

Florida Pipe Advisory Group

Meeting Minutes - October 28, 2005

Attendees

Rod Powers, FDOT	David Ferrutmo, Scelangbury (sp?)
Bill Burnette, Contech	Bob Greer, FDOT
Jim Park, ADS	Wayne Turner, Hanson
Rick Traylor, Rinker	Ron Craig, Hanson
Paul Harkins, Hardie Pipe	Jeff Hite, Rinker
Carl Tyner, Quality Culvert	Michael Pluimer, PPI
Greg Bohn, ADS	Keith Morrison, Contech
Ananth Prasad, FDOT	John Johnston, FCPI
Dave Sadler, FDOT	Angel De Jesus, Hanson
Jim Schluter, Contech	John Trivento, ADS
John Kurdziel, ADS	Ed Rodriguez, ADS
Philip Edwards, FDOT	Sid Hilton, Ciemax
Bobby Downie, FDOT	Mitch Windham, CUES
Dale Pennington, Metal Culverts, Inc	John Fleckenstein, PDC
Bob Kerr, KWH Pipe	Doc Bennett, CUES
Lou Leonardi, KWH Pipe	Rick Renna, FDOT

Chief Engineer Ananth Prasad welcomed PAG members to the meeting.

Ongoing Role of Pipe Installation Task Group (PITG) – Rick Renna

Mr. Renna mentioned that the advent of the laser ring as a pipe inspection tool may prove to address the major concern that provoked the formation of the PITG – the ability to perceive when a pipe deflects more than 5%. The ongoing focus of the PITG will be to monitor the developing application of the laser ring toll within FDOT, review the upcoming revision of the Department's Pipe Inspector's Training Course, and address other pipe installation issues as needed. The first activity of the group will be an organizational conference call.

Laser Ring Specification

1. Background and Implementation - Dave Sadler stated that the Department became aware of the laser ring technology via an AASHTO conference in Kentucky in July 2005, and immediately began investigating the tool for Florida usage. FDOT began accumulating information on the technology and a copy of the presentation from the AASHTO conference to use in developing a specification. Using the data on the laser technology that was acquired, FDOT developed the specification that was submitted for Industry review and comment with the intent of implementing this change in 2006.

2. Technical Presentation – Dennis Parker and Doc Bennett, Cues, Inc., and John Fleckenstein presented technical data and field examples of the use of the laser ring profiler for pipe inspection. They stated that pipe ovality, open joints, and structural defects could be detected for plastic, metal, and concrete pipes. Some PAG members were concerned that standing water in the pipe would be misinterpreted as pipe deflection. David Sadler stated that the laser profiler data would not be judged without examining the camera video at the locations in question. Thus, standing water would be discerned. The presentations from CUES and Mr. Fleckenstein are posted on the Department's website at

http://www.dot.state.fl.us/rddesign/dr/Advisory_Groups.htm

HDPE Pipe Materials Task Group – Rod Powers

Rod Powers stated that he was still working with the FCPI on establishing members for the Group. Rick Traylor responded that names would be forthcoming soon. Ananth Prasad asked Mr. Powers to get the Group operating by December 2005.

Revision to Pipe Joint Specification – Rick Renna

Rick Renna presented the latest pipe joint revision as commented upon at the June 2005 PAG meeting. The specification was updated to reference proper ASTM specifications for pipe joints. Bill Burnette commented that the methodology for deflecting metal pipe during hydrostatic testing should follow parallel plate testing methodology. Mr. Renna asked Contech to send the Department recommended language targeting a parallel plate testing approach to obtaining the needed deflection during hydrostatic testing.

Date for Next PAG Meeting: the next PAG meeting will be set for Spring 2006. A firm date will be established later.