



TRANSPORTATION/LAND USE CONNECTIONS

FY 2021 TECHNICAL ASSISTANCE

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Transportation Planner

Transportation Planning Board
April 15, 2020



National Capital Region
Transportation Planning Board

Agenda Item #8

Background on the TLC Program

- Began in 2006
 - 130 Technical Assistance projects funded for more than \$5 million between 2007-2020
- 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

- 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
 - *NEW THIS YEAR: 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

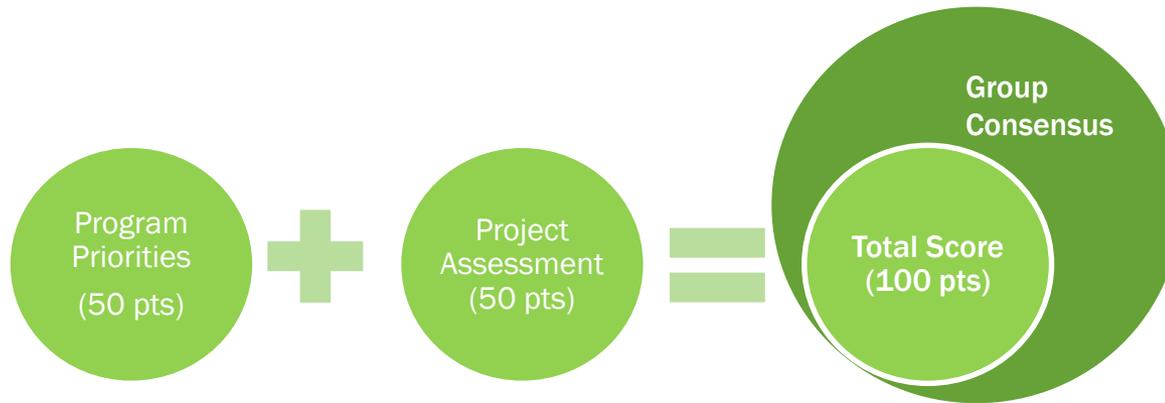
- Application solicitation period: January 13–March 9, 2020
 - Optional Abstracts were due January 27
- 21 applications were received
 - 3 applications from the District of Columbia, 7 from Maryland, and 11 from Virginia
 - Total of \$1,280,000 in requested funding



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

- 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 – on/near key regional trails



FY 2021 Draft Recommendations

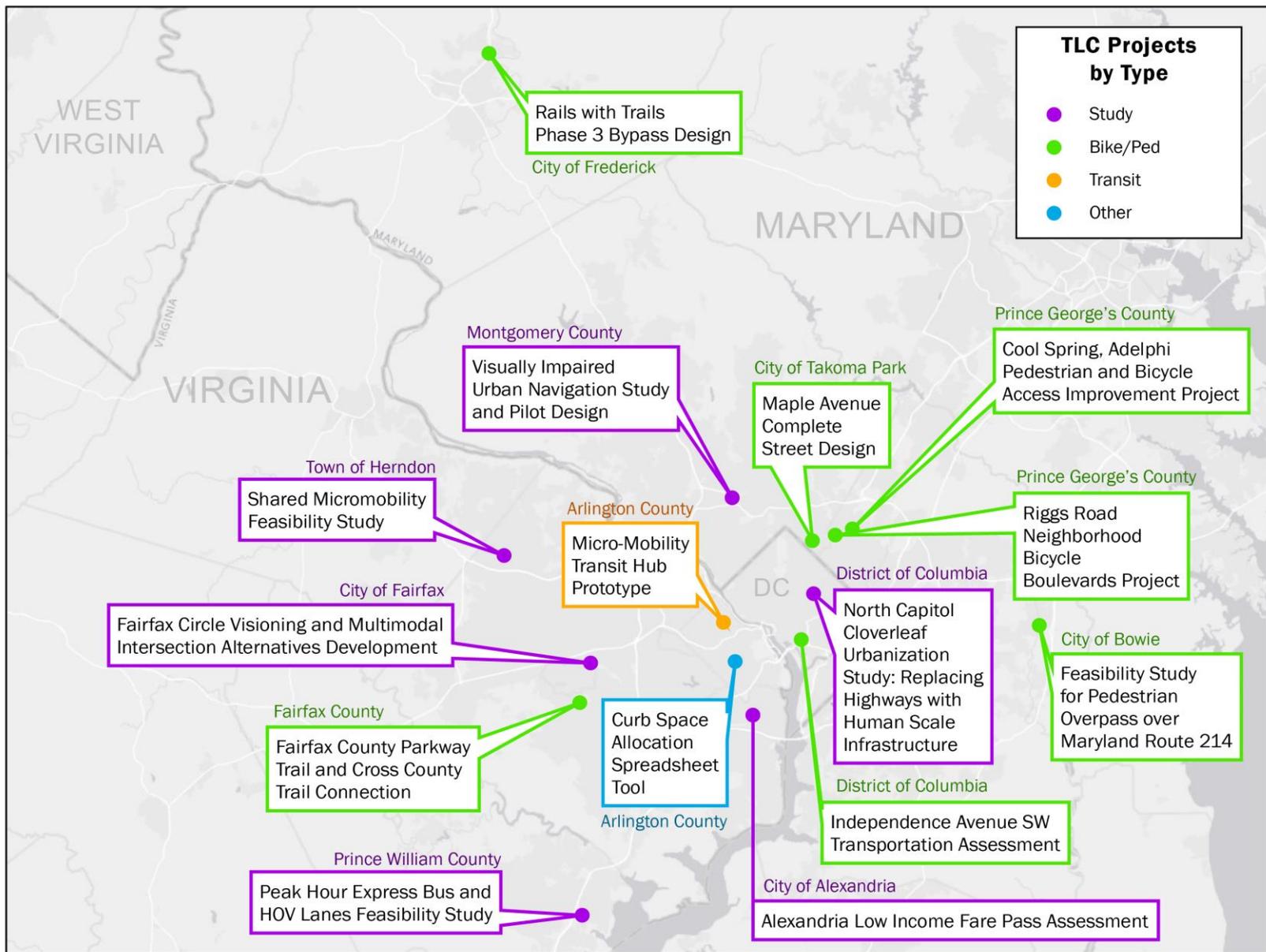
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|-----------------------|---|--------|
| Alexandria, City of | Alexandria Low Income Fare Pass Assessment | 40,000 |
| Arlington County | Micro-Mobility Transit Hub Prototype | 40,000 |
| Arlington County | Curb Space Allocation Spreadsheet Tool | 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...



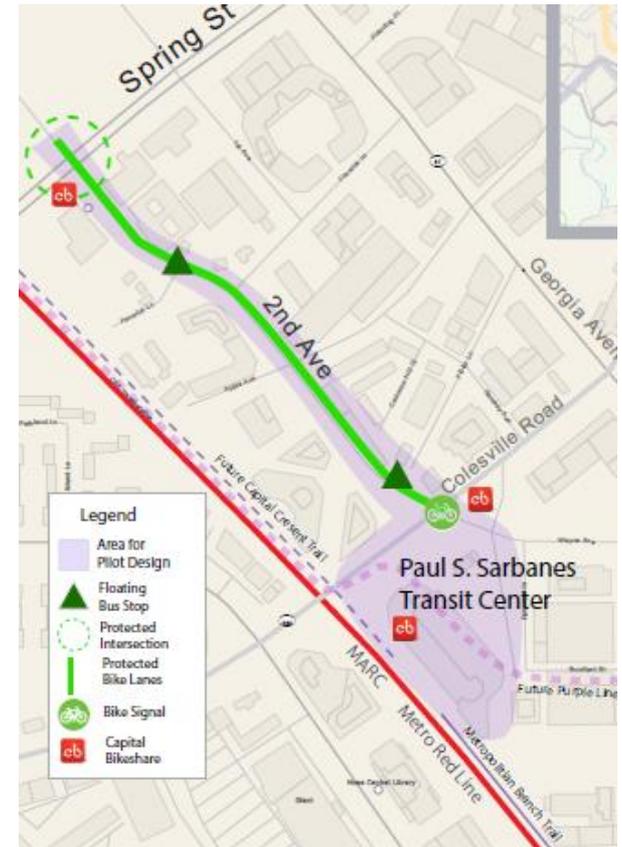
Fairfax Circle Visioning and Alternatives Development

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.



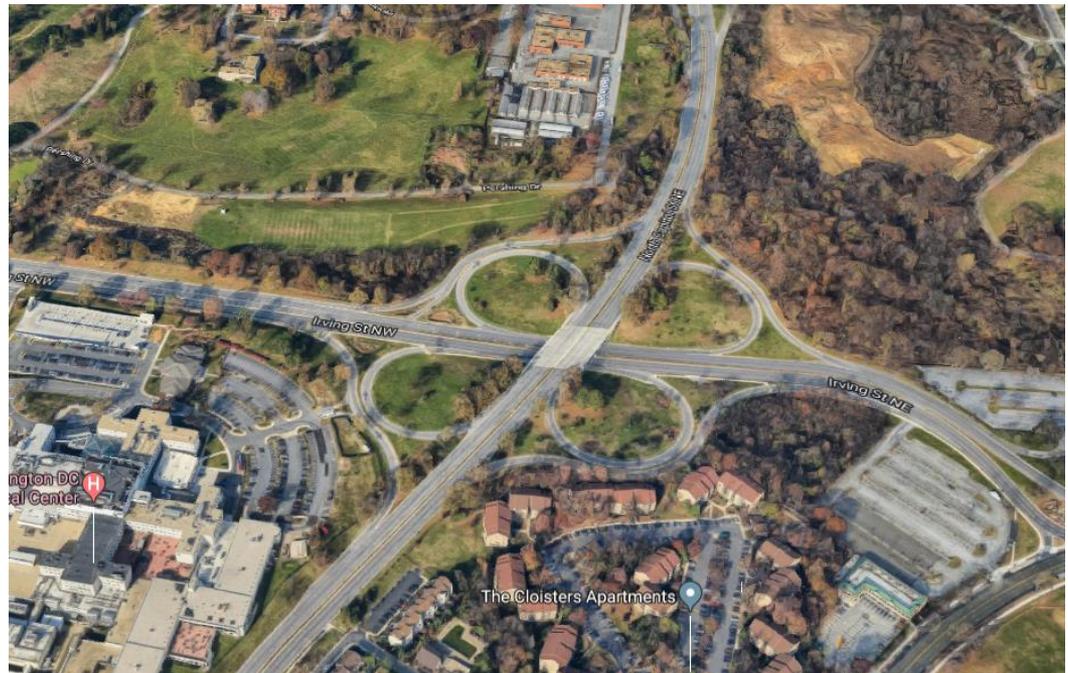
Montgomery County Visually Impaired Navigation Study and Pilot Design

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

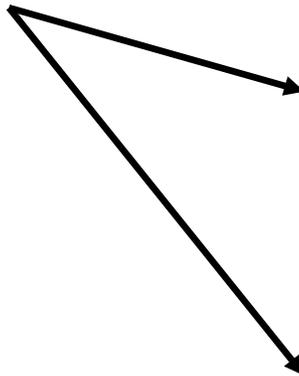
The project will provide intersection analysis for retrofitting the North Capitol and Irving Street Cloverleaf interchange into a pair of two connections between the grade separated roadways with four new signalized intersections



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

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



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