



NC Capital Area **Metropolitan Planning Organization**

CAPITAL AREA MPO

Executive Board Meeting

September 20, 2017

4:00 PM

1. Welcome and Introductions

2. Adjustments to the Agenda

3. Ethics Statement:

In accordance with the State Government Ethics Act, it is the duty of every Executive Board member to avoid conflicts of interest.

Does any Executive Board member have any known conflict of interest with respect to matters coming before the Executive Board today? If so, please identify the conflict and refrain from any participation in the particular matter involved.

4. Public Comments

This is an opportunity for comments by those in attendance. Please limit comments to three minutes for each speaker.

5.1 Minutes

Minutes – August 16, 2017 minutes

Requested Action:

Approve the August 16, 2017 meeting Minutes

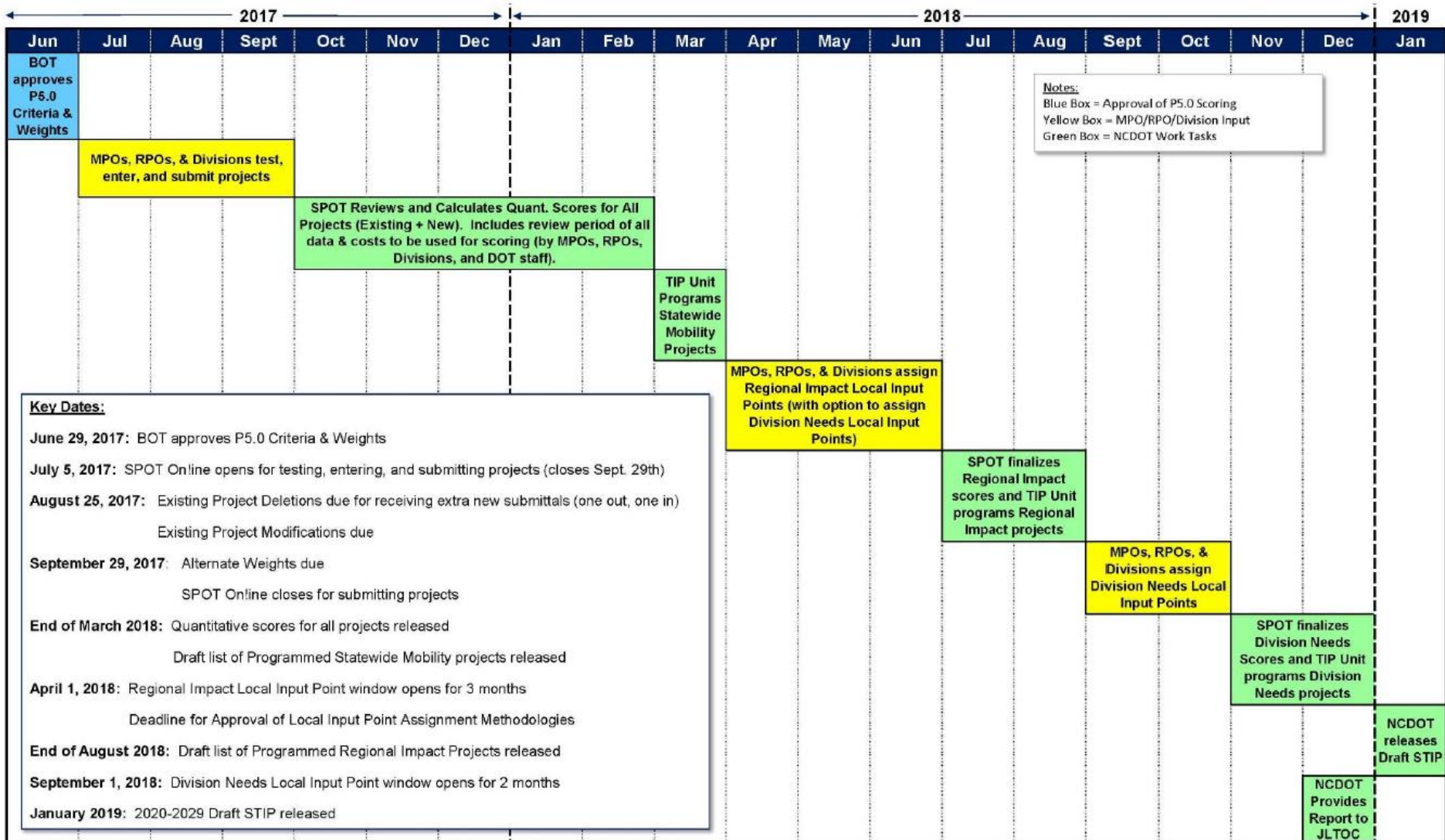
7. Public Hearing

7.1 Prioritization 5.0 Modal Candidate Project Lists

P5.0 Schedule & Updates

Prioritization 5.0 Schedule

May 23, 2017



Highway Scoring Criteria & Weights (Default)

Funding Category	<u>QUANTITATIVE</u>	<u>LOCAL INPUT</u>	
	Data	Division	MPO/RPO

Statewide Mobility

Congestion = 30%
Benefit-Cost = 25%
Freight = 25%
Safety = 10%
Economic Comp. = 10%

100%

--

--

Regional Impact

Congestion = 20%
Benefit-Cost = 20%
Safety = 10%
Accessibility/Connectivity = 10%
Freight = 10%

70%

15%

15%

Division Needs

Congestion = 15%
Benefit-Cost = 15%
Safety = 10%
Accessibility/Connectivity = 5%
Freight = 5%

50%

25%

25%

Note: Region(s) _____ and Division(s) _____ use Alternate Criteria & Weights

P5.0 Alternate Criteria

- | | Default | Proposed Region A |
|--------------------------------|---------|------------------------|
| • Regional Impact | | |
| – Congestion | 20% | 15% |
| – Benefit Cost | 20% | 20% |
| – Safety | 10% | 10% |
| – Accessibility / Connectivity | 10% | 10% |
| – Freight | 10% | 15% |
| • Division Needs | | Division 4 – no change |
| – Congestion | 15% | |
| – Benefit Cost | 15% | |
| – Safety | 10% | |
| – Accessibility / Connectivity | 5% | |
| – Freight | 5% | |

P5.0 Alternate Criteria

• Regional Impact	Default	Proposed Region C
– Congestion	20%	20%
– Benefit Cost	20%	20%
– Safety	10%	10%
– Accessibility / Connectivity	10%	5%
– Freight	10%	15%

P5.0 Alternate Criteria

• Division Needs	Default	Division 5
– Congestion	15%	15%
– Benefit Cost	15%	20%
– Safety	10%	15%
– Accessibility / Connectivity	5%	
– Freight	5%	
• Division Needs		Division 6
– Congestion	15%	15%
– Benefit Cost	15%	15%
– Safety	10%	15%
– Accessibility / Connectivity	5%	5%
– Freight	5%	

Aviation Projects

- Review committed project
- Resubmit P4 Aviation Projects
- Contacted RDU & Triangle North Executive Airport
- New Policy – Aviation projects no longer require local match

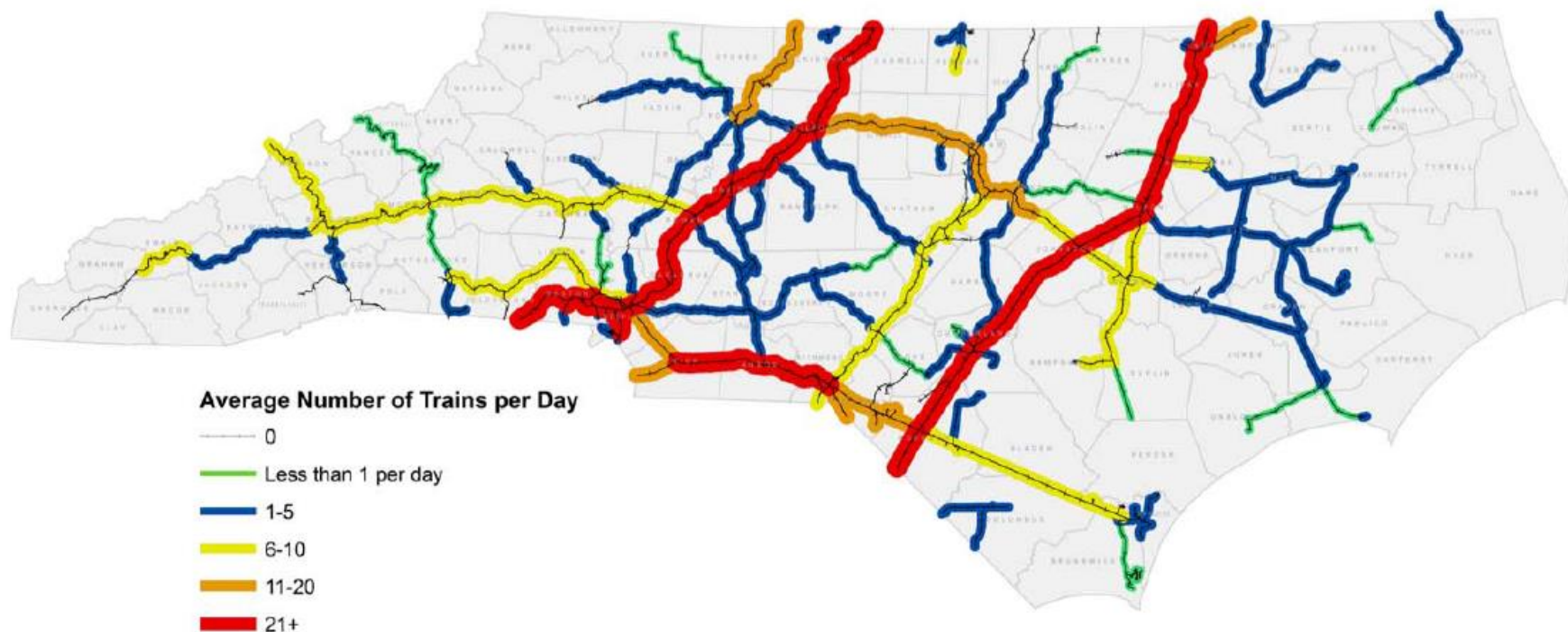
Bicycle/Pedestrian Projects

- Review of committed projects
- Review of carryover projects
- Continue proofing and updating estimated technical scores for new submittals
- Work with Division Engineers to submit as many projects as possible
- Public Comments received on Triangle Bikeway

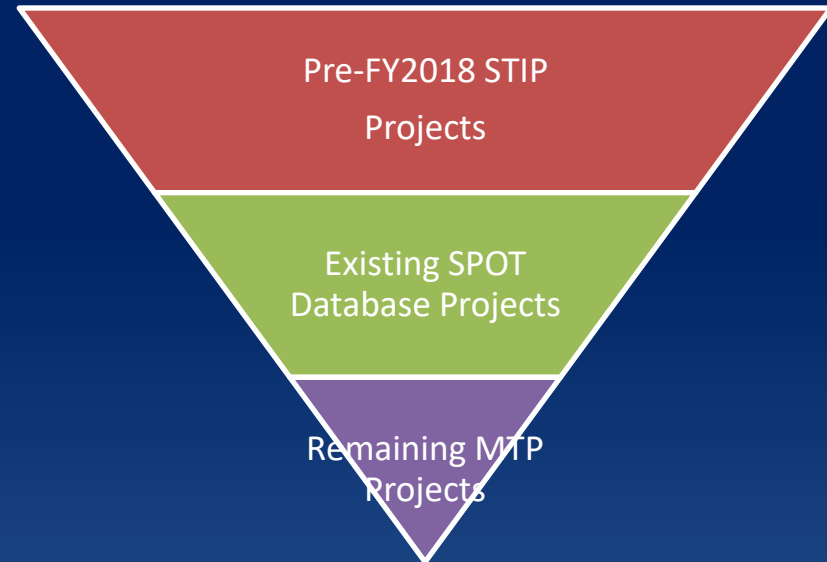
Rail Projects

- Review committed projects
- Resubmit P4 Rail Projects
- Include additional Grade Separations identified in CAMPO Studies
- Continue working with Divisions and Rail Division on identifying improvements (double tracking, sidings, crossovers)
- Work with Division Engineers to submit as many projects as possible

2016 Train Volumes in North Carolina



CAMPO SPOT Review



- CAMPO can submit 43 additional roadway projects

- Initial List Creation:

- STIP-funded projects prior to 2018 and
- Existing SPOT database projects
- MTP projects (SPOT requirement)
 - Delay, Travel Time, Socio-Economic growth trend metrics used as basis for comparing projects
 - A. E+C Delay/Lane Mile
 - B. 1st Decade Delay/Lane Mile
 - C. 2nd Decade Delay/Lane Mile
 - D. Network Connectivity
 - E. Interchanges/Operational Improvements
 - F. ITS Projects

- Results in a list of 43+ recommended submittals

- Staff will coordinate with NCDOT Divisions to ensure maximum submittal of CAMPO projects.

Roadway Projects

- Multiple meetings with SPOT & Scoring Leads
- US 1 (Capital Blvd) Upgrade Corridor
- Managed Motorway – active traffic management, ITS, ramp-metering, variable speeds, dynamic signage/messaging
- NC 55, Judd Parkway Extension
- Updated Division Needs projects (TRM v6 analysis)
- Work with Division Engineers to submit as many projects as possible

Transit Projects

- Review committed projects
- Contacted Transit Agencies for project requests
- Resubmit P4 Transit Projects
- Work with Transit Agencies and staff to identify most competitive projects
- Work with Division Engineers to submit as many projects as possible

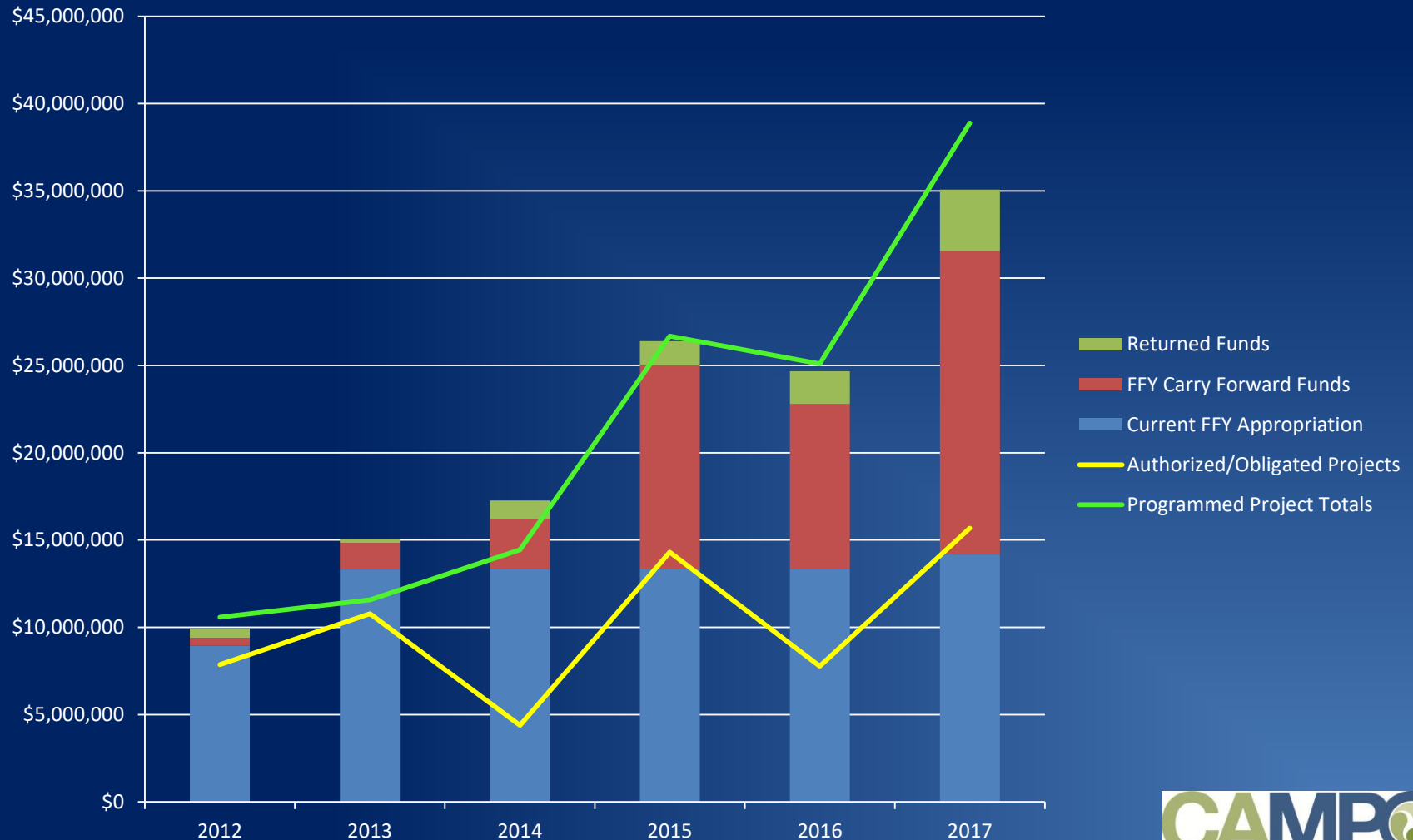
7.1 Prioritization 5.0 Modal Candidate Project Lists

Requested Action:

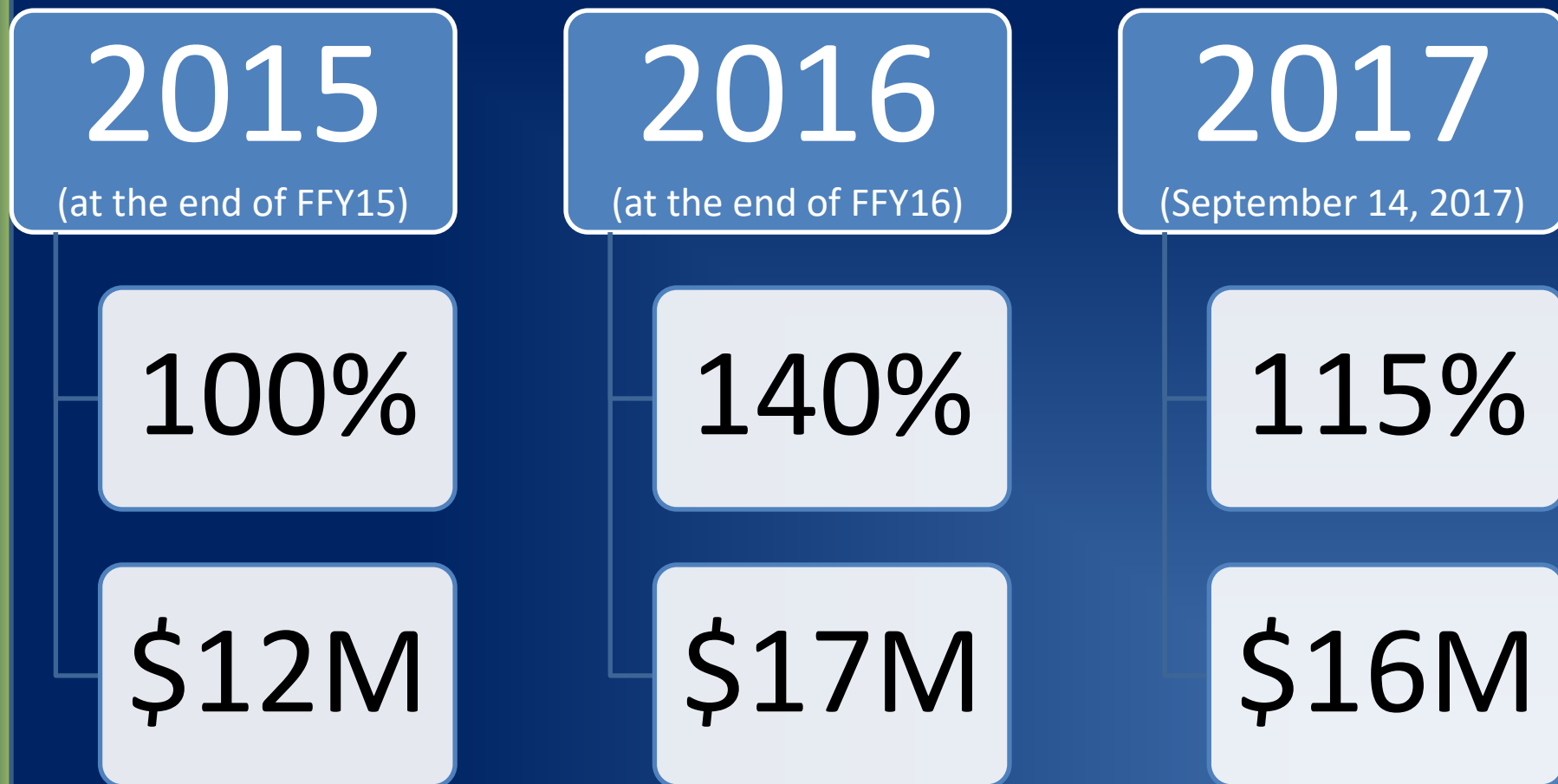
- Continue & Close Public Hearing
- Consider approval of the alternate criteria for Region A, Region C, and Divisions 5 & 6
- Consider approval of draft lists for submission and direct staff to maximize coordination with Division Engineers which may result in alternate projects being submitted with Chair approval.

8.1 FFY 2017 (LAPP) Available Funding Report

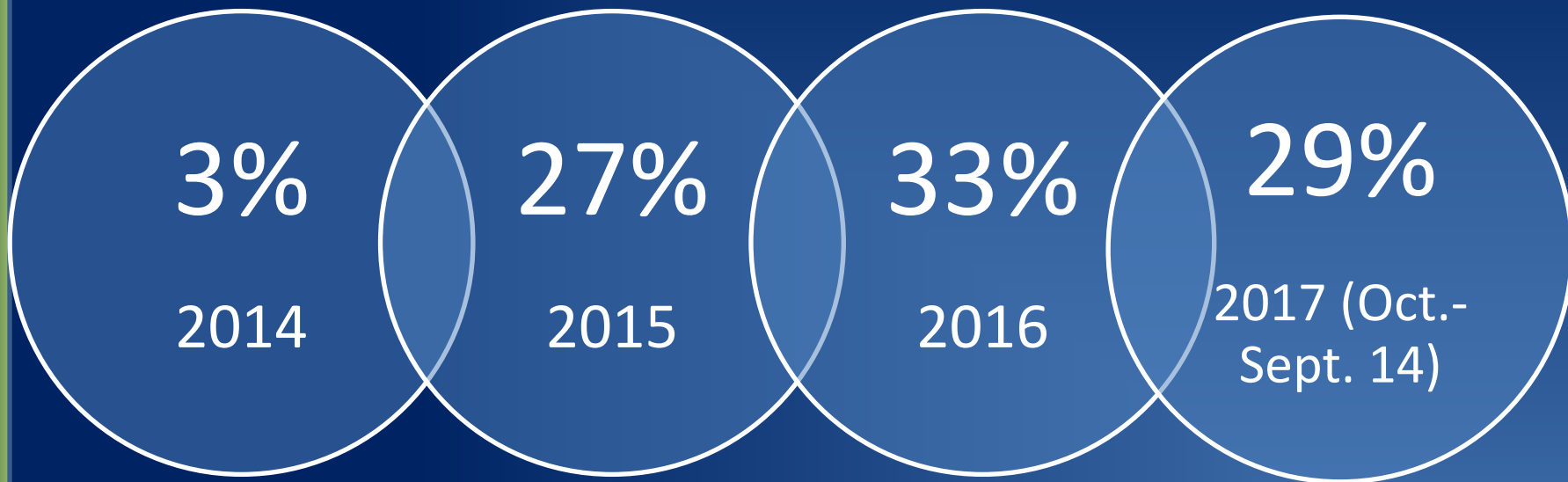
Funding Availability Chart



Unused 'Available' STPDA & TAP Funds Exposure Rate



Annual Obligation Rate: Percent of Programmed Funds Obligated on Schedule



Anticipated Fund Balance

	STPDA/TAP	CMAQ
Current Sept. '17 Exposure	\$16M	\$18M
Anticipated Oblig.	-\$11M	-\$5M
2018 Funds (Oct.)	+\$14M	+\$6M
Anticipated Dec. '17 Exposure	\$19M	\$19M

FY2018 Agreement Status

This is the first key date identified for Shovel Ready Projects

Requested Action:

Receive as information

8.2 FY 2016-25 Transportation Improvement Program - Amendment #7

- NCDOT's STIP Unit notified the MPO of amendments to the 2016-2025 State TIP. The MPO should update the TIP to reflect these changes in order to meet federal regulations stating that the TIP and STIP must be identical and include all projects with federal funding or are deemed regionally significant.
- Staff has released the draft FY 2016-2017 Transportation Improvement Program - Amendment #7 for public review and comment from September 7, 2017 through October 8, 2017 and tentatively scheduled a public hearing at the October 2017 Executive Board meeting.

8.2 FY 2016-25 Transportation Improvement Program - Amendment #7

Requested Action:

Receive as Information. Schedule a Public Hearing at the October Executive Board Meeting.

8.3 FY 2018-2027 Transportation Improvement Program

- CAMPO staff updates the Transportation Improvement Program (TIP) every two years. A draft TIP has been completed that meets the federal requirement stating that the TIP and STIP must be identical.
- Staff has released of the Draft 2018-2027 Transportation Improvement Program for public review and comment from September 7, 2017 to October 8, 2017 and tentatively scheduled a public hearing at the October 2017 Executive Board meeting.

8.3 FY 2018-2027 Transportation Improvement Program

Requested Action:

Receive as Information. Schedule a Public Hearing at the October Executive Board Meeting.

8.4 NCDOT Public Transportation Strategic Plan



PUBLIC TRANSPORTATION

STRATEGIC PLAN

Connecting North Carolinians to Opportunities



North Carolina Public Transportation Strategic Plan



County Commissions

City Councils

Transit Boards

Metropolitan Planning Organizations

Rural Planning Organizations

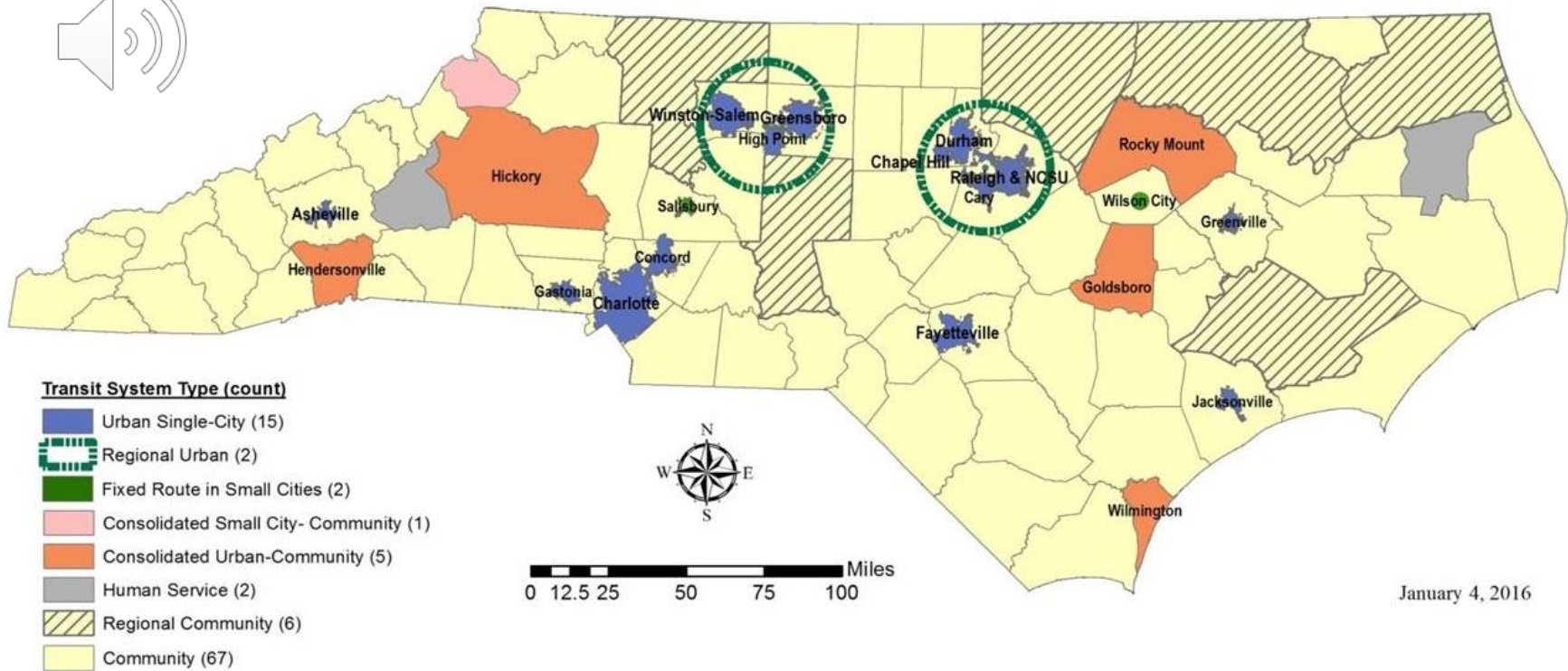
August and September 2017

North Carolina's Transit Partnerships

- Partnerships make it possible for 74 million transit customers annually to have service in all 100 counties



PUBLIC TRANSPORTATION SYSTEMS IN NORTH CAROLINA BY CATEGORY

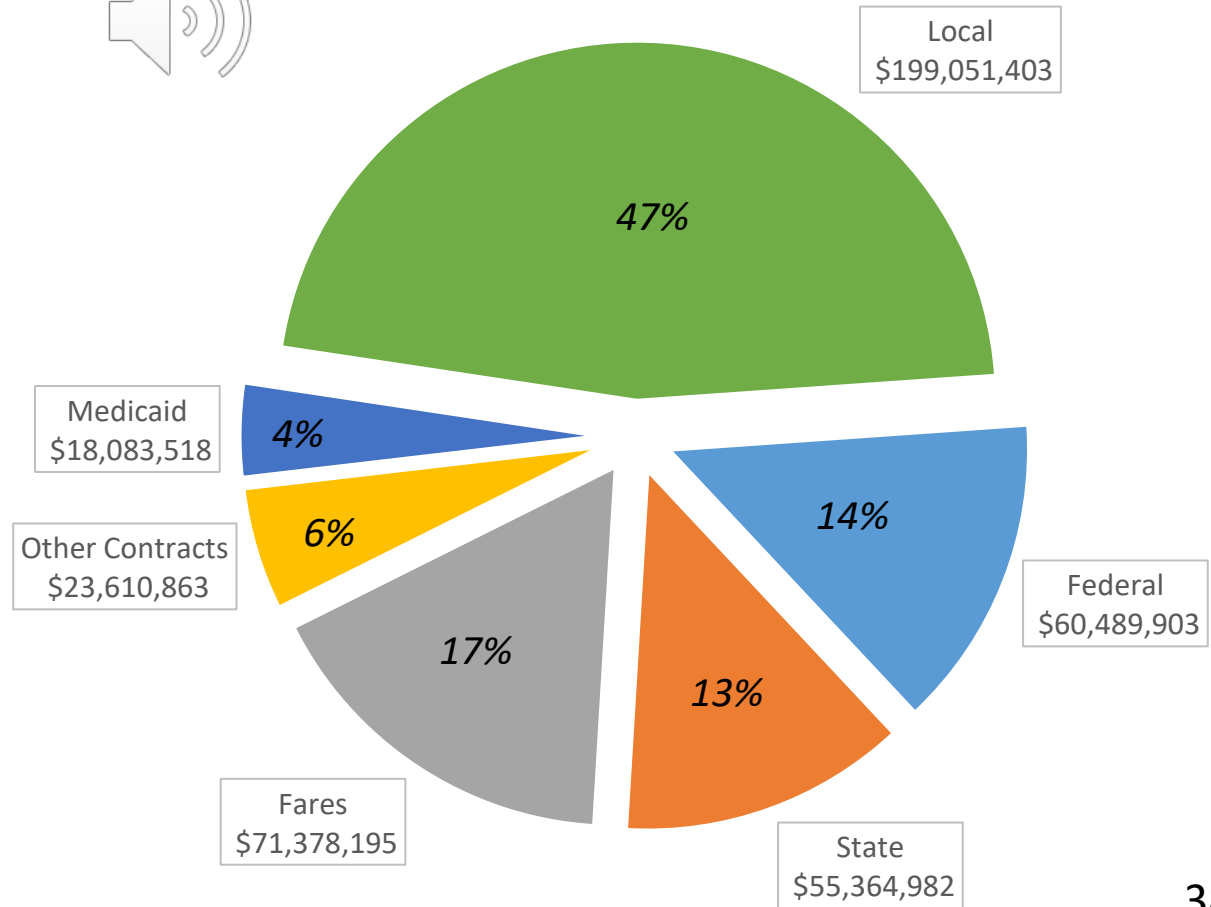
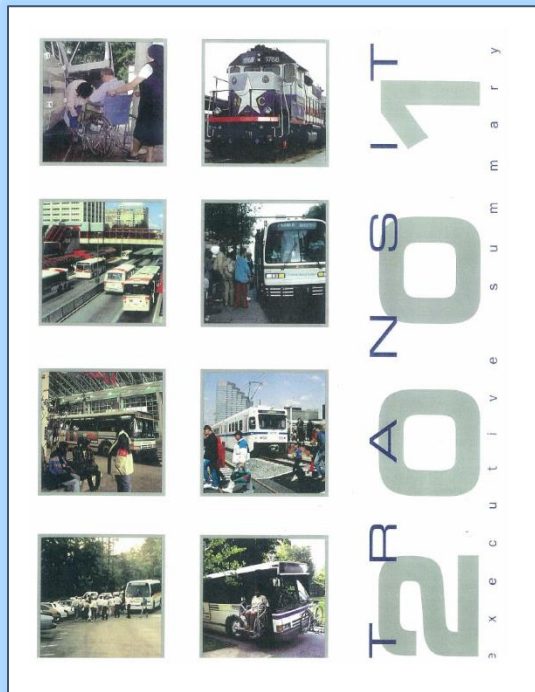


North Carolina's Transit Investment

Statewide Mobility and Access to Opportunity

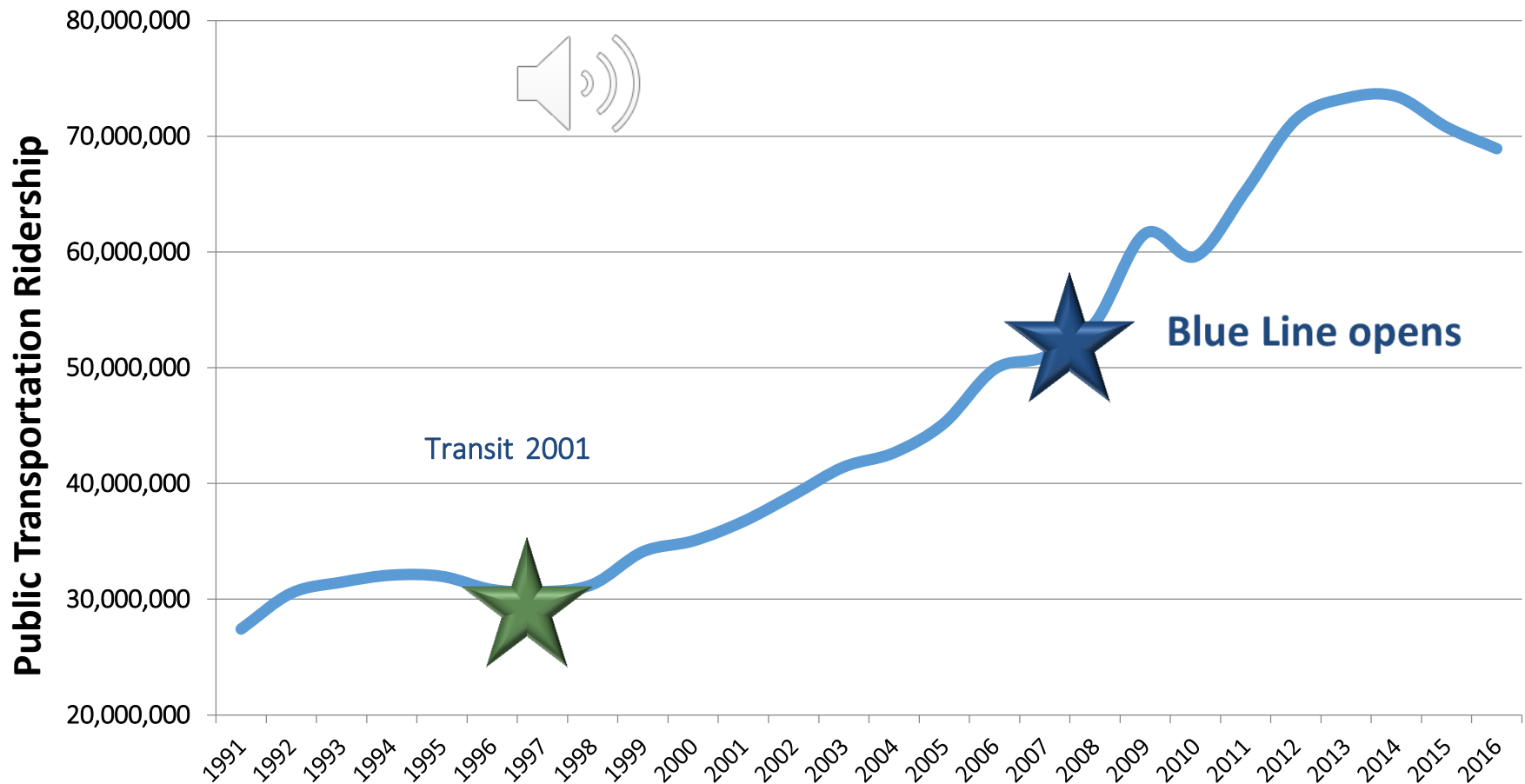


FY 2016 North Carolina Transit Operations Revenue by Source



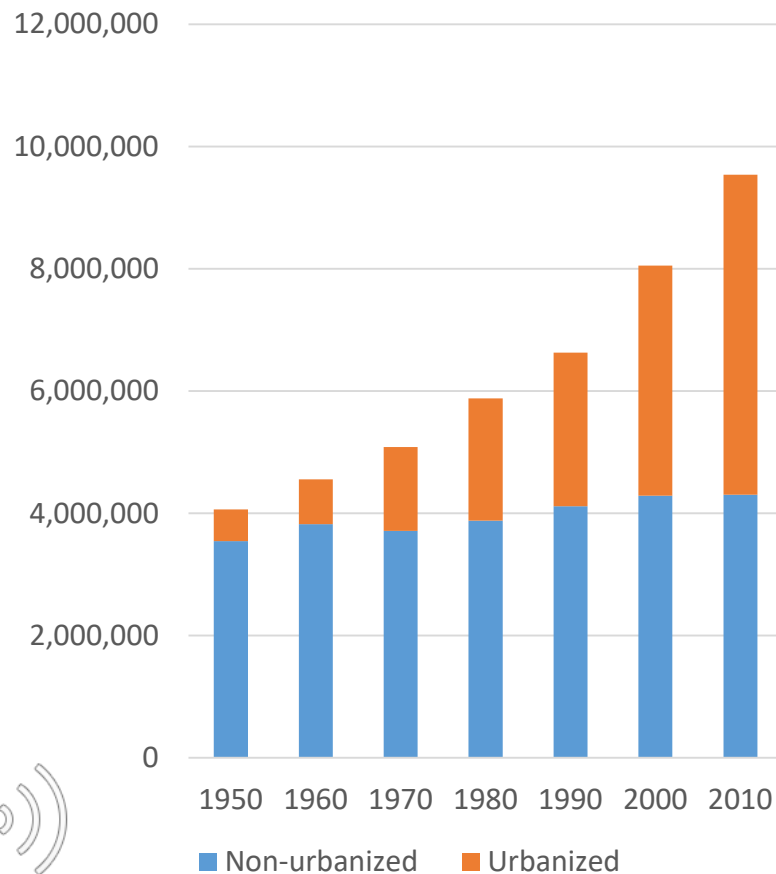
Source: Institute for Transportation Research and Education
Urban and Community Operating and Financial Statistics

Exceptional Growth in Urban Public Transportation Ridership



North Carolina

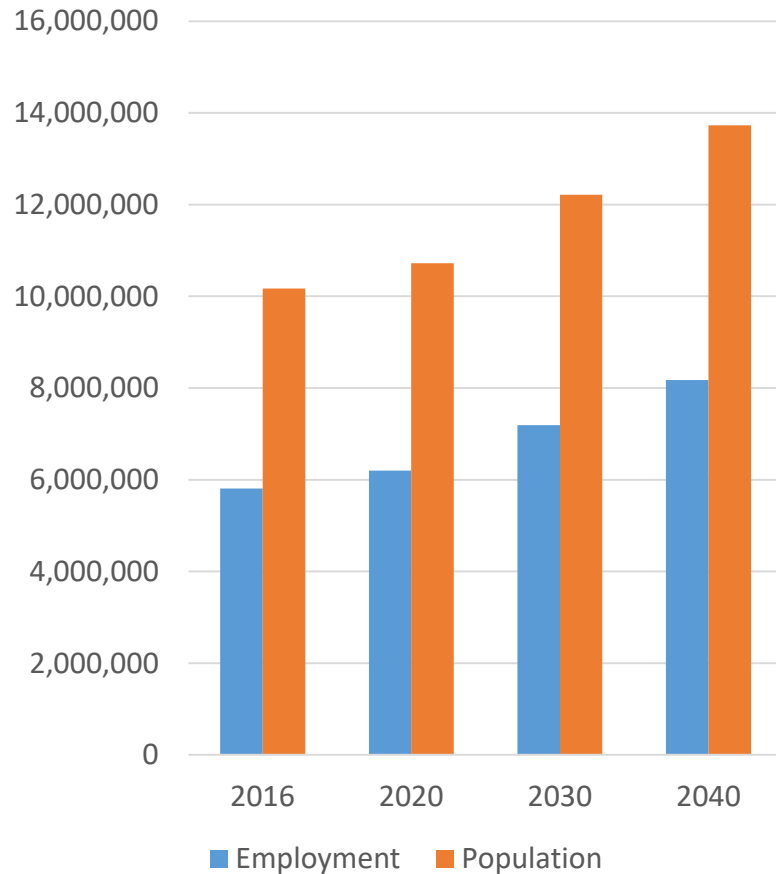
Non-Urbanized and Urbanized Population 1950 to 2010



- U.S. Census defines urbanized areas greater than 50,000 population
- In 2010, 55% of the state's 9.5 million persons lived in urbanized areas
- From 1950 to 2010, NC's urbanized area population grew from 13% to 55% of the state's population



North Carolina Population and Employment Projections



By 2040, NC is projected to add:

- 2.4 million jobs – 41% more than 2016
- 3.5 million more residents – 35% more than 2016



Source: 2017 - Woods & Poole Economics, Inc.

Population Change by Age Group 2016 to 2036



- By 2036, North Carolina's population of persons older than age 65 will grow by a million persons, or 64.5 percent.

**North Carolina Population by Age Group 2016 to 2036
in millions**

Age Group	2016	2026	2036	% Change
< 18	2.3	2.4	2.6	+10.5%
18 - 24	1.0	1.1	1.1	+8.2%
24 - 64	5.3	5.6	6.1	+14.8%
64+	1.6	2.1	2.6	+64.5%

Source: NC Office of Management and Budget, 2017
https://www.osbm.nc.gov/demog/countytotals_standardagegroups

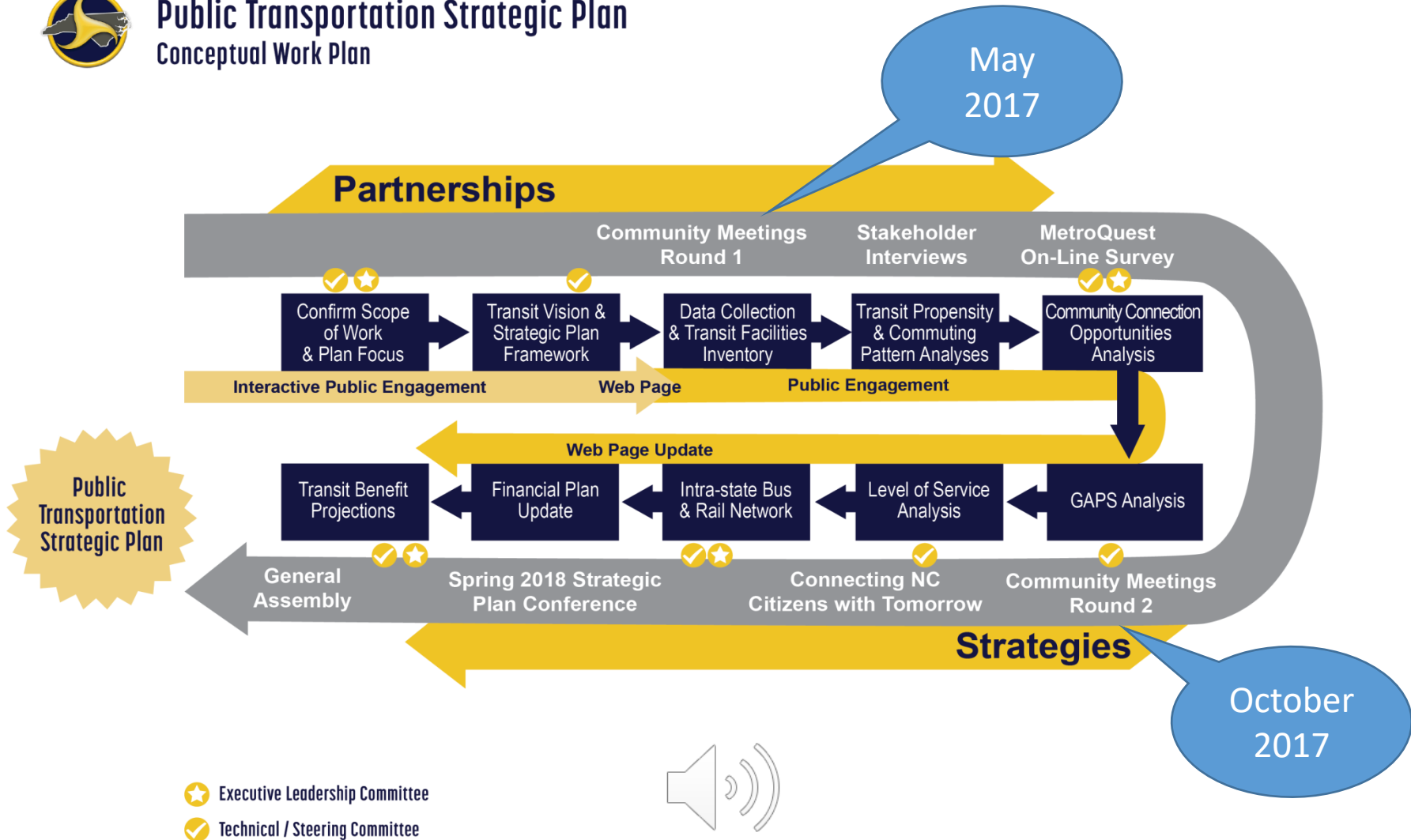
Strategic Plan Desired Outcomes



- Convenient, affordable and accessible statewide public transportation network
- Phased plan – both incremental and long range
- Strengthened state, regional and local partnerships
- Sustainable funding
- High-functioning network that leads to increased transit ridership



Public Transportation Strategic Plan Conceptual Work Plan



Your Vision

for Public Transportation in North Carolina



Category	# Responses	Examples
Extent of Transit System	37	No-borders, Ubiquitous, Regional, Rural, Growing
Service Characteristic	37	Frequent, Multi-modal, Fast, Innovative
Connected / Opportunity	28	Connected, Seamless, Coordinated, Options
Customer Experience	28	Easy, Convenient, Useful, Liberating
Accessible / Inclusive	23	Accessible, Inclusive, Critical, Lifeline
System Characteristic	21	Effective, Efficient, Successful
Service Specific	18	Light rail, High-Speed Rail, Commuter-Rail, Greenways
Fares and Affordability	9	Affordable, Single pay, Free
Total Responses	206	

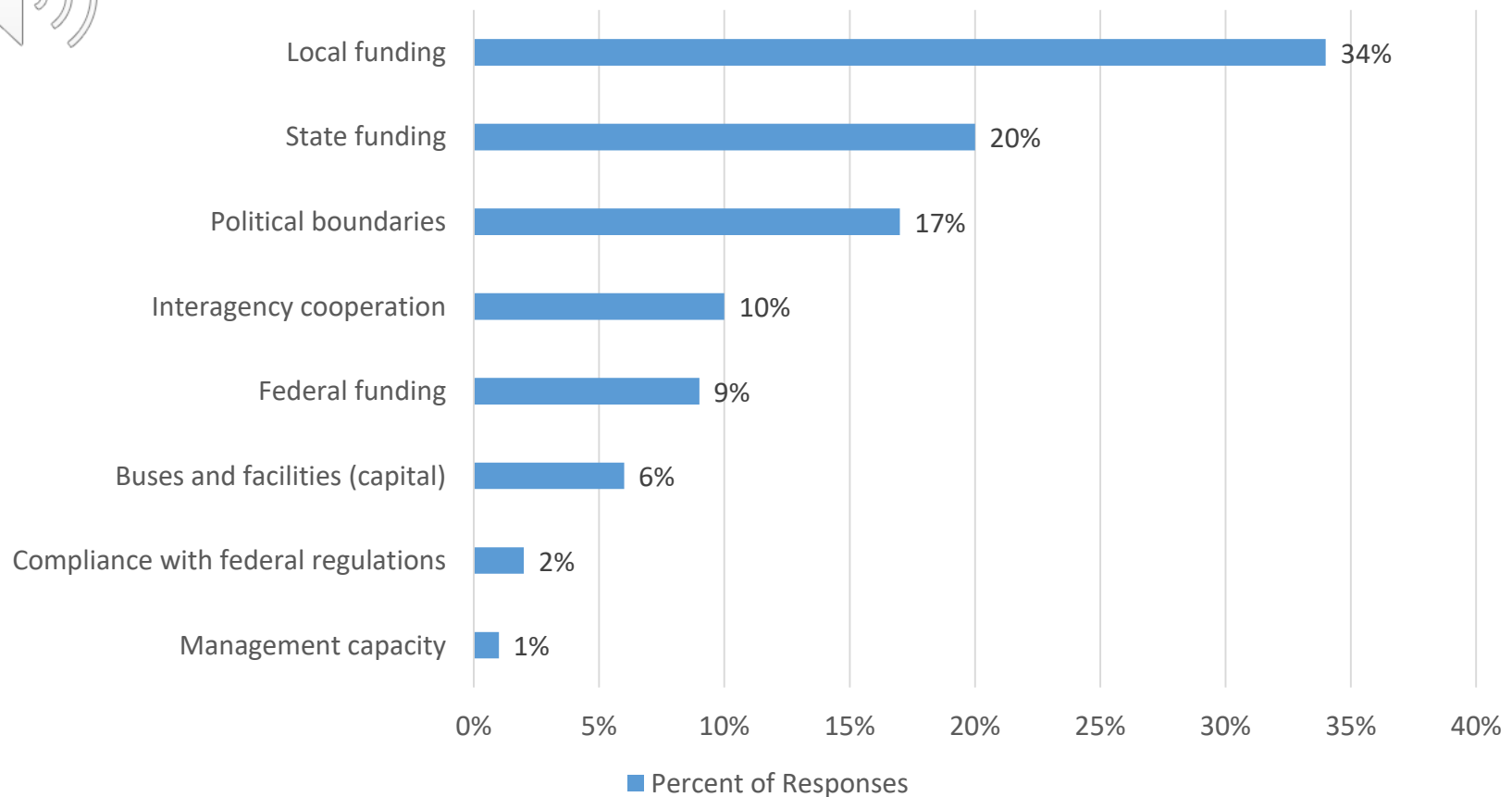
May 2017 Community Meetings – 301 attendees

Greatest Challenge

Facing Public Transportation in North Carolina



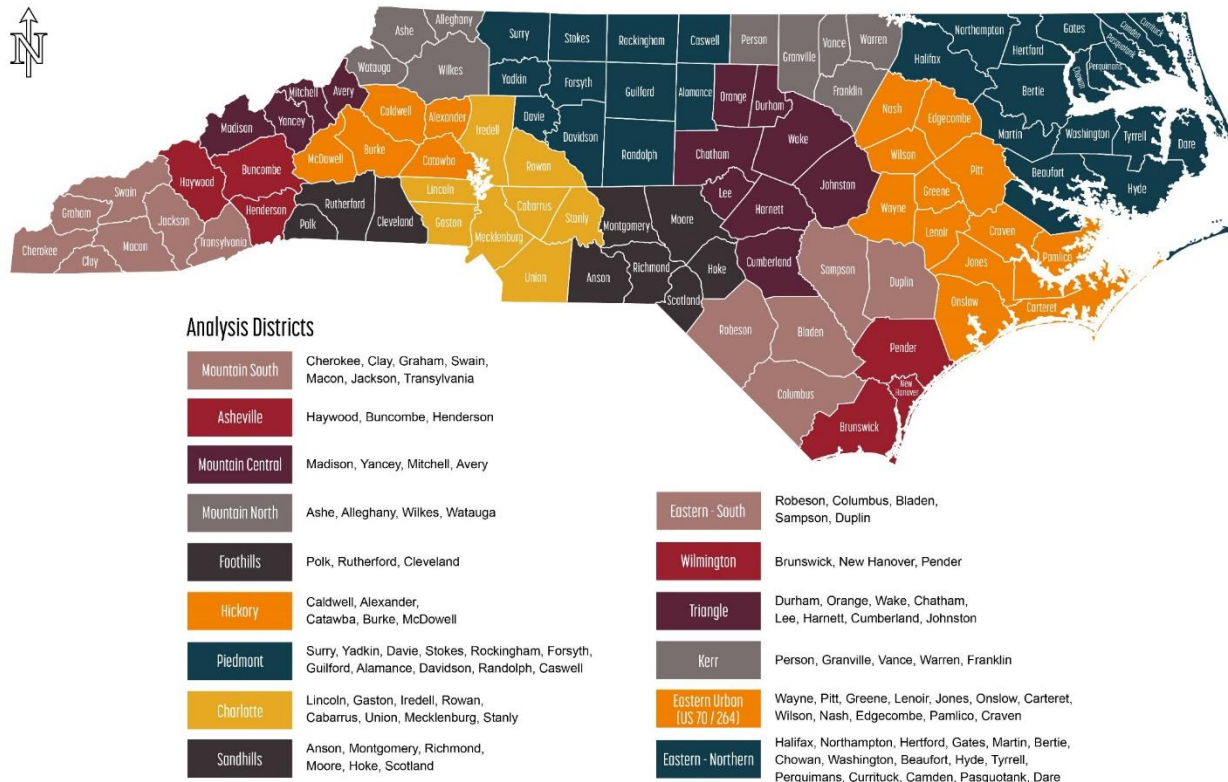
Percent of Responses



May 2017 Community Meetings – 301 attendees

Transit Markets Analysis

- 15 analysis districts for commuting patterns and opportunity analysis



Travel Market Observations

- There is a strong market for local transit services, especially in the larger urban areas
- Travel patterns are regional for work, education and services
- Longer distance regional commuting markets exist in many regions
- Access to healthcare and community colleges requires longer distance trips
- Service area boundaries create barriers to opportunities
- There are emerging markets where new local bus services may be warranted



Draft Vision and Missions

Vision: *Connecting North Carolinians to Opportunities*

Missions:

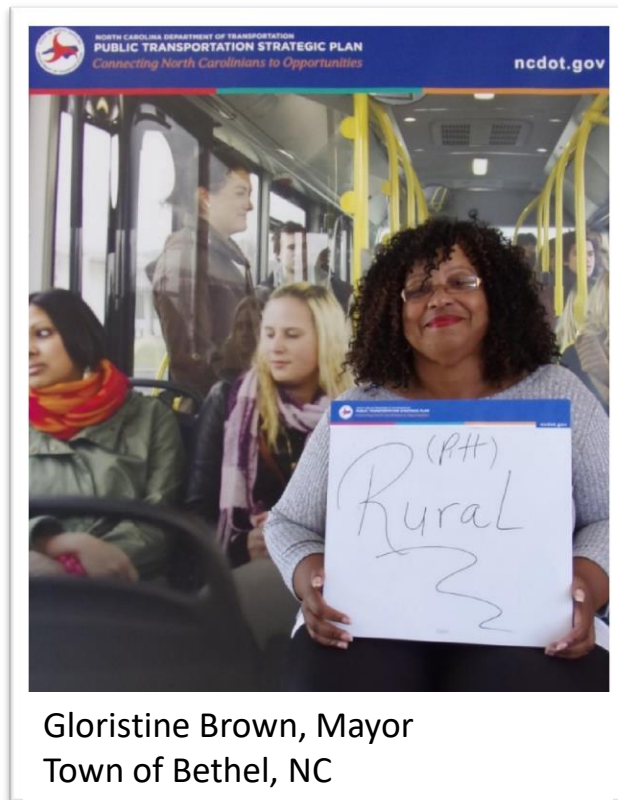
- Deliver a seamless frequent transit network that provides North Carolinians convenient access to employment, education, healthcare and recreation
- Improve the State's Quality of Life by:
 - Supporting economic development
 - Promoting healthy choices
 - Enabling independent living
 - Providing equality of access
- Increase Peak Period Capacity for Major Corridors



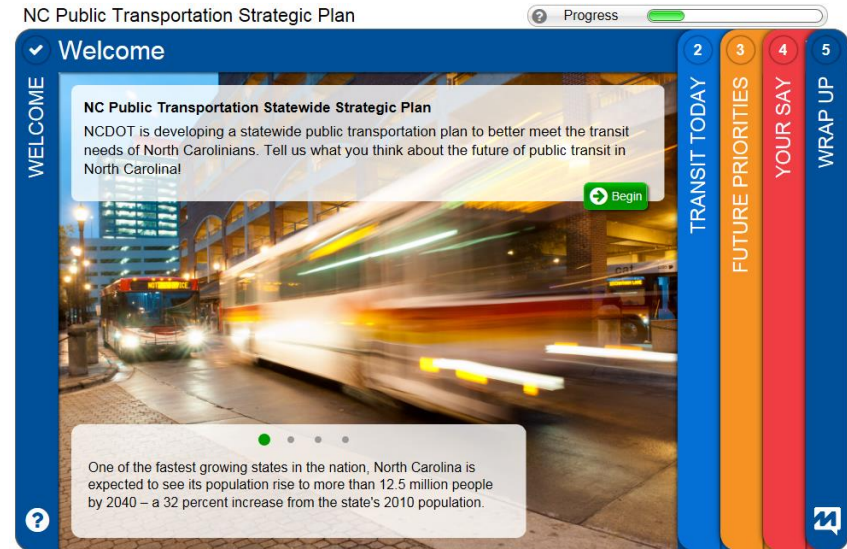
Join us in Community Outreach



MetroQuest Online Survey



Gloristine Brown, Mayor
Town of Bethel, NC



<https://www.ncdot.gov/nctransit/strategicplan/>

Are you in the transit picture?

- October 2017 Community Meetings
- March 2018 Strategic Plan Summit

Round 2 - Community Meetings	Date	Location
Northeastern (12:30 p.m. to 3:30 p.m.)	10/2/17	Pitt County Agricultural Extension Auditorium 403 Government Circle, Suite 2 Greenville, NC 27834
Southeastern (12:30 p.m. to 3:30 p.m.)	10/4/17	Bladen Community College Auditorium 7418 Highway 41 West, Dublin, NC
Technology (9:30 a.m. to 11:30 a.m.)	10/5/17	Research Triangle Foundation Meeting Rooms A&B 12 Davis Drive Durham, NC 27709
Triangle (12:30 p.m. to 3:30 p.m.)	10/5/17	Research Triangle Foundation Meeting Rooms A&B 12 Davis Drive Durham, NC 27709
Charlotte / Gastonia / Kannapolis (12:30 p.m. to 3:30 p.m.)	10/16/17	Rowan-Cabarrus Community College - South Campus Building 1000 (Main Building) Rm 106 (Comm. Rm) 1531 Trinity Church Road Concord, NC 28027
Mountain North (12:30 p.m. to 3:30 p.m.)	10/17/17	Blue Ridge Energy 2491 US Hwy 421 South Boone, NC 28607
Land Use (9:30 a.m. to 11:30 a.m.)	10/18/17	Piedmont Authority for Regional Transportation (PART) Board Room 107 Arrow Road Greensboro, NC 27409
Piedmont (12:30 p.m. to 3:30 p.m.)	10/18/17	Piedmont Authority for Regional Transportation (PART) Board Room 107 Arrow Road Greensboro, NC 27409
Mountain South (12:30 p.m. to 3:30 p.m.)	10/19/17	Asheville-Buncombe Tech Community College Conference Center, Room B 340 Victoria Road Asheville, NC 28801



Local Board Comments

- Why is transit important to your community?
- How can we build stronger and more effective partnerships?
- What programs or initiatives should be included in the Strategic Plan?





PUBLIC TRANSPORTATION

STRATEGIC PLAN

Connecting North Carolinians to Opportunities



Debbie Collins, Director
Public Transportation Division

dgcollins1@ncdot.gov

919-707-4684

Jim Ritchey

WRA

jritchey@wralp.com

404-433-1379

<https://www.ncdot.gov/nctransit/strategicplan/>

TCC Responses/Draft CAMPO Comments

- Additional funding contributions for operating assistance and capital replacement and expansion projects from the State of North Carolina for public transportation should be provided.
- Additional capacity and opportunities for local governments to raise revenue for public transportation should be enabled in State legislation.
- State funding should be more available with a greater degree of certainty to support **the phased and incremental construction of high capacity fixed guideway networks**, including those that facilitate bus rapid transit (BRT) and commuter rail transit (CRT) travel.
- The technical capacity of the North Carolina Department of Transportation – Public Transportation Division (NCDOT-PTD) should be expanded to assist local transit agencies with their needs and compliance issues. NCDOT-PTD needs more and better paid staff resources to provide the level of technical assistance and support necessary.

8.4 NCDOT Public Transportation Strategic Plan

Requested Action:

Receive as information, provide any additional feedback to the questions posed, and consider approval of the feedback to be forwarded to
NCDOT-PTD

8.5 Wake Transit Implementation Update

8.5 Wake Transit Implementation Update

Progress On FY 2018 Work Plan Implementation

- **Bus service improvements implemented August 6th**
- **GoRaleigh Sunday bus ridership grew ~72% by second Sunday (+2,600 boardings)**
- **TPAC Administrator Hired – Adam Howell**
- **Other staff being recruited – Raleigh, Cary, GoTriangle**
- **Reporting will begin in October**
- **MYBSIP underway and MIS kicked off**

Wake Transit Implementation Planning Task Progress

Task	Status	Anticipated Completion
Public Engagement Strategy	Review of First Draft of Strategy Underway	October
Staffing Model and Expectations Plan	Review of Recommended Staffing Needs and Agency Allocation Underway	October
Community Funding Area Program Management Plan	In Peer Review and Stakeholder Input Phases	March/April 2018
Multi-Year Bus Service Implementation Plan	<p>Project prioritization policy and project-level decision-making structure development underway</p> <p>First phase of public engagement to be deployed in October in development</p>	Late Summer/Early Fall 2018
Transit Corridors Major Investment Study	<p>Kickoff held late August</p> <p>First phase of public engagement to be deployed in October in development</p>	Late Summer/Early Fall 2018

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

Preliminary Revenue Assumptions for FY 2019 Work Plan

FY19 MODELED Tax District Revenues	
½ Cent Local Option Sales Tax (4%)	\$86,166,000
Vehicle Rental Tax (2.5%)	\$3,974,000
\$7.00 Vehicle Registration Tax (2%)	\$6,030,000
\$3.00 Vehicle Registration Tax (2%)	\$2,585,000
Subtotal Local:	\$98,755,000
Federal (Bus Operations)	\$1,960,000
State (Capital – Bus Purchase)	\$918,000
New Farebox	\$369,000
Debt Proceeds	\$19,477,0000
Prior Year Funds (Capital Liquidity)	\$44,435,000
Total FY 2019 Modeled Sources	\$165,914,000

8.5 Wake Transit Implementation Update

Requested Action:
Receive as information

10. Informational Items: Budget

10.1: Member Shares - FY 17

10.2: Operating Budget - FY 17

Requested Action:

Receive as information

11. 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

12. 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

Quadrennial Certification Review

- **Joint review by FHWA/FTA completed every four years**
- **Review, evaluate, and certify the transportation planning process**
- **Completed during spring of 2017 (prior review completed in 2013)**
- **Summary Findings:**
 - **Six Commendations**
 - **One Recommendation**
 - **No Corrective Actions**

**** Full Certification Review report is available on CAMPO website**

12. 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
Sept. 24, 2017	Capital Area Ride for Safety Raleigh, NC www.carsride.org
Sept. 26-29, 2017	NCAPA Annual Conference Greenville, NC
Sept. 30, 2017 1:00 – 4:00 pm	Tri-Creek Greenway Crawl The Ribbon cutting ceremony will be held at 3501 Fountain Drive Wake Forest, NC 27587

Date	Event
Oct. 1-3, 2017	Southeast Greenways & Trails Summit Durham, NC
Oct. 4, 2017	International Walk to School Day
Oct. 5, 2017 10:00 – Noon	TCC One City Plaza 421 Fayetteville Street, Suite 203 Raleigh, NC 27601
Oct. 17-20, 2017	National AMPO Savannah, GA

Date	Event
Oct. 18, 2017 4:00 – 6:00	Executive Board One City Plaza 421 Fayetteville Street, Suite 203 Raleigh, NC 27601
Nov. 2, 2017 10:00 – Noon	TCC One City Plaza 421 Fayetteville Street, Suite 203 Raleigh, NC 27601
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

ADJOURN