

SUDAS District 5 Webinar Minutes

October 21, 2021

The meeting was called to order at 9:01 am by Steve Hausner.

Present:

Bill Haag, Koala Consulting Services
Steve Hausner, French-Reneker Associates, Inc.
Brad Skinner, Appanoose County
Melanie Carlson, City of Fairfield
DeWayne Heintz, Jefferson County
Christy Van Buskirk, Iowa DOT
Sean Murphy, City of Oskaloosa
Jesse Howe, City of Burlington

Brad Uitermarkt, Garden & Associates
Courtney Ryan, City of Oskaloosa
Ryne Thornburg, Van Buren County
Phillip Burgmeier, City of Ottumwa
Zach Leach, Prairie Engineers
Tyler Christian, Marion County
Paul Wiegand, SUDAS
Beth Richards, SUDAS

I. Administrative

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

The meeting minutes were approved. The committee concurred with the proposed meeting schedule.

B. Board of Directors meeting minutes

A summary of actions from the April/May electronic vote was presented.

II. Design Manual Items

A. Complete streets study (Chapters 5, 12, and 13)

An IHRB project is proposing updates to several shared SUDAS/Iowa DOT 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). Paul presented a quick summary of the proposed updates. No comments.

B. Traffic signals (Design Sections 13A-1 through 13A-5 and Spec Section 8010)

Revised the design and spec sections on traffic signals with guidance from the SUDAS Traffic Signal Committee. One person suggested referencing an MUTCD number for the sign on the pedestrian push button. *Note - staff looked into including; however, there are too many options and the written specs already state the pedestrian push button detector signs must comply with MUTCD (8010, 2.02, B, 4).* The item was approved.

III. Specifications Manual Items

A. Granular stabilization (Section 2010, 1.08, H)

Added bid item for replacement of unstable material. One person asked to clarify that this item does not include other foundation treatments. *Note - added clarification.* The item was approved (two no's).

B. Casing pipe (Section 3020, 2.02, A)

Added additional equivalent material to improve availability and potentially reduce costs. The item was approved.

C. Water main testing and disinfection (Section 5030, 3.01-3.09)

Updated testing procedures to match AWWA C651. The item was approved.

D. PCC paving updates (Section 7010, 2.01, H and 3.01, C, 2, h; Section 7011, 3.02, J, 1, e; Section 7040, 3.03, B, 5)

Added reference for new Iowa DOT section on glass fiber reinforced polymer dowel bars and clarified that only metallic bars must be epoxy coated. Added an acceptable range to accommodate different vibrators for machine paving. Included requirement for sealing all saw joints. Sealed the edges of pavement patches with grout. The item was approved.

E. Driveway curb transition (Figures 7030.101 and 7030.102)

Added information on the slope of the curb transition at driveways. District 6 was concerned about getting exactly a 1:1 slope; suggested adding "nominal" to the wording. This district suggested "minimum." *Note - used the word "minimum".* The item was approved.

F. Jointing for PCC patches (Figure 7040.102)

Clarified the type of joint to use. One person suggested in new note 3, add a return before the second sentence so it starts on the next line, just to eliminate any errors of reading. *Note - done.* The item was approved.

G. Channelizing devices (Section 8030, 2.03)

Added channelizing devices that comply with NCHRP 350 of MASH-16 (Manual for Assessing Safety Hardware). The item was approved.

H. Traffic signs (Section 8040)

Added a new section providing for contractor supplied permanent traffic signs. No comments.

IV. Other

A. Discussion items

- *Allow expansion joint on the PCC paving side of storm sewer intake boxouts? Also, modify the width of expansion joints at manholes and intake boxouts?* Don't add expansion joint. No comments on the expansion joint width.
- *Delete the 1 inch fiberboard between the asphalt fillet and the end of the railroad tie in Figures 7010.902 and 7020.903?* Okay with deleting the fiberboard.
- *Fiberglass dowel bars and seed shortages.* No comments.
- *Should we develop a Design Manual section on asset/pavement management?* Agreed with the other districts to leave out of SUDAS and to let the PWSB handle it more in-depth.
- *Other?* None.

B. Iowa Public Works Service Bureau update

An update on the project was presented. One person asked about a NEEDS survey for streets.

C. Products and/or research

None.

The meeting was adjourned at 10:24 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.