

SUDAS District 4 Committee Meeting Minutes

October 1, 2019

The meeting was called to order at 10:00 am by Scott Reelfs.

Present:

Mike Hackett, Madison County

David Vermillion, City of Council Bluffs

Scott Reelfs, HGM Associates

Dave Sturm, Snyder & Associates

George Parris, JEO Consulting Group

Vince Ehlert, Iowa DOT

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 George Parris and seconded by Dave Vermillion. 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. This district did not have any comments.

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 Dave Sturm and seconded by George Parris. The motion was approved.

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

Clarified fire hydrant placement, clear space, and orientation. The motion to approve was made by Scott Reelfs and seconded by Dave Vermillion. The motion was approved. *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 Vince Ehlert and seconded by Mike Hackett. 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. With the changes made to SW-515, one committee member asked if the title should change to "Triple Rectangular Area Intake" (rather than double). The motion to approve was made by Scott Reelfs and seconded by George Parris. The motion was approved. *Note - the name of the figure was changed accordingly.*

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. This committee suggested deleting Figure 5G-4.05 - just reference Iowa DOT if necessary. The motion to approve was made by Vince Ehlert and seconded by Dave Vermillion. The motion was approved. *Note - the other districts felt Figure 5G-4.05 is okay to leave in.*

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

Established a default cross slope for sidewalks and shared use paths. The motion to approve was made by Dave Sturm and seconded by Mike Hackett. The motion was approved.

G. Temporary traffic signals (Section 8010, 1.08 and 3.06)

Added bid item and execution elements for moving the temporary signal around during a project or changing timing to reflect staging. This district stated they would prefer having this item all under temporary traffic control. The motion to approve was made by George Parris and seconded by Dave Sturm. The motion was approved. *Note - revised the language after this meeting to include all of the timing, staging, etc. within the "includes" item for temporary traffic signals.*

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 George Parris and seconded by Dave Vermillion. 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 Mike Hackett and seconded by Vince Ehlert. The motion was approved.

IV. Other

A. Discussion Items

- ***Problem with contractors cutting weeds/cleaning up/maintaining construction site?*** Council Bluffs has been having troubles and added information as a general note. Like the idea of adding this to the specifications.
- ***Driveway criteria?*** Make the opening width a recommendation rather than a standard (jurisdictional item).
- ***Adjust street widths based on 2012 International Fire Code?*** Is there a liability issue with not meeting International Fire Code? Would not change cul-de-sac - already very large.
- ***Continue to require sewer lamping?*** That's what video inspection is for!
- ***Establish response/review time for shop drawings?*** Iowa DOT standard is 30 days.
- ***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 30 days (Council Bluffs). Snyder does lien waivers as long as they remember.
- ***Develop specifications section covering short (4' max) poured PCC retaining walls?*** If we have a modular option, why not a poured wall as well? Might as well add it.
- ***Add bid item for detention basin riser pipe/assembly?*** Would be nice to have as an item.
- ***Add criteria for maximum manhole depth to a landing? Develop detail?*** Probably better start investigating.
- ***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)?*** Not currently using.
- ***Modify detectable warning panel specifications if Iowa DOT drops polymer panels?*** Use them almost exclusively.
- ***Pavement replacement methods for vacuum excavation - panel or allow the core to be reinserted when doing vacuum excavation for elevation checks.*** No comment.
- ***Confusion about interaction with LUST and UST related to water main pipe materials? Clarification needed?*** This district feels the clarity is already there; they don't deal with this much.
- ***Other?*** None.

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 12:38 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.