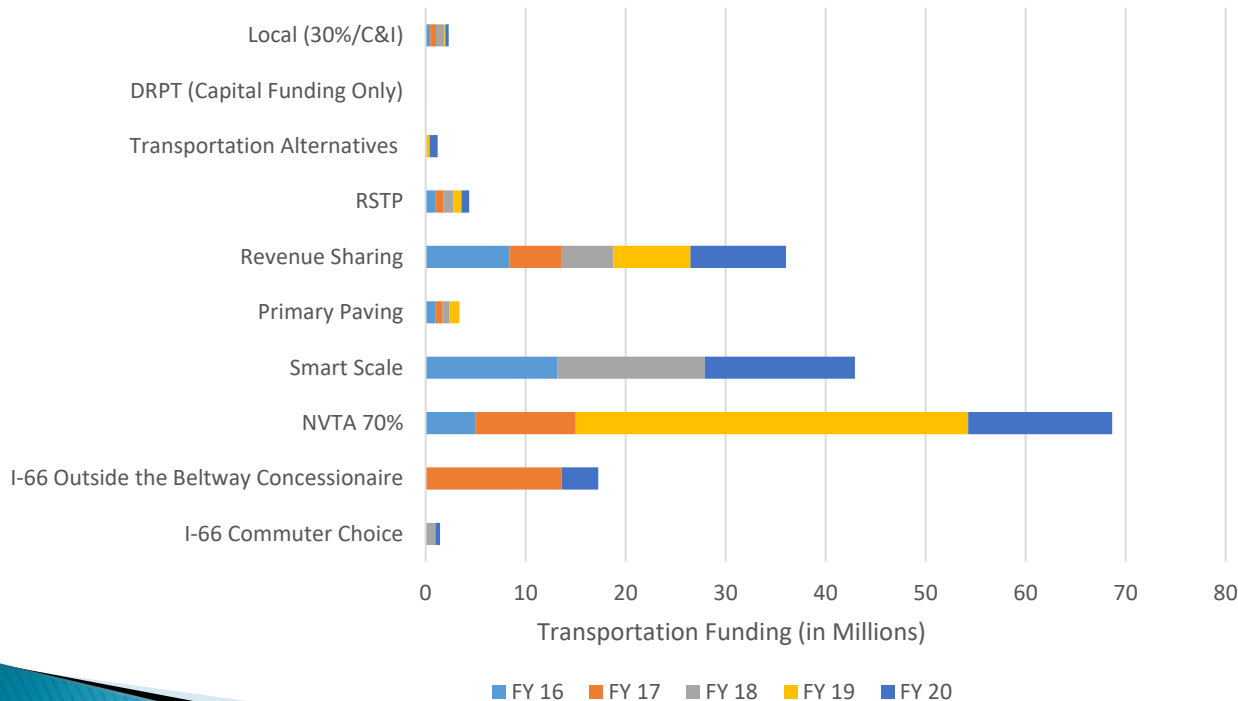


Proposed FY 22–23 Two Year Transportation Program

April 2021

Transportation Funding FY 16–20

Awarded Transportation Funding (FY 16-FY 20)



City has received \$175M in non-local transportation funding since FY 16

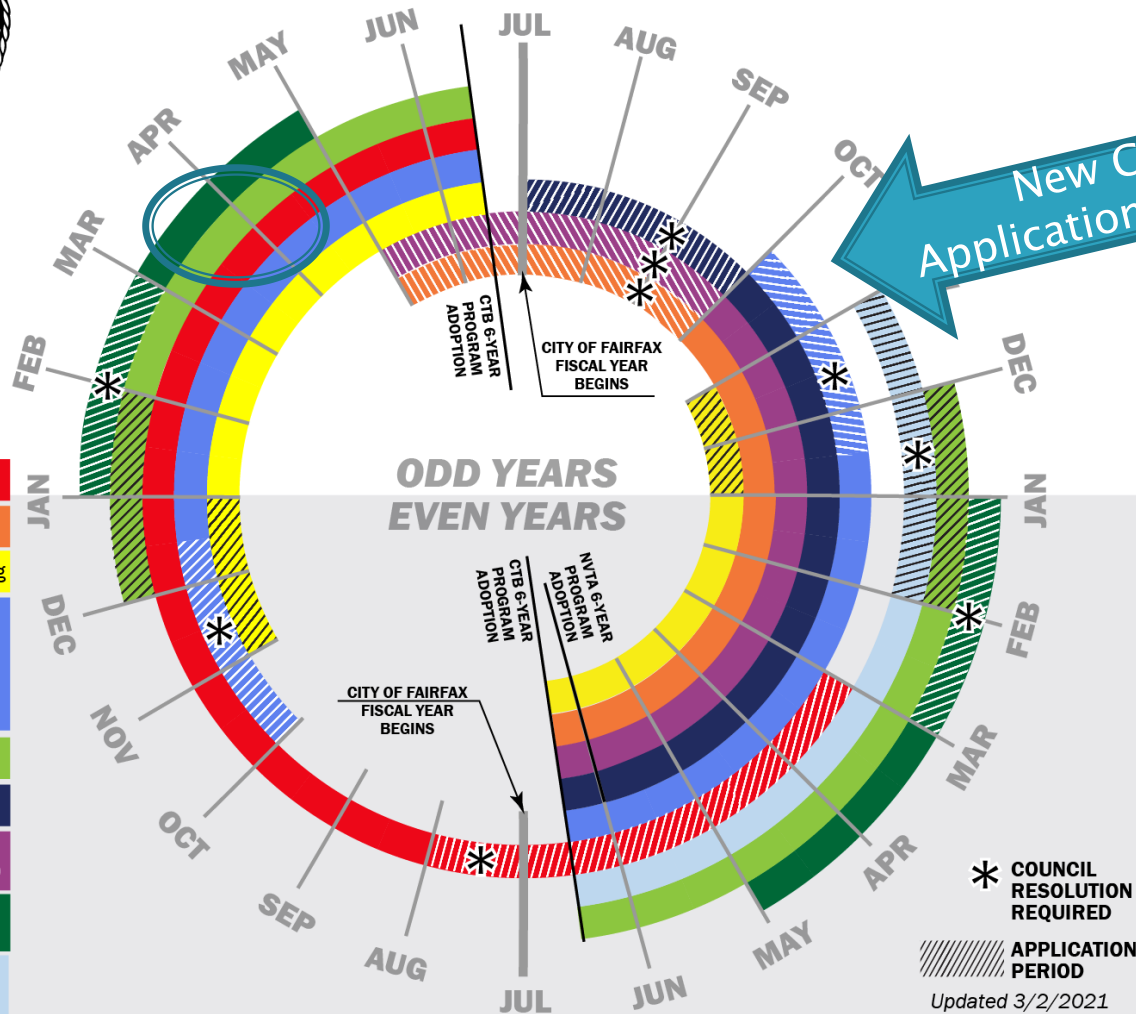
- **\$69M NVTA 70%**
- **\$43M Smart Scale**
- **\$36M Revenue Sharing**
- **\$17.3M I-66 OTB**
- **\$5M RSTP**
- **\$3.6M Primary Paving**
- **\$1.4M Commuter Choice**
- **\$1.2M Transportation Alternatives**



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)
Commuter Choice (I-66 Toll Revenues)



Upcoming Funding Applications

- ▶ Upcoming applications for FY 23–28 funding
- ▶ Most state and regional funding available 6 years from application
 - TAP and Commuter Choice are the exceptions
 - C&I available for small local projects
- ▶ What are the City's transportation priorities for the next ten years?

City Council Goals 2020–2022



/CITY COUNCIL 2020-2022 TERM

VISION

In 2035, the City of Fairfax has a strong, sustainable economy that supports a vibrant 21st century community.

CITY COUNCIL GOALS FOR 2020-2022 TERM

Economic Development

Create opportunities for economic development through partnerships, planning, marketing, business recovery, recruitment, retention, expansion, and incubation that result in a more diverse, balanced, and resilient economy; tax base growth above the regional average; overall community affordability; and a business environment that supports the quality of life that our community expects.

Redevelopment

Preserve our sense of place, recognize the significance of public historic sites, embrace inclusivity of our changing demographics, prioritize housing affordability, and enable commercial and retail success to recover as we grow the local economy through appropriate, targeted, sustainable, and transportation-oriented redevelopment.

Neighborhoods

Encourage a close-knit community of distinct neighborhoods where people feel welcome, safe and secure; invite thought-provoking conversations addressing challenges faced by our communities; equitable access to the highest quality educational opportunities, passive and active recreation and cultural arts activities; enhance physical and virtual community connectivity; a diverse choice of housing; a culture of shared investment and civic pride supported by City services and amenities of indisputable value.

Transportation

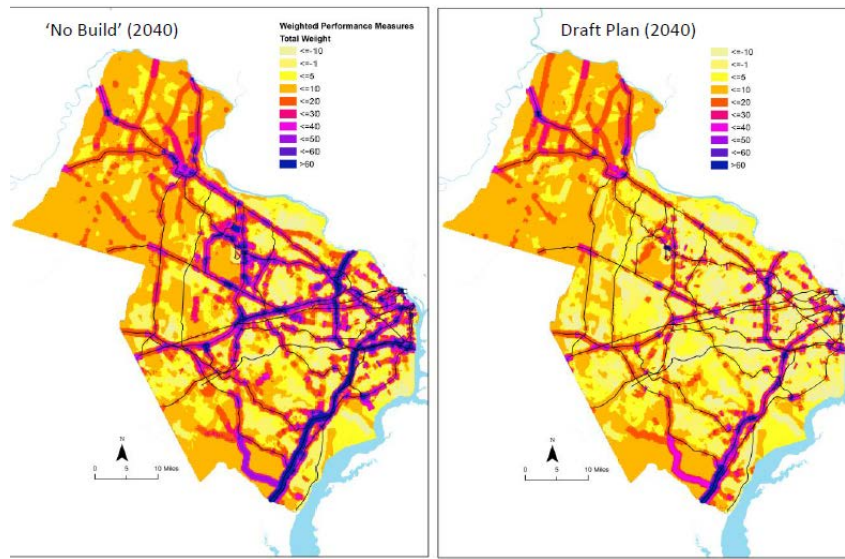
Provide for the safe and efficient movement of pedestrians, cyclists, motorists, and mass transit riders within and across the City and region, highlighted by a green ribbon network of sidewalks and trails to reduce pollution and congestion supporting a sustainable and healthy community.

Governance

Maintain a trust-based, high-performing, transparent, technologically innovative, efficient, and effective governing system ensuring open communication with our residents, businesses, and neighboring jurisdictions; with active participation from our diverse citizenry and characterized by an agile, collaborative organization providing 24/7/365 responsiveness that highlights the City as a thriving, inclusive, environmentally sustainable community and regional leader and partner.



Provide for the safe and efficient movement of pedestrians, cyclists, motorists, and mass transit riders within and across the City and region, highlighted by a green ribbon network of sidewalks and trails to reduce pollution and congestion supporting a sustainable and healthy community.



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%).



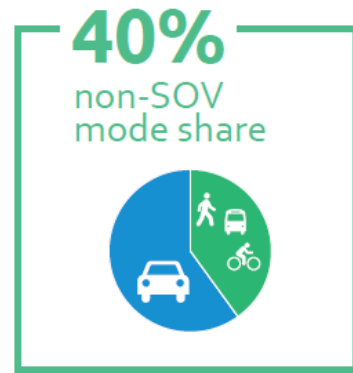
Ensure **100% of residents are connected to green space**, trails, or open space via a safe 15-minute walk of home (currently 88%).



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%).



Current Projects

Project Phase	Number of Projects
Concept	2
Design	21
Construction	2
Post-Application/Out Year Start*	6

*Does not include locally funded projects (i.e. residential sidewalks) that will be programmed on an annual basis

John Mason Trail
South Street Extension

Old Lee Highway
Jermantown Road Corridor
Pickett Trail
George Snyder Trail
Warwick/McLean/Ffx Blvd
CUE Bus Purchase
Bus Stop Improvements
Bike Share
Northfax West
University Drive Extension
Hallman Street Sidewalk

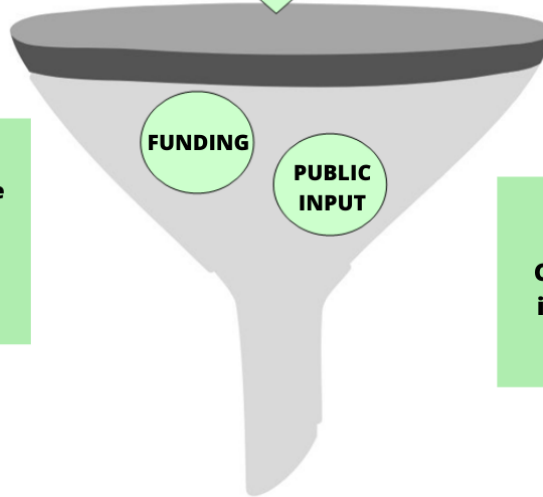
Multiuse Trail Rehab
University Drive Traffic Calming

Country Club Connector
CBR Sidewalk (Taba/Warwick)
Jermantown/29 Intersection
Bicycle Plan Projects

TWO YEAR TRANSPORTATION PROGRAM PROCESS

POTENTIAL PROJECTS

Staff develops a list of potential projects identified in various policy documents including the Comprehensive Plan, Small Area Plans, Parks and Recreation Master Plan, Transit Development Plan, and others



FUNDING OPPORTUNITIES

Includes NVTa, SmartScale, Revenue Sharing, RSTP, TAP and others.

Each funding source has unique requirements and timelines

PUBLIC INPUT

Community prioritization that identifies the most important projects to pursue

TWO YEAR TRANSPORTATION PROGRAM

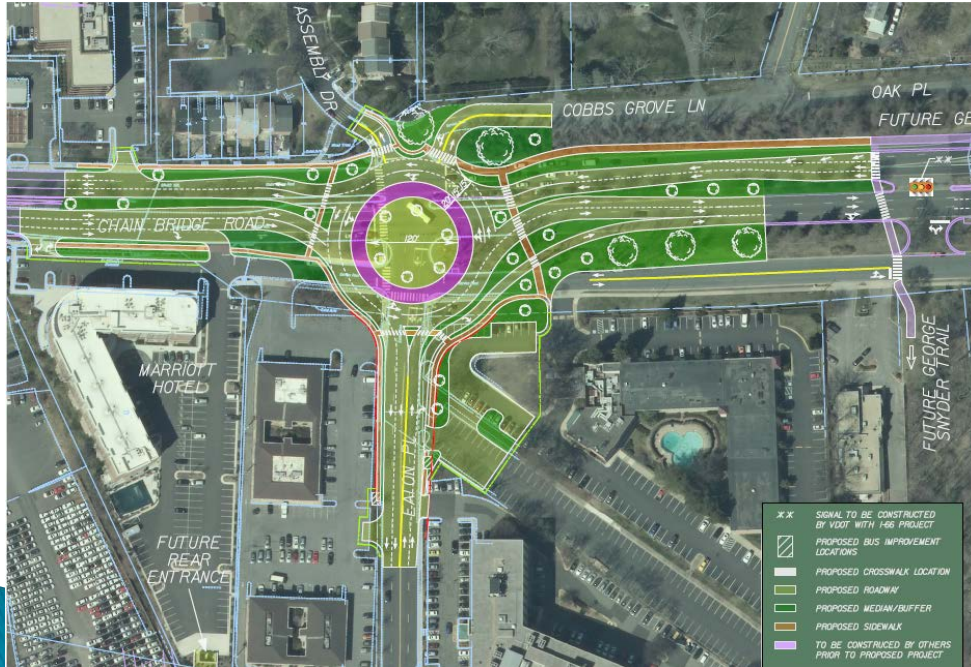
Two Year Transportation Program is a list of priority projects for the city to pursue funding for over the upcoming two year funding cycle

FY 23–28 Project Options

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

Project with Partial Funding

▶ Eaton Place/Chain Bridge Road Intersection

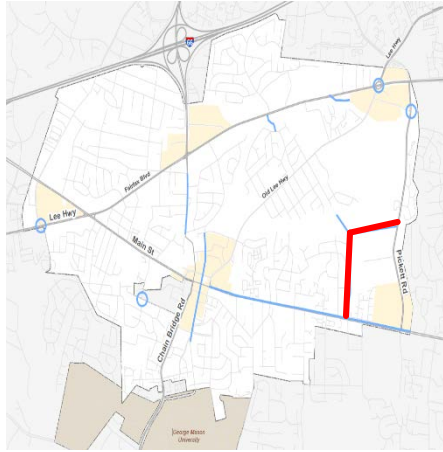


- ▶ Project has \$10.7M in NVTa 70% funding
- ▶ Project estimate is ~\$25M
- ▶ Funding need of \$15M

Projects with Concept Planning

- ▶ Comstock/John Mason Trail
- ▶ Bicycle Network Improvements (multiple projects)
- ▶ Main Street Streetscape

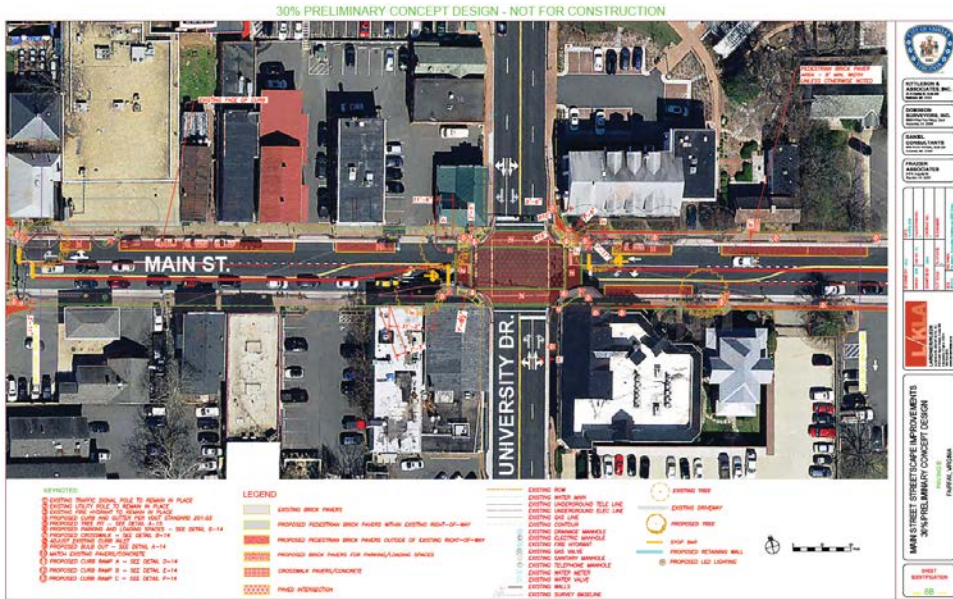
John Mason Trail



- ▶ Concept planning complete
 - City on-call consultant performed survey and developed preliminary alignment
 - Pursuing deed modification with tank farm owners
 - Developing cost estimate (likely \$15M–\$20M)
 - Recommend pursuing NVTa 70% funding in next funding cycle

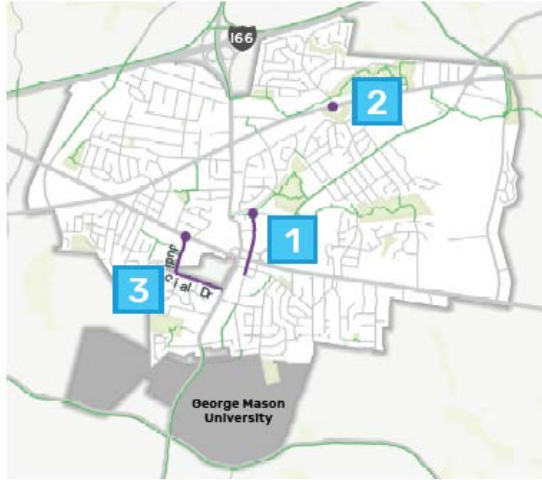
Main Street Streetscape

- # ▶ Concept planning complete
- 30% plans complete
 - Approximate \$5M cost
 - Recommend pursuing FY 28 Revenue Sharing funds
 - FY 23 application for FY 28 funding
 - Would require 50% local match



Bicycle Network Improvements

MAP 20: TOP 3 PRIORITY PROJECTS



Priority Project Cutsheets

- 1 University Drive
- 2 Plantation Parkway & Fairfax Blvd
- 3 Judicial Drive

- ▶ Example Projects
 - University Drive
 - Plantation Parkway/Fairfax Blvd
 - Judicial Drive
- ▶ City has \$2.2M coming on-line between FY 22 and FY 28 in RSTP funding for multimodal improvements
- ▶ Recommend utilizing this funding and applying for TAP funding for University Drive project

University Drive Bike Lanes: Layton Hall Dr to South Street



- 1 Realign trail connection to corner.
- Remove channelized turn islands and bring crosswalk to the corner.
- Bike lanes continue north as long as practicable.



- 2 Convert University Drive to a 3 lane cross section, enabling safer turning and bicycle lanes.



- 3 Bike box in southbound direction allows bikes to get in front of traffic at a red signal and increases awareness for right turning vehicles.
- Combined right turn lane allows bicyclists to continue straight into the bike lanes on the north side of the intersection.



- 4 "Super sharrows" provide driver awareness and courtesy, and user comfort. Long term, bike lanes could be provided as part of a reconstruction or lane reconfiguration.

- Recommend implementation in FY 23/24 concurrent with Capstone opening
- FY 22/23 available RSTP funding of \$755K
- Also recommend applying for TAP funding

Plantation Parkway at Fairfax Blvd



Proposed trail connection to neighborway network.

Widen and realign curb ramp and crosswalk in front of fire station to connect to the proposed Country Club Commons trail.

Widen existing sidewalk to at least 10-feet to provide an off-street path connection from Fairfax Blvd to existing trail crossing. Final design will need to consider right of way impacts and impacts to street trees.

Remove channelized turn island to eliminate free flow right turns and reduce pedestrian crossing times.

Remove channelized turn island to eliminate free flow right turns.



Realign trail to corner to improve sight distance and match the crossing location. Coordination required with George Snyder trail project.

Install bulbouts, signage, and consider a raised crosswalk at realigned trail.

Improve driveway to keep trail raised and slow turning vehicles.

- ▶ Recommend implementation in FY 26 when Country Club Connector funding available
- ▶ FY 26 available RSTP funding of \$670K

Judicial Drive



Judicial Drive and Chain Bridge Road

Transition bike lane to shared use path to maintain existing vehicle capacity at the intersection. A traffic study is needed to confirm number of needed approach lanes and storage length.

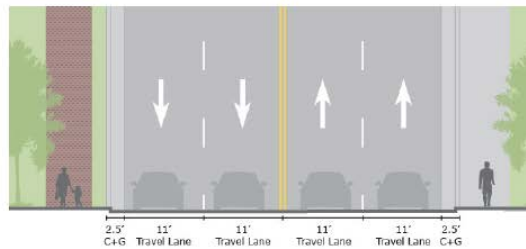
Widen sidewalks to at least 10' for shared use path.

Widen sidewalk along Chain Bridge Rd to at least 10'.

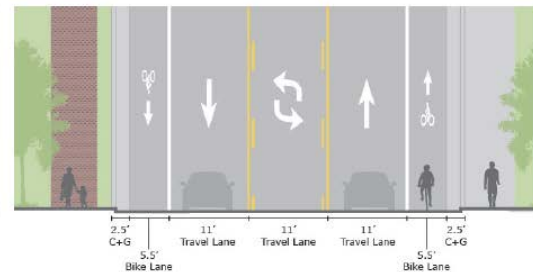
Off-street path proposed. Trail provides a direct link to Breckinridge Lane and the Fairfax City Bike Trail.



Existing Conditions (Main Street to Jones Street)



Proposed (Main Street to Jones Street)



- ▶ Recommend implementation in FY 28 concurrent with County Courthouse Complex redevelopment
- ▶ FY 28 available RSTP funding of \$770K

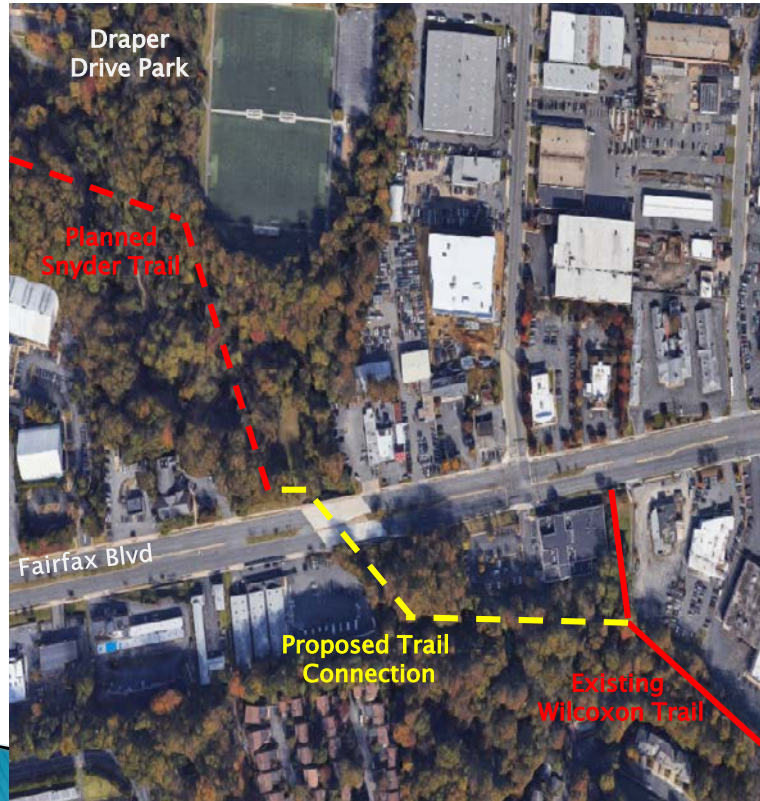
Potential Future Projects

- ▶ Major Sidewalks
- ▶ Snyder Trail Connection to Wilcoxon Trail
- ▶ South Street Extension
- ▶ Fairfax Circle Improvements

Major Sidewalk Projects

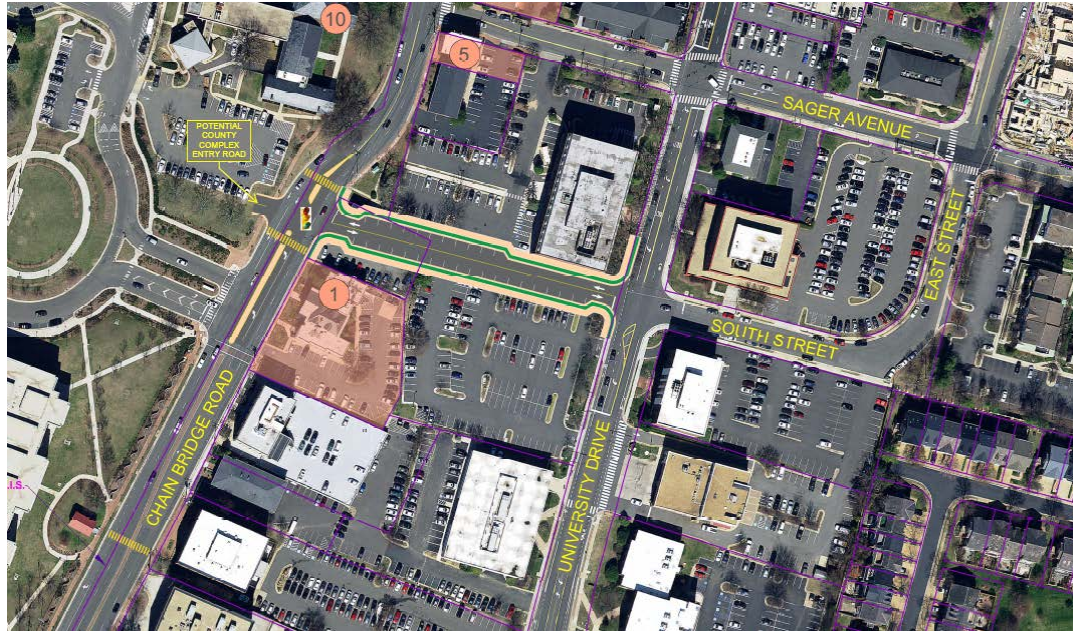
- ▶ These would not be constructed with the Residential Sidewalk Program funding
- ▶ These require feasibility studies to determine cost
- ▶ Recommend applying for Revenue Sharing funding

Snyder Trail Connection to Wilcoxon



- ▶ George Snyder Trail to be constructed in FY 24
- ▶ Project terminus at Fairfax Blvd
- ▶ This project would add a mid-block crossing of Fairfax Blvd and an off-road connection to Wilcoxon Trail
- ▶ Recommend pursuing FY 28 Smart Scale funding for this project

South Street Extension



- ▶ County Courthouse Complex Phase 1 redevelopment starting in FY 25
- ▶ Small Area Plan recommends this connection
- ▶ Recommend pursuing FY 28 Smart Scale funding for this project

Fairfax Circle Improvements

- ▶ Visioning project currently underway
- ▶ Small Area Plan to be completed next
- ▶ This is a longer term project (10–15 years)
- ▶ Recommend Smart Scale application for FY 30 funding



Recommended Two Year Program

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

Recommended Two Year Program

Project Name	Proposed Funding Source	Proposed Funding Year
PRIORITY 1: Projects with Partial Funding		
Eaton Place/Chain Bridge Road Intersection Improvements	NVTA 70% or Fed Earmark	FY 27/28
PRIORITY 2: Projects with Concept Development		
John Mason Trail	NVTA 70%	FY 27/28
Main Street Streetscape Improvements	Revenue Sharing/C&I	FY 27/28
Bicycle Spot Improvements		FY 22 - FY 28
University Drive (North Street to Layton Hall)	RSTP/TAP	FY 22
Plantation Parkway/Fairfax Blvd Intersection	RSTP	FY 26
Judicial Drive (CBR to Jones; Jones to Main Street)	RSTP	FY 28
PRIORITY 3: Future Projects		
Major Sidewalk Projects	Revenue Sharing/C&I	FY 28+
Snyder Trail Connection to Wilcoxon Trail	Smart Scale	FY 28
South Street Extension / Massey entrance signal	Smart Scale	FY 28

Proposed Local Funding FY 22

- ▶ Proposed local funding (30%/C&I) of \$1.4M in FY 22
- ▶ Pre-application Project Evaluation \$400K
 - John Mason Trail
 - University Drive Bicycle Improvement Project
 - Snyder Trail Extension to Wilcoxon Trail
 - South Street Extension
 - Eaton/CBR refinements
- ▶ Residential Sidewalk Program \$450K
- ▶ Neighborhood Connections Program \$100K
- ▶ Multimodal Improvements \$100K

Proposed Local Funding FY 22

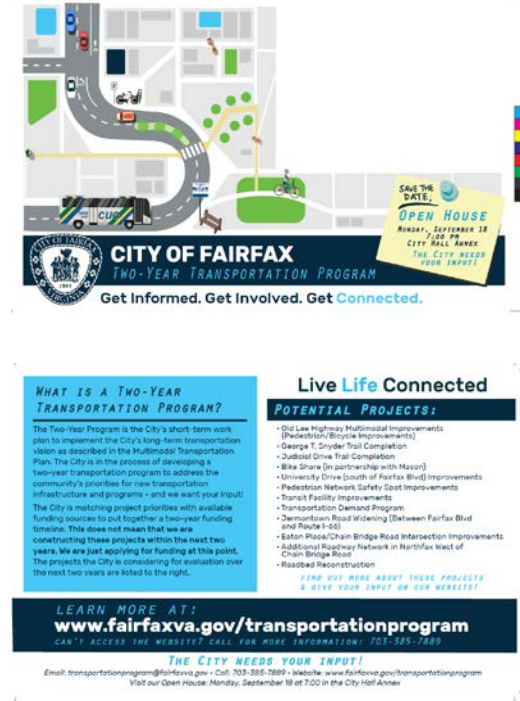
- ▶ Match to Federal Funding \$100K
 - Bike Share
 - Sager Avenue Sidewalk
- ▶ CUE Branding \$100K
- ▶ New Traffic Signals, Motivision \$100K
- ▶ CUE Bus Purchase (NVTC Trust Fund/DRPT) \$3M

What's missing?

- ▶ Major sidewalk projects
 - Funding for one or two projects at most
 - 8–10 year timeframe
 - City paying half of cost
- ▶ Long term projects in bicycle plan
 - Will utilize existing RSTP for as many spot improvement projects as possible

Two Year Program Timeline –

- March–April, 2021: Staff development of draft list of projects for funding consideration
- April 20, 2021: WS to discuss proposed projects
- May – June: Public outreach on proposed program
- June 2021: City Council work session to review public outreach and proposed Two Year Program
- June/July 2021: Adoption of Two Year Program
- September – December: First round of applications due



The poster for the City of Fairfax Two-Year Transportation Program features a map of a city street intersection with various transportation modes like cars, a bus, a bicycle, and a pedestrian. Below the map is the City of Fairfax seal and the program title. A yellow banner on the right says 'SAVE THE DATE! OPEN HOUSE MONDAY, SEPTEMBER 18 / 10 AM CITY HALL ANNEX THE CITY NEEDS YOUR INPUT!'. The bottom section is divided into two columns: 'WHAT IS A TWO-YEAR TRANSPORTATION PROGRAM?' and 'Live Life Connected POTENTIAL PROJECTS:'. The first column explains the program's purpose and timeline. The second column lists potential projects such as Old Lee Highway Multimodal Improvements, George T. Snyder Trail Completion, and others. At the bottom, it provides contact information and a website link.

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

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
- Jubilee Drive Trail Completion
- Bike Share (in partnership with Mason)
- University Drive (South of Fairfax Blvd) Improvements
- Pedestrian Network Safety/Gap Improvements
- Transit Facility Improvements
- Transportation Demand Program
- Thompson Road Widening (Between Fairfax Blvd and Route 1-06)
- Edlin Phase 2/3 Bridge Road Intersection Improvements
- Additional Rappahannock Bridge Road Intersection Improvements
- Roadside 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

- ▶ Do these projects reflect City Council priorities?
 - If no, what's missing?
 - If yes, will you be comfortable endorsing funding applications for these proposed projects?

