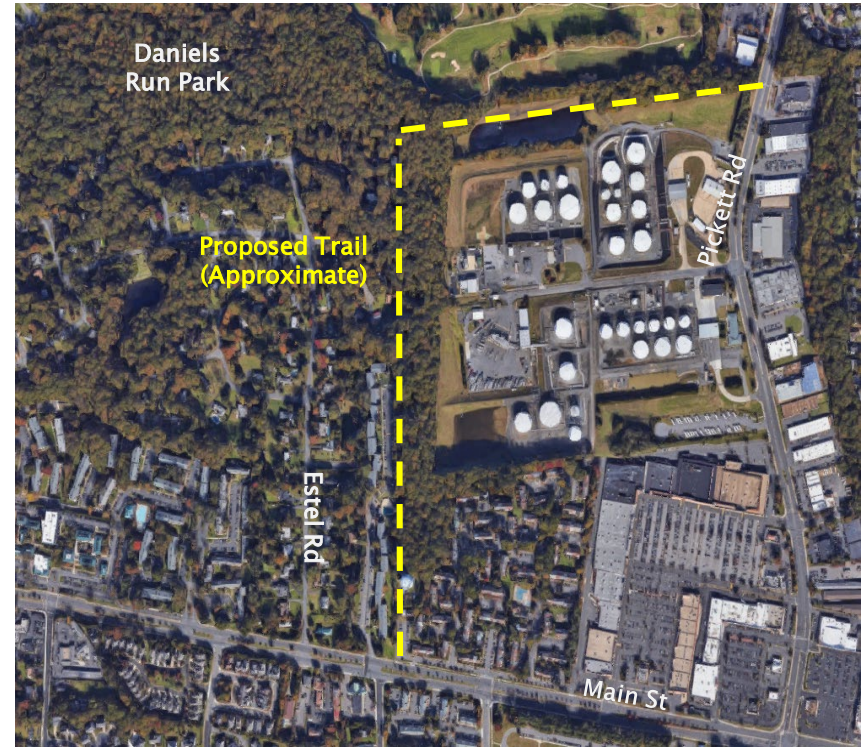
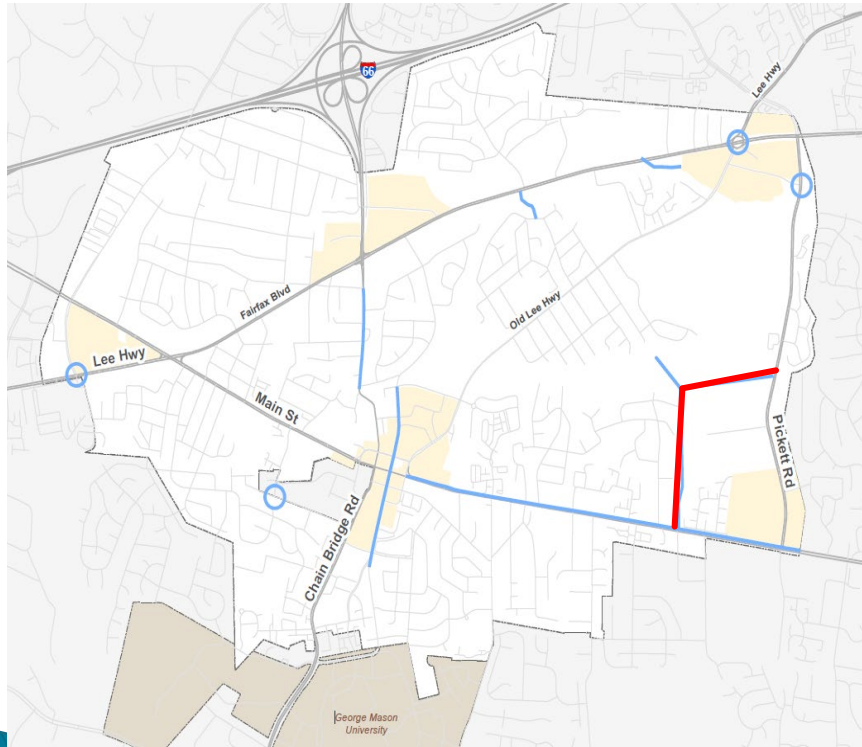
Chain Bridge Rd Sidewalk, Taba Cove to Fairfax Blvd



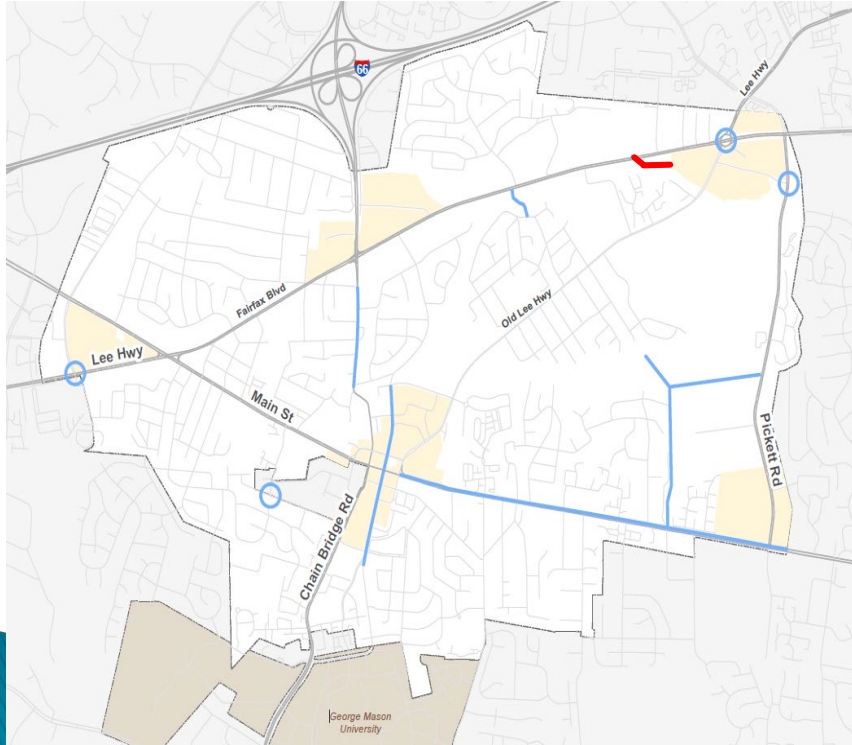
Fire Station #33 Trail



Comstock Trail

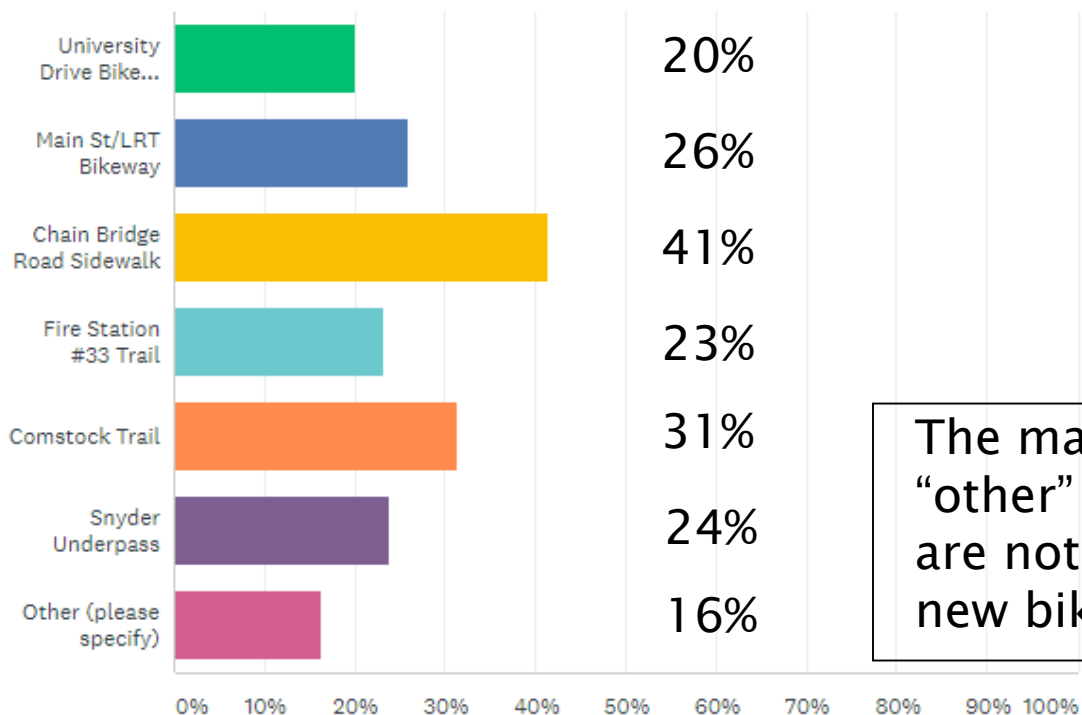


Snyder Trail Underpass (Draper Dr and Fairfax Blvd)




Several potential projects would create new bicycle and/or pedestrian connections with sidewalks, trails, or on-street facilities. Which of these projects do you think are the highest priorities? (Pick up to 3)

Answered: 382 Skipped: 24




The majority of “other” responses are not in favor of new bike lanes

Project Prioritization

- ▶ Too many projects to fund over the next few years
 - ▶ Need to prioritize projects based on need, community and City Council input and potential funding
- 

Recommended Two Year Program

- ▶ Apply for funding for all projects with partial funding and projects with concept planning complete
 - ▶ Utilize local C&I to develop concept plans and cost estimates for new projects to apply for in future application cycles
- 

Project Name	Approximate Cost		Eligible Funding Source(s)							
		Available Funding	Smart Scale	Revenue Sharing	CMAQ/RSTP	Transportation Alternatives (TAP)	NVTA 70%	I-66 Inside the Beltway Toll Revenue	Transportation/ Land Use Connections (TLC)	Local C&I
			No maximum	\$5M/year	\$800,00/year	\$200-\$600K	No Maximum	TBD	\$30-80K	\$2M/year
			6 and 7 yrs out	Next 2 years	6 years out	Next 2 years	Next 6 years	Next 2 years	Next year	Next year
Proposed New Projects										
Sager Avenue Sidewalk	TBD					★				★
Fairfax Circle Improvements	TBD									★ FY 20 design concept
Intersection Upgrade at Jermantown/29	\$1,000,000			★ \$500,000 (FY 21)						★ \$500,000 (FY 21)
Old Lee Highway/Old Pickett Road Intersection Improvements	\$1,000,000				★					
Chain Bridge Road sidewalk (Rust Curve to Fairfax Blvd)	TBD									★ FY 21 design concept
Fire Station #33 Trail	TBD		★							★ FY 20 design concept
Comstock Trail	TBD									★ FY 21 design concept
Snyder Trail Connection under Rt 50 (Snyder to Willcoxon)	TBD		★							★ FY 20 design concept
Traffic Signal System with Transit Priority	\$600,000							★ \$600,000		

Revenue Sharing Program


- ▶ Applications open for FY 21 and FY 22
- ▶ Pre-applications due July 1; applications due Oct 1
- ▶ \$5M maximum per fiscal year (\$10M total)
- ▶ Requires 50% local match
 - General Fund
 - Stormwater Fund
 - C&I
 - 30% NVTAs
 - 70% NVTAs

FY 21 /22 Revenue Sharing Applications

- ▶ FY 21 applications:
 - University Drive Extension \$400,000
 - Old Lee Highway Multimodal Improvements \$3M
 - Jermantown/29 Signal Rebuild \$500,000

- ▶ FY 22 applications:
 - Main Street Streetscape Improvements \$2.4M
 - Sager Avenue Culvert \$880,000


FY 21 Transportation Alternatives Program

- ▶ Applications open for FY 21 and FY 22
 - ▶ Pre-applications due July 1; applications due Oct 1
 - ▶ Trails, sidewalks, bike lanes eligible
 - ▶ Requires 20% local match
 - ▶ FY 21 application
 - Sager Avenue Sidewalk
- 


NVTA 70% Funding

- ▶ Applications open for FY 24 and 25
- ▶ Applications due September 27
- ▶ Focus on regional projects with congestion mitigation impact
 - The Authority must give priority to projects with the highest Congestion Relative to Cost (CRRC)


FY 24/25 NVT A 70% Applications

- ▶ Chain Bridge Road/Eaton Place Intersection Improvements – \$21.3M
 - ▶ Old Lee Highway Multimodal Improvements – \$3M
 - Match to Revenue Sharing funds
 - ▶ University Drive Extension –\$400,000
 - Match to Revenue Sharing funds
 - ▶ George Snyder Trail Underpass – \$5,000,000
- 


I-66 Inside the Beltway Commuter Choice

- ▶ Applications for FY 21 and 22
 - ▶ Call for projects this fall
 - ▶ Total funding available ~\$15M
 - ▶ Focus on projects that benefit toll payers
 - ▶ City's proposed application
 - Traffic Signal System with Transit Priority
- 


CMAQ/RSTP

- ▶ Application for FY 26
 - ▶ Call for projects this fall
 - ▶ Federal funding, no local match required
 - ▶ City allocation ~\$800,000/year
 - ▶ City's proposed application:
 - Intersection improvements at Old Lee Highway/Old Pickett Road
- 

C&I Funding

- ▶ Match for Revenue Sharing and TAP
 - Sager Ave Sidewalk (20% match)
 - Main Street Streetscape Design & Construction (50% match)
 - Sager Avenue Culvert (50% match)
 - University Drive Extension (50% match)
 - Old Lee Highway Multimodal Improvements (50% if City does not receive NVTa funding)
- 

C&I Funding

- Micromobility Network Plan
 - Design Concepts for new projects for future applications:
 - Chain Bridge Road Sidewalk (west side, Rust Curve to Ffx Blvd)
 - Fire Station #33 Trail
 - Comstock Trail
 - Snyder Trail Connection Under Route 50
 - Fairfax Circle Improvements
 - Intersection Upgrade at Jermantown /29
- 

C&I Funding


▶ FY 20

- Design concepts for fire station trail, Fairfax Circle improvements and Snyder Trail underpass
- Funding allocated in adopted budget


▶ FY 21 and 22

- Design concepts for Chain Bridge Road sidewalk (Rust Curve to Fairfax Blvd) and Comstock Trail
 - Funding to be allocated in future CIP
- 

Smart Scale

- ▶ Applications for FY 26/27 open in the Spring
 - ▶ Potential applications for the following
 - Fire station #33 trail
 - Snyder Trail underpass
 - Fairfax Circle Improvements (likely not ready until FY 28/29 funding cycle)
- 

Not Recommended for current Two Year Program

- South Street Extension
 - University Drive Road Diet Extension
 - Burke Station Road Phase II
 - Main Street/Little River Turnpike Bikeway
 - CUE Marketing Plan
- 

Two Year Program Timeline –

- April 23, 2019: WS to discuss proposed projects
- May – June: Public outreach on proposed projects
- June 25: City Council work session to review public outreach and proposed Two Year Program
- September – December: Application endorsements for Revenue Sharing, Transportation Alternatives Program, CMAQ/RSTP, I-66 Commuter Choice and NVT 70% funds
- Spring: Application endorsement for Smart Scale



CITY OF FAIRFAX
TWO-YEAR TRANSPORTATION PROGRAM
Get Informed. Get Involved. Get **Connected.**

SAVE THE DATE!
OPEN HOUSE
MONDAY, SEPTEMBER 18
7:00 PM
CITY HALL ANNEX
THE CITY NEEDS YOUR INPUT!

WHAT IS A TWO-YEAR TRANSPORTATION PROGRAM?
The Two-Year Program is the City's short-term work plan to implement the City's long-term transportation vision as described in the Multimodal Transportation Plan. The City is in the process of developing a two-year transportation program to address the community's priorities for new transportation infrastructure and programs - and we want your input! The City is matching project priorities with available funding sources to put together a two-year funding timeline. **This does not mean that we are constructing these projects within the next two years. We are just applying for funding at this point.** The projects the City is considering for evaluation over the next two years are listed to the right.

Live Life Connected
POTENTIAL PROJECTS:

- Old Lee Highway Multimodal Improvements (Pedestrian/Bicycle Improvements)
- George T. Snyder Trail Completion
- Judicial Drive Trail Completion
- Bike Share (in partnership with Mazon)
- University Drive (South of Fairfax Blvd) Improvements
- Pedestrian Network Safety Spot Improvements
- Transit Facility Improvements
- Transportation Demand Program
- Sermontown Road Widening (Between Fairfax Blvd and Route 1-66)
- Eaton Place/Chain Bridge Road Intersection Improvements
- Additional Roadway Network in Northfax West of Chain Bridge Road
- Roadbed Reconstruction

LEARN MORE AT:
www.fairfaxva.gov/transportationprogram
CAN'T ACCESS THE WEBSITE? CALL FOR MORE INFORMATION: 703-385-7889

THE CITY NEEDS YOUR INPUT!
Email: transportationprogram@fairfaxva.gov • Call: 703-385-7889 • Website: www.fairfaxva.gov/transportationprogram
Visit our Open House Monday, September 18 at 7:00 in the City Hall Annex

Discussion

- ▶ Does this proposed Two Year Program reflect Council priorities?
 - If no, what's missing?
 - ▶ Are you comfortable endorsing upcoming funding applications for the proposed projects?
- 