

SUDAS District 6 Webinar Minutes

October 20, 2021

The meeting was called to order at 9:02 am by Lee Tippe.

Present:

Lee Tippe, City of Cedar Rapids

Garret Reddish, Linn County

Brenna Fall, City of Cedar Rapids

Dave Panos, Shive Hattery

Joe Welter, City of Iowa City

Mark Crawford, Crawford Engineering & Surveying

Jake Hahn, City of Marion

Brent Morlok, City of Bettendorf

Greg Shuger, Stanly Consultants

Bryan Benjamin, McClure

Patrick Schwickerath, Snyder & Associates

Darin Andresen, City of Marion

Bob Schiesl, City of Dubuque

Ken DeKeyser, City of Cedar Rapids

Clayton Carper, Foth Infrastructure and Environment

Bob Tobin, Shoemaker and Haaland

Stephanie Hemberger, HNTB Corporation

Barrett Hubbard, Shive-Hattery, Inc.

Brian Schadt, City of Davenport

Mike Kurek, HDR

Dave Skogerboe, HDR

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 (two no's).

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

Added additional equivalent material to improve availability and potentially reduce costs. This committee requested defining APL. *Note - typo - should be API (American Petroleum Institute). Fixed and added to the abbreviation list.* 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. This district was concerned about getting exactly a 1:1 slope; suggested adding "nominal" to the wording. *Note - used the word "minimum" instead.* 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?* Other districts were concerned about needing to seal the joint if it's an expansion joint. One person expressed his concern with having an expansion joint and bikes; would not like to see the expansion joint. For the width, a 1/2 inch expansion joint was a request from Cedar Rapids. Others commented that they were not sure if the 1/2 inch would allow for enough movement.
- *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?* One commented there are plenty of other guides and manuals that handle this topic and it would "clutter" our Design Manual. Let the PWSB handle it more in-depth.
- *Other?* Cedar Rapids - mowing is incidental to a construction contract - make it a pay item? Hard to get the contractor to actually mow the area. Marion has created a mowing bid item for one particular project. Iowa DOT has a bid item for mowing.

B. Iowa Public Works Service Bureau update

An update on the project was presented.

C. Products and/or research

One person suggested looking into MMA (methyl methacrylate) pavement marking material

The meeting was adjourned at 10:30 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.