

SUDAS East Region Meeting Minutes

April 23, 2025

The meeting was called to order at 10:05 am by Phillip Burgmeier.

Present:

DeWayne Heintz, Jefferson County

Tim Cutsforth, HR Green

Scott Larson, City of Coralville

Mark Crawford, Crawford Engineering

Eric Schallert, Stanley Consultants

Phillip Burgmeier, City of Ottumwa

Patrick Schwickerath, Snyder & Associates

Jon Fitch, City of Hiawatha

Michelle Cheever, Bolton & Menk

Angie Kersten, Scott County

Wayne Castle, City of Waterloo

Dan Kimball, AECOM

John Fallis, City of Charles City

Dillon Feldmann, Iowa DOT

Casey Stickfort, Clayton County

Jon Biederman, Fehr Graham

Bryan Dannen, Stanley Consultants

Joe Welter, City of Iowa City

Jacob Hahn, City of Marion

Dave Panos, Shive Hattery

Michael Kurek, HDR Engineering

David Carney, SUDAS

Beth Richards, SUDAS

I. Administrative

A. Meeting minutes

The motion to approve the minutes was made by Patrick Schwickerath and seconded by Jon Fitch. The motion was approved.

B. Schedule of meetings

A proposed schedule of regional meetings for 2025 was presented. The committee concurred with the proposed meeting schedule.

C. Board of Directors meeting

A summary of the actions taken with the November electronic vote was presented.

II. Design Manual Items

A. Determining structure diameter (Sections 2C-3, G, and 3C-1, L, 10)

Consider modifications based on National Precast Concrete Association. Approved the item by consent.

B. Thrust block and anchor block sizing (Design Section 4C-1, K and Spec Fig 5010.101)

Modify thrust block sizing chart based on calculations. Consider use of AWWA recommended factor of safety. Add formula and table for anchor block sizing. Suggested changing the language to require using restrained joints on pipes greater than 12 since 14 inch is an uncommon size. The motion to approve was made by Eric Schallert and seconded by Mark Crawford. The motion was approved.

III. Specifications Manual Items

A. Proof rolling (Section 1080, 1.06, B, 2)

Modify language to add expiration and conditions to require proof rolling to be performed again. One person asked about rock language. Suggested to approve as is and address the rock in the fall. The motion to approve was made by DeWayne Heintz and seconded by Jon Fitch. The motion was approved.

B. Concrete pipe supports (Section 3010, 1.08, F and G)

Add bid items to pay for concrete pipe supports of new and existing utility lines. The motion to approve was made by Michelle Cheever and seconded by Dan Kimball. The motion was approved.

C. Pipe size for solid wall PVC pipe (Section 4010, 2.01, B)

Modify language to increase allowable pipe size for sanitary sewers from 27 to 48 inch for solid wall PVC materials. This complies with the cited ASTM F 679 and conforms to the existing design table for buried depths. The motion to approve was made by Jon Fitch and seconded by Bryan Dannen. The motion was approved.

D. Pipe size for closed profile PVC pipe (Section 4010, 2.01, D)

Modify language to increase allowable pipe size for sanitary sewers from 36 to 60 inch for closed profile PVC materials. This complies with the cited ASTM F 1803 and conforms to the existing design

table for buried depths. The motion to approve was made by Jon Fitch and seconded by Jake Hahn. The motion was approved.

E. Sewer video inspections (Section 4060, 3.02, A and D)

Add language to better ensure quality of video inspections being performed and to allow rejection by the Engineer. Iowa City has additional language for “low quality”. The group suggested looking into this language and potentially adding in the fall. The motion to approve was made by Eric Schallert and seconded by Dillon Feldmann. The motion was approved.

F. Infiltration barriers on polypropylene adjustment rings (Section 6010, 2.09, A, 3. and 2.11, A, 4.)

Remove language prohibiting the use of heat shrinkable infiltration barriers based on independent testing performed. The motion to approve was made by Patrick Schwickerath and seconded by Dave Panos. The motion was approved.

G. Dowel bar retrofit (Figure 7040.106/PR-106)

Iowa DOT Construction and Materials Bureau requested making our dowel bar retrofit detail a shared figure with some very minor modifications. The motion to approve was made by Jake Hahn and seconded by John Fallis. The motion was approved.

IV. Other

A. Discussion items

- *Modifications to allow the use of polypropylene storm sewer pipe meeting ASTM F 2881 vs. the current requirement of ASTM F 2764.* One said if we allow double walled polyethylene, should probably allow for polypropylene; another said leave as is.
- *Request to allow PVC structures as equivalent to structures SW-401, SW-402, SW-501, SW-502, SW-505, SW-507, SW-511, SW-512.* No.
- *How to address precast lifting bracket and cables?* One consultant stated he has addressed this in the past. Find out how many precasters are still using these and then address.
- *SF 489*
 - *Adding Developer’s Council and/or HBA as Advisory Members.* Reach out to the HBA/DC and find out what they’re hoping to gain and offer them an olive branch
 - *Revising the Board of Directors make up?* No comment.
- *Water service lines (PEX).* Mixed opinions about allowing.
- *Retainage funds* - reduced from 5% to 3% (at Governor’s desk right now). SF 574.
- *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 11:32 am. Minutes recorded by Beth Richards, SUDAS Program Specialist.