



# Asphalt Testing Solutions & Engineering, LLC

*Providing asphalt solutions for the world to drive on!*



**Tanya Nash, P.E. | Director of Engineering**

## **Certifications and Licenses**

- Professional Engineer -Alabama & Florida
- FDOT Construction Training & Qualification Program (CTQP) Mix Designer
- FDOT CTQP QC Manager
- Asphalt Institute: Mix Design Technology Certified
- Approved Florida DOT CTQP Plant Level I & II Instructor

## **Active Professional Affiliations & Committees**

- American Society of Civil Engineers (ASCE) - Member
- American Society of Highway Engineers (ASHE) Northeast Florida Chapter - Member
- Southeast Asphalt User Producer Group (SEAUPG) - Member
- American Society of Testing and Materials (ASTM) - D04 Member
- Florida Association of County Engineers & Road Superintendents (FACERS)
  - Associate Member - Company Representative
- American Public Works Association (APWA) - First Coast Chapter
  - Member - ATS
- Florida Airport Council (FAC)
  - Associate Member - Company Representative
  - Training Committee
- Asphalt Contractor's Association of Florida (ACAF)
  - Associate Member - Company Representative
  - Specification Committee
- Association of Asphalt Paving Technologists (AAPT)
  - Board Member
    - Director-at-Large (2023 - 2025)
  - Associate Member
  - Sponsorship Committee
  - Communications Committee
- Association of Modified Asphalt Producers (AMAP)
  - Associate Member - Company Representative
  - Executive Committee
    - Secretary (2021-2023)
    - President (2023-2025)
  - Board of Directors
  - Advisory Committee Chair
  - Communications Committee Member

- National Asphalt Pavement Association (NAPA)
  - Chair for the Council for Engineering Research and Sustainability (2023-2025)
  - Associate Member Council (AMC) (2020-Present)
  - Committee for Asphalt Research & Technology: RAP Utilization Task Force Chair
- Women of Asphalt (WOA) – Member
  - Florida Branch – Member, Past Chair
- American Society of Testing and Materials (ASTM)
  - Committee D04 – Road and Paving Materials
- National Cooperative Highway Research Program (NCHRP): *Active*
  - NCHRP 09-64 Developing Test Method and Specification Limits to Evaluate Trackless Tack and Tack Coats for Different Paving Applications, Panel Member
  - NCHRP 09-65 Capturing Durability of High Recycled Binder Ratio (RBR) Asphalt Mixtures, Panel Member
  - NCHRP 09-69 Verifying Quantities of Materials Used in Asphalt Mixtures at Production Facilities – *Co-PI*
  - NCHRP 20-05 (53-19) Synthesis of Highway Practice Topic 53-19: State DOT Product Evaluation Processes
- FHWA Asphalt Pavement and Materials Technical Feedback Group
  - Former Expert Task Group: Mix and Binder
- Transportation Research Board Committees
  - AFK20 – Standing Committee on Asphalt Binders for Flexible Pavements: Member (2017-Present)
  - AFK10 – Standing Committee on Production and Use of Asphalt: Member (2022-Present)
- iEmulsions Corporation
  - Advisory Board Member

### Recognition / Awards

- Women of Asphalt 100 Women
- Women of Asphalt 20 to Watch in 2020
- Multiple Prudential Productivity Awards
  - Presented by Florida Tax Watch, to honor state employees who have significantly increased productivity in delivering state services and products
  - Served on a team that developed the method for asphalt data entry statewide and provided the state with efficient process control over the daily plant and paving operations saving almost 25,000 labor hours and \$530,860 annually.
  - Served on a team that developed and evaluated a new acceptance system for asphalt mixture production saving \$1,903,075 annually.

### Notable Presentations / Invited Speaker / Training

- FDOT Construction Academy - Asphalt Materials for State Materials Office
- Asphalt Primer Course:
  - Asphalt 101 for companies and agencies covering asphalt emulsions, binder, aggregate, and mixtures. New testing and specifications are covered in relationship to the attendee's purpose along with a market analysis of their products. Material testing and applications are incorporated with industry updates and movements as well as legislation discussions.
  - This course is intended and / or customized to everyone from the executive teams, & middle management to the laboratory technicians, researchers, and agency personnel alike.
- Various Lunch & Learn Topics
- Development of University of Florida Civil & Coastal Engineering Graduate Course: *Nanotechnology for Civil Engineering Materials*
- University of Florida & US Department of Transportation Initiative (WiTI)
- University of North Florida (UNF) Civil Engineering Materials - Asphalt Mix Design Introduction
- Virtual Plant and Lab Tour for North Carolina High School Students