State of Maintenance

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AASHTO – Committee on Maintenance, 7/23/18
Maintenance Overview

- Past: Historical Reference
- Present: NCDOT System Size and Funding
- Future: Challenges and Opportunities
Past: North Carolina 1929

• Rural – Population: 3 Million
• Industry
  – Agriculture (tobacco, cotton – cash crops)
  – Textiles
  – Furniture
Past: North Carolina History

• Governor O. Max Gardner Inaugurated January, 1929
  – State Maintained Miles: 7,444
• October 29, 1929
• Summer 1930:
  – Brookings Institution “think tank”
  – State-sponsored study of NC state and county roads
Past: North Carolina History

Governor Gardner 1931 proposal for the State Highway Commission:
- 45,000 miles of existing roads
- County prisoners and prison camps
- County owned road-building equipment
- Increase gas tax by 1 cent (up to 6 cents/gallon)
Past: North Carolina History

1931 New Fiscal Year, New Focus

- June 30th  9,000 miles
- July 1st  54,000 miles
- $6 Million on Maintenance
Present: North Carolina 2018

- Rural and Urban – Population: 10.1 Million
- Industry
  - Agriculture
  - Textiles
  - Furniture
  - Aerospace & Defense
  - Automotive & Heavy Machinery
  - Biotechnology & Pharmaceuticals
  - Business & Financial Services
  - Energy
  - Information Technology
  - Plastics & Chemicals
Present: North Carolina

2018 New Fiscal Year, Renewed Focus

- 80,000 centerline miles
- 13,500 bridges
Present: North Carolina

2018 New Fiscal Year, Renewed Focus

• General Maintenance Reserve - $323 Million
• Pavement Preservation - $97.8 Million
• Contract Resurfacing - $507 Million
• Bridge Preservation – $82.3 Million
• Bridge Program - $282.7 Million
• Roadside - $101.3 Million

$1.4 Billion
Present: North Carolina

- Condition
- Life Cycle
- Inventories
- Defined Plans
Expected Population Growth by 2035

1. Texas: 40.6 million
2. Florida: 28.2 million
3. Georgia: 12.8 million
4. North Carolina: 12.5 million
5. Ohio: 11.7 million
6. Virginia: 10.2 million

North Carolina is ranked 8th among the most populous states in 2035, with an estimated population of 12.5 million. This represents a 32% increase from the state's 2010 population.
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

- Triangle: 34%
- Charlotte: 34%
- Triad: 10%
- Wilmington: 7%
- Asheville: 5%
- All Other Metros: 10%
- No Metro Area: 1%

Data Source: NC OSBM
Future: NC BUILD

• NC is growing and changing
• Multiple tools are necessary to meet immediate as well as future needs
• Accelerated project delivery has strong economic impact and enhances NC’s economic competitiveness
• BUILD NC will support highest priority projects in rural AND urban locations
Maintenance Summary

• Past
• Present
• Future

Questions?