2019 FDR Symposium
Enjoy the Ride

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The journey began in 1935

- SC Route 51, Johnsonville, SC
- First ever scientifically-designed cement-stabilized base
- Jointly developed by SCHD and Portland Cement Association
SC Route 51, Johnsonville, SC in 1935

Pulverizing Soil
SC Route 51, Johnsonville, SC

Cutting in Cement
SC Route 51, Johnsonville, SC

Applying Water
SC Route 51, Johnsonville, SC

Mixing Cement and Soil
SC Route 51, Johnsonville, SC
SC Route 51, Johnsonville, SC

Determining Moisture Content
SC Route 51, Johnsonville, SC

Testing Compaction
SC Route 51, Johnsonville, SC
Sixty years later...
SCDOT lets first FDR contract in 1995
Twenty-three years after FDR
From 1995 to 2019, FDR becomes widespread

- Numerous contractors perform FDR in the Carolinas today.
- NCDOT did first FDR project approximately 15 years ago.
- Many opportunities for FDR exist in NC today.
Goals for this event

• Over the next two days you have the opportunity to:
  - Learn how FDR is done and what the equipment can do
  - Learn how it fits in the pavement design alternatives
  - Learn what can go wrong and how to avoid it
  - See how FDR has been used in the gamut of paving -
    Residential and urban streets
    Low volume rural routes
    Interstate and primary highways
    Airports
    Parking lots
    Industrial sites
    Parks and recreational roadways
Now, let’s enjoy the ride…