

SUDAS Board of Directors Meeting Minutes

May 18, 2022

The meeting was called to order at 10:04 am by John Joiner.

Members Present:

John Joiner, City of Ames
Larry Stevens, HR Green, Inc.
Ron Knoche, City of Iowa City
Mark Rahm, City of Mason City
Michelle Sweeney, AECOM
Randy Krauel, City of Carroll
Brent Morlok, City of Bettendorf
Daniel Harness, Iowa DOT
Eric Johnsen, Iowa DOT
David Carroll, Warren County
Ryne Thornburg, Van Buren County
Pam Cooksey, City of Des Moines
Matt Cox, City of Council Bluffs
Dave Vermillion, City of Council Bluffs
John Rasmussen, Pottawattamie County
Mark Mueller, City of Ankeny
Paul Geilenfeldt, Marshall County
Bob Schiesl, City of Dubuque
John Gade, FOX Strand, Inc.
Matt Ferrier, Bolton & Menk, Inc.

Members Absent:

Jenifer Bates, Iowa DOT
David Carney, City of Sioux City
Ken DeKeyser, City of Cedar Rapids
Brenna Fall, City of Cedar Rapids
Steve Hausner, French-Reneker Associates
Jamie Knutson, City of Waterloo
Scott Larson, City of Coralville
Ben Loots, Humboldt County
Sarah Okerlund, Iowa DOT
Greg Parker, Johnson County
Lee Tippe, City of Cedar Rapids
Tom Vlach, City of Des Moines
Mike Thiel, Iowa DOT
Jeff Krist, City of Council Bluffs
Aaron Lincoln, City of Sergeant Bluff
Brian Schadt, City of Davenport
Dustin Wallis, Monona County

Advisory Members Present:

Darwin Larson, APAI
Gabe Lee, Iowa DNR
Steve Klocke, Snyder & Associates

Staff Present:

Paul Wiegand, SUDAS
Beth Richards, SUDAS

I. Consent Agenda

The consent agenda items are listed below. The motion to approve the consent items was made by Larry Stevens and seconded by Randy Krauel. The motion was approved.

- Minutes of previous meeting
- Errata and format revisions
- Storm and sanitary manhole drop (Sections 2C-3, G, 6 and 3C-1, L, 5)
- Clearing and grubbing (Section 2010, 1.08, C and 3.01, D)
- Precast top (Figures 6010.301, 303, and 305)
- Cement alternatives (Section 7010, 2.01, A)
- Railroad crossing approaches (Figures 7010.903 and 7020.902)

II. Administrative

A. Budget and work plan

The 2022-2023 work plan and budget were presented. The motion to approve was made by Ron Knoche and seconded by Michelle Sweeney. The motion was approved.

III. Design Manual Items

A. Street flow criteria (Section 2A-3, Table 2A-3.01 and Table 2A-3.02)

Added roundabouts to the street classifications related to allowable spread of stormwater. The motion to approve was made by Brent Morlok and seconded by Bob Schiesl. The motion was approved.

B. Separation of water mains from sewer mains (Design Sections 2D-1, F; 3C-1, G; and 4C-1, G; Spec Sections 4010, 3.12; 4020, 3.08; and 5010, 3.06)

Updated water and sewer separation language based on new Iowa DNR rules. One member noted a typo - says sewer instead of sewer (4 times). The motion to approve was made by John Gade and seconded by Ryne Thornburg. The motion was approved. *Note - corrected errors.*

IV. Specifications Manual Items

A. Composite castings (Section 6010, 2.10, C)

Added composite castings as an alternative product. The motion to approve was made by John Rasmussen and seconded by Randy Krauel. The motion was approved.

B. Admixtures (Section 7010, 2.01, G)

Added I.M. 403 reference for approved sources for admixtures including new CarbonCure. The motion to approve was made by Larry Stevens and seconded by Ron Knoche. The motion was approved.

C. Curing compound (Section 7011, 1.08, A, 7; 2.01, M; and 3.02, E, 3)

Added liquid curing compound as an option for a bond breaker for PCC overlay of concrete. The motion to approve was made by Randy Krauel and seconded by Bob Schiesl. The motion was approved.

V. Other

A. Discussion items

- **Complete streets** - Paul summarized the current recommendations based on the Iowa DOT's research project on complete streets. Bicycle facilities - clear of stormwater requirement? Asphalt vs concrete joint - intakes and boxouts as well? Concerns with lowering the lane width for arterials - would like preferred to stay at 12 feet. Iowa City has implemented an 11 foot lane. Des Moines has implemented several of the complete streets policies, but now are getting push back from transit and trucks not being able to turn. Decision was a political rather than engineering based. Michelle has a community who has "bought into" complete streets; however, they had SUDAS to support the min and preferred lane widths so would be concerned about changing that.
- **Erosion and sediment control** - a committee was re-established and started meeting in January. Paul summarized their recommendations so far.
- Proposed railroad crossing approach changes - when discussing the minor changes to the railroad crossing approach figures, a comment was made that the small piece of asphalt in the approach is very expensive and requested allowing that to be concrete. We deleted this option in 2005 because the railroads require that piece to be asphalt. However, the Iowa DOT has a concrete option and would like us to include that option. Paul will continue discussions with the Iowa DOT and the railroads to work through this item. DW joint - non-working joint. Is there a detail in the Design Manual on that?

B. Iowa Public Works Service Bureau update - Paul gave a summary of current activities.

C. Products and/or research - none.

The meeting was adjourned at 11:34 a.m.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.