

METROPOLITAN GOVERNMENT PAVEMENT ENGINEERS COUNCIL
Thursday, December 6, 2007

Agenda

Chairman Pat Kennedy called the meeting to order at 1:38 p.m. The meeting was held at the City of Littleton office located at 2255 W. Berry Avenue, Littleton, Colorado. Those in attendance were Ron Martinez (Town of Parker), John Johnson, (Sem Materials), Jim Katzer (Arapahoe County), Vern Tabert (Arapahoe County), Craig Young (CPP Engineering), Carl Armijo (Town of Castle Rock), Chris Hinton (RTD), Tom Pieters (City of Aurora), Pat Kennedy (City & County of Denver), Frank Marbury (City of Littleton), Russ Higgins (City of Wheat Ridge), Dave Potter (City & County of Denver), and Pamela Weimer (MGPEC).

Next Meeting

The next meeting will be held at 1:30 p.m. on Thursday, January 24, 2008 at the Town of Parker Maintenance Facility located at 9200 Motsenbocker Road, Parker, Colorado 80138.

Meeting Minutes

Dave Potter made a motion to approve the minutes as submitted. Ron Martinez seconded the motion and the minutes were approved.

Treasurer's Report

Vern Tabert presented the treasurer's report. The current balance in the checking account is \$6441.36 with \$3280.99 in CD's for a total of \$9722.35. Russ Higgins made a motion to approve the report with a second from Frank Marbury and the treasurer's report was approved. The report distributed at the meeting erroneously indicated a higher amount for the total and has been corrected and will be distributed as an attachment to the meeting minutes at the next meeting.

Asphalt Thickness Design Equations Issue

There is no new information at this time but Dave Potter and Tom Pieters will keep working with the programmer to address the issue. The programmer has agreed to install the new asphalt design equation and upgrade other features without payment and since he is the most familiar with the software, it is felt that at this time, it is probably best to continue the efforts. If there are members or software users who would like to see any other changes made to the software they should contact Dave (dave.potter@ci.denver.co.us) or Tom (tpieters@auroragov.org) to discuss.

Smoothness Task Force

Dave Potter will work with Craig Young to put together a list of roads for the Task Force to review. Members of the task force and/or steering committee will drive the roads and rate them according to a predetermined scale. They will note if

something is unusually good or bad at that time as well. Dave Potter will write a letter for Pamela Weimer to distribute to the database asking for input and data.

RAP / HMA / Form #9 Task Force

The group met this past week and reviewed a draft of both Form #9 and revisions to the specification. They will continue to review the specification and will discuss the revisions further at the next meeting scheduled for Thursday, January 24, 2008 from 9:30 a.m. to 12 Noon in the RMAEC Training Room. Dave Potter and Tom Pieters highlighted the following revisions to the specification that the group is discussing:

- Changing the use of HMAP (pavement) to HMA (material) within the specification. The group discussed changing the terminology but decided unless there was a compelling argument to make that revision, it would remain as it is written at this time.

- Area of possible revisions include adding N=50 lab design levels for residential streets or rewriting specification to allow more asphalt into mix by clarifying the current method, now on Form #9, using the air void shift after the design is run at 4.0% air voids. This would make the mix selection more logical and help to assure less durability problems on residential streets.

- WMA (Warm Mix Asphalt) More information is needed but under consideration for insertion into specifications.

- Clarifying the current minimum temperature requirements for densification of asphalt mat.

- RAP The group discussed the many variables (durability and the importance of recovery testing of the final blend) involved with the use of RAP even though it is environmentally friendly. It was suggested that the specification address a higher level of initial testing when percentages of RAP over 20% are allowed. The revision will incorporate CAPA/CDOT requirements.

- Pay reduction. The task force still needs to address whether we have the correct levels on this issue.

Dave Potter asked that if any steering committee members would like to see additional issues covered in the revision, to please contact him. Frank Marbury mentioned SMA. After discussion, the group felt that it would be good to include a section on SMA. They will primarily use CDOT's specification but after noting the importance of MGPEC tailoring it to fit local agency use, which is the charge of MGPEC, they will modify it.

Tom Pieters will get the draft of the specification showing revisions to Pamela Weimer to distribute to the steering committee members.

Open Discussion

Pat Kennedy informed the group that active MGPEC member, Marco Klein of JR Engineering had passed away. The group decided to honor Mr. Klein with a donation to the American Diabetes Association, as requested by family and friends.

Frank Marbury asked the group about the use of truncated domes. There is a school for the blind in the City of Littleton who has requested that no domes be

used. Other cities have also dealt with similar requests and said that federal administrators have not allowed that to occur.

Dave Potter proposed studying / researching our current strength coefficient in the design equation in light of probably better mixes used since the equation was formulated in 1998. The current SN used by MGPEC is ~0.33 while CDOT uses ~0.40-0.44. A higher coefficient would result in thinner asphalt sections required and could be viewed as being more environmentally conscientious. After discussion the group felt this might be a good project to have a CSU or UCD graduate student study. If the group uses a local geotech it may be construed as favoritism. There would be a peer review of the findings once research has been done. A request for proposal needs to be written and then forwarded to a professor.

At the January meeting the group will discuss and start planning the 2008 MGPEC Annual Meeting. Pat Kennedy asked for the group to think of topics for the Annual Meeting to be discussed at that time.

Vern Tabert mentioned that there are two spots open on the Steering Committee so elections and nominations will also be discussed.

Adjournment

Pat Kennedy adjourned the meeting at 3 p.m.