



NORTH CAROLINA
Department of Transportation



NCDOT Research & Innovation Summit

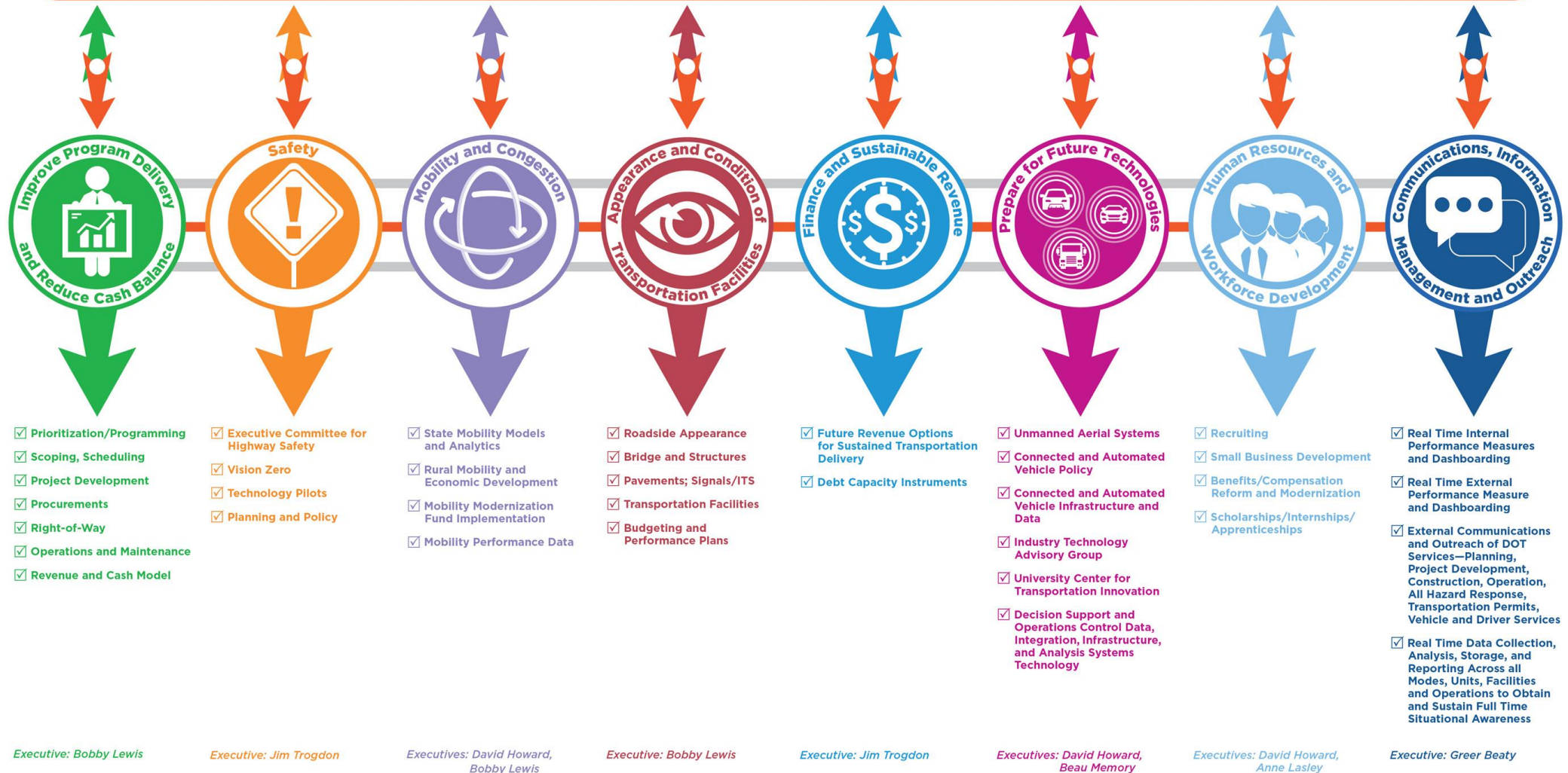
Chief Deputy Secretary David L. Howard

May 7, 2019

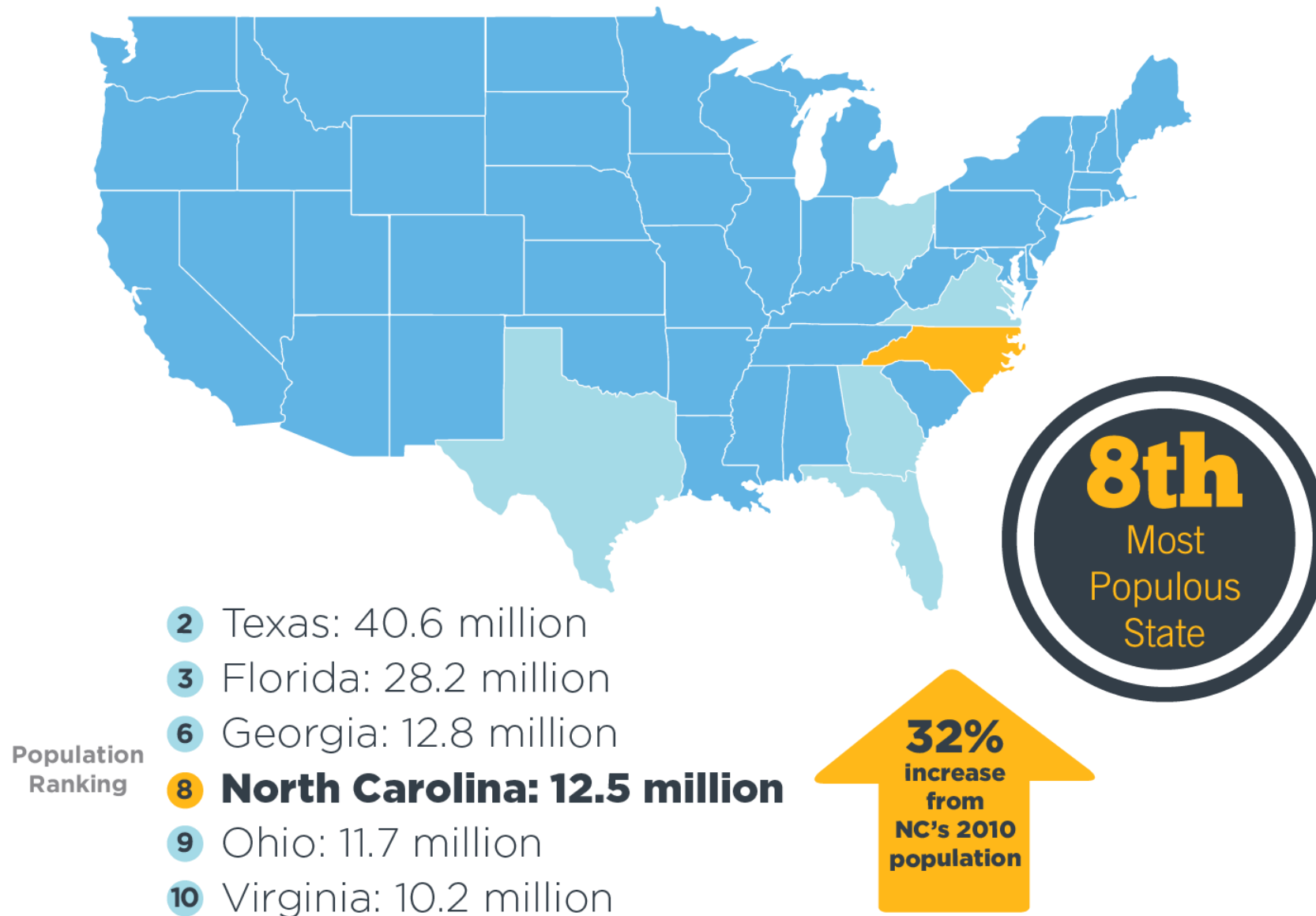
NCDOT Priorities and Work Groups

Better Transportation Service for North Carolina

Our Mission: Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.



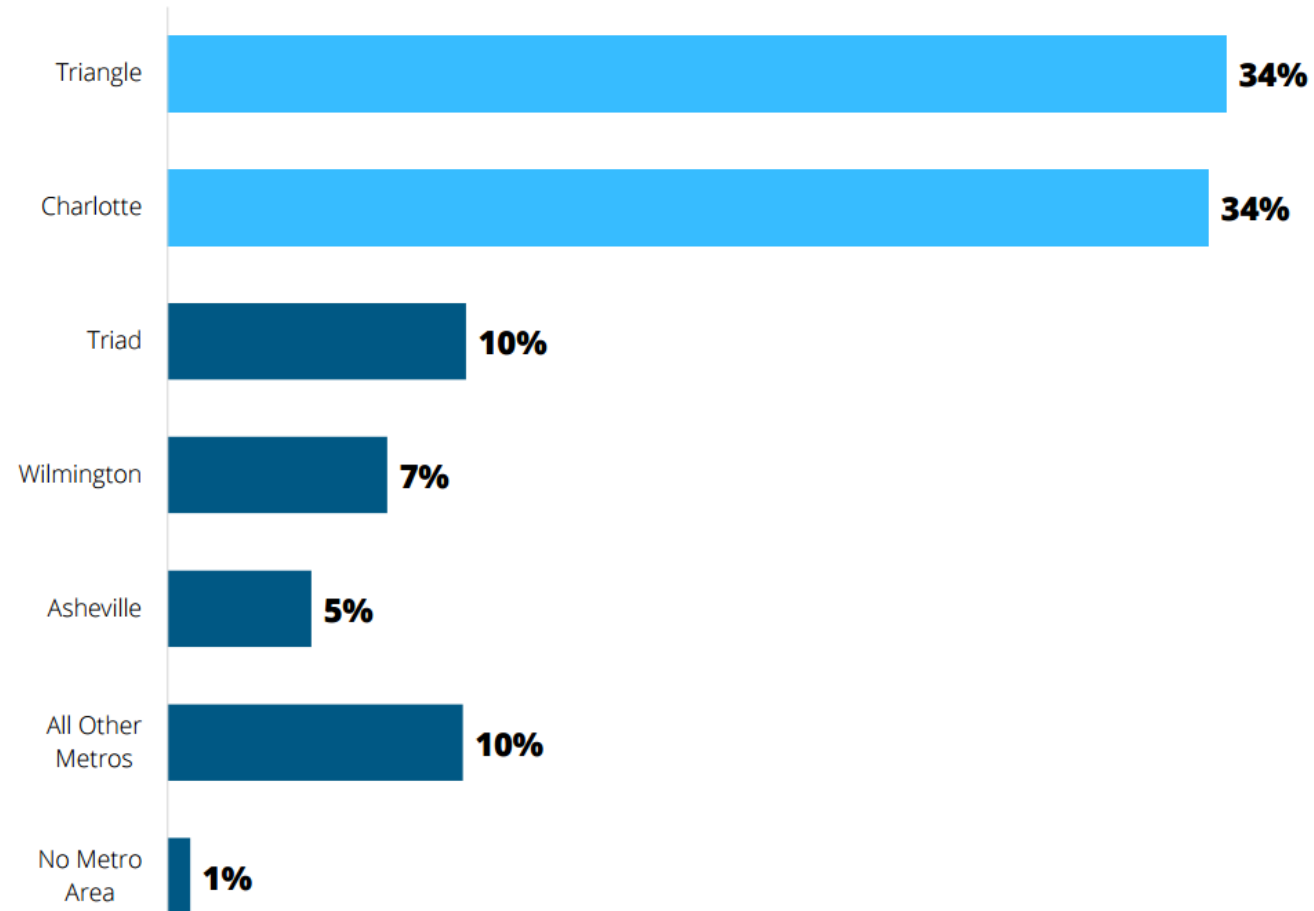
Expected Population Growth by 2035



NC Demographics

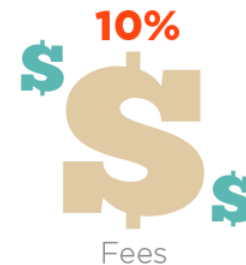
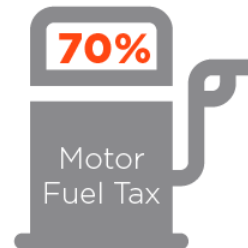
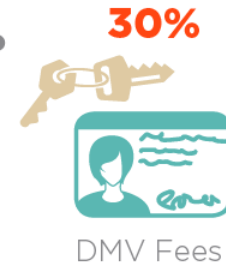
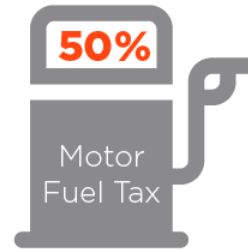
Two-thirds of NC growth projected to occur in Triangle or Charlotte

Projected share of 2010-2035 state population growth for select North Carolina metropolitan areas



Data Source: NC OSBM

Overly Dependent on Motor Fuels Revenue for Primary Funding



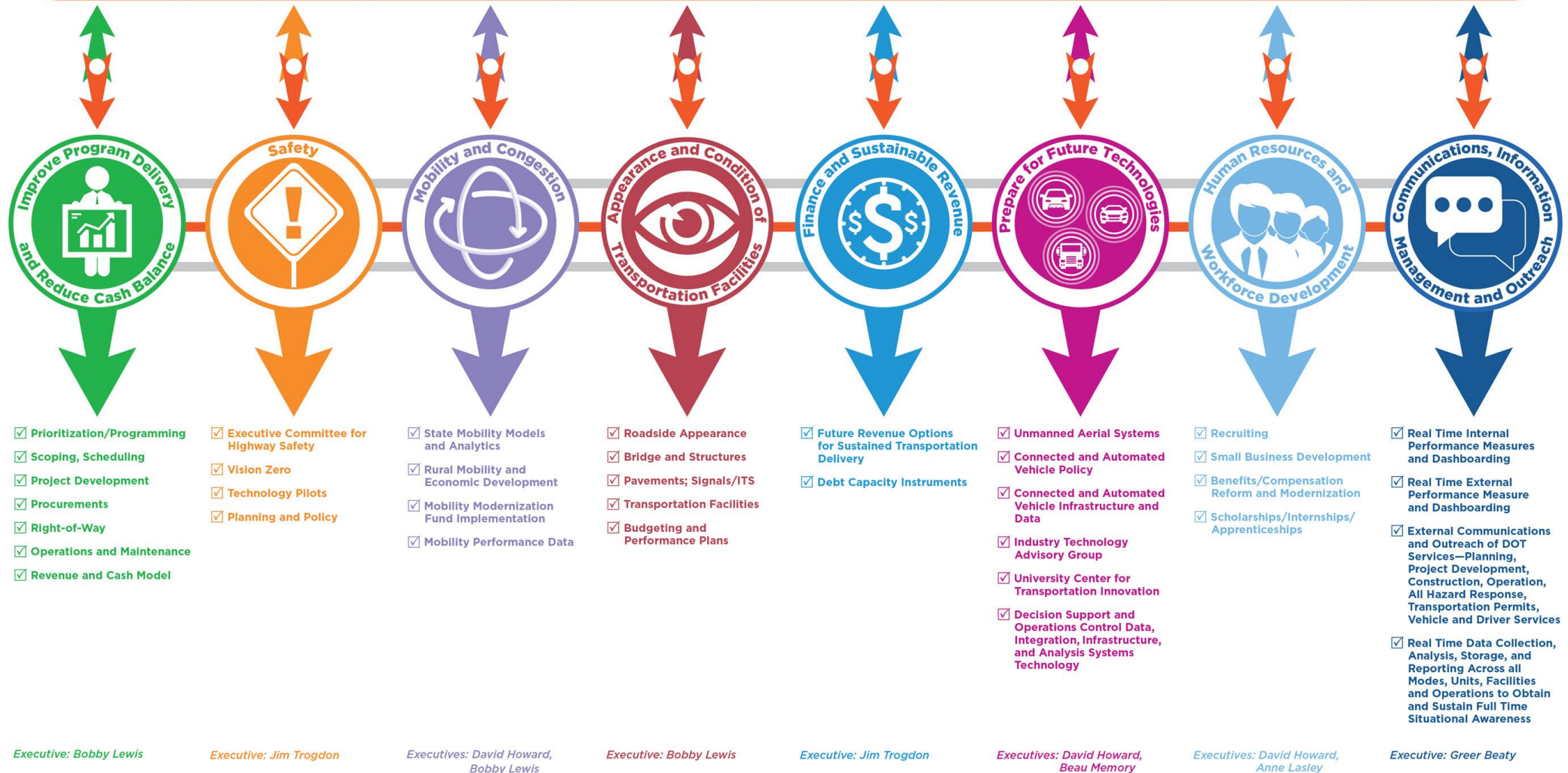
NC FIRST (Future Investment Resources for Sustainable Transportation) Commission

- Scope: To study and recommend methods for future transportation investment
- Schedule: Begin March 2019. Quarterly meetings until January 2021
- Composition: Economists, representatives of Financial, Government, and Business sectors
- Outcome: Report and Recommend methods to NCGA by January 2021

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Primary Directives

- Assess where we are in these areas through an initial SWOT analysis
DONE
- Establish short term, midterm and long-term goals and objectives **DONE**
- Establish specific work streams with teams across our organization to develop specific plans/programs/projects/policies to meet our goals and objectives **DONE**
- Engage internal and external resources in a systematic process to allow considerable innovation within our organization beyond that achievable through only a few leaders within a small number of divisions/units/offices
IN PROCESS
- Reevaluate SWOT on an annual or biannual basis
- Reevaluate and re-prioritize goals and objectives based on success of implemented projects, SWOT analysis and work groups and work streams will meet monthly (minimum)
- On a scheduled basis, solicit feedback and input from throughout the department (aim for organization input and buy-in)

SIX WORKSTREAMS

1. Beyond Surface Transportation / Unmanned Aerial Systems
2. Connected and Automated Vehicle Policy
3. Connected and Automated Vehicle Infrastructure and Data
4. Industry Technology Advisory Group
5. University Center for Transportation Innovation
6. Decision Support and Operations Control Data, Integration, Infrastructure, and Analysis Systems Technology



August 11-13, 2019



Moving from Vision to Reality at the Speed of Change

January 8-9, 2020