

SUDAS District 5 Committee Meeting Minutes

October 24, 2019

The meeting was called to order at 10:04 am by Steve Hausner.

Present:

Bill Haag, Koala Consulting Services
Brad Uitermarkt, Garden & Associates
Christy VanBuskirk, Iowa DOT
Ryne Thornburg, Van Buren County

Steve Hausner, French-Reneker Associates Inc.
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 Ryne Thornburg and seconded by Christy VanBuskirk. 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:

- 1C-1 - submittal checklist - gas, electric, utility, etc? Expand letter o to cover ADA/PROWAG.
- Bullet for suppliers within the pre-construction meeting?
- Move proprietary products list to archived page.

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 Bill Haag and seconded by Christy VanBuskirk. The motion was approved.

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

Clarified fire hydrant placement, clear space, and orientation. After the agenda was prepared, it was called to our attention that the 2018 International Fire Code is out there and more revisions are necessary to this section. No action taken. *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. This committee suggested adding "unless otherwise specified in the contract documents." The motion to approve was made by Ryne Thornburg and seconded by Christy VanBuskirk. The motion was approved. *Note - done.*

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 Bill Haag and seconded by Ryne Thornburg. 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. The motion to approve was made by Bill Haag and seconded by Brad Uitermarkt. The motion was approved.

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

Established a default cross slope for sidewalks and shared use paths. This district felt we that adding any sort of language with a minimum requirement will just create more problems. The motion to DENY this request was made by Ryne Thornburg and seconded by Bill Haag. The motion was approved. *Note - will be discussed further.*

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 Bill Haag and seconded by Christy VanBuskirk. 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. Questioned the mowing height. The motion to approve was made by Ryne Thornburg and seconded by Christy VanBuskirk. The motion was approved. *Note - language matches Iowa State Extension information.*

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 Ryne Thornburg and seconded by Brad Uitermarkt. The motion was approved.

IV. Other

A. Discussion Items

- ***Problem with contractors cutting weeds/cleaning up/maintaining construction site?*** Yes. Suggest saying “comply with local ordinances.”
- ***Driveway criteria?*** Defer to local agency; in the absence of local governance, here are some guidelines you can follow...
- ***Adjust street widths based on 2012 International Fire Code?*** Agree that we need an option that follows International Fire Code, but want to keep the smaller street widths as an option for those smaller communities who have limited budgets and might not even have their own fire equipment.
- ***Continue to require sewer lamping?*** Through the pipe laser instead of lamping.
- ***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?*** Steve - looks like the Iowa Code changed and no longer mentioned lien waivers. Just 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?*** Yes.
- ***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. Like the idea of adding a note better than creating a new detail.
- ***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)?*** Bill - their water department likes HDPE.
- ***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?*** Not sure if we can come up with a “standard” because it depends on the quality of the pavement.
- ***Confusion about interaction with LUST and UST related to water main pipe materials? Clarification needed?*** Need to update based on current Iowa DNR permit language.
- ***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 1:01 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.