

SUDAS District 3 Meeting Minutes

April 6, 2023

The meeting was called to order at 10:03 am by Randy Krauel.

Present:

Justin Pottorff, City of Sioux City
Danny Sturm, JEO Consulting Group
Cody Forch, McClure Engineering
Mark Nahra, Woodbury County
Randy Krauel, City of Carroll
Cole Budach, Dickinson County

Jason Eygabroad, Beck Engineering
David Carney, City of Sioux City
Aaron Lincoln, City of Sergeant Bluff
Paul Wiegand, SUDAS
Beth Richards, SUDAS

I. Administrative

A. Election of officers

According to the corporation bylaws, the districts are to elect a Chair and a Vice Chair every two years. The motion to elect Randy Krauel as the Chair and Cole Budach as the Vice Chair was made by Mark Nahra and seconded by Danny Sturm. The motion was approved.

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

The motion to approve the minutes was made by Cody Forch and seconded by Randy Krauel. The motion was approved. The committee concurred with the proposed meeting schedule.

II. Design Manual Items

A. Time of concentration (Section 2B-4, B, 1, b and 3, c)

Modified discussions on minimum time of concentration. One person requested looking at the time of concentration guidance related to stormwater management. The motion to approve was made by David Carney and seconded by Danny Sturm. The motion was approved.

B. Storm distribution for hydrograph routing (Sections 2A-4, 2B-4, and 2B-5)

Updated to new NRCS region-specific storm distributions. The motion to approve was made by David Carney and seconded by Cole Budach. The motion was approved.

C. Complete streets (Sections 5C-1, 5C-2, 5M-1, 12A-1-5, 12B-1-3, 13A-3, and 13A-4)

An IHRB project to develop a DOT Complete Streets Policy proposed updates to several sections. These changes are included in Chapter 5 (geometric tables and elements and complete streets), Chapter 12 (sidewalks, bicycles, pedestrians, and accessible traffic signals), and Chapter 13 (pedestrian elements in traffic signal design). The motion to approve was made by David Carney and seconded by Danny Sturm. The motion was approved.

D. Erosion and sediment control regulatory requirements (Section 7B-1, B, 3 and C, 3)

Updated the regulatory elements to match the new NPDES General Permit No. 2 requirements, effective March 1, 2023. The motion to approve was made by David Carney and seconded by Danny Sturm. The motion was approved.

E. Erosion and sediment control (various sections in Chapter 7)

The SUDAS Erosion and Sediment Control Committee proposed various revisions to Chapter 7. The motion to approve was made by Mark Nahra and seconded by Justin Pottorff. The motion was approved.

III. Specifications Manual Items

A. Release of bid security (Section 1020, 1.15, C)

Clarified the release of bid security to unsuccessful bidders. The motion to approve was made by David Carney and seconded by Danny Sturm. The motion was approved.

B. Storm sewer joint opening (4020, 3.05, B, 3)

Modified joint opening requirements for gasketed storm sewer. The motion to approve was made by David Carney and seconded by Aaron Lincoln. The motion was approved.

- C. Double grate intake with manhole** (new Figure 6010.516)
Developed a modification of SW-506 to make it a rectangle. The motion to approve was made by David Carney and seconded by Cody Forch. The motion was approved.
- D. Supplementary cementitious material clarification** (Section 7010, 2.02, C, 3)
Identified the combinations of cement types that can be used with fly ash and GGBFS. The motion to approve was made by David Carney and seconded by Randy Krauel. The motion was approved.
- E. Pavement smoothness requirements** (Sections 7010, 3.07 and 7020, 3.05)
Updated pavement smoothness quality control to reflect DOT deleting their specifications section on profilograph and adding inertial profiler. The motion to approve was made by David Carney and seconded by Mark Nahra. The motion was approved.
- F. MIT thickness** (Section 7010, 3.07, D)
Added non-destructive measurement specifications to determine the pavement thickness and thickness index. The motion to approve was made by Mark Nahra and seconded by Randy Krauel. The motion was approved.
- G. Thin lift overlays** (Section 7021, 3.01, B)
Clarified placement and opening temperatures. The motion to approve was made by David Carney and seconded by Jason Eygabroad. The motion was approved.
- H. Traffic signal conduit** (Section 8010, 2.01, B)
Clarified Schedule 80 PVC meets the heavy wall conduit requirement. The motion to approve was made by Jason Eygabroad and seconded by Cole Budach. The motion was approved.
- I. Chain link fence** (Section 9060, 1.08, A)
Developed bid item for residential chain link fence. The motion to approve was made by David Carney and seconded by Mark Nahra. The motion was approved.
- J. Safety rail** (Section 9080, 1.08, C)
Added the concrete for ground mounting of the safety rail to be included with the bid item. The motion to approve was made by David Carney and seconded by Cody Forch. The motion was approved.

IV. Other

A. Discussion items

- *Should we develop execution language for minor adjustment of brick manholes?* Yes.
- *Should we add specific criteria for removal of pipe due to type, width, and length of cracks noted by TV inspection (Section 4060, 3.02) or continue to allow the engineer to make the decision on a case-by-case basis?* No.
- *Add AASHTO R 73 as the standard for pre-installation inspection of RCP?* No.
- *Roundabouts - colored concrete truck apron - curing compound spec?* Projects here said colored concrete has a specific sealer to use.
- *Other?* Pavement scaling - top 1/16 inch? McClure has had this happen 5 times (different people, different projects) - seems to be a fly ash issue. Beck has also had this trouble. Possible ASR?

B. Iowa Public Works Service Bureau update

An update on the project was presented. Sign program funding?

C. Products and/or research

None.

The meeting was adjourned at 12:11 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.