

# Flexible Pavement Committee (FPC) Meeting Minutes

State Materials Office  
Gainesville, Florida

July 20, 2023

Howie Moseley (State Materials Engineer), Amy Miller (ACAF President), Rich Hewitt, (State Pavement Construction Engineer), and Greg Sholar (Asphalt Materials Engineer) introduced themselves and welcomed those in attendance.

## 1. Introductions

- a. Amy Miller introduces herself as the Asphalt Contractors Association of Florida, Inc. President effective July 24
- b. All attendees of the FPC introduced themselves, and a record of their attendance is provided at the bottom of these minutes.

## 2. Asphalt Specifications, Project Smoothness Statistics – Richard Hewitt

- a. FDOT Starting to provide QCRR training around the state.
  - i. For OELs, FDOT, & Contractors
- b. New VT Roadway Report
- c. New Ideas, Methods, & Technologies
  - i. Longitudinal Grooving to improve friction.
    - 1. Protentional option instead of FC-5
    - 2. Hydroplaning reduction
    - 3. Groove Dense-Graded Asphalt to Reduce High Wet Weather Crash Rates
  - ii. Construction Inspection & Location Application
    - 1. Real-Time station, offset, milepost, GPS.
    - 2. Upload data to MAC

## 3. Research Topics – Howie Moseley

- a. Dry process plastic recycling – looking at through NCAT.
- b. Use of RAP in friction approved limestone
  - i. SMO – Research is ongoing and decision coming out soon.
- c. Proposed research idea, RAP in Open Graded Friction Course
  - i. Need to look at long term durability.

## 4. Balmoral Questionnaire – Howie Moseley

- a. Need responses from contractors. Helps the State get insight into our industry and where we are going. Confidential process and responses.

## 5. Aggregate Substitution process – Greg Sholar

- a. New replacement aggregate. Vicki Glen contact
  - i. Expedite Mix Design approval – very little or no testing.
  - ii. Copy Greg Sholar to expedite.

## 6. Specifications Update – Greg Sholar

- a. Greg provides history of FDOT Specification changes since Jan 2022.
- b. Tack Coat Application Rate
  - i. Concerns over non-breaking material in grooves of milled surface.
  - ii. The consensus was that most contractors have better coverage of tack now.
- c. July 2024
  - i. Will be able to use SP-9.5, -12.5, -19.0 for any asphalt base layer.
  - ii. Will change how friction aggregates are shown in specification. Removed names of aggregates as so many new sources are coming in.

1. Created classifications:
  - a. A- Limestone
  - b. B- SE Granite
  - c. C- Canadian and Jamaican granite
- d. Falling FAA allows use of APA to verify if the mix can still be used.
- 7. Experimental Project – Ahmed Chami**
  - a. High Polymer – SR 45 / US 41, Nebraska Ave. Hillsborough Co 431495-1-52-01
    - i. HP shows great reflective cracking resistance.
- 8. Design Considerations – Mary Jane Hayden**
  - a. Looking for good/bad practices for safety edge
    - i. Contactor issues – Sodding destroyed when friction placed, safety edge destroyed when sod laid after friction.
      1. Safety edge hard to get down without cracking before job is completed. Owner/Contractor agrees it looks bad.
- 9. PG 52-28 Binder elimination – Greg Sholar**
  - a. The contractor's general consensus is to remove the 52-28 from FDOT specifications.
  - b. Use a PG 58-XX in its place. PG 58-22 & 58-28 still being decided on.
- 10. Ongoing Asphalt Research Update – Greg Sholar**
  - a. NCAT Test Track
    - i. Studying in-place density on rutting and cracking
    - ii. Aramid Fibers
    - iii. OGFC for suburban environments
      1. Coursing up an SMA.
  - b. Florida Asphalt Test Road
    - i. Construction to start in September.
    - ii. Test section details in 2022 Florida Asphalt Expo PPT, ACAF Website.
  - c. Expedited Pavement Wearing and Friction Determination
    - i. Three Wheel Polisher
      1. New Aggregate approval/disapproval
  - d. Benchmarking mix designs across FL
    - i. Ongoing study to understand performance of current mix designs used.
- 11. Evaluating Failure Rates – Howie Moseley**
  - a. IV, QC, PC, POQ not lining up with failure %.
    - i. Not a new concern but wondering why IV has higher failure than PC.
- 12. Milling Depths – Rich Hewitt**
  - a. Projects with multiple milling depths cost too much.
  - b. Recommend districts to keep 1 milling depth per lane unless there is a specific need for multiple.
- 13. Open Forum**
  - a. Aggregate Supply
    - i. Regional supply issues are jumping around the state.
    - ii. Time extension in D7
      1. Not getting detailed information from aggregate supplies.

## Attendees

David Allain	ACAF
Amy Miller	ACAF
Austin Wright	AJAX Paving Industries
Alfredo Castro	AJAX Paving Industries
Shane Williamson	AJAX Paving Industries
John Man	AJAX Paving Industries
Curtis Robertson	Anderson Columbia
Chris Harris	Anderson Columbia
Carl Dempsey	Anderson Columbia
Randy Shane	Asphalt Paving Systems
Steve McReynolds	Duval Asphalt Products
Curtis Curl	FDOT
Garth Hall	FDOT
Suiyuan Wang	FDOT
Erik Nemati	FDOT
Hays Griffin	FDOT
Kyle Kroodsmma	FDOT
William Loyed	FDOT
Patrick Overton	FDOT
Rhonda Taylor	FDOT
Blake Stallworth	FDOT
Poura Arabali	FDOT
Greg Sholar	FDOT
Ahmad Chami	FDOT
Michael Horst	FDOT
Charles Crews	FDOT
Heather Putnik	FDOT
Skip Pomicter	FDOT
Juan Navarro	FDOT
Jesus Caballero	FDOT
Fazlullah Sayadian	FDOT

Rich Hewitt	FDOT
Kevin Fussell	FDOT
Matthew Cook	FDOT
Leonel Cortes	FDOT
Mary Jane Hayden	FDOT
Jamie Greene	FDOT
Dave Barrie	Florida Asphalt Contractors
Jose Hernandez	Gardner Asphalt Supply
Carmine Pace	Hubbard Construction Co.
Carl Moorefield	Hubbard Construction Co.
Brian Pickard	Hubbard Construction Co.
Matt LaChance	Ingevity
Gary Fitts	Kraton Polymers
Johnny Blankenship	MASCI General Contractors
Tim Carter	P & S Paving
Joseph Donaruma	Preferred Materials
John Taylor	Preferred Materials
Patrick Pienkos	Ranger Construction
Trey Jordan	