

## SUDAS District 3 Committee Meeting Minutes

October 3, 2019

The meeting was called to order at 10:00 am by Randy Krauel.

### Present:

Luke Summers, Bolton & Menk, Inc.  
Randy Krauel, City of Carroll  
Justin Pottorff, City of Sioux City  
Cody Forch, JEO Consulting Group Inc.  
Dustin Wallis, Monona County  
Aaron Lincoln, City of Sergeant Bluff  
Nick Buse, ISG

Brooke Sievers, ISG  
Bryan Wells, DGR Engineering  
Dave Carney, City of Sioux City  
Mark Nahra, Woodbury County  
Dan Eckert, Dickinson County  
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 Dave Carney and seconded by Aaron Lincoln. 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 had the following comments:

- 1B-1, B - delete reference to figure that is being deleted. *Note - done.*
- 1B-1, K and L - make sure to change “ditch” to “open channel.” *Note - done.*
- Suggest deleting the submittal checklist because you can’t possibly cover everything that each agency would want. *Note - left the checklist in.*
- 1F-1, B, 3, a (sewer plans) - remove “if different from the design elevation.” *Note - done.*
- Suggest moving the proprietary products list to the archived list or just state that it’s no longer being maintained. *Note - the list will be deleted.*

### 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 David Carney and seconded by Bryan Wells. The motion was approved.

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

Clarified fire hydrant placement, clear space, and orientation. This district suggested facing the hydrant towards the major road. The motion to approve was made by Randy Krauel and seconded by Aaron Lincoln. 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. This committee suggested adding “longitudinal” to the language. The motion to approve was made by Luke Summers and seconded by Randy Krauel. 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 Dave Carney and seconded by Randy Krauel. 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 Aaron Lincoln and seconded by Cody Forch. 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. The motion to approve was made by Randy Krauel and seconded by Justin Pottorff. The motion was approved.
- 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 Dave Carney and seconded by Mark Nahra. 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. Check the top right name to make sure it's correct. The motion to approve was made by Aaron Lincoln and seconded by Mark Nahra. The motion was approved. *Note - the name was incorrect and has been fixed.*
- 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 Dave Carney and seconded by Nick Buse. The motion was approved.

#### IV. Other

##### A. Discussion Items

- *Problem with contractors cutting weeds/cleaning up/maintaining construction site?* Yes.
- *Driveway criteria?* Make the opening width a recommendation rather than a standard.
- *Adjust street widths based on 2012 International Fire Code?* Another local jurisdiction thing.
- *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?* 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?* Makes sense to add.
- *Add criteria for maximum manhole depth to a landing? Develop detail?* If depth is greater than 20', put in steps or personal fall safety equipment.
- *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)?* Yes.
- *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?* City of Carroll allows cores to be reinserted (with an epoxy).
- *Confusion about interaction with LUST and UST related to water main pipe materials? Clarification needed?* No concerns with the current information. What about designated hot zones (old filling station sites)?
- *Other?*
  - Curing on sidewalks and driveways? Required by some in this area.

##### B. Iowa Public Works Service Bureau update

An update on the project was presented.

##### C. Products and/or research

ADA ramps on steep streets?

The meeting was adjourned at 12:49 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.