

SUDAS District Webinar Minutes

February 23, 2022

The meeting was called to order at 9:02 am by Paul Wiegand.

District 1 Members Present:	
Akhilesh Pal, City of Indianola Austin Morrow, City of Ft. Dodge Brad Hopkey, Foth Infrastructure and Environment Chad Shaeffer, City of Ft. Dodge Chris Kuhl, City of Des Moines Daniel Harness, Iowa DOT Danny Knispel, City of Altoona David Bovee, HR Green, Inc. David Kamp, City of Des Moines David Skogerboe, HDR, Inc. Eric Gjersvik, ISG Eric Johnsen, Iowa DOT Jeff May, City of Clive	Jenifer Bates, Iowa DOT John Gade, FOX Strand, Inc. John Peterson, Peterson Planning Strategies Kristin Brostrom, City of Urbandale Larry Stevens, HR Green, Inc. Matt Ahrens, City of Grimes Mike Thiel, Iowa DOT Nichole Sungren, MSA Professional Services Paul Geilenfeldt, Marshall County Stephanie Hemberger, HNTB Steve Klocke, Snyder & Associates Tara Naber, Iowa DNR Tracy Peterson, City of Ames
District 2 Members Present:	
Jay Waddingham, Franklin County Jon Biederman, Fehr Graham	Mark Durbahn, AECOM Mark Rahm, City of Mason City
District 3 Members Present:	
Aaron Lincoln, City of Sergeant Bluff Amanda Goodenow, ISG Brad Beck, Beck Engineering Brooke Sievers, ISG Bryan Wells, DGR Engineering	Cody Forch, McClure Engineering Jeff Shelton, Iowa DOT Justin Pottorff, City of Sioux City Mark Nahra, Woodbury County Wes Boyer, Bolton & Menk
District 4 Members Present:	
Dave Sturm, Snyder & Associates Dave Vermillion, City of Council Bluffs Gary Sasse, JEO Consulting Group Jeff Krist, City of Council Bluffs	John Jorgensen, HGM Associates Mike Hackett, Madison County Ross Wood, Iowa DOT
District 5 Members Present:	
Brad Uitermarkt, Garden & Associates Christy VanBuskirk, Iowa DOT Courtney Ryan, City of Oskaloosa David Carroll, Warren County	DeWayne Heintz, Jefferson County Melanie Carlson, City of Fairfield Tyler Christian, Marion County Bill Haag, Koala Consulting Services
District 6 Members Present:	
Angie Kersten, Scott County Brent Morlok, City of Bettendorf Bryan Benjamin, McClure Engineering Darin Andresen, City of Marion Greg Shuger, Stanley Consultants Heidi Lane, HNTB Jake Hahn, City of Marion Jennifer Selby, City of Cedar Rapids Joe Welter, City of Iowa City	Jon Fitch, City of Hiawatha Lee Tippe, City of Cedar Rapids Mark Crawford, Crawford Engineering & Surveying Mike Kurek, HDR Patrick Schwickerath, Snyder & Associates Robert Schiesl, City of Dubuque Taylor Burgin, City of Cedar Rapids Zaid Alsamawi, City of Coralville
Staff Present:	
Paul Wiegand, SUDAS	Beth Richards, SUDAS

I. Administrative

A. Schedule of district meetings

The proposed schedule of district meetings was presented.

B. Board of Directors meeting minutes

A summary of actions taken by the Board during the October/November 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). No comments.

B. Separation of water mains from sewer mains (Design Section 4C-1 and Spec Sections 4010, 3.12; 4020, 3.08; and 5010, 3.06)

Updated water and sewer separation language based on new Iowa DNR rules. Questioned if this section addresses separation between storm intakes and sanitary manholes. Include a clarification regarding culverts per Iowa DNR. *Note - done.*

III. Specifications Manual Items

A. Precast top (Figure 6010.301)

Added a new note to allow for eccentric flat top in lieu of eccentric cone section. No comments.

B. Admixtures (Section 7010, 2.01, G)

Added I.M. 403 reference for approved sources for admixtures including new CarbonCure. No comments.

C. Railroad crossing approaches (Figures 7010.903 and 7020.902)

Deleted the 1 inch fiber board from the railroad crossing approach figures. No comments.

D. Asphalt pavement thickness deficiency (Section 7020, 3.04, C)

Modified thickness checks for non-uniform pavement sections. No comments.

E. Pavement markings (Section 8020, 2.01)

Added methyl methacrylate (MMA) to paint products. No comments.

F. Traffic signs (Section 8040)

Added a new section providing for contractor supplied permanent traffic signs. Iowa DOT eliminated the requirement to notify the National Federation of the Blind per request. *Note - done.*

IV. Other

A. Discussion items

- **Add curing compound as bond breaker for PCC overlay over scarified concrete?** One questioned if there was testing done. One person thinks Foth has used it on some CR airport projects.
- **Develop mowing specifications (bid item/execution) when projects extend through growing season?** CR has added this in their supplemental. One commented per each time would be fair.
- **Any concerns about water main tracer wire specifications?** Not all cities have responsibility for the services, which is why it likely hasn't been addressed in the past. Not a lot of enthusiasm to include.
- **Design Chapter 2 - Stormwater:**
 - **Modify minimum invert drop (currently 0.1') to match Iowa DOT at 0.3' preferred and 0.1' minimum?** Okay with revising.
 - **Add new storm sewer spread for roundabout approach legs? Minimum 8' clear driving space for one lane and 12' for two lane roundabouts.** One person thought this was a reasonable standard. Why different for roundabouts than just standard lanes?
 - **Develop information on retention/infiltration basin** - Would be nice to have information available for those who need it. Could be included in the Iowa Stormwater Management Manual?
- **Developing revisions to Chapter 7 based on input from the SUDAS Erosion and Sediment Control Committee.** Just an FYI.
- **Composite Manhole Castings** - EJ has some, Neenah does not. Not currently listed as an acceptable product in SUDAS. Fairfield uses them on projects - field staff loves them and no issues so far (other than maybe supply). Might be okay to include as an option.
- **Use of Class B mixes for concrete?** Standard mix is Class C for PCC pavement. Use of Class B is allowed for driveways, sidewalks, and shared use paths. Problems with rapid deterioration. People who responded don't use Class B mix.
- **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 10:25 am. Minutes were recorded by Beth Richards, SUDAS Program Coordinator.