SCAPA Summer Conference 2019

Panel Discussion
Pavement Program

10-year Plan Pavement Funding Levels

- 2015: $205M
- 2020: $487M
- 2023: $702M
2020 Pavement Improvement

The 2020 Pavement Improvement Program – Part 1
(rehabilitation and reconstruction projects):
Commission approved list going out for public comment

• Primary @ $138M, impacting ≈ 245 CL miles
• Federal aid eligible secondary @ $59.8M, impacting ≈ 148 CL miles
• Non-federal aid secondary @ $56.3M, impacting ≈ 168 CL miles
2020 Pavement Improvement

The 2020 Pavement Improvement Program – Part 2 (rehabilitation and reconstruction projects):

- Primary @ $33M
- Federal aid eligible secondary @ $7.75M
- Non-federal aid secondary @ $4.89M
Letting Schedule

- Rehabilitation/Reconstruction projects will be let in September, November, January, and March

- Preservation projects will be let as necessary in the interim months (October, December, February)
Asphalt Market Areas
Specification Update

- SC-M-401
- SC-M-405
- Safety Edge – 2019
- OGFC – 2019
- SMA Special Provision
QIC Action Items

Ignition Ovens – Calibration Factors
Removal of 310 forms

• SC-M-400
• SC-M-404
• Performance Based - Balanced Mix Design
• Temporary Mixes
Rideability Update

- Expect working group with QIC to address in 2019
  - Milling
  - SMA or mill and fill interstate work
  - CMRB
SMA Projects

• Approved
  – I-20 Lexington Design Build
  – I-95 32 – 64

• Potential Locations being considered
  – I-95 SB 193-173
  – I-95 193-198 (currently under contract)
  – I-26 187-194
FHWA Trailer
Coming to SC in the Fall 2019
Mobile Asphalt Testing Trailer Program (MATT)
Instrumented Pavement Sections

• Volvo Cars Blvd.
  – Designed as a perpetual pavement
  – Instrumented to measure actual stress and strains
  – Hopeful to validate design assumptions for further use by SCDOT

• US 123 Clemson
  – Proposed CIP section
  – Instrumentation to confirm design assumptions and aid in future designs
Ongoing Pavement Research

• SPR-743 – Pavement Performance Curves

• SPR 736 – Characterization of Bases and Subbases for PavementME

• SPR 732 – Local Calibration of PavementME Phase II
Ongoing Pavement Research – Cont.

- SPR 735 – Development of Pavement Investigation Strategies for Non-Interstate Routes

- TPF-5 - Pooled fund for TSD on system wide health application

- SPRxxx – Use of TSD for Pavement Management.
## Available Data Sources

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Thank You for the opportunity to share Information with Industry!

Chris Kelly
Jay Thompson
Cliff Selkinghaus