

DURHAM • CHAPEL HILL • CARRBORO

DCHC

METROPOLITAN PLANNING ORGANIZATION

PLANNING TOMORROW'S TRANSPORTATION

FY 22-23 Draft Unified Planning Work Program

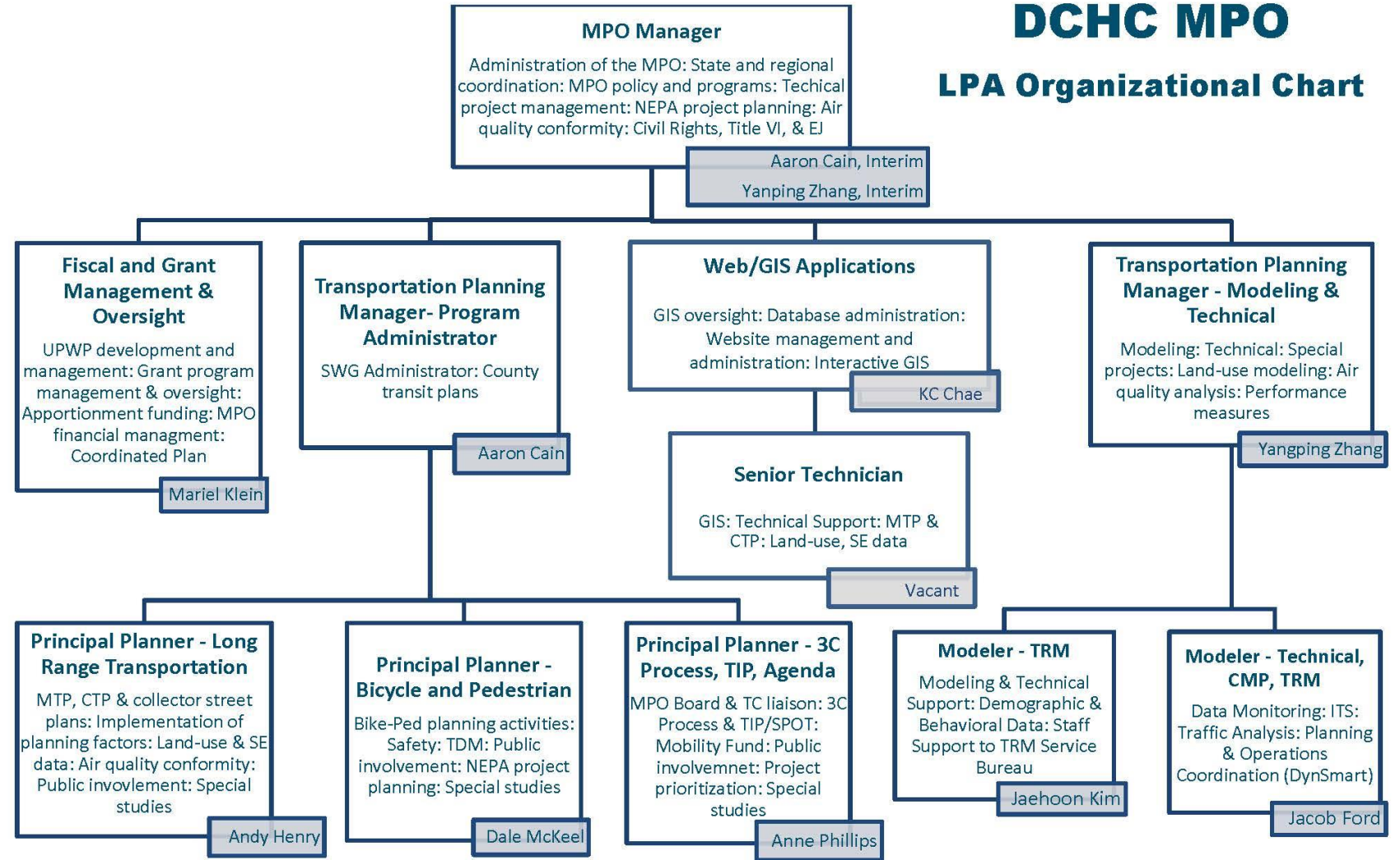
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What is the UPWP?

- Required by federal regulation
- Details and guides transportation planning activities
- Annual funding document
- Funding comes from FHWA and FTA and is matched by state and local sources
 - FHWA provides 80% and requires a 20% local match
 - FTA provides 80% transit funding, NCDOT provides 10% for 5303, and transit agencies provide 10% match
 - In 2014, the MPO began cost sharing for the FHWA 20% local match

DCHC MPO

LPA Organizational Chart



Interns; Temporary & Part-time

Support for positions listed above;
Supervised by MPO Manager.

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

The LPA - A Review

FY23 UPWP Priorities

- Development of the 2050 Metropolitan Plan (MTP)
- Work with NCDOT on STIP reprogramming and the development of the 2024-2033 TIP
- Explore integration of Big Data/open source data for technical and modeling processes
- TRM Generation-G2 base year and future direction
- Update CTP
- Continue regional transit implementation and coordination
- Continue analysis of the Annual Continuous Travel Behavior Survey

FY21 Accomplishments

- Comprehensive Transportation Plan (CTP) Development
- Public Involvement Process
- 2045/2050 Metropolitan Transportation Plan (MTP)
- Continuing Services





Summary of Funding Sources

	Federal	State	Local	Total
FY23 STBG-DA (FHWA)	\$ 2,050,150		\$512,437	\$ 2,562,687
FY22 STBG-DA (FHWA)	\$560,040		\$248,273	\$808,313
FY23 PL (FHWA)	\$493,000		\$123,325	\$616,325
FTA 5303 (FTA)	\$ 295,984	\$20,610	\$20,610	\$337,204
FTA 5307 (FTA)	\$ 537,856	\$67,232	\$67,232	\$ 672,320
Total	\$ 3,937,030	\$87,842	\$971,977	\$4,996,849

- FHWA Funding:
 - STBG-DA: Section 133(b)(3)(7)
 - › Flexible funding that can be used for projects to preserve and improve conditions and performance of public roads, pedestrian and bike infrastructure, and to implement transit capital projects
 - Planning (PL): Section 104(f)
 - › Distributed by population to MPO’s to conduct planning activities
- FTA Funding:
 - 5303 and 5307 grants are programmed by transit agencies

Summary of Federal Funding by Agency



AGENCY	FHWA		FTA		TOTAL
	STBG-DA	PL	5303	5307	
Lead Planning Agency (LPA)	\$ 2,488,000	\$492,800			\$ 2,483,200
Town of Carrboro	\$ 16,800				\$16,800
Town of Chapel Hill/ CH Transit	\$ 144,000		\$142,072		\$ 286,072
City of Durham	\$ 76,274				\$76,274
Town of Hillsborough	\$224,000				\$224,000
Chatham County					
Durham County	\$ 54,216				\$ 54,216
GoDurham					
GoTriangle				\$ 121,040	\$ 121,040
Orange County	\$20,000			\$20,000	\$40,000
TJCOG	\$ 84,500				\$ 84,500
TOTAL	\$ 2,610,190	\$492,800	\$ 142,072	\$141,040	\$ 3,386,102



Local Match Cost Sharing

Agency	Total FY2023
City of Durham	\$271,645
Durham County	\$46,128
Chapel Hill	\$66,630
Carrboro	\$25,627
Hillsborough	\$10,251
Orange County	\$41,003
Chatham County	\$15,376
GoTriangle	\$35,878
Total	\$512,537

- Allocated based on population and number of data collection sites
- Approving the UPWP approves the local match
- Only allocating local match sharing for FY23 STBG-DA funds, not FY22

FY23 LPA New Initiatives

FY23 Special Studies



Initiative Description	Cost	Federal (80%)	Match (20%)	Requested by
Climate Mitigation	\$100,000	\$80,000	\$20,000	LPA
Equitable Engagement	\$100,000	\$80,000	\$20,000	LPA
Data Processing Consultant	\$50,000	\$40,000	\$10,000	LPA
Modeling Policy Tool	\$70,000	\$56,000	\$14,000	LPA
TOTAL	\$320,000	\$256,000	\$64,000	

Study Description	Cost	Federal (80%)	Match (20%)	Requested by
15-501 Corridor Study	\$150,000	\$120,000	\$30,000	LPA
Durham Freeway Corridor Study	\$450,000	\$360,000	\$90,000	City of Durham
South Churton St.	\$200,000	\$160,000	\$40,000	Hillsborough
Greenway Special Study	\$80,000	\$64,000	\$16,000	Hillsborough
US-70	\$300,000	\$240,000	\$60,000	LPA
TOTAL	\$1,180,000	\$944,000	\$236,000	

LPA Expenses



	Task Description	STBG-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Task Funding Summary			
		Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local	NCDOT	Federal	Total
II A	Data and Planning Support														
	1 Networks and Support Systems	\$36,400	\$145,600	\$29,600	\$118,400	\$0	\$0	\$0	\$0	\$0	\$0	\$66,000	\$0	\$264,000	\$330,000
	2 Travelers and Behavior	\$95,600	\$382,400	\$4,400	\$17,600	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$400,000	\$500,000
	3 Transportation Modeling	\$70,000	\$280,000	\$10,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000	\$0	\$320,000	\$400,000
II-B	Planning Process														
	1 Targeted Planning	\$20,200	\$80,800	\$7,000	\$28,000	\$0	\$0	\$0	\$0	\$0	\$0	\$27,200	\$0	\$108,800	\$136,000
	2 Regional Planning	\$23,600	\$94,400	\$8,000	\$32,000	\$0	\$0	\$0	\$0	\$0	\$0	\$31,600	\$0	\$126,400	\$158,000
	3 Special Studies	\$185,200	\$740,800	\$4,800	\$19,200	\$0	\$0	\$0	\$0	\$0	\$0	\$190,000	\$0	\$760,000	\$950,000
III-A	Planning Work Program														
	1 Planning Work Program	\$4,000	\$16,000	\$4,000	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000	\$0	\$32,000	\$40,000
	2 Metrics and Performance Measures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
III-B	Transp. Improvement Plan	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
	1 Prioritization	\$0	\$0	\$200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
	2 Metropolitan TIP	\$0	\$0	\$14,000	\$56,000	\$0	\$0	\$0	\$0	\$0	\$0	\$14,000	\$0	\$56,000	\$70,000
	3 Merger/Project Development	\$4,000	\$16,000	\$3,000	\$12,000	\$0	\$0	\$0							
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.														
	1 Title VI	\$0	\$0	\$200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
	2 Environmental Justice	\$24,200	\$96,800	\$2,800	\$11,200	\$0	\$0	\$0	\$0	\$0	\$0	\$27,000	\$0	\$108,000	\$135,000
	3 Minority Business Enterprise Plannir	\$200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
	4 Planning for the Elderly & Disabled	\$200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
	5 Safety/Drug Control Planning	\$0	\$0	\$200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
	6 Public Involvement/ Equitable Comm	\$10,000	\$40,000	\$13,000	\$52,000	\$0	\$0	\$0	\$0	\$0	\$0	\$23,000	\$0	\$92,000	\$115,000
	7 Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
III-D	Statewide & Extra-Regional Planning														
	1 Statewide & Federal Policy Developm	\$8,000	\$32,000	\$10,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$18,000	\$0	\$72,000	\$90,000
	2 Statewide & Extra-Regional Planning	\$0	\$0	\$4,000	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000	\$0	\$16,000	\$20,000
III-E	Management & Operations														
	1 Board & TC Support and Liaison	\$14,600	\$58,400	\$5,400	\$21,600	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$0	\$80,000	\$100,000
	2 Member Services	\$800	\$3,200	\$1,200	\$4,800	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$8,000	\$10,000
	3 Workgroup Support	\$600	\$2,400	\$1,400	\$5,600	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$8,000	\$10,000
	Totals	\$497,600	\$1,990,400	\$123,200	\$492,800	\$0	\$0	\$0	\$0	\$0	\$0	\$613,800	\$0	\$2,455,200	\$3,069,000



FY23 UPWP Development Schedule

We are here!

Dates	DCHC MPO Activity Description
October -December 2021	Development of draft FY2023 UPWP in coordination with local agencies.
November 10, 2021	MPO Board approves new UPWP Prospectus
November 24, 2021	Deadline for funding request and supplemental documents to be submitted to MPO by member agencies.
December 15, 2021	TC reviews draft FY2023 UPWP and recommends Board release for public comment.
January 12, 2022	MPO Board reviews draft of FY2023 UPWP and releases draft for public comment.
February 9, 2022	MPO Board holds public hearing
February 23, 2022	TC receives final FY2023 UPWP and recommends Board approve final at March Board meeting.
March 9, 2022	MPO Board approves final FY2023 UPWP, including approval of self-certification process and local match.
March 11, 2022	Deadline for final FY2022 UPWP to be submitted to NCDOT and FHWA for approval. NCDOT/PTD will submit UPWP to FTA for approval.

TC and Board Actions

- TC Recommendation
 - Recommend the Board release the Draft FY2023 UPWP for public comment

- Board Action (1/12/2023)
 - Review draft UPWP and authorize release for public comment