

## SUDAS District 2 Committee Meeting Minutes

April 17, 2018

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

### Present:

Mark Rahm, City of Mason City  
Mike Danburg, SEH  
Jay Waddingham, Franklin County  
John Fallis, City of Charles City  
Tim Moreau, Veenstra & Kimm, Inc.  
Dusten Rolando, Chickasaw County

Michelle Sweeney, AECOM  
Rick Lockhart, Terracon Consultants  
Dennis Gentz, City of Waterloo  
Paul Wiegand, SUDAS  
Beth Richards, SUDAS

### I. Administrative

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

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

#### B. Board of Directors meeting minutes

A summary of actions at the November 14, 2017 Board webinar was presented.

#### C. Expanded use of SUDAS

Discussion of using SUDAS Specifications for non-federal aid projects let by the Iowa DOT. Great option to have.

#### D. Use of mid-year update

Are the updates posted on our website after the May Board meeting and October ERL actually used? Agree that ERL should match the actual official annual edition of the Specifications and agree with our proposed schedule.

### II. Design Manual Items

#### A. HMA binder grades (Design Section 5D-1; Spec Section 7021, 2.04)

Modified binder grades per new climate information. The motion to approve was made by Dennis Gentz and seconded by Dusty Rolando. The motion was approved.

#### B. Pavement thickness design (Section 5F-1)

Updated and expanded truck mix tables; modified parameters to use AASHTO charts for seasonal variability, resilient modulus, and modulus of subgrade reaction; developed new thickness tables. The motion to approve was made by Jay Waddingham and seconded by Michelle Sweeney. The motion was approved.

#### C. Cold-in-place recycling (Design Section 5J-2 and Spec Section 7090)

Developed new Design and Spec sections for cold-in-place recycling (CIR) projects. The motion to approve was made by Rick Lockhart and seconded by Dusty Rolando. The motion was approved.

#### D. Full depth reclamation (Design Section 5J-3 and Spec Section 7091)

Developed new Design and Spec sections for full depth reclamation (FDR) projects. The motion to approve was made by Michelle Sweeney and seconded by Dennis Gentz. The motion was approved.

#### E. General Permit No. 2 updates (Sections 7A-1 and 7B-1)

Updated the requirements to reflect changes in General Permit No. 2 regulations (effective March 1, 2018). The motion to approve was made by Tim Moreau and seconded by Rick Lockhart. The motion was approved.

#### F. Brick sidewalks and ADA compliance (Section 12A-2, E)

Enhanced design information on the use of bricks and pavers in pedestrian access routes. The motion to approve was made by Mike Danburg and seconded by Michelle Sweeney. The motion was approved.

### III. Specifications Manual Items

#### A. Contract subletting requirement (Section 1080, 1.01, A)

Modified the limitation that the prime contractor had to be responsible for 50% of the contract. The motion to approve was made by Michelle Sweeney and seconded by Dennis Gentz. The motion was approved.

- B. Water main tracer wire** (Section 5010, 2.05, B)  
Modified tracer wire requirements for trenchless installations. The motion to approve was made by Dusty Rolando and seconded by Jay Waddingham. The motion was approved.
- C. Brick sidewalk requirements** (Section 7030, 1.08, F; 2.03-2.07; 3.06-3.07 and Figure 7030.203)  
Deleted sand bedding and modify brick/paver requirements to meet ADA. Many uses of “brick” on the figure (including the title) should be changed. The motion to approve was made by John Fallis and seconded by Dennis Gentz. The motion was approved. *Note - these were corrected.*
- D. Traffic signal pole foundations in rock** (Figure 8010.102)  
Added option for placement in rock. On Figure 8010.102, sheet 2 lists L max; sheet 1 just has L. The motion to approve was made by Dusty Rolando and seconded by Mike Danburg. The motion was approved. *Note - this was corrected.*
- E. Anchor plate** (Section 9080, 2.05, A, 1 and Figures 9080.101 - 9080.103)  
Corrected the dimensions of the anchor plate for safety rail to be consistent with what is actually used. The motion to approve was made by Mike Danburg and seconded by Michelle Sweeney. The motion was approved.

#### IV. Other

##### A. Discussion Items

- *Add all Iowa DOT intake standards to SUDAS?* Okay with adding SW-545. Some discussion about adding all to keep our standards together, but talked around it to just add the one that we actually use because of the approval/update process.
- *Revisit recommended lane widths and curb offsets in complete streets section to address traffic calming and walkability concepts, especially for already built-up areas (NACTO recommendations)?* IHRB project coming up for two-way left turn lane; talk about adding this to that project. Agree to wait for the research.
- *Modify default on steps in manholes?* Shouldn't be there because you need confined space equipment before going down into manholes. If operations people don't want them, then let's take them out.
- *Consistency in use of rock subbase for cast-in-place manhole/intake construction?* Agree with making it consistent (adding rock subbase to cast-in-place structures).
- *Railroad crossing bid items - lump sum or break into parts?* Agree with making it a separate bid item like Iowa DOT.
- *Add detail for internal manhole drop?* Yes - would be a nice option to have.
- *Add details for tying storm sewer pipe joints on steep installations (similar to Iowa DOT)?* There are some urban applications, but if not “standard,” then is it needed in SUDAS? Good either way.
- *Provide bid items for structural concrete and reinforcing steel for cast-in-place manholes and intakes?* No.
- *Concrete compression test cylinders - 6”, 4”, or both?* Okay with allowing the 4” option.
- *Develop specifications for non-destructive measurements of PCC slab thickness?* Some in the room commented that they don't do cores unless it's a Federal Aid project because we don't pay incentives. Okay with exploring non-destructive measurements.
- *Iowa DOT changes to pavement smoothness Section 2317 to initiate IRI indexes?* Iowa DOT is asking for input on these revisions. Concern about having to have the incentive, but understand that it's DOT's policy.
- *Other?* None.

##### B. Products and/or research

- *Add Inserta Tee for sewer service connections?* One city has used them in the past but don't use anymore (root saw went through and problem with videoing). Probably has some uses.
- *EJ SELFLEVEL castings?* Probably okay to explore.

The meeting was adjourned at 12:54 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.