

# **DRAFT FY 2021 UNIFIED PLANNING WORK PROGRAM (UPWP) FOR THE DCHC MPO**



1

**MPO Board Meeting  
January 15, 2020**

# FY 2021 UPWP OVERVIEW

- Federal regulations mandate that the MPO develop an annual work program known as the Unified Planning Work Program (UPWP).
- The annual program must identify transportation planning tasks to be performed with the use of federal transportation funds during the upcoming fiscal year.
- The UPWP is required to be a detailed technical work program for continuing, cooperative and comprehensive (3C) transportation planning in the DCHC MPO.

# FY 2021 UPWP OVERVIEW

- Funding is provided by Federal Highway Administration (FHWA) and Federal Transit Administration (FTA).
- FHWA provides 80% of the UPWP highway funding and requires a 20% local match.
- FTA provides 80% of transit funding. NCDOT provides 10% match (for 5303) and local recipients provide 10% match.
- In FY2014, the MPO began cost sharing for the FHWA 20% local match.

# FY 2021 UPWP

## LIST OF FUNDING TASKS

Funding tasks (46 of them) are derived from the *Prospectus* approved by NCDOT and MPOs statewide. Tasks are grouped in following sections:

- Surveillance of Change – (aka - data monitoring)
- Long Range Transportation Plan
- Short Range Transit Planning
- Planning Work Program
- Transportation Improvement Program
- Civil Rights
- Incidental Planning/Project Development
- Management and Operations

# FY 2021 UPWP

## FY 2019 ACCOMPLISHMENTS

Page 17- a summary of FY2019 accomplishments:

- Calibration and validation of regional model
- Update of MPO/GIS enterprise
- Congestion Management Process
- Development of interactive Mobility Report Card
- MPO data collection and analysis
- Update of data management system
- Evaluation of performance indicators
- Update of Community-Viz land-use scenarios
- State and regional coordination
- Routine and 3-C planning and UPWP
- Collaboration on regional transit
- And more...

# FY 2021 UPWP

## FY 2021 EMPHASIS AREAS

### **UPWP draft contents:**

- List of federally mandated planning activities (p 10)
- List of focus areas (p 12) with descriptions including:
  - Triangle Regional Model enhancement
  - Annual continuous travel behavior survey
  - Community Viz
  - Intelligent Transportation System
  - Data collection and management
  - Title VI planning
  - Safety and security planning
  - Metropolitan Transportation Plan reappraisal

# FY 2021 UPWP FUNDING SOURCES

## Summary of all funding sources (p 15)

	Federal	State	Local	Total
PL/STBG-DA (FHWA)	\$2,294,170		\$573,543	\$2,867,713
FTA 5303	\$362,440	\$45,305	\$45,305	\$453,050
FTA 5307	\$537,856		\$134,464	\$672,320
Total	\$3,194,466	\$45,305	\$753,312	\$3,993,083

FHWA federal funding includes:

Planning - Section 104(f) federal funding: \$353,101

STBG-DA - Section 133(b)(3)(7) federal funding: \$1,941,069

# FY 2021 UPWP

## Summary of federal funding by agency

Agency	FHWA	FTA Transit Planning		
	Planning	5303	5307	Total
Lead Planning Agency	\$1,753,101	\$ 82,440		\$1,835,541
Carrboro	\$24,320			\$24,320
Chapel Hill	\$90,243	\$137,200		\$227,443
Chatham County	\$87,488			\$87,488
Durham City	\$69,182			\$69,182
Durham County	\$44,836			\$44,836
Hillsborough	\$160,000			\$160,000
Orange County	\$0			\$0
TJCOG	\$65,000			\$65,000
GoDurham		\$142,800	\$247,856	\$390,656
GoTriangle			\$290,000	\$290,000
Total	\$2,294,170	\$362,440	\$537,856	\$3,194,466

- Summary funding table by agency (p 25) and by task (p 26).
- Detailed funding tables and task descriptions; p 27 for LPA and p47 to the end of document for sub-recipients that have programmed funds for planning in this UPWP.

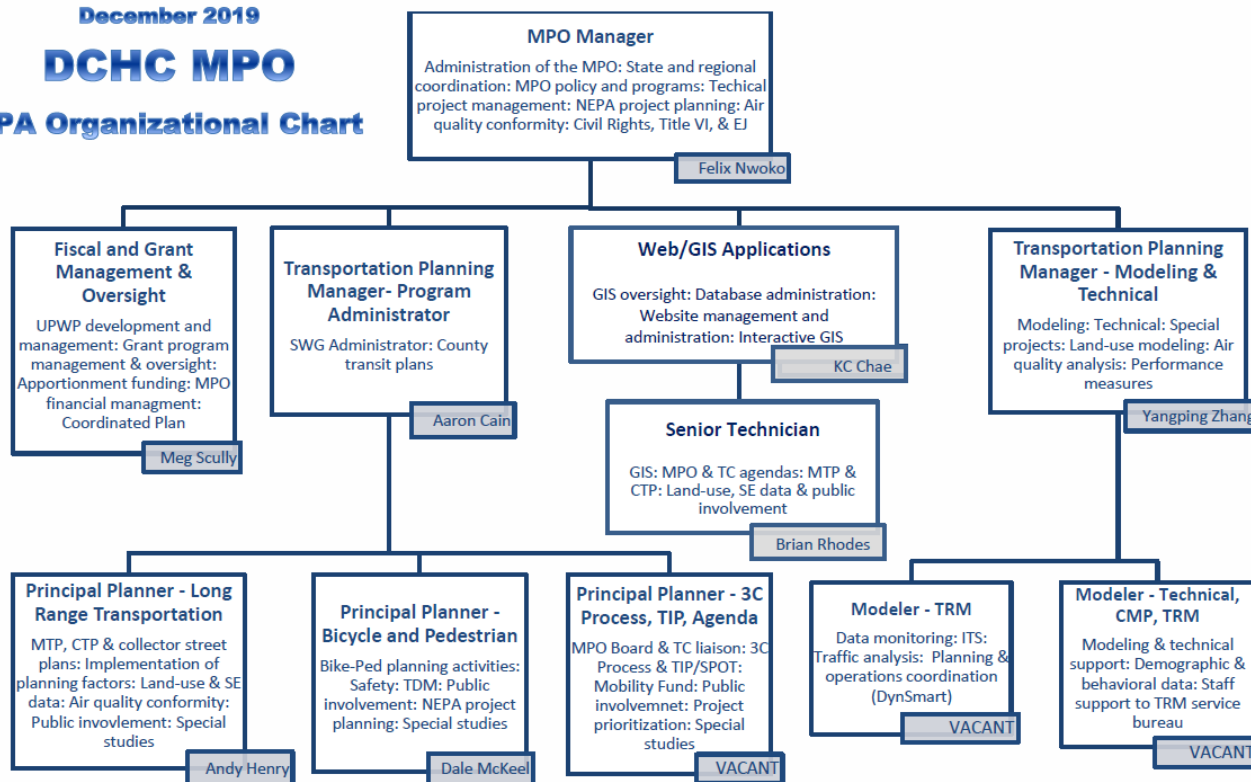


## OVERVIEW OF LPA BUDGET BY TASKS

<b>Broad Aggregated Tasks</b>	<b>Fiscal Year 2021 Funding (100%)</b>	<b>Percent of LPA Funding</b>
Data - planning support	\$416,380	18.1%
GIS / Mapping / Website	\$254,856	11.1%
TIP / SPOT	\$107,156	4.7%
CTP / MTP / Metropolitan Transportation Planning	\$423,880	18.5%
Modeling / Technical / Survey	\$497,160	21.7%
CMP / MRC	\$127,074	5.5%
Management-Grants	\$310,820	13.5%
Others / Regulatory	\$157,100	6.8%
Total	\$2,294,426	100%

## LPA ORGANIZATIONAL CHART

**December 2019**  
**DCHC MPO**  
**LPA Organizational Chart**



### Interns; Temporary & Part-time

Support for positions listed above;  
 Supervised by MPO Manager.

### Glossary

<b>CMP</b>	Congestion Management Process	<b>NEPA</b>	National Environmental Policy Act
<b>CTP</b>	Comprehensive Transportation Plan	<b>SE</b>	Socio Economic
<b>EJ</b>	Environmental Justice	<b>SPOT</b>	Strategic Planning Office of Transportation
<b>GIS</b>	Geographic Information Systems	<b>TC</b>	Technical Committee
<b>ITS</b>	Intelligent Transportation System	<b>TDM</b>	Transportation Demand Management
<b>LEP</b>	Local Enterprise Partnership	<b>TIP</b>	Transportation Improvement Program
<b>LPA</b>	Lead Planning Agency	<b>TRM</b>	Transportation Regional Model
<b>MPO</b>	Metropolitan Planning Organization	<b>UPWP</b>	Unified Planning Work Program
<b>MTP</b>	Metropolitan Transportation Plan	<b>3C</b>	Comprehensive, Cooperative, & Continuing

# FY 2021 UPWP

## LOCAL MATCH COST SHARING

Agency	Total FY 2021
Durham City	\$233,781
Durham County	\$40,225
Chapel Hill	\$58,599
Carrboro	\$20,050
Hillsborough	\$6,232
Orange County	\$35,019
Chatham County	\$14,498
GoTriangle	\$29,871
Total	\$438,275

- See p 17 for additional information.
- Approval of UPWP is approval of local match.

# FY 2021 UPWP DEVELOPMENT SCHEDULE

Dates	DCHC MPO Activity Description
October 2019-December 2019	Development of draft FY2021 UPWP and coordination with the Oversight Committee and local agencies.
November 1, 2019	Deadline for funding request and supplemental documents to be submitted to MPO by member agencies.
December 18, 2019	TC reviews draft FY2021 UPWP and recommends Board release for public comment.
January 15, 2020	MPO Board reviews draft of FY2021 UPWP and releases for public comment.
January 22, 2020	TC receives draft of FY2021 UPWP and recommends Board hold public hearing and approve draft at February Board meeting.
January 31, 2020	Draft FY2021 UPWP submitted to NCDOT/PTD
February 12, 2020	MPO Board holds public hearing and approves draft FY2021 UPWP including approval of self-certification process and local match.
March 15, 2020	Deadline for FY2021 UPWP to be submitted to NCDOT and FHWA for approval. NCDOT/PTD will submit UPWP to FTA for approval.

# FY 2021 UPWP COMMITTEE ACTIONS

- TC Recommendation (12/18/19):  
Recommended the Board release the Draft FY2021 UPWP for public comment.
- Board Action (1/15/20):  
Authorize release of the Draft FY2021 UPWP for public comment. Hold public hearing and approve UPWP in February.