

## SUDAS District 1 Webinar Minutes

October 13, 2021

The meeting was called to order at 9:02 am by John Gade.

### Present:

John Gade, Fox Engineering  
Tom Vlach, City of Des Moines  
Nichole Sungren, MSA  
Dave Skogerboe, HDR  
Tracy Peterson, City of Ames  
Jeff May, City of Clive  
Darwin Larson, APAI  
Larry Workman, City of Pleasant Hill  
Kristin Brostrom, City of Urbandale  
Quinn Lopreato, Olsson  
Tara Naber, Iowa DNR  
Chadd Kahlsdorf, Bolton & Menk

Akhilesh Pal, City of Indianola  
David Bovee, HR Green  
David Green, HNTB Corporation  
Steve Klocke, Snyder & Associates  
Danny Sturm, JEO Consulting Group  
Brad Hopkey, Foth  
Sarah Okerlund, Iowa DOT  
Daniel Harness, Iowa DOT  
Eric Johnsen, Iowa DOT  
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. The item was approved.

### III. Specifications Manual Items

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

Added bid item for replacement of unstable material. The item was approved.

#### 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. District 1 had the following comments:

- a. 3.04, I - delete "according to AWWA C600." *Note - done.*
- b. 3.07, A, last sentence - change from "the Engineer may" to "the Engineer "shall". *Note - deleted "the Engineer may" to change language to imperative mood and as a directive to the contractor.*
- c. 3.09 - clarify that both sample sets need to pass before the water main is put into service. *Note - clarified.*

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. The item was approved.

**F. Jointing for PCC patches** (Figure 7040.102)

Clarified the type of joint to use. 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?* No strong feelings from this group (one stated they would likely write the expansion joint out if it gets added). This group also had no strong feelings about the expansion joint width.
- *Delete the 1 inch fiberboard between the asphalt fillet and the end of the railroad tie in Figures 7010.903 and 7020.902?* Okay with deleting the fiberboard (one person stated he's currently working with a railroad and was asked to take it out).
- *Fiberglass dowel bars and seed shortages.* No comments.
- *Should we develop a Design Manual section on asset/pavement management?* One commented that it could perhaps be mentioned in the Design Manual, but let the PWSB handle it more in-depth.
- *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 10:14 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.