

North Carolina Department of Transportation – Research & Development

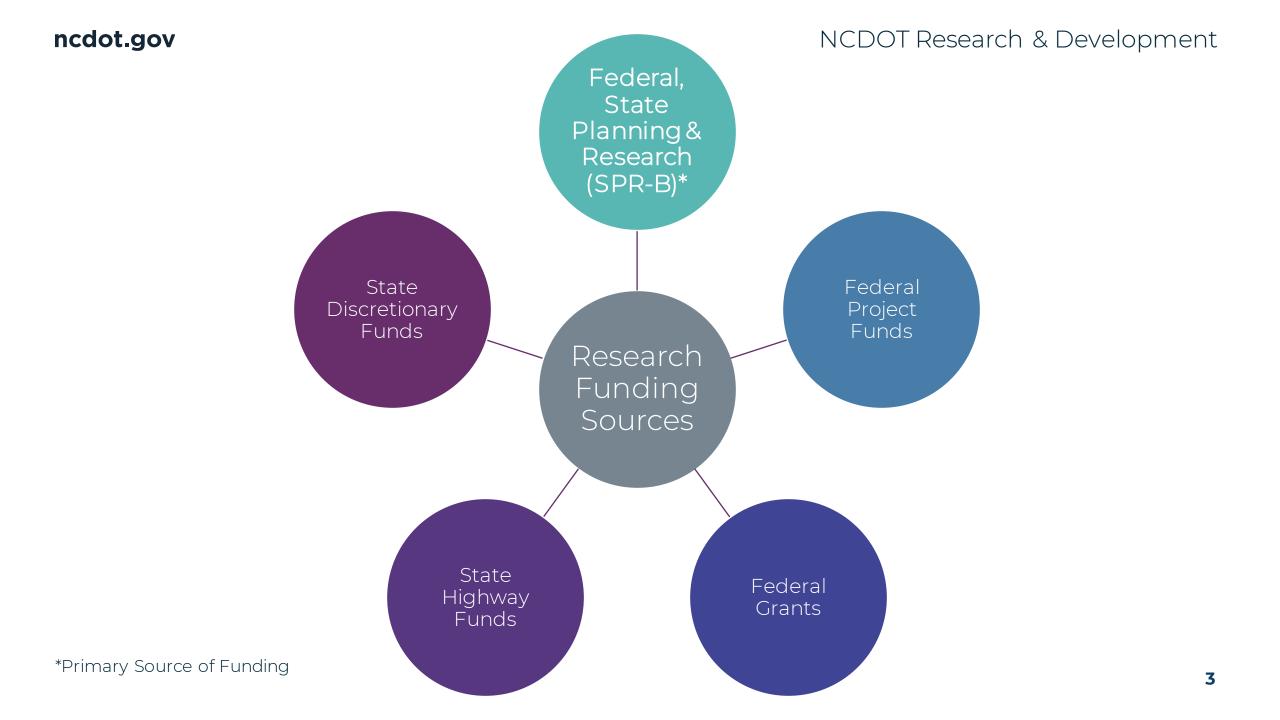
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Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina

Overview of the Research Program





What kinds of projects does NCDOT Research?



Project Selection & Oversight

Research & Development Unit

- · Manages overall program
- · Solicits ideas & proposals
- · Coordinates NCDOT research activities

Research Subcommittees

- · Review ideas and recommend for proposal development
- · Review proposals and recommend to REC for funding

Research Executive Committee

· Reviews and approves recommended annual R&D Work Program

FHWANC Division

· Reviews and approves annual R&D Work Program for SPR Part B funding

Research Subcommittees



Environmental & Hydraulics



Pavement, Operations & Maintenance, Materials



Structures, Construction, & Geotechnical



Traffic, Roadway Design, & Safety



Planning, Programming, Policy & Multimodal

Research Programs



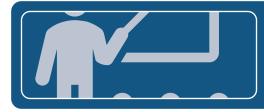
Annual Research Program

· Typically, 18 – 20 Research Projects Annually



Technical Assistance Program

· Short Term Research



Technology Transfer

· Implementation, Training, Workshops, Pilots



Pooled Fund / National Programs

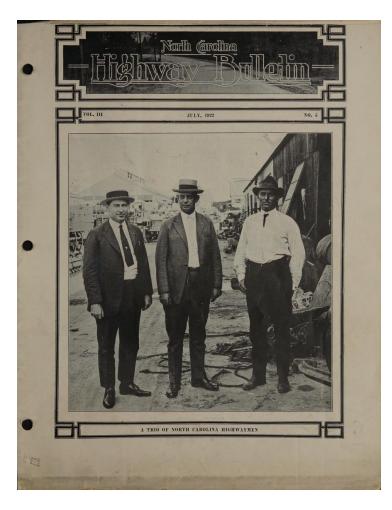
· Coordinated National Research (partnerships with other states)

Universities Engaged In Research





NC DOT Research Library



Located in Century Center, Building B



On-Staff Librarian, Lamara
Williams-Jones provides Reference and Research
Services.



Many engineering and transportation related books, journals, specs and other documents.



Historical information dating back to the 1920s, Our trio of NC Highway Men to the left is from a recent initiative of digitizing <u>historic newsletters</u> from the 1920s.



Board of Transportation Minutes dating back to the 1950s.

Thank you!

https://connect.ncdot.gov/projects/research/Pages/default.aspx

What Makes a Good Research Project?



Collaborate with
NCDOT Subject
Matter Experts (SME)
to clearly articulate
ideas and understand
needs



Lines up with ongoing initiatives and supports DOTs current mission and goals



Clearly articulated methodology: Needs to be useable for NCDOT



Tangible / Useable deliverables (Implementation)

Annual Research Timeline

