

## TTCD Quarterly Conference Call Minutes 2-17-2016:

**Attendees:** Heather Hall(Chair – TN DOT) , Danny Lane (VC – TN DOT) , Dusty Arrington (TTI), Peter Speer (Pexco), Paul Gentry(FL DOT), Karen Byram(FL DOT), Joe Kersetter (TN DOT), Peter Amakobe Atepe (WisDOT), Vince Glick (NTPEP)

1. Introduction to the TTI protocol and including this in the new work plan. - **Dusty Arrington (TTI) & Paul Gentry (FLDOT)**
  - a. **2008 - started managed lanes down in Miami**
    - i. Testing was directed from beginning to end
  - c. Initial testing is geared towards first week of March
  - d. Currently only testing on the concrete
  - e. May or June to perform open friction course
    - i. Having a slab taken out and the design mix poured in
    - ii. One key thing is the use of mechanical anchors
      1. Up to the manufacturer how to anchor it (reflected on the QPL)
    - iii. This plan will identify parameters to define a managed lane markers specification
  - f. Manufacturers have expressed they would like to have one plan
  - g. TTI reached out to TXDOT because of the compatibility with FL's problems
    - i. Project #0-0772
      1. Testing to evaluate all conditions (Various degrees of impact)
        - a. Specifications were then developed out of the evaluation of these conditions
        - b. The first with low speed, low application at 10 impacts for cold, 10 for hot
        - c. The second is high speed, high durability at 70 mph, up to 200 impacts
          - i. Requires 4 samples of attachment and 4 sheeting, or at least 8 of a mix
        - d. The third is Metropolitan durability
          - i. Reduction to urban speed
      2. Real world failures were mostly attribute to modifications made to the surface which made it slicker
      3. Optimization and reproducibility are strong features during completion of the evaluation
  - h. Testing a 36-inch delineator usually performs poorly. The higher the better was found.
  - i. Currently installing open grade friction coarse with TXDOT materials against FL specs as closely as possible, and the binder from FL
  - j. Usually the sponsor can contact us, get them on the deck in the next month, and 4-6 weeks after to get a report out
  - k. Video-recordings done at impacts
    - i. Take a picture before, after 5,10, etc impacts
  - l. Cold weather testing?
    - i. Only a handful of days below the required temperature, but plenty available for night
    - ii. Have a procedure for running at night
  - m. TTI being reviewed in an annual report by FL
  - n. **AI: Dusty to get a detail report to Chair/VC**
    - i. **Come to the meeting and give a presentation**

