



DURHAM • CHAPEL HILL • CARRBORO

DCHC

METROPOLITAN PLANNING ORGANIZATION

PLANNING TOMORROW'S TRANSPORTATION

2021-2022 ANNUAL REPORT

Doug Plachcinski, AICP, CFM
Executive Director

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- ✓ Durham native, SDHS class of 1994
- ✓ Undergrad UNC-G, Grad Wayne State (Detroit)
- ✓ PhD candidate at UNCG, Geography and Sustainability
- ✓ American Institute of Certified Planners member
- ✓ Certified Floodplain Manager
- ✓ 23+ years of planning experience with local, county, and regional governments
- ✓ 10+ years of MPO experience in Michigan, Massachusetts, and North Carolina
- ✓ 13+ years of City, Town, and County planning and zoning experience in Michigan, Massachusetts, Virginia, and North Carolina
- ✓ Began career in the Durham City Transportation Department during summer 1995 collecting data for the regional travel demand model and turning movements for intersection analysis.



DCHC MPO OVERVIEW AND STRUCTURE

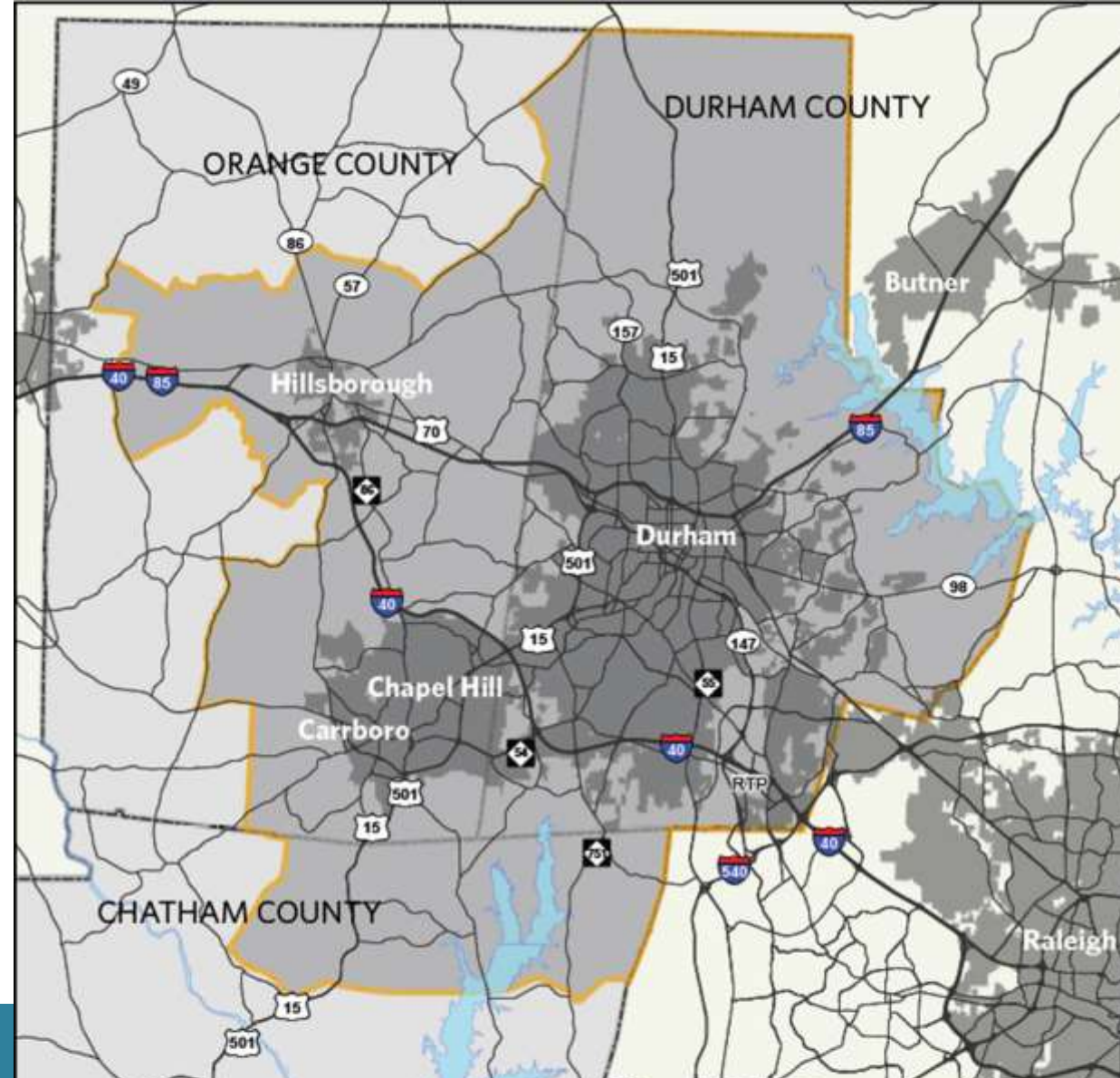
DCHC MPO is responsible for the western piedmont Triangle area. MPOs follow a 3-C transportation planning process including a long-range transportation plan (MTP), a shorter-term Transportation Improvement Program (TIP), and an annual Unified Planning Work Program (UPWP).

The DCHC MPO urbanized area includes:

- Durham County (entire county and City)
- Part of Orange County including the towns of Chapel Hill, Carrboro, and Hillsborough
- Northeast Chatham County

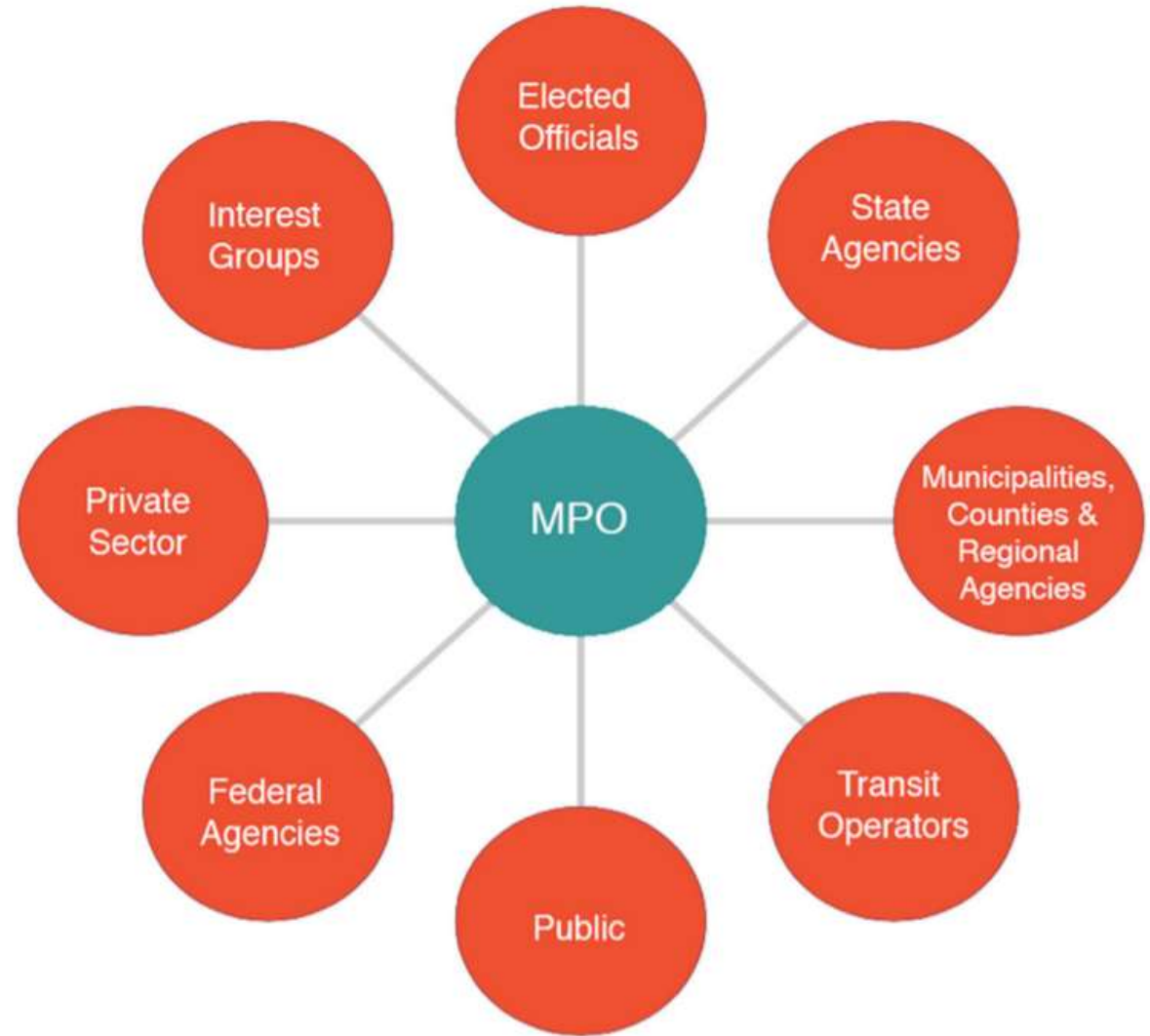
The **MPO Board** members are elected officials that make transportation planning and policy decisions.

The **Technical Committee** advise the MPO Board, and membership consists of staff from cities and counties, as well as from partner agencies such as NCDOT, transit agencies, universities, and Triangle J Council of Governments.



DCHC MPO's Agency Relationships

- **NCDOT provides funding and votes.**
- **GoTriangle provides funding and votes.**
- **FHWA/FTA provide funding but do not vote.**
- **Members provide funding and vote.**
- **Local governments represent their respective local public transportation operators.**



2021-2022 HIGHLIGHTS



TRANSPORTATION PLANNING

- **Comprehensive Transportation Plan (CTP)**

- Joint plan w/ NCDOT that guides transportation project development and future R-o-W reservations. High level, no funding requirement.
- CTP Amendment # 5 that updates the bicycle and pedestrian elements for local plan concurrency and to include complete streets elements for non-motorized and highway projects for NCDOT project prioritization.

- **Metropolitan Transportation Plan (MTP)**

- The DCHC MPO adopted the 2050 MTP on February 9, 2022.
- Federal long-range plan that balances revenues and costs.
- Projects in the funding plan, i.e., Transportation Improvement Program, must be identified in the MTP.

TRANSPORTATION PLANNING continued

- **Transportation Improvement Program (TIP)**

- The Transportation Improvement Program (TIP) is a ten (10) year funding document for bicycle, pedestrian, highway, rail, and public transportation projects.
- The MPO updated the TIP several times through the amendment process and provided input to NCDOT on the draft FY2024-2033 STIP.

CORRIDOR STUDIES

- **US 70 Corridor Study (Orange County)**
 - Provide a framework for a safe, efficient and equitable transportation system that offers modal choices connecting different destinations and accessing development appropriately.
- **US 70 Corridor Study (Durham County)**
 - US 70 from the East End Connector to the Wake/Durham line. Project goals include reduced congestion and safe, efficient transit and bike/ped facilities.

2021-2022 HIGHLIGHTS

TECHNICAL SERVICES

- **Triangle Regional Model (TRM)**
- **Congestion Management Process (CMP) and Mobility Report Card (MRC)**
- **Rapid Policy Assessment Tool (RPAT)**
- **Big Data**

CURRENT YEAR 2022-2023 HIGHLIGHTS

TRANSIT PLANNING

- **Orange and Durham County Transit Plan Updates**
- **Enhanced Mobility of Seniors and Individuals with Disabilities Grant**
 - Improve seniors' and people with disabilities mobility by removing transportation service barriers and expanding transportation options.
 - Awards to Orange County Department on Aging, GoDurham, and Chapel Hill Transit.

CURRENT YEAR 2022-2023 HIGHLIGHTS



DCHC MPO REPOSITIONING

- **2022 Governance Study**

Recommended many changes including increased MPO autonomy.

- **TJCOG Partnership**

The MPO coordinates several activities with TJCOG like our travel demand management program and regional land use modeling.

An opportunity to improve regional transportation planning technology and coordination in a member-driven service agency.

NEXT YEAR 2023-2024

PRIORITIES

- **Safe Streets for All**
- **Non-Motorized Planning and Technical Tools**
- **Bus Corridor Evaluation**



MPO ORIENTATION FEBRUARY 15, 2023

QUESTIONS?

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