

SUDAS District 3 Webinar Minutes

April 9, 2020

The meeting was called to order at 10:04 am by Randy Krauel.

Present:

Brad Beck, Beck Engineering
David Carney, City of Sioux City
Brian Catus, Iowa DOT
Dan Eckert, Dickinson County
Cody Forch, JEO Consulting Group Inc.
Randy Krauel, City of Carroll
Mark Nahra, Woodbury County

Justin Pottorff, City of Sioux City
Brooke Sievers, ISG
Myron Van Ginkel, City of Rock Valley
Brian Wells, DGR Engineering
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 Dave Carney and seconded by Mark Nahra. 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. This district asked to archive the proprietary products list rather than delete it completely. The motion to approve was made by Randy Krauel (with “archiving” the proprietary products list) and seconded by Brad Beck. 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 Myron Van Ginkel and seconded by Cody Forch. 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 Myron Van Ginkel and seconded by David Carney. 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 David Carney and seconded by Brooke Sievers. 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. One person did not like having a larger driveway if you have a 3-car garage. The motion to approve was made by David Carney (everything except having a larger driveway if you have a 3-car garage) and seconded by Mark Nahra. The motion was approved. *Note - the other districts approved the proposal as is.*

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 language but did NOT want a figure added - prefer going back to the Jurisdiction for guidance. The motion to approve was made by Myron Van Ginkel and seconded by Randy Krauel. 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 Brad Beck and seconded by Mark Nahra. 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 David Carney and seconded by Myron Van Ginkel. 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 Myron Van Ginkel and seconded by Brad Beck. 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 Randy Krauel and seconded by Justin Pottorff. 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 Myron Van Ginkel and seconded by Brian Catus. 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 Myron Van Ginkel and seconded by Cody Forch. 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 Randy Krauel and seconded by Brad Beck. 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 Myron Van Ginkel and seconded by Bryan Wells. 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. Use 1,000 gallons rather than MGAL or gallons. The motion to approve was made by David Carney and seconded by Bryan Wells. The motion was approved. *Note - per another district's suggestion, the proposal was changed to keep MGAL but show "(MGAL)" within the bid item description in Section 9010 and was also defined in the abbreviation list within Section 1010.*

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?* Not applicable to this district, but okay adding if others need it.
- *Should we modify DIP water main specifications to pressure class from thickness class?* A few in this district wanted to change to pressure class.
- *Other?* One committee member mentioned issues with Sanitite, specifically problems with the wyes; also stopped making 21 inch and problem getting 16 inch valves.

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 12:02 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.