



MEMORANDUM

TO: TPB Technical Committee
FROM: John Swanson, Transportation Planner
SUBJECT: FY 2018 Transportation/Land Use Connections Technical Assistance Funding Recommendations
DATE: May 5, 2017

This memo provides information on projects that will be recommended for funding in the FY 2018 round of technical assistance under Transportation Land-Use Connections (TLC) Program. The TLC Program provides consultant support to local jurisdictions as they deal with the challenges of integrating land-use and transportation planning at the community level.

The TPB is scheduled to vote on the TLC project recommendations on May 17.

FUNDING RECOMMENDATIONS FOR FY 2018

The TPB received 11 project applications for FY 2018 TLC technical assistance, including two from the District of Columbia, five from Maryland, and four from Virginia. Planning and preliminary engineering (“30% design”) projects are eligible to apply for TLC technical assistance.

For FY2018, the total application package requested amount was \$615,000. Requested funding for individual projects ranged from \$30,000 to \$60,000. Last year, for FY 2017, the TPB received 20 applications for a total request of \$1,080,000.

The FY 2017 Unified Planning Work Program (UPWP) provides up to \$420,000 in funding for TLC technical assistance, including \$260,000 in regional UPWP planning funds and \$160,000 for Maryland projects from the state’s technical assistance account in the UPWP. A brief description of all applications received may be found in the attachments to this memorandum.

Staff is recommending that the following projects be funded under the FY 2018 TLC Technical Assistance Program:

District of Columbia - DC Public Space Activation and Stewardship Guide (\$60,000)

This project will develop a public space activation and stewardship guide for the District of Columbia, focusing on new uses for public rights-of-way. The guide will include techniques for creative placemaking, interagency collaboration, investment, permanent improvements, and community partnerships. The final deliverable will include the guide and a pilot implementation project.

Charles County – Waldorf Urban Area Bicycle / Pedestrian Connectivity Analysis (\$50,000)

Existing facilities will be assessed to determine local needs for connectivity, circulation, and convenience of bicycle and pedestrian travel in Waldorf. The final deliverable will include facility type and design recommendations, a prioritization schedule for implementation, and cost estimates.

College Park – Rhode Island Ave Protected Bike Lane Design - 30% Design (\$55,000)

The project will provide 30% design work for 1.1 miles of new bicycle facilities along Rhode Island Avenue, from Greenbelt Road to Muskogee Street. The project will align with the City's existing efforts on the College Park Trolley Trail. The final deliverable will include 30% design drawings and construction cost estimates.

Montgomery County – Developing Educational Materials for the New Infrastructure in BiPPAs and Bikeways Program (\$60,000)

The county will develop new bilingual/ADA educational training material to alert users of new safety infrastructure planned in Bicycle and Pedestrian Priority Areas (BiPPAs) and the Bikeways Program Areas. The educational training materials will be piloted in White Flint and Silver Spring activity centers.

Prince George's County – Washington, Baltimore and Annapolis Trail Extension Feasibility Analysis (\$30,000)

A feasibility analysis will examine the potential for extending the Washington, Baltimore, and Annapolis Trail along MD 704 from MD 450 to the DC Boundary. The report will include a proposed alignment, potential design issues, implementation phases, funding sources, and illustrative sketches of proposed trail sections.

Fairfax County – Columbia Pike Bike and Pedestrian Study (\$45,000)

This study will review and analyze the existing bicycle and pedestrian infrastructure along Columbia Pike. It will make recommendations that identify progressive infrastructure improvements. The final report will include a map of recommendations, proposed facility improvements, prioritization matrix, and planning level cost estimates.

Fairfax County – Technology Plan for a Travel Monitoring Program in Tysons (\$45,000)

The project will develop a travel monitoring program for Tysons to include continuous and automated counters to collect volumes for all modes of travel. The program will use the data to identify travel patterns, allow for timely programming and funding decisions, and will suggest system adjustments. The final deliverable will identify appropriate tools and technology to collect and analyze the travel data, work with stakeholders, and estimate costs of implementation and operations.

Loudoun County – Engineering Analysis to Improve Bicycle and Pedestrian Connections to Future Metro Stations (\$25,000)

Building on FY 2014 TLC study, an engineering analysis will support identified improvements for bicycle and pedestrian facilities within one-mile radius of future Metrorail stations. This project would document site-specific data to advance implementation of improvements to address safety issues across all modes. The final product will be a traffic signal warrant analysis addressing the existing conditions and documenting site-specific data.

APPLICATION PROCESS

On February 3, 2017, the TPB issued a call for projects for the FY 2018 round of TLC technical assistance. The deadline for application submissions was April 3, 2017. Applicants were invited to

submit optional abstracts which provided applicants an interim opportunity for TPB staff review project concepts and provide feedback on how to develop stronger TLC applications.

For this application cycle, \$260,000 from the TPB's FY 2018 UPWP is available for technical assistance projects. In addition, the Maryland Department of Transportation (MDOT) committed \$160,000 from its technical assistance account in the UPWP for projects in Maryland.

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
National Capital Planning
Commission*

*Joel Mills,
American Institute of
Architects*

*Michael Farrell
COG/TPB*

*Ayan Addou
Virginia Housing
Development Authority*

*Mina Wright General
Services Administration*

*Nicole McCall
COG/TPB*

*Jonathan Esslinger,
American Society of Civil
Engineers*

*Lee Schoenecker,
American Planning
Association*

*John Swanson
COG/TPB*

The selection panel met on April 24, 2017, to review the project applications and develop a list of recommended projects for the FY 2018 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.

MARYLAND REVIEW PROCESS

Because the Maryland Department of Transportation (MDOT) annually allocates a portion of its UPWP Technical Assistance funding to the TLC Program, the department has typically been provided the opportunity to review and comment upon the selection panel's recommendations.

Some changes in the selection panel's recommendations occurred this year as a result of MDOT's review. The selection panel recommended funding for an application from Prince George's County Maryland National Capital Park and Planning Commission to develop an Operations & Maintenance Plan for the Central Avenue Connector Trail. However, based upon input from MDOT and the Maryland State Highway Administration, it was determined that funding for this project would be premature. Staff therefore removed the project from the list of recommendations.

MDOT also requested that full funding in the amount of \$60,000 be provided to the Montgomery County project titled "Developing Educational Materials for the New Infrastructure in BiPPAs and Bikeways Program." The applicant had requested \$60,000, but the selection panel had recommended funding it at \$50,000.

PROPOSED PROJECT COMPLETION TIMELINE

On May 17, 2017, the TPB will be asked to approve the proposed slate of projects for completion under the FY 2018 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 May 31, 2018.

REVIEW OF THE TLC PROGRAM TO DATE: 2006-2017

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 includes a Regional Peer Exchange Network and provides support for the TPB's project selection role under the federal Transportation Alternatives Program (TAP).

Since its inception, the TPB has funded 100 technical assistance projects in all of the TPB's member jurisdictions for nearly \$4 million in funding. 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 annual 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.

The program currently provides a range of funding between \$20,000 and \$60,000 for planning projects. 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 up to \$80,000.

In addition to providing technical assistance for planning, the TLC Program includes the Regional Peer Exchange Network, which provides a variety of opportunities and media to communicate information and best practices on TLC topics.


Since 2012, the program has also provided supported for the TPB's role in the project selection process for small capital improvements using funding sub-allocated to the Washington metropolitan region through the state DOTs from the federal Transportation Alternatives Program (TAP).

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

For further questions regarding the TLC program, contact TPB staff at (202) 962-3295 or at TLC@mwkog.org.

ATTACHMENTS

Attachment A contains a list of the recommended projects. Attachment B includes a history of all projects funded through the TLC Program between FY 2007 and FY 2017.

 Transportation / Land Use Connections Program FY 2018 Technical Assistance Project Recommendations				
<i>Applicant Jurisdiction</i>	<i>Project</i>	<i>Budget Request</i>	<i>Panel Recommendation</i>	<i>Staff Recommendation</i>
District of Columbia	DC Public Space Activation and Stewardship Guide	\$60,000	60,000	60,000
District of Columbia	Ranking of DC Government Buildings Public Rights of Way based on Asset Collection	\$60,000		
Charles County	Waldorf Urban Area Bicycle / Pedestrian Connectivity Analysis	\$50,000	50,000	50,000
College Park	Rhode Island Ave Protected Bike Lane Design	\$55,000	55,000	55,000
Montgomery County	Developing Educational Materials for the new infrastructure in BiPPAs and Bikeways Program	\$60,000	50,000	60,000
Prince George's County	Central Avenue Connector Trail: Operations & Maintenance Plan	\$60,000	60,000	
Prince George's County	Washington, Baltimore and Annapolis Trail Extension	\$30,000	30,000	30,000
Fairfax County	Columbia Pike Bike and Pedestrian Study	\$60,000	45,000	45,000
Fairfax County	Technology Plan for a Travel Monitoring Program in Tysons	\$60,000	45,000	45,000
Loudoun County	Loudoun: Engineering Analysis to Improve Bicycle and Pedestrian Connections to Future Metro Stations	\$60,000	25,000	25,000
Prince William County	Integrating Transportation and Land Use Plans to Develop a Multimodal Transportation Plan	\$60,000		
		\$615,000	420,000	370,000



Transportation/Land Use Connections (TLC)
 Technical Assistance Funding History FY 2007 - FY 2017



Fiscal Year	Jurisdiction	Project	TPB Funding	MDOT Technical Assistance	VDOT Grant
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
2007	11 PROJECTS	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	Arlington County	Parking Management Plans: Process Improvements for Parking in New Development	\$20,000		
2008	Prince William County	Transportation and Land-Use Strategies for the Yorkshire Corridor	\$20,000		
		TOTAL:	\$120,000	\$100,000	
2008	11 PROJECTS	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		
		TOTAL:	\$170,000	\$100,000	
2009	8 PROJECTS	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	
		TOTAL:	\$220,000	\$100,000	
2010	10 PROJECTS	TOTAL (TPB+MDOT):	\$320,000		



Transportation/Land Use Connections (TLC)
 Technical Assistance Funding History FY 2007 - FY 2017



Fiscal Year	Jurisdiction	Project	TPB Funding	MDOT Technical Assistance	VDOT Grant
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		
		TOTAL:	\$220,000	\$100,000	
2011	8 PROJECTS	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		
		TOTAL:	\$220,000	130000	
2012	8 PROJECTS	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 Frederick	East Street Trail Project Design (30 Percent Design Pilot Project)	\$80,000		
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		
		TOTAL:	\$220,000	\$160,000	
2013	9 PROJECTS	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	District of Columbia	Green Street: 19th Street Paving Removal Strategy (30 Percent Design Project)	\$70,000		
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		
		TOTAL:	\$220,000	\$160,000	
2014	9 PROJECTS	TOTAL (TPB + MDOT): \$380,000			



Transportation/Land Use Connections (TLC)
 Technical Assistance Funding History FY 2007 - FY 2017



Fiscal Year	Jurisdiction	Project	TPB Funding	MDOT Technical Assistance	VDOT Grant
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 Pedestrian 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		
		TOTAL:	\$265,000	\$160,000	
2015	9 PROJECTS	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	Prince George's County	Central Avenue Connector Trail 30% Design Project	\$20,000	\$60,000	
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	Fairfax County	Vienna Metro Station Area Bicycle Improvements	\$45,000		
2016	Prince William County	Safety and Connectivity in a Planned Community	\$30,000		
		TOTAL:	\$260,000	\$160,000	
2016	9 PROJECTS	TOTAL (TPB+MDOT): \$420,000			
2017	District of Columbia	Metro Walkshed Improvement Project	\$40,000		
2017	City of Frederick	Golden Mile Multimodal Access Enhancement Plan - 30% Design		\$80,000	
2017	City of Greenbelt	Senior Mobility and Accessibility Needs and Barriers Study	\$30,000		
2017	Montgomery County	Bus Rapid Transit Station Design		\$80,000	
2017	City of Takoma Park	New Ave Bikeway	\$60,000		
2017	City of Falls Church	West Falls Church Transportation Study	\$50,000		
2017	City of Manassas	Streetscape Design Standards for Mathis Avenue	\$30,000		
2017	Prince William County	Mixed-use and Multimodal Connectivity Around Future VRE Stations	\$50,000		
		Total:	\$260,000	\$160,000	
2017	8 PROJECTS	TOTAL (TPB+MDOT): \$420,000			
		TOTAL:	\$ 2,295,000	\$ 1,330,000	\$ 100,000
TOTAL TLC FUNDING TO DATE:				\$3,725,000	
TOTAL PROJECTS TO DATE:				100	