

NC Innovations in Transit

Leading with Mobility Innovations to enhance
North Carolinas' Communities!

Initiative Development Committee Kickoff Meeting

February 26, 2020



Integrated Mobility Division
N.C. DEPARTMENT OF TRANSPORTATION



Agenda

Welcome and Introductions

Overview of the Project

Overview of Roles and Responsibilities of Committee Members

Overview of Project Schedule



Welcome

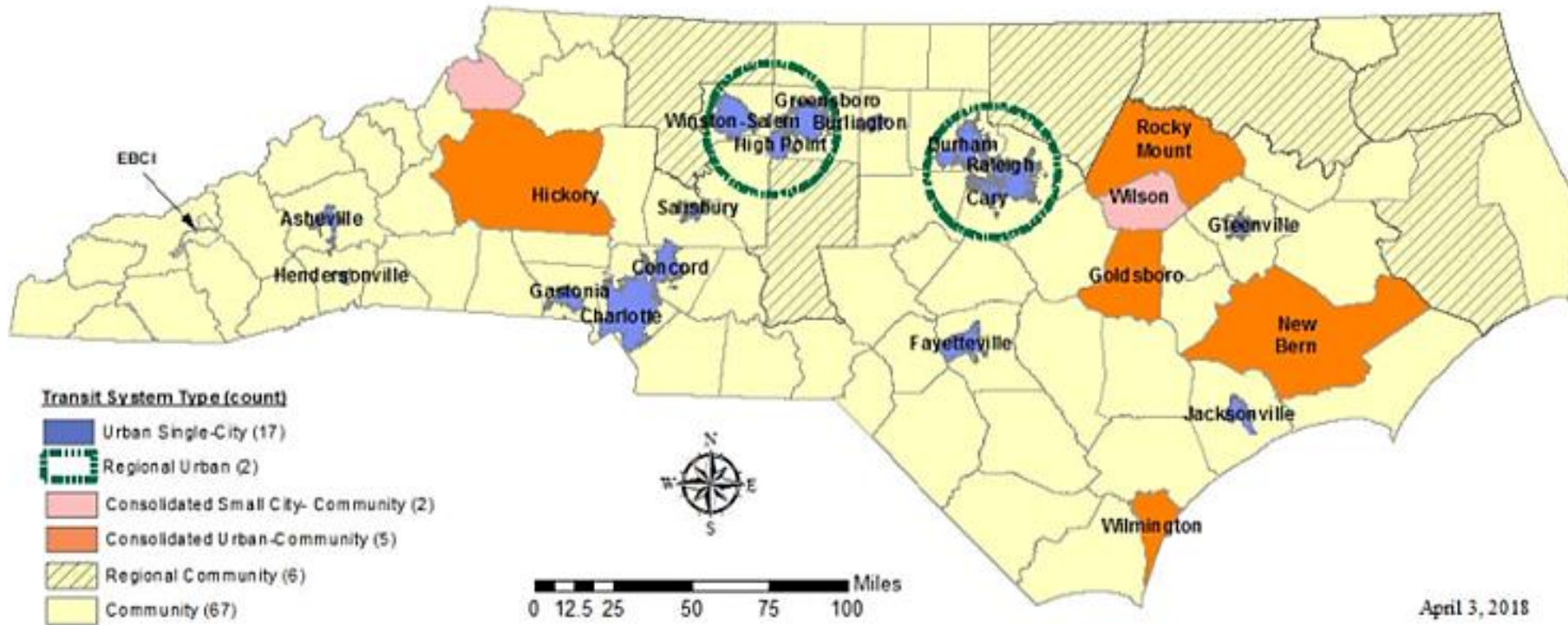
- Introductions
- Remarks by **Julie White, NCDOT Deputy Secretary for Multimodal Transportation**

In North Carolina, local and regional public transportation systems fill this need by providing safe, reliable, and affordable transportation options and services to citizens to reach their desired destinations.

The Four Key Building Blocks for this Initiative

- 2018 Public Transportation Strategic Plan
- NC Moves 2050
- New Integrated Mobility Division
- Recent NC Transportation Summit – focus on innovation and technology

Public Transportation Systems in North Carolina by Category



NC Public Transportation Highlights (FY 17):



Local & Regional Systems – 18 Urban
17 Community/Urban
63 Community



6M+ Hours of Service



7.1M Passenger Trips

3.5 urban
2.5 rural



\$421.8M Hours of Service

Initiative Development Committee Members

- **Julie White** – NCDOT
- **Hanna Cockburn** – NCDOT
- **David Howard** – NCDOT
- **Nina Szlosberg-Landis** – NCDOT
- **Bruce Adams** – City of Greensboro/GTA
- **David Eatman** – City of Raleigh/
GoRaleigh
- **LJ Weslowski** – Concord Kannapolis Area
Transit
- **Sheila Blalock** – Mitchell County
Transportation
- **Kerry Giles** – Rutherford County
- **Shelley Blake Curran** – GoTriangle
- **Irma Zimmerman** – Rutherford County
- **Brian Litchfield** – Orange County/
Chapel Hill Transit
- **Todd Gardner** – Nash County/Tar River
Transit
- **Anthony Prinz** – City of Jacksonville
- **Vanessa Lacer** – Cape Fear Public
Transportation Authority (Wave Transit)
- **David Rhew** – NCPTA

Project Overview – Purpose



NCDOT, through NCIT, will convene and lead a collaborative statewide planning and research process beginning in early 2020 engaging representatives from all (98) NC transit systems, NCDOT leadership, IMD staff, and other key stakeholders to help develop and implement mobility innovations.

This project will research and identify both existing and new Transit innovation strategies such as emerging technologies, innovative Transit service delivery methods, and new mobility options that will help make NC Transit systems and services more effective and efficient.



Project Overview – Objectives

- ▶ Review, discuss, and agree on known problems and issues facing NC Transit systems
- ▶ Share and document various local innovation strategies and solutions already being deployed or planned by NC Transit systems to help promote idea exchange and implementation
- ▶ Identify, research, and agree on up to three innovation ideas/priorities for each system type (urban, community/urban, and community)
- ▶ Develop summary implementation plans for each idea/priority to help benefit individual systems and the State (NCDOT will use the implementation plans to determine potential initiative funding/deployment support in 2020)

Project Overview – Process and Products

- ▶ Invite leaders from all 98 NC Transit Systems to participate
- ▶ Conduct three (3) engaging meetings to accomplish work (April, June, September):
 - Established meeting schedule, location rotation, and engaging work agendas
 - Interesting keynote speakers and lunch
 - Robust project input, information sharing, and follow-up with participants
- ▶ Products:
 - Existing innovations idea exchange document
 - Final project document – new ideas and summary implementation plans

Project Overview – Outcomes



The outcomes of the process will:

▶ Provide the State with an informed understanding of transit innovation strategies that can be used to enhance local public transportation systems and services



▶ Promote relationship building, idea exchange and technology transfer between local public transportation systems



▶ Provide an opportunity for the State to identify future investments options to help support the implementation of the new transit innovation strategies



Roles and Responsibilities



Attend
Committee
Meetings



In person or
by phone



Provide overall initiative oversight, input, and support

- Represent your geography and system type
- Share your expertise on problems and issues facing NC transit systems
- Speak to your knowledge on specific innovation and technology applications that you might have already implemented or be thinking about for your transit system and services
- Encourage colleagues to participate!

2020 Schedule

Kick Off Meeting
GREENSBORO

Work on It Meeting
CONCORD
(in conjunction with NCPTA Conference)

Launch It Meeting
RALEIGH or Hometown Strong County

April May June July August September October

Initiative Development
Committee
Meeting
RALEIGH

Initiative Development
Committee
Meeting
RALEIGH

Initiative Development
Committee
Meeting
RALEIGH

What are you currently doing that is Innovative? What Innovations would you like to learn about?

Customer Experience

Example: Mitchell County driver training with weights in shoes/scratched safety goggles to simulate mobility and vision impairments

I would like to learn about:

- Innovations for customer contact centers
- New Passenger Information Systems; “Where is my ride?”

Mobility as a Service/Integrated Mobility

Example: GoCary microtransit pilot project

I would like to learn about:

- How to inform and help customers choose between transit, rideshare and bicycle options for their trip

Regional Coordination

Example: Provision of service across county lines

I would like to learn about:

- Strategies to partner regionally to improve service for customers

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Asset Management

Example:

I would like to learn about:

- New CAD/AVL systems with diagnostics and preventative maintenance tools

Safety and Security

Example:

I would like to learn about:

- New Collision Avoidance systems with 360 vehicle monitoring

Other

Example:

I would like to learn about:

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Example:

I would like to learn about:

Visioning

Imagine yourself at the conclusion of this Innovations in Transit project in October. What would you consider a successful outcome to this initiative?