



# TRANSPORTATION/LAND USE CONNECTIONS

## FY 2021 TECHNICAL ASSISTANCE

John Swanson  
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TPB Citizens Advisory Committee  
April 7, 2020



National Capital Region  
Transportation Planning Board

# Background on the TLC Program

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- Began in 2006
  - 130 Technical Assistance projects funded for more than \$5 million between 2007 and 2020
- Promotes TPB policy objectives:
  - Multimodal transportation options
  - Land-use enhancements in activity centers and around high-capacity transit stations
  - Access for low-income and minority communities
  - Access to transit
  - Key regional trails



# Program Components

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- TLC Technical Assistance
  - Planning and design projects
  - Small (\$30,000-\$80,000)
  - Short-term (8-9 months)
  - Cover a range of issues, including ped/bike planning, corridor and small area planning, and development of analytical tools
- Transportation Alternatives Set-Aside
  - Focused on capital improvements
  - \$5-6 million per year
  - Collaboration with state DOTs in allocating federal funding



# Funding for Technical Assistance in FY21

- Total funding for FY 2021: \$857,266
  - *Core Regional Funds*: \$260,000 – All projects are eligible
  - *Maryland Technical Assistance*: \$260,000 – Maryland projects are eligible
  - *Virginia Technical Assistance*: \$160,000 – Virginia projects are eligible
  - *Regional Transit Technical Assistance*: \$177,266 – Projects that meet specific criteria are eligible:
    - Must enhance ped/bike access to high-capacity transit
    - Must fund design work (up to 30%) for projects ready to move toward construction/implementation



# Solicitation

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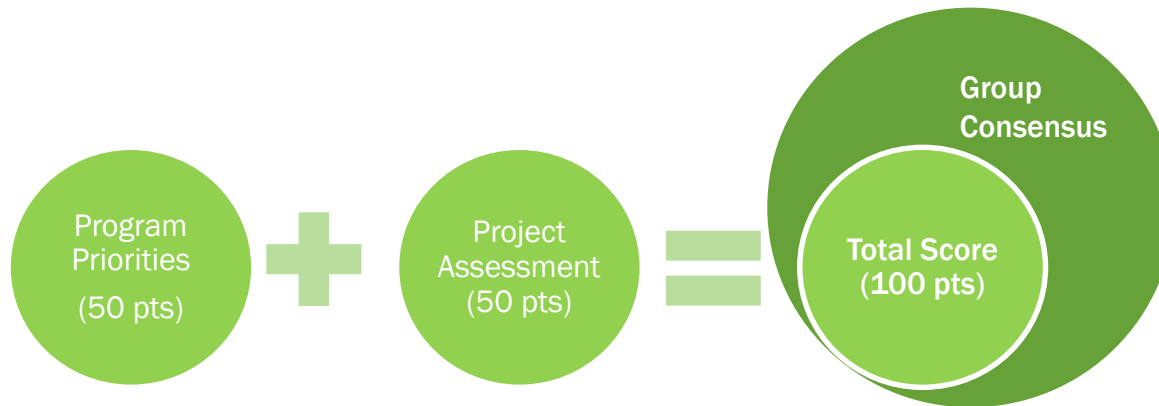
- Application solicitation period: January 13–March 9, 2020
  - Optional Abstracts were due January 27
- 21 applications were received
  - 3 applications from the District of Columbia, 7 from Maryland, and 11 from Virginia
  - Total of \$1,280,000 in requested funding



# Selection

- Panel
  - Chaired by TPB member Julia Koster, NCPC
  - American Society of Civil Engineers, Urban Land Institute, American Planning Association, Transportation Research Board, TPB staff

- Evaluation



- Panel seeks to fund a variety of types of projects, provide regional value, and reflect geographic balance among projects
- Final recommendations based on consensus



# Recommended Projects

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- Total funding: \$857,266
- 15 applications recommended
  - 13 projects – in/near Activity Centers
  - 11 projects – in/near Equity Emphasis Areas
  - 12 projects – in/near high-capacity transit stations
  - 8 projects – in/near key regional trails



# FY 2021 Draft Recommendations

Alexandria, City of	Alexandria Low Income Fare Pass Assessment	40,000
Arlington County	Micro-Mobility Transit Hub Prototype	40,000
Arlington County	Curb Space Allocation Spreadsheet Tool	50,000
Fairfax County	Fairfax County Parkway Trail and Cross County Trail Connection	67,266
Fairfax, City of	Fairfax Circle Visioning and Multimodal Intersection Alternatives Development	60,000
Herndon, Town of	Shared Micromobility Feasibility Study	50,000
Prince William County	Peak Hour Express Bus and HOV Lanes Feasibility Study	40,000





# FY 2021 Draft Recommendations

Bowie, City of	Feasibility Study for Pedestrian Overpass over Maryland Route 214	30,000
Frederick, City of	Rails with Trails Phase 3 Bypass Design	80,000
Montgomery County	Visually Impaired Urban Navigation Study and Pilot Design	80,000
Prince George's County	Cool Spring, Adelphi Pedestrian and Bicycle Access Improvement Project	80,000
Prince George's County	Riggs Road Neighborhood Bicycle Boulevards Project	80,000
Takoma Park, City of	Maple Avenue Complete Street Design	60,000
District of Columbia	North Capitol Cloverleaf Urbanization Study: Replacing Highways with Human Scale Infrastructure	60,000
District of Columbia	Independence Avenue SW Transportation Assessment	40,000



# Details from a few examples...



# Fairfax Circle Visioning and Alternatives Development

The project will develop a vision and feasible design alternatives for the “hamburger roundabout” at Fairfax Circle (the intersection of Route 50 and Route 29). Project will support ongoing redevelopment of this area into a transit-friendly and walkable mixed-use activity center.



# Montgomery County Visually Impaired Navigation Study and Pilot Design

The project will make recommendations on which technologies and design standards should be applied to support safe navigation by blind and low vision pedestrians to and from transit in dense urban areas of Montgomery County.



# North Capitol Cloverleaf Urbanization Study

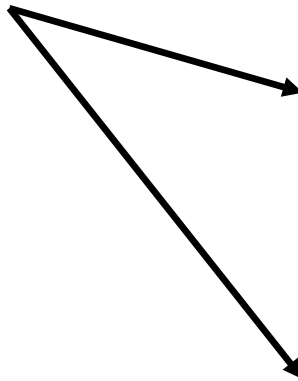
The project will provide intersection analysis for retrofitting the North Capitol and Irving Street Cloverleaf interchange into a pair of two connections between the grade separated roadways with four new signalized intersections.



# Transit Access Funding

Three projects will be funded with the Regional Transit Technical Assistance funds:

- Prince George's County -- Riggs Road Area Bicycle Boulevards (Purple Line)
- Montgomery County -- Visually Impaired Navigation (Silver Spring Metro Transit Center)
- Arlington County Micromobility Hub Prototype (Metro station TBD)



# Next Steps

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- Seek TPB approval of project recommendations at meeting on April 15
- Begin consultant selection process in May



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