



To: TAC and TCC
From: Tyler Meyer, AICP, Transportation Planning Division Manager
Subject: **FY 2018-19 Unified Planning Work Program & FY 2018-27 MTIP Modification**
Date: February 27, 2019

Background

The Unified Planning Work Program (UPWP) guides MPO planning activities for the fiscal year and identifies a program of work for reimbursement under annual planning grants received under the FHWA and FTA programs. From time to time amendments are required to add or remove funding and/or shift resources between work task codes.

Amendment needed to add available funding

The FY 2018-2019 UPWP provides for a total amount of \$ 430,109 in federal funds with a local in-kind service match of 107,527. Additional funds totaling \$27,500 are needed at this time to cover expenditures through June 30, 2019. These expenditures include employee wages and benefits, administrative expenses, and necessary transportation planning resources including Miovision traffic counting credits and Remix transit planning software.

- Add \$22,000 in STBGDA funds to the UPWP budget to bring the federal funding level to \$452,108.
- This requires provision of an additional \$5500 in local in-kind service match, bringing that total to \$113,027
- The additional funding will be added to work tasks: II-A-1 Networks & Support Systems.
- At the same time, the MTIP will be amended to increase STBGDA funds flexed to planning in FY 2019 by \$22,000. The FY 2020 STBGDA supplement will be reduced by the same amount.

Recommended Action & Next Steps

- Amend UPWP and modify MTIP on February 27, 2018. NCDOT & FHWA approval will follow.

Attachments

- Priority Work Initiatives: Planning activity highlights. Additions are underlined.
- UPWP Amendment Table: Adds funds under II-A-1 Networks and Support Systems
- MTIP Amendment Table: Advances funds from FY 2020 to FY 2019 under project U-0685/M-0433
- Resolution Approving the FY 2018-2019 UPWP Amendment.

Planning for the transportation future

Priority Work Initiatives

Plan and Program Development & Implementation

- Complete *Mobility Greensboro 2040 Long Range Public Transportation Plan*. Work on implementation including route modifications, on the ground infrastructure, financing and funding options, and strategic partnerships with businesses, institutions, and the community.
 - Create a new Transit Planner position to support Mobility Greensboro implementation and more fully integrate transit into the MPO process.
 - Evaluate ridership and schedule adherence for GTA Fixed Routes and HEAT service.
 - Conduct a customer service evaluation process.
 - Acquire and use Remix transit planning software to support GTA route planning and Mobility Greensboro Implementation. This will also support future review of opportunities for coordination with PART for meeting regional transit service needs since PART uses the same software.
 - Support development of financial strategies to support operations, maintenance, and capital funding, including a long range financial plan in collaboration with GTA.
- Update the *Coordinated Human Services Public Transportation Plan*. Work on implementation including a call for projects and allocation of available funds to eligible projects.
- Support the *City of Greensboro Comprehensive Plan Update* and land use planning by other member agencies.
- Work on the Greensboro *Vision Zero Initiative* and development of a Greensboro *Vision Zero Action Plan*.
 - Implement bicycle and pedestrian education and promotion programs including Bike Month.
 - Implement *Watch for Me NC* in conjunction with area law enforcement agencies.
 - Support area *Safe Routes to Schools* initiatives.
 - Support development of partnerships between relevant agencies including public health, law enforcement, education, and others as a key element of Vision Zero.
 - Identify and prioritize infrastructure improvement needs, policy changes, and other steps as a part of the Vision Zero Action Plan.
- Work on *BiPed Plan* implementation.
 - Refine the short term bicycle project implementation plan.
 - Develop a successor to the old Metropolitan Area Bicycle Map. This will include easy to use, mobile-device-friendly on-line bike route mapping resources. Evaluate, and if needed, scope out and prepare an in-print version.
- Develop and administer the Metropolitan Transportation Improvement Program.
 - Administer the MTIP FY 2018-2027 including amendments and ensuring consistency with the STIP.
 - Implement the MPO Ranking Process for Prioritization 5.0 including public involvement activities and do preliminary work on the FY 2020-2029 TIP document.
 - Coordinate and conduct Transportation Alternatives Program project development activities. This includes soliciting projects, evaluating projects, project selection, and the administration of TAP projects.
- Administer the 2040 Metropolitan Transportation Plan.
 - Assess infrastructure improvement needs to identify candidate projects for NCDOT Prioritization and future revisions to the elements of the 2040 Metropolitan Transportation Plan (including the state required CIP element). This may include feasibility, corridor, or area studies as needed.
 - Assess freight issues and related transportation needs. Identify needed future revisions to the freight element of the Metropolitan Transportation Plan Update. Identify needs for consideration under the Prioritization 6.0 Process.

Performance Measures, Tools, and Data

- Support Regional Model Work Plan implementation.
 - Continue freight model development.
 - Continue work on an overall travel demand model update. Updating planning assumptions including future year socioeconomic forecasts and other data inputs..
- Continue shift towards performance based planning.
 - Refine framework for collecting, analyzing, and publishing data to support performance measures and meet federal performance measure establishment and reporting requirements. Establish performance targets for PM2 and PM3 items as required for FAST Act compliance.
 - Collect data to support performance measures under the established Congestion Management Process

Priority Work Initiatives

(CMP).

- Devise additional performance measures and collect data for the next CMP and MTP updates.
- Go beyond federal minimums as feasible and establish meaningful locally relevant performance measures for roadways, public transportation, greenways, bicycle facilities and usage, and sidewalk usage and conditions.
- Pursue staff development and training needed to strengthen the data-driven analytical components of the planning process.
- Hire specialized consultant expertise as needed to support these tasks.
- Complete sidewalk and curb ramp condition data collection. Prepare an analysis of repair, reconstruction, and modernization needs. Collect other transportation infrastructure conditions data as needed.
- Collect and as needed purchase processed data including motorized traffic counts and speeds, bicycle and pedestrian volume counts, freight information, crash data, socioeconomic data, and environmental data.
- Support motorized and non-motorized volume count programs by purchasing additional counting equipment as needed.
- Integrate bicycle and pedestrian counts and intensity information into functional geodatabases that are compatible with and easily analyzable against motorized traffic counts and other data.
 - Determine how to reconcile disparate data sources, including Miovision and EcoCounter counts, Strava data (relative intensity of usage information rather than comprehensive counts), and data from LimeBike.
 - Determine how to integrate with vehicular volume data. As needed, create enhanced motorized traffic count geodatabases.
- Update Vehicular, Bicycle, and Pedestrian data and crash analyses. Work with NC Vision Zero and the Greensboro Vision Zero Initiative to mine additional data sources. Develop a platform for data and information sharing among relevant agencies and/or public to facilitate further analysis.

Projects

- Manage the MPO's locally administered federal and state project programs, including agreements and ensuring MTIP consistency. Participate in the NCDOT project development, environmental study, and permitting process for area projects.
- Oversee local government federal-aid project development activities for pedestrian and bicycle facilities, transit, and highway improvements.
- Increase public awareness of pending projects through means such as the online Roadway Project Locator tool and Project Update Newsletter.
- Coordinate review and involvement for local government feedback on NCDOT project designs.
- Give design guidance to NCDOT, the City, MPO Area Towns and developers on bicycle & pedestrian facility construction.
- Coordination on developing and maintaining greenways of regional significance.
- Coordination with e-scooter sharing and bicycle sharing providers and stakeholders such as UNC-G and DGI on data and implementation.

Administration

- Administer the MPO planning process including TAC and TCC meetings and associated correspondence.
- Administer public involvement activities, including public meetings, outreach efforts, and the Bicycle and Pedestrian Advisory Committee.
- Conduct staff development and training activities to support MPO planning and administration functions. This includes webinars, classes, and conferences. Conferences will include NCAMPO, NCAPA, NCSITE, NC Bike Summit, and the Transportation Research Board Annual meeting and others.
- Participate in NCAMPO and represent the group as Vice President and Prioritization Workgroup member.

Unified Planning Work Program FY 2018-2019 Amendment

			MPO Planning - PL104		STP-DA		Transit Planning - 5303			Additional	OVERALL TOTALS			Grand Total
FTA	TASK	TASK	Local	Federal	Local	Federal	Local	State	Federal	Local	Local	State	Federal	
CODE	CODE	DESCRIPTION	20%	80%	20%	80%	(10%)	(10%)	(80%)	(100%)				
	II-A	Data and Planning Support												
44.24.00	II-A-1	Networks and Support Systems	\$ 17,500	\$ 70,000	\$ 5,500	\$ 22,000	\$ 17,600	\$ 17,600	\$ 140,800	\$ -	\$ 40,600	\$ 17,600	\$ 232,800	\$ 291,000
44.23.01	II-A-2	Travelers and Behavior	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44.23.02	II-A-3	Transportation Modeling	\$ 15,000	\$ 60,000			\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ 60,000	\$ 75,000
	II-B	Planning Process												
44.23.02	II-B-1	Target Planning	\$ 5,108	\$ 20,431	\$ 12,500	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 17,608	\$ -	\$ 70,431	\$ 88,039
44.23.01	II-B-2	Regional Planning	\$ 17,669	\$ 70,677	\$ 12,500	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 30,169	\$ -	\$ 120,677	\$ 150,846
44.27.00	II-B-3	Special Studies	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	III-A	Planning Work Program												
44.21.00	III-A-1	Planning Work Program	\$ 1,250	\$ 5,000			\$ -	\$ -	\$ -	\$ -	\$ 1,250	\$ -	\$ 5,000	\$ 6,250
44.24.00	III-A-2	Metrics and Performance Measures	\$ 2,500	\$ 10,000			\$ -	\$ -	\$ -	\$ -	\$ 2,500	\$ -	\$ 10,000	\$ 12,500
	III-B	Transp. Improvement Plan												
44.25.00	III-B-1	Prioritization	\$ 5,500	\$ 22,000			\$ -	\$ -	\$ -	\$ -	\$ 5,500	\$ -	\$ 22,000	\$ 27,500
44.25.00	III-B-2	Metropolitan TIP	\$ 2,500	\$ 10,000			\$ -	\$ -	\$ -	\$ -	\$ 2,500	\$ -	\$ 10,000	\$ 12,500
44.25.00	III-B-3	Merger/Project Development	\$ 625	\$ 2,500			\$ -	\$ -	\$ -	\$ -	\$ 625	\$ -	\$ 2,500	\$ 3,125
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.												
44.27.00	III-C-1	Title VI Compliance	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-2	Environmental Justice	\$ 375	\$ 1,500			\$ -	\$ -	\$ -	\$ -	\$ 375	\$ -	\$ 1,500	\$ 1,875
44.27.00	III-C-3	Minority Business Enterprise Planning	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-4	Planning for the Elderly	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-5	Safety/Drug Control Planning	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-6	Public Involvement	\$ 2,000	\$ 8,000			\$ -	\$ -	\$ -	\$ -	\$ 2,000	\$ -	\$ 8,000	\$ 10,000
44.27.00	III-C-7	Private Sector Participation	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	III-D	Statewide & Extra-Regional Planning												
44.27.00	III-D-1	Statewide & Extra-Regional Planning	\$ 1,250	\$ 5,000			\$ -	\$ -	\$ -	\$ -	\$ 1,250	\$ -	\$ 5,000	\$ 6,250
	III-E	Management Ops, Program Suppt Admin												
44.27.00		Management Operations	\$ 11,250	\$ 45,000			\$ -	\$ -	\$ -	\$ -	\$ 11,250	\$ -	\$ 45,000	\$ 56,250
		TOTALS:	\$ 82,527	\$ 330,108	\$ 30,500	\$ 122,000	\$ 17,600	\$ 17,600	\$ 140,800	\$ -	\$ 130,627	\$ 17,600	\$ 592,908	\$ 741,135
			Local	Federal	Local	Federal	Local	State	Federal	Local	Local	State	Federal	Grand Total
			PL 104		STP-DA		Transit Planning - 5303			Additional	Totals			

Metropolitan Transportation Improvement Program FY 2018-2027 Modification

MTIP Modification (*Struckthrough text indicates items to be changed*)

ID #	DESCRIPTION	FUNDS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
U- 6085/M- 0433	<u>Various, Supplemental Funding for Geensboro Urban Area MPO Unified Planning Work Program</u>	L	25,000	25000	25000	25000	25000	25000	25000
		STBGDA	100,000	100000	100000	100000	100000	100000	100000

MTIP Modification (*Underlined text indicates proposed changes or additions*)

ID #	DESCRIPTION	FUNDS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
U- 6085/M- 0433	<u>Various, Supplemental Funding for Geensboro Urban Area MPO Unified Planning Work Program</u>	L	<u>30,500</u>	<u>19,500</u>	25000	25000	25000	25000	25000
		STBGDA	<u>122,000</u>	<u>78000</u>	100000	100000	100000	100000	100000

Funding Source Key: STBGDA – federal Surface Transportation Block Grant Direct Apportionment. L – Local, provided through in-kind service match.

RESOLUTION AMENDING THE FY 2018-2019 UNIFIED PLANNING WORK PROGRAM & MODIFYING THE FY 2018-2027 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM FOR THE GREENSBORO URBAN AREA

A motion was made by TAC Member Dena Barnes and seconded by TAC Member

Tammi Thurm for the adoption of the following resolution, which upon being put to a vote was duly adopted.

WHEREAS, a comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation projects are effectively allocated to the Greensboro Urban Area Metropolitan Planning Organization; AND

WHEREAS, the Greensboro Urban Area Metropolitan Planning Organization has been designated as the recipient of USDOT FHWA and FTA Metropolitan Planning Program funds; AND

WHEREAS, the Greensboro Urban Area Metropolitan Planning Organization has determined to supplement these funding allocations with Surface Transportation Block Grant Direct Apportionment funds; AND

WHEREAS, the Greensboro Urban Area Metropolitan Planning Organization has determined to supplement these funding allocations with Surface Transportation Block Grant Direct Apportionment funds; AND

WHEREAS, Additional funds totaling \$27,500 are needed at this time to cover expenditures through June 30, 2019; AND

WHEREAS, the MPO has determined to modify the MTIP to increase STBGDA funds flexed to planning in FY 2019 by \$22,000 and to reduce the FY 2020 STBGDA supplement by the same amount.

WHEREAS, the Greensboro Urban Area Metropolitan Planning Organization has made the prerequisite self-certification finding of compliance with federal requirements; AND

WHEREAS, the Transportation Advisory Committee agrees that the Unified Planning Work Program will effectively advance transportation planning for Fiscal Year 2018-2019;

NOW THEREFORE be it resolved that the Greensboro Urban Area Transportation Advisory Committee hereby amends the Fiscal Year 2018-2019 Unified Planning Work Program for the Greensboro Urban Area and endorses the associated administrative modification of the Transportation Improvement Program on this day February, 27 2019.

I, Marikay Abuzuaiter, TAC Chair,
(Name of Certifying Official) (Title of Certifying Official)

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day February 27, 2019

Marikay Abuzuaiter
Chair, Transportation Advisory Committee

Subscribed and sworn to me on this day February 27, 2019

Deanna M. Berlin
Notary Public

My commission expires September 14, 2019

DEANNA M. BERLIN
NOTARY PUBLIC
Guilford County
North Carolina
My Commission Expires Sept. 14, 2019