

SUDAS District 1 Committee Meeting Minutes

October 16, 2019

The meeting was called to order at 10:00 am by John Gade.

Present:

John Gade, Fox Engineering	John Larson, City of Urbandale
Brad Hopkey, Foth Infrastructure and Environment	David Bovee, HR Green
Steve Klocke, Snyder & Associates	Greg Mulder, ICPA
James Gallagher, Olsson	Dave Skogerboe, HDR
Abby Urbanek, Olsson	Ron Otto, AGC Iowa
Gabe Lee, Iowa DNR	Larry Workman, City of Pleasant Hill
Jason Etnyre, City of Indianola	Phil Northup, City of Pleasant Hill
Tony Trotter City of Fort Dodge	Darwin Larson, APAI
Matt Greiner, City of Johnston	Sarah Okerlund, Iowa DOT
Rob Kline, GBA	Larry Stevens, HR Green
John Peterson, Peterson Planning Strategies	Chadd Kahlsdorf, Bolton & Menk
Eric Johnsen, Iowa DOT	Paul Wiegand, SUDAS
Ron DeGroot, City of Des Moines	Beth Richards, SUDAS
Daniel Harness, Iowa DOT	

I. Administrative

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

The motion to approve the minutes was made by John Peterson and seconded by Jason Etnyre. 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:

- 1D-4 - Bid Items - include additional numbers to help relate to the type and/or size for the item?
- Federal government is now leaving it up to the states to decide if products are appropriate to use (rather than having to get FHWA approval). PIF process.

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 Tony Trotter and seconded by John Peterson. The motion was approved.

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

Clarified fire hydrant placement, clear space, and orientation. This district had the following comments:

- Clarify that the 5 feet is radius.
- Questioned if this is a spec issue or a design issue?
- Reference the fire code? Does the fire code define clear space? Could use language to say WHY you want the 5' clear space (to connect the fire hose)? Ensure 5' of clear space away from obstructions or as approved by the Engineer?

This district 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. This district suggested clarifying that you're matching the running slope and to add this information to the figures. The motion to approve was made by Larry Stevens and seconded by Ron DeGroot. The motion was approved. *Note - added the word longitudinal.*

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. This district suggested adding a construction joint

to the top of the wall of SW-515 for intakes in pavement. The motion to approve was made by Larry Stevens and seconded by Matt Greiner. The motion was approved. *Note - done.*

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 proposing Iowa DOT to go with a 17.5' rather than 17' to help reduce breaking. On Figures 5G-3.10 and 5G-3.11 - change the side street to 1/3 point or 1/4 point jointing rather than gutterline. The motion to approve (matching Iowa DOT and changing widening side street jointing) was made by Larry Stevens and seconded by Tony Trotter. The motion was approved. *Note - Iowa DOT decided to stay with the 17' spacing. Changed the widening side street jointing.*

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 did not want to add this information since it is already included on the figures. No action taken.

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 Peterson and seconded by Ron DeGroot. 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. This district suggested changing the proposed language to say the minimum requirements are... The motion to approve was made by John Peterson and seconded by Jason Etnyre. The motion was approved. *Note - the language was revised accordingly.*

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 Larry Stevens and seconded by Ron DeGroot. The motion was approved.

IV. Other

A. Discussion Items

- ***Problem with contractors cutting weeds/cleaning up/maintaining construction site?*** Seems to be an issue with the metro contractors.
- ***Driveway criteria?*** No definitive answers
- ***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?*** 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?*** Indifferent.
- ***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 or a landing meeting ___ requirements.
- ***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)?*** Iowa Rural Water Utilities uses it.
- ***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?*** Urbandale - remove panel and replace. Johnston - depends on how many cores they punch into that panel. Should be a local decision.
- ***Confusion about interaction with LUST and UST related to water main pipe materials? Clarification needed?*** No concerns with the current information. Iowa DNR - thinks there are typos in our information.

- **Other?**
 - Some cities no longer allowing internal chimney seals
 - Larry wants a list of Code references for bidding
 - Ron (Des Moines) -
 - 1070, 2.17 - ready mixed concrete waste - washout only in specified areas and contractors are wanting extra money. Would like the cost to be incidental.
 - 7030, 3.04, D - default to cure sidewalks, shared use paths, or driveways
 - Larry Workman - curing compound problems

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 1:08 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.