

# **FDOT/FTBA STRUCTURES COMMITTEE**

## **Meeting Minutes**

Monday, October 7, 2019

1:00 pm

Location: FDOT FTE Office at Turkey Lake Plaza, Auditorium B

Teleconference Bridge: 1 (850) 414-4978 PIN: 181217

- I. **Call to order – Introductions** – Attendee list attached
- II. **Presentation** – FRP-Composite Bridge Beams by Tim Kenerson, AIT Bridges
- III. **FIU NTSB Report Update** - Ananth Prasad / Robert Robertson

Initial finding of facts to be released late October

### **Category II Structures Peer Review** – Robert Robertson

FDOT is working with ACEC and FTBA to revise the duties of independent peer reviewer.

#### **IV. Discussion Items:**

Beam camber and notes on the beam Standard Plans. Certain Districts are requiring calculations regarding camber and deflection from a Specialty Engineer when measured camber differs from the plans. Industry believes this is a design function and should not be the responsibility of the Contractor.

Build-up & Deflections were requested on the same spacing as the finish deck grades.

**Follow-up on 10/28/19 FDOT responded that they would not be providing this information on the plans.**

Pre-Cured Silicone Sealant @ beam ends – Industry asked if this could be removed from standard plan notes to reduce future maintenance. **Follow-up on 11/18/19 FDOT responded that they would be open to deleting on a project by project basis and re-evaluate the need during development of future projects.**

Level II Concrete Field Inspector should not be required for approach slabs, regardless of bridge length. FDOT to review specification.

Mass Concrete specification is under revision. Follow-up meetings to be scheduled.

Structures Foundations - B. Piling – Pay adjustments - FDOT has supplied spreadsheet with basis of payment for industry review. Open, pending information from industry.

Bridge Widening with Structural Steel Girders - Industry believes that field welding should be allowed in restricted access areas where new diaphragms attach to existing (specifically on skewed bridges).

Subgrade or base materials beneath approach slabs vary around the state. Industry would like uniformity. FDOT to investigate.

Industry request that FDOT re-evaluate the standard note of minimum 72 hours between adjacent deck pours.

Recently notes have been seen in plans requiring poly-sheeting on end bent piles. FDOT believes the intent is only to wrap test piles driven prior to embankment being placed. Industry would like the option to extend this to all end bent pile driven prior to embankment at Contractor's option.

Jack Nix, Shelby Erectors, presented automated deck tying system using a single wire. FDOT was asked to reconsider the double-strand requirement in 415-5.

John Westphal, FDOT, offered information regarding long-term deterioration testing on full size bearing pads and potential revision to sampling & testing requirements.

Randy Cropp, Cone & Graham, expressed concerns over the use of Embedded Data Collectors in piling.