



NC Capital Area **Metropolitan Planning Organization**

CAPITAL AREA MPO

**Technical Coordinating Committee
Meeting**

November 2, 2017

10:00 AM

1. Welcome and Introductions
2. Adjustments to the Agenda
3. Public Comments

This is an opportunity for comments by those in attendance.

Please limit comments to three minutes for each speaker.

4.1 Minutes

Minutes – October 5, 2017 minutes

Requested Action:

Approve the October 5, 2017 meeting Minutes

5.1 FY 2018 Unified Planning Work Program Amendment #1

Updates to FY 18 UPWP:

- Triangle Toll Study – FY 17 & 18 project to FY 18 & 19 project
- SWAS – Add SPR funds and additional FY 19 STPDA funds to increase overall budget
- II-A-12 – Add description of bike/ped counter program
- Add 2 staff positions anticipated to be funded via Wake Transit
- Member lists – updates
- Other administrative updates in II-B section to reflect TRM work program more accurately (work still underway)

Open for public comment 11/3/17 – 12/4/17

Requested Action:

Receive as information

5.2 Potential Federal Rescission Update

The Senate passed their budget resolution on October 20th

The House voted to adopt the Senate Budget on October 26th

The budget does not include a rescission of federal transportation funding

Moving Forward

- Goal of authorizing all funding by September 30, 2018
- Built-In Rescission in the FAST Act on 7/1/2020

Requested Action:
Receive as information

5.3 Wake Transit Plan Implementation Update

Wake Transit Implementation Planning Task Progress

Task	Status	Anticipated Completion
Public Engagement Policy	Policy Development to begin after November Engagement	Spring 2018
Staffing Model and Expectations Plan	Review of Final Direction on Staffing Needs and Agency Allocation Underway	December
Community Funding Area Program Management Plan	In Peer Review and Stakeholder Input Phases	March/April 2018
Multi-Year Bus Service Implementation Plan	Project prioritization policy and project-level decision-making structure development underway ; Service Standards Development in discussion First phase of public engagement currently underway	Late Summer/Early Fall 2018
Transit Corridors Major Investment Study	Data collection/analysis on all alternative corridors underway First phase of public engagement currently underway	Late Summer/Early Fall 2018

Wake Transit October Outreach Schedule

Community	Date	Time	Location
Raleigh	Wednesday, October 25 th	5:30-7:30 PM	Chavis Heights Community Center
	Thursday, October 26 th	5:30-7:30 PM	Carolina Pines Community Center
	Monday, October 30 th	5:30-7:30 PM	Tarboro Road Community Center
	Thursday, November 2 nd	5:30-7:30 PM	Laurel Hills Community Center
	Tuesday, November 7 th	5:30-7:30 PM	Green Road Community Center
Cary	Tuesday, November 14 th	5:30-7:30 PM	Cary Senior Center
	Thursday, November 16 th	1:00-3:00 PM	Cary Arts Building
Countywide	Wednesday, November 1 st	5:30-7:30 PM	Wake County Northern Regional Center (Wake Forest)
	Monday, November 6 th	5:30-7:30 PM	Wake County East Regional Center (Zebulon)
	Wednesday, November 8 th	5:30-7:30 PM	Wake County Southern Regional Center (Fuquay-Varina)

Progress On FY 2018 Work Plan Implementation

- Public Engagement in progress (Started October 25) – seeking feedback from public on MYBSIP, MIS and FY 2019 Short-Term Priorities.
 - www.publicinput.com/waketransit
 - Over 1,300 English Surveys Completed; 41 Spanish Surveys Completed (as of 11/1/2017)
- Town of Cary – Hired Transit Project Manager
- Other staff being recruited – Raleigh, GoTriangle
- Financial and Performance Reporting is being coordinated between CAMPO and GoTriangle – FY 2018 Q1 Report Available in November
- MYBSIP and MIS now fully underway

FY19 Proposed Wake Transit Projects for CAMPO

- **Wake Transit Program/Project Manager**
 - Oversee development and coordination of work plan components
 - Management of systemwide plans/studies
 - Manages coordination and implementation of prioritization and project-level decision-making structures
 - Manages development of extension to 10-year transit plan
 - Manages on-call services program
- **Entry-Level Transit Planner**
 - Provide administrative and technical support for TPAC Administrator and Program/Project Manager
- **Technical Assistance: Community Funding Area (CFA) Program Management Plan**
 - May be a potential need to have money available for CFA's to utilize for local transit service planning and technical assistance for service development

FY 2019 Wake Transit Work Plan Development

DATE	ACTION
October 16	Project Sponsor Budget Requests Due to TPAC Sub-Committees
January 17	TPAC Considers Draft FY 2019 Wake Transit Work Plan
January 22 – March 9	Agency, Stakeholder, and Public Comment on Draft Work Plan
April 2018	TPAC Recommends FY 2019 Work Plan to Governing Boards
May & June	CAMPO & GoTriangle Public Hearings
By June 30	CAMPO & GoTriangle Adopt FY 2019 Wake Transit Work Plan; GoTriangle Adopts Wake Operating and Capital Ordinances

5.3 Wake Transit Implementation Update

Requested Action:
Receive as information

5.4 FY 2018 NCDOT BICYCLE AND PEDESTRIAN PLANNING GRANT APPLICATIONS

2018 grant submittals:

- Angier
- Archer Lodge

Requested Action:

Recommend the Executive Board's adoption of Resolution to Endorse the Bicycle and Pedestrian Planning Grant applications.

5.5 2045 Metropolitan Transportation Plan Update

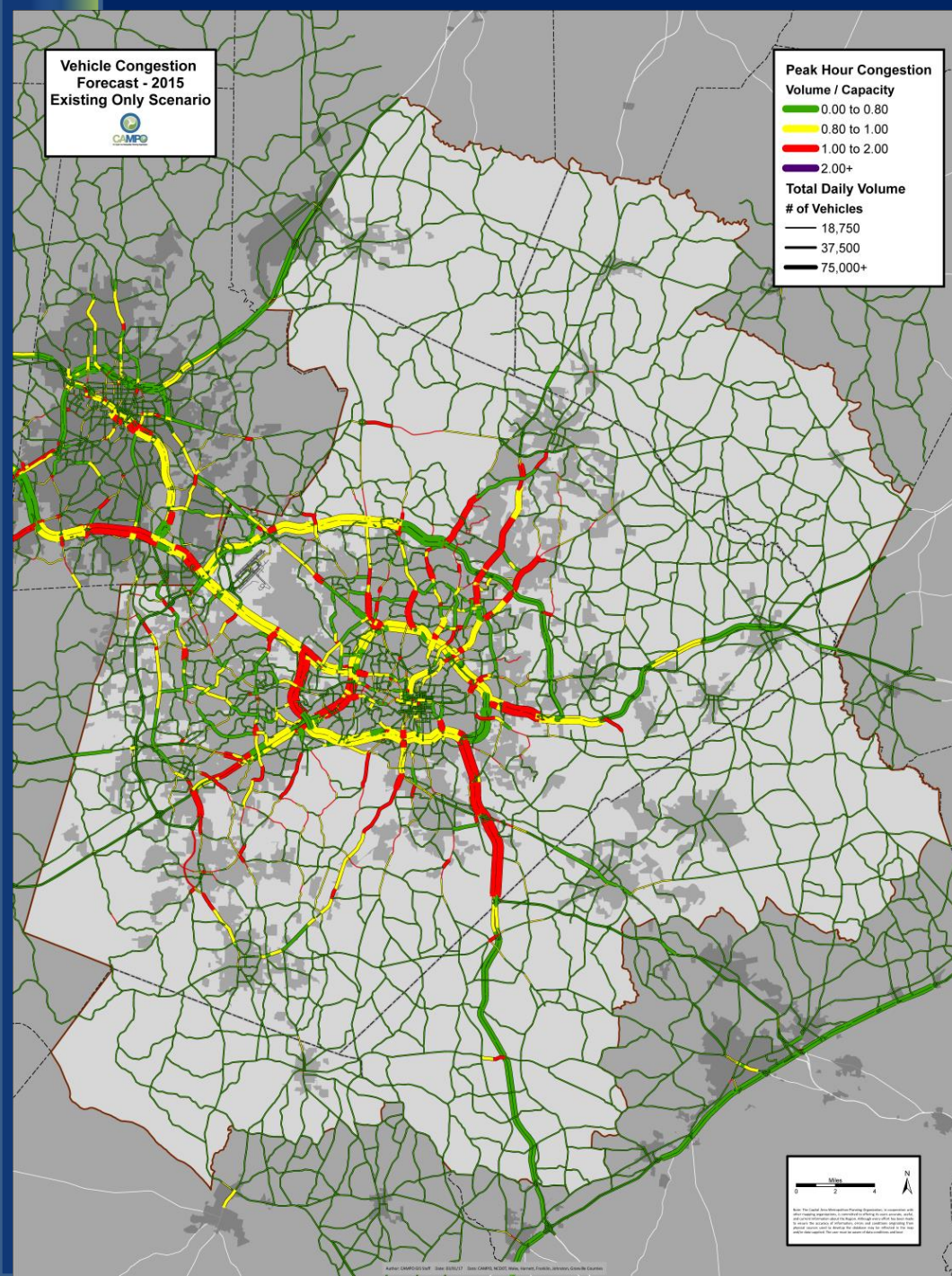
5.5 2045 Metropolitan Transportation Plan Update

Long-range guide for major transportation investments for the North Carolina Capital Area Metropolitan Planning Organization

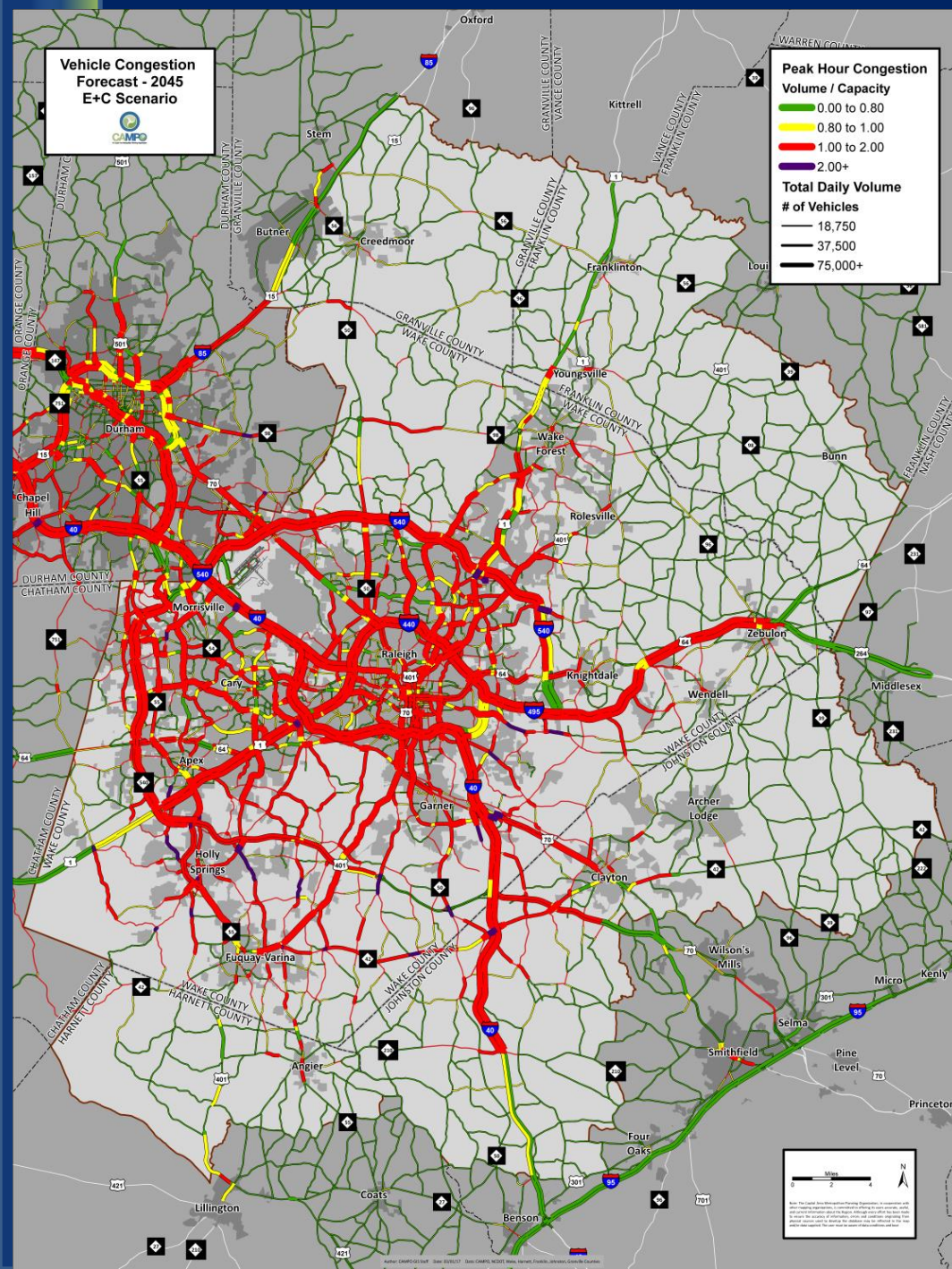
Recommends major transportation projects, systems, policies and strategies designed to maintain our existing systems and serve the region's future mobility needs

The Capital Area MPO MTP is integrated with land use and air quality strategies and goals for the urban area.

Deficiency Analysis



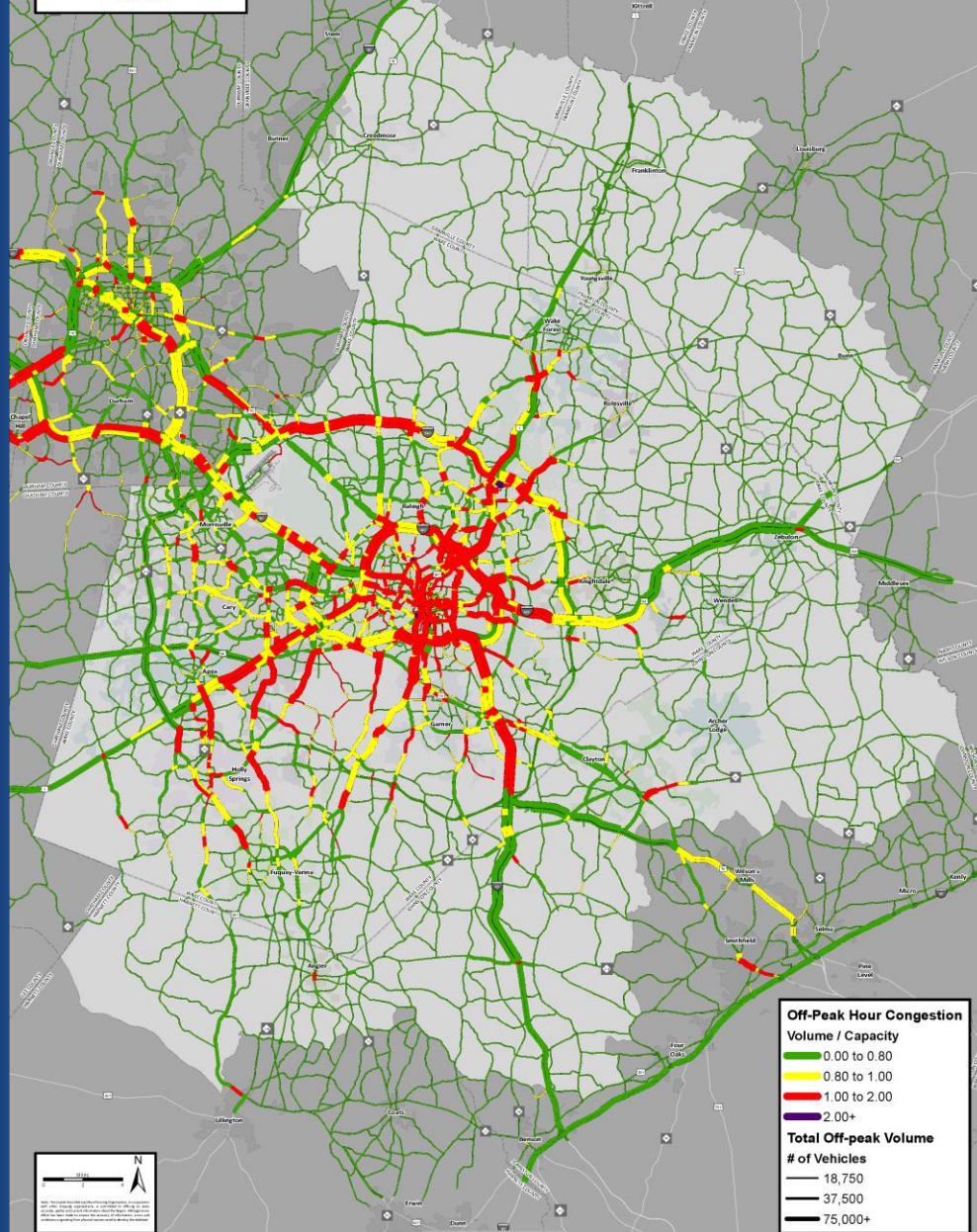
- Transportation Network:
 - 2015
- Socio-Economic Data:
 - 2015
- Volume / Capacity
 - **Red** signifies that a road has met or exceeded it's capacity
- Peak Hour
 - Represents the worst travel hour of the day



Deficiency Analysis

- **Transportation Network:**
 - 2022
- **Socio-Economic Data:**
 - 2045
- **Volume / Capacity**
 - **Red** signifies that a road has met or exceeded it's capacity
- **Peak Hour**
 - Represents the worst travel hour of the day

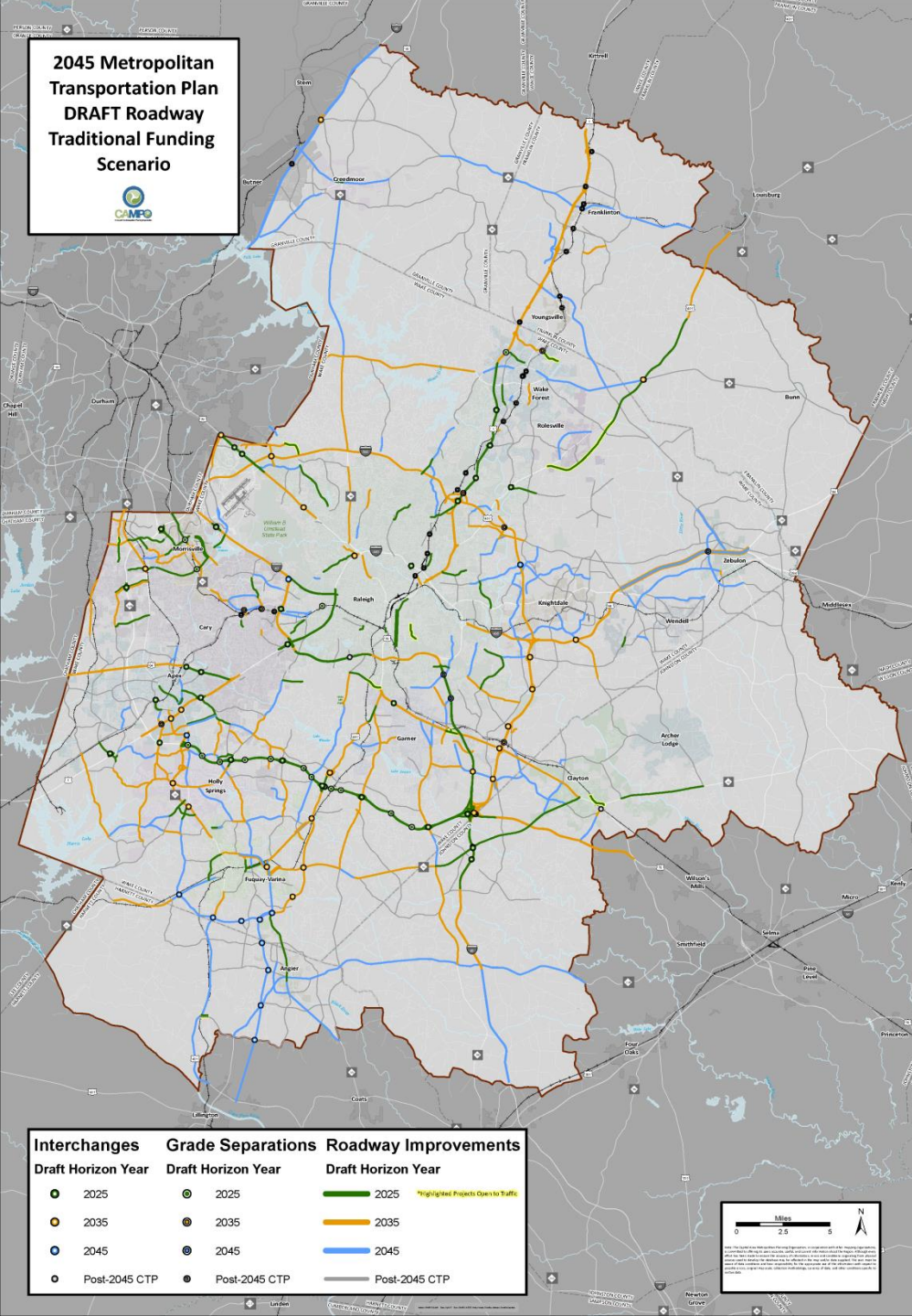
Vehicle Congestion
Forecast - 2045
Preferred Alternative



Alternatives Analysis

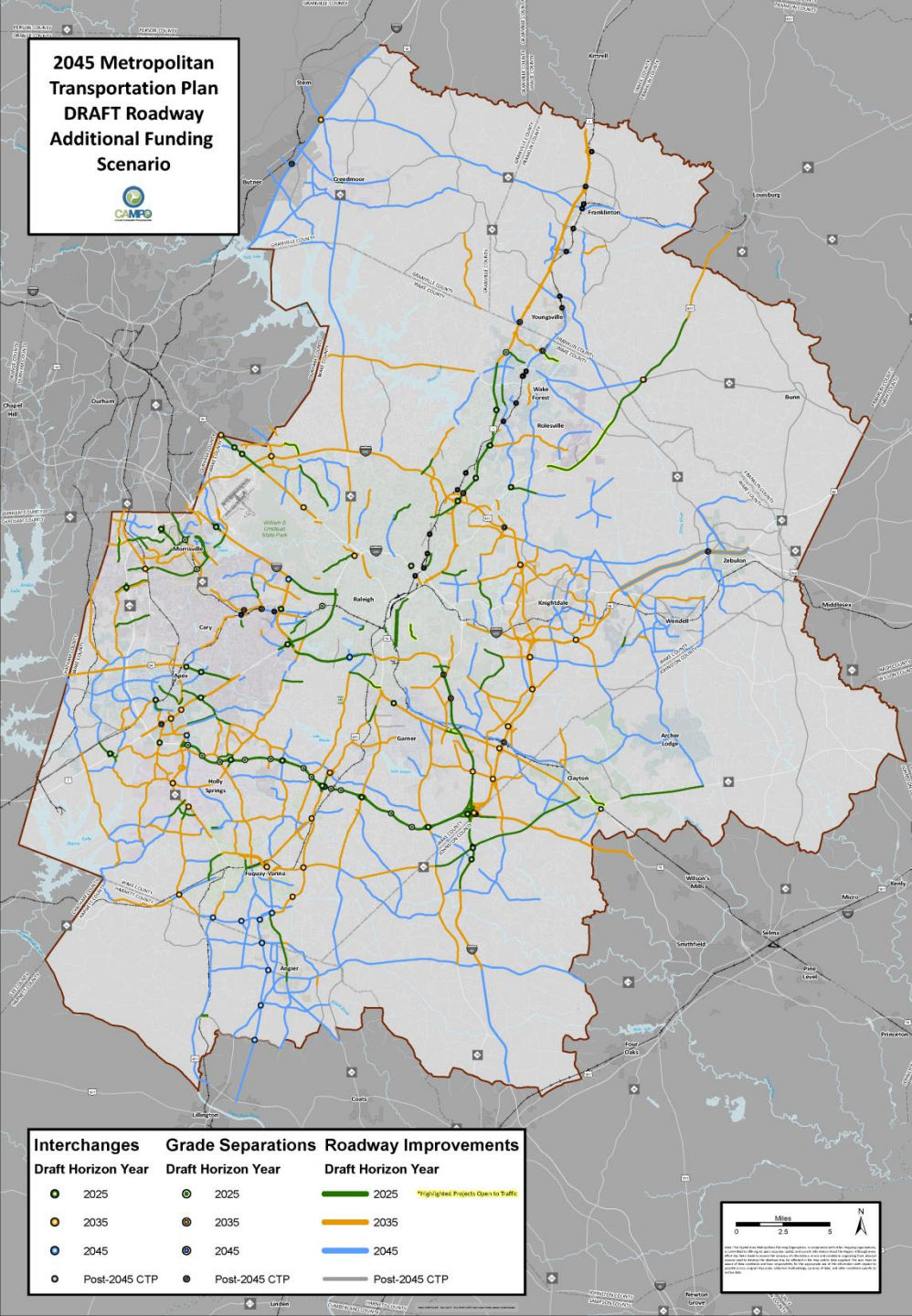
- **Transportation Network:**
 - Preferred
- **Socio-Economic Data:**
 - AIM High
- **Volume / Capacity**
 - **Red** signifies that a road has met or exceeded it's capacity
- **Peak Hour**
 - Represents the worst travel hour of the day

**2045 Metropolitan
Transportation Plan
DRAFT Roadway
Traditional Funding
Scenario**



- 2045 Preferred Roadway Element (*Traditional*)
 - \$12 + Billion Plan (2013-2045)
 - Financial resources largely focused on higher order roadways (State/Federal funds)
- Major Investments
 - Completion of the Outer Loop
 - Widening/Improving I-40, I-440, US 401, US 1, US 64, US 70, NC 42, NC 50, NC 54, NC 55, NC 98
 - Additional secondary roadway investments in 2nd and 3rd decades

**2045 Metropolitan
Transportation Plan
DRAFT Roadway
Additional Funding
Scenario**



- 2045 Preferred Roadway Element (*Additional*)
 - \$10 + Billion Plan (2013-2045)
 - Financial resources include additional new local/regional revenue
- Major Investments
 - Completion of the Outer Loop
 - Widening/Improving I-40, I-440, US 401, US 1, US 64, US 70, NC 42, NC 50, NC 54, NC 55, NC 98
 - Additional secondary roadway investments in 2nd and 3rd decades

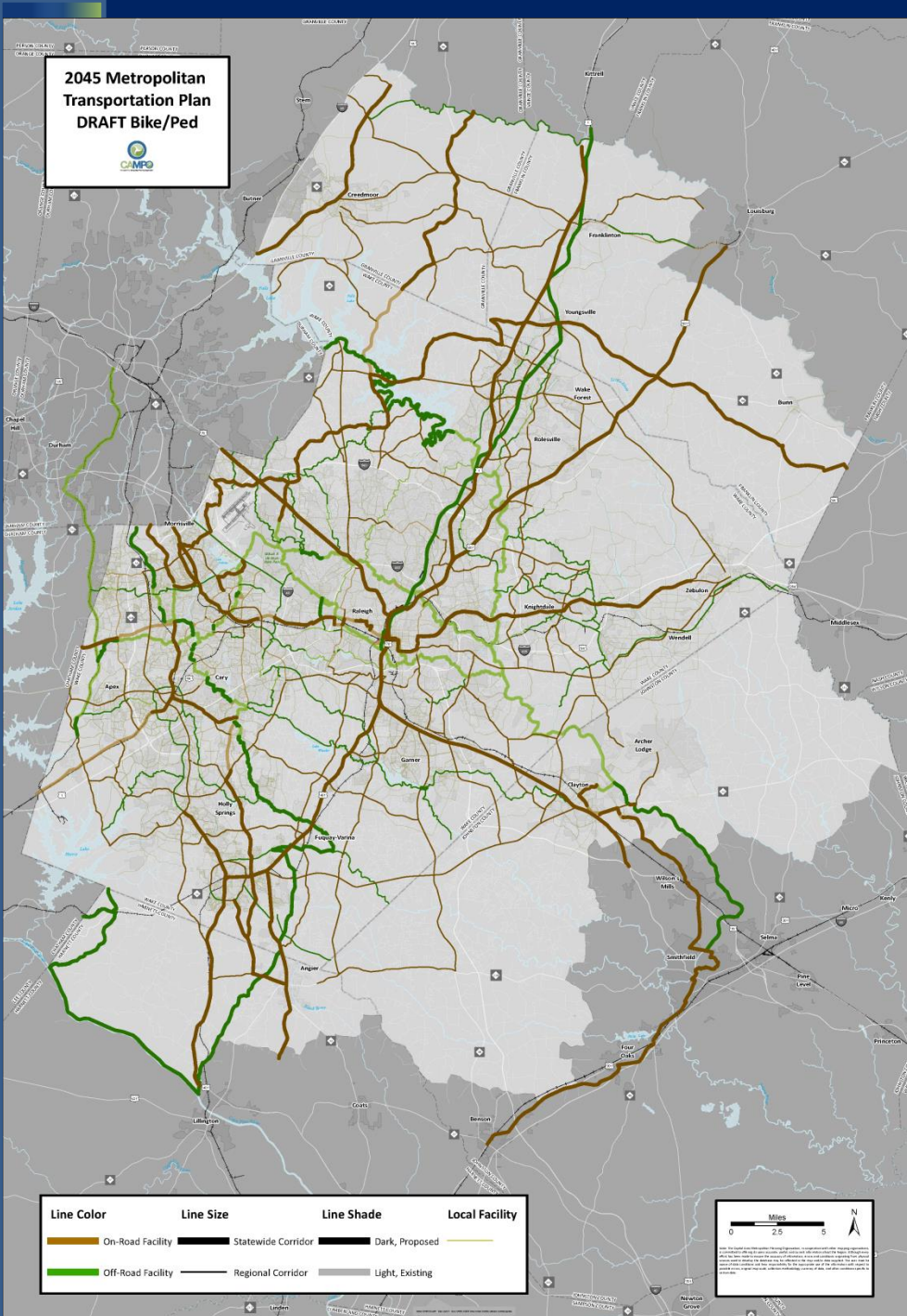
Preferred Scenario Transit Element

- Current Bus Service
- Major Transit Investments (WTP + 20yrs)
 - Commuter Rail Service Garner to Durham
 - Future service extended to Selma and Mebane as appropriate
 - Commuter Rail Service from Wake Forest to Apex
 - Future extensions north as appropriate
 - BRT Infrastructure and Service in Capital, New Bern, Wilmington, and Western/Chatham/NC 54 corridors
 - Future service/infrastructure extensions and enhancements
 - BRT Service to midtown Raleigh
 - BRT Service in Harrison/Kildaire Farm corridor
 - Continuation of WTP frequent bus network
 - Continuation of Community Funding Areas

Preferred Scenario Bicycle & Pedestrian Element

- Bicycle & Pedestrian Functional Classification
 - Off-Road Facilities
 - On-Road Facilities
 - Functional Classification:
 - Statewide (Inter-Regional)
 - Regional (Intra-Regional/Collector)
 - Local
- *Sidewalks are included Programmatically*

**2045 Metropolitan
Transportation Plan
DRAFT Bike/Ped**



- **Functional Classification:**
 - Statewide (Inter-Regional)
 - Regional (Intra-Regional/Collector)
 - Local
- **Off-Road Facilities Include:**
 - Greenways
 - Multi-Use Paths
 - Side Paths
- **On-Road Facilities Include:**
 - Bike Lanes
 - Wide Outside Lanes
 - Wide Shoulders
 - Bike Routes (shared lanes)

2045 MTP Revenue Forecast

Our Revenue Forecast is derived from:

- 1st Decade:
 - Draft TIP/STIP (10 yr Work Program)
 - Local funding/development activity
- 2nd & 3rd Decades:
 - “Traditional” Federal & State Funds
 - MPO portion based NCDOT Financial Forecast
- Transit Funds
 - *Wake Transit Plan Forecast (modified/extended)*
- Local Revenue
 - Based on Local CIPs / Development Activity
- Potential New Revenue Assumptions

2045 MTP Revenue Forecast

Two Revenue options were explored beyond the 1st decade:

- Traditional:
 - State/Federal funding sources
 - Future state/federal revenues increase to keep pace/extend final STIP programming levels and maintained through 2045
 - Trend based local/developer funding
- Potential New Revenue Assumptions

2045 MTP Revenue Forecast

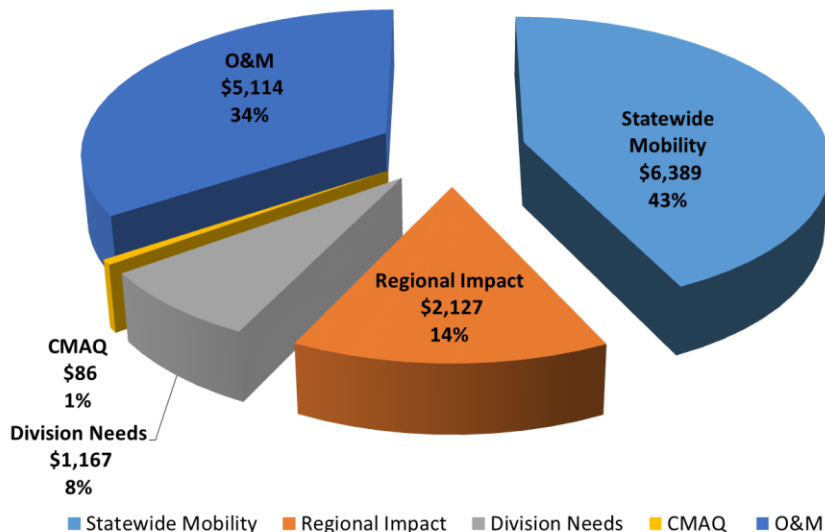
Two Revenue options were explored beyond the 1st decade:

- Additional Funding:
 - Builds off of the Traditional revenue assumptions
 - Future state/federal revenues increase to keep pace/extend final STIP programming levels and maintained through 2045
 - Additional local/developer funding
 - Potential New Revenue Assumptions

2045 Preferred Financial Forecast (2026-2045)

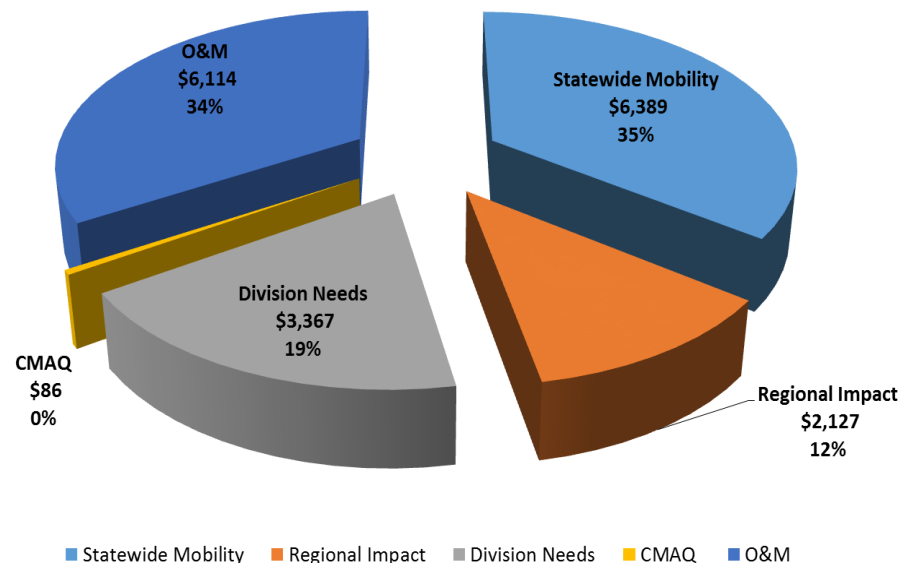
Traditional

Aspirational Scenario



\$14.9 Billion

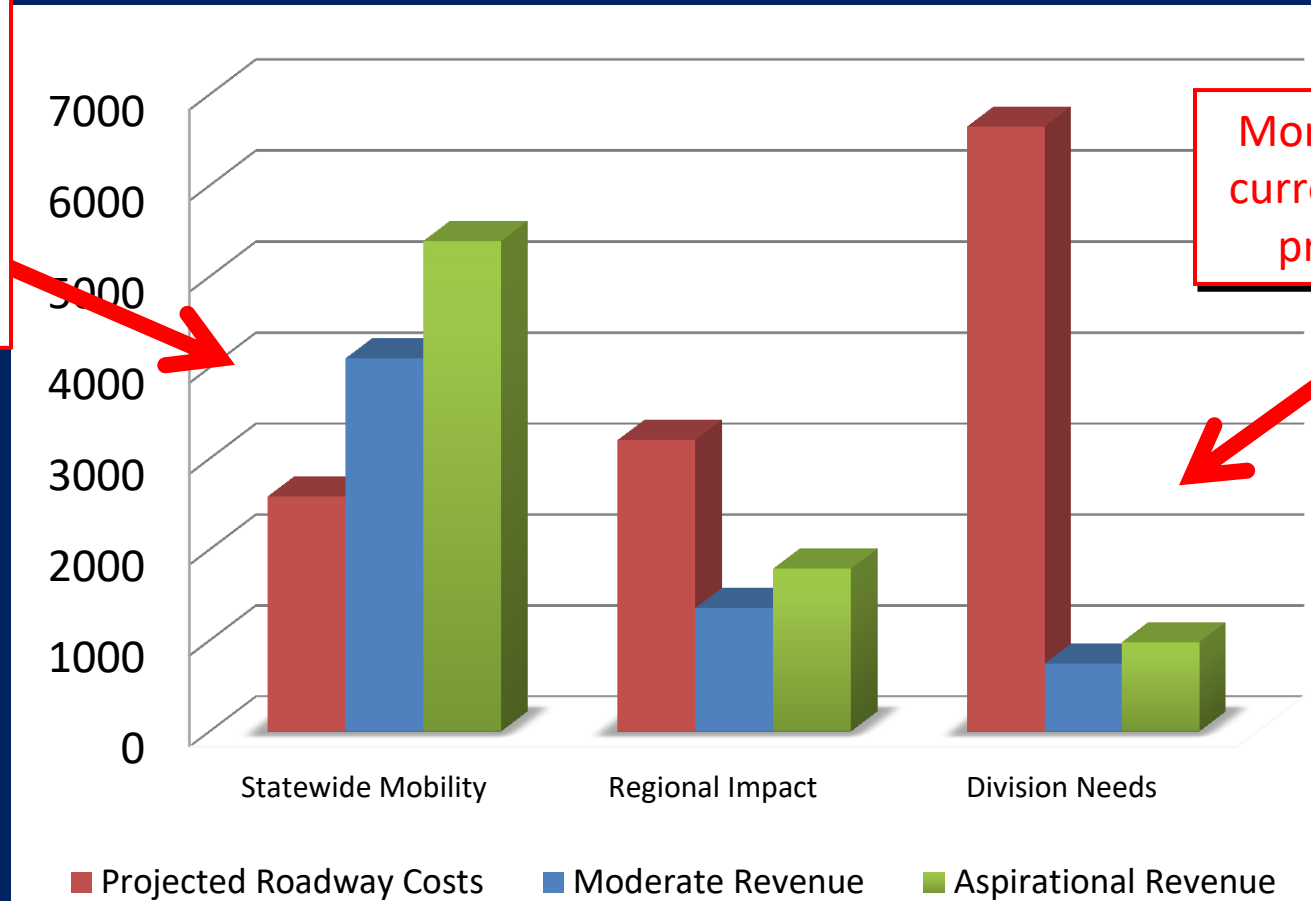
Additional



\$18.1 Billion

2045 Preliminary Revenue vs. Project Costs (Roadway)

STI Revenue
is a
statewide
competition
and not
guaranteed



More cost than
current revenue
projections

CONTINUED CHALLENGES

The gap between the region's transportation needs and available funding presents several challenges that we must soon address:

- Short and long term non-traditional funding sources
- **Local and regional revenue options**
- Advancement of MTP projects to implementation consistent with the air quality conformity project implementation schedule.
- Monitoring regional growth to ensure the Plan stays abreast of the region's needs

Upcoming MTP Milestones

Item	Anticipated Updates
Alternatives Analysis Review	April – August 2017
Revenue Forecast Updates	April - August 2017
Preliminary Draft Financial Plan	August/September 2017
Public Involvement (Preferred Alternative)	October/November 2017
“Final” Draft Plan	November 2017
Public Hearing	November/December 2017
Adopt 2045 Plan	December 2017/January 2018

5.5 2045 Metropolitan Transportation Plan Update

Next Steps

- Review fiscally constrained Preferred Scenario results – October/November
- Release fiscally constrained Preferred Scenario – October 31, 2017 (45-day comment period)
- Submit agency comments to CAMPO – October-December
- Approve 2045 MTP projects (including CTP element) – December 13, 2017 Executive Board meeting
- Adopt final 2045 MTP document (including CTP element) – January 17, 2018 Executive Board meeting.

Requested Action:

Receive as information

6. Informational Items: Budget

6.1: Member Shares - FY 18

6.2: Operating Budget - FY 18

Requested Action:
Receive as information

7.1 Information Item: Project Updates

- Hot Spot Program
- Transit Systems Planning
- Regional Freight Plan Study
- (SRTS) John Rex Endowment Grant Award Update
- NC Non-Motorized Volume Data Program- Phase II Region Roll-out
- Triangle Tolling Study
- NC 98 Corridor Study
- Rolesville Main Street Study

Requested Action:
Receive as information

8. Information Item: Staff Reports

- MPO Director, Chris Lukasina
- TCC Chair
- NCDOT Transportation Planning Branch
- NCDOT Division 4
- NCDOT Division 5
- NCDOT Division 6
- NCDOT Rail Division
- NC Turnpike Authority

Requested Action:

Receive as information

Upcoming Events

Date	Event
Nov. 3-4, 2017	2017 NC Bike Summit Program Wilmington, NC
Nov. 15, 2017 4:00 – 6:00	Executive Board One City Plaza 421 Fayetteville Street, Suite 203 Raleigh, NC 27601
Nov. 16, 2017 5-8 p.m.	NCDOT Raleigh Area Projects Open House McKimmon Center
****Nov. 30, 2017**** 9:00 - Noon	Joint MPO Meeting Apex Town Hall 3rd floor meeting room Apex, NC 27502

Upcoming Events

Date	Event
Dec. 7, 2017 10:00 – Noon	TCC One City Plaza 421 Fayetteville Street, Suite 203 Raleigh, NC 27601
****Dec. 13, 2017**** 4:00 – 6:00	Executive Board One City Plaza 421 Fayetteville Street, Suite 203 Raleigh, NC 27601

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