



UNIFIED PLANNING WORK PROGRAM

FY2024

**DURHAM - CHAPEL HILL
- CARRBORO
METROPOLITAN
PLANNING
ORGANIZATION**

DRAFT

Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Unified Planning Work Program

Fiscal Year 2024
July 1, 2023 to June 30, 2024
April 12, 2023

Prepared by the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization
for its member jurisdictions

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Prepared in cooperation with the North Carolina Department of Transportation, and the Federal Highway Administration and the Federal Transit Administration - U.S. Department of Transportation. The views and opinions of the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

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INTRODUCTION

This document is the DCHC MPO's annual Unified Planning Work Program (UPWP) for the fiscal year beginning on July 1, 2023 and ending on June 30, 2024. It is intended to meet federal regulations implementing transportation planning and policy required by 23 CFR §450.308. The UPWP is the foundation for all DCHCMPO staff work, transportation planning partners' work, grant applications, and financial pass-through arrangements in North Carolina's western Triangle region.

This UPWP contains:

- A summary of proposed planning activities;
- How it interacts with other DCHC MPO USDOT certification activities;
- Regional metropolitan transportation and required federal planning factors;
- Funding resource descriptions;
- Highlights from the previous year's work plan;
- The MPO's 5-year UPWP prospectus summary;
- New priorities and special studies;
- Specific planning delivery unit tasks and budgets for DCHC MPO;
- Specific planning delivery unit tasks and budgets for pass-through agencies; and
- Appendices for required supporting documentation.

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) annually provide funding allocations for the DCHC MPO's continuing, cooperative, and comprehensive (3-C) transportation planning activities. The UPWP identifies MPO planning tasks that use federal transportation funds including highway and transit programs. The UPWP categorizes work program elements and delivery units by alphanumeric task codes and descriptions. The MPO's 5-year Prospectus for Continuing Transportation Planning, most recently approved by the MPO Board on November 10, 2021, guides annual UPWP development.

The UPWP contains for special project and FTA project descriptions. The responsible pass-through member agencies provide special project descriptions. The UPWP also includes FTA planning project task descriptions, FTA Disadvantaged Businesses Contracting Opportunities forms, and FTA funding source tables.

The funding source tables reflect available federal planning fund sources and the amounts of non-federal matching funds. The match is provided through either local or state funds or both. Section 104(f) funds are designated for MPO planning and are used by the Lead Planning Agency to support MPO planning functions. Section 133(b)(3)(7) funds are the portion of STBG-DA (formerly STP-DA) funds identified in the UPWP for MPO planning. The LPA and MPO jurisdictions use these funds to support the MPO planning functions and regional special projects, such as corridor studies, Community Viz update, Regional Freight Plan implementation and update, transportation performance measurement, data collection geo-database enterprise update, regional model update and enhancement, travel behavior surveys and onboard transit survey, etc.

The Federal Transit Administration's Section 5303 are a source of funds for transit planning for Chapel Hill Transit (CHT), GoDurham, and the LPA. These funds are allocated by NCDOT's Public Transportation Division (PTD). Transit agencies may also use portions of their Section 5307 funds for planning. These funds must be approved by the MPO Board as part of the UPWP approval process.

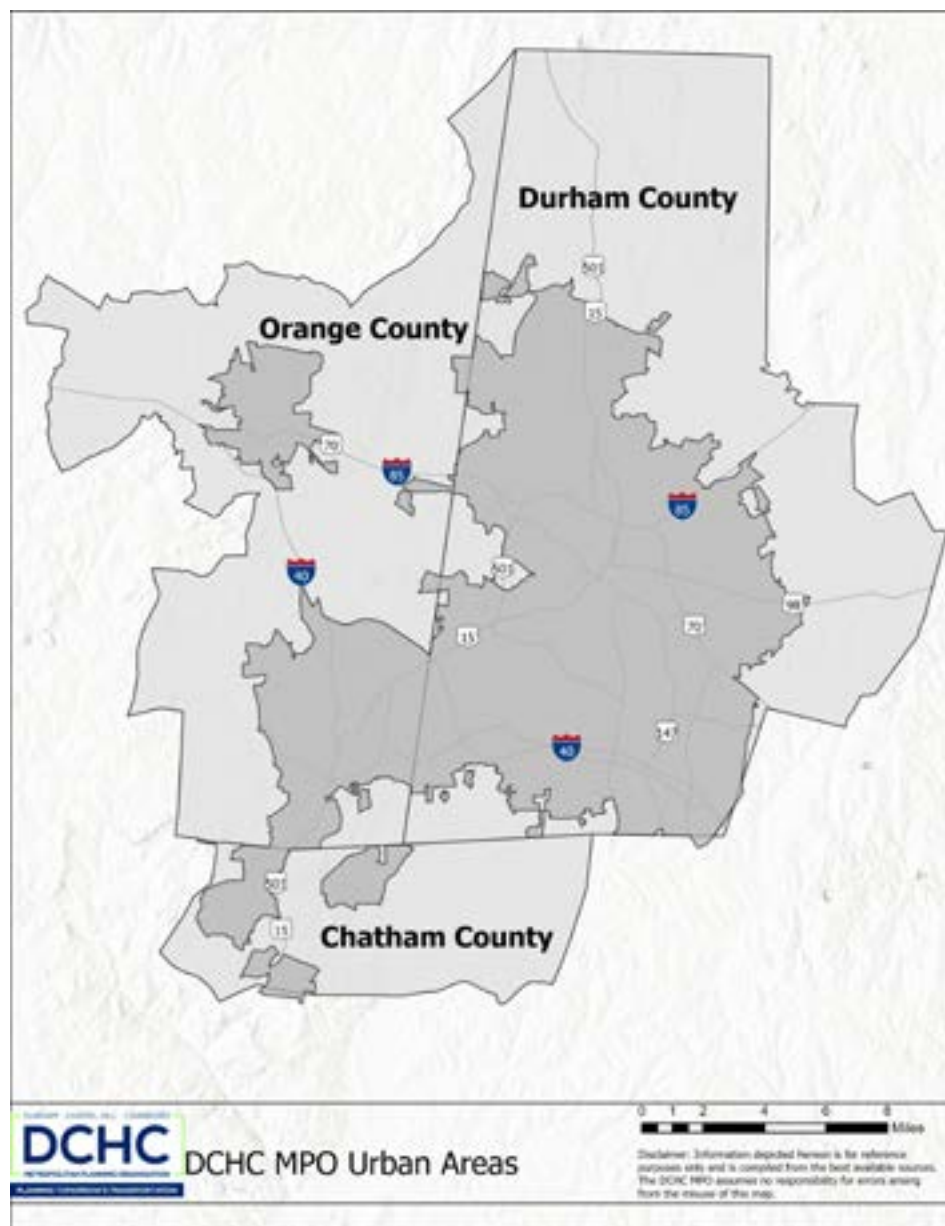
DEFINITION OF SERVICE AREA

Based on the 2010 Census, the U.S. Census Bureau defined a boundary for the Durham Urbanized Area (UZA), which encompasses the western part of the Research Triangle area in North Carolina.

The DCHC urbanized area includes:

- Durham County (entire county)
- a portion of Orange County including the Towns of Chapel Hill, Carrboro, and Hillsborough
- Northeast Chatham County

The 2020 Census results are imminent and may result in changes to the MPO's Urbanized Area, planning area, and membership in coming years.



METROPOLITAN PLANNING FACTORS & FEDERAL REQUIREMENTS

Federal transportation regulations require MPOs to consider specific planning factors when developing transportation plans and programs in the metropolitan area. Current legislation calls for MPOs to conduct planning that:

1. Supports the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
2. Increases the safety of the transportation system for motorized and non-motorized users;
3. Increases the security of the transportation system for motorized and non-motorized users;
4. Increases the accessibility and mobility of people; conserve energy, improve quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
5. Enhances the integration and connectivity of the transportation system, across and between modes, for people and freight;
6. Promotes efficient system management and operation;
7. Emphasizes the preservation of the existing transportation system.
8. Improves the resiliency and reliability of the transportation system and reduces or mitigates stormwater impacts of surface transportation; and
9. Enhances travel and tourism

In addition, livability principles are to be considered in the metropolitan planning process activities. These principles are:

1. Provide more transportation choices
2. Promote equitable, affordable housing
3. Enhance economic competitiveness
4. Support existing communities
5. Coordinate policies and leverage investments, and
6. Value communities and neighborhoods.

Each of these factors is addressed through the UPWP's various work program tasks:

Public Involvement and Title VI

Federal legislation requires MPOs to include provisions in the planning process to ensure the involvement of the public in the development of transportation plans and programs including the Metropolitan Transportation Plan, the short-term Transportation Improvement Program, and the annual Unified Planning Work Program. Emphasis is placed on broadening participation in transportation planning to include key stakeholders who have not traditionally been involved, including the business community, members of the public, community groups, and other governmental agencies. Effective public involvement will result in opportunities for the public to participate in the planning process.

Metropolitan Transportation Plan (MTP)

The MPO is responsible for developing a Metropolitan Transportation Plan (MTP) for a minimum of 20- year time horizon in cooperation with the State, MPO member agencies and with local transit operators. The MTP is produced through a planning process which involves the region's local governments, the North Carolina Department of Transportation (NCDOT), local jurisdictions and citizens of the region.

Additionally, representatives from the local offices of the U.S. Department of Transportation (USDOT) Federal

Highway Administration (FHWA) and Federal Transit Administration (FTA), North Carolina Department of Environmental Quality (NCDEQ) and the U.S. Environmental Protection Agency (US EPA) provide guidance and participate in the planning process. The MTP must include the following:

- Vision, Goals, and Objectives;
- Land use impacts;
- Identification and assessment of needs;
- Identification of transportation facilities (including major roadways, transit, multimodal and intermodal facilities and intermodal connectors) that function as an integrated metropolitan transportation system;
- A discussion of types of potential environmental mitigation activities and potential areas to carry out these activities;
- A financial plan that demonstrates how the adopted transportation plan can be implemented;
- Operations and management strategies to improve the performance of existing transportation facilities to relieve vehicular congestion and maximize the safety and mobility of people and goods;
- Capital investment and other strategies to preserve existing and projected future metropolitan transportation infrastructure and provide for multimodal capacity increases based on regional priorities and needs; and
- Proposed transportation and transit enhancement activities

Transportation Improvement Program (TIP)

The DCHC MPO is responsible for developing a Transportation Improvement Program (TIP) with a ten- year time horizon in cooperation with the State, MPO member agencies, and local transit operators. The TIP is produced through a planning process which involves the region's local governments, the NCDOT, local jurisdictions and residents of the metropolitan area. The TIP must include the following:

- A list of proposed federally supported projects and strategies to be implemented during TIP period;
- Proactive public involvement process;
- A financial plan that demonstrates how the TIP can be implemented; and
- Descriptions of each project in the TIP.

Transportation Management Area (TMA) and Congestion Management Process (CMP)

TMA's, such as DCHC MPO, have urbanized area population over 200,000, and must also address the following: Plans must be based on a continuing and comprehensive transportation planning process carried out by the MPO in cooperation with the State and public transportation operators. A Congestion Management Process must be developed and implemented that provides for effective management and operation, based on a cooperatively developed and implemented metropolitan strategy of new and existing transportation facilities, through use of travel demand reduction and operations management strategies.

Air Quality Conformity Process

Currently, the DCHC MPO is designated as attainment for the National Ambient Air Quality Standards (NAAQS). On February 16, 2018, there was a decision from the D.C. Circuit Court in the South Coast Air Quality Management District v. EPA. Per the Circuit Court decision, The Raleigh- Durham-Chapel Hill area is considered an orphan maintenance area and based on the EPA guidance of November 2018, the area will need to demonstrate transportation conformity for transportation plans and TIPs for the 1997 ozone NAAQS. This conformity can be demonstrated without a regional emission analysis (REA) pursuant to 40 CFR 93.109(c). Though not required, the Triangle region air quality partners have decided to continue to implement activities including an air quality regional analysis on its MTP and TIP. NCDOT and TJCOG will assist the MPOs in performing this REA on MTP projects.

FY2024 UPWP ACTIVITIES

DCHC MPO activities and emphasis areas for the FY2024 UPWP are summarized as necessary and required:

- Update and QC of base year data collection/inventory
- Rolling (continuous) surveys; i.e. household, transit onboard, cordon, etc.
- Continue regional transit implementation and coordination, i.e., CRT and BRT
- Congestion Management Process (CMP)/Mobility Report Card (MRC): continue to collect the multi-modal traffic/trip data, generate performance measures, and monitor the transportation system
- Impact of Connected and Automated Vehicles' (CAV): evaluate the CAV's impact to future transportation system and develop a scenario approach or policy tool to address CAV's impact for metro transportation plan
- Intelligent Transportation System (ITS) Plan: Coordinate with CAMPO to update the ITS plan by use of a consultant team
- Implementation of the Regional Freight Plan, including participation stakeholder group
- Continue to implement FAST Act Metropolitan Planning requirements
- Monitor ADA Transition Plan and Self-Assessment
- Update and monitoring of Title VI compliance
- Update and monitoring of EJ and LEP
- Update and monitoring of Safety Targets
- Monitoring Transit Asset Management (TAM) and State of Good Repair Targets.
- Continuation of routine planning- TIP, UPWP, Data monitoring and monitoring system, GIS, Public Involvement, AQ, etc.
- Continuation of special and mandated projects and programs, such as transportation resilience planning
- Continuation of the MPO website update, enhancement and application (portals) development
- Update and enhancement of the MPO geo-database enterprise
- Other 3-C planning process activities, management, and operations

FHWA PLANNING EMPHASIS AREAS AND THE FY2024 UPWP

The Federal Highway Administration has designated several Planning Emphasis Areas (PEAs) to continue focus on transportation planning and guide state and local jurisdictions to develop tasks associated with the UPWP and Statewide Planning and Research to best address transportation planning and agency coordination. The DCHC MPO has examined its task codes and determined compliance with PEAs as follows.

It should be noted that the DCHC MPO does not have any DoD facilities in its boundary, but the MPO does collaborate with the DoD on highway projects that serve as corridors between DoD facilities. Additionally, the DCHC MPO collaborates with the US Fish and Wildlife Service and the Army Corps of Engineers on projects in and around federal land within MPO boundaries.

FHWA PEAs	Associated UPWP Task Codes	
Data in Transportation Planning	II-A	Data and Planning Support
Tackling the Climate Crisis – Transition to a Clean Energy, Resilient Future	II-B-1.2	Alternative Fuels/Vehicles
	II-B-1.3	Hazard Mitigation and Disaster Planning/Sustainability Planning
	II-B-1.8	Climate Change Planning/Resilience
Strategic Highway Network (STRAHNET)/U.S. Department of Defense (DOD) Coordination	II-B-2	Highway Element of the Metropolitan TIP (MTP)
Federal Land Management Agency (FLMA) Coordination	II-B-2.9	Land use / Transportation Scenario Planning
Planning and Environment Linkages (PEL)	II-B-1.6	Planning Factors: Consideration & Implementation
Equity and Justice in Transportation Planning	II-C-2	Environmental Justice
	III-C-6	Public Participation
Complete Streets	II.A.1.3	Street System Changes
Public Involvement	II-C-6	Public Participation
	II-C-7	Private Sector Participation

FY2024 UPWP Funding Sources

FY2024 UPWP Funding Sources

FY2024 UPWP funding levels and descriptions of funding sources are summarized below.

FEDERAL HIGHWAY ADMINISTRATION FUNDS (FHWA)

Planning (PL) Section 104(f) – These urbanized area funds are administered by NCDOT and require a 20% local match. The proposed Section 104(f) funding level is based on the FAST-ACT Section 104(f) allocation. The statewide section 104(f) funds are distributed among all MPOs with a population-based formula. The DCHC MPO PL fund allocation for FY2024 is below.

	MPO Total
Federal PL funds (80%)	\$ 561,800
Local match (20%)	\$ 140,450
Total PL Funds	\$ 702,250

Safe & Accessible Transportation Options – Metro Planning (Y-410) – In 2022, the Infrastructure Investment and Jobs Act has added a new Metro Planning set-aside for Increasing Safe & Accessible Transportation Options. The Act requires each MPO to use at least 2.5% of its PL funds on specified planning activities to increase safe and accessible options for multiple travel modes for people of all ages and abilities. [§ 11206(b)]. The 2.5% set aside is provided by a separate allocation of PL funds (federal program code Y-410). The DCHC MPO Y-410 fund allocation for FY2024 is below.

	MPO Total
Federal Y-410 funds (80%)	\$24,900
Local match (20%)	\$6,225
Total Y-410 Funds	\$31,125

STBG-DA – These funds are the portion of the federal Surface Transportation Block Grant Program (STBG-DA) funds provided through FHWA to Transportation Management Areas (TMAs) over 200,000 in population. By agreement with the DCHC MPO and NCDOT, a portion of these funds are used for MPO transportation planning activities. STBG-DA funds available for FY2024 planning activities are below:

	MPO Total
Federal STBG-DA funds (80%)	\$2,431,225
Local match (20%)	\$607,807
Total STBG-DA Funds	\$3,039,032

FEDERAL TRANSIT ADMINISTRATION FUNDS (FTA)

Two types of funds are used for transit planning purposes by the DCHC MPO; Section 5303 Metropolitan Transportation Planning Program and Section 5307 Urbanized Area Formula Program funds administered by the Federal Transit Administration (FTA) and the NCDOT Public Transportation Division (PTD).

Section 5303 funds - Section 5303 funds provide assistance to urbanized areas for transit planning and technical studies related to urban public transportation. They are provided from the FTA through the NCDOT PTD to the MPO local transit operators and LPA (80% from FTA, 10% from PTD, and 10% local match).

	GoDurham	Chapel Hill Transit	MPO Total
Federal share (80%)	\$205,733	\$197,600	\$403,333
State match (10%)	\$25,717	\$24,700	\$50,417
Local match (10%)	\$25,717	\$24,700	\$50,417
Total available	\$257,167	\$247,000	\$504,167

Section 5307 funds - Section 5307 funds may be used for planning as well as other purposes, and are distributed through a formula by FTA. GoDurham, CHT, OPT and GoTriangle are eligible to use Section 5307 funds from the FTA for assistance on a wide range of planning activities. These funds require a 20% local match, which is provided by the City of Durham, the Town of Chapel Hill, Orange County and GoTriangle. The table below includes the agencies that will program Section 5307 funds for planning purposes in this UPWP.

	GoTriangle	Orange County Transit	MPO Total
Federal share (80%)	\$120,800	=	\$120,800
Local match (20%)	\$30,200	=	\$30,200
Total available	\$151,000	=	\$151,000

SUMMARY OF ALL FUNDING SOURCES AND FULL ALLOCATIONS BEFORE REQUESTED PROGRAMMING

Funding Source	Federal	State	Local	Total
FY24 PL (FHWA)	\$561,800	N/A	\$140,450	\$702,250
FY24 Y-410 (FHWA)	\$24,900	N/A	\$6,225	\$31,125
FY24 STBG-DA (FHWA)	\$2,352,000	N/A	\$588,000	\$2,940,000
FTA 5303 (FTA)	\$403,398	\$50,425	\$50,425	\$504,248
FTA 5307 (FTA)	\$120,800	\$15,100	\$15,100	\$151,000
Total	\$3,462,898	\$65,525	\$800,200	\$4,328,623

SUMMARY OF FEDERAL FUNDING PROGRAMMING (80%) BY AGENCY

AGENCY	FHWA			FTA		TOTAL
	STBG-DA	PL	Y-410	5303	5307	
Lead Planning Agency (LPA)	\$1,662,618	\$561,800	\$24,900	-	-	\$2,249,318
Town of Carrboro	\$16,800	-	-	-	-	\$16,800
Town of Chapel Hill/ Chapel Hill Transit	\$62,400	-	-	\$197,600	-	\$260,000
City of Durham/ GoDurham	\$272,096	-	-	\$205,733	-	\$477,829
Town of Hillsborough	\$60,000	-	-	-	-	\$60,000
Chatham County	\$0	-	-	-	-	\$0
Durham County	\$96,000	-	-	-	-	\$96,000
GoTriangle	-	-	-	-	\$120,800	\$120,800
Orange County	\$176,811	-	-	-	-	\$176,811
TJCOG	\$84,500	-	-	-	-	\$84,500
TOTAL	\$2,431,225	\$561,800	\$24,900	\$403,333	\$120,800	\$3,542,058
Available for Programming by Amendment in FY24		\$0	\$0	\$65	\$0	

LPA LOCAL MATCH COST SHARING

To receive the aforementioned federal funds through FHWA, a local match of 20% of the Lead Planning Agency's total budget must be provided. The MPO member agencies contribute to the Lead Planning Agency 20% local match, and the proportionate share of the local match is determined on an annual basis during the development of the UPWP. The following table displays the MPO's member agencies' proportionate share of the local match for FY2024. The local match shares for jurisdictions were determined using population presented by the North Carolina Office of State Budget & Management (OSBM) State Demographer, and number of data collection locations and segments, as described in the DCHC MPO MOU. GoTriangle's cost share is 7% of the total MPO match required for local share of federal funds minus ITRE and data collection expenses and is based on average annual percentage of funds received including 5307 and STBG-DA.

Total FY2024 MPO Budget	20% Local Match Requirement
\$2,811,648	\$562,330

Agency	Total FY2024
City of Durham	\$303,321
Durham County	\$57,526
Town of Chapel Hill	\$67,986
Town of Carrboro	\$20,919
Town of Hillsborough	\$10,459
Orange County	\$36,608
Chatham County	\$26,148
GoTriangle	\$39,363
Total:	\$562,330

DEVELOPMENT AND AMENDMENT SCHEDULES

FY24 UPWP Development Schedule

The adopted FY24 UPWP development schedule provides for the coordination of the UPWP development with the local government budget process and NCDOT deadlines.

Dates	DCHC MPO Activity Description
September 28, 2022	TC receives FY24 UPWP development schedule
October 12, 2022	MPO Board approves FY24 UPWP development schedule
October – December 2022	Development of draft FY24 UPWP in coordination with member agencies
December 15, 2022	Deadline for funding requests and supplemental documents to be submitted to MPO by member agencies
December 21, 2022	TC receives amended FY24 UPWP development schedule
January 11, 2023	MPO Board approves amended FY24 UPWP development schedule
January 25, 2023	TC reviews draft FY24 UPWP and recommends Board release for public comment
February 8, 2023	MPO Board reviews draft FY24 UPWP and releases for public comment
March 8, 2023	MPO Board holds a public hearing
March 22, 2023	TC receives final UPWP and recommends Board approves the FY24 UPWP
April 12, 2023	MPO Board approves final FY24 UPWP including approval of self-certification process and local match
April 12, 2023	Deadline for final FY24 UPWP to be submitted to NCDOT and FHWA for approval. NCDOT/PTD will submit UPWP to FTA for approval

FY2024 UPWP Amendment Schedule

The Unified Planning Work Program is developed on an annual basis in order to ensure that funds for transportation planning projects are effectively allocated to the DCHC MPO. During the course of a fiscal year, MPO jurisdictions are able to request amendments to the UPWP in order to reflect changing priorities and projects.

In order to facilitate accurate and advanced planning capabilities for partner jurisdictions and to standardize UPWP management, the MPO is proposing an FY2024 amendment schedule that will give jurisdictions three opportunities to request UPWP amendments; one in the fall of 2023, another in the early spring of 2024, and one in the late spring of 2024.

Schedule in development.

UPWP Amendment	Funding Type	Deadline for submission to MPO	TC Action Date	Board Action Date	Submittal Date to NCDOT
FY23 - Amendment #1	STBG-DA/5303/5307				
FY23 - Amendment #2	STBG-DA/5303/5307				
FY23 - Amendment #3	STBG-DA/5303/5307				
FY23 - Amendment #4	STBG-DA/5303/5307				

FY2024 TIP Amendment Schedule

Schedule in development.

TIP Amendment	Funding Type	Deadline for submission to MPO	TC Action Date	Board Action Date	Submittal Date to NCDOT
FY23 - Amendment #1	STBG-DA/5303/5307				
FY23 - Amendment #2	STBG-DA/5303/5307				
FY23 - Amendment #3	STBG-DA/5303/5307				
FY23 - Amendment #4	STBG-DA/5303/5307				

Budget Tables and Task Narratives

MPO

- MPO-Wide Budget Table
- MPO Tasks

Durham County Members

- City of Durham
- GoDurham
- Durham County

Orange County Members

- Town of Carrboro
- Town of Chapel Hill
- Chapel Hill Transit
- Town of Hillsborough
- Orange County

Chatham County Members

- Chatham County

Additional Agency Members

- GoTriangle
- Triangle J Council of Governments

DCHC MPO Task Descriptions and Deliverables/Products

This section describes the work being undertaken in FY24 by the LPA. Projects specific to local jurisdictions and partner agencies are described in subsequent sections.

The major products of the transportation planning process, in addition to the UPWP, are the Metropolitan Transportation Plan (MTP), Congestion Management Process (CMP), Public Participation Process, project development and the Transportation Improvement Program (TIP). Numerous special reports, corridor/subarea studies and analyses on a wide variety of transportation issues are also produced on a regular basis.

PAGES 16-31 WILL BE UPDATED WITH ADOPTED FUNDING AMOUNTS

II-A: DATA AND PLANNING SUPPORT

II-A-1: NETWORKS AND SUPPORT SYSTEMS

PURPOSE/OUTCOME

This task, through a variety of methods, creates and maintains data about the DCHC MPO transportation networks and the networks' functionality. This data and information support transportation decision making for MPO Staff, the Technical Committee, and the MPO Policy Board.

METHODOLOGY

Vehicle Miles Traveled (VMT): The MPO monitors targets and annual VMT growth and compare them to MTP and other performance measure targets.

Street System Changes: The MPO supports land-use mapping like aerial photography, street centerlines, and property addresses. MPO and TRM Service Bureau accurately geocode buildings and employers to Transportation Analysis Zones (TAZ) and other geographic areas. The MPO will update the transportation network and major street traffic signals for accurate input to the TRM.

Traffic Crashes and Safety Data: The MPO will collect, tabulate and analyze route traffic crash data and prepare a summary and analysis of high crash locations. If the MPO receives a Safe Streets for All (SS4A) funding award, then it will enhance this methodology to include a comprehensive and publically driven regional safety evaluation and plan.

Central Area Parking Inventory: The MPO will collect parking data for the Central Business Districts (CBD), major generators, and universities. Parking data supports TRM calibration and maintenance.

Bicycle and Pedestrian Facilities & Counts Inventory: MPO staff will continue to participate in bicycle and pedestrian planning in the region and provide technical assistance/coordination regional partners and stakeholders. The MPO will inventory bicycle and pedestrian facilities as part of the CMP.

Network Data Collection: The MPO will continue to update transportation/model network data. The proposed work activities will include collection and update of the following transportation network variables and attributes:

- INRIX and HERE data
- Traffic Count data
- StreetLight Data
- Travel time and speed
- Transit APC
- Transportation Performance Measures
- Transit Performance Targets

Capacity Deficiency Analysis: MPO staff will undertake a systemwide planning level capacity deficiency analysis will be made to determine existing and projected street deficiencies. Link capacities will be calculated according to the latest HIGHWAY CAPACITY MANUAL edition and other resources.

Land Use, Socio-Economic, Environmental Data Analysis: The MPO supports member jurisdictions' local comprehensive plan processes. The MPO also and provides guidance to NCDOT Project Development/ NEPA on land use and zoning issues affecting project development.

II-A: DATA AND PLANNING SUPPORT

II-A-1: NETWORKS AND SUPPORT

PRODUCTS

1. Reports and presentations to the MPO Technical Committee and Policy Boards.
2. Datasets for use in MPO analysis and for input into regional efforts like the TRM and TJCOG's CommunityViz land use model.
3. Regional safety analysis and recommendations for specific transportation facility types and land use contexts.
4. Coordination with member agencies, stakeholders, and orther Planning Organizations.

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA				
PL				
5303				
TOTAL				

II-A: DATA AND PLANNING SUPPORT

II-A-2: TRAVELERS AND BEHAVIOR

PURPOSE/OUTCOME

This task, through a variety of methods, creates and maintains data about the people and goods that rely on DCHC MPO transportation networks. This data and information support transportation decision making for MPO Staff, the Technical Committee, and the MPO Policy Board.

METHODOLOGY

Dwelling Unit, Population, and Employment Changes: The MPO supports land use mapping activities like aerial orthoimagery for geographically accurate data. The MPO maintains dwelling unit, population, and employment inventories to compare with planning documents and technical tools.

Vehicle Occupancy Rates: The MPO will collect vehicle occupancy counts across the service area to measure effectiveness of transportation investments and operations. Information demonstrates Clean Air Act compliance. Vehicle occupancy is an important input into travel modeling phase and other parts of the Metropolitan Transportation Plan.

Travel Time Studies: The MPO will study BIG Data, travel time, and speed data. HERE, INRIX, and TREDIS data provide travel times/speeds within the MPO. These products supply information for CMP, Mobility Report Card, CTP, MTP, corridor studies, and feasibility studies.

Annual Continuous Travel Behavior Survey (Household Survey): The MPO will tabulate and analyze the continuous household survey data.

The DCHC MPO funds additional user data collection through our partnerships with ITRE and TJCOG.

PRODUCTS

1. Reports and presentations to the MPO Technical Committee and Policy Boards.
2. Datasets for use in MPO analysis and for input into regional efforts like the TRM and TJCOG's CommunityViz land use model.
3. Updated web tools for data access and visualization.
4. Coordination with member agencies, stakeholders, and other Planning Organizations.

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA				
PL				
5303				
TOTAL				

II-A: DATA AND PLANNING SUPPORT

II-A-3: TRANSPORTATION MODELING

PURPOSE/OUTCOME

The DCHC MPO will review and analyze travel demand and air quality models to determine feasible enhancements to the procedures that are used in the TRM area. DCHC MPO will perform regional travel demand and micro simulation model runs for transportation projects. The MPO, ITRE, and regional stakeholders will develop TRM tools and enhancements to support transportation decision-making.

METHODOLOGY

Forecast of Data to Horizon Year: The MPO will provide the approved socioeconomic forecasts as well as continue to generate and update socio-economic and demographic projections and forecasts. CTP and MTP forecasts are continuously evaluated and refined for local land use plan as well as State and regional land use policy consistency.

Financial Planning: The MPO will generate and update travel demand forecasts for future years included in the MTIP, SPOT, CMP, MRC, etc. and use these forecasts to project expenditures and financial needs for the processes.

FTA STOPS and CIG Technical Analysis & Planning: The MPO, along with TRM partners, will update, maintain, and enhance regional transit modeling capacity that support Capital Investment Grant modeling for FTA capital projects.

Community Viz: The MPO, CAMPO, and TJCOG update and enhance the Community Viz tool. Results from the model help develop the DCHC MPO's next socio-economic forecasts and the Metropolitan Transportation Plan.

PRODUCTS

1. Reports and presentations to the MPO Technical Committee and Policy Boards.
2. Datasets for use in MPO analysis and for input into regional efforts like the TRM and TJCOG's CommunityViz land use model.
3. Updated web tools for data access and visualization.
4. Project-level planning support for highway and public transportation projects.
5. Coordination with member agencies, stakeholders, and other Planning Organizations.

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA				
PL				
5303				
TOTAL				

II-B: PLANNING PROCESS

II-B-1: TARGETED PLANNING

PURPOSE/OUTCOME

MPO staff undertake and support targeted planning efforts for specific study criteria to provide outcome data applicable to defined processes. Targeted planning supports MPO necessary work or other regional and local initiatives.

METHODOLOGY

Air Quality Planning/Conformity Analysis: The MPO will make determinations as to whether or not the MTP and TIP conform to the intent of the State Implementation Plan (SIP), and will continue to collaborate with NCDOT and TJCOG to perform regional emissions analysis for the MTP and other planning initiatives.

Alternative Fuels/Vehicles: The MPO supports transportation projects that reduce mobile source emissions and fuel supply vulnerability, and enhance fuel security in times of extreme weather events or other reasons for petroleum scarcity.

Hazard Mitigation and Disaster Planning: The MPO will conduct analysis in areas related to climate change and extreme weather adaptation such as assessments of transportation vulnerability to extreme weather events and will work to develop options for improving resiliency of transportation systems to climate changes and extreme weather events.

Congestion Management Process: The MPO must undertake a congestion management process because it is a transportation management area exceeding 200,000 people. After CMP completion, we will plan, coordinate, and educate the public about congestion management strategies.

Freight Movement/Mobility Planning: The MPO will study freight accessibility and mobility. Other tasks include attending and staffing the Regional Freight Stakeholders meetings, freight carrier surveys, and freight mobility improvements.

Climate Change Planning: The MPO, in partnership with CAMPO and TJCOG, will assess resilience with the MTP. DCHC will also work to identify strategies for incorporating climate mitigation planning into required planning and standalone activities.

PRODUCTS

1. Targeted reports and presentations to the MPO Technical Committee and Policy Boards.
2. Updated web tools for data access and visualization.
3. Coordination with member agencies, stakeholders, and other Planning Organizations.

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA				
PL				
5303				
TOTAL				

II-B: PLANNING PROCESS

II-B-2: REGIONAL PLANNING

PURPOSE/OUTCOME

One of DCHC's core functions is guiding effective and efficient transportation infrastructure investment. The MPO advises its local, regional, state, and federal stakeholders to align their policies and actions through the North Carolina Comprehensive Transportation Plan (CTP) process and the USDOT required long-range Metropolitan Transportation Plan (MTP) process.

METHODOLOGY

Comprehensive Transportation Plan (CTP): The MPO will conduct periodic reviews, amend, and monitor progress on CTP. The MPO will specifically work in Durham to amend the adopted CTP so that project problem statements include non-motorized improvements.

Metropolitan Transportation Plan (MTP): The MPO will conduct periodic reviews, amend, and monitor progress on the newly adopted 2050 MTP. The MPO will also work with regional partners to schedule and scope the 2055 MTP process.

PRODUCTS

1. Reports and presentations to the MPO Technical Committee and Policy Boards.
2. Public outreach materials consistent with the MPO's Public Involvement Plan.
3. Updated web tools for data access and visualization.
4. Coordination with member agencies, stakeholders, and other Planning Organizations.

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA				
PL				
5303				
TOTAL				

II-B: PLANNING PROCESS

II-B-3: SPECIAL STUDIES

PURPOSE/OUTCOME

The MPO undertakes special studies that explore transportation problems in a specific corridor or area. MPO special studies focus on multimodal solutions, enhanced public involvement, innovative technical tools, and land use + transportation coordination. The MPO may fund all or part of special studies that include multiple jurisdictions or regional facilities with MPO allocated resources.

METHODOLOGY

[LIST SPECIAL STUDIES HERE]

PRODUCTS

1. Reports and presentations to the MPO Technical Committee and Policy Boards.
2. Public outreach materials consistent with the MPO's Public Involvement Plan.
3. Updated web tools for data access and visualization.
4. Coordination with member agencies, stakeholders, and other Planning Organizations

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA				
PL				
5303				
TOTAL				

III-A: UNIFIED PLANNING WORK PROGRAM

III-A-1: UNIFIED PLANNING WORK PROGRAM

PURPOSE/OUTCOME

DCHC MPO, in cooperation with the State of North Carolina and operators of publicly-owned transit, will develop a UPWP to meet the requirements of 23 CFR Part 420 A that states, "In urbanized areas with populations of 200,000 or more, the states' Metropolitan Planning Organization (MPO) shall develop a UPWP, which describes urban transportation and transportation-related air quality planning activities anticipated in the metropolitan area during the next one- or two-year period including all planning work to be performed regardless of funding source or the agencies conducting activities. The UPWP will also indicate who will perform the work, the schedule for completing it, and its products." This task provides for the development of the FY 2024-2025 UPWP by DCHC MPO staff.

METHODOLOGY

The Unified Planning Work Program (UPWP) will be prepared annually by the MPO in cooperation with other participating agencies and under the guidance of the Technical Committee. The UPWP will present the proposed planning work program for the next year and review recent planning process accomplishments. The PWP will be cross-referenced to the Prospectus to minimize repetitive documentation. The PWP will be reviewed and approved by the MPO Policy Board, the North Carolina Department of Transportation, and Federal agencies providing planning funds for continuing transportation planning. The MPO will amend the UPWP as necessary

PRODUCTS

1. Reports and presentations to the MPO Technical Committee and Policy Boards.
2. Public outreach materials consistent with the MPO's Public Involvement Plan.
3. An updated multi-year UPWP prospectus.
4. Coordination with member agencies, stakeholders, and other Planning Organizations.

F u n d i n g Source	Federal Share	Local Share	NCDOT	Total
STBG-DA				
PL				
5303				
Total				

III-A: UNIFIED PLANNING WORK PROGRAM

III-A-2: METRICS AND PERFORMANCE MEASURES

PURPOSE/OUTCOME

Tracking the region's transportation system performance through data collection, analysis, outreach, and education including data sharing and management in support of FTA/FHWA planning emphasis areas.

METHODOLOGY

The MPO will coordinate transportation system performance metric targets with State and transit agencies. The MPO will integrate into the metropolitan planning process, directly and by reference, the goals, objectives performance measures and targets described in other State transportation plans and processes, as well as, any public transportation provider plans required as part of a performance-based program.

PRODUCTS

1. Reports and presentations to the MPO Technical Committee and Policy Boards.
2. Resolutions establishing MAP-21 required performance measurements and periodic evaluations.
3. Updated web tools for data access and visualization.
4. Coordination with member agencies, stakeholders, and other Planning Organizations.

F u n d i n g Source	Federal Share	Local Share	NCDOT	Total
STBG-DA				
PL				
5303				
Total				

III-B: TRANSPORTATION IMPROVEMENT PROGRAM

III-B-1: PROJECT PRIORITIZATION

PURPOSE/OUTCOME

The MPO will evaluate projects in development and the MPO's priorities regarding the funding schedule on already programmed projects, the acceleration of long term projects into the program, and the addition of new projects to the STIP.

METHODOLOGY

The MPO will conduct an annual call for local projects and member agencies submit funding requests. MPO staff will score the projects and the MPO Board will program funding according to the MPO's funding policy.

PRODUCTS

1. Reports and presentations to the MPO Technical Committee and Policy Boards.
2. Communications and meetings with member jurisdictions to develop and program transportation projects.
3. Updated web tools for data access and visualization.
4. Coordination with member agencies, stakeholders, and other Planning Organizations.

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA				
PL				
5303				
TOTAL				

III-B: TRANSPORTATION IMPROVEMENT PROGRAM

III-B-2: METROPOLITAN TIP

PURPOSE/OUTCOME

This task objective manages a list of fiscally constrained capital improvement and technical study projects including STPSTBG-DA, CMAQ, and other transportation funding resources. This task conforms to current North Carolina and federal legislation to effectively implement the Metropolitan Transportation Plan. The TIP also includes an additional five (5) years of projects that are committed but not assigned funding.

METHODOLOGY

The DCHCMPO assembles a capital and technical priority project list with identified funding resources and recognition in the Metropolitan Transportation Plan. The MPO will help merge the Comprehensive Transportation Plan (CTP) and other adopted plans to efficiently address travel demand, energy conservation, government budgets, and physical, social, and environmental impacts. The MPO will coordinate TIP and STIP alignment with NCDOT. Each project description in the TIP includes a project name, scope, boundary, cost estimate, cost share by funding resource, justification, project phase, and construction year. Each TIP requires an inclusive public input process according to the MPO's Public Involvement Plan.

Products

1. TIP and subsequent amendments;
2. Project selection and prioritization process;
3. Coordination with adjacent MPO's and member agencies;
4. Coordination with NCDOT and input into statewide STIP database; and
5. Annual report to the DCHCO MPO Technical Committee and DCHC MPO Board, and general public on federal funding obligation.

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA	\$10,875	\$2,719		\$13,594
PL	\$32,000	\$8,000		\$40,000
5303	\$37,247	\$4,656	\$4,656	\$46,559
TOTAL	\$80,122	\$15,375	\$4,656	\$100,153

III-C:REGULATORY COMPLIANCE

PURPOSE/OUTCOME

MPO staff undertakes the work in this section and strives to exceed federal and state regulatory requirements.

METHODOLOGY

III-C-1: Title VI: The MPO will provide updates of Civil Rights statistics report for submittal to FTA to determine MPO compliance to civil rights provisions.

III-C-2: Environmental Justice: The MPO will use its current Environmental Justice report in cooperation with analysis of transportation disadvantaged communities to evaluate and avoid disparate transportation system impacts. Project rosters will be evaluated periodically to ensure that a proportionate share of projects are taking place either within or for the benefit of historically marginalized communities.

III-C-3: Minority Business Enterprise Planning: The MPO will engage potential transportation services from MBE's.

III-C-4: Planning for the Elderly and Disabled: The MPO will continue to evaluate and prioritize the planning, planning, development, evaluation and reevaluation of transportation facilities and services for the elderly and disabled, consistent with ADA. These activities include managing the FTA's Section 5310 grant to provide funds to the Orange County Department on Aging for their STEAMM project.

III-C-6: Public Participation: The MPO will update and enhance the MPO website and provide early, proactive, and meaningful public participation and input throughout the transportation planning process. The MPO will also continue to provide process support, such as developing and preparing informational materials for the MPO website, conducting public outreach, managing the MPO website, preparing and distributing the MPO's newsletter, implementing other social media (Twitter, YouTube, and Facebook), and maintaining mailing lists and email lists.

PRODUCTS

1. Reports and presentations to the MPO Technical Committee and Policy Boards.
2. Updated Environmental Justice report and Public Involvement Plan.
3. Updated web tools for public participation.
4. An updated records access and retention system.
5. Coordination with member agencies, stakeholders, and other Planning Organizations.

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA				
PL				
5303				
TOTAL				

III-D: STATEWIDE + EXTRA REGIONAL PLANNING

PURPOSE/OUTCOME

The MPO will continue to coordinate and plan with state and federal agencies involved in transportation planning activities on the regional, state, and national levels.

METHODOLOGY

This involvement will include, but is not limited to: collection and compilation of data; participation in related workshops, conferences, and meetings; and review and administrative approval or endorsement of documentation.

PRODUCTS

1. Reports and presentations to the MPO Technical Committee and Policy Boards.
2. Participation with the NC Association of Metropolitan Planning Association including attendance at quarterly meetings and the annual conference.
3. Participation in industry groups including, but not limited to, the American Planning Association, the Women's Transportation Seminar, the National Association of City Transportation Officials, etc.
4. Policy recommendations for member coordination with state and federal policy makers, advocacy groups, and transportation stakeholders.

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA				
PL				
5303				
TOTAL				

III-E: ADMINISTRATION AND MEMBER SERVICES

PURPOSE/OUTCOME

The MPO will assist and facilitate an open Comprehensive, Cooperative, and Continuing (3C) transportation planning process according to applicable federal and state requirements as described in the 3-C Memorandum of Understanding.

METHODOLOGY

This work includes attending monthly committee meetings, preparing agendas and minutes of these meetings, training, preparing quarterly progress reports, documenting expenditures for planning work items, and filing for reimbursement of expenditures from the PL and STBG-DA funds account and other Federal funds. The MPO will consult with other agencies involved within 3C planning activities; liaison activities between the MPO and NCDOT and ongoing coordination with CAMPO; and communication with other regional groups. Other activities include the day-to-day oversight of, and reporting on, the progress of projects listed in the UPWP, and establish MPO work priorities.

PRODUCTS

1. Coordinate DCHC MPO member agencies, transit providers, CAMPO, NCDOT, NCDEQ, TJCOG, and other organizations at the local, regional, state, and federal levels on transportation related matters, issues and actions.
2. Respond to federal and State legislation and regulations.
3. Provide service request to constituents.
4. Regularly seek input and feedback from MPO members and stakeholders about MPO support and services.
5. Implement MPO planning and transit funding policies.
6. Coordinate with CAMPO on regional issues. Prepare Regional Priority lists and MTIP and amend as necessary, update transportation plans, travel demand model, and monitor data changes. Evaluate transportation planning programs developed through the 3-C public participation process for MPO action.
7. Provide technical assistance to the Board and other member jurisdictions' staff and legislative bodies.
8. Participate in joint CAMPO/DCHC MPO TC and Board meetings to continually improve regional transportation planning and decision making.
9. Review and comment on federal and state plans, programs, regulations and guidelines.

FUNDING SOURCE	FEDERAL SHARE	LOCAL SHARE	NCDOT	TOTAL
STBG-DA				
PL				
5303				
TOTAL				

DCHC MPO 5-YEAR UNIFIED PLANNING WORK PROGRAM PROSPECTUS

JULY 1, 2020 TO JUNE 30, 2025

	1	2	3	4	5
FY	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Period	July 1, 2020-June 30, 2021	July 1, 2021-June 30, 2022	July 1, 2022-June 30, 2023	July 1, 2023-June 30, 2024	July 1, 2024-June 30, 2025
1	Surveillance of Change/ Data monitoring	Surveillance of Change/ Data monitoring	Surveillance of Change/ Data monitoring	Surveillance of Change/ Data monitoring	Surveillance of Change/ Data monitoring
1.1	ADT count and TMC annual and seasonal, including update of count database system	ADT count and TMC annual and seasonal, including update of count database system	ADT count and TMC annual and seasonal, including update of count database system	ADT count and TMC annual and seasonal, including update of count database system	ADT count and TMC annual and seasonal, including update of count database system
1.2	VTM update and monitoring	VTM update and monitoring	VTM update and monitoring	VTM update and monitoring	VTM update and monitoring
1.3	Street System Changes update. Update of INRIX/ HERE Street layer	Street System Changes update. Update of INRIX/ HERE Street layer	Street System Changes update. Update of INRIX/ HERE Street layer	Street System Changes update. Update of INRIX/ HERE Street layer	Street System Changes update. Update of INRIX/ HERE Street layer
1.4	Traffic accidents data/ multi- modal safety data update and analyses	Traffic accidents data/ multi- modal safety data update and analyses	Traffic accidents data/ multi- modal safety data update and analyses	Traffic accidents data/ multi- modal safety data update and analyses	Traffic accidents data/ multi- modal safety data update and analyses
1.5	Transit system data/ Continual update of APC data	Transit system data/ Continual update of APC data	Transit system data/ Continual update of APC data	Transit system data/ Continual update of APC data	Transit system data/ Continual update of APC data
1.6	Housing, POP, Emp. Data, including development review/permits, CO, Census, INFOUSA (employment & household data), etc	Housing, POP, Emp. Data, including development review/permits, CO, Census, INFOUSA (employment & household data), etc	Housing, POP, Emp. Data, including development review/permits, CO, Census, INFOUSA (employment & household data), etc	Housing, POP, Emp. Data, including development review/permits, CO, Census, INFOUSA (employment & household data), etc	Housing, POP, Emp. Data, including development review/permits, CO, Census, INFOUSA (employment & household data), etc
1.7	Air travel. Continual monitoring of RDU passenger activities and ground transportation	Air travel. Continual monitoring of RDU passenger activities and ground transportation	Air travel. Continual monitoring of RDU passenger activities and ground transportation	Air travel. Continual monitoring of RDU passenger activities and ground transportation	Air travel. Continual monitoring of RDU passenger activities and ground transportation
1.8	VOC	VOC	VOC	VOC	VOC
1.9	Travel Time, including continual gathering and update of INRIX, HERE and Travel Time database monitoring system.	Travel Time, including continual gathering and update of INRIX, HERE and Travel Time database monitoring system.	Travel Time, including continual gathering and update of INRIX, HERE and Travel Time database monitoring system.	Travel Time, including continual gathering and update of INRIX, HERE and Travel Time database monitoring system.	Travel Time, including continual gathering and update of INRIX, HERE and Travel Time database monitoring system.
1.10	Mapping and update/ enhancement and maintenance of the MPO Geo- spatial database and GIS enterprise	Mapping and update/ enhancement and maintenance of the MPO Geo- spatial database and GIS enterprise	Mapping and update/ enhancement and maintenance of the MPO Geo- spatial database and GIS enterprise	Mapping and update/ enhancement and maintenance of the MPO Geo- spatial database and GIS enterprise	Mapping and update/ enhancement and maintenance of the MPO Geo- spatial database and GIS enterprise
1.11	Parking inventory	Parking inventory	Parking inventory	Parking inventory	Parking inventory
1.12	Bike/Pedestrian. Facilities Inv	Bike/Pedestrian. Facilities Inv	Bike/Pedestrian. Facilities Inv	Bike/Pedestrian. Facilities Inv	Bike/Pedestrian. Facilities Inv
1.13	Bike/Pedestrian. Facilities Counts	Bike/Pedestrian. Facilities Counts	Bike/Pedestrian. Facilities Counts	Bike/Pedestrian. Facilities Counts	Bike/Pedestrian. Facilities Counts
2	Unified Planning Work Program (UPWP)	Unified Planning Work Program (UPWP)	Unified Planning Work Program (UPWP)	Unified Planning Work Program (UPWP)	Unified Planning Work Program (UPWP)
2.1	Amend UPWP as necessary	Amend UPWP as necessary	Amend UPWP as necessary	Amend UPWP as necessary	Amend UPWP as necessary
2.2	Process quarterly invoices and reports	Process quarterly invoices and reports	Process quarterly invoices and reports	Process quarterly invoices and reports	Process quarterly invoices and reports
2.3	Prepare annual UPWP progress report and performance evaluation	Prepare annual UPWP progress report and performance evaluation	Prepare annual UPWP progress report and performance evaluation	Prepare annual UPWP progress report and performance evaluation	Prepare annual UPWP progress report and performance evaluation
2.4	Develop FY 2022 UPWP	Develop FY 2023 UPWP	Develop FY 2024 UPWP	Develop FY 2025 UPWP	Develop FY 2026 UPWP

DCHC MPO 5-YEAR UNIFIED PLANNING WORK PROGRAM PROSPECTUS

JULY 1, 2020 TO JUNE 30, 2025

	1	2	3	4	5
FY	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Period	July 1, 2020-June 30, 2021	July 1, 2021-June 30, 2022	July 1, 2022-June 30, 2023	July 1, 2023-June 30, 2024	July 1, 2024-June 30, 2025
2.5	UPWP financial management and administration	UPWP financial management and administration	UPWP financial management and administration	UPWP financial management and administration	UPWP financial management and administration
	Grant monitoring, oversight and audit	Grant monitoring, oversight and audit	Grant monitoring, oversight and audit	Grant monitoring, oversight and audit	Grant monitoring, oversight and audit
2.6	Perform annual self-certification & ongoing process development	Perform annual self-certification & ongoing process development	Perform annual self-certification & ongoing process development	Perform annual self-certification & ongoing process development	Perform annual self-certification & ongoing process development
2.7	LPA Local match Cost Sharing, including preparation of annual report.	LPA Local match Cost Sharing, including preparation of annual report.	LPA Local match Cost Sharing, including preparation of annual report.	LPA Local match Cost Sharing, including preparation of annual report.	LPA Local match Cost Sharing, including preparation of annual report.
2.8	Management and Operations of the 3-C Process.	Management and Operations of the 3-C Process.	Management and Operations of the 3-C Process.	Management and Operations of the 3-C Process.	Management and Operations of the 3-C Process.
3	Metropolitan Transportation Plan (MTP)/Long-Range Transportation Planning/CTP	Metropolitan Transportation Plan (MTP)/Long-Range Transportation Planning/CTP	Metropolitan Transportation Plan (MTP)/Long-Range Transportation Planning/CTP	Metropolitan Transportation Plan (MTP)/Long-Range Transportation Planning/CTP	Metropolitan Transportation Plan (MTP)/Long-Range Transportation Planning/CTP
3.1	2050 MTP development process and schedule	Amendment of CTP and 2050 MTP as necessary or required. Re-adoption of the CTP if need be.	Amendment of the 2050 MTP for AQ analysis and conformity as necessary	Amendment of CTP and 2050 MTP as necessary or required. Re-adoption of the CTP if need be.	2055 MTP environmental analysis and consideration
3.2	Refinement of SE forecast to Horizon and intermediate years.	Integration of resiliency planning.	Framework for incorporating technology and autonomous / connected vehicles into the 2055 MTP	Work associated with Goals, Objectives and targets for 2055 MTP commences.	Model and technical analyses for the 2055 MTP
3.3	Model Update and improvements for 2050 MTP development commences	CTP continual update and consistency and integration with CMP and SPOT	Update of base year networks and their attributes	Deficiency analysis and needs assessment for 2055 MTP continue	Continue work on GIS and mapping for MTP base maps
3.4	Inter-Agency Consultation process	Base year SE data collection, tabulation and analysis underway; and networks and attributes development continues	Update of modeling and technical tools for 2050 MTP analyses.	Public outreach for deficiency analysis, existing conditions and need assessment	Selection of Preferred MTP Option.
3.5	CTP continual update and amendment as necessary.	Update methodology for analyzing and assessing equity and health impacts on 2050 MTP	Continue work on GIS and mapping for MTP base maps	Generation of alternatives for 2055 MTP	AQ analysis and conformity determination process
3.6	2050 MTP Visioning process and coordination kick-off	Adoption of the 2050 MTP development process and schedule	Continue work on GIS and mapping for MTP base maps	Evaluation and analysis of alternatives	Inter-Agency Consultation process
3.7	Goals, Objectives and targets for 2050 MTP	Develop 2050 MTP Public Outreach and input process, including involvement and input from MPO member agencies.	Base year SE data collection and analysis for 2050 MTP	Public outreach and input on the draft preferred plans (options).	Public outreach and involvement of the 2055 MTP.

DCHC MPO 5-YEAR UNIFIED PLANNING WORK PROGRAM PROSPECTUS

JULY 1, 2020 TO JUNE 30, 2025

	1	2	3	4	5
FY	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Period	July 1, 2020-June 30, 2021	July 1, 2021-June 30, 2022	July 1, 2022-June 30, 2023	July 1, 2023-June 30, 2024	July 1, 2024-June 30, 2025
	Work commences on MPO wide Community visioning. Product to lead into Goals and Objectives development	Update Title 6, EJ and LEP for 2050 MTP	Comm Viz Scenario planning and selection of the preferred scenario	CTP continual update and amendment as necessary.	Adoption of 2055 MTP and AQ conformity report
	Development of networks and update of base maps	2050 Goals, Objectives and Performance Measures	Socio-economic and demographic forecasts for 2050 MTP, including 2030 and 2040 intermediate years	Incorporation of freight, airport, safety, EJ, etc.	Initiation of 2055 MTP development and update process
	Existing conditions analysis continues	Initiate Community Viz 3.0 model update and land-us scenario building.	Existing conditions and deficiency analyses continue	Amendment of the 2050 MTP as necessary	Amendment of the 2050 MTP as necessary
	Deficiency analysis commences	Public outreach and involvement for the 2050 MTP	Assessment of Need for the 2050 MTP		
4	Travel Demand Model Development and Update	Travel Demand Model Development and Update	Travel Demand Model Development and Update	Travel Demand Model Development and Update	Travel Demand Model Development and Update
4.1	On-going model maintenance and enhancement activities	On-going model maintenance and enhancement activities	On-going model maintenance and enhancement activities	On-going model maintenance and enhancement activities	On-going model maintenance and enhancement activities
4.2	Collection of annual continuous household and transit on board survey. Coordination of estimation year data collection	Support MPO 2050 MTP and air quality conformity model applications	Develop TRM G2 and new base year scenario: continue updating models and validating model to new base year 2023/2024	Develop TRM G2 and new base year scenario: continue updating models and validating model to new base year 2023/2024	Support MPO 2055 MTP and air quality conformity model applications
4.3	Survey tabulation and analyses winter/spring 2020. Analysis and tabulation of estimation year data (traffic counts, SE data, PASA parking)	Collection of network data and development of networks	Develop TRM G2 New base year: model input preparation completed	Develop TRM G2: completing model calibration and validation for the new base year	Develop TRM G2: develop application tools for plan evaluation & air quality analysis
4.4	Support MPO 2045 MTP model application and demand forecasts.	Maintain/enhance TRMv6: develop additional tools for application	Develop TRM G2: continue updating models with new inputs	Develop TRM G2: continue validating models to a new base year	Support MPO 2055 MTP model application and demand forecasts.
4.5	Maintain/enhance TRMv6.x: develop improved parking model	Develop TRM G2: begin developing/adapting application programs for population synthesizer/tour-activity scheduler/router			
4.6	Develop TRM G2: investigate/specify tour/activity scheduler/router	Develop TRM G2: begin model estimation and calibration for usual work and school location, activity scheduler, and router			
	Develop TRM G2: begin preparing data for estimation				
	Develop TRM G2: available data will be entered in selected data structure				

DCHC MPO 5-YEAR UNIFIED PLANNING WORK PROGRAM PROSPECTUS

JULY 1, 2020 TO JUNE 30, 2025

	1	2	3	4	5
FY	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Period	July 1, 2020-June 30, 2021	July 1, 2021-June 30, 2022	July 1, 2022-June 30, 2023	July 1, 2023-June 30, 2024	July 1, 2024-June 30, 2025
4.7					
5	Bicycle & Pedestrian Planning	Bicycle & Pedestrian Planning	Bicycle & Pedestrian Planning	Bicycle & Pedestrian Planning	Bicycle & Pedestrian Planning
5.1	On-going bike and pedestrian advocacy	On-going bike and pedestrian advocacy	On-going bike and pedestrian advocacy	On-going bike and pedestrian advocacy	On-going bike and pedestrian advocacy
5.2	On-going implementation of the bike and pedestrian plans	On-going implementation of the bike and pedestrian plans	On-going implementation of the bike and pedestrian plans	On-going implementation of the bike and pedestrian plans	On-going implementation of the bike and pedestrian plans
5.3	On-going bike-pedestrian programs monitoring of strategies & effectiveness	On-going bike-pedestrian programs monitoring of strategies & effectiveness	On-going bike-pedestrian programs monitoring of strategies & effectiveness	On-going bike-pedestrian programs monitoring of strategies & effectiveness	On-going bike-pedestrian programs monitoring of strategies & effectiveness
6	Short-Range Transit Plan	Short-Range Transit Plan	Short-Range Transit Plan	Short-Range Transit Plan	Short-Range Transit Plan
6.1	On-going transit planning process	On-going transit planning process	On-going transit planning process	On-going transit planning process	On-going transit planning process
6.2	Administration of the Staff Working Group (SWG) and support to the Tax districts revenues	Administration of the Staff Working Group (SWG) and support to the Tax districts revenues	Administration of the Staff Working Group (SWG) and support to the Tax districts revenues	Administration of the Staff Working Group (SWG) and support to the Tax districts revenues	Administration of the Staff Working Group (SWG) and support to the Tax districts revenues
6.3	Update, implementation and oversight of Durham and Orange Transit Plans.	Update, implementation and oversight of Durham and Orange Transit Plans.	Update, implementation and oversight of Durham and Orange Transit Plans.	Update, implementation and oversight of Durham and Orange Transit Plans.	Update, implementation and oversight of Durham and Orange Transit Plans.
7	Congestion Management Process (CMS/CMP)	Congestion Management Process (CMS/CMP)	Congestion Management Process (CMS/CMP)	Congestion Management Process (CMS/CMP)	Congestion Management Process (CMS/CMP)
7.1	On-going update and enhancement of the MPO Mobility Report Card (MRC)	CMP/MRC report and ArcGIS StoryMaps	On-going data collection, generating performance measures, update and enhancement of the MPO Mobility Report Card (MRC)	On-going data collection, generating performance measures, update and enhancement of the MPO Mobility Report Card (MRC)	On-going data collection, generating performance measures, update and enhancement of the MPO Mobility Report Card (MRC)
7.2	On-going CMP monitoring of strategies & effectiveness	On-going CMP monitoring of strategies & effectiveness	On-going CMP monitoring of strategies & effectiveness	On-going CMP monitoring of strategies & effectiveness	On-going CMP monitoring of strategies & effectiveness
7.3	Transportation Performance Measures (TPM)	Update of area of influence and congestion networks. Application & reevaluation of definition of congestion	Transportation Performance Measures (TPM)	Update of area of influence and congestion networks. Application & reevaluation of definition of congestion	Transportation Performance Measures (TPM)
7.4	TPM web applications update	Transportation system definition (modes & networks)	TPM web applications update	Transportation system definition (modes & networks)	TPM web applications update
7.5		Transportation system definition (modes & networks)		Transportation system definition (modes & networks)	
7.6	Data collection & analysis for MPO CMS Update	Data collection & analysis for MPO CMS Update	Data collection & analysis for MPO CMS Update	Data collection & analysis for MPO CMS Update	Data collection & analysis for MPO CMS Update

DCHC MPO 5-YEAR UNIFIED PLANNING WORK PROGRAM PROSPECTUS

JULY 1, 2020 TO JUNE 30, 2025

	1	2	3	4	5
FY	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Period	July 1, 2020-June 30, 2021	July 1, 2021-June 30, 2022	July 1, 2022-June 30, 2023	July 1, 2023-June 30, 2024	July 1, 2024-June 30, 2025
7.7	Update Performance monitoring Plan	Develop Performance monitoring Plan	Update Performance monitoring Plan	Develop Performance monitoring Plan	Develop Performance monitoring Plan
7.8	Update Identification and evaluation of strategies.	Identification and evaluation of strategies.	Update Identification and evaluation of strategies.	Identification and evaluation of strategies.	Identification and evaluation of strategies continues
7.9		Action plan for monitoring effectiveness of strategies		Action plan for monitoring effectiveness of strategies	
7.10		Public comment and adoption of the MPO CMS		Public comment and adoption of the MPO CMS	Public comment and adoption of the MPO CMS
8	TIP	TIP	TIP	TIP	TIP
	Review and confirm data to be used in SPOT 6 (2023-2032 STIP)	Submit SPOT 6 Division Needs points assignment	Develop 2023-2032 MTIP including public input and comment process	Update TIP ranking & project prioritization methodology as necessary	Develop 2025-2034 MTIP including public input and comment process
	Update TIP ranking & project prioritization methodology as necessary	One-on-one discussion between the MPO and NCDOT	Adopt 2023-2032 MTIP	Submit SPOT 7 Regional Impact points assignment	Adopt 2025-2034 MTIP
	Submit SPOT 6 Regional Impact points assignment	Adopt 2023-2032 STIP	Review SPOT 7 (2025-2034) project submissions and prepare comparative analysis	Submit SPOT 7 Division Needs points assignment	Review SPOT 8 (2027-2036) project submissions and prepare comparative analysis
			Develop & submit TIP Project Priority List for SPOT 7 (2025-2034 TIP)	One-on-one discussion between the MPO and NCDOT	Develop & submit TIP Project Priority List for SPOT 8 (2027-2036 TIP)
			Review and confirm data for SPOT 7 (2025-2034 STIP)	Adopt 2025-2034 STIP	Review and confirm data for SPOT 8 (2027-2036 STIP)
	TIP Web Application	TIP Web Application	TIP Web Application	TIP Web Application	TIP Web Application
9	Title VI/Civil Rights/EJ	Title VI/Civil Rights/EJ	Title VI/Civil Rights/EJ	Title VI/Civil Rights/EJ	Title VI/Civil Rights/EJ
	Continuous update of Title VI programs, including Assurance Certification, EJ and LEP	Continuous update of Title VI programs, including Assurance Certification, EJ and LEP. Evaluate effectiveness of programs and outreach efforts	Continuous update of Title VI programs, including Assurance Certification, EJ and LEP. Evaluate effectiveness of programs and outreach efforts	Update EJ Plan and LEP program, and evaluate effectiveness of program and outreach efforts	Continuous update of Title VI programs, including Assurance Certification, EJ and LEP. Evaluate effectiveness of programs and outreach efforts
	Update EJ and LEP outreach mailing list	Update EJ and LEP outreach mailing list	Update EJ and LEP outreach mailing list	Update EJ and LEP outreach mailing list	Update EJ and LEP outreach mailing list

DCHC MPO 5-YEAR UNIFIED PLANNING WORK PROGRAM PROSPECTUS

JULY 1, 2020 TO JUNE 30, 2025

	1	2	3	4	5
FY	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Period	July 1, 2020-June 30, 2021	July 1, 2021-June 30, 2022	July 1, 2022-June 30, 2023	July 1, 2023-June 30, 2024	July 1, 2024-June 30, 2025
	Administer and monitor MPO EJ/LEP program	Administer and monitor MPO EJ/LEP program	Administer and monitor MPO EJ/LEP program	Administer and monitor MPO EJ/LEP program	Administer and monitor MPO EJ/LEP program
	Evaluate and Perform EJ analysis, impacts as needed	Evaluate and Perform EJ analysis, impacts as needed	Evaluate and Perform EJ analysis, impacts as needed	Evaluate and Perform EJ analysis, impacts as needed	Evaluate and Perform EJ analysis, impacts as needed
	Update EL/LEP demographic profile and database	Update EL/LEP demographic profile and database	Update EL/LEP demographic profile and database	Update EL/LEP demographic profile and database	Update EL/LEP demographic profile and database
10	Public Involvement/ Participation Plan (PIP/ PPP)	Public Involvement/ Participation Plan (PIP/ PPP)	Public Involvement/ Participation Plan (PIP/ PPP)	Public Involvement/ Participation Plan (PIP/ PPP)	Public Involvement/ Participation Plan (PIP/ PPP)
	Review and evaluate effectiveness of MPO Public Involvement Process	Review and evaluate effectiveness of MPO Public Involvement Process	Review and evaluate effectiveness of MPO Public Involvement Process	Review and evaluate effectiveness of MPO Public Involvement Process	Review and evaluate effectiveness of MPO Public Involvement Process
	Social media in MPO public outreach and input process	Social media in MPO public outreach and input process	Social media in MPO public outreach and input process	Social media in MPO public outreach and input process	Social media in MPO public outreach and input process
	On-going MPO website update and content management	On-going MPO website update and content management	On-going MPO website update and content management	On-going MPO website update and content management	On-going MPO website update and content management
11	Project Development & Incidental Planning	Project Development & Incidental Planning	Project Development & Incidental Planning	Project Development & Incidental Planning	Project Development & Incidental Planning
	Participation in project development, environmental analysis, NEPA process and studies	Participation in project development, environmental analysis, NEPA process and studies	Participation in project development, environmental analysis, NEPA process and studies	Participation in project development, environmental analysis, NEPA process and studies	Participation in project development, environmental analysis, NEPA process and studies
	Pre-TIP project planning and coordination	Pre-TIP project planning and coordination	Pre-TIP project planning and coordination	Pre-TIP project planning and coordination	Pre-TIP project planning and coordination
12	Land-use & Transportation Integration	Land-use & Transportation Integration	Land-use & Transportation Integration	Land-use & Transportation Integration	Land-use & Transportation Integration
	Community Viz and UrbanSim implementation, maintenance, and update	Community Viz and UrbanSim implementation, maintenance, and update	Community Viz and UrbanSim implementation, maintenance, and update	Community Viz and UrbanSim implementation, maintenance, and update	Community Viz and UrbanSim implementation, maintenance, and update
	Monitoring of land use development and consistency check with SE forecasts	Monitoring of land use development and consistency check with SE forecasts	Monitoring of land use development and consistency check with SE forecasts	Monitoring of land use development and consistency check with SE forecasts	Monitoring of land use development and consistency check with SE forecasts
13	Intelligent Transportation System Planning	Intelligent Transportation System Planning	Intelligent Transportation System Planning	Intelligent Transportation System Planning	Intelligent Transportation System Planning
	Turbo Architecture, IDAS and DynaSmart enhancement, update and maintenance	Turbo Architecture, IDAS and DynaSmart enhancement, update and maintenance	Turbo Architecture, IDAS and DynaSmart enhancement, update and maintenance	ITS plan update	Turbo Architecture, IDAS and DynaSmart enhancement, update and maintenance
	ITS planning, operation and monitoring	ITS planning, operation and monitoring	ITS planning, operation and monitoring	ITS planning, operation and monitoring	ITS planning, operation and monitoring

DCHC MPO 5-YEAR UNIFIED PLANNING WORK PROGRAM PROSPECTUS

JULY 1, 2020 TO JUNE 30, 2025

	1	2	3	4	5
FY	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Period	July 1, 2020-June 30, 2021	July 1, 2021-June 30, 2022	July 1, 2022-June 30, 2023	July 1, 2023-June 30, 2024	July 1, 2024-June 30, 2025
14	Safety Planning	Safety Planning	Safety Planning	Safety Planning	Safety Planning
14.1	Safety data collection and analysis, and coordination with other agencies.	Safety data collection and analysis, and coordination with other agencies.	Safety data collection and analysis, and coordination with other agencies.	Safety data collection and analysis, and coordination with other agencies.	Safety data collection and analysis, and coordination with other agencies.
	Development of the MPO Safety plan to reflect State Highway Safety initiatives	Update MPO Safety plan and incorporate features of Vision Plan.	Update MPO Safety plan and incorporate features of Vision Plan.	Update MPO Safety plan and incorporate features of Vision Plan.	Update MPO Safety plan and incorporate features of Vision Plan.
	Ongoing integration of safety in the MPO transportation planning process	Ongoing integration of safety in the MPO transportation planning process	Ongoing integration of safety in the MPO transportation planning process	Ongoing integration of safety in the MPO transportation planning process	Ongoing integration of safety in the MPO transportation planning process
15	Freight Planning	Freight Planning	Freight Planning	Freight Planning	Freight Planning
	Ongoing freight planning and coordination	Ongoing freight planning and coordination	Ongoing freight planning and coordination	Ongoing freight planning and coordination	Ongoing freight planning and coordination
	Outreach with freight and logistic companies	Outreach with freight and logistic companies	Outreach with freight and logistic companies	Outreach with freight and logistic companies	Outreach with freight and logistic companies
	Continuous update of truck circulation maps	Continuous update of truck circulation maps	Continuous update of truck circulation maps	Continuous update of truck circulation maps	Continuous update of truck circulation maps
16	Transportation System Preservation	Transportation System Preservation	Transportation System Preservation	Transportation System Preservation	Transportation System Preservation
	Transportation System Preservation planning and operation	Transportation System Preservation planning and operation	Transportation System Preservation planning and operation	Transportation System Preservation planning and operation	Transportation System Preservation planning and operation
	planning, programming, implementation, monitoring and evaluation	planning, programming, implementation, monitoring and evaluation	planning, programming, implementation, monitoring and evaluation	planning, programming, implementation, monitoring and evaluation	planning, programming, implementation, monitoring and evaluation
17	GIS Development	GIS Development	GIS Development	GIS Development	GIS Development
	<i>Maintain Databases</i>	<i>Maintain Databases</i>	<i>Maintain Databases</i>	<i>Maintain Databases</i>	<i>Maintain Databases</i>
	Acquire and Maintain Data (ex. Streetlight and other passive data); maintain hardware and software	Acquire and Maintain Data (ex. Streetlight and other passive data); maintain hardware and software	Acquire and Maintain Data (ex. Streetlight and other passive data); maintain hardware and software	Acquire and Maintain Data (ex. Streetlight and other passive data); maintain hardware and software	Acquire and Maintain Data (ex. Streetlight and other passive data); maintain hardware and software
	Maintenance of MPO GIS and data layers	Maintenance of MPO GIS and data layers	Maintenance of MPO GIS and data layers	Maintenance of MPO GIS and data layers	Maintenance of MPO GIS and data layers
	Coordination with resource agencies and linkages of transportation data with environmental data	Coordination with resource agencies and linkages of transportation data with environmental data	Coordination with resource agencies and linkages of transportation data with environmental data	Coordination with resource agencies and linkages of transportation data with environmental data	Coordination with resource agencies and linkages of transportation data with environmental data
	Update green print maps	Update green print maps	Update green print maps	Update green print maps	Update green print maps

DCHC MPO 5-YEAR UNIFIED PLANNING WORK PROGRAM PROSPECTUS

JULY 1, 2020 TO JUNE 30, 2025

	1	2	3	4	5
FY	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Period	July 1, 2020-June 30, 2021	July 1, 2021-June 30, 2022	July 1, 2022-June 30, 2023	July 1, 2023-June 30, 2024	July 1, 2024-June 30, 2025
	Data development and update. Maintenance and update of spatial geodatabase applications and AGOL.	Data development and update. Maintenance and update of spatial geodatabase applications and AGOL.	Data development and update. Maintenance and update of spatial geodatabase applications and AGOL.	Data development and update. Maintenance and update of spatial geodatabase applications and AGOL.	Data development and update. Maintenance and update of spatial geodatabase applications and AGOL.
18	Management and Operations	Management and Operations	Management and Operations	Management and Operations	Management and Operations
	Management and Operations of the MPO 3-C process	Management and Operations of the MPO 3-C process	Management and Operations of the MPO 3-C process	Management and Operations of the MPO 3-C process	Management and Operations of the MPO 3-C process
	Board directives	Board directives	Board directives	Board directives	Board directives
19	Special Studies/State & Regional Planning	Special Studies/State & Regional Planning	Special Studies/State & Regional Planning	Special Studies/State & Regional Planning	Special Studies/State & Regional Planning
		US-70 Corridor Studies	US-70 Corridor Studies	Durham Freeway Study	

FTA Code	Task Code	Task Description	STBG-DA			MPO Planning and Admin - PL104			Safe & Acc Transp Options PL104 set aside (Program code Y410)			Section 5303				Section 5307			Task Funding Summary			
			133(b)(3)(7)									Highway/Transit				Transit						
			Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total	Local	NCDOT	FTA	Total	Local	FTA	Total	Local	NCDOT	Federal	Total
			20%	80%	100%	20%	80%	100%	20%	80%	100%	10%	10%	80%	100%	20%	80%	100%				
	II-A	Data and Planning Support																				
44.24.00	II-A-1	Networks and Support Systems	\$37,300	\$149,200	\$186,500	\$29,600	\$118,400	\$148,000	\$0	\$0	\$0	\$1,620	\$1,620	\$12,960	\$16,200	\$0	\$0	\$0	\$68,520	\$1,620	\$280,560	\$350,700
44.23.01	II-A-2	Travelers and Behavior	\$84,500	\$338,000	\$422,500	\$13,200	\$52,800	\$66,000	\$0	\$0	\$0	\$3,420	\$3,420	\$27,360	\$34,200	\$0	\$0	\$0	\$101,120	\$3,420	\$418,160	\$522,700
44.23.02	II-A-3	Transportation Modeling	\$70,600	\$282,400	\$353,000	\$27,250	\$109,000	\$136,250	\$0	\$0	\$0	\$720	\$720	\$5,760	\$7,200	\$25,000	\$100,000	\$125,000	\$123,570	\$720	\$497,160	\$621,450
	II-B	Planning Process																				
44.23.02	II-B-1	Targeted Planning/CMP	\$15,000	\$60,000	\$75,000	\$7,000	\$28,000	\$35,000	\$0	\$0	\$0	\$1,780	\$1,780	\$14,240	\$17,800	\$0	\$0	\$0	\$23,780	\$1,780	\$102,240	\$127,800
44.23.01	II-B-2	Regional Planning	\$35,605	\$142,420	\$178,025	\$8,000	\$32,000	\$40,000	\$0	\$0	\$0	\$27,637	\$27,637	\$221,093	\$276,366	\$5,200	\$20,800	\$26,000	\$76,442	\$27,637	\$416,313	\$520,391
		Y410 - Safe & Accessible Transportation Options	\$0	\$0	\$0	\$0	\$0	\$0	\$6,225	\$24,900	\$31,125	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,225	\$0	\$24,900	\$31,125
	II-B-3	Special Studies Operations	\$133,006	\$532,024	\$665,030	\$2,000	\$8,000	\$10,000														
44.27.00	II-B-3	Special Studies	\$133,103	\$532,411	\$665,514	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135,103	\$0	\$540,411	\$675,514
		Downtown Carrboro parking study	\$300	\$1,200	\$1,500																	
		Multiple new and ongoing studies (see task narrative)	\$1,600	\$6,400	\$8,000																	
		Durham City/County Bicycle and Pedestrian Plan (City)	\$48,000	\$192,000	\$240,000																	
		Durham City/County Bicycle and Pedestrian Plan (County)	\$24,000	\$96,000	\$120,000																	
		Downtown Hillsborough parking study	\$15,000	\$60,000	\$75,000																	
		Orange County Short Range Transit Plan	\$44,203	\$176,811	\$221,014																	
	III-A	Planning Work Program																				
44.21.00	III-A-1	Planning Work Program	\$5,201	\$20,804	\$26,005	\$4,000	\$16,000	\$20,000	\$0	\$0	\$0	\$440	\$440	\$3,520	\$4,400	\$0	\$0	\$0	\$9,641	\$440	\$40,324	\$50,405
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	III-B	Transp. Improvement Plan																				
44.25.00	III-B-1	Prioritization	\$1,201	\$4,804	\$6,005	\$200	\$800	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,401	\$0	\$5,604	\$7,005
44.25.00	III-B-2	Metropolitan TIP	\$6,402	\$25,608	\$32,010	\$8,000	\$32,000	\$40,000	\$0	\$0	\$0	\$3,200	\$3,200	\$25,600	\$32,000	\$0	\$0	\$0	\$17,602	\$3,200	\$83,208	\$104,010
44.25.00	III-B-3	Merger/Project Development	\$10,206	\$40,824	\$51,030	\$3,000	\$12,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,206	\$0	\$52,824	\$66,030
	III-C	Cvi Rgts. Cmp./Otr .Reg. Reqs.																				
44.27.00	III-C-1	Title VI	\$0	\$0	\$0	\$200	\$800	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
44.27.00	III-C-2	Environmental Justice	\$4,800	\$19,200	\$24,000	\$2,800	\$11,200	\$14,000	\$0	\$0	\$0	\$1,620	\$1,620	\$12,960	\$16,200	\$0	\$0	\$0	\$9,220	\$1,620	\$43,360	\$54,200
44.27.00	III-C-3	Minority Business Enterprise Planning	\$200	\$800	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$800	\$3,200	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800	\$0	\$3,200	\$4,000
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0	\$200	\$800	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$800	\$1,000
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$19,757	\$79,026	\$98,783	\$13,000	\$52,000	\$65,000	\$0	\$0	\$0	\$2,060	\$2,060	\$16,480	\$20,600	\$0	\$0	\$0	\$34,817	\$2,060	\$147,506	\$184,383
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	III-D	Statewide & Extra-Regional Planning																				
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$11,000	\$44,000	\$55,000	\$10,000	\$40,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,000	\$0	\$84,000	\$105,000
44.27.00	III-D-2	Statewide & Extra-Regional Planning	\$21,125	\$84,500	\$105,625	\$4,000	\$16,000	\$20,000	\$0	\$0	\$0	\$2,240	\$2,240	\$17,920	\$22,400	\$0	\$0	\$0	\$27,365	\$2,240	\$118,420	\$148,025
	III-E	Management & Operations																				
44.27.00		1Board & TC Support and Liaison	\$16,601	\$66,404	\$83,005	\$5,400	\$21,600	\$27,000	\$0	\$0	\$0	\$2,480	\$2,480	\$19,840	\$24,800	\$0	\$0	\$0	\$24,481	\$2,480	\$107,844	\$134,805
44.27.00		2Member Services	\$800	\$3,200	\$4,000	\$1,200	\$4,800	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$8,000	\$10,000
44.27.00		3Workgroup Support	\$600	\$2,400	\$3,000	\$1,400	\$5,600	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$8,000	\$10,000
Totals			\$607,807	\$2,431,225	\$3,039,032	\$140,450	\$561,800	\$702,250	\$6,225	\$24,900	\$31,125	\$50,417	\$50,417	\$403,333	\$504,166	\$30,200	\$120,800	\$151,000	\$835,098	\$50,417	\$3,542,058	\$3,730,543
			Local	Federal	Total	Local	Federal	Total	Local	Federal	Total	Local	State	Federal	Total	Local	Federal	Total				Grand Total
			STBGDA			PL104			Y410			Section 5303 Transit Planning				Section 5307 Transit			Totals			

FTA Code	Task Code	Task Description	STBG-DA			MPO Planning and Admin			Safe & Acc Transp Options PL104 set aside (Program code Y410)			Section 5303 Highway/Transit				Task Funding Summary			
			133(b)(3)(7)			PL104						Highway/Transit							
			Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total	Local	NCDOT	FTA	Total	Local	NCDOT	Federal	Total
			20%	80%	100%	20%	80%	100%	20%	80%	100%	10%	10%	80%	100%				
	II-A	Data and Planning Support																	
44.24.00	II-A-1	Networks and Support Systems	\$36,400	\$145,600	\$182,000	\$29,600	\$118,400	\$148,000			\$0					\$66,000	\$0	\$264,000	\$330,000
44.23.01	II-A-2	Travelers and Behavior	\$82,800	\$331,200	\$414,000	\$13,200	\$52,800	\$66,000			\$0					\$96,000	\$0	\$384,000	\$480,000
44.23.02	II-A-3	Transportation Modeling	\$70,000	\$280,000	\$350,000	\$27,250	\$109,000	\$136,250			\$0					\$97,250	\$0	\$389,000	\$486,250
	II-B	Planning Process																	
44.23.02	II-B-1	Targeted Planning/CMP	\$14,200	\$56,800	\$71,000	\$7,000	\$28,000	\$35,000			\$0					\$21,200	\$0	\$84,800	\$106,000
44.23.01	II-B-2	Regional Planning	\$29,600	\$118,400	\$148,000	\$8,000	\$32,000	\$40,000			\$0					\$37,600	\$0	\$150,400	\$188,000
		Y410 - Safe & Accessible Transportation Options			\$0			\$0	\$6,225	\$24,900	\$31,125					\$6,225	\$0	\$24,900	\$31,125
44.27.00	II-B-3	Special Studies Operations	\$128,000	\$512,000	\$640,000	\$2,000	\$8,000	\$10,000			\$0					\$130,000	\$0	\$520,000	\$650,000
	III-A	Planning Work Program																	
44.21.00	III-A-1	Planning Work Program	\$4,000	\$16,000	\$20,000	\$4,000	\$16,000	\$20,000			\$0					\$8,000	\$0	\$32,000	\$40,000
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0	\$0	\$0	\$0			\$0					\$0	\$0	\$0	\$0
	III-B	Transp. Improvement Plan																	
44.25.00	III-B-1	Prioritization	\$0	\$0	\$0	\$200	\$800	\$1,000			\$0					\$200	\$0	\$800	\$1,000
44.25.00	III-B-2	Metropolitan TIP	\$0	\$0	\$0	\$8,000	\$32,000	\$40,000			\$0					\$8,000	\$0	\$32,000	\$40,000
44.25.00	III-B-3	Merger/Project Development	\$4,000	\$16,000	\$20,000	\$3,000	\$12,000	\$15,000			\$0					\$7,000	\$0	\$28,000	\$35,000
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.																	
44.27.00	III-C-1	Title VI	\$0	\$0	\$0	\$200	\$800	\$1,000			\$0					\$200	\$0	\$800	\$1,000
44.27.00	III-C-2	Environmental Justice	\$4,200	\$16,800	\$21,000	\$2,800	\$11,200	\$14,000								\$7,000	\$0	\$28,000	\$35,000
44.27.00	III-C-3	Minority Business Enterprise Planning	\$200	\$800	\$1,000	\$0	\$0	\$0			\$0					\$200	\$0	\$800	\$1,000
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$200	\$800	\$1,000	\$0	\$0	\$0			\$0					\$200	\$0	\$800	\$1,000
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0	\$200	\$800	\$1,000			\$0					\$200	\$0	\$800	\$1,000
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$16,055	\$64,218	\$80,273	\$13,000	\$52,000	\$65,000			\$0					\$29,055	\$0	\$116,218	\$145,273
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0			\$0					\$0	\$0	\$0	\$0
	III-D	Statewide & Extra-Regional Planning																	
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$10,000	\$40,000	\$50,000	\$10,000	\$40,000	\$50,000			\$0					\$20,000	\$0	\$80,000	\$100,000
	III-D-2	Statewide & Extra-Regional Planning	\$0	\$0	\$0	\$4,000	\$16,000	\$20,000			\$0					\$4,000	\$0	\$16,000	\$20,000
	III-E	Management & Operations																	
44.27.00	III-E-1	Board & TC Support and Liaison	\$14,600	\$58,400	\$73,000	\$5,400	\$21,600	\$27,000			\$0					\$20,000	\$0	\$80,000	\$100,000
44.27.00	III-E-2	Member Services	\$800	\$3,200	\$4,000	\$1,200	\$4,800	\$6,000			\$0					\$2,000	\$0	\$8,000	\$10,000
44.27.00	III-E-3	Workgroup Support	\$600	\$2,400	\$3,000	\$1,400	\$5,600	\$7,000			\$0					\$2,000	\$0	\$8,000	\$10,000
Totals			\$415,655	\$1,662,618	\$2,078,273	\$140,450	\$561,800	\$702,250	\$6,225	\$24,900	\$31,125	\$0	\$0	\$0		\$562,330	\$0	\$2,249,318	\$2,811,648
			Local	Federal	Total	Local	Federal	Total	Local	Federal	Total	Local	State	Federal	Total	Local	State	Federal	Grand Total
			STBGDA			PL104			Y410			Section 5303 Transit Planning				Totals			

FTA Code	Task Code	Task Description	STBG-DA 133(b)(3)(7)			MPO Planning and Admin - PL104			Safe & Acc Transp Options PL104 set aside (Program code Y410)			Section 5303 Highway/Transit				Section 5307 Transit					Task Funding Summary			
			Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total	Local	NCDOT	FTA	Total	Local	FTA	Total			Local	NCDOT	Federal	Total
			20%	80%	100%	20%	80%	100%	20%	80%	100%	10%	10%	80%	100%	20%	80%	100%						
	II-A	Data and Planning Support																						
44.24.00	II-A-1	Networks and Support Systems	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44.23.01	II-A-2	Travelers and Behavior	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44.23.02	II-A-3	Transportation Modeling	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	II-B	Planning Process																						
44.23.02	II-B-1	Targeted Planning/CMP	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44.23.01	II-B-2	Regional Planning	\$4,005	\$16,020	\$20,025							\$25,717	\$25,717	\$205,733	\$257,166	\$0	\$0	\$0	\$29,722	\$25,717	\$221,753	\$277,191		
		Y410 - Safe & Accessible Transportation Options	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44.27.00	II-B-3	Special Studies Operations	\$5,006	\$20,024	\$25,030							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,006	\$0	\$20,024	\$25,030		
44.27.00	II-B-3	Durham City/County Bicycle and Pedestrian Plan	\$48,000	\$192,000	\$240,000													\$48,000	\$0	\$192,000	\$240,000			
	III-A	Planning Work Program																						
44.21.00	III-A-1	Planning Work Program	\$501	\$2,004	\$2,505							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$501	\$0	\$2,004	\$2,505		
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	III-B	Transp. Improvement Plan																						
44.25.00	III-B-1	Prioritization	\$1,001	\$4,004	\$5,005							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,001	\$0	\$4,004	\$5,005		
44.25.00	III-B-2	Metropolitan TIP	\$2,002	\$8,008	\$10,010							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,002	\$0	\$8,008	\$10,010		
44.25.00	III-B-3	Merger/Project Development	\$5,006	\$20,024	\$25,030							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,006	\$0	\$20,024	\$25,030		
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.																						
44.27.00	III-C-1	Title VI	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44.27.00	III-C-2	Environmental Justice	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44.27.00	III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$1,502	\$6,008	\$7,510							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,502	\$0	\$6,008	\$7,510		
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	III-D	Statewide & Extra-Regional Planning																						
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	III-D-2	Statewide & Extra-Regional Planning	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	III-E	Management & Operations																						
44.27.00	III-E-1	Board & TC Support and Liaison	\$1,001	\$4,004	\$5,005							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,001	\$0	\$4,004	\$5,005		
44.27.00	III-E-2	Member Services	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44.27.00	III-E-3	Workgroup Support	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Totals			\$68,024	\$272,096	\$340,120							\$25,717	\$25,717	\$205,733	\$257,166	\$0	\$0	\$0	\$93,741	\$25,717	\$477,829	\$597,286		
			Local	Federal	Total	Local	Federal	Total	Local	Federal	Total	Local	State	Federal	Total	Local	Federal	Total			Local	State	Federal	Grand Total
			STBGDA			PL104			Y410			Section 5303 Transit Planning				Section 5307 Transit			Totals					

CITY OF DURHAM

TASK II-B-2: REGIONAL PLANNING (CTP, MTP, ETC.)

Description: This element includes development and creation of both the Comprehensive Transportation Plan (NC Requirement) and Metropolitan Transportation Plan. Federal Law and USDOT's Metropolitan Planning Regulations require the MPO to have a Metropolitan Transportation Plan (MTP). The MPO will continue maintenance of highway, transit, and bicycle and pedestrian elements of the Comprehensive Transportation Plan and Metropolitan Transportation Plan. Specifically, the City will assist in the evaluation of any needed amendments to the plans.

Objectives:

1. Update the MTP/CTP highway, transit, and bicycle and pedestrian elements, project descriptions and cost information;
2. Collect public input on highway, transit, and bicycle and pedestrian facilities and programs included in the CTP/2050 MTP;
3. Update the MTP ancillary planning and program information.
4. Coordinate existing local and regional plans and projects with MTP highway, transit, and bicycle and pedestrian elements;
5. Update MTP highway, transit, and bicycle and pedestrian element maps; and,
6. Work with local communities on Regional Priority Lists, in order to implement MTP elements through the TIP.

Previous Work:

1. Preparation of the highway, transit, and bicycle and pedestrian elements of the 2050 MTP;
2. Feasibility studies (regional transit plans, STAC, US 15-501 Transit Corridor and I-40/NC 54 Transit Corridor, US 70 East Access and Connectivity Study, etc.);
3. Move Durham Study;
4. Durham Bike+Walk Implementation Plan
5. Transit 5-year TDP and master plans;
6. Congestion Management Process;
7. Triangle Regional Model;
8. Travel demand forecast; and,
9. Capacity deficiency analysis.

Requested Activities:

1. Develop key data for any amendments related to highway projects, transit services, and bicycle and pedestrian facilities;
2. Coordinate planning activities between local and regional agencies for highway, transit, bicycle, and pedestrian, trail/greenway and TDM initiatives;
3. Gather public, City Council, and MPO Board comments on amendments.

CITY OF DURHAM

TASK II-B-2: REGIONAL PLANNING (CTP, MTP, ETC.)

Products/Deliverables:

1. Amendments to the CTP and 2050 MTP as needed
2. Preliminary identification of issues/concerns to address in future MTP updates

Relationship to Other Plans and MPO Activities:

Planning activities for the CTP/MTP will be coordinated with local and regional bicycle, pedestrian, greenway, and TDM plans. The Congestion Management Process will also be important to this task in order to capture all proposed projects within the MPO.

Proposed Budget and Level of Effort

MPO/Transportation Planner, Principal Planner and Transportation Planning Manager, 360 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$4,005	\$0	\$16,020	\$20,025
Total	\$4,005	\$0	\$16,020	\$20,025

CITY OF DURHAM

II-B-3: SPECIAL STUDIES

Description: This task includes mode-specific plans and special studies that do not fall under Operational Planning.

Objectives: City of Durham and Durham County will develop a Durham City/County Bicycle and Pedestrian Plan. The plan will focus on several deliverables to meet the City and County's short- and long-term needs related to bicycle and pedestrian planning.:

- **Comprehensive pedestrian and bicycle network plans:** The study will develop a comprehensive pedestrian and bicycle network for the entire County, which will include recommendations to be included in an amendment to the MPO's Comprehensive Transportation Plan (CTP). These recommendations may include sidewalks, multi-use paths, in-street bicycle facilities, and newer facility types such as neighborhood bike routes and traffic calming streets.
- **City of Durham prioritization and implementation recommendations:** This portion of the study will consist of an update to the City's 2017 Bike+Walk Implementation Plan and will focus on bicycle and pedestrian infrastructure within City of Durham limits. The plan will build upon work that the City of Durham has done to emphasize race and equity in the project prioritization process. The plan will also incorporate new best practices in bicycle infrastructure that have been developed since the Bike+Walk Implementation Plan was adopted in 2017. These updates will result in a priority list of projects for implementation guide the City's future implementation of bicycle and pedestrian infrastructure projects, as well as cross sections and concept designs for priority projects. The priority list is intended to provide short-range projects to begin planning, design, and construction work over the next five years.
- **Durham County policy and implementation recommendations:** This portion of the study will consist of recommendations for new policy and implementation strategies for pedestrian and bicycle facilities. The study will include research and documentation of existing maintenance responsibilities for facilities outside of municipal boundaries, an evaluation of different funding and maintenance models for the County including staff and resource needs, and a recommendation for funding and maintenance for future bicycle, pedestrian, and greenway facilities. The plan will include both infrastructure and policy recommendations for Durham County. Specific project types to be considered include:
 - Sidewalk and bicycle facilities for areas of the County that are outside of municipal boundaries: The study will consider how the updated NCDOT Complete Streets Policy and Guidance will apply to these projects. The study will document existing facilities and maintenance responsibilities and determine if these precedents can and should be applied to future projects.
 - Regional greenway planning: The plan will include evaluation, prioritization, and recommendations for regional greenways. The study would establish a definition of a regional greenway, which is anticipated to be those greenways that connect to areas outside of municipal boundaries, cross county boundaries, and/or are part of the NC Great Trails State Plan network.
 - Safe Routes to School: The plan will include an evaluation of Safe Routes to School infrastructure needs. Consideration will be given to the upcoming County-funded Durham Public School capital projects as well as schools with many students within walking/biking distance. The plan would identify and prioritize needs and recommend funding and implementation strategies.

Previous Work: The City of Durham and Durham County coordinated on the 2006 Comprehensive Bicycle Plan and 2011 Durham Trails and Greenways Master Plan. There have been many changes since then on preferred bicycle facility designs, NCDOT's Complete Streets Policy, and the shifting of greenway planning from the

CITY OF DURHAM

II-B-3: SPECIAL STUDIES

City-County Planning Department to the City's Parks and Recreation Department. While the City of Durham has developed and adopted several other bicycle, pedestrian, and greenway plans since then, Durham County has not, and there is a need to update County pedestrian, bicycle, and greenway plans and policies to reflect these changes.

This plan will build upon extensive bicycle and pedestrian planning efforts that the City of Durham has completed in the past, including the 2017 Bike+Walk Implementation Plan, the 2018 Neighborhood Bicycle Route Concept Plan, and an in-depth internal planning exercise completed and presented to City Council in 2021 to re-evaluate pedestrian projects with a race/equity lens. The plan will also build upon recommendations from the Better Bus Project Access to Transit Study, completed in 2022.

Requested Activities: The study would employ a consultant to provide staff support for development of the study. A scope of work is in development.

Products: Durham City/County Bike and Pedestrian Plan report, report, presentation, GIS files, etc.

Relationship to other plans and MPO activities: The plan will develop recommendations that would then be requested to be included in the DCHC MPO's Comprehensive Transportation Plan and Metropolitan Transportation Plan. The study will develop recommendations for how projects should be funded including the potential for federal and state funding through the Transportation Improvement Program and MPO funding opportunities.

Proposed budget and level of effort:

It is proposed that DCHC MPO staff administer the project, with a technical lead identified for each phase of study identified from the City and County. An intergovernmental staff advisory committee would provide guidance for the development of each phase of study. Participation would be tailored to each phase, and could include staff from DCHC MPO, NCDOT, GoTriangle, Durham Public Schools, Research Triangle Foundation, and neighboring jurisdictions outside of the County as applicable.

The proposed budget for the project is \$360,000. Please see table below for additional detail. The exact funding shares are subject to change based on refinement of the scope and the consultant selection process.

1) MPO/Transportation Planner, Principal Planner and Transportation Planning Manager, 450 hours

Funding Source	Local	\$192,000	\$240,000
STBG-DA	\$5,006	\$20,024	\$25,030
Total	\$5,006	\$22,024	\$25,030

2) Durham City/County Bicycle and Pedestrian Plan

	Local	Federal (STBG-DA	Total
City of Durham	\$48,000	\$192,000	\$240,000
Durham County	\$24,000	\$96,000	\$120,000
Total	\$72,000	\$288,000	\$360,000

CITY OF DURHAM

TASK III-A-1: PLANNING WORK PROGRAM

Description: Administer the FY 2022-2023 Unified Planning Work Program (UPWP) and prepare and process amendments as needed. Evaluate transportation planning work needs and emphasis areas and prepare the FY 2025 UPWP. Prepare quarterly progress reports, document expenditures for the various planning work items, and file for reimbursement of expenditures from the PL and STP-DA funds account and other federal funds.

Objective:

1. To prepare and continually maintain a UPWP that describes all transportation and transportation-related planning activities anticipated within the City of Durham and DCHC MPO planning area for the FY 2024 UPWP.
2. To develop, maintain, and complete the UPWP in conformance with applicable federal, state, and regional guidelines.
3. To prepare UPWP amendments as necessary, to reflect any change in programming or focus for the current fiscal year.

Previous Work:

1. Previous UPWPs
2. Previous Amendments to the UPWP

Requested Activities:

1. Review and amend relevant portions of the DCHC's UPWP in order to meet new planning requirements and/or circumstances pertinent to the MPO emphasis and transportation planning objectives.
2. Develop a new UPWP for the DCHC planning area covering the next program year. The development of a new UPWP will be prepared in cooperation with NCDOT and subject to the development process and public involvement endorsed by the MPO Board.

Expected Work Products:

1. Amendments to the current UPWP as necessary.
2. Development of the FY 2025 UPWP.

Relationship to Other Plans and MPO Activities:

The Planning Work Program documents the work conducted for other plans and MPO activities and enables reimbursement for work performed.

Proposed Budget and Level of Effort:

MPO/Transportation Planner, 45 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$501	\$0	\$2,004	\$2,505
Total	\$501	\$0	\$2,004	\$2,505

CITY OF DURHAM

III-B-1: PRIORITIZATION

Description: The MPO list of projects to evaluate under NCGS § 136-18 (42) is developed biennially to communicate the MPO's priorities regarding the funding schedule of already programmed projects, the acceleration of long-term projects into the program, and the addition of new projects to the STIP. This process is called the Strategic Prioritization of Transportation (SPOT). The City will provide candidate projects and develop priorities for consideration in this process.

Objectives: The City will continue to participate in review and coordination regarding the projects to be included in the FY 20224-2033 STIP. Additionally, the City will participate in prioritization for the SPOT 7.0 prioritization process when it resumes.

Previous Work: The City previously participated in the SPOT 6.0 prioritization process to inform the current STIP.

Requested Activities:

1. Provide candidate projects for consideration in the SPOT 7.0 process
2. Provide relevant data and shapefiles for candidate SPOT 7.0 projects
3. Participate in the local points assignment process for SPOT 7.0
4. Assist with public involvement for various phases of the SPOT 7.0 process
5. Programming the FY 2024-2033 STIP

Expected Work Product:

1. Work with the MPO in the development of projects for submittal to SPOT 7.0
2. GIS shapefiles and data for candidate projects
3. Evaluation of candidate projects for SPOT
4. Assist and provide support to the LPA regarding SPOT 7.0

Relationship to Other Plans and MPO Activities: The SPOT 7.0 prioritization process will inform the FY 2026-2035 STIP. The activities of this task are will directly inform transportation projects in the long-range transportation plan and projects that are being considered for TIP funding.

Proposed Budget and Level of Effort:

MPO/Transportation Planner and Transportation Planning Manager, 90 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$1,001	\$0	\$4,004	\$5,004
Total	\$1,001	\$0	\$4,004	\$5,005

CITY OF DURHAM

III-B-2: METROPOLITAN TRANSPORTATION IMPROVEMENT PLAN

Description: Amend TIP/ STIP as needed. Finalize development of the FY 2024-2033 TIP. This includes the refinement of the MPO Priority Needs and the identification of the transportation projects, programs, and services towards which the MPO will direct STPBG, CMAQ, TAP, and other federal/state funds.

Objectives:

As the Lead Planning Agency (LPA) of the DCHC MPO, the City of Durham, Transportation Division is responsible for annually developing, amending, adjusting and maintaining the TIP for the metropolitan area. Under this activity, the LPA will update and amend the current, seven-year program of transportation improvement projects that is consistent with the 2050 Metropolitan Transportation Plan, STIP, the State Implementation Plan (SIP), EPA Air Quality Conformity Regulations and FHWA/FTA Planning Regulations.

Previous Work:

Previous DCHC MPO Transportation Improvement Programs.

Requested Activities:

1. Develop transportation improvement projects for consideration by the City Council.
2. Develop FY 2024-2033 TIP
3. Refine project ranking methodology and priority system.
4. Conduct appropriate public participation for the TIP consistent with the MPO Public Involvement Policy.
5. Conduct formal amendments and adjustments as necessary.
6. Produce and distribute TIP documents for local officials.
7. Attend regular meetings with NCDOT to exchange information regarding transportation improvement projects.

Expected Work Product:

1. Work with the MPO in the development of STI.
2. Assist and provide support to the LPA regarding STI
3. FY 2024 -2033 Transportation Improvement Program
4. Develop and refine procedures necessary for TIP preparation and amendments as necessary.
5. TIP Amendments and Adjustments as necessary.

Relationship to Other Plans and MPO Activities:

This task related directly to the TIP, 2050 MTP, and CTP.

Proposed Budget and Level of Effort:

MPO/Transportation Planner and Transportation Planning Manager, 180 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$2,002	\$0	\$8,008	\$10,010
Total	\$2,002	\$0	\$8,008	\$10,010

CITY OF DURHAM

III-B-3: TIP MERGER/ PROJECT DEVELOPMENT

Description: The City will continue to participate regularly and consistently in the TIP project planning & development process, including submission of comments, attending public meetings, attending scoping meetings, attending NEPA 404 merger meetings, and participating in field inspections. The City will be involved in TIP project development. The City will continue to support and be involved in NCDOT efforts to link NEPA process in the MPO systems planning process.

Objectives:

1. To ensure that the goals, objectives and needs of the DCHC MPO are integrated in the environmental planning process of transportation projects; and,
2. To ensure the needs of the citizens in the City portion of the DCHC MPO planning area are considered in the project planning process.

Previous Work: Regular project scoping, environmental study and public meetings, especially those conducted by the NCDOT and GoTriangle.

Requested Activities:

1. Regular participation at project scoping, environmental study and public meetings, especially those conducted by the NCDOT and GoTriangle;
2. Review and comment on project scoping and environmental documents;
3. The City participation in NEPA process for TIP projects.

Products/Deliverables: Written comments on project scoping and environmental studies, activities and documents;

Relationship to Other Plans and MPO Activities: The activities of this task are directly related to transportation projects in the long-range transportation plan and to projects that are being considered for TIP funding.

Proposed Budget and Level of Effort:

MPO/Transportation Planner and Transportation Planning Manager, 450 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$5,006	\$0	\$20,024	\$25,030
Total	\$5,006	\$0	\$20,024	\$25,030

CITY OF DURHAM

III-C-6: PUBLIC INVOLVEMENT/EQUITY ENGAGEMENT

Description: An effective public involvement process provides for an open exchange of information and ideas between the public and transportation decision-makers. Objectives of an area's public involvement process include that it is proactive, provides complete information, timely public notice, full public access to key decisions, and opportunities for early and continuing involvement. It also provides mechanisms for the agency or agencies to solicit public comments and ideas, identify circumstances and impacts which may not have been known or anticipated by public agencies, and builds support among the public who are stakeholders in transportation investments. The City of Durham will continue to provide an early, proactive and a meaningful public participation and input throughout the transportation planning process, including providing for open exchange of information and ideas between the public and transportation decision-makers.

Objectives:

To provide the public with complete information, timely notice, full access to key decisions and opportunities for early and continuing involvement in the 3C process. To assess the effectiveness of the current Public Involvement Process as required by the MPO, and to develop and enhance the process of public dissemination of information.

Previous Work:

1. MPO Public Involvement Process.
2. Newsletters, emails, websites, social media;
3. Advertisements.

Requested activities:

1. Administer the MPO Public Participation Process as needed.
2. Apply the Public Involvement Process to transportation programs and tasks:
3. Public meetings, workshops, and outreach programs to increase public participation, information dissemination, and education.

Expected Work Products: Public meetings, website postings, flyers, etc.

Relationship to other plans and MPO activities: Public involvement is used throughout the MPO planning process in support of all activities.

Proposed Budget and Level of Effort:

MPO/Transportation Planner and Transportation Planning Manager, 135 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$1,502	\$0	\$6,008	\$7,510
Total	\$1,502	\$0	\$6,008	\$7,510

CITY OF DURHAM

III-E-1: BOARD & TC SUPPORT AND LIAISON

Description: Support of advisory and governing bodies, including maintenance of membership and appointments, meeting planning, agenda preparation and posting, conducting meetings & hearings, minutes preparation, and compliance with Open Meetings & Public Records statutes. The City will assist and support the DCHC MPO efforts in complying with the federal 3-C process. The City of Durham staff will attend both DCHC MPO and regional meetings. The continuing transportation planning process requires considerable administrative time for attending monthly committee meetings, preparing agendas and minutes to these meetings, and attending training.

Objective: To assist, support, and facilitate an open Comprehensive, Cooperative, and Continuing (3C) transportation planning and programming process at all levels of government in conformance with applicable federal and state requirements and guidelines as described in the 3C Memorandum of Understanding.

Previous Work: Management of the 3C process using previous Unified Work Program and prospectus documents, transportation plans, and Memorandum of Understanding. Specifically, previous tasks include but not limited to preparation of Technical Committee (TC) and the MPO Board meeting agendas, providing technical assistance to the MPO Board, development of the TIP, preparation of the annual UPWP, working with other agencies, such as NCDOT, etc.

Requested Activities:

1. Provide liaisons between DCHC MPO and the City of Durham elected officials and citizens.
2. Provide technical assistance to the MPO.
3. Participate in joint meetings as a means to continually improve the quality and operation of the transportation planning process and decision making within the MPO and in the Triangle Region.
4. Review and comment on federal and state transportation-related plans, programs, regulations and guidelines pertaining to the City of Durham.

Work Product Expected:

1. Technical assistance memoranda, reports, and public involvement meetings and workshops as needed.
2. Updates to the planning documents as required.

Relationship to other plans and MPO activities:

Participation in MPO meetings is necessary for the function of the MPO and all plans and activities.

Proposed Budget and Level of Effort:

MPO/Transportation Planner, 90 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$1,001	\$0	\$4,004	\$5,005
Total	\$1,001	\$0	\$4,004	\$5,005

CITY OF DURHAM (GODURHAM)

SECTION 5303 TRANSIT BUDGET TABLE AND TASK NARRATIVES

MPO	DCHC MPO		
FTA Code	44.23.01		
Task Code	II-B-2		
Title of Planning Task	Regional Planning		TOTALS
Task Objective	Support development and implementation of the Durham County Transit Plan and evaluation of other regional transit projects, including Commuter Rail and BRT activities; support development and creation of the CTP and MTP; identify transit projects and policies to address transportation deficiencies		
Tangible Product Expected	Updated projects and GIS files to support; public engagement related to MTP; data to support transportation deficiencies		
Expected Completion Date of Product(s)	6/30/2024		
Previous Work	Development of 2045 & 2050 MTP transit projects, Durham County Transit Plan inputs, BRT alternatives analysis		
Prior FTA Funds			
Relationship To Other Activities	Supports development and implementation of MTP, CTP, Durham County Transit Plan, and other MPO-related activities		
Agency Responsible for Task Completion	City Of Durham		
Section 5303 Local 10%		\$25,717	\$25,717
Section 5303 NCDOT 10%		\$25,717	\$25,717
Section 5303 FTA 80%		\$205,733	\$205,733
TOTAL		\$257,166	\$257,166

FTA Code	Task Code	Task Description	STBG-DA			MPO Planning and Admin - PL104			Safe & Acc Transp Options PL104 set aside (Program code Y410)			Task Funding Summary			
			133(b)(3)(7)			Local	FHWA	Total	Local	FHWA	Total	Local	NCDOT	Federal	Total
			Local	FHWA	Total										
			20%	80%	100%										
	II-A	Data and Planning Support													
44.24.00	II-A-1	Networks and Support Systems	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.23.01	II-A-2	Travelers and Behavior	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.23.02	II-A-3	Transportation Modeling	\$0	\$0	\$0							\$0	\$0	\$0	\$0
	II-B	Planning Process													
44.23.02	II-B-1	Targeted Planning/CMP	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.23.01	II-B-2	Regional Planning	\$0	\$0	\$0							\$0	\$0	\$0	\$0
		Y410 - Safe & Accessible Transportation Options	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.27.00	II-B-3	Special Studies Operations	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.27.00	II-B-3	Durham City/County Bicycle and Pedestrian Plan	\$24,000	\$96,000	\$120,000							\$24,000	\$0	\$96,000	\$120,000
	III-A	Planning Work Program			\$0										
44.21.00	III-A-1	Planning Work Program	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0							\$0	\$0	\$0	\$0
	III-B	Transp. Improvement Plan													
44.25.00	III-B-1	Prioritization	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.25.00	III-B-2	Metropolitan TIP	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.25.00	III-B-3	Merger/Project Development	\$0	\$0	\$0							\$0	\$0	\$0	\$0
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.													
44.27.00	III-C-1	Title VI	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.27.00	III-C-2	Environmental Justice	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.27.00	III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0							\$0	\$0	\$0	\$0
	III-D	Statewide & Extra-Regional Planning													
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$0	\$0	\$0							\$0	\$0	\$0	\$0
	III-D-2	Statewide & Extra-Regional Planning	\$0	\$0	\$0							\$0	\$0	\$0	\$0
	III-E	Management & Operations													
44.27.00	III-E-1	Board & TC Support and Liaison	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.27.00	III-E-2	Member Services	\$0	\$0	\$0							\$0	\$0	\$0	\$0
44.27.00	III-E-3	Workgroup Support	\$0	\$0	\$0							\$0	\$0	\$0	\$0
Totals			\$24,000	\$96,000	\$120,000							\$24,000	\$0	\$96,000	\$120,000
			Local	Federal	Total	Local	Federal	Total	Local	Federal	Total	Local	State	Federal	Grand Total
			STBGDA			PL104			Y410			Totals			

DURHAM COUNTY

II-B-3 SPECIAL STUDIES

Description: This task includes mode-specific plans and special studies that do not fall under Operational Planning.

Objectives: City of Durham and Durham County will develop a Durham City/County Bicycle and Pedestrian Plan. The plan will focus on several deliverables to meet the City and County's short- and long-term needs related to bicycle and pedestrian planning.:

- **Comprehensive pedestrian and bicycle network plans:** The study will develop a comprehensive pedestrian and bicycle network for the entire County, which will include recommendations to be included in an amendment to the MPO's Comprehensive Transportation Plan (CTP). These recommendations may include sidewalks, multi-use paths, in-street bicycle facilities, and newer facility types such as neighborhood bike routes and traffic calming streets.
- **City of Durham prioritization and implementation recommendations:** This portion of the study will consist of an update to the City's 2017 Bike+Walk Implementation Plan and will focus on bicycle and pedestrian infrastructure within City of Durham limits. The plan will build upon work that the City of Durham has done to emphasize race and equity in the project prioritization process. The plan will also incorporate new best practices in bicycle infrastructure that have been developed since the Bike+Walk Implementation Plan was adopted in 2017. These updates will result in a priority list of projects for implementation guide the City's future implementation of bicycle and pedestrian infrastructure projects, as well as cross sections and concept designs for priority projects. The priority list is intended to provide short-range projects to begin planning, design, and construction work over the next five years.
- **Durham County policy and implementation recommendations:** This portion of the study will consist of recommendations for new policy and implementation strategies for pedestrian and bicycle facilities. The study will include research and documentation of existing maintenance responsibilities for facilities outside of municipal boundaries, an evaluation of different funding and maintenance models for the County including staff and resource needs, and a recommendation for funding and maintenance for future bicycle, pedestrian, and greenway facilities. The plan will include both infrastructure and policy recommendations for Durham County. Specific project types to be considered include:
 - **Sidewalk and bicycle facilities for areas of the County that are outside of municipal boundaries:** The study will consider how the updated NCDOT Complete Streets Policy and Guidance will apply to these projects. The study will document existing facilities and maintenance responsibilities and determine if these precedents can and should be applied to future projects.
 - **Regional greenway planning:** The plan will include evaluation, prioritization, and recommendations for regional greenways. The study would establish a definition of a regional greenway, which is anticipated to be those greenways that connect to areas outside of municipal boundaries, cross county boundaries, and/or are part of the NC Great Trails State Plan network.
 - **Safe Routes to School:** The plan will include an evaluation of Safe Routes to School infrastructure needs. Consideration will be given to the upcoming County-funded Durham Public School capital projects as well as schools with many students within walking/biking distance. The plan would identify and prioritize needs and recommend funding and implementation strategies.

DURHAM COUNTY

II-B-3 SPECIAL STUDIES

Previous Work: The City of Durham and Durham County coordinated on the 2006 Comprehensive Bicycle Plan and 2011 Durham Trails and Greenways Master Plan. There have been many changes since then on preferred bicycle facility designs, NCDOT's Complete Streets Policy, and the shifting of greenway planning from the City-County Planning Department to the City's Parks and Recreation Department. While the City of Durham has developed and adopted several other bicycle, pedestrian, and greenway plans since then, Durham County has not, and there is a need to update County pedestrian, bicycle, and greenway plans and policies to reflect these changes.

This plan will build upon extensive bicycle and pedestrian planning efforts that the City of Durham has completed in the past, including the 2017 Bike+Walk Implementation Plan, the 2018 Neighborhood Bicycle Route Concept Plan, and an in-depth internal planning exercise completed and presented to City Council in 2021 to re-evaluate pedestrian projects with a race/equity lens. The plan will also build upon recommendations from the Better Bus Project Access to Transit Study, completed in 2022.

Requested Activities: The study would employ a consultant to provide staff support for development of the study. A scope of work is in development.

Products: Durham City/County Bike and Pedestrian Plan report, report, presentation, GIS files, etc.

Relationship to other plans and MPO activities: The plan will develop recommendations that would then be requested to be included in the DCHC MPO's Comprehensive Transportation Plan and Metropolitan Transportation Plan. The study will develop recommendations for how projects should be funded including the potential for federal and state funding through the Transportation Improvement Program and MPO funding opportunities.

Proposed budget and level of effort:

It is proposed that DCHC MPO staff administer the project, with a technical lead identified for each phase of study identified from the City and County. An intergovernmental staff advisory committee would provide guidance for the development of each phase of study. Participation would be tailored to each phase, and could include staff from DCHC MPO, NCDOT, GoTriangle, Durham Public Schools, Research Triangle Foundation, and neighboring jurisdictions outside of the County as applicable.

The proposed budget for the project is \$360,000. Please see table below for additional detail. The exact funding shares are subject to change based on refinement of the scope and the consultant selection process.

	Local	Federal (STBG-DA)	Total
City of Durham	\$48,000	\$192,000	\$240,000
Durham County	\$24,000	\$96,000	\$120,000
Total	\$72,000	\$288,000	\$360,000

FTA Code	Task Code	Task Description	STBG-DA			MPO Planning and Admin - PL104	Safe & Acc Transp Options PL104 set aside (Program code Y410)						Task Funding Summary						
			133(b)(3)(7)				Local	FHWA	Total				Local	FHWA	Total	Local	NCDOT	Federal	Total
			Local	FHWA	Total														
			20%	80%	100%														
	II-A	Data and Planning Support																	
44.24.00	II-A-1	Networks and Support Systems	\$500	\$2,000	\$2,500									\$500	\$0	\$2,000	\$2,500		
44.23.01	II-A-2	Travelers and Behavior	\$1,100	\$4,400	\$5,500									\$1,100	\$0	\$4,400	\$5,500		
44.23.02	II-A-3	Transportation Modeling	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
	II-B	Planning Process																	
44.23.02	II-B-1	Targeted Planning/CMP	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
44.23.01	II-B-2	Regional Planning	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
		Y410 - Safe & Accessible Transportation Options	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
44.27.00	II-B-3	Special Studies Operations												\$0	\$0	\$0	\$0		
44.27.00	II-B-3	Downtown Carrboro parking study	\$300	\$1,200	\$1,500									\$300	\$0	\$1,200	\$1,500		
	III-A	Planning Work Program																	
44.21.00	III-A-1	Planning Work Program	\$300	\$1,200	\$1,500									\$300	\$0	\$1,200	\$1,500		
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
	III-B	Transp. Improvement Plan																	
44.25.00	III-B-1	Prioritization	\$200	\$800	\$1,000									\$200	\$0	\$800	\$1,000		
44.25.00	III-B-2	Metropolitan TIP	\$800	\$3,200	\$4,000									\$800	\$0	\$3,200	\$4,000		
44.25.00	III-B-3	Merger/Project Development	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.																	
44.27.00	III-C-1	Title VI	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
44.27.00	III-C-2	Environmental Justice	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
44.27.00	III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$800	\$3,200	\$4,000									\$800	\$0	\$3,200	\$4,000		
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
	III-D	Statewide & Extra-Regional Planning																	
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
	III-D-2	Statewide & Extra-Regional Planning	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
	III-E	Management & Operations																	
44.27.00	III-E-1	Board & TC Support and Liaison	\$200	\$800	\$1,000									\$200	\$0	\$800	\$1,000		
44.27.00	III-E-2	Member Services	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
44.27.00	III-E-3	Workgroup Support	\$0	\$0	\$0									\$0	\$0	\$0	\$0		
Totals			\$4,200	\$16,800	\$21,000									\$4,200	\$0	\$16,800	\$21,000		
			Local	Federal	Total	Local	Federal	Total	Local	Federal	Total			Local	State	Federal	Grand Total		
			STBGDA			PL104			Y410					Totals					

TOWN OF CARRBORO

TASK II-A-1: NETWORKS AND SUPPORT SYSTEMS

Description: This section covers data and processes used to support transportation planning related to transportation infrastructure. It includes (but is not limited to): Traffic Volume Counts, Vehicle Miles of Travel, Street System Changes, Traffic Crashes, Transit System Data, Air Travel, Central Area Parking Inventory, Bicycle and Pedestrian Facilities Inventory including Trails, Collection of Network Data, and Capacity Deficiency Analysis.

Objectives: To collect local traffic count data relevant to the CMP, TRM model analysis, the Town's residential traffic management plan, or other studies. Town staff to provide transportation impact analysis and/or synchro files developed for local projects and other relevant data sets.

Previous Work: The Town has submitted traffic count data, parking inventory data and bicycle/pedestrian data when collected in support of local studies to the MPO.

Requested Activities:

- Inventory on and off-street parking facilities
- Update mapping for bike and pedestrian facilities
- Collect daily, weekly, and monthly ridership counts; compile service-related information by route
- Assemble transit system characteristics
- Provide annual TAM and State of Good Repair target inventories
- Additional data collection tasks as needed/ requested by the LPA

Deliverables:

- Database of parking facilities
- GIS shape files containing parking data
- Transit system statistics as part of quarterly progress reports to the LPA in Excel for transit system data and in a GIS shape files (spatial) for route and stop attributes
- GIS shapefiles of bicycle and pedestrian networks
- Annual TAM and SGR inventories and targets

Relationship to other plans and MPO activities: Data will be used for the CMP and MRC. Counts may be helpful in determining focus areas for TDM strategies, the Triangle Regional Model (TRM), the Town's conceptual Slow Zone proposal, and responding to citizen inquiries for safety improvements on NCDOT and Town maintained facilities or as part of a capacity analysis for the consideration of a restriping project. Also relevant to the 2021-22 Parking Study, the 2050 MTP, Bicycle Plan Update (2021), the Carrboro Comprehensive Plan, *Carrboro Connects*.

TOWN OF CARRBORO

TASK II-A-1: NETWORKS AND SUPPORT SYSTEMS

Proposed budget and level of effort:

50 percent of work to be completed by the Transportation Planner.

50 percent of work to be completed by the GIS Technician.

Local Staff Hours: 65 Hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$400	\$0	\$1,600	\$2,500
Total	\$400	\$0	\$1,600	\$2,500

TOWN OF CARRBORO

TASK II-A-2: TRAVELERS AND BEHAVIOR

Description: This section covers data and processes used to support transportation planning related to socio-economic data and conditions. It includes (but is not limited to): Dwelling Unit, Population, and Employment Changes, Collection of Base Year Data, Travel Surveys, Vehicle Occupancy Rates (Counts), and Travel Time Studies.

Objectives: To support mapping activities for the MPO such as amendments to the CTP, MTP, the TRM update, and generate maps as needed for other MPO or Town transportation planning tasks.

Previous Work: The Town provided local socioeconomic data for the 2040 and 2045 MTPs, reviewed and modified Community Viz for the 2050 MTP place type and development status categories. The Town edited the employment shapefile in Employment Analysis in preparation for the 2050 MPT, analyzed residential and employment density in the vicinity of bus stops for the 2022 Orange County Transit Plan Update, provided downtown Carrboro parking inventory maps, and regularly updated transportation shapefiles based on new developments and completed projects.

Requested Activities:

- Update geospatial mapping for SE data, development proposals/permits, bike-pedestrian networks, development review activities, building permit and Certificate of Occupancy data, highway element of the MTP, transit element of the MTP, etc.
- Employment dataset for 2020 to update models
- Additional data collection tasks as needed/ requested by the LPA

Deliverables:

- SE Data shapefiles
- Development review/proposals
- Permits
- CO's
- Data collection locations
- Basemaps, etc.

Relationship to other plans and MPO activities: 2050 MTP, TRM update, 2021-22 Parking Study, the 2050 MTP, Bicycle Plan Update (2021), the Carrboro Comprehensive Plan, *Carrboro Connects*.

Proposed budget and level of effort:

50 percent of work to be completed by the GIS Analyst.

50 percent of work to be completed by the GIS Technician.

Local Staff Hours: 100 Hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$900	\$0	\$3,600	\$5,500
Total	\$900	\$0	\$3,600	\$5,500

TOWN OF CARRBORO

TASK II-B-3: SPECIAL STUDIES

Description: This task includes mode-specific plans and special studies that do not fall under Operational Planning.

Objectives: The Town will continue to coordinate with consultants for regular downtown parking counts to inform the ongoing parking study and finalize recommendations.

Previous Work: The Town has engaged in transportation-related studies such as the Updated Bicycle Plan (2021), conceptual design and plans for other transportation infrastructure projects, the Safe Routes to School Action Plan, the West Main Street Road Diet Study, both Downtown Carrboro Parking Studies, the NC 54 West Corridor Study, and the NC 54 Bike-Ped Study (in partnership with Chapel Hill and NCDOT), and the East Main Street capacity analysis.

Requested Activities: Review other Town plans and studies as necessary.

Deliverables:

- Downtown Parking Plan Data
- Related data for use by the MPO

Relationship to other plans and MPO activities: 2050 MTP, CMP, MRC, Updated Bicycle Plan (2021), Comprehensive Plan, *Carrboro Connects*

Proposed budget and level of effort:

50 percent of work to be completed by the Planning Administrator.

50 percent of work to be completed by the Transportation Planner.

Local Staff hours: 30 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$300	\$0	\$1,200	\$1,500
Total	\$300	\$0	\$1,200	\$1,500

TOWN OF CARRBORO

TASK III-A-1: UNIFIED PLANNING WORK PROGRAM

Description: A Unified Planning Work Program (UPWP) will be prepared annually by the MPO in cooperation with other participating agencies and under the guidance of the Technical Coordinating Committee. The PWP will present the proposed planning work program for the next year and review the most recent accomplishments of the planning process. A 5-year plan that shows basic assumptions for work to be performed in future PWPs for the current year and subsequent 4 years should also be developed. This will reflect the high-level PWP categories and show the progression of projects that require more than one year to complete and ongoing maintenance tasks.

Objectives: To track and report on Carrboro's FY2024 UPWP activities and process amendments to the UPWP if necessary. The Town will submit Carrboro's portion of the FY2024 UPWP to the MPO and participate in oversight of the UPWP process.

Previous Work: Town staff has prepared UPWP reports each year and tracked the completion of UPWP tasks with quarterly progress reports. Progress reports have made clear how much funding remains for tasks in the fiscal year, guiding whether amendments are necessary. Town staff has also participated in the LPA oversight meetings.

Requested Activities: Development of the UPWP, process amendments of the UPWP as necessary, prepare quarterly invoices and reimbursement requests

Deliverables:

- Development of draft and final UPWP
- Quarterly invoices and reports
- Amendment(s) of UPWP as necessary
- Transmittal of documentation, work products/deliverable highlighted elsewhere to the LPA

Relationship to other plans and MPO activities: Required by federal law, the Unified Planning Work Program is the mechanism for regional transportation planning and coordination in the MPO. It allocates a portion of STP-DA and 5303 funding received by the MPO for planning activities.

Proposed budget and level of effort:

60 percent of the work to be completed by the Transportation Planner.

40 percent to be completed by the Planning Administrator.

Local Staff hours: 30 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$300	\$0	\$1,200	\$1,500
Total	\$300	\$0	\$1,200	\$1,500

TOWN OF CARRBORO

TASK III-B-1: PRIORITIZATION

Description: The MPO list of projects to evaluate under NCGS § 136-18 (42) is developed biennially to communicate the MPO's priorities regarding the funding schedule of already programmed projects, the acceleration of long-term projects into the program, and the addition of new projects to the STIP. This process is called the Strategic Prioritization of Transportation (SPOT).

Objectives: To review Town projects currently programmed in the STIP and under consideration to be programmed in the 2024-2033 STIP as part of P6.0, to provide the MPO and NCDOT with updated cost estimates and project schedules as requested and to participate in the evaluation of projects as part of MPO Technical Committee/subcommittee work. Town staff will also monitor the status of projects previously programmed in the 2020-2029 STIP that now appear to be subject to reprioritization.

Previous Work: The Town has submitted projects for consideration in P3.0, P4.0, P5.0 and P6.0, and has provided updated cost estimates and milestone information as requested.

Requested Activities:

- Provide candidate projects for consideration in the SPOT process
- Provide relevant data and shapefiles for candidate SPOT projects
- Participate in the local points assignment process for SPOT
- Assist with public involvement for various phases of the SPOT process

Deliverables:

- Candidate projects for SPOT
- GIS shapefiles and data for candidate projects
- Evaluation of candidate projects for SPOT

Relationship to other plans and MPO activities: Including but not limited to, the 2050 MTP, CTP, Updated Bicycle Plan (2021), Comprehensive Plan, Carrboro Connects and other Town plans such as the Safe Routes to School Action Plan.

Proposed budget and level of effort:

75 percent of work to be completed by the Planning Administrator.

25 percent of work to be completed by the Transportation Planner.

Local Staff hours: 20 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$200	\$0	\$800	\$1,000
Total	\$200	\$0	\$800	\$1,000

TOWN OF CARRBORO

TASK III-B-2: METROPOLITAN TIP

Description: Every 2 years, the MPO will prepare a metropolitan programming document (TIP) which is coordinated with the State Transportation Improvement Program (STIP). The local programming document is a short range, five to ten-year multi-modal program which identifies transportation improvements recommended for advancement during the program period, identifies priorities, groups improvements into staging periods, includes estimated costs and revenues, and is fiscally constrained.

Objectives: To facilitate timely progress on TIP projects and process amendments when necessary. The Town will continue to participate in review and coordination regarding the SPOT 6.0 prioritization process. Provide the MPO Board with biannual updates on Town STIP projects.

Previous Work: The Town currently has five projects in the STIP that are underway. Four are in design/redesign: the Bicycle Loop Detectors (U-4726-DF), the Morgan Creek Greenway Phase 1 (EL-4828A), the Jones Creek Greenway (C-5181), and the South Greensboro Street Sidewalk (C-5650); the Homestead Road-Chapel Hill High School Multi-Use Path (U-4726-DE) has been constructed and the Town is working with NCDOT to complete remaining punch list items prior to NCDOT acceptance. A sixth project, the Rogers Road Sidewalk has been completed and accepted (U-4726-DD). The Town currently has four projects programmed in the STIP that not yet been initiated: Bike/Ped Improvements to Estes Drive (EB-5886), Jones Ferry Road Sidewalk (EB-5880), Barnes Street Sidewalk (EB-5890) and Downtown Connector (C-5605). A fifth project the NC 54 Sidepath will likely be subject to reprioritization.

Activities:

- Submit candidate projects, with relevant data and GIS shapefiles, for the MPO's LAP program
- Review the draft STIP and MTIP and provide comment

Deliverables:

- MTIP local agencies' supplement
- MTIP amendment requests
- Summary of public involvement activities
- Comments on the draft STIP and MTIP

Relationship to other plans and MPO activities: 2024-2033 STIP, 2020-2020 STIP, DCHC MPO Regional Flexible Funding, 2050 MTP, CTP, Orange County Transit Plan.

Proposed budget and level of effort.

50 percent of work to be completed by the Transportation Planner.

50 percent work to be completed by the Planning Administrator.

Local Staff hours: 75 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$800	\$0	\$3,200	\$4,000
Total	\$800	\$0	\$3,200	\$4,000

TOWN OF CARRBORO

TASK III-C-6: PUBLIC INVOLVEMENT/ EQUITABLE COMMUNITY ENGAGEMENT

Description: An effective public involvement process provides for an open exchange of information and ideas between the public and transportation decision-makers. Objectives of an area's public involvement process include that it is proactive, provides complete information, timely public notice, full public access to key decisions, and opportunities for early and continuing involvement. It also provides mechanisms for the agency or agencies to solicit public comments and ideas, identify circumstances and impacts which may not have been known or anticipated by public agencies, and builds support among the public who are stakeholders in transportation investments.

Objectives: To participate in and contribute to MPO-related meetings and adhere to the goals and tasks laid out in the Unified Planning Work Program. Town staff will ensure that elected officials have adequate information to make informed decisions on local and regional transportation issues. Town staff will also ensure the local transportation advisory board and planning board both have the information it needs to develop sound recommendations on local and regional transportation issues. To improve staff efficiency and knowledge through training sessions and educational materials.

Previous Work: The Town will continue its public activities in FY 2024, similar to proposed activities described below, and will include increasing use of social media for notice of local matters on transportation matters and of MPO meetings and input opportunities. Public involvement occurs for most development review processes, already.

Requested Activities:

- Ensure early, proactive, and meaningful public participation and input throughout the transportation planning process, including providing the public with complete information, timely notice, and full access to key decisions and opportunities for early and continuing involvement in the 3C process
- Assess the effectiveness of the current Public Involvement Process as required by the federal certification team. Develop and enhance the process of public dissemination of information
- Update the Public Involvement Plan (PIP) and Limited English Proficiency Plan (LEP)
- Develop and implement public involvement strategies to reach EJ communities

Deliverables:

- Update public involvement mailing/contact list
- Summary of public involvement activities, including means of advertisement, attendance, and response to comments
- Report on the analysis of the effectiveness of the local agencies' public involvement, especially in reaching EJ communities

Relationship to other plans and MPO activities: This task supports all plans and MPO activities. The Town will continue to provide for an open exchange of information and ideas between the public and transportation decisions-makers. The Town will work to increase public participate in transportation planning matters at the local and regional (MPO) levels.

TOWN OF CARRBORO

TASK III-C-6: PUBLIC INVOLVEMENT/ EQUITABLE COMMUNITY ENGAGEMENT

Proposed budget and level of effort:

50 percent of work to be completed by the Transportation Planner.

50 percent of work to be completed by the Planning Administrator.

Local Staff hours: 80 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$800	\$0	\$3,200	\$4,000
Total	\$800	\$0	\$3,200	\$4,000

TOWN OF CARRBORO

TASK III-E-1: BOARD SUPPORT, MEMBER SERVICES, AND ADMINISTRATION

Description: Support of advisory and governing boards, including maintenance of membership and appointments, meeting planning, agenda preparation and posting, conducting meetings & hearings, minutes preparation, and compliance with Open Meetings & Public Records statutes.

Objectives: To participate in and contribute to MPO-related meetings and adhere to the goals and tasks set out in the Unified Planning Work Program. Town staff will ensure that elected officials have adequate information to make informed decisions on local and regional transportation issues. Town staff will also ensure that local advisory boards have the necessary information to review and prepare recommendations on local and regional transportation matters as directed. The Town will also seek to improve staff efficiency and knowledge through training sessions and educational materials.

Previous Work: Similar to requested activities described below.

Requested Activities:

- *Program no more than 5% of total funding request in this task code*
- Attend MPO Board and TC meetings and any relevant sub-committee meetings that don't pertain to other defined Task Codes
- Provide agenda items for board and committee meetings as requested or needed

Deliverables:

- Relevant and requested presentations to the MPO Board, TC and/or City Council on various transportation topics
- Participation in MPO TC and Board meetings on general topics not already defined in another Task Code
- Facilitation of requested follow-up information from board and committee meetings

Relationship to other plans and MPO activities: This task supports all plans and MPO activities.

Proposed budget and level of effort:

60 percent of the work to be completed by the Transportation Planner.

40 percent of the work to be completed by the Planning Administrator.

Local Staff hours: 20 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$200	\$0	\$800	\$1,000
Total	\$200	\$0	\$800	\$1,000

FTA Code	Task Code	Task Description	STBG-DA			MPO Planning and Admin - PL104			Safe & Acc Transp Options PL104 set aside (Program code Y410)			Chapel Hill Transit						Task Funding Summary			
			133(b)(3)(7)									Section 5303						Local	NCDOT	Federal	Total
			Local	FHWA	Total	Highway/Transit															
						20%	80%	100%	Local	NCDOT	FTA	Total									
	II-A	Data and Planning Support																			
44.24.00	II-A-1	Networks and Support Systems	\$400	\$1,600	\$2,000							1,620	1,620	12,960	16,200		\$2,020	\$1,620	\$14,560	\$18,200	
44.23.01	II-A-2	Travelers and Behavior	\$600	\$2,400	\$3,000							\$3,420	\$3,420	\$27,360	\$34,200		\$4,020	\$3,420	\$29,760	\$37,200	
44.23.02	II-A-3	Transportation Modeling	\$600	\$2,400	\$3,000							\$720	\$720	\$5,760	\$7,200		\$1,320	\$720	\$8,160	\$10,200	
	II-B	Planning Process																			
44.23.02	II-B-1	Targeted Planning/CMP	\$800	\$3,200	\$4,000							\$1,780	\$1,780	\$14,240	\$17,800		\$2,580	\$1,780	\$17,440	\$21,800	
44.23.01	II-B-2	Regional Planning	\$2,000	\$8,000	\$10,000							\$1,920	\$1,920	\$15,360	\$19,200		\$3,920	\$1,920	\$23,360	\$29,200	
		Y410 - Safe & Accessible Transportation Options			\$0												\$0	\$0	\$0	\$0	
44.27.00	II-B-3	Special Studies Operations															\$0	\$0	\$0	\$0	
44.27.00	II-B-3	Multiple new and ongoing studies (see task narrative)	\$1,600	\$6,400	\$8,000							\$3,200	\$3,200	\$25,600	\$32,000		\$4,800	\$3,200	\$32,000	\$40,000	
	III-A	Planning Work Program																			
44.21.00	III-A-1	Planning Work Program	\$400	\$1,600	\$2,000							\$440	\$440	\$3,520	\$4,400		\$840	\$440	\$5,120	\$6,400	
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0							\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	
	III-B	Transp. Improvement Plan																			
44.25.00	III-B-1	Prioritization	\$0	\$0	\$0							\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	
44.25.00	III-B-2	Metropolitan TIP	\$3,600	\$14,400	\$18,000							\$3,200	\$3,200	\$25,600	\$32,000		\$6,800	\$3,200	\$40,000	\$50,000	
44.25.00	III-B-3	Merger/Project Development	\$1,200	\$4,800	\$6,000							\$0	\$0	\$0	\$0		\$1,200	\$0	\$4,800	\$6,000	
	III-C	Cvi Rgts. Cmp./Otr .Reg. Reqs.																			
44.27.00	III-C-1	Title VI	\$0	\$0	\$0							\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	
44.27.00	III-C-2	Environmental Justice	\$600	\$2,400	\$3,000							\$1,620	\$1,620	\$12,960	\$16,200		\$2,220	\$1,620	\$15,360	\$19,200	
44.27.00	III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0							\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$600	\$2,400	\$3,000							\$0	\$0	\$0	\$0		\$600	\$0	\$2,400	\$3,000	
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0							\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$1,400	\$5,600	\$7,000							\$2,060	\$2,060	\$16,480	\$20,600		\$3,460	\$2,060	\$22,080	\$27,600	
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0							\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	
	III-D	Statewide & Extra-Regional Planning																			
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$1,000	\$4,000	\$5,000							\$0	\$0	\$0	\$0		\$1,000	\$0	\$4,000	\$5,000	
	III-D-2	Statewide & Extra-Regional Planning	\$0	\$0	\$0							\$2,240	\$2,240	\$17,920	\$22,400		\$2,240	\$2,240	\$17,920	\$22,400	
	III-E	Management & Operations																			
44.27.00	III-E-1	Board & TC Support and Liaison	\$800	\$3,200	\$4,000							\$2,480	\$2,480	\$19,840	\$24,800		\$3,280	\$2,480	\$23,040	\$28,800	
44.27.00	III-E-2	Member Services	\$0	\$0	\$0							\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	
44.27.00	III-E-3	Workgroup Support	\$0	\$0	\$0							\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	
Totals			\$15,600	\$62,400	\$78,000							\$24,700	\$24,700	\$197,600	\$247,000		\$40,300	\$24,700	\$260,000	\$325,000	
			Local	Federal	Total	Local	Federal	Total	Local	Federal	Total	Local	State	Federal	Total		Local	State	Federal	Grand Total	
			STBGDA			PL104			Y410			Section 5303 Transit Planning					Totals				

TOWN OF CHAPEL HILL

TASK II-A-1: NETWORKS AND SUPPORT SYSTEMS

Description: The Town of Chapel Hill will conduct local traffic counts for planning purposes and provide data to DCHC MPO as needed. The Town will also collect and maintain transit route and ridership data, bike and pedestrian counts and facility data, and parking data in the downtown core. The Town will evaluate the current process for conducting Traffic Impact Analyses and explore regional and national best practices.

Objectives:

- Fill in town-wide traffic model with traffic counts from different locations
- Utilize town-wide traffic model for evaluation of proposed street system changes
- Maintain current data sets for traffic, bike-ped, transit, and parking

Previous Work:

- Local traffic counts for studies/plans
- Traffic Impact Analyses related to proposed developments
- Mobility Report Cards
- Town-wide traffic model
- Downtown parking studies and data collection
- Regular bike-ped counts at various locations

Requested Activities:

- Collect parking data for on and off-street facilities
- Update mapping for bike and pedestrian facilities
- Collect transit route and ridership data
- Provide annual TAM and State of Good Repair target inventories
- Conduct traffic, bike, and pedestrian counts
- Additional data collection tasks as needed/requested by the LPA

Products:

- Up-to-date town-wide traffic model
- Traffic, bike, pedestrian volume data
- Downtown parking data
- Transit route and ridership data
- GIS files of data as needed

TOWN OF CHAPEL HILL

TASK II-A-1: NETWORKS AND SUPPORT SYSTEMS

Relationship to other plans and MPO activities: CMP, Mobility Report Card, TRM, Chapel Hill traffic analytics/town-wide model, Mobility and Connectivity Plan

Proposed budget and level of effort:

This task will be undertaken by the Transportation Planning Manager and Current Development Manager – **35 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$400	\$0	\$1,600	\$2,000
Total	\$400	\$0	\$1,600	\$2,000

TOWN OF CHAPEL HILL

TASK II-A-2: TRAVELERS AND BEHAVIOR

Description: The Town of Chapel Hill will continue to undertake tasks associated with mapping and updates to UPWP transportation planning activities such as the CMP, MTP, CTP, TIP, SPOT, traffic counts, bicycle and pedestrian counts and inventory, transit routes, land use, development review, socio-economic and demographic trends, and environmental factors. The Town mapping and spatial GIS products will support the MPO overall GIS and geo-spatial management system.

Objectives:

- Provide maps for use in various MPO planning activities
- Update and maintain geo-spatial maps
- Maintain GIS-online

Previous Work:

- Mapping for MTP, CTP, SPOT processes, and STIP projects
- Traffic, bike, pedestrian counts
- Mapping for special projects

Requested Activities:

- Collect updated geospatial data
- Create files and maps containing MPO transportation data
- Utilize GIS-online to organize data and help with public outreach

Products:

- Maps for various MPO planning initiatives
- Region-wide GIS files
- Story maps and other interactive public facing GIS-online tools

Relationship to other plans and MPO activities: TRM, MTP, CTP, CMP, Mobility Report Card, TIP development, SPOT, Mobility and Connectivity Plan, TOD Study

Proposed budget and level of effort:

Task will be undertaken primarily by the Current Development Manager – **50 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$600	\$0	\$2,400	\$3,000
Total	\$600	\$0	\$2,400	\$3,000

TOWN OF CHAPEL HILL

II-A-3: TRANSPORTATION MODELING

Description: The Town of Chapel Hill will participate and assist the MPO and GoTriangle in developing revenue and expenditure assumptions and data related to the Orange County Transit Plan and other Town- and MPO-related finances. Town staff will develop cost estimates and budgets for SPOT submissions, TIP projects, other projects from the 2050 MTP, and monitor budgets of projects underway.

Objectives:

- Provide financial information and monitor implementation of the OC Transit Plan
- Create, adopt, and monitor budgets for TIP projects
- Accurate cost estimates for SPOT and RFF submissions, and internal CIP projects

Previous Work:

- Financial element of the 2045 & 2050 MTP
- Orange County Transit Plan update and financial assumptions
- Budgets for existing TIP, MTP, and SPOT projects
- Town annual budgets and 5-year budgets

Requested Activities:

- Monitor financial reporting from GoTriangle for OC Transit Plan
- Submit necessary documentation to GoTriangle for OC Transit Plan projects
- Attend Orange County Transit Plan Staff Working Group meetings
- Budget work for Town and regional TIP projects

Products:

- Quarterly invoices and reports for OC Transit Plan projects
- Cost estimates and budgets for TIP, MTP, CIP, and SPOT projects

Relationship to other plans and MPO activities: UPWP, TIP, MTP, OC Transit Plan, Town 5-year budgets, CIP

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager – **25 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$600	\$0	\$2,400	\$3,000
Total	\$600	\$0	\$2,400	\$3,000

TOWN OF CHAPEL HILL

II-B-1: TARGETED PLANNING

Description: The Town of Chapel Hill will continue to work with the MPO to refine the collection and analysis of data related to the congestion management system for the MPO. Town staff will prepare information and analysis specific to congestion in Chapel Hill and develop strategies to address these issues. Town staff will coordinate Transportation Demand Management (TDM) activities for numerous businesses in Chapel Hill as well as the general public. Town staff will participate in transit planning and support local and regional Climate Action planning initiatives. Town staff will begin implementation strategies for the recently completed Connected Roads Plan and Policy.

Objectives:

- Support MPO congestion management process and Mobility Report Card development
- Implement strategies to reduce single occupancy vehicle use and vehicle miles travelled
- Support Chapel Hill Transit in developing short-range and long-range transit plans
- Implement Connected Roads Plan and Policy

Previous Work:

- Connected Roads Plan and Policy
- MPO CMP and Mobility Report Card
- Ongoing TDM efforts
- Previous biennial traffic signal timing studies

Requested Activities:

- Coordinate with MPO on data collection
- Continue local traffic analyses
- Implement Transportation Demand Management strategies to reduce SOV use
- Strategies to implement recommendations from Connected Roads Plan and Policy

Products:

- MPO CMP and Mobility Report Card
- Results from biannual TDM survey
- Local ordinance reflecting recommendations from Connected Roads Plan and Policy
- Ongoing transit planning

Relationship to other plans and MPO activities: CMP, Mobility Report Card, MTP, Mobility and Connectivity Plan, Connected Roads Plan and Policy

TOWN OF CHAPEL HILL

II-B-1: TARGETED PLANNING

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager and Current Development Manager – **65 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$800	\$0	\$3,200	\$4,000
Total	\$800	\$0	\$3,200	\$4,000

TOWN OF CHAPEL HILL

II-B-2: REGIONAL PLANNING

Description: The Town of Chapel Hill will assist and support the MPO on the evaluation of highway, transit, and bike-ped elements of the 2050 MTP. Staff will participate in any needed amendments to the MTP or CTP. Participate on new and ongoing regional planning studies, including the Transit-Oriented Development Study, transportation section of the Land Use Management Ordinance rewrite, N-S BRT, Triangle Bikeway Study, and others as needed.

Objectives:

- Work with NCDOT to develop designs for highway projects in Chapel Hill
- Plan and implement transit and bike-ped projects from the MTP

Previous Work:

- 2045 & 2050 MTP
- Travel demand forecast
- 15-501 Corridor study (almost complete)
- Regional transit studies
- Bike-ped projects from MTP

Requested Activities:

- Support MPO in MTP and CTP activities
- Implement highway, transit, bike-ped projects from the MTP
- Assist with amendments to MTP and CTP
- Other regional projects as needed

Products:

- Current GIS shapefiles of highway, transit, and bike-ped elements of the MTP/CTP
- Well-designed highway, transit, and bike-ped projects from MTP
- Amendments as needed to the MTP/CTP

Relationship to other plans and MPO activities: 2045 MTP, CTP, 15-501 Corridor Study, Ephesus-Fordham TIA, Mobility and Connectivity Plan

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager – **35 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$2,000	\$0	\$8,000	\$10,000
Total	\$2,000	\$0	\$8,000	\$10,000

TOWN OF CHAPEL HILL

II-B-3: SPECIAL STUDIES

Description: The Town of Chapel Hill will participate on new and ongoing special studies, including the 15-501 Corridor study.

Objectives:

- Provide staff support to special studies that impact the MPO
- Conduct local special studies that benefit the MPO and the Region

Previous Work:

- Staff assistance to 15-501 Corridor Study
- N-S BRT alternatives analysis
- Future Land Use Map
- Great Trails State map

Requested Activities:

- Attend coordination meetings
- Prepare data on request
- Provide updates to staff and elected officials
- Create and produce studies that impact and benefit the MPO

Products:

- Special studies

Relationship to other plans and MPO activities: CTP, MTP, STIP/TIP, CMP, Mobility and Connectivity Plan, Connected Roads Plan and Policy, Future Land Use Map

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager and the Current Development Manager – **275 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$1,600	\$0	\$6,400	\$8,000
Total	\$1,600	\$0	\$6,400	\$8,000

TOWN OF CHAPEL HILL

III-A-1: PLANNING WORK PROGRAM

Description: The Town of Chapel Hill will administer the Chapel Hill element of the FY24 UPWP that describes all transportation and transportation-related planning activities anticipated within the Town of Chapel Hill and MPO planning area. Staff will prepare and process quarterly reports and amendments as needed. Evaluate transportation planning work needs and emphasis areas and prepare the FY25 UPWP.

Objectives:

- Follow guidelines to administer the FY24 UPWP
- Submit quarterly reports and invoices on time

Previous Work:

- Previous UPWPs

Requested Activities:

- Review and amend relevant parts of the FY24 UPWP
- Prepare and submit quarterly reports and invoices
- Develop FY25 UPWP

Products:

- Amendments to the current UPWP as necessary
- Quarterly reports and invoices
- FY25 UPWP

Relationship to other plans and MPO activities: The UPWP captures work required for all other plans and MPO activities.

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager – **35 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$400	\$0	\$1,600	\$2,000
Total	\$400	\$0	\$1,600	\$2,000

TOWN OF CHAPEL HILL

III-B-2: METROPOLITAN TIP

Description: The Town of Chapel Hill will assist the MPO in developing projects for consideration in the next update of the STIP/TIP. Town staff will also work to implement projects currently in the STIP, including bike-ped improvements on Estes Drive, Estes Drive Extension, and the sidepath on US -15-501, as well as NCDOT STIP projects like pedestrian improvements on NC 54 and capacity improvements on US 15-501.

Objectives:

- Finalize the 2024-2033 STIP
- Develop and implement projects in the STIP
- Work with regional partners to increase state and federal funding coming to the region through STIP projects

Previous Work:

- Project development for SPOT 5.0 and 6.0
- TIP project planning and implementation
- TIP amendments

Requested Activities:

- Submit candidate projects, with relevant data and GIS shapefiles, for the MPO's LAP program
- Review draft STIP and MTIP and provide comment
- Plan and implement TIP projects

Products:

- Final STIP and TIP
- TIP amendments as needed
- Progress on TIP projects
- Summary of public involvement activities

Relationship to other plans and MPO activities: MTP, CTP, SPOT 6.0, STIP, Mobility and Connectivity Plan

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager – **300 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$3,600	\$0	\$14,400	\$18,000
Total	\$3,600	\$0	\$14,400	\$18,000

TOWN OF CHAPEL HILL

III-B-3: MERGER/PROJECT DEVELOPMENT

Description: The Town of Chapel Hill will participate in the development of feasibility, environmental, alternatives analysis, design, and other studies required to move TIP projects forward for implementation. Town staff will assist the MPO in providing updates on LAPs and meet with NCDOT as needed.

Objectives:

- Advance LAP projects
- Assist MPO with project development and project updates

Previous Work:

- SPOT 5.0 & 6.0
- 2023 Call for Projects project development
- 2022 LAP updates to MPO Board

Requested Activities:

- Provide LPA staff with regular updates on LAPs
- Develop projects to compete in MPO calls for projects
- Participate in meetings with NCDOT on STIP projects and provide local information and perspective

Products:

- LAP delivery status reports and presentations
- Feasible projects for MPO calls for projects

Relationship to other plans and MPO activities: MTP, CTP, STIP, SPOT 6.0, Mobility and Connectivity Plan

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager – **100 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$1,200	\$0	\$4,800	\$6,000
Total	\$1,200	\$0	\$4,800	\$6,000

TOWN OF CHAPEL HILL

III-C-2: ENVIRONMENTAL JUSTICE

Description: The Town of Chapel Hill will undertake activities that focus on complying with Executive Order 12898 and principles of Environmental Justice. Town staff will work on policies and practices that ensure all people and groups are invited to participate and are involved in planning processes. Staff will center equity in decision-making processes and elevate needs of vulnerable and underserved populations in transportation planning.

Objectives:

- Support MPO staff in carrying out the recommendations of the EJ Plan
- Ensure adequate public outreach to and input from marginalized populations
- Consider equity in all transportation planning and decision-making processes

Previous Work:

- MPO Environmental Justice Plan
- Communities of Concern mapping
- Public outreach to vulnerable populations

Requested Activities:

- Assist with the implementation of the MPO EJ and LEP programs
- Work with other Town departments to increase our engagement and outreach to communities of concern
- Analyze who benefits and who is burdened by transportation projects and decisions
- Conduct broad and equitable public outreach for transportation projects

Products:

- Engagement and support for MPO activities as needed
- Summary of EJ/LEP outreach and analysis
- Updated communities of concern data

Relationship to other plans and MPO activities: Environmental Justice relates to all other plans and MPO activities.

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager and Current Development Manager – **50 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$600	\$0	\$2,400	\$3,000
Total	\$600	\$0	\$2,400	\$3,000

TOWN OF CHAPEL HILL

III-C-4: PLANNING FOR THE ELDERLY AND DISABLED

Description: The Town of Chapel Hill will work on a transportation planning process that includes transportation facilities and services for the elderly and disabled, consistent with ADA. The Town will finalize the ADA Transition Plan and begin implementing recommendations.

Objectives:

- Complete ADA Transition Plan for all Town facilities
- ADA and other considerations incorporated in our design guidelines

Previous Work:

- Downtown ADA Transition Plan
- Guidelines for low-vision populations

Requested Activities:

- Develop process for including disabled residents in our regular walk audits
- Ensure adequate participation from elderly and disabled populations
- Conduct outreach at facilities and in areas that serve elderly and disabled populations

Products:

- Final ADA Transition Plan
- Documented outreach activities
- Committees and/or task forces that include elderly and/or disabled residents

Relationship to other plans and MPO activities: ADA Transition Plan, Mobility and Connectivity Plan, Vision Zero

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager and the Current Development Manager – **50 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$600	\$0	\$2,400	\$3,000
Total	\$600	\$0	\$2,400	\$3,000

TOWN OF CHAPEL HILL

III-C-6: PUBLIC INVOLVEMENT/EQUITABLE COMMUNITY ENGAGEMENT

Description: The Town of Chapel Hill will ensure that public input and participation is part of the transportation planning process. The public involvement process will be proactive, provide complete information, timely public notice, full public access to key decisions by the public, and opportunities for early and continuing involvement. This will be done through public meetings, workshops, pop-up meetings, social media outreach, and community surveys.

Objectives:

- Equitable and thorough public involvement and engagement in transportation planning processes and decisions
- Utilize new and innovative strategies for public involvement
- Develop relationships with key community leaders

Previous Work:

- Community meetings, surveys, events

Requested Activities:

- Provide early, proactive, and meaningful public participation and input throughout the transportation planning process, including providing the public with complete information, timely notice, and full access to key decisions and opportunities for early and continuing involvement
- Conduct neighborhood walk audits that are led by community members
- Empower community members to advocate for change
- Assess effectiveness of public involvement processes and improve them

Products:

- Relationships with community leaders
- Summary of public involvement activities

Relationship to other plans and MPO activities: MTP, SPOT, Mobility and Connectivity Plan, Vision Zero

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager and the Current Development Manager – **115 hours**

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$1,400	\$0	\$5,600	\$7,000
Total	\$1,400	\$0	\$5,600	\$7,000

TOWN OF CHAPEL HILL

III-D-1: STATEWIDE & EXTRA-REGIONAL PLANNING

Description: The Town of Chapel Hill will coordinate with state and federal agencies involved in transportation planning activities on the regional, state, and national levels. Staff will participate on statewide planning groups, NC Vision Zero Task Force and Coalition, lead activities related to Great Trails State/Year of the Trail, and collaborate with regional partners on transit planning coordination.

Objectives:

- Integrate local planning and expertise with regional, statewide, and national efforts
- Learn best practices and implement them at the local level

Previous Work:

- DOLRT planning and evaluation
- NC 54 West study
- NC Vision Zero Coalition

Requested Activities:

- Attend meetings with regional and statewide partners related to transit options and coordination
- Participate in NC Vision Zero Task Force and Coalition
- Participate in the regional TDM program
- Attend statewide and national conferences related transportation planning
- Work with regional and statewide partners as needed

Products:

- High-capacity transit plans for major regional corridors
- TDM strategies implemented
- Other regional, statewide, national plans and studies as applicable

Relationship to other plans and MPO activities: MTP, CTP, N-S BRT, Triangle Bikeway, Vision Zero

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager and the Current Development Manager –
80 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$1,000	\$0	\$4,000	\$5,000
Total	\$1,000	\$0	\$4,000	\$5,000

TOWN OF CHAPEL HILL

III-E-1: BOARD SUPPORT, MEMBER SERVICES, AND ADMINISTRATION

Description: The Town of Chapel Hill will assist and support the MPO efforts in complying with federal requirements. Town staff will attend MPO and other regional meetings. The transportation planning process requires considerable administrative time for attending monthly committee meetings, preparing agendas and minutes, attending trainings/conferences, and performing other administrative duties related to being a MPO member jurisdiction. Town staff also manages meetings for the Transportation and Connectivity Advisory Board and frequently presents MPO-related information and plans to the Town Council.

Objectives:

- Perform all tasks necessary to conduct successful and forward-thinking transportation planning in the Town of Chapel Hill
- Fulfill duties of MPO member jurisdiction
- Keep Advisory Board and Town Council informed of transportation-related activities

Previous Work:

- Attended MPO TC, Board, and sub-committee meetings
- Liaised to the Transportation and Connectivity Advisory Board

Requested Activities:

- Attend all MPO TC, Board and sub-committee meetings
- Provide technical assistance to the MPO
- Staff Town Advisory Board meetings
- Brief Town MPO Board representatives prior to each meeting
- Review and comment on federal and state transportation-related plans, programs, regulations and guidelines pertaining to the Town of Chapel Hill
- Present to Council as necessary and appropriate

Products:

- Attendance at MPO meetings
- Feedback and comments from Council and advisory boards as appropriate

Relationship to other plans and MPO activities: This task supports all plans and MPO activities.

Proposed budget and level of effort:

Task will be undertaken by the Transportation Planning Manager and the Current Development Manager –
65 hours

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$800	\$0	\$3,200	\$4,000
Total	\$800	\$0	\$3,200	\$4,000

TOWN OF CHAPEL HILL (CHAPEL HILL TRANSIT) - SECTION 5303 TRANSIT BUDGET TABLE AND TASK NARRATIVES

MPO	DCHC MPO	DCHC MPO	DCHC MPO	DCHC MPO	DCHC MPO	DCHC MPO	DCHC MPO	DCHC MPO	DCHC MPO	DCHC MPO	DCHC MPO	DCHC MPO	
FTA Code	44.21.00	44.23.01	44.23.02	44.23.02	44.23.01	44.27.00	44.21.00	44.25.00		44.27.00	44.22.00	44.27.00	
Task Code	II-A-1	II-A-2	II-A-3	II-B-1	II-B-2	II-B-3	III-A-1	III-B-2	III-C-2	III-C-6	III-D-2	III-E-1	
Title of Planning Task	Networks and Support Systems	Travelers and Behaviors	Transportation Modeling	Targeted Planning	Regional Planning	Special Studies	Planning Work Program	Metropolitan TIP	Environmental Justice	Public Involvement/Equitable Community Engagement	Statewide & Extra Regional Planning	Board & TC Support and Liaison	TOTALS
Task Objective	Collect data on traffic volumes, transit systems, parking, bicycle and pedestrian inventory and counts, crashes, and street system changes to inform transit route planning. Provide annual TAM and State of Good Repair target inventories. Utilize Town-wide traffic model and evaluate TIA process to include transit and regional implications.	Participate with MPO in further development of regional GIS database; prepare mapping to support local and regional activities; travel time studies related to transit planning; other data collection and mapping tasks as requested by LPA.	Monitor implementation of adopted Financial Plan for 2050 MTP, Orange County Transit Plan, and other plans/projects. Develop cost estimates and budgets for LAP submissions, monitor project budgets.	Support the updates of the MPO CMP and Mobility Report Card activities. Coordinate with Triangle Regional TDM program to implement regionwide TDM program. Review development TIAs and evaluate impacts on transit. Continue implementation and evaluation of CHT Short Range Transit Plan, support transit elements of the Climate Action Plan.	Support development and implementation of the Orange County Transit Plan and evaluation of other regional transit projects, including Commuter Rail and BRT activities; support development and creation of the CTP and MTP; identify transit projects and policies to address transportation deficiencies.	Prepare special studies to support ongoing transit operations and Chapel Hill’s Vision Zero program. Continue work on TOD Study along BRT line, Land Use Management Ordinance update.	Development of the FY25 UPWP, process amendments to the FY24 UPWP as necessary, prepare quarterly invoice and reimbursement requests.	Project development and data for the LAP program, participation in STIP update, monitor and implement the adopted TIP and prepare information for amendments to TIP.	Activities that focus on complying with Executive Order 12898 and principles of environmental justice. Develop and implement policies that ensure that all people and groups are invite to participate and are involved in transit-planning decisions.	Ensure equitable public participation and input throughout the transportation planning process; build relationships with community leaders, use new and innovative strategies for public involvement.	Support regional and statewide planning projects, including Triangle Bikeway, Commuter Rail, and Vision Zero; coordinate projects with B-G MPO and statewide Vision Zero Coalition.	Support of advisory and governing bodies, including maintenance of membership and appointments, meeting planning, agenda preparation and posting, conducting meetings & hearings, minutes preparation, and compliance with Open Meetings & Public Records statutes.	
Tangible Product Expected	Traffic volume, transit systems, and parking data. Bike-ped facilities inventory and counts. Crash data and GIS street systems changes. TAM and SGR data.	MPO Regional GIS database and CMS database.	Refinements to the 2050 MTP financial plan, quarterly reports and annual work plan for the OC Transit Plan, other budgets and workplans for transit, TIP, and LAPs	Preparation of DCHC MPO CMS and other traffic projects. Development of TDM program, developments with appropriate traffic mitigation, GIS files of routes and proposed changes to CHT	Updated projects and GIS files to support; public engagement related to MTP; data to support transportation deficiencies	Participation in design/NEPA for BRT, 15-501 Corridor Study, NC 54 transit feasibility, Chapel Hill Vision Zero; work on other special studies as needed	Draft and final FY25 UPWP, quarterly invoices and reports, amendment of UPWP as necessary, transmittal of documentation, work products/deliverable highlighted elsewhere to the LPA	Competitive projects for LAP program, budgets and progress reports for ongoing TIP projects, amendments as needed	Summary of outreach to and engagement with vulnerable and/or underserved populations in Chapel Hill. Communities of concern data and maps.	Summary of public involvement activities, relationships with community leaders	Participation in regional, statewide, and local planning initiatives. High-capacity transit plans for regional corridors, Vision Zero program	Attend MPO Board, TC, and subcommittee meetings. Prep Board Reps prior to Board meetings, support Transportation and Connectivity Board and other Town/regional elected or appointed bodies.	
Expected Completion Date of Product(s)	6/30/2024	6/30/2024	6/30/2024	6/30/2024	6/30/2024	6/30/2024	6/30/2024	6/30/2024	6/30/2024	6/30/2024	6/30/2024	6/30/2024	
Previous Work	Collection of traffic volumes, transit systems, parking, bike-ped inventory and crashes, and street systems.	Support for development of geo spatial database. Maintained current transit GIS data.	2045 & 2050 MTP financial element, OC Transit Plan update and budget monitoring, and CHT’s Financial Sustainability Plan.	2019 Mobility Report Card, previous years’ TDM programs and reports, CHT Short Range Transit Plan.	Development of 2045 & 2050 MTP transit projects, Orange County Transit Plan inputs, BRT alternatives analysis.	Mobility and Connectivity Plan, N-S Corridor Study Alternatives Analysis.	Development and management of previous years’ UPWPs.	SPOT 4.0-6.0 project submissions, current TIP/STIP, monitoring and implementing past TIP projects.	MPO Environmental Justice Plan, communities of concern mapping, Vision Zero neighborhood outreach.	Public meetings for 2045 & 2050 MTP and CTP, meetings and surveys for SRTP and BRT, TOD and LUMO outreach.	US 15-501 South Corridor Study, NC 54 Corridor Study, Great State Trails, Triangle Bikeway.	Management of transit planning activities.	
Prior FTA Funds													
Relationship To Other Activities	Supports development and implementation of MTP, Orange County Transit Plan, Mobility and Connectivity Plan, and other MPO-related activities	Supports development and implementation of MTP, Orange County Transit Plan, and other MPO-related activities.	Supports development and implementation of MTP, Orange County Transit Plan, and other MPO-related activities.	Supports development of CMS. Supports implementation of regional TDM programs, climate action plan, and Connected Roads Plan and Policy.	Supports development and implementation of MTP, CTP, Orange County Transit Plan, and other MPO-related activities.	Supports implementation of adopted MTP, TIP and other state/federally funded projects, Future Land Use Map, Vision Zero.	Supports implemenation of annual work program.	Supports implementation of adopted MTP and TIP.	Supports all local and MPO activities.	Supports all MPO and Town transportation planning activities.	Supports the implementation of the 2050 MTP, CTP, TIP, and Chapel Hill Short Range Transit Plan.	Supports all other transit planning activities MPO-wide.	
Agency Responsible for Task Completion	Town of Chapel Hill	Town of Chapel Hill	Town of Chapel Hill	Town of Chapel Hill	Town of Chapel Hill	Town of Chapel Hill	Town of Chapel Hill	Town of Chapel Hill	Town of Chapel Hill	Town of Chapel Hill	Town of Chapel Hill	Town of Chapel Hill	
Section 5303 Local 10%	\$1,620	\$3,420	\$720	\$1,780	\$1,920	\$3,200	\$440	\$3,200	\$1,620	\$2,060	\$2,240	\$2,480	\$24,700
Section 5303 NCDOT 10%	\$1,620	\$3,420	\$720	\$1,780	\$1,920	\$3,200	\$440	\$3,200	\$1,620	\$2,060	\$2,240	\$2,480	\$24,700
Section 5303 FTA 80%	\$12,960	\$27,360	\$5,760	\$14,240	\$15,360	\$25,600	\$3,520	\$25,600	\$12,960	\$16,480	\$17,920	\$19,840	\$197,600
Total	\$16,200	\$34,200	\$7,200	\$17,800	\$19,200	\$32,000	\$4,400	\$32,000	\$16,200	\$20,600	\$22,400	\$24,800	\$247,000

TOWN OF HILLSBOROUGH BUDGET TABLE

FTA Code			STBG-DA			MPO Planning and Admin - PL104			Safe & Acc Transp Options PL104 set aside (Program code Y410)			Section 5303				Task Funding Summary			
			133(b)(3)(7)									Highway/Transit							
			Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total	Local	NCDOT	FTA	Total	Local	NCDOT	Federal	Total
			20%	80%	100%	20%	80%	100%	20%	80%	100%	10%	10%	80%	100%				
	II-A	Data and Planning Support																	
44.24.00	II-A-1	Networks and Support Systems	\$0	\$0	\$0											\$0	\$0	\$0	
44.23.01	II-A-2	Travelers and Behavior	\$0	\$0	\$0											\$0	\$0	\$0	
44.23.02	II-A-3	Transportation Modeling	\$0	\$0	\$0											\$0	\$0	\$0	
	II-B	Planning Process																	
44.23.02	II-B-1	Targeted Planning/CMP	\$0	\$0	\$0											\$0	\$0	\$0	
44.23.01	II-B-2	Regional Planning	\$0	\$0	\$0											\$0	\$0	\$0	
		Y410 - Safe & Accessible Transportation Options	\$0	\$0	\$0											\$0	\$0	\$0	
44.27.00	II-B-3	Special Studies Operations	\$0	\$0	\$0											\$0	\$0	\$0	
44.27.00	II-B-3	Downtown Hillsborough parking study	\$15,000	\$60,000	\$75,000											\$15,000	\$0	\$60,000	
	III-A	Planning Work Program																	
44.21.00	III-A-1	Planning Work Program	\$0	\$0	\$0											\$0	\$0	\$0	
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0											\$0	\$0	\$0	
	III-B	Transp. Improvement Plan																	
44.25.00	III-B-1	Prioritization	\$0	\$0	\$0											\$0	\$0	\$0	
44.25.00	III-B-2	Metropolitan TIP	\$0	\$0	\$0											\$0	\$0	\$0	
44.25.00	III-B-3	Merger/Project Development	\$0	\$0	\$0											\$0	\$0	\$0	
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.																	
44.27.00	III-C-1	Title VI	\$0	\$0	\$0											\$0	\$0	\$0	
44.27.00	III-C-2	Environmental Justice	\$0	\$0	\$0											\$0	\$0	\$0	
44.27.00	III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0											\$0	\$0	\$0	
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$0	\$0	\$0											\$0	\$0	\$0	
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0											\$0	\$0	\$0	
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$0	\$0	\$0											\$0	\$0	\$0	
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0											\$0	\$0	\$0	
	III-D	Statewide & Extra-Regional Planning																	
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$0	\$0	\$0											\$0	\$0	\$0	
	III-D-2	Statewide & Extra-Regional Planning	\$0	\$0	\$0											\$0	\$0	\$0	
	III-E	Management & Operations																	
44.27.00	III-E-1	Board & TC Support and Liaison	\$0	\$0	\$0											\$0	\$0	\$0	
44.27.00	III-E-2	Member Services	\$0	\$0	\$0											\$0	\$0	\$0	
44.27.00	III-E-3	Workgroup Support	\$0	\$0	\$0											\$0	\$0	\$0	
Totals			\$15,000	\$60,000	\$75,000											\$15,000	\$0	\$60,000	
			Local	Federal	Total	Local	Federal	Total	Local	Federal	Total	Local	State	Federal	Total	Local	State	Federal	
			STBGDA			PL104			Y410			Section 5303 Transit Planning				Totals			
																Grand Total			

TOWN OF HILLSBOROUGH

II-B-3: SPECIAL STUDIES

Engage a consultant to undertake a parking study for the downtown area. The scope will include adequacy of current facilities, turnover during peak times, estimated demand under a variety of redevelopment scenarios, adequacy of current ordinance requirements, and access for deliveries and unloading. The data collection needs to be done during peak tourist seasons (i.e. October) to understand the high demand events place on downtown.

Objectives

1. Update inventory of public, private, and semi-public parking.
2. Inventory of delivery and loading locations
3. Document peak turnover and event impact
4. Robust public engagement to evaluate safety and convenience
5. Inform potential redevelopment opportunities and inquiries

Previous Work

None. The town is pursuing its first consultant-prepared parking study.

Requested Activities

- Re-evaluate existing conditions with current land uses, and post-COVID business practices, including supply, peak turnover, pedestrian safety and access, and delivery and unloading.
- Evaluate current development requirements and recommend any needed adjustments.
- Evaluate impact of different redevelopment scenarios on adequacy, convenience, and safety.
- Evaluate impact of current enforcement activities.
- Identify recommended actions for redevelopment scenarios.

Products

- Inventory of public, private, and semi-public parking in a geodatabase.
- Documentation of outreach activities and results.
- Report document including recommendations and implementation schedule.

Relationship to other plans and MPO activities

A downtown parking study for Hillsborough supports the 2050 MTP goals of Manage Congestion & System Reliability and Stimulate Inclusive Economic Vitality for the DCHC MPO. An objective for managing congestion is to allow people and goods to move with reliability. Within the town's confined downtown area, congestion occurs rapidly with simple left turn ques or blocked driveways. Understanding and identifying improvements to the parking network along with the loading opportunities will allow improvement managements of a very constrained resource in a congested urban setting. Coordinating land use with transportation and cost-effective transportation reliability are components of inclusive economic vitality. This study will help identify measures the town can take from a variety of viewpoints to maintain and improve the vitality and access to our downtown.

TOWN OF HILLSBOROUGH

II-B-3: SPECIAL STUDIES

Proposed budget and level of effort

This work will be predominately completed by a consultant following an RFP selection process with oversight by staff. Local staff time will be approximately 400 hours with the time evenly divided between the Public Space Manager Planning and Economic Development Manager. Local staff time will not be charged against the project budget. This project will be completed in FY24.

<u>\$75,000</u>	<u>Total project cost</u>
\$60,000	STBG-DA funds
\$15,000	Local match – Town of Hillsborough general fund and/or special tax revenues
	Local staff support – not included in project budget

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$15,000	\$0	\$60,000	\$75,000
Total	\$15,000	\$0	\$60,000	\$75,000

FTA Code	Task Code	Task Description	STBG-DA			Section 5303				Section 5307			Task Funding Summary			
			133(b)(3)(7)			Highway/Transit				Transit			Local	NCDOT	Federal	Total
			Local	FHWA	Total	Local	NCDOT	FTA	Total	Local	FTA	Total				
			20%	80%	100%	10%	10%	80%	100%	20%	80%	100%				
	II-A	Data and Planning Support														
44.24.00	II-A-1	Networks and Support Systems	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.23.01	II-A-2	Travelers and Behavior	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.23.02	II-A-3	Transportation Modeling	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
	II-B	Planning Process														
44.23.02	II-B-1	Targeted Planning/CMP	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.23.01	II-B-2	Regional Planning	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Y410 - Safe & Accessible Transportation Options	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.27.00	II-B-3	Special Studies Operations	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.27.00	II-B-3	Orange County Short Range Transit Plan	\$44,203	\$176,811	\$221,014					\$0	\$0	\$0	\$44,203	\$0	\$176,811	\$221,014
	III-A	Planning Work Program			\$0											
44.21.00	III-A-1	Planning Work Program	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
	III-B	Transp. Improvement Plan														
44.25.00	III-B-1	Prioritization	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.25.00	III-B-2	Metropolitan TIP	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.25.00	III-B-3	Merger/Project Development	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.														
44.27.00	III-C-1	Title VI	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.27.00	III-C-2	Environmental Justice	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.27.00	III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
	III-D	Statewide & Extra-Regional Planning														
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
	III-D-2	Statewide & Extra-Regional Planning	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
	III-E	Management & Operations														
44.27.00	III-E-1	Board & TC Support and Liaison	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.27.00	III-E-2	Member Services	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
44.27.00	III-E-3	Workgroup Support	\$0	\$0	\$0					\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals			\$44,203	\$176,811	\$221,014					\$0	\$0	\$0	\$44,203	\$0	\$176,811	\$221,014
			Local	Federal	Total	Local	State	Federal	Total	Local	Federal	Total	Local	State	Federal	Grand Total
			STBGDA			Section 5303 Transit Planning				Section 5307 Transit			Totals			

ORANGE COUNTY

II-B-3: SPECIAL STUDIES

Objectives

To update Orange County's Short Range Transit Plan (SRTP).

Previous Work

SRTP Drafted in October 2018, significant transit advancements accomplished since then and new initiatives in place, including and not limited to those identified in the Orange County Transit Plan Update 2022.

Requested Activities

Hire and work with consultant on Orange County's SRTP to enhance Orange County Transit services, operations, capital and other resources to better service County and municipal residents, businesses as well as regional partners.

Products

Orange County's Short Range Transit Plan.

Relationship to other plans and MPO activities

SRTP projects are included in Durham-Chapel Hill-Carrboro Comprehensive Transportation Plan (CTP), Metropolitan Planning Organization (MTP), and serve as possible candidates for State Prioritization of Transportation (SPOT)/State Transportation Improvement Program (STIP).

Proposed budget and level of effort

Orange County intends to flex its available FY24 STBG-DA funds to Section 5307 funds after the FY24 UPWP is adopted in order to contribute to the completion of this special study.

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$44,202	\$0	\$176,811	\$221,014
Total	\$44,202	\$0	\$176,811	\$221,014

FTA Code	Task Code	Task Description	STBG-DA			MPO Planning and Admin - PL104			Safe & Acc Transp Options PL104 set aside (Program code Y410)			Task Funding Summary					
			133(b)(3)(7)									Local	NCDOT	Federal	Total		
			Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total						
			20%	80%	100%	20%	80%	100%	20%	80%	100%						
	II-A	Data and Planning Support															
44.24.00	II-A-1	Networks and Support Systems	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.23.01	II-A-2	Travelers and Behavior	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.23.02	II-A-3	Transportation Modeling	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
	II-B	Planning Process															
44.23.02	II-B-1	Targeted Planning/CMP	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.23.01	II-B-2	Regional Planning	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
		Y410 - Safe & Accessible Transportation Options	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.27.00	II-B-3	Special Studies Operations	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.27.00	II-B-3													\$0			
	III-A	Planning Work Program															
44.21.00	III-A-1	Planning Work Program	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
	III-B	Transp. Improvement Plan															
44.25.00	III-B-1	Prioritization	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.25.00	III-B-2	Metropolitan TIP	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.25.00	III-B-3	Merger/Project Development	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.															
44.27.00	III-C-1	Title VI	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.27.00	III-C-2	Environmental Justice	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.27.00	III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
	III-D	Statewide & Extra-Regional Planning															
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
	III-D-2	Statewide & Extra-Regional Planning	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
	III-E	Management & Operations															
44.27.00	III-E-1	Board & TC Support and Liaison	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.27.00	III-E-2	Member Services	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
44.27.00	III-E-3	Workgroup Support	\$0	\$0	\$0								\$0	\$0	\$0	\$0	
Totals			\$0	\$0	\$0								\$0	\$0	\$0	\$0	
			Local	Federal	Total	Local	Federal	Total	Local	Federal	Total			Local	State	Federal	Grand Total
			STBGDA			PL104			Y410					Totals			

GOTRIANGLE BUDGET TABLE

FTA	Task	Task	STBG-DA					Section 5303				Section 5307				Task Funding Summary			
			133(b)(3)(7)					Highway/Transit				Transit				Local	NCDOT	Federal	Total
			Local	FHWA	Total			Local	NCDOT	FTA	Total	Local	FTA	Total					
Code	Code	Description	20%	80%	100%			10%	10%	80%	100%	20%	80%	100%					
	II-A	Data and Planning Support																	
44.24.00	II-A-1	Networks and Support Systems	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.23.01	II-A-2	Travelers and Behavior	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.23.02	II-A-3	Transportation Modeling	\$0	\$0	\$0							\$25,000	\$100,000	\$125,000		\$25,000	\$0	\$100,000	
	II-B	Planning Process										\$0	\$0						
44.23.02	II-B-1	Targeted Planning/CMP	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.23.01	II-B-2	Regional Planning	\$0	\$0	\$0							\$5,200	\$20,800	\$26,000		\$5,200	\$0	\$20,800	
		Y410 - Safe & Accessible Transportation Options	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.27.00	II-B-3	Special Studies Operations	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.27.00	II-B-3																\$0		
	III-A	Planning Work Program			\$0							\$0	\$0						
44.21.00	III-A-1	Planning Work Program	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
	III-B	Transp. Improvement Plan										\$0	\$0						
44.25.00	III-B-1	Prioritization	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.25.00	III-B-2	Metropolitan TIP	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.25.00	III-B-3	Merger/Project Development	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.										\$0	\$0						
44.27.00	III-C-1	Title VI	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.27.00	III-C-2	Environmental Justice	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.27.00	III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
	III-D	Statewide & Extra-Regional Planning										\$0	\$0						
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
	III-D-2	Statewide & Extra-Regional Planning	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
	III-E	Management & Operations										\$0	\$0						
44.27.00	III-E-1	Board & TC Support and Liaison	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.27.00	III-E-2	Member Services	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
44.27.00	III-E-3	Workgroup Support	\$0	\$0	\$0							\$0	\$0	\$0		\$0	\$0	\$0	
Totals			\$0	\$0	\$0							\$30,200	\$120,800	\$151,000		\$30,200	\$0	\$120,800	
			Local	Federal	Total			Local	State	Federal	Total	Local	Federal	Total		Local	State	Federal	
			STBGDA					Section 5303 Transit Planning				Section 5307 Transit				Totals			Grand Total

GOTRIANGLE

II-A-3: TRANSPORTATION MODELING

A “Modeling Agreement” has been signed between the MPO, GoTriangle, Capital Area MPO (CAMPO), and NCDOT. The agreement details accepted standards and practices, used in the specific travel model, to calibrate and substantiate acceptable tolerances.

A technical summary report of the travel modeling process and results will be provided by the modeling custodian as named in the modeling agreement.

Objectives

Support for Triangle Regional Model (TRM) Service Bureau.

Previous Work

Ongoing support of TRM service bureau.

Proposed Activities

Ongoing support of TRM service bureau.

Products

Updated Triangle Regional Model.

Relationship to other plans and MPO activities

Supports the regional travel model utilized for the MTP and other transit and highway planning purposes.

Proposed budget and level of effort

Attendance at all TRM Model team meetings, both technical and executive; input into model related tasks as outlined in the Model Bureau work plan.

Funding Source	Local	Federal	Total
5307	\$25,00	\$100,000	\$125,000
Total	\$25,00	\$100,000	\$125,000

GOTRIANGLE

II-B-2: REGIONAL PLANNING

GoTriangle contracts with Triangle J Council of Governments to provide continued planning and GIS services in developing the transportation networks and associated land use required for Travel Model and Regional Plan Updates.

Objectives

To provide travel market analysis and cost information for development of transit investments for the MTP; and to acquire GIS support services from TJCOG

Previous Work

Continued and ongoing regional corridor analysis for MTP and other projects

Proposed Activities

Continued and ongoing regional corridor analysis for MTP and other projects.

Products

Technical planning report provided to regional leaders and the MPO; other GIS service needs as required

Relationship to other plans and MPO activities

This supports regional transit planning for capital investments.

Proposed budget and level of effort

Attendance at all MPO, both technical and executive; coordination among MPO, municipal and transit agency staffs; analysis and projections of land use, population, and employment.

Funding Source	Local	Federal	Total
5307	\$5,200	\$20,800	\$26,000
Total	\$5,200	\$20,800	\$26,000

FTA Task Task Code Code Description			STBG-DA			MPO Planning and Admin - PL104			Safe & Acc Transp Options PL104 set aside (Program code Y410)			Task Funding Summary				
			133(b)(3)(7)													
			Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total	Local	NCDOT	Federal	Total	
			20%	80%	100%	20%	80%	100%	20%	80%	100%					
	II-A	Data and Planning Support														
44.24.00	II-A-1	Networks and Support Systems	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.23.01	II-A-2	Travelers and Behavior	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.23.02	II-A-3	Transportation Modeling	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
	II-B	Planning Process														
44.23.02	II-B-1	Targeted Planning/CMP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.23.01	II-B-2	Regional Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
		Y410 - Safe & Accessible Transportation Options	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.27.00	II-B-3	Special Studies Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.27.00	II-B-3					\$0	\$0	\$0	\$0	\$0	\$0					
	III-A	Planning Work Program			\$0											
44.21.00	III-A-1	Planning Work Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.24.00	III-A-2	Metrics and Performance Measures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
	III-B	Transp. Improvement Plan														
44.25.00	III-B-1	Prioritization	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.25.00	III-B-2	Metropolitan TIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.25.00	III-B-3	Merger/Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.														
44.27.00	III-C-1	Title VI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.27.00	III-C-2	Environmental Justice	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.27.00	III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.27.00	III-C-4	Planning for the Elderly & Disabled	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.27.00	III-C-6	Public Involvement/ Equitable Comm. Engag.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0		\$0	\$0	\$0	\$0
	III-D	Statewide & Extra-Regional Planning														
44.27.00	III-D-1	Statewide & Federal Policy Development & Implementation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
	III-D-2	Statewide & Extra-Regional Planning	\$21,125	\$84,500	\$105,625	\$0	\$0	\$0	\$0	\$0	\$0		\$21,125	\$0	\$84,500	\$105,625
	III-E	Management & Operations														
44.27.00	III-E-1	Board & TC Support and Liaison	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.27.00	III-E-2	Member Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
44.27.00	III-E-3	Workgroup Support	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
Totals			\$21,125	\$84,500	\$105,625	\$0	\$0	\$0	\$0	\$0	\$0		\$21,125	\$0	\$84,500	\$105,625
			Local	Federal	Total	Local	Federal	Total	Local	Federal	Total		Local	State	Federal	Grand Total
			STBGDA			PL104			Y410				Totals			

TRIANGLE J COUNCIL OF GOVERNMENTS

III-D-2: STATEWIDE & EXTRA-REGIONAL PLANNING

Facilitate and/or manage joint activities and undertake analysis work in land use, transportation, and air quality planning that involve multiple MPO, RPO, local government, transit agency, state and federal agency and anchor institution partners.

Objectives

To ensure that activities that have a scope or scale that transcend any single MPO are done in coordinated, timely, effective and cost-efficient ways.

Previous Work

Facilitation and preparation of Joint Metropolitan Transportation Plans (MTPs); MTP and TIP air quality conformity coordination and determination report preparation; Triangle Regional Model (TRM) executive committee support; facilitation of joint MPO technical team meetings, joint MPO Executive Committee meetings, and Joint MPO Policy Board meetings; participation in GoTriangle and county transit plans, MPO area plans and project prioritization; facilitation of Joint MPO Policy Priorities documents; development and coordination of CommunityViz growth allocation model; participation in MPO committees.

Requested Activities

Major activities include the following:

1. General regional planning tasks related primarily to amendments of the 2050 MTP and preparation for the 2055 MTP, including air quality conformity activities and coordination of joint MPO policy board, technical staff, and TRM executive committee work;
2. Participation on DCHC-specific projects and committees as needed;
3. Data and GIS tasks related to work on the MTP, including growth forecasts, development tasks on the CommunityViz land use model, and other tasks to develop socioeconomic data for the Triangle Regional Model;
4. Support for Intelligent Transportation Systems (ITS) activities, including coordination of the Regional ITS Working Group and activities to update the Regional ITS Plan; and
5. Focused work on metrics and performance measure tracking, synthesis and reporting.

Tasks will include completion of a major 2050 MTP amendment with the development of the 2024-2033 STIP document; any interim or additional MTP amendments and air quality conformity work; support of the TRM executive committee; facilitation of joint MPO technical, executive committee and policy board meetings and deliverables, including any revisions to the Joint MPO Policy Priorities; hosting, maintenance, and distribution of CommunityViz, Employment Analyst and Network Analyst data and technical documentation. TJCOG will continue to participate in local and regional projects and work related to transportation investments (e.g. RTA, NCDOT()) and in selected projects of statewide or national impact.

Products

- CommunityViz model and data updates
- Work to make improvements to the development process for the 2055 MTP based on feedback and the debrief held in 2022 on the 2050 MTP process

TRIANGLE J COUNCIL OF GOVERNMENTS

III-D-2: STATEWIDE & EXTRA-REGIONAL PLANNING

- Work to make improvements to the development process for the 2055 MTP based on feedback and the debrief held in 2022 on the 2050 MTP process
- Work to expand the CommunityViz model to include all of Johnston and Chatham counties and incorporate CommunityViz model from the Piedmont Triad region for Alamance county
- 2050 MTP amendments and conformity determination reports
- Joint MPO technical, executive committee and policy board meeting support and Joint Policy Priorities revisions
- Triangle Regional Model Executive Committee tasks
- Regional ITS Work Group meeting agendas and summaries
- Coordination of process to procure technical assistance with the development of an updated Regional ITS Plan
- Presentations on TJCOG work tasks as needed to technical and policy boards
- Performance Metrics work plan and creation of a web-based metrics dashboard, in coordination with MTP goals and objectives discussions
- Note: the budget includes costs for maintenance of necessary software licenses to support this work (ArcGIS and CommunityViz) and the acquisition of data from external sources when needed (e.g. Woods & Poole economic forecast data, CoStar housing data, etc.)

Relationship to other plans and MPO activities

The work relates to several MPO core responsibilities, including MTP and TIP updates and amendments, air quality conformity determinations, development of data used in modeling and analysis, regional ITS deployment plan implementation, performance metrics responsibilities, and incorporation of results from small area, corridor and modal plans.

Proposed budget and level of effort

Funding Source	Local	NCDOT	Federal	Total
STBG-DA	\$21,125	\$0	\$84,500	\$106,625
Total	\$21,125	\$0	\$84,500	\$106,625

20% local match to be provided by TJCOG; other funding participation from CAMPO and GoTriangle as in previous years. Work primarily undertaken by existing TJCOG staff in the Transportation and Mobility Program Area.

Appendix A

Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) Resolution Approving the FY2024 Unified Planning Work Program of the DCHC MPO for FTA and FHWA

A motion was made by MPO Board Member _____ and seconded by MPO Board Member _____ for the adoption of the following resolution, and 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 Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO); and

Whereas, the City of Durham Department of Transportation has been designated as the recipient of Federal Transit Administration (FTA) Metropolitan Planning Program funds; and

Whereas, the City of Durham Department of Transportation has been designated as the recipient of Section 104(f) Planning and Technical Studies Planning grant funds; and

Whereas, members of the DCHC MPO Board agree that the Unified Planning Work Program will effectively advance transportation planning for FY2024.

Now therefore, be it resolved that the MPO Board hereby endorses the FY2024 Unified Planning Work Program for the DCHC MPO Urban Area.

I, Jenn Weaver, Chair of the MPO Board do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the DCHC MPO Board, duly held on the day of _____, 2023.

Jenn Weaver, MPO Board Chair

Durham County, North Carolina

I certify that Board Chair, Jenn Weaver personally appeared before me this day acknowledging to me that she signed the forgoing document.

Date: _____

David R. Miller Notary Public
My commission expires: February 13, 2027

Appendix B

Resolution Certifying the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Transportation Planning Process for FY2024

Whereas, the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) Board has found that the MPO is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607;

Whereas, the MPO Board has found the transportation planning process to be in compliance with Sections 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c));

Whereas, the MPO Board has found the transportation planning process to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794;

Whereas, the MPO Board has considered how the transportation planning process will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded planning projects (Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23);

Whereas, the MPO Board has considered how the transportation planning process will affect the elderly and the disabled per the provision of the Americans with Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulations (49 CFR parts 27, 37, and 38);

Whereas, the DCHC MPO Metropolitan Transportation Improvement Program is a subset of the currently conforming Metropolitan Transportation Plan (MTP);

Whereas, the MTP has a planning horizon year of 2050, and meets all the requirements for an adequate MTP,

Now therefore, be it resolved that the DCHC Urban Area MPO Board certifies the transportation planning process for the DCHC Metropolitan Planning Organization on this the _____ day of _____, 2023.

Jenn Weaver, DCHC MPO Board Chair

Durham County, North Carolina

I certify that Board Chair, Jenn Weaver personally appeared before me this day acknowledging to me that she signed the forgoing document.

Date: _____

David R. Miller Notary Public
My commission expires: February 13, 2027

Appendix C

Metropolitan Planning Self-Certification Process

CFR 450.334 - The State and MPO shall annually certify to FHWA and FTA that the planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable requirements of:

- Section 134 of title 23 U.S.C., section 8 of the Federal Transit Act (49 U.S.C. app. 1607) and;
- Section 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d));
- Title VI of the Civil Rights Act of 1964 and Title VI assurance executed by each state under 23
- U.S.C. 324 and 29 U.S.C. 794;
- Section 103(b) of the Intermodal Surface Transportation Efficiency Act of 1991 (Public Law 102- 240) regarding the involvement of disadvantaged business enterprises in the FHWA and the FTA funded planning projects; and
- The provisions of the Americans with Disabilities Act of 1990 (Public Law 101-336, 104 Stat. 327, as amended) and U.S. DOT regulations “Transportation for Individuals with Disabilities” (49 CFR parts 27, 37, and 38).

In addition, the following checklist should help guide the MPO as they review their processes and programs for self-certification.

1. Is the MPO properly designated by agreement between the Governor and 75% of the urbanized area, including the central city, and in accordance in procedures set forth in state and local law (if applicable)? [23 U.S.C. 134 (b); 49 U.S.C. 5303 (c); 23 CFR 450.306 (a)]. Response: Yes
2. Does the policy board include elected officials, major modes of transportation providers and appropriate state officials? [23 U.S.C. 134 (b); 49 U.S.C. 5303 (c); 23 CFR 450.306 (i)] Response: Yes, the policy board includes elected officials/representatives of Durham City, Durham County, Town of Carrboro, Town of Chapel Hill, Town of Hillsborough, Orange County, Chatham County, NCDOT BOT and GoTriangle (regional transit representative).
3. Does the MPO boundary encompass the existing urbanized area and the contiguous area expected to become urbanized within the 20-yr forecast period? [23 U.S.C. 134 (c), 49 U.S.C. 5303 (d); 23 CFR 450.308 (a)] Response: Yes
4. Is there a currently adopted Unified Planning Work Program? [23 CFR 450.314] Response: Yes.
 - a. Is there an adopted prospectus? Yes
 - b. Are tasks and products clearly outlined? Yes
 - c. Is the UPWP consistent with the MTP? Yes
 - d. Is the work identified in the UPWP completed in a timely fashion? Yes
5. Does the area have a valid transportation planning process? Response: Yes [23 U.S.C. 134; 23 CFR 450]
 - a. Is the transportation planning process continuous, cooperative and comprehensive? Yes
 - b. Is there a valid MTP? Yes
 - c. Did the MTP have at least a 20-year horizon at the time of adoption? Yes
 - d. Does it address the eight planning factors? Yes,
 - e. Does it cover all modes applicable to the area? Yes

- f. Is it financially constrained? Yes
 - g. Does it include funding for the maintenance and operation of the system? Yes
 - h. Does it conform to the State Implementation Plan (SIP) (if applicable)? Yes
 - i. Is it updated/reevaluated in a timely fashion (at least every 4 or 5 years)? Yes
6. Is there a valid TIP? [23 CFR 450.324, 326, 328, 330, 332] Response: Yes
- a. Is it consistent with the MTP? Yes
 - b. Is it fiscally constrained? Yes
 - c. Is it developed cooperatively with the state and local transit operators? Yes.
 - d. Is it updated at least every 4-yrs and adopted by the MPO and the Governor? Yes
7. Does the area have a valid CMP? (TMA only) [23 CFR 450.320] Response: Yes
- a. Is it consistent with the MTP? Yes
 - b. Was it used for the development of the TIP? Yes
 - c. Is it monitored and reevaluated to meet the needs of the area? Yes
8. Does the area have a process for including environmental mitigation discussion in the planning process? Yes
- a. How? Through periodic meeting with environmental resource agencies and involving the agencies in the MTP process.
 - b. Why not? N/A
9. Does the planning process meet the following requirements? Response: Yes.
- a. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart;
 - b. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended 42 U.S.C. 7504, 7506 (c) and (d) and 40 CFR part 93;
 - c. Title VI of the Civil Rights Act of 1964, as amended 42 U.S.C. 2000d-1 and 49 CFR part 21;
 - d. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
 - e. MAP-21/FAST Act and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
 - f. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
 - g. The provisions of the Americans with Disabilities Act of 1990 Sections 42 U.S.C. 12101 et seq. and 49 CFR parts 27, 37, and 38;
 - h. The Older Americans Act, as amended 42 U.S.C. 6101, prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
 - i. Section 324 title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
 - j. Section 504 of the Rehabilitation Act of 1973 29 U.S.C. 794 and 49 CFR part 27 regarding discrimination against individuals with disabilities.
 - k. All other applicable provisions of Federal law. (i.e. Executive Order 12898)

10. Does the area have an adopted PIP/Public Participation Plan? [23 CRR 450.316 (b)(1)]? Yes
 - a. Did the public participate in the development of the PIP? Yes
 - b. Was the PIP made available for public review for at least 45-days prior to adoption? Yes.
 - c. Is adequate notice provided for public meetings? Yes.
 - d. Are meetings held at convenient times and at accessible locations? Yes.
 - e. Is public given the opportunity to provide oral/written comment on planning process? Yes.
 - f. Is the PIP periodically reviewed and updated to ensure its effectiveness? Yes.
 - g. Is PIP employ visualization and interactive mapping? Yes.
 - h. Are plans and documents available in an electronic accessible format, i.e. MPO website? Yes
11. Does the area have a process for including environmental, state, other transportation, historical, local land use and economic development agencies in the planning process? Yes
 - a. How? Through inter-agency coordination, and collaboration
 - b. Why not? N/A

Appendix D

DCHC MPO Title VI Assurances

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) (hereinafter referred to as the “Recipient”) HEREBY AGREES THAT as a condition to receiving any Federal financial assistance from the North Carolina Department of Transportation and the US Department of Transportation it will comply with the Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d-42 (hereinafter referred to as the Act), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted Programs of the Department of Transportation. Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the Regulations) and other pertinent directives, to the end that in accordance with the Act, Regulations, and other pertinent directives, no person in the United States shall, on the grounds of race, color, sex, age, national origin or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Recipient receives Federal financial assistance from the Department of Transportation, including the Federal Highway Administration, and HEREBY GIVES ASSURANCE THAT it will promptly take any measures necessary to effectuate this agreement. This assurance is required by subsection 21.7(a) (1) of the Regulations.

More specifically and without limiting the above general assurance, the Recipient hereby gives the following specific assurances with respect to its Federal-Aid Highway Program:

1. That the Recipient agrees that each “program” and each “facility” as defined in subsections 21.23 (b) and 21.23 (e) of the Regulations, will be (with regard to a “program”) conducted, or will be (with regard to a “facility”) operated in compliance with all requirements imposed by, or pursuant to, the Regulations.
2. That the Recipient shall insert the following notification in all solicitations for bids for work or material subject to the Regulations made in connection with the Federal-Aid Highway Program and, in adapted form in all proposals for negotiated agreements:

The DCHC MPO in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

3. That the Recipient shall insert the clauses of Appendix A of this assurance in every contract subject to the Act and the Regulations.
4. That the Recipient shall insert the clauses of Appendix B of this assurance, as a covenant running with the land, in any deed from the United States effecting a transfer of real property, structures, or improvements thereon, or interest therein.
5. That where the Recipient receives Federal financial assistance to construct a facility, or part of a facility, the assurance shall extend to the entire facility and facilities operated in connection therewith.
6. That where the Recipient receives Federal financial assistance in the form, or for the acquisition of real property or an interest in real property, the assurance shall extend to rights to space on, over or under such property.
7. That the Recipient shall include the appropriate clauses set forth in Appendix C of this assurance, as a covenant running with land, in any future deeds, leases, permits, licenses, and similar agreements entered into by the Recipient with other parties: (a) for the subsequent transfer of real property acquired or

improved under the Federal-Aid Highway Program; and (b) for the construction or use of or access to space on, over or under real property acquired, or improved under the Federal-Aid Highway program.

8. That this assurance obligates the Recipient for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of, personal property, or real property or interest therein or structures or improvements thereon, in which case the assurance obligates the Recipient or any transferee for the longer of the following periods: (a) the period during which the property is used for a purpose for which the Federal financial assistance is extended, or for another purpose involving the provision of similar services or benefits; or (b) the period during which the Recipient retains ownership or possession of the property.
9. The Recipient shall provide for such methods of administration for the program as are found by the Secretary of Transportation or the official to whom he delegates specific authority to give reasonable guarantee that it, other recipients, sub-grantees, contractors, subcontractors, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the Act, the Regulations and this assurance.
10. The Recipient agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the Act, the Regulations, and this assurance.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining any and all Federal grants, loans, contracts, property, discounts or other Federal financial assistance extended after the date hereof to the Recipient under the Federal-Aid Highway Program and is binding on it, other recipients, subgrantees, contractors, subcontractors, transferees, successors in interest and other participants in the Federal-Aid Highway Program. The person or persons whose signatures appear below are authorized to sign this assurance on behalf of the Recipient.

Jenn Weaver
MPO Board Chair

Date

Doug Plachcinski
DCHC MPO Manager

Date

Appendix E

Anticipated DBE Contracting Opportunities for 2023-2024

Name of MPO/Subrecipient: DCHC MPO Lead Planning Agency/Triangle J Council of Governments

Check here if no anticipated DBE opportunities

Person Completing Form:

Telephone Number:

Email:

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
No contract-ing Oppor-tunities					

Sample Entry:

II-C-11	Transit Plan Evaluation	Big City Planning Department	Consultant	\$48,000	\$60,000
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Note: This form must be submitted to NCDOT-PTD even if you anticipate no DBE Contracting Opportunities. Note “No contracting opportunities” on the table if you do not anticipate having any contracting opportunities.

Appendix F

Commonly Used Acronyms

3-C	Comprehensive, Cooperative, and Continuing
ACS	American Community Survey
ADA	Americans with Disabilities Act (1990)
ADT	Average Daily Traffic
AGOL	ArcGIS Online
APC	Automatic Passenger Counter
AQ	Air Quality
AVL	Automatic Vehicle Location
Bike/Ped	Bicycle and Pedestrian
BOT	Board of Transportation
BRT	Bus Rapid Transit
CAMPO	Capital Area Metropolitan Planning Organization
CBD	Central Business District
CFR	Code of Federal Regulations
CHT	Chapel Hill Transit
CMAQ	Congestion Mitigation and Air Quality Improvement Program
CMP	Congestion Management Process
CMS	Congestion Management System
CO	Certificate of Occupancy
CTP	Comprehensive Transportation Plan
CTPP	Census Transportation Planning Package
DBE	Disadvantaged Business Enterprise
D C H C MPO	Durham- Chapel Hill-Carrboro Metropolitan Planning Organization
DEIS	Draft Environmental Impact Statement
DOLRT	Durham-Orange Light Rail Transit
DTAG	Durham Trails and Greenway
EJ	Environmental Justice
EPA	Environmental Protection Agency
ESRI	Environmental Systems Research Institute
E-TIP	Electronic-Transportation Improvement Program
FAST Act	Fixing America's Surface Transportation Act
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FTE	Full-Time Equivalent
FY	Fiscal Year
GIS	Geographic Information Systems
HOT	High-Occupancy Toll (Lane)

HOV	High-Occupancy Vehicle (Lane)
HPMS	Highway Performance Monitoring System
IDAS	ITS Deployment Analysis System
INFOUSA	Info USA
ITRE	Institute for Transportation Research and Education
ITS	Intelligent Transportation System
KML	Keyhole Markup Language
LEP	Limited English Proficiency
LOS	Level of Service
LPA	Lead Planning Agency
MAP-21	Moving Ahead for Progress in the 21st Century Act
MBE	Minority Business Enterprise
MLI	Minority and Low Income
MOVES	Motor Vehicle Emission Simulator
MPA	Metropolitan Planning Area
MPO	Metropolitan Planning Organization
MRC	Mobility Report Card
MTP	Metropolitan Transportation Plan
MTIP	Metropolitan Transportation Improvement Program
NAAQS	National Ambient Air Quality Standards
NCDEQ	North Carolina Department of Environmental Quality
NCDOT	North Carolina Department of Transportation
NEPA	National Environmental Policy Act (1969)
NHS	National Highway System
NPRM	Notice of Proposed Rule Making
N-S BRT	North-South Bus Rapid Transit
NTD	National Transportation Database
OC	Orange County
OPT	Orange Public Transportation
PIP	Public Involvement Policy
PL	Metropolitan Planning (Funds)
PMT	Person Miles of Travel
PTD	Public Transportation Division
PUMS	Public Use Microdata Sample
QC	Quality Control
RDU	Raleigh-Durham International Airport
REA	Regional Emissions Analysis
RFP	Request for Proposal
SE	Socio-Economic
SHSP	Strategic Highway Safety Plan
SIP	State Implementation Plan
SPOT	Strategic Planning Office of Transportation
SRTP	Secure Real-time Transportation Protocol
TBS	Travel Behavior Survey

TDM	Transportation Demand Management
TIA	Traffic Impact Analysis
TIM	Traffic Incident Management
TIMS	Transportation Injury Mapping System
TIP	Transportation Improvement Program
TJCOG	Triangle J Council of Government
TMA	Transportation Management Area
TRM	Triangle Regional Model
TSM	Transportation Systems Management
UPWP	Unified Planning Work Program
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound