

SUDAS District 2 Committee Meeting Minutes

October 18, 2018

The meeting was called to order at 10:04 am by Mark Rahm.

Present:

Jay Waddingham, Franklin County	Mark Rahm, City of Mason City
Jon Biederman, Fehr Graham	Mark Durbahn, AECOM
Rick Lockhart, Terracon Consultants	Michelle Sweeney, AECOM
John Fallis, City of Charles City	Robert Welper, DOT District 2
Dusten Rolando, Floyd/Chickasaw County	Paul Wiegand, SUDAS
Mike Danburg, SEH	Beth Richards, SUDAS
Tim Moreau, Veenstra & Kimm Inc.	

I. Administrative

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

Correct Dusten's name to be en rather than in. The motion to approve the minutes was made by Rick Lockhart and seconded by John Fallis. The motion was approved. The committee concurred with the proposed meeting schedule. *Note - the error was corrected.*

B. Board of Directors meeting minutes

A summary of actions at the May 18, 2018 Board meeting was presented.

C. Election of officers

According to the corporation bylaws, the districts are to elect a Chair and a Vice-Chair from its voting membership, and elections should be held every two years (there will be no limit on consecutive terms served). The motion to re-elect Mark Rahm as the Chair and Dennis Gentz as the Vice Chair was made by Mark Durbahn and seconded by Mike Danburg. The motion was approved.

II. Design Manual Items

A. LED street lighting (Chapter 11)

Updated design sections to reflect use of LED street lighting. This district did not have any comments.

B. Temporary traffic control (Sections 13B-1 through 13B-6)

Added section on the design requirements for work zone traffic control. This district did not have any comments.

III. Specifications Manual Items

A. Foamed cellular concrete (Sections 3010, 3020, 4010, and 4020)

Added foamed cellular concrete as an option for special pipe embedment and encasement material, backfill for abandoned tunnels, annular space grouting, and sewer abandonment fill. The motion to approve was made by Mike Danburg and seconded by Dusty Rolando. The motion was approved.

B. Dewatering (Section 3010, 1.08, A, 6)

Expanded the requirements to clarify what work activities are encompassed by dewatering. The motion to approve was made by Tim Moreau and seconded by Jay Waddingham. The motion was approved.

C. Abandoning sewers (Sections 4010, 1.08, K and L and 4020, 1.08, E and F)

Split the activities of plugging and filling and plugging. Designated full measurement and payment information for each work activity for sanitary sewers and storm sewers. The motion to approve was made by Mark Durbahn and seconded by Rick Lockhart. The motion was approved.

D. Linear trench drain (Section 4020, 1.08, 2.02, 3.04, and Figure 6010.521)

Inserted pipe apron language in Section 4020 and added a reference to Iowa DOT Standard Road Plan DR-121 for pipe connectors. Clarified dewatering in Section 4030. The committee had the following comments: add solid cover as an option (provide for protection during paving) and don't want the width determined by the manufacturer. *Note - added minimum width.*

E. Pipe aprons (Sections 4020 and 4030)

Inserted pipe apron language in Section 4020 and added a reference to Iowa DOT Standard Road Plan DR-121 for pipe connectors. Clarified dewatering in Section 4030. The motion to approve was made by Michelle Sweeney and seconded by Dusty Rolando. The motion was approved.

- F. Pipe rehabilitation** (Section 4050)
Revised the pipe rehabilitation section based on current practices/products. This committee had the following comments: no sliplining of culvert pipes; bypass would be incidental, unless otherwise specified; propose common specs with Iowa DOT. *Note - added proposed language.*
- G. Steps in manholes and intakes** (Section 6010, 2.13 and Figures 6010.301, 303, 304, 305, 401, 404, 405)
Changed the default to no steps in manholes and intakes. The motion to approve was made by Mike Danburg and seconded by John Fallis. The motion was approved (one nay).
- H. Rock subbase** (Section 6010, 3.01 and Figures 6010.302-305, 401-406, 501-513)
Added rock subbase to all cast-in-place structures to match precast structures. The motion to approve was made by Michelle Sweeney and seconded by Tim Moreau. The motion was approved.
- I. Internal manhole drop** (Section 6010, 1.08, 2.15-2.17, 3.06, and Figure 6010.308)
Developed new figure and specifications language to allow for an internal manhole drop. The motion to approve was made by Mark Durbahn and seconded by Jon Biederman. The motion was approved.
- J. Intakes** (Figures 6010.515, 541, and 545)
Developed a new figure for a double well area intake (6010.515) and added two Iowa DOT intakes - open-throat curb intake under pavement (SW-541) and single open-throat curb intake with extended opening (SW-545). This district did not have any comments.
- K. Tubular dowels** (Figure 7010.101)
Add tubular dowels to available methods of joint transfer for doweled contraction joints. The motion to approve was made by Michelle Sweeney and seconded by Rick Lockhart. The motion was approved (two nays).
- L. Railroad crossing approach** (Sections 7010 and 7020)
Added bid items and execution language for PCC and HMA railroad crossing approaches. The motion to approve was made by Jay Waddingham and seconded by Tim Moreau. The motion was approved.
- M. Plastic concrete cylinders** (Section 7010, Table 7010.02)
Revised the test requirements for plastic concrete cylinders to delete the 6 inch requirement, which will allow either 6 inch or 4 inch specimens. The motion to approve was made by John Fallis and seconded by Rick Lockhart. The motion was approved.
- N. Thin HMA overlays and interlayers** (Section 7021)
Lowering of the design target for lab voids is intended to result in higher binder content, which will increase mix flexibility and reduce premature cracking. VMA (voids in the mineral aggregate) is no longer used as a mix design parameter. Clarify sample location due to thin applications. The motion to approve was made by Jay Waddingham and seconded by Bob Welper. The motion was approved.
- O. Temporary traffic signals** (Section 8010, 1.08 and 3.06)
Expanded payment and removal process for temporary traffic signals. This committee suggested changing payment to 50% at installation, 50% at removal and to add “includes” items. The motion to approve was made by Michelle Sweeney and seconded by Mike Danburg. The motion was approved.
Note - changed as proposed.
- P. Traffic signal foundations** (Figure 8010.102)
Clarify length of foundations in rock and the forming at the top of the foundation. The motion to approve was made by Michelle Sweeney and seconded by Mark Durbahn. The motion was approved.

IV. Other

A. Discussion Items

- *Add infiltration barriers to storm sewer manholes to address boxout maintenance issues?* No
- *Do you use “butyl sealant” for adjusting rings, especially at the concrete/casting interface?* No
- *Add natural area management to our Division 9?* Not opposed to the idea of having it as a tool
- *Problems with paving contractors not repairing honeycombed curb areas when slip formed?* No
- *Brick street with concrete base?* No
- *Iowa DNR is updating some of their standards and are looking for comments. Send comments to Greg Reeder by November 16th.* No comments.
- *Other?* None.

B. Products and/or research: None.

The meeting was adjourned at 12:33 pm. Minutes were recorded by Beth Richards, SUDAS Program Coordinator.