

SUDAS District 1 Meeting Minutes

April 12, 2023

The meeting was called to order at 10:05 am by Paul Wiegand.

Present:

Steve Klocke, Snyder & Associates

Larry Stevens, HR Green

Jenifer Bates, Iowa DOT

Tom Vlach, City of Des Moines

Ben McAlister, City of West Des Moines

David Bovee, HR Green

Brad Hopkey, Foth

Eric Johnsen, Iowa DOT

Daniel Harness, Iowa DOT

Dean Sayre, City of Ames

Larry Workman, City of Pleasant Hill

Kristin Brostrom, City of Urbandale

Mike Thiel, Iowa DOT

Michael Mitchell, JEO

Aaron Jarosh, City of Grimes

Nichole Sungren, MSA

Danny Knispel, City of Altoona

Darwin Larson, APAI

Mike Danburg, SEH

Austin Morrow, City of Fort Dodge

Rudy Koester, City of Waukee

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 John Gade as the Chair and Jeff May as the Vice Chair was made by Larry Stevens and seconded by Larry Workman. The motion was approved.

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

The motion to approve the minutes was made by Mike Danburg and seconded by Larry Stevens. 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. The motion to approve was made by Larry Stevens and seconded by Rudy Koester. 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 Tom Vlach and seconded by Rudy Koester. 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 Tom Vlach and seconded by Larry Stevens. 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 Mike Danburg and seconded by Rudy Koester. 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 Larry Stevens and seconded by Rudy Koester. 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 Brad Hopkey and seconded by Mike Danburg. 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 Rudy Koester and seconded by Ben McAlister. 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 Kristin Brostrom and seconded by Larry Stevens. 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 Mike Danburg and seconded by Rudy Koester. 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 Tom Vlach and seconded by Rudy Koester. 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 Mike Danburg and seconded by Rudy Koester. 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 Rudy Koester and seconded by Larry Stevens. 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 Brad Hopkey and seconded by Rudy Koester. The motion was approved.
- I. Chain link fence** (Section 9060, 1.08, A)
Developed bid item for residential chain link fence. One person asked about adding residential gates. The motion to approve was made by Rudy Koester and seconded by Nichole Sungren. The motion was approved. *Note - gates are the same for residential and commercial and are a separate bid item.*
- 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 Tom Vlach and seconded by Mike Danburg. 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?* One suggestion was to have guidance in the Design Manual. Still like having engineering judgement.
- *Add AASHTO R 73 as the standard for pre-installation inspection of RCP?* Some were in favor of this idea because it gives the field inspector more guidance. Another said he didn't want the spec. Suggested adding this guidance to the website or in the Design Manual.
- *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 11:42 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.