

METROPOLITAN GOVERNMENT PAVEMENT ENGINEERS COUNCIL
Thursday, April 26, 2007

Agenda

Chairman Pat Kennedy called the meeting to order at 1:35 p.m. The meeting was held at the City & County of Denver, 5440 Roslyn Street, Denver, Colorado. Those in attendance were Carl Armijo (Castle Rock), Julie Christensen (Tensar), Joe Kerrigan (Tensar), Mike Hale (City of Lafayette), Pat Kennedy (City & County of Denver), Dave Patter (City & County of Denver), Bob Locander (CDOT), Rich Katzer (Carter & Burgess), Don Clem (RMCC), Jamie Johnson (RMCC), Richard Hess (CST), Frank Marbury (City of Littleton), Jason Patton (Aggregate Industries) and Vern Tabert (Arapahoe County). The agenda was approved.

Next Meeting

The next meeting will be held at 1:30 p.m. on Thursday, June 28, 2007 at Arapahoe County offices located at 10730 E. Briarwood Avenue, Centennial, Colorado.

March 29, 2007 Meeting Minutes

Bob Locander stated that the minutes erroneously state that a specification concerning cold milling / texturing is not yet developed for certification by CDOT. Under "Open Discussion" in the revised minutes it will state: Bob Locander (CDOT) advised the group about a specification that has been developed concerning cold milling / texturing. The industry asked for a standard so CDOT developed a specification and Colorado Procedure for the macrotexture of cold milling. The smoothness specification and certification program has been developed by CDOT. MGPEC is in process of adapting it for major urban roads, and may take 2 to 3 years of tweaking it until it works well for most local agencies. Joe Kerrigan made a motion to approve the minutes as amended. Rich Katzer seconded and the minutes were approved.

Treasurer's Report

Vern Tabert presented the Treasurer's Report. There is a current balance of \$9,229.59 in the checking account with \$3176.17 in CD's for a total of \$12,405.76. There is still a \$50.00 check payable to Ground Engineering that is over one year old that has not been cleared. It was suggested that their accounting be contacted to find what has become of it. Frank Marbury made a motion to approve the Treasurer's Report as submitted. Richard Hess seconded and the minutes were approved.

Asphalt Thickness Design Equations Issue

The software needs a patch and a printed addendum to Design Standards. It was decided that the page of the specifications, which presents the design equation will be the only page to be revised as opposed to the whole section. Dave Potter and Tom Pieters will work together on this issue.

Julie Christensen will bring information to the June meeting from a study being done by the University of Illinois.

Smoothness Task Force

Tom Clayton is working on rewriting the asphalt CDOT spec to make it more applicable for Local Agency use. Jamie Johnson commented on references to the concrete CDOT specification, which is changing and suggested that we reference directly the specification that is referred to in the CDOT specification. MGPEC will need to develop acceptance criteria based on IRI or % improvement. Dave Potter is working with CDOT in getting comparisons to their 2006 smoothness data. The plan is for agencies to drive and complete their own field ratings before receiving the CDOT smoothness ratings and then make their own correlations in setting individual project criteria.

Subgrade Stabilization Task Force

Joe Kerrigan handed out copies of the revised Item 5 of the specifications, with all proposed changes highlighted. Comments should be directed to Joe by May 9 to allow for any required changes before the Annual Meeting. A draft of specification for mechanical stabilization was handed out at the last task force meeting. This is a very rough draft, which will need to be trimmed back to a final product. A final draft should be ready for presentation to the Steering Committee by late summer or early fall of this year. The next task force meeting will be held Thursday, May 17, 12:00 – 2:30 p.m. at ASR Inc, 8505 West Mountain View Lane, Littleton, Colorado.

Annual Meeting

There are two overhead projectors in the rooms and a portable can be made available. Advise Vern Tabert of any specific needs – microphones, etc.

Open Discussion

Bob Locander (CDOT) distributed copies of “Colorado Procedure 77-07, standard procedure for Determination of Macrotexture of Planed Hot Mix Asphalt Pavement” and “Revision of Section 202, Removal of Asphalt Mat (Planing)”, as well as a list of CDOT website links and definition of cement masons and concrete finishers. CDOT is now requiring a Certified Flatwork Finisher on each project

A discussion occurred on CDOT concrete mixes to be used in areas susceptible to deicing. Class B is not recommended. There have been reports in the media regarding spalling and scaling of concrete and blame is being placed on deicers such as MgCl. Preliminary investigations are indicating the problem is due more to the use of lower strength concrete mixes and/or improper finishing techniques. If the problem were due to the deicer chemicals deterioration to older concrete, especially street pavements, would be evident. A mix with a minimum of 4,000 psi 28 day strength is required, as specified in current MGPEC Item 11.

Frank Marbury asked the group if anyone has had a problem with stripping under areas that have been slurry sealed. Bob stated that the state had a similar problem in some areas under where a rubberized plant mixed seal had been applied. It was suggested that cores extending into the subgrade might provide some clues as to levels of moisture and direction of migration.

Adjournment

Pat Kennedy adjourned the meeting at 2:45 p.m.