

## SUDAS District 2 Committee Meeting Minutes

April 13, 2017

The meeting was called to order at 10:01 am by Mark Rahm.

### Present:

Tim Moreau, Veenstra & Kimm, Inc.  
Michelle Sweeney, AECOM  
Mark Rahm, City of Mason City  
Jake Johnson, City of Charles City  
Jon Biederman, Fehr Graham  
Duane Folz, Floyd County  
Mike Danburg, SEH

Bob Welper, Iowa DOT  
Dennis Gentz, City of Waterloo  
Dusten Rolando, Floyd County  
Rick Lockhart, Terracon Consultants, Inc.  
Paul Wiegand, SUDAS  
Beth Richards, SUDAS

### I. Administrative

#### A. Minutes of the previous meeting and schedule of district meetings

The motion to approve the minutes was made by Michelle Sweeney and seconded by Mike Danburg. The motion was approved. The committee concurred with the proposed meeting schedule.

### II. Design Manual Items

#### A. Asphalt binder and grade (Section 5D-1, C, 6)

Updating information on binder selection for northern tiers of counties, intermediate and base layers, and for overlays. The motion to approve was made by Tim Moreau and seconded by Jon Biederman. The motion was approved.

#### B. Pavement overlays (Section 5J-1)

New section for HMA and PCC overlays and associated interlayers. When looking at this section, a suggestion was made to add a reference to this section within Table 5D-1.01. The motion to approve, with the above revision, was made by Bob Welper and seconded by Dennis Gentz. The motion was approved. *Note - addressed comment by inserting the table into the HMA overlay specifications (Section 7021).*

### III. Specifications Manual Items

#### A. Trench stabilization materials (Section 3010, 2.05)

Adding a standard gradation option (Iowa DOT Gradation No. 13). The motion to approve was made by Michelle Sweeney and seconded by Rick Lockhart. The motion was approved.

#### B. PVC water main pipe (Section 5010, 2.01, A)

Deleted references to AWWA C905 due to combining of AWWA C900 and C905. The motion to approve was made by Duane Folz and seconded by Bob Welper. The motion was approved.

#### C. Use of fly ash and slag (Section 7010, 2.02, C)

Remove the restriction for use of fly ash and slag only with ready mix concrete. The motion to approve was made by Tim Moreau and seconded by Dennis Gentz. The motion was approved.

#### D. Laser guided screed and concrete pumping (Section 7010, 3.01, B & C and 3.02, F)

Adding to the specifications to allow the use of laser guided screeds and concrete pumping. The motion to approve was made by Rick Lockhart and seconded by Jon Biederman. The motion was approved (one nay).

#### E. PCC overlay pavement (Sections 7010 and 7011)

New section for PCC overlays projects. The motion to approve was made by Duane Folz and seconded by Mike Danburg. The motion was approved.

#### F. HMA overlay pavement (Sections 7020 and 7021)

New section for HMA overlays projects. This district suggested reorganizing subsection 2.04 to include conventional binder grades and split out the high performance thin lift information. The motion to approve, with the above revisions, was made by Tim Moreau and seconded by Michelle Sweeney. The motion was approved. *Note - these revisions were made.*

#### G. Sidewalk consolidation (Section 7030, 3.04, B)

Clarify that sidewalk thickness 5 inches or less do not require use of a hand vibrator. This district agreed

with District 1's suggestions to change the first sentence to less than 5 inches and the second sentence to 5 inches or greater, with the addition of the word "mechanical" to the second sentence. The motion to approve, with the above revisions, was made by Mike Danburg and seconded by Jon Biederman. The motion was approved. *Note - these revisions were made.*

**H. Form setting and testing** (Section 7030, 3.04 and 3.08)

Adding criteria for when the Engineer would provide staking and also requirements on the timing of compliance checks for sidewalks, curb ramps, turning spaces, and shared use paths. This district suggested referring to Design Section 12A-2 instead of PROWAG, and looking at the language in 7010 for how to correct the bump (guidance about grinding). The motion to approve, with the above revisions, was made by Mike Danburg and seconded by Tim Moreau. The motion was approved. *Note - referenced PROWAG and Section 12A-2; modified the bump correction language.*

**I. Pavement rehabilitation** (Section 7040)

Updating information on partial depth patches and added a section on dowel bar retrofit for PCC pavements. For dowel bar retrofit, this district suggested referring to Section 7010 and/or Figure 7010.101 for size and length of dowel bar. The motion to approve, with the above revision, was made by Dennis Gentz and seconded by Bob Welper. The motion was approved. *Note - this revision was made.*

**IV. Other**

**A. Discussion Items**

- *Pay construction survey on a similar basis as mobilization?* Leave as is.
- *Boxout detail for water valve box in HMA?* Request came from someone in this district; some in this group were interested.
- *Use of SUDAS on Iowa DOT's Electronic Reference Library?* This group primarily uses the SUDAS website; one comment about liking the search feature on ERL.
- *Update on AMG changes.* Paul presented an update. This district did not have any comments.
- *Update on pavement thickness design.* Paul presented an update. This district did not have any comments.
- *Other?* None.

**B. Products and/or research**

District committee members can suggest new products or research topics for potential SUDAS manual inclusion. This district did not have any suggestions at this time.

The meeting was adjourned at 11:39 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.