Congestion Management Process Sub-Committee Meeting For Study Area/CMP Corridor

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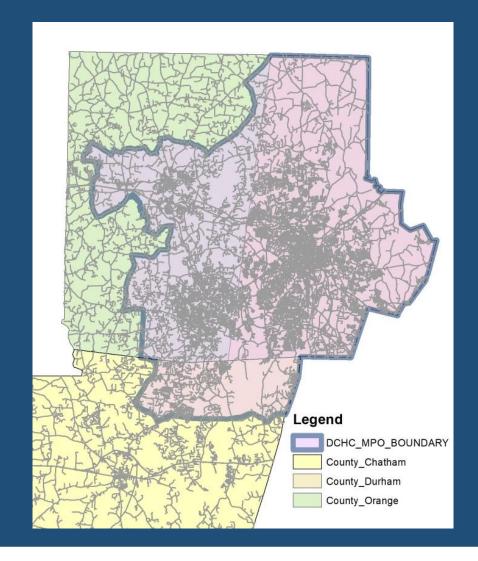
Durham-Chapel Hill-Carrboro MPO





CMP STUDY AREA

- DCHC MPO consists of Durham County, and portions of Orange and Chatham County.
- In previous CMPs, the study area was same as the designated MPO area
- What's Issue?
 - 2020 CENSUS was conducted
 - Expected MPO planning area modified
 - This CMP should be done by mid of 2023.
- It is necessary to discuss the study area of CMP

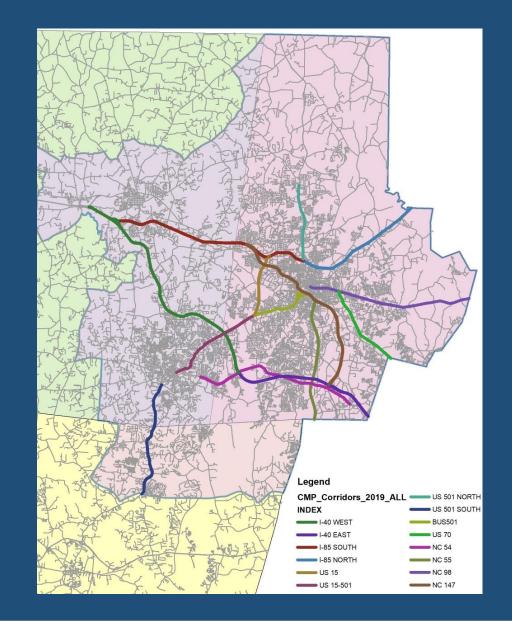






CMP CORRIDORS

- CMP Corridors in 2019 CMP Report
 - 14 Corridors Selected
- List of 2019 CMP Corridors
 - I-40 West/East
 - I-85 North/South
 - US 15
 - US 15-501
 - US 501 North/South
 - BUS 501
 - US 70
 - NC 54
 - NC 55
 - NC 98
 - NC 147

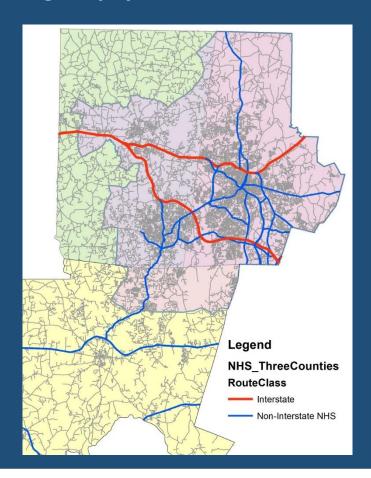




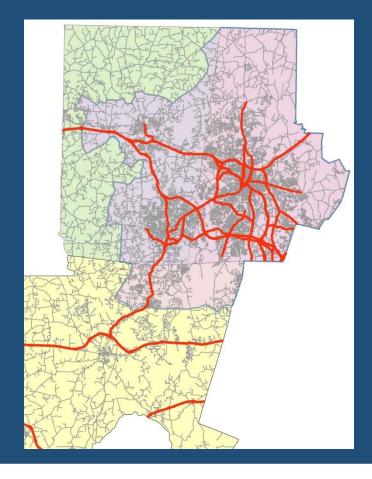


CMP CORRIDORS – DCHC MPO NETWORK REVIEW

National Highway System



Principal Arterials







CMP CORRIDORS – CMP CORRIDOR SELECTION

- Almost Principal Arterials are overlapped with the NHS
- 2019 CMP Corridors are overlapped with the P.A or NHS except for 1 corridor (US 501 South)
- Need to discuss how we refine the CMP corridors for 2023 CMP Report
- Option
 - Option 1: Keep same the list of corridors
 - Option 2: EXTEND KEY CORRIDORS if necessary
 - Option 3: Redefine all CMP corridors based on new criteria





CMP CORRIDORS – OPTION 2: EXTEND CORRIDORS

- Option 2: Extend some corridors to expected or necessary area over the current MPO boundary
- Pros
 - Possible to include all segments of a specific project such as US-70 (Orange County), including the segments in City of Mebane.
- Cons
 - Uncertainty of the MPO border line (will be changed in Fall)





CMP CORRIDORS – OPTION 3: REDEFINE CMP CORRIDORS

- Option 3: Redefine criteria of CMP Corridor Selection Process and reselect 2023 CMP Corridors
- Pros
 - Rebuild CMP Corridor selection process that satisfies needs of various agencies
 - Available to keep using new process for future CMP projects
- Cons
 - Need more time to develop new criteria and to identify new CMP corridors
- MPO Staff Recommendation
 - NOT Recommend



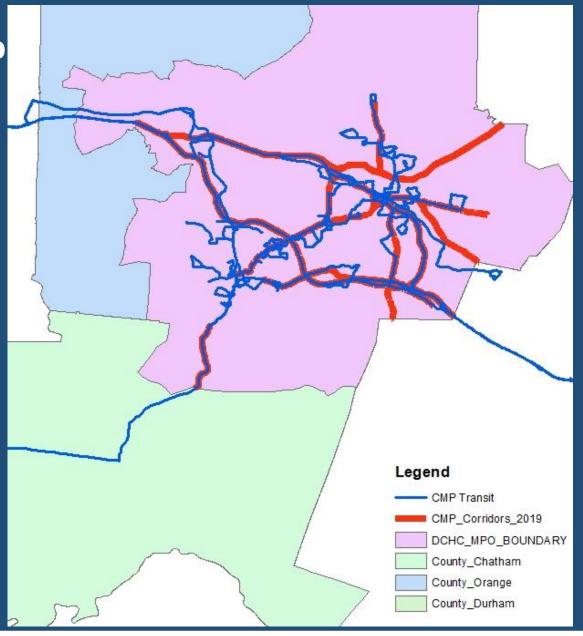


CMP TRANSIT NETWORK MAP

- Plan to incorporate a subset of transit routes that are relevant to the CMP Corridors
- Selecting Criteria
 - Selecting Transit Routes serving trips made in DCHC MPO area: 123 fixed bus routes selected

AND

2. Further selecting Transit Routes serving trips made ON or CLOSE to the CMP corridors







CMP TRANSIT ROUTES

- Some routes may have relatively low ridership
- Routes with High Ridership in RED
 - 1. Express Routes with 4-hr PK Commuters> 50 OR
 - 2. Routes with Daily Ridership > 500

CMP Transit Routes

	Chapel Hill Transit	GoDurham	PARTS	Chatham Transit CT
400	A	3, 3B	4	Express
405	CCX	3C		
700	CL	4		
800	D	11		
8008	F	12		
805	FCX	2A, 2B		
CRX	HS	2C		
DRX	NS	9A, 9B		
ODX	S	10A, 10B		
420	Т			
	V			

###:1) Express Routes with 4-hr PK Commuters> 50 or

2) Routes with Daily Ridership > 500





DATA REQUEST

- DCHC MPO needs INTERSECTION ANAYSIS RESULTS from local governments for CMP and Mobility Report Card
- Required Data
 - Intersection LOS Analysis Results (Excel Format)

	Α	В	С	D	Е	F	G	Н	1	J	K	L	М	N
1	County	Agency	MPO ID	Prefix	Route	Location	AM LOS 18	`AM LOS 19	AM LOS 20	AM LOS 21	PM LOS 18	'PM LOS 19	PM LOS 20	PM LOS 21
2														
3														
4														
5														

- Intersection Analysis Software Input/Output file (TransModeler or Synchro)
- Data Time Range: Available data from Y2018 to Y2021
- · May request intersection turning movement counts when needed

