

SUDAS Central Region Meeting Minutes

April 16, 2025

The meeting was called to order at 10:03 am by John Gade.

Present:

John Gade, Strand	Larry Workman, City of Pleasant Hill
Steve Naber, City of Des Moines	Dean Sayre, City of Ames
David Bovee, Olsson	Matt Greiner, City of Johnston
Jeff May, City of Clive	Aaron Jarosh, City of Grimes
Larry Stevens, HR Green	Jay Waddingham, Franklin County
Danny Knispel, City of Altoona	Akhilesh Pal, City of Indianola
Brad Hopkey, Foth	Mike Danburg, S.E.H.
Kristin Brostrom, City of Urbandale	Becky Schwab, S.E.H.
Sarah Okerlund, Iowa DOT	Tom Vlach, City of Des Moines
Mike Thiel, Iowa DOT	Steve Klocke, Snyder & Associates
Darwin Larson, APAI	Lauren Deschaine, HDR
Amy Quartell, City of Ankeny	David Carney, SUDAS
Nichole Sungren, MSA	Beth Richards, SUDAS

I. Administrative

A. Meeting minutes

The motion to approve the minutes was made by Larry Stevens and seconded by Jeff May. 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. This group suggested including both figures but fixing the old one and changing “concrete” leg to “structural” leg. The motion to approve was made by Mike Danburg and seconded by Steve Naber. The motion was approved.

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. The group had the following comments: change “stirrup” to “strap” as that’s the term we commonly use; leave table as is with no additional safety factor; use restrained joints on pipes 14 inch and greater. The motion to approve was made by Matt Greiner and seconded by Larry Stevens. 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. This group suggested rewording to “Perform proof rolling no more than 7 days prior to paving operation with a truck loaded as approved by the Engineer using either...” Add the requirement to proof roll again in #3. The motion to approve was made by Steve Naber and seconded by Matt Greiner. 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 Steve Naber and seconded by Kristin Brostrom. 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 Steve Naber and seconded by Tom Vlach. The motion was approved (one nay).

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. Add language in execution (flexible pipe) stating anything over 36 inch needs to be specified or per manufacturer's requirements. The motion to approve was made by Steve Klocke and seconded by Jeff May. 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. This group suggested the following: the software has to be compatible with NASCO software and the report needs to be signed by a NASCO certified employee. After much discussion, the group decided these items could be brought back in the future. The motion to approve the proposal as is was made by Steve Naber and seconded by Matt Greiner. 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 Larry Stevens and seconded by Kristin Brostrom. 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 Steve Naber and seconded by Mike Danburg. 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.* No support for this.
- *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?* Not worried about it.
- *SF 489*
 - *Adding Developer's Council and/or HBA as Advisory Members*
 - *Revising the Board of Directors make up?* Didn't feel like a change was necessary.
- *Water service lines (PEX).* Not currently an option in our specs. Several communities in this region are already allowing it.
- *Other?*

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 11:39 am. Minutes recorded by Beth Richards, SUDAS Program Specialist.