

SUDAS District 4 Webinar Minutes

April 7, 2020

The meeting was called to order at 10:07 am by Scott Reelfs.

Present:

Vince Ehlert, Iowa DOT

Mike Hackett, Madison County

George Parris, JEO Consulting Group, Inc.

Scott Reelfs, HGM Associates Inc.

Dave Vermillion, City of Council Bluffs

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 George Parris and seconded by Scott Reelfs. 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 Vince Ehlert and seconded by Mike Hackett. 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 Scott Reelfs and seconded by Vince Ehlert. 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 Scott Reelfs and seconded by Vince Ehlert. 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 George Parris and seconded by Scott Reelfs. 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 Scott Reelfs and seconded by George Parris. 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 having something to refer the contractor to. The motion to approve (including adding a figure) was made by Scott Reelfs and seconded by Mike Hackett. 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 George Parris and seconded by Vince Ehlert. The motion was approved.

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

Added information on paying for delivered materials if the bid item is deleted. The motion to approve was made by Vince Ehlert and seconded by George Parris. The motion was approved.

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 Scott Reelfs and seconded by George Parris. 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 Scott Reelfs and seconded by Vince Ehlert. 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 Scott Reelfs and seconded by Mike Hackett. 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 George Parris and seconded by Mike Hackett. 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 Scott Reelfs and seconded by George Parris. The motion was approved.
- 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 Vince Ehlert and seconded by Dave Vermillion. 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. The motion to approve was made by Scott Reelfs and seconded by Mike Hackett. The motion was approved.

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?* Good to have some clarification.
- *Should we add specifications for PVC/HDPE concrete pipe liner to combat caustic sewage?* Would be handy to have.
- *Should we modify DIP water main specifications to pressure class from thickness class?* Leave as is. (Council Bluffs does not allow PVC)
- *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 11:40 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.