

SUDAS District Webinar Minutes

February 27, 2020

The meeting was called to order at 9:01 am by Paul Wiegand.

District 1 Members Present:	
Ben McAlister, City of West Des Moines Chadd Kahlsdorf, Bolton & Menk Daniel Harness, Iowa DOT Danny Knispel, City of Altoona Darwin Larson, APAI David Bovee, HR Green Eric Johnsen, Iowa DOT ISG Jeff May, City of Clive	John Dostart, City of Altoona John Gade, Fox Engineering John Larson, City of Urbandale Larry Workman, City of Pleasant Hill Nichole Sungren, MSA Professional Services Sarah Okerlund, Iowa DOT Steve Klocke, Snyder & Associates Tara Naber, Iowa DNR
District 2 Members Present:	
Jay Waddingham, Franklin County Mark Durbhan, AECOM	Tim Moreau, Veenstra & Kimm, Inc.
District 3 Members Present:	
Brian Catus, Iowa DOT Bryan Wells, DGR Engineering Cody Forch, JEO Consulting Group Dan Eckert, Dickinson County	David Carney, City of Sioux City Justin Pottorff, City of Sioux City Mark Nagra, Woodbury County Randy Krauel, City of Carroll
District 4 Members Present:	
Dave Vermillion, City of Council Bluffs Matt Cox, City of Council Bluffs	Mike Hackett, Madison County Scott Reelfs, HGM Associates Inc.
District 5 Members Present:	
Akhilesh Pal, City of Oskaloosa Brad Skinner, Appanoose County Christy VanBuskirk, Iowa DOT	Jesse Howe, City of Burlington Ryne Thornburg, Van Buren County Steve Hausner, French-Reneker
District 6 Members Present:	
Aaron Granquist, HR Green Bob Schiesl, City of Dubuque Brenna Fall, City of Cedar Rapids Brent Morlok, City of Bettendorf Brian Schadt, City of Davenport Darin Andresen, City of Marion Greg Shuger, Stanley Consultants Joe Welter, City of Iowa City	Ken DeKeyser, City of Cedar Rapids Lee Tippe, City of Cedar Rapids Mark Crawford, Crawford Engineering Michaela LeClair, HDR, Inc. Ryan Foley, City of Coralville Scott Larson, City of Coralville Taylor Theulen, Stanley Consultants
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 November 2019 electronic vote was presented.

II. Design Manual Items

A. General provisions (Chapter 1)

Updated the chapter based on current practices. In Section 1E-1, C, add “funding source representative” to the list of groups invited to the pre-construction meeting. Also add “funding source requirements” and “review of adjacent property owner needs” to the list of items to be identified and discussed.

B. Water main LUST interaction (Section 4C-1)

Modified to match Iowa DNR permit requirements for interaction of water mains and LUST sites. Iowa DNR was in contact with staff and agreed with the proposed language. No comments.

C. Minimum street width alternative (Sections 5C-1 and 5C-2)

Updated Table 5C-1.01 by adding an additional 27 feet back-to-back street width and a 48 foot cul-de-sac radius alternative when agencies have larger fire apparatus. No comments.

D. Lane width and capacity (Section 5C-2, A)

Updated to reflect new lane width and capacity relationships. No comments.

E. Driveway design for low volume residential streets (Sections 5L-3 and 5L-4)

Updated point of width measurement, established width based on number of garage stalls, clarified joint driveway width, and updated distance from intersections. One person questioned if you could measure from the front of the sidewalk. Another person suggested measuring widths at the end of the driveway curb radius when adjacent to a commercial area.

F. Utility locating site restoration (Design Section 5I-3; Spec Sections 3020 and 7040)

Added information to address re-establishment of the pavement following cutting of core holes in pavements for utility location. Cedar Rapids has a figure and will share it with SUDAS staff.

III. Specifications Manual Items

A. Abbreviations and definitions (Section 1010)

Adding abbreviations and definitions for commonly used terms. No comments.

B. Project area maintenance (Section 1070, 2.08, C)

Added clarification concerning maintenance of the work area during the project. No comments.

C. Visual inspection of sewers (Section 4060, 3.02)

Deleted requirement for lamping sewers and culverts. No comments. Paul recently learned of a new process involving laser profiling and will explore this as another potential alternative.

D. Water main pipe options (Section 5010, 2.01, 2.03, and 3.04)

Deleted prestressed concrete cylinder pipe as a standard water main pipe since it has limited use and application. No comments.

E. Fire hydrants (Spec Section 5020, 3.03, F and Design Section 4C-1, E)

Clarified fire hydrant placement and orientation to meet 2018 International Fire code. No comments.

F. Steps in deep structures (Section 6010, 2.13)

Added steps for structures deeper than 20 feet. No comments.

G. Cross slope for sidewalks, driveways, and shared use paths (Section 7030, 3.04)

Clarified maximum, target, and minimum cross slope requirements. No comments.

H. Water for seeding (Section 9010, 1.08, D)

Modified the measurement and payment for watering to eliminate confusion of MGAL, which has been misinterpreted as a million gallons rather than 1,000 gallons. No comments.

IV. Other

A. Discussion items

- *Curing of sidewalks, driveways, and shared use paths - change default to cure?* One person said yes.
- *Any confusion about proof rolling and the loading on the trucks?* Based on input, more discussion is necessary.
- *Should we add specifications for PVC/HDPE concrete pipe liner to combat caustic sewage?* Several participants commented that they would like to see this added.
- *Should we expand information or establish criteria when bid items are deleted?* Based on input, modifications to the language will be proposed.
- *Bedding/joint/void filler aggregate discrepancy - ASTM versus DOT?* No comments.
- *Other?* None.

B. Iowa Public Works Service Bureau update

An update on the project was presented.

C. Products and/or research

Paul mentioned the research focus group meeting prior to APWA Iowa Chapter Spring Conference. One made a new product suggestion - pressure class ductile iron rather than Class 52.

The meeting was adjourned at 10:28 am. Minutes were recorded by Beth Richards, SUDAS Program Coordinator.