

ITEM 7 – Action
May 18, 2016

Approval of Technical Assistance Recipients under the FY 2017
Transportation Land-Use Connections (TLC) Program

Staff

Recommendation: Approve TLC technical assistance recipients under the FY 2017 TLC Program

Issues: None

Background: The TPB initiated the Transportation Land-Use Connections (TLC) Program in 2006 to provide support to local jurisdictions as they deal with the challenges of integrating land-use and transportation planning at the community level. To date, nearly 100 technical assistance projects have been funded through the program. The solicitation for the FY2017 TLC round of technical assistance was conducted between February 1 and April 1. The board will be briefed on the applications that a technical review committee has recommended for funding in FY 2017.



MEMORANDUM

TO: Transportation Planning Board
FROM: John Swanson, Plan Development and Support Manager
Lamont B. Cobb, Transportation Planner
SUBJECT: FY 2017 Transportation/Land Use Connections Technical Assistance Funding Recommendations
DATE: May 18, 2016

The technical assistance component of the Transportation/Land Use Connections Program (TLC) supports the integration of transportation and land use at the local level. TLC technical assistance provides focused consultant assistance to projects that address regional priorities and local planning issues in the Washington region.

TPB conducted the solicitation for FY 2017 technical assistance between February 1 and April 1, 2016. The FY 2017 UPWP includes \$420,000 (with \$160,000 reserved for projects in Maryland) for TLC technical assistance. The TLC Selection Panel reviewed the projects and met on April 27 to develop a list of recommendations. At that meeting, the panel selected eight projects to recommend for Board approval. Attachment A contains a list of the six recommended projects from the FY 2017 UPWP. Attachment B displays a map of the projects. Attachment C includes a history of all projects funded through TLC between FY 2007 and FY 2016.

For a more detailed account of FY 2017 projects and selection process, please see below.

FUNDING RECOMMENDATIONS FOR FY 2017

The TLC selection panel recommends that the following projects be funded under the FY 2017 TLC Technical Assistance Program:

District of Columbia - Metrorail Walkshed Improvement Project (\$40,000):

This project will examine specific connections and investments to improve the walkshed around the least walkable DC Metrorail stations, including Southern Ave, Naylor Road, and Fort Totten. The project will also investigate ROW needs, estimate capital costs, and complete other preliminary analysis. DDOT will use the project to bridge the gap between planning and implementation. The final report will include a list of prioritized capital improvements at each station with strategies for funding and implementation. The project will advance the work of the TPB's 2012 Station Access Study, as well as WMATA's current comprehensive Metrorail Walkshed study.

Falls Church, VA – West Falls Church Transportation Study (\$50,000):

This project will examine transportation issues on a new parcel granted to the City through a historic boundary adjustment agreement with Fairfax County. Up to a third of the parcel is open to the City for economic development efforts. The study area was the focus of a 2015 Urban Land Institute Technical Assistance Panel, focusing on land use. The final product of the TLC project will include

mode share goals, highway access ramp locations, street grid layout, and multimodal circulation plans related to proposed land uses on the site.

City of Frederick, MD – Golden Mile Multimodal Access Enhancement Plan 30% Design (\$80,000):

The project will create preliminary designs to address conversion of existing northside turn lanes on the Golden Mile to right turn/bus only lanes. The proposed street, bus stop, shelter, and pedestrian improvements will improve access to adjacent commercial districts. The application was submitted jointly with City of Frederick planning staff and Frederick County Transit services. The project will build off of a FY 2014 TLC planning project.

Greenbelt, MD – Senior Mobility and Accessibility Needs and Barriers Study (\$30,000):

The project will assess existing barriers and needs in transportation and land use related to Greenbelt's increasing senior population. The study will conduct demographic analysis, focus groups, surveys and best practices research to assess the needs of Greenbelt's senior population. The project will support the Greenbelt Assistance in Living programs for seniors, and promote collaboration with the University of Maryland and Bowie State University. The final product will provide recommendations to improve the level of mobility and accessibility for the city's seniors.

Manassas, VA – Streetscape Design Standards for Mathis Ave (\$30,000):

The project will address recommendations from two previous local planning efforts, as well as a 2010 Urban Land Institute Technical Assistance Panel, to revitalize the Mathis Ave area corridor. Through the project, enhanced streetscape design, multimodal improvements and other placemaking efforts will support the revitalization of the corridor. The final product will include streetscape design standards, street typologies, and recommendations for intersection improvements.

Montgomery County, MD – Bus Rapid Transit Station Design (\$80,000):

This project will create a standard program of requirements for conceptual designs of the County's future BRT Stations. The designs will provide a template for the new stations, customizable to adjacent land uses, local context, and projected ridership demand. The designs will also address branding, modular elements, and planning level cost estimates.

Prince William County, VA – Mixed-Use Connectivity and Multimodal Connectivity around Future VRE Stations (\$50,000):

This project will examine land use and transportation improvements around proposed Gainesville and Innovation VRE Stations. The study will look at last mile multimodal transportation connections, as well as density, form, land use and transit options in existing and future development. The project follows the development of the VRE-Haymarket extension in Northern Virginia and submitted jointly by VRE and the Prince William County planning office. The final product will include tiered recommendations for agency coordination and implementation.

Takoma Park, MD – New Avenue Bikeway (\$60,000):

This project will create preliminary designs and cost estimates for a proposed protected bike lane along a segment of New Hampshire Avenue in Takoma Park. The designs will connect to ongoing improvements of the Langley Park activity center, including the new transit center, bikeshare stations, and the future Purple Line route. The bikeway will be a protected on-street bike facility, utilizing low stress bike planning techniques.

APPLICATION SUMMARY

The TPB received 20 applications for FY 2017 TLC technical assistance, including one from the District of Columbia, ten from Maryland, and nine from Virginia (including one application from a multijurisdictional agency). TLC technical assistance applications are open to planning and preliminary engineering (“30% design”) projects. 16 applications represented planning projects and four represented design projects.

The TPB received \$1,080,000 in funding requests for FY 2017, with \$780,000 in requests for planning funds and \$300,000 in requests for design funds. In FY 2016, the TPB received 15 applications for 12 planning projects and three design projects. The total funding requested was higher in FY 2017, a 44% increase from a total request of \$749,000 in FY 2016.

The FY 2017 UPWP includes \$420,000 in funding for TLC technical assistance, including \$260,000 in regional funds and \$160,000 for Maryland projects from the state’s technical assistance account.

Brief descriptions of all applications received may be found in Attachment A to this memorandum.

APPLICATION PROCESS

On February 1, 2016, the TPB issued a call for projects for the FY 2017 round of TLC technical assistance. The deadline for application submissions was April 1, 2016. Applicants were invited to submit optional abstracts which provided applicants an interim opportunity to have TPB staff review project concepts and provide detailed feedback on how to develop a stronger TLC application.

For this application cycle, \$420,000 from the TPB’s FY 2017 UPWP is available for technical assistance projects. \$260,000 of that total is from regional funds, and the Maryland Department of Transportation (MDOT) committed an additional \$160,000 from its technical assistance account in the UPWP for projects in Maryland. In the FY 2017 program, technical assistance is again being offered in amounts from \$20,000 to \$60,000 for planning projects, and up to \$80,000 for 30% design projects.

The Call for Projects placed a special focus on key TPB priorities, including the goals of the Regional Transportation Priorities Plan, regional Activity Centers, access to transit, and cross-jurisdictional collaboration.

SELECTION PANEL

The selection panel included the following participants:

*Chair: Julia Koster, TPB Member
Director of Public Engagement
National Capital Planning Commission*

*Jamie Carrington, Senior Planner
Washington Metropolitan Area Transit Authority*

*Jonathan Esslinger, Director
Transportation and Development Institute*

*John Swanson, Plan Development and Support
Manager*

American Society of Civil Engineers

MWCOG

*Joel Mills, Director
Center for Communities by Design
American Institute of Architects*

*Michael Farrell, Transportation Planner
MWCOG*

*Lee Schoenecker, Chair of Regional and Inter-
Governmental Planning Division
American Planning Association*

*Lamont B. Cobb, Transportation Planner
MWCOG*

The selection panel met on April 27, 2016, to review the project applications and develop a list of recommended projects for the FY 2017 round of TLC technical assistance. The selection panel used the evaluation criteria and their own extensive industry knowledge to assess the proposed projects. TPB staff provided an overview of previous rounds of the TLC technical assistance program and was available to answer any questions related to the program. The selection panel members individually reviewed and scored each application based on their assessment of the project as well as the established program priorities. The panel members then used their scores to divide the applications in rankings of high/medium/low. The rankings served as a starting point for their collective discussion.

After additional review of the regional and local merits of each project, the selection panel developed a list of projects to recommend to the TPB for approval. The end result of the panel's deliberations is a slate of project recommendations that the panel endorses as the most locally and regionally beneficial. The panel strives to balance the TPB's portion of funding between the District of Columbia, Maryland, and Virginia, while also attempting to create a slate of projects that addresses regional priorities across a diversity of topics affecting core, inner, and outer jurisdictions.

PROPOSED PROJECT COMPLETION TIMELINE

On May 18, 2016, the TPB will be asked to approve the proposed slate of projects for completion under the FY 2017 TLC technical assistance program. Upon approval of the projects, TPB staff will begin to coordinate with the jurisdictions that have been awarded technical assistance to commence the consultant selection process from the pre-qualified list of TLC consultants. All projects will begin soon after consultant contracts are signed. The projects will be scheduled for completion by June 30, 2017.

REVIEW OF THE TLC PROGRAM TO DATE: 2006-2015

The TPB initiated the Transportation/Land-Use Connections (TLC) Program in November 2006 to provide support to local jurisdictions as they deal with the challenges of integrating land-use and transportation planning at the community level. In addition to providing technical assistance, the TLC Program has a Regional Peer Exchange Network and a web-based clearinghouse.

Currently the TPB has initiated 92 technical assistance projects in 18 of the TPB member jurisdictions for \$3.3 million in funding. During this period, 14 projects have been completed in the

District of Columbia, 48 projects in Maryland, and 28 in Virginia. Two projects were multi-jurisdictional. For more information about completed projects, please visit the TLC website at www.mwcog.org/tlc and click on “Completed Projects” under Technical Assistance Program.

The TLC technical assistance program began with a pilot phase in 2007, and has continued with nine fiscal-year phases from FY 2008 through FY 2016. Beginning in FY 2008, additional funding for projects in Maryland jurisdictions has been provided every year through Maryland’s Technical Assistance account in the TPB’s Unified Planning Work Program (UPWP), with the support of the Maryland Department of Transportation (MDOT). Special funding for Virginia projects was provided in 2007 through the Virginia Department of Transportation (VDOT) Multimodal Planning Grants Program.

Since FY 2009, the program has provided a range of funding for each project between \$20,000 and \$60,000. This funding range offers the potential for scaling applications so that technical assistance can be awarded at amounts less than what was requested. Beginning in FY 2013, the program began funding 30% design projects. The TPB also approved the use of an independent selection panel to oversee the project selection process for FY 2009 and subsequent years.

In FY 2012, the TLC Program grew to include the Regional Peer Exchange Network (RPEN), which provides a variety of opportunities and media to communicate information and best practices on TLC topics.

Projects completed through the TLC technical assistance program are summarized in Attachment C to this memorandum.

For further questions regarding the TLC program, contact TPB staff at (202) 962-3234 or at TLC@mwcog.org

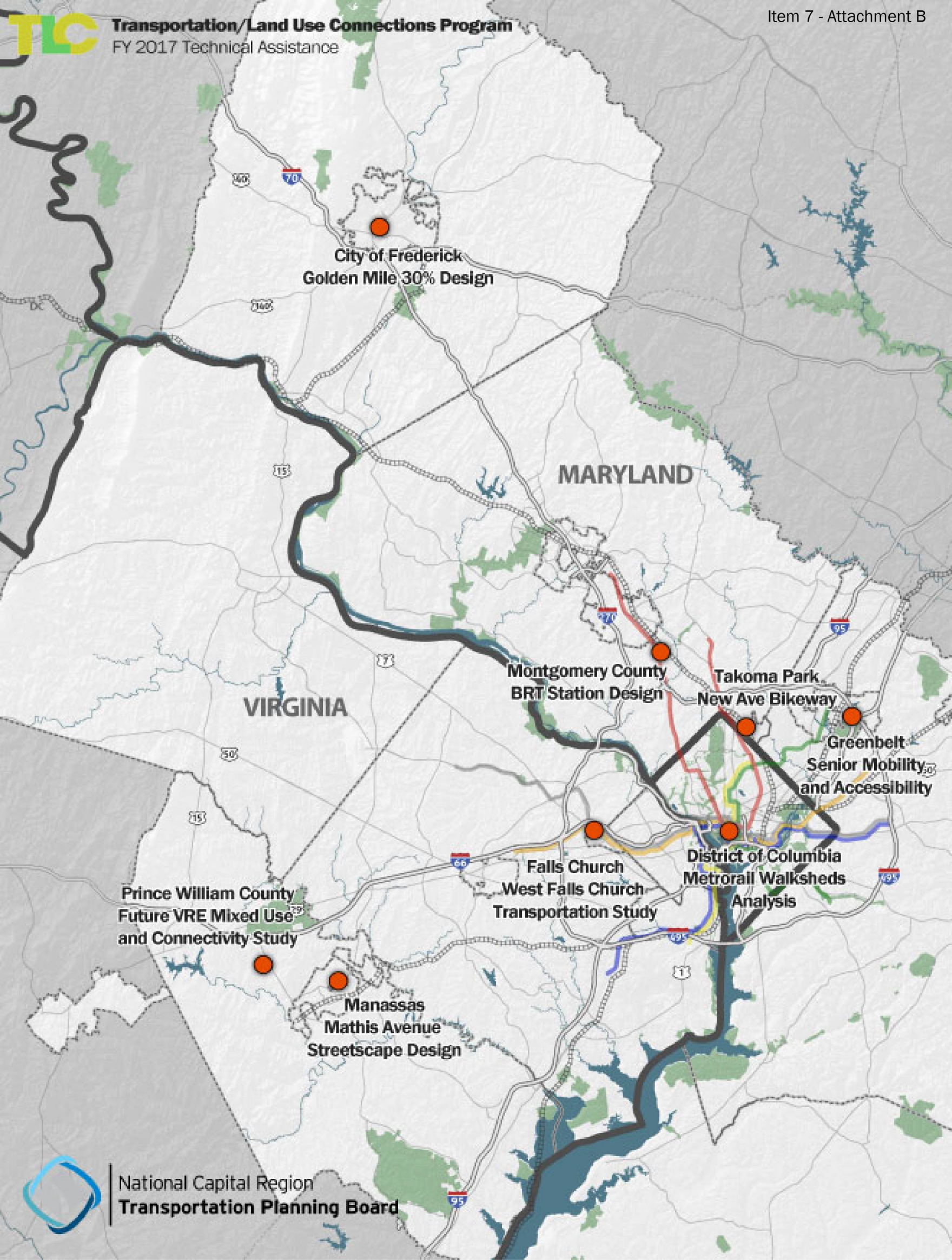
Projects recommendations are in bold below

	Applicant Jurisdiction	State	Contact Agency	Type	Project	Project Description	Budget Request	Panel Recommendation
1	City of Alexandria	VA	Transportation Dept.	Planning	Safe Routes to School Walk Audits & Action Plans	Coordination of walk audits at Alexandria schools to determine the need for infrastructure or operational improvements that will increase walking and biking to school. The audits will help create a prioritized list of short and long term improvements to encourage safe bike and pedestrian school access	\$60,000	
2	Arlington County	VA	Dept. of Environmental Services	Planning	Capital Bikeshare Expansion Market Research	Perform market research through focus groups and other means to help Capital Bikeshare attract more potential users. The final report will include policy, program and operation recommendations on how to attract a larger and more diverse market of riders.	\$45,000	
3	Arlington County	VA	Dept. of Environmental Services	Planning	Mobility Toolbox for Grocery Store Land Uses	Design a toolbox of solutions for transportation management and design on infill grocery store development.	\$50,000	
4	Arlington County	VA	Dept. of Environmental Services	Planning	Feasibility Study for a Transit/Bikeshare EcoPass	Feasibility study for the creation of a new travel pass product for use on local and regional transit and Capital Bikeshare. The study will determine a pricing structure, examine a range of market-demand scenarios, and make recommendations around marketing and customer support.	\$50,000	
5	District of Columbia	DC	District Dept. of Transportation	Planning	Metrorail Walkshed Improvement Project	Determine specific connections and investments to improve walkable area around least walkable Metro stations, including Southern Ave, Naylor Road, Fort Totten. Project will also investigate ROW needs, estimate capital costs, and complete other preliminary analysis.	\$50,000	\$40,000
6	City of Falls Church	VA	Development Services, Planning Division	Planning	West Falls Church Transportation Study	Transportation plan to address multimodal connections and land use issue between West Falls Church Metrorail Station and a 36 acre boundary adjustment area in the City.	\$60,000	\$50,000
7	City of Frederick	MD	Engineering Dept.	Planning	Frederick Municipal Airport Freight Scan	Analysis to support the enhancement of freight operations at Frederick Municipal Airport. Data collection, planning and forecasting effort will help the City and Airport specialize and grow operations related to medicine and technology logistics.	\$30,000	
8	City of Frederick	MD	Engineering Dept.	Design	Golden Mile Multimodal Enhancement Plan - 30% Design	30% Design services for preliminary engineering services for extending, connecting and converting the existing far right turn lane on the north side of the Golden Mile to right turn/bus only lanes with bus stops, shelters, and pedestrian improvements	\$80,000	\$80,000
9	City of Greenbelt	MD	Dept. of Planning and Community Planning	Planning	Greenbelt Senior Mobility and Accessibility Needs and Barriers Study	Assessment of existing barriers and needs related to Greenbelt's increasing senior populations. Final product will provide recommendations to improve the level of mobility and accessibility for the city's seniors.	\$60,000	\$30,000
10	City of Manassas	VA	Dept. of Economic Development	Planning	Streetscape Design Standards for Mathis Avenue	Implementation of the vision of the Mathis Avenue Sector plan recommendations for streetscape and design standards.	\$30,000	\$30,000
11	Montgomery County	MD	Dept. of Transportation	Design	Bus Rapid Transit Station Design	Development of a standard program of requirements for conceptual BRT station components in the County. Designs will incorporate different branding messages and modular elements to scale to different land uses and ridership demands.	\$80,000	\$80,000

Projects recommendations are in bold below

	Applicant Jurisdiction	State	Contact Agency	Type	Project	Project Description	Budget Request	Panel Recommendation
12	Montgomery County	MD	Maryland-National Capitol Park and Planning Commission	Design	Lost Knife Rode Separated Bike Lanes and Intersection Improvements	Preliminary engineering for physically separated bicycle lanes along Lost Knife Road between Montgomery Village Ave and Odendhal Ave, as well as the County's first protected intersection at Montgomery Village Ave, Lost Knife Rd and Christopher Ave.	\$80,000	
13	Montgomery County	MD	Dept. of Transportation	Planning	Wheaton Urban District Future of Transportation Study	Assessment of the emerging travel modes and technologies within urban and suburban districts in the County, using the Wheaton area as a case study. Final product will include best practices in parking requirements, roadway design standards, and other related infrastructure.	\$60,000	
14	Multiple	All	Northern Virginia Regional Commission	Planning	Multimodal Integration of a Commuter Fast Ferry on the Potomac	Analysis of parking capacity and multimodal integration around proposed terminal sites for a Potomac River Ferry supporting all three states.	\$60,000	
15	Prince William County	VA	Planning Office	Planning	Mixed-Use and Multimodal Connectivity around Future VRE Stations	Planning for integration of future Gainesville and Innovation Park VRE Stations to focus on land use studies and transportation improvements.	\$60,000	\$50,000
16	Prince William County	VA	Town of Occoquan	Planning	Evaluating Access to Downtown Occoquan	Evaluation of existing connections in the historic business district through multimodal transportation needs and connections to enhance existing community vision.	\$15,000	
17	City of Rockville	MD	Dept. of Public Works	Planning	Local Circulator Bus Feasibility Study	Feasibility study to determine the efficacy of a proposed circulator bus route in the City. The project will include technical analysis, public involvement and other government stakeholders. Final product will have five possible alternatives and further recommendations.	\$50,000	
18	City of Rockville	MD	Dept. of Public Works	Planning	Vision Zero Plan	Research to create a Vision Zero plan, with specific steps the City can take to reduce and eliminate all traffic deaths and severe traffic-related injuries.	\$50,000	
19	City of Takoma Park	MD	Dept. of Housing and Community Development	Design	New Ave Bikeway	Preliminary engineering for an on-street bike facility on New Hampshire Ave to connect to other ongoing transportation improvements in Langley Park.	\$60,000	\$60,000
20	City of Takoma Park	MD	Dept. of Housing and Community Development	Planning	Maple Avenue Complete Streets Concept Plan	Complete Streets redesign of Maple Avenue to provide better multimodal facilities and connections. The final design will include a concept plan for Maple Avenue between Sligo Creek Parkway and the District of Columbia boundary.	\$50,000	

Total Funding Requested: \$1,080,000
 Regional Funds: \$260,000
 Maryland Technical Assistance: \$160,000
Total TLC Funding: \$420,000





Technical Assistance Funding History FY 2007 - FY 2016
Transportation/Land Use Connections (TLC)



National Capital Region
Transportation Planning Board

Fiscal Year	Jurisdiction	Project	TPB Funding	MDOT Funding	VDOT Funding
2007	District of Columbia	Potomac Avenue Metro Station Revitalization Strategy	\$20,000		
2007	Multiple	Takoma/Langley Crossroads Pedestrian Access and Mobility Study	\$20,000		
2007	Charles County	Development of Urban Roads Standards	\$20,000		
2007	Fairfax County	Automobile "Levels of Service" in Transit Station Areas	\$20,000		
2007	Prince William County	Scoping Assistance: Impacts of BRAC on the Potomac Communities	\$20,000		
2007	Multiple	Public Presentation on Density Issues	\$20,000		
2007	Loudoun County	Leesburg-Dulles Greenway Bus Rapid Transit Feasibility Study (Town of Leesburg)			\$20,000
2007	Fairfax County	A Review of Rezoning Cases to Compare Projected and Actual Transportation Impacts			\$20,000
2007	City of Manassas Park	City Core Planning and Development: Strategic Action Plan Near the VRE Rail Station			\$20,000
2007	City of Falls Church	South Washington Street Corridor Planning			\$20,000
2007	City of Alexandria	A Review of the Transportation Management Plan (TMP) Program			\$20,000
2007		TOTAL:	\$120,000		\$100,000
11 PROJECTS			2007 TOTAL (TPB +VDOT): \$220,000		
2008	District of Columbia	"Multimodal Takoma!" - Development of a Multimodal Scorecard	\$20,000		
2008	District of Columbia	Recommendations for Performance-Based Parking Regulations Near the Nationals Ballpark	\$20,000		
2008	City of Bowie	Community Charrette on Pedestrian Trail Feasibility to the Bowie MARC Station		\$20,000	
2008	City of Frederick	Assessment of Pedestrian Crossing Options at East Street and Carroll Creek	\$20,000		
2008	Frederick, City/County	Fort Detrick Area Transit and Non-Motorized Transportation Access Study		\$20,000	
2008	City of Greenbelt	Maximizing Transit Opportunities in Greenbelt		\$20,000	
2008	Montgomery County	Recommendations for the Bethesda Circulator (Bethesda Urban Partnership)	\$20,000		
2008	Prince George's County	Identification of Appropriate TOD Strategies for the Landover Metro Station Area		\$20,000	
2008	Prince George's County	Recommendations for "Complete Streets" in the Prince George's Plaza Transit District		\$20,000	
2008	Prince William County	Transportation and Land-Use Strategies for the Yorkshire Corridor	\$20,000		
2008	Arlington County	Parking Management Plans: Process Improvements for Parking in New Development	\$20,000		
2008		TOTAL:	\$120,000	\$100,000	
11 PROJECTS			2008 TOTAL (TPB+MDOT): \$220,000		
2009	District of Columbia	Gateway Transportation Enhancement Project (NoMa BID)	\$50,000		
2009	City of Bowie	Pedestrian Trail System, Phase I Concept Development		\$20,000	
2009	Frederick County	MD-355 / MD-85 TOD Study		\$60,000	
2009	City of Greenbelt	Pedestrian and Bicycle Master Plan	\$30,000		
2009	City of Rockville	Complete Streets Policy	\$30,000		
2009	Prince George's County	Non-Motorized Transportation Study (Town of Cheverly)	\$10,000	\$20,000	
2009	City of Manassas Park	Marketing the Redevelopment Potential of TOD	\$20,000		
2009	Prince William County	Sustainability of Mixed-Use Development at Commuter Rail Stations	\$30,000		
2009		TOTAL:	\$170,000	\$100,000	
8 PROJECTS			2009 TOTAL (TPB+MDOT): \$270,000		
2010	District of Columbia	Independent Shuttle Bus Consolidation Strategy for the Greater Brookland Community	\$25,000		
2010	District of Columbia	Golden Triangle Business Improvement District Design Standards (Golden Triangle BID)	\$30,000		
2010	Charles County	Waldorf Urban Transportation Improvement Plan	\$30,000		
2010	Prince George's County	Purple Line Bicycle Access and Bicycle Hub Location Study	\$30,000		
2010	Prince George's County	Interim Pedestrian Safety Measures for the New Carrollton Metro Station		\$30,000	
2010	Prince George's County	Pedestrian-to-Transit Accessibility Prioritization Project		\$30,000	
2010	Arlington County	Multi-Use Trail Traffic Control Study	\$30,000		
2010	Fairfax County	Wiehle Avenue Station Multimodal Mobility Needs Analysis	\$45,000		
2010	Prince William County	Harbor Station Multimodal Commuter Center	\$30,000		
2010	Montgomery County	Analyzing Transportation Impacts of Neighborhood-Scale Retail		\$40,000	
2010		TOTAL:	\$220,000	\$100,000	
10 PROJECTS			2010 TOTAL (TPB+MDOT): \$320,000		



Technical Assistance Funding History FY 2007 - FY 2016
Transportation/Land Use Connections (TLC)



National Capital Region
Transportation Planning Board

Fiscal Year	Jurisdiction	Project	TPB Funding	MDOT Funding	VDOT Funding
2011	District of Columbia	Van Ness / UDC Metro and Commercial Corridor Enhancement Study	\$30,000		
2011	Frederick County	Freight Transportation and Land Use Connections	\$60,000		
2011	Montgomery County	US 29 / Cherry Hill Area TOD Scenarios	\$40,000	\$10,000	
2011	Prince George's County	Central Avenue TOD Corridor Pedestrian and Mobility Study		\$30,000	
2011	Prince George's County	Naylor Road Metro Station Area Accessibility Improvement Study		\$30,000	
2011	City of Rockville	Accessibility and Rockville's TODs: Safer Walkways to Transit		\$30,000	
2011	Arlington County	Best Practices in Providing Bicycle Facilities in Streetcar Corridors	\$30,000		
2011	Prince William County	Pedestrian Facility Standards for Mixed-Use Development Centers	\$60,000		
2011		TOTAL:	\$220,000	\$100,000	
8 PROJECTS		2011 TOTAL (TPB+MDOT):		\$320,000	
2012	District of Columbia	Farragut Square Pedestrian Safety/Access Study	\$30,000		
2012	Montgomery County	Glenmont Community Visioning Workshop Plan		\$30,000	
2012	Prince George's County	Transitway Systems Study	\$20,000	\$40,000	
2012	City of Rockville	Bikeway Master Plan Update		\$30,000	
2012	City of Takoma Park	New Hampshire Avenue Streetscape Design Standards		\$30,000	
2012	Arlington County	ADA Evaluation	\$50,000		
2012	Fairfax County	Multimodal Transportation Hubs in Tysons Corner	\$60,000		
2012	Multiple	TOD Housing Needs Analysis for District of Columbia, Prince George's County and Alexandria	\$60,000		
2012		TOTAL:	\$220,000	130000	
8 PROJECTS		2012 TOTAL (TPB+MDOT):		\$350,000	
2013	District of Columbia	Study of Affordable Housing with Access to Jobs via Multi-Modal Transit	\$60,000		
2013	City of College Park	College Park Metro Station - TOD Analysis		\$30,000	
2013	City of Greenbelt	Greenbelt Bus Stop Safety and Accessibility Study		\$30,000	
2013	Montgomery County	Study to Establish Parking Credits Related to Bike Sharing		\$30,000	
2013	City of Rockville	Cross-Jurisdictional Development Impacts: Transportation Capacity Analysis		\$30,000	
2013	City of Takoma Park	New Hampshire Avenue Multiway Boulevard Feasibility Study	\$10,000	\$40,000	
2013	City of Falls Church	Analysis of Transportation Demand Management along the Washington Street Corridor	\$40,000		
2013	Loudoun County	Town of Middleburg Washington Streetscape Improvement Plan	\$30,000		
2013	City of Frederick	East Street Trail Project Design (30 Percent Design Pilot Project)	\$80,000		
2013		TOTAL:	\$220,000	\$160,000	
9 PROJECTS		2013 TOTAL (TPB+MDOT):		\$380,000	
2014	District of Columbia	Parking Demand Research	\$60,000		
2014	District of Columbia	Sustainable DC: Healthy by Design Standards for Affordable Housing	\$30,000		
2014	City of Bowie	Bowie Heritage Trail Pedestrian Underpass of MD 197		\$40,000	
2014	City of Frederick	Golden Mile Multimodal Access Enhancement Plan		\$35,000	
2014	City of Gaithersburg	The Gaithersburg Connector: A Circulator Bus Network		\$45,000	
2014	Montgomery County	Guidance for Bikeway Classifications		\$40,000	
2014	Fairfax County	Bringing Capital Bikeshare to Reston, VA	\$30,000		
2014	Loudoun County	Enhancing Bicycle/Pedestrian Connectivity around Future Metro Stations	\$30,000		
2014	District of Columbia	Green Street: 19th Street Paving Removal Strategy (30 Percent Design Project)	\$70,000		
2014		TOTAL:	\$220,000	\$160,000	
9 PROJECTS		2014 TOTAL (TPB + MDOT):		\$380,000	



Technical Assistance Funding History FY 2007 - FY 2016
Transportation/Land Use Connections (TLC)



National Capital Region
Transportation Planning Board

Fiscal Year	Jurisdiction	Project	TPB Funding	MDOT Funding	VDOT Funding
2015	District of Columbia	Connecticut Ave / Forest Hills Paving Removal Strategy	\$70,000		
2015	Charles County	College of Southern Maryland, Hughesville Transportation Study		\$30,000	
2015	City of College Park	College Park Complete and Green Streets Policy and Implementation Plan		\$30,000	
2015	Montgomery County	Creating Non-Auto Infrastructure in the Life Sciences Center	\$20,000	\$40,000	
2015	Prince George's County	Central Avenue Trail Implementation Study	\$5,000	\$30,000	
2015	Prince George's County	Town of Upper Marlboro Bicycle and Pedstrian Study		\$30,000	
2015	Arlington County	Lee Highway Multimodal Needs Assessment	\$30,000		
2015	Arlington County	Sycamore Street Metro Station Area Complete Streets Design	\$80,000		
2015	City of Fairfax	Old Lee Highway "Great Street" Multimodal Planning	\$60,000		
2015		TOTAL:	\$265,000	\$160,000	
9 PROJECTS		2015 TOTAL (TPB+MDOT):		\$425,000	
2016	District of Columbia	K Street / Water Street Bikeway and Pedestrian Connectivity Enhancements	\$60,000		
2016	City of College Park	City-wide Bicycle Boulevards		\$30,000	
2016	City of Gaithersburg	Improving Access to Transit		\$30,000	
2016	City of Takoma Park	Parking Takoma Park: Smart Solutions for a Growing Activity Center		\$40,000	
2016	Arlington County	Low Stress Bicycle Network Mapping	\$45,000		
2016	Fairfax County	Determining Multi-family Residential Development Parking Demand and Trip Generation in Urbanizing Suburban Activity Centers: Let's Not Over Park	\$60,000		
2016	Prince William County	Safety and Connectivity in a Planned Community	\$30,000		
2016	Prince George's County	Central Avenue Connector Trail 30% Design Project	\$20,000	\$60,000	
2016	Fairfax County	Vienna Metro Station Area Bicycle Improvements	\$45,000		
2016		TOTAL:	\$260,000	\$160,000	
9 PROJECTS		2016 TOTAL (TPB+MDOT)		\$420,000	
		TOTAL:	\$ 2,035,000	\$ 1,170,000	\$ 100,000
TOTAL TLC FUNDING TO DATE:				\$3,305,000	
TOTAL PROJECTS TO DATE:				92	