STATE CONSTRUCTION CONFERENCE

- Asphalt Section
  - Florida Work Zone Safety Coalition
  - Anti-Segregation Task Force
FLORIDA WORK ZONE SAFETY COALITION

Includes: ACAF, ATSSA, ECA, FDOT, FHP, FTBA
COALITION SUBCOMMITTEE ACTIVITIES

- A) Apply advanced technology to improved work zone safety such as automated work zone information systems, simplified dynamic lane merge systems, portable changeable message signs, and queue warning systems.
COALITION SUBCOMMITTEE ACTIVITIES

- B) Educate Road users about work zone safety and provide timely and accurate information regarding active work zones.
DNTXT
JUST DRIVE
COALITION SUBCOMMITTEE ACTIVITIES

C) Determine the feasibility and effectiveness of other improvements including installing reflectors on barrier walls, spacing on curves, changes in the penalties and fines to contractors for getting out of the roadway late, using of crash cushions, and correcting pavement marking errors. (include work zone ingress and egress of construction equipment).
COALITION SUBCOMMITTEE ACTIVITIES

- D) Work with Law enforcement, contractors, and DOT personnel to reduce speeding in and around work zones through a comprehensive approach of increased fines and increased law enforcement contacts.
ANTI-SEGREGATION
TASK FORCE
UPDATE

jwarren@acaf.org
WHAT'S THE PROBLEM?

- Effects of Segregation on Performance
- History
- Conflict
- Education and Training Opportunities
WHAT’S THE SOLUTION?

- It is fixable.
- Requires an Industry Pro-active response.
- Requires some experience to avoid over-reaction.
- Establishing reasonable expectations for surface condition.
- Task Group is developing some consensus training and education.
WORK PRODUCTS TO BE DEVELOPED

Short videos (*deliver via YouTube*) covering the following topics:

1. Proper Identification of Segregated areas.
2. Mix Specific Issues that affect Segregation.
4. Roadway Issues that affect Segregation.

- *Initial work on scripts and collecting photos and videos has begun. Estimated completion in mid to late 2017.*
Side by side, recurring
OPEN TEXTURE.
TEXTURE DUE TO THROWBACK
ROLLED IN THROW-BACK
REMOVING EXCESS COARSE AGGREGATE
ILEO LOAD OUT
TRUCK LOADED IN MULTIPLE DROPS
PAVER HOPPER – IS THE MIX IN A MASS?
ARE THE SLATS COVERED AT ALL TIMES?
KEEPING MIX IN A MASS IN THE HOPPER.
KEEPING MIX IN A MASS IN THE HOPPER INSERT.
4. Pavement Texture: Monitor the pavement texture to minimize pavement segregation. Use density gauges, infrared temperature measurement devices, or roadway cores at the beginning of each day’s production, and as necessary, both at truck exchanges and during normal paving operations.
UNIFORM... THAT’S NICE!
END OF LOAD SEGREGATION

- Is important to address.
- Is a Specification issue
- Is high on the radar.
- Look for the signs.
- Is preventable.

Asphalt, the Smooth Ride!