

DURHAM • CHAPEL HILL • CARRBORO

**DCHC**

METROPOLITAN PLANNING ORGANIZATION

PLANNING TOMORROW'S TRANSPORTATION

# CMP Update and Goals & Objectives

Nov. 10<sup>th</sup>, 2022

# Consultant Contract

- Congestion Management Process (CMP) & Mobility Report Card (MRC)
  - One contract for three key tasks below:

1. CMP + Report in ArcGIS StoryMap

2. MRC in PDF file format

3. MRC online Dashboard (IT/Web Work)

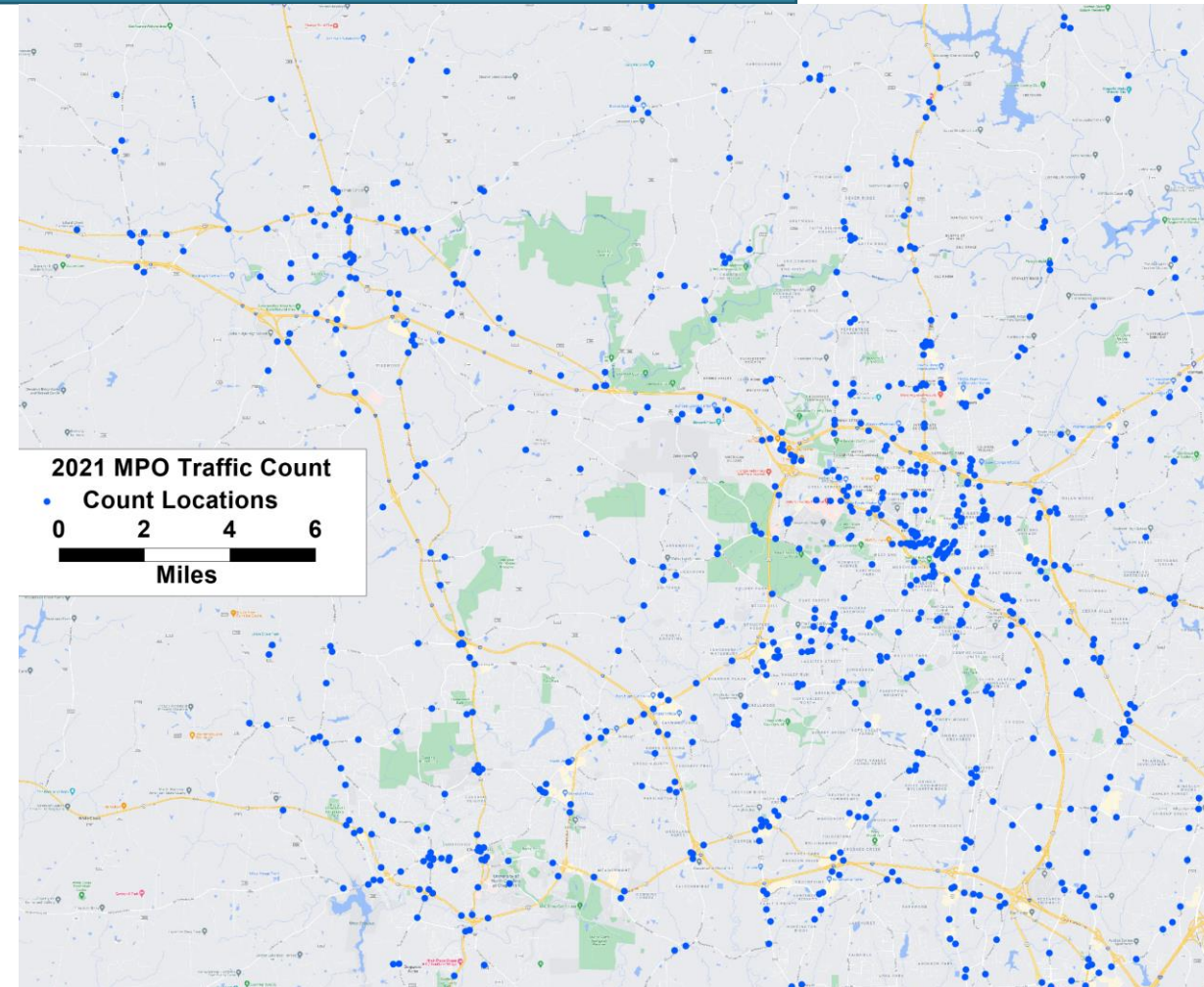
# Data Collection and Process

## Completed Data Items

- ❖ NCDOT Average Daily Traffic (AADT):  
820 Locations from NCDOT
- ❖ Average Weekday Traffic (AWDT):  
779 Locations completed by MPO
- ❖ Bike & Pedestrian Counts: 175 Locations
- ❖ 2017-2021 Crash Data
- ❖ Turning Movement Counts: 190 Locations
- ❖ Intersection Signal Plan and files
- ❖ Transit Net & Ridership Data by Routes
- ❖ Transit National Transit Database by Agency
- ❖ Travel Time Reliability Data

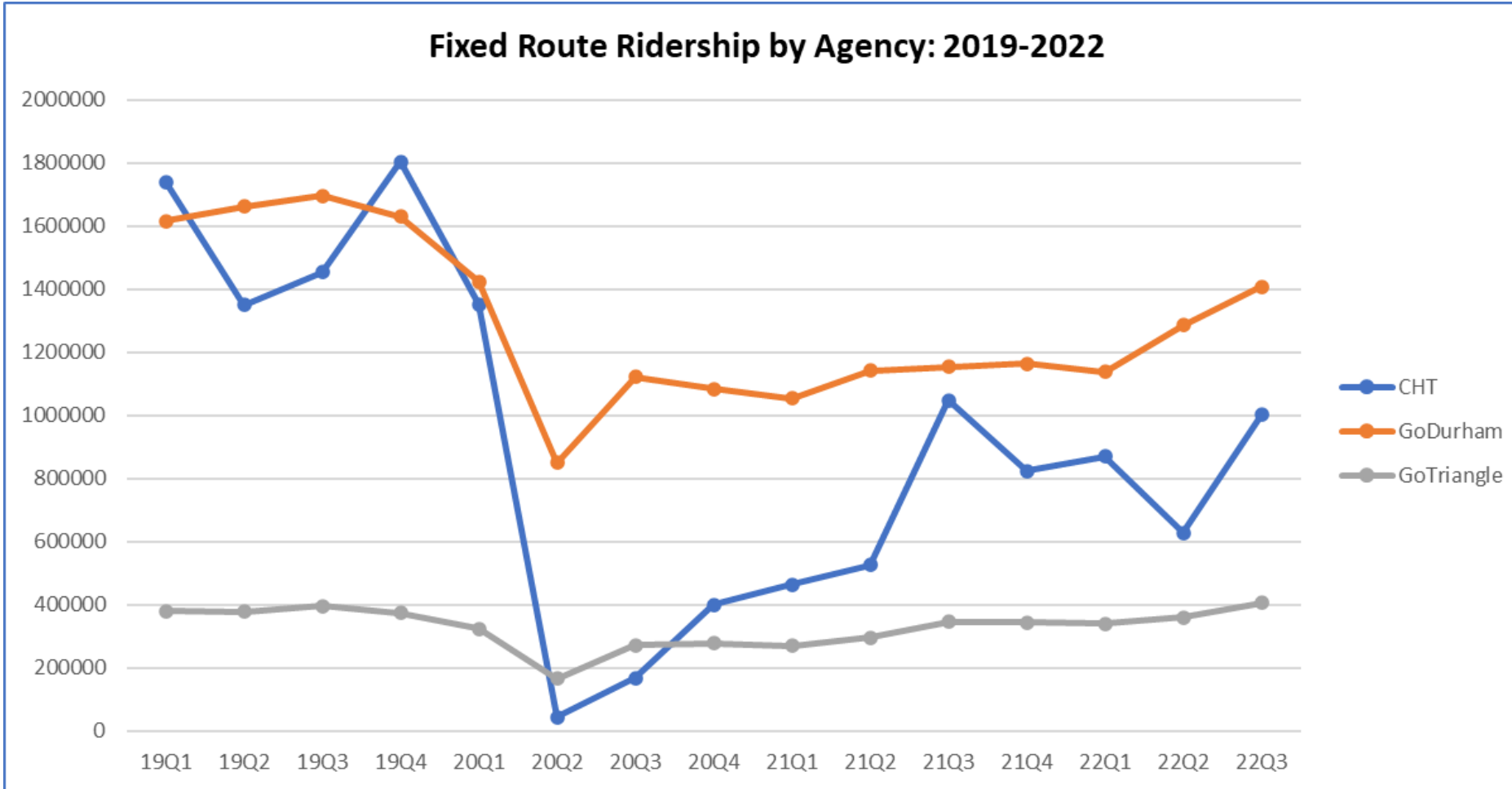
## Data in Progress

- ❖ Intersection Level of Service Analysis
- ❖ Transit Ridership Data by Stops





# Data Collection – Quarterly Transit Ridership



# Congestion Management Process Steps

1. **Develop Objectives**
2. Define Study Areas
3. Performance Measures
4. Collect, Monitor & Analyze Data
5. Evaluation of Problems
6. Selection of Strategies
7. Program Implementation
8. Evaluate Strategies



# Goals and Objectives

DCHC MPO's CMP goals and objectives includes a review of the following:

- [FHWA Congestion Management Process: A Guidebook.](#)
- Goals and Objectives of the Metro Transportation Plan (MTP) 2050 (Appendix A\*).
- National performance-based planning factors established through the Moving Ahead for Progress in the 21st Century Act (MAP-21) (Appendix B\*).
- Objectives of NC Moves 2050 (Appendix C\*).
- 2011 CMP Objectives (Appendix D\*).

\* CMP Goals and Objectives of DCHC MPO, Nov. 14, 2022

# Goals and Objectives

CMP Goals	CMP Objectives	MTP Goals (or Other)	MTP Objectives
<b>Reliability and Efficiency</b>	1) Maintain reasonable person-trip and freight <b>mobility</b> , and corridor/system <b>reliability</b> for all transportation modes	Manage Congestion & System Reliability	VII-a
	2) Increase <b>efficiency</b> of existing transportation corridor/system through strategies such as Transportaiton Demand Management (TDM), Intelligent Transportation Systems (ITS)		VII-b
	3) Improve <b>Incident Management</b> by reducing incident clearance times on the transit, arterial and Protecting the Human and throughway networks through improved traffic incident detection and response	(FHWA's CMP Guidebook)	n/a
<b>Saftety</b>	Achieve <b>zero deaths and serious injuries</b> on our transportation system	Promote Safety, Health and Well- Being	V-a
<b>VMT Reduction &amp; Transportation Choices</b>	1) <b>Reduce VMT by Direct Strategies</b> , such as Encouraging telecommuting policies, parking/price management, transit subsidies	Manage Congestion & System Reliability	VII-b
	2) Provide all residents with active transportation choices	Promote Safety, Health and Well- Being	V-b
	3) Enhance transit services, amenities and facilities	Ensure That All People Have Access to Multimodal and Affordable Transportation	IV-a
	4) Improve bicycle and pedestrian facilities		IV-b
	5) Increase utilization of affordable Non-Single Occupancy Vehicle (Non-SOV) modes		IV-c
<b>Connectivity</b>	1) Increase mobility options for all communities -- particularly communities of concern	Connect People and Places	III-a
	2) Achieve zero disparity of access to jobs, education, and other important destinations by race, income, or other marginalized groups		III-b
	3) Enhance connectivity of the transportation system, across and between modes for people and freight	(MAP-21 Planning factors)	n/a

Thank You