



NORTH CAROLINA
Department of Transportation

Maintenance Funding

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NCDOT Revenue and Funding for Projects Lunch and Learn Webinar



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

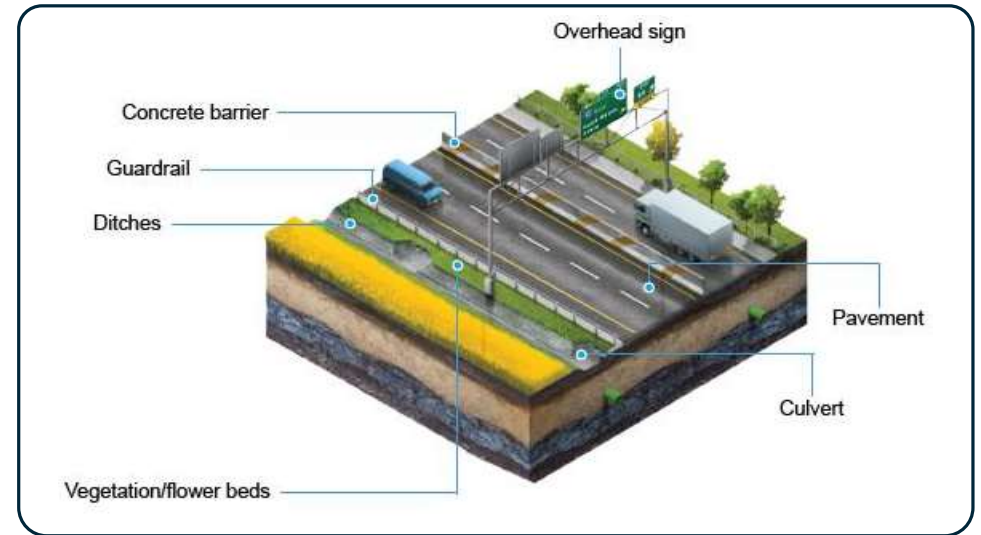
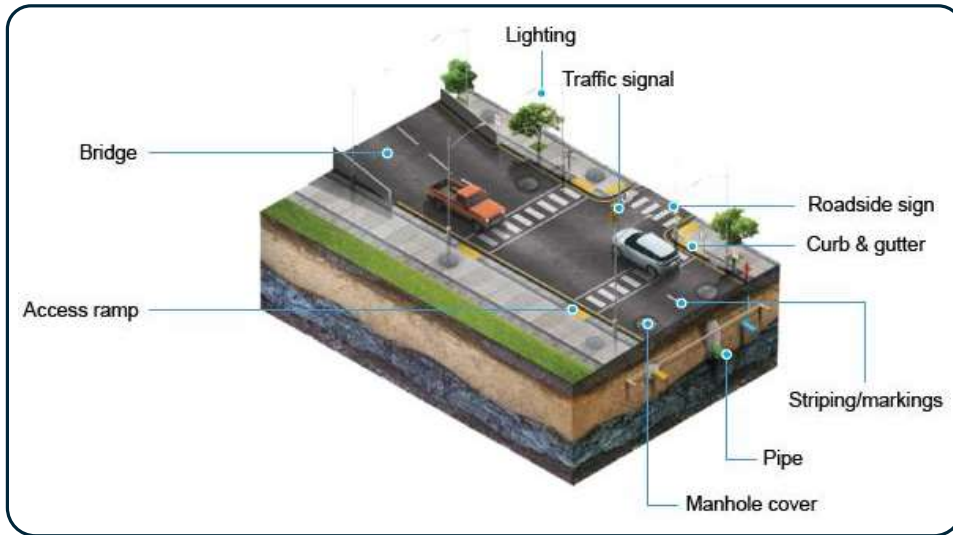
What we will cover

The big questions on maintenance and operations

- What are our assets?
- What is our funding?
- Planned Maintenance
- Reactive Maintenance
- Allocations
- Summary

Assets

Our asset portfolio is large and varied



Structural Assets

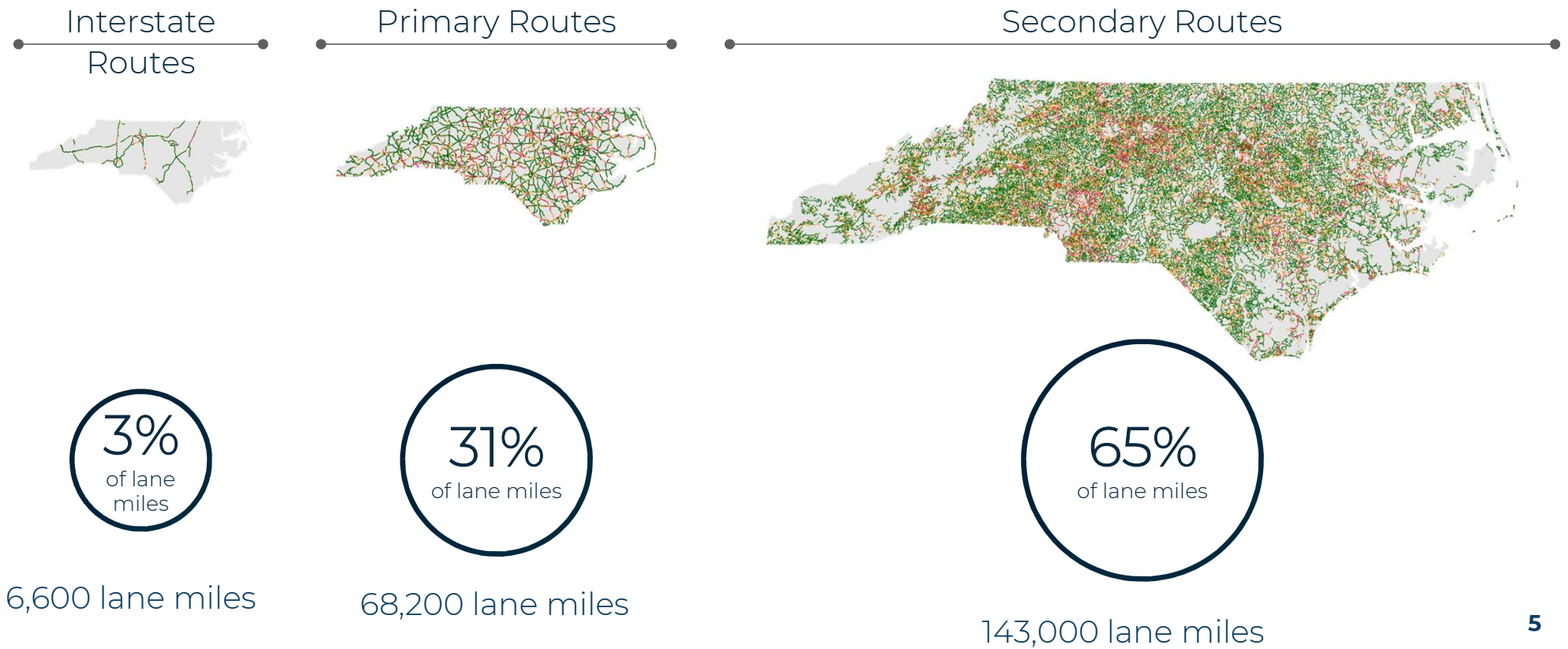
- 220,000 lane miles of pavement
- 13,600+ bridges (deck area of ~120M sft.)
- 300,000 pipes

Functional Assets

- 850,000 road signs
- 150,000 roadway lights
- 110,000 traffic signals
- 120,000 drop inlets
- 2,000 miles of curb and gutter
- 4,000 shoulder-miles of guardrails and barriers

1. Approximate number of assets based on latest pavement and pipe surveys, in addition to 2022 asset inventory data for 6 divisions

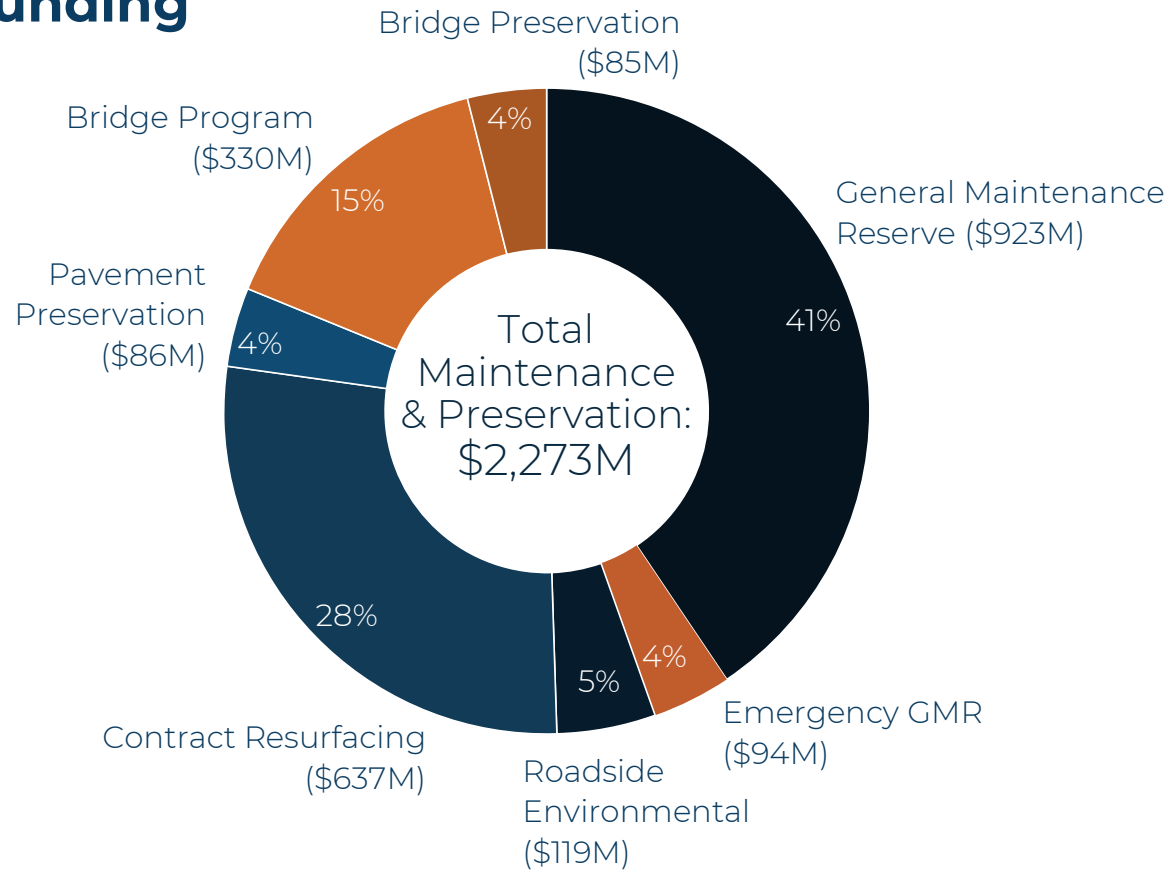
State Maintained Road Network



Funding

Maintenance Funding

FY 2025

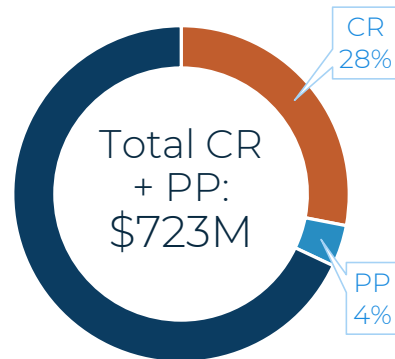


Allocations based on Year 2 of 2025 Biennium Budget (FY 25 includes NR funds)

Contract Resurfacing and Pavement Preservation

- Addresses pavements
- [§136-44.16](#) (Resurfacing)
 - \$637M
- [§136-44.17](#) (Pavement Preservation)
 - \$86M

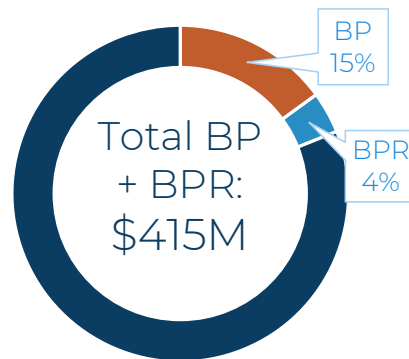
Contract Resurfacing and Pavement Preservation make up a third of the maintenance budgets for FY 2025.



Bridge Program and Bridge Preservation

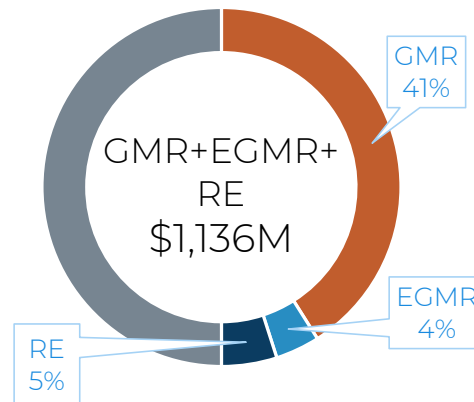
- Bridge Program
 - \$330M
 - [§136-76.2](#)
 - Replacing poor condition bridges
- Bridge Preservation
 - \$85M
 - Preventative maintenance and critical finds

Bridge program and bridge preservation is approximately 20% of the budget for FY 2025.



General Maintenance Reserve (GMR), Emergency GMR (EGMR) & Roadside Environmental (RE)

- GMR
 - \$923M
- E-GMR
 - \$94M
- RE
 - \$119M
 - [§136-28.12](#)



GMR is the largest portion of our maintenance budget at 41% for FY 2025.

Everything BUT pavement and bridges. However, GMR is our flexible fund to supplement other programs as needed.



Maintenance Activities

Planned Maintenance

The MIPS

- Highway Maintenance Improvement Program (Pavements)
 - Contract Resurfacing
 - Pavement Preservation
- Routine Maintenance Improvement Program (Non-Pavements)
 - GMR
 - Roadside Environmental
 - Bridge Preservation
- Bridge Maintenance Improvement Program (Bridges)
 - Bridge Program



Reactive Maintenance

Citizen Action Request System (CARS)

- GMR Funds

Emergencies

- EGMR Funds
 - Snow/Ice Response
 - Hurricanes
 - Weather Events
 - Landslides

Safety

- GMR Funds
 - Damaged Guardrail
 - Damaged Signs

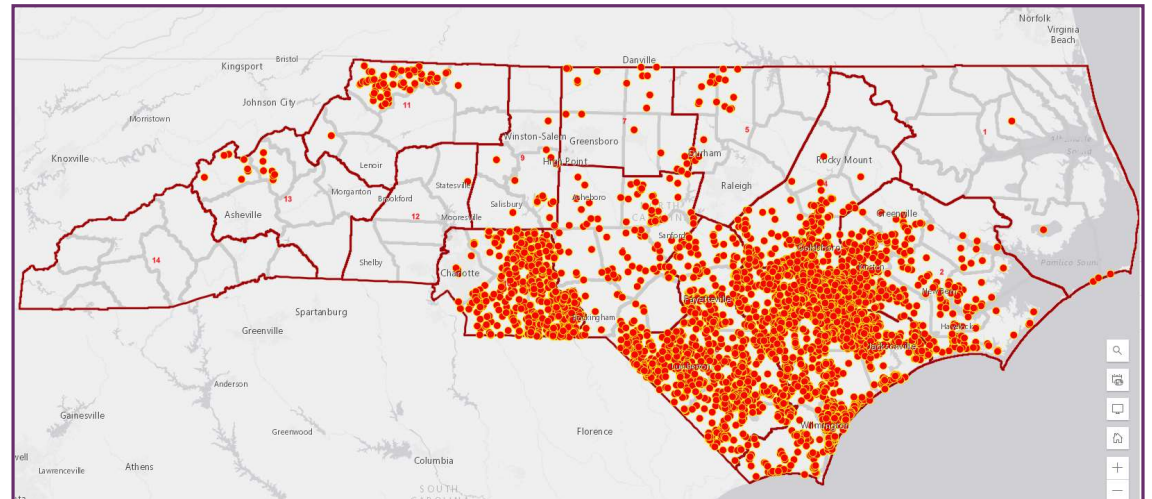


Planning for the Unplannable

Reactive Maintenance

- CARS
 - Requests in 2023 = 57,755
 - 12 requests per Division per day
- Safety Issues
 - Guardrail Repair
 - Downed Signs
- Storm Response
- Snow/Ice Response

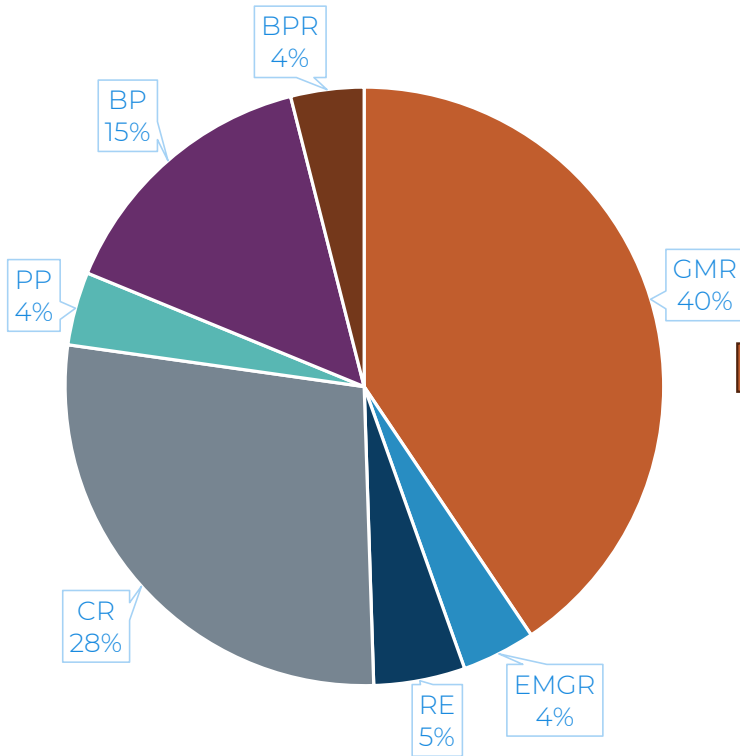
The goal with reactive maintenance is to maintain safety and mobility!



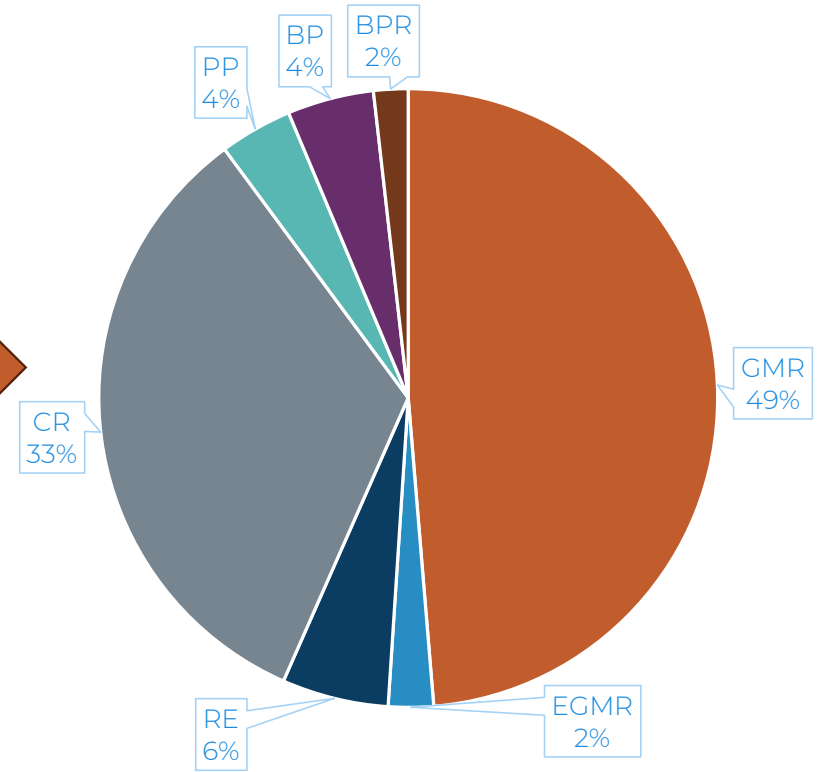
Hurricane Florence Debris Tracker – 3,741 site specific sites recorded across 13 of the 14 divisions.

Allocations

General Assembly Appropriation



Example: Fund Allocation for Division 5



Summary

Planning for our Future

- NC Population – 10.5 Million (Rural and Urban) and growing quickly
- Industry – Building on the past plus Defense, Business, Pharmaceuticals, Energy and Technology
- Over 80,000 centerline miles and 13,500 bridges
- Funding is critical in caring for this infrastructure



Thank you!
