



MINUTES FROM PREVIOUS MEETING

ACAF Specification Committee Meeting

Wed. January 19th, 2022

1:00 PM – 5 PM EST

9801 International Drive, Orlando FL 32819

Hyatt Regency Orland – Florida B

Committee Members in attendance:

➤ In-Person

- David Allain - ACAF
- Tim Carter – P&S Paving
- Albert Lopez – General Asphalt
- Jeff James – Middlesex Co.
- Julio Leganoa – Halley Engineering Contractors.
- Patrick Pienkos – Ranger Construction Industries

➤ Virtual (Teams)

- Mark Musselman – ACAF
- Eron Chambers – Hubbard Construction
- Bill Berry – Middlesex Co.
- Joe Meier – Middlesex Co.
- Steve McReynolds – Asphalt Testing Solutions & Engineering
- Renato Reis – Ranger Construction Industries
- Damon Markwell – Ranger Construction
- Richard Hewitt – FDOT
- Howard Moseley – FDOT
- Greg Sholar – FDOT
- Wayne Rilko - FDOT

❖ **Call to Order**

- Chair Carter calls the meeting to order at 1:04 PM.

❖ **Acknowledgement of Anti-Trust Policy**

- Chair Carter recognizes ACAFs Anti-Trust Policy. Unanimous consent is given to agree to adhere to its direction.

❖ Acknowledgement of Conflict-of-Interest Policy

- Chair Carter recognizes ACOAFs Conflict of Interest Policy. Unanimous consent is given.

❖ Old Business

- Chair Carter reviews previous meeting minutes.

❖ Chair Carter begins reviewing New Business

- July 2022 Specification Changes up for Industry Review
 - 3000202 – Prime and Tack Coats
 - Mr. Lopez asks why the language of the specification states that outside nozzles shall be 25-75% larger by their opening?
 - Mr. Markwell explains that with hydraulic pumps of older equipment, this was needed, but has become irrelevant with use the of computerized tack distributors.
 - Mr. Rilko says that he will look into whether that language is appropriate any more, but for now, the only change to the nozzle sizing was the language, not the sizing itself.
 - 3200603 – Hot Mix Asphalt – Plant Methods and Equipment
 - General concerns were expressed over the maximum asphalt mixture temperature of 355°F for PG 76-22 and High Polymer binder mixtures.
 - Mr. Lopez expressed concerns that having a haul distance in excess of 4 hours warrants the need for a higher mixture temperature.
 - Mr. Chambers requests the reasoning behind the 355°F temperature limit
 - Mr. Moseley explains that many professionals at NCAT alone have concluded that 355°F should be the limit on mixture temperature to reduce the aging affects imposed while at high temperatures.
 - 3300502 – Hot Mix Asphalt – General Construction Requirements
 - Chair Carter explains the process for reviewing and responding to proposed changes for the rolling straight edge deficiency reading and contractor corrective actions to be taken.

- 3340203 – Superpave Asphalt Concrete
 - Chair Carter and TD Allain explain the revised language of the 334-5.9.5 Defective Material section.
 - General consensus is given from the committee that the change in wording helped to clear up previous discrepancies.
 - Mr. James expresses concerns about the “additional PC samples” being referred to as PC samples.
 - Committee mentions that an Independent Verification test should not be run by the owner (FDOT) as the test is not independent anymore.
- 3370201 – Asphalt Concrete Friction Course
 - Chair Carter explains the changes to the Specific Equipment Requirements for FC-5 and note that instead of an automated mixture production interruption, an alarm will be sounded that allows the plant operator to shut down equipment more safely.
 - Chair Carter cites that the FC-5 Small Quantity Pay Table, Table 337-4, has now included bonus pay.
- 2340900, 3340700, 3371100, 3390700 Specifications
 - Chair Carter cites that each of the mentioned specifications has increased the maximum asphalt pay quantity from 105% to 110%.
- 2000702 – Rock Base
 - Chair Carter explains the addition of the rock base cross slope and elevation specifications.
- 5201000 – Concrete Gutter, Curb Elements, and Traffic Separators
 - Chair Carter explains the addition of the elevation and cross slope requirements in this specification.

➤ **Contractor Proposed Topics**

- Committee asks FDOT if FC-5 mix designs nearing expiration can be renewed instead of reverified if no changes have been made.

- Mr. Sholar notes that he will look into seeing if this is possible but expressed serious concerns in doing so as the Dept. feels strongly that material properties such as bulk gravity can and do change significantly enough in three years to warrant re-submitting materials.
- Committee asks FDOT if acceptance testing for Temporary Detours can be specifically exempted as currently the Standard Spec makes no such statement that Temporary Detours are exempt from acceptance testing.
 - Mr. Hewitt said that he would look into this and that if the committee has any issues with this in the future, to contact him to make it known.
- Chair Carter asks FDOT about density testing for acceptance near intersections on Signalization Projects when mainline is encroached upon.
 - Mr. Hewitt explains that density is the most important factor nearing intersections and that density must be measured as noted in the specifications.
- Chair Carter shows FDOT and committee photos of a longitudinal joint designed to be in the middle of a turn lane.
 - Rich Hewitt requested that any such areas be brought to his attention and that the Dept will certainly consider issues of constructability in the design phase. He also encouraged any such issues be accompanied with suggestions of viable solutions.
- Committee discusses whether or not contractors should be notified of IV failure immediately or not.
 - Consensus is that all contractors would like to know immediately once IV #1 fails, however that might not always be possible with the quick testing of IV #2 following IV #1 failure. Committee expressed concerns over not being able to see VT testing results days to weeks after samples are run. Some districts allow VTs to approve/verify their own test results, while others are told to wait until MAC shows results, which can be unverified for up to a month.

- Committee and FDOT discuss issues with QCR reports being challenged weeks/months/years after completion of the job. Mr. Markwell asks if the QCRR can be finalized and closed permanently which is set on a timeline that works for both contractor and agency.
- Mr. Hewitt asks that when any issues of a QCRR being questioned and changed post completion that they are brought to him.
- Additionally, Chair Carter says these issues happen with push-button contracts.

❖ **FDOT Updates**

- FDOT Specifications will be release annually after the July 2022 book is published.
 - Proposed changes should be presented to the FDOT between April-July, just over 1 year before the specifications are put into effect.
- FDOT Developmental Specification being issued for thick lift asphalt intermediate layers. Layers up to 6 inches will be allowed in shorter pulls where multiple thinner lifts could also be used. TD Allain comments on the positive results seen at the NCAT test track and SCDOT with thick lift paving.

❖ **Next Meeting Date**

- May 4th – May 5th. National Center for Asphalt Technology – Auburn, Alabama

❖ **Meeting Adjourned at 4:26 PM**

Action Items

1. TD Allain to follow up with Greg Sholar on the FC-5 mix design renewal concerns, and report to the Specifications Committee the response.
2. TD Allain to follow up with Wayne Rilko on the distributor nozzle sizing requirements and if the specification on larger outside nozzle sizes is relevant with the use of computerized distributor trucks.
3. TD Allain to contact each district to better understand why VT testing results cannot be approved sooner than currently taking place, and if a change could be made to help with minimizing project delays.