

SUDAS District 1 Webinar Minutes

April 15, 2020

The meeting was called to order at 10:07 am by Jeff May.

Present:

Matt Ahrens, City of Grimes

Mike Danburg, SEH Inc.

Ron DeGroot, City of Des Moines

James Gallagher, Olsson

Matt Greiner, City of Johnston

Daniel Harness, Iowa DOT

Brad Hopkey, Foth Infrastructure and Environment

Eric Johnsen, Iowa DOT

Chadd Kahlsdorf, Bolton & Menk, Inc.

David Kamp, City of Des Moines

Robert Kline, GBA

Steve Klocke, Snyder & Associates

John Larson, City of Urbandale

Darwin Larson, APAI

Adam Lust, City of Ankeny

Jeff May, City of Clive

Ben McAlister, City of West Des Moines

Sarah Okerlund, Iowa DOT

John Peterson, Peterson Planning Strategies

Dave Skogerboe, HDR, Inc.

Larry Stevens, HR Green

Nichole Sungren, MSA Professional Services, Inc.

Tony Trotter, City of Ft. Dodge

Abby Urbanek, Olsson

Tom Reis, Iowa DOT

Paul Geilenfeldt, Marshall County

Eric Gjersvik, ISG

Danny Knispel, City of Altoona

Akhilesh Pal, City of Indianola

Mike Thiel, Iowa DOT

Paul Wiegand, SUDAS

Beth Richards, SUDAS

I. Administrative

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

The motion to approve the minutes was made by John Peterson and seconded by Ron DeGroot. The motion was approved. The committee concurred with the proposed meeting schedule.

II. Design Manual Items

A. General provisions (Chapter 1)

Updated the chapter based on current practices. The motion to approve was made by Larry Stevens and seconded by Adam Lust. The motion was approved.

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

Modified to match Iowa DNR permit requirements for interaction of water mains and LUST sites. The motion to approve was made by Paul Geilenfeldt and seconded by Akhilesh Pal. The motion was approved.

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. The motion to approve was made by Larry Stevens and seconded by Tony Trotter. The motion was approved.

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

Updated to reflect new lane width and capacity relationships. The motion to approve was made by John Peterson and seconded by Paul Geilenfeldt. The motion was approved.

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. The motion to approve was made by Akhilesh Pal and seconded by Larry Stevens. The motion was approved.

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. Paul presented a figure shared by the City of Cedar Rapids and asked the group if they would be in favor of adding a figure as well. This district liked the idea of adding a figure. The motion to approve was made by Tony Trotter and seconded by Paul Geilenfeldt. The motion was approved. *Note - most districts were in favor of the idea and therefore a figure will be developed.*

III. Specifications Manual Items

A. Abbreviations and definitions (Section 1010)

Added abbreviations and definitions for commonly used terms. The motion to approve was made by Larry

Stevens and seconded by Sarah Okerlund. The motion was approved. One committee member requested staff explore the definition for working day when developing future revisions.

B. Deleted bid items (Section 1040, 1.06, C)

Added information on paying for delivered materials if the bid item is deleted. This district wants to adjust the language slightly to allow the option of sending the product back and just paying the restocking fee. The motion to approve (with the above addition) was made by Larry Stevens and seconded by Adam Lust. The motion was approved. *Note - the language was revised accordingly.*

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

Added clarification concerning maintenance of the work area during the project. The motion to approve was made by Paul Geilenfeldt and seconded by Akhilesh Pal. The motion was approved.

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

Deleted requirement for lamping sewers and culverts. The motion to approve was made by Tony Trotter and seconded by Ron DeGroot. The motion was approved.

E. 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. The motion to approve was made by Sarah Okerlund and seconded by Matt Ahrens. The motion was approved.

F. 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. The motion to approve was made by Paul Geilenfeldt and seconded by Akhilesh Pal. The motion was approved.

G. Steps in deep structures (Sect 6010, 2.13; Figs SW-301, SW-303, SW-304, SW-305, SW-401, SW-404, SW-405)

Added steps for structures deeper than 20 feet. The motion to approve was made by Akhilesh Pal and seconded by Paul Geilenfeldt. The motion was approved (two nays - want steps in all manholes).

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

Clarified maximum, target, and minimum cross slope requirements. The motion to approve was made by Rob Kline and seconded by Adam Lust. The motion was approved.

I. 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. This district wants to keep the MGAL designation for 1,000 gallons - suggest showing (MGAL) within the bid item description in Section 9010. The motion to approve was made by Larry Stevens and seconded by Nichole Sungren. The motion was approved. *Note - revised per suggestion.*

IV. Other

A. Discussion Items

- *Curing of sidewalks, driveways, and shared use paths - change default to cure?* Change the default to cure.
- *Any confusion about proof rolling and the loading on the trucks?* One person stated they load tandem truck with full load and go; no verification.
- *Should we add specifications for PVC/HDPE concrete pipe liner to combat caustic sewage?* If there is a product available, we should have specs for it.
- *Should we modify DIP water main specifications to pressure class from thickness class?* No change needed.
- *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 11:56 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.