

## SUDAS District 5 Committee Meeting Minutes

April 18, 2017

The meeting was called to order at 10:00 am by Terry Knoke.

### Present:

Terry Knoke, PSBA

Steve Hausner, French-Reneker Associates, Inc.

Ryne Thornburg, Van Buren County

Dave Shanahan, Mahaska County

Akhilesh Pal, City of Oskaloosa

Jesse Howe, City of Burlington

Christy VanBuskirk, Iowa DOT

Jack Pope, Garden & Associates

Jeremiah Selby, Monroe County

Tyler Christian, Marion County

Steve Hartman, Klinger & Associates, PC

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 Jeremiah Selby and seconded by Steve Hausner. 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 Jack Pope and seconded by Akhilesh Pal. The motion was approved.

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

New section for HMA and PCC overlays and associated interlayers. The motion to approve was made by Dave Shanahan and seconded by Tyler Christian. The motion was approved.

### 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 Steve Hartman and seconded by Ryne Thornburg. 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 Ryne Thornburg and seconded by Jeremiah Selby. 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 Akhilesh Pal and seconded by Jack Pope. 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 Tyler Christian and seconded by Dave Shanahan. 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 Akhilesh Pal and seconded by Dave Shanahan. The motion was approved.

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

New section for HMA overlays projects. This district requested adding "do not use RAS" to 2.04, C. The motion to approve, with the above addition, was made by Akhilesh Pal and seconded by Tyler Christian. The motion was approved. *Note - the suggested language was added.*

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

Clarify that sidewalk thickness 5 inches or less do not require use of a hand vibrator. The motion to approve was made by Dave Shanahan and seconded by Steve Hartman. The motion was approved.

#### 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. The motion to approve was made by Ryne Thornburg and seconded by Akhilesh Pal. The motion was approved.

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

Updating information on partial depth patches and added a section on dowel bar retrofit for PCC pavements. This district had the following suggestions: in 2.01, I - delete “cement” from the heading and delete “water cement” from the first part of the sentence; in 2.01, O - change heading to “Rapid Set Patch Material” and make the same change in the last sentence of that item; in 3.03, A, 2 - change “small jack hammer” to “pneumatic hammer” to be consistent with the items that follow. The motion to approve, with the above revisions, was made by Dave Shanahan and seconded by Akhilesh Pal. The motion was approved.

**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?* No desire in this area.
- *Use of SUDAS on Iowa DOT's Electronic Reference Library?* This group uses the SUDAS website.
- *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 11:30 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.