

SUDAS District 2 Committee Meeting Minutes

October 17, 2019

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

Present:

Mark Rahm, City of Mason City
John Fallis, City of Charles City
Daryl Erickson, Iowa DOT
Rick Lockhart, Terracon
Jon Biederman, Fehr Graham

Jay Waddingham, Franklin County
Dennis Gentz, City of Waterloo
Mike Danburg, SEH
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 Rick Lockhart and seconded by Jon Biederman. The motion was approved. The committee concurred with the proposed meeting schedule.

B. Board of Directors meeting minutes

A summary of actions from the May 17, 2019 Board meeting was presented.

II. Design Manual Items

A. General provisions (Chapter 1)

Updated the chapter based on current practices. Comments:

- 1B-1 - rearrange groupings to have everything under main heading - i.e. - sanitary sewer is A and then everything sanitary sewer related would be listed as 1, 2, 3, etc. *Note - done.*
- 1E-1, C - add change orders. Timing for contractor payments.

III. Specifications Manual Items

A. Water main pipe installation (Section 5010, 3.02 and 3.03)

Added AWWA references for installation of DIP and PVC water main pipe. The motion to approve was made by Mike Danburg and seconded by Dennis Gentz. The motion was approved.

B. Fire hydrants (Section 5020, 3.03, A and F)

Clarified fire hydrant placement, clear space, and orientation. New information came up at the District 1 meeting. Decided to defer the item. *Note - this item will be discussed further; no action taken by the Board.*

C. Intake lid slope (Section 6010, 3.01, D)

Added requirements to match intake lid slope with adjacent street slope. The motion to approve was made by Jon Biederman and seconded by Rick Lockhart. The motion was approved.

D. Intakes (Figures 6010.515, 541, 542, 545, and 604)

Modified dimensions for SW-515 so it can more easily be used in pavement. Added information on pipe sizes and minimum pipe clearance to SW-541 and 545. The motion to approve was made by Jay Waddingham and seconded by Dennis Gentz. The motion was approved.

E. PCC joint spacing (Spec Figs 7010.101 and 901; 6010.507, 508, 509, 510; Design Sects 5G-1, 5G-2, 5G-3, and 5G-4)

Revised text and figures to reflect Iowa DOT's new maximum of 12' longitudinal and 17' transverse spacing. ICPA going to propose to Iowa DOT to go with a 17.5' rather than 17' to help reduce breaking. The motion to approve (matching Iowa DOT) was made by Mike Danburg and seconded by Rick Lockhart. The motion was approved. *Note - Iowa DOT decided to stay with the 17' spacing.*

F. Cross slope (Section 7030, 3.04, A, 4 and B, 1)

Established a default cross slope for sidewalks and shared use paths. Concern about how flat the sidewalks are being built and would like to have further discussion about creating a minimum requirement. The motion to approve was made by Dennis Gentz and seconded by Mike Danburg. The motion was approved. *Note - this item was not approved by all of the districts; needs further discussion.*

G. Temporary traffic signals (Section 8010, 1.08)

Added bid item information for moving the temporary signal around during a project or changing timing to reflect staging. The motion to approve was made by John Fallis and seconded by Jay Waddingham. The motion was approved.

H. Sodding (Section 9020, 2.01, A; 3.04, B; 3.05; and 3.06, B, 3)

Modified age, added cultivars, modified depth of cut, and added more details for watering. The motion to approve was made by Rick Lockhart and seconded by Jon Biederman. The motion was approved.

I. Retaining walls (Sections 9070 and 9071)

Revised to reflect changes to Iowa DOT Specifications and I.M.'s/MAPLE. The motion to approve was made by Jay Waddingham and seconded by John Fallis. The motion was approved.

IV. Other

A. Discussion Items

- ***Problem with contractors cutting weeds/cleaning up/maintaining construction site?*** Yes.
- ***Driveway criteria?*** Delete what we have since it's a local jurisdiction decision. Great to have in the Design Manual as a recommendation.
- ***Adjust street widths based on 2012 International Fire Code?*** Mason City always gets comments from their fire department to make sure the cul-de-sacs are wide enough. Agree that it's best to follow the International Fire Code.
- ***Continue to require sewer lamping?*** Not lamping here.
- ***Establish response/review time for shop drawings?*** No.
- ***Are you still requiring contractors to file lien waivers or do you just wait the 30 days following acceptance to issue retainage and pay if no Section 573 claim has been filed?*** Wait the 30 days.
- ***Develop specifications section covering short (4' max) poured PCC retaining walls?*** Yes.
- ***Add bid item for detention basin riser pipe/assembly?*** Jon B. has a riser detail, but not the full detail.
- ***Add criteria for maximum manhole depth to a landing? Develop detail?*** Add a note saying if the manhole is greater than 20', consider adding steps.
- ***Water Mains:***
 - ***Delete prestressed concrete cylinder pipe?*** Yes.
 - ***Add HDPE pipe for water main use in Section 5011 and make an official SUDAS Spec Section (currently a developmental spec online only)?*** If it's already out there and being used successfully, why not pull it into SUDAS?
- ***Modify detectable warning panel specifications if Iowa DOT drops polymer panels?*** Iowa DOT decided to keep - no change needed.
- ***Pavement replacement methods for vacuum excavation - panel or allow the core to be reinserted when doing vacuum excavation for elevation checks?*** Still trying to figure this out in Mason City. Maybe this needs to be a discussion in the Design Manual to discuss options for how to handle this issue.
- ***Confusion about interaction with LUST and UST related to water main pipe materials? Clarification needed?*** No concerns with the current information.
- ***Other?***
 - ***Permitting requirements for fiber placement?*** Iowa DOT tried to fight and hold contractors accountable but lost.

B. Iowa Public Works Service Bureau update

An update on the project was presented.

C. Products and/or research

None.

The meeting was adjourned at 1:05 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.