

SUDAS West Region Meeting Minutes

April 24, 2025

The meeting was called to order at 10:03 am by Dave Vermillion.

Present:

David Vermillion, City of Council Bluffs
Zach Wheat, HGM
Aaron Lincoln, City of Sergeant Bluff
Cole Budach, Clay County
Gary Sasse, JEO Consulting Group
Randy Krauel, City of Carroll
Travis Adair, Iowa DOT
Heloisa Murphy, Iowa DOT

Dave Sturm, Snyder & Associates
Jason Eygabroad, Beck Engineering
Amanda Goodenow, ISG
Gordon Phair, City of Sioux City
Bryan Wells, DGR
Ross Wood, Iowa DOT
David Carney, SUDAS
Beth Richards, SUDAS

I. Administrative

A. Meeting minutes

The motion to approve the minutes was made by Randy Krauel and seconded by Aaron Lincoln. The motion was approved.

B. Schedule of meetings

A proposed schedule of regional meetings for 2025 was presented. Switching the next meeting (and future) to Thursday after the East meeting.

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. The motion to approve was made by Amanda Goodenow and seconded by Gordon Phair. 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 motion to approve was made by Cole Budach and seconded by Dave Sturm. 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. The motion to approve was made by Randy Krauel and seconded by Gordon Phair. 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 Gary Sasse and seconded by Jason Eygabroad. 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 Dave Sturm and seconded by Randy Krauel. 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 Amanda Goodenow and seconded by Dave Vermillion. 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. The motion to approve was made by Gary Sasse and seconded by Amanda Goodenow. 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 Randy Krauel and seconded by Dave Sturm. 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 Gordon Phair and seconded by Cole Budach. 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.** There would be some cases for using this pipe, however would like to just let the engineers to allow it if they want.
- **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?** No one had anything they were using in particular.
- **SF 489**
 - **Adding Developer's Council and/or HBA as Advisory Members.** Okay with adding as an advisory member; questioned if it will really accomplish what they want.
 - **Revising the Board of Directors make up?** See above.
- **Water service lines (PEX).** Some communities in this area are using.
- **Retainage funds** - reduced from 5% to 3% (at Governor's desk right now). SF 574.
- **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 10:58 am. Minutes recorded by Beth Richards, SUDAS Program Specialist.