

SUDAS District 2 Webinar Minutes

October 15, 2020

The meeting was called to order at 9:03 am by Mark Rahm.

Present:

Jon Biederman, Fehr Graham

Mark Durbahn, AECOM

John Fallis, City of Charles City

Rick Lockhart, Terracon Consultants, Inc.

Mark Rahm, City of Mason City

Michelle Sweeney, AECOM

Jay Waddingham, Franklin County

Daryl Erickson, 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 Mark Durbahn and seconded by Daryl Erickson. The motion was approved. The committee concurred with the proposed meeting schedule.

B. Board of Directors meeting minutes

A summary of actions from the May 20, 2020 Board webinar was presented.

II. Design Manual Items

A. Crack and seat (Design Section 5J-1, C and Spec Section 7092)

Expanded design information and developed new specifications section addressing crack and seat projects in urban areas. This committee wants to add language about evaluating the existing utilities before crack and seat (water main breakage concern).

B. Tree planting (Design Chapter 10 and Spec Section 9030)

Updated design information on species to plant and specifications requirements based on industry input. One committee member asked if half of the burlap should be removed on the tree? The committee also asked if a list of Iowa native trees could be included.

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 Michelle Sweeney and seconded by Jon Biederman. The motion was approved.

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

Revised new information on paying for delivered materials if the bid item is deleted. The motion to approve was made by Mark Durbahn and seconded by Mark Raham. The motion was approved.

C. Proof rolling (Section 2010, 3.06, B)

Eliminated confusion and expanded options to include loaded trucks and weighed/ticketed trucks. The motion to approve was made by Michelle Sweeney and seconded by Rick Lockhart. The motion was approved.

D. Fusible pipe for water mains (Sections 3020, 2.01 and 5011)

Added HDPE fusible pipe to the fusible PVC development specifications, which were on the website, and moved to the Specifications Manual. This committee did not have any comments.

E. Concrete pipe liners (Sections 4010, 1.08 and 2.01 and 6010, 1.08, A)

Expanded options for lining of concrete pipe to include PVC and HDPE. The motion to approve was made by Rick Lockhart and seconded by John Fallis. The motion was approved.

F. Safety plan submittal for CIPP (Section 4050, 1.03)

Updated safety plan to address styrene dispersion. The motion to approve was made by Michelle Sweeney and seconded by John Fallis. The motion was approved.

G. Ductile iron pipe updates (Section 5010, 2.01, 2.03, 3.02, and 3.03)

Updated material requirements for ductile iron pipe. The motion to approve was made by Jon Biederman and seconded by Michelle Sweeney. The motion was approved.

H. Water main testing and disinfection (Section 5030, 3.06, 3.07, and 3.08)

Updated to provide alternate sampling process. The motion to approve was made by Mark Durbahn and seconded by Daryl Erickson. The motion was approved.

- I. Infiltration barriers** (Figures 6010.306 (delete), 6010.301-305, and 6010.308)
Deleted Figure 6010.306 and modified others to remove chimney seal depiction and indicate need to install infiltration barriers on sanitary sewer manholes. The motion to approve was made by Michelle Sweeney and seconded by Mark Durbahn. The motion was approved.
- J. Testing for thin lift overlays** (Section 7021, 2.05, C)
Deleted Hamburg testing for thin lift overlays. The motion to approve was made by Jay Waddingham and seconded by John Fallis. The motion was approved.
- K. Curing sidewalks, driveways, and shared use paths** (Section 7030, 3.04, D)
Changed the default to cure. The motion to approve was made by Mark Durbahn and seconded by Jon Biederman. The motion was approved.
- L. Utility locating site restoration** (Design Sect 5I-3, D, Spec Sect 7040, and Figure 7040.107)
Developed spec language and new figure to address re-establishment of the pavement following cutting of core holes in pavements for utility location. Agreed with District 1 to allow a low slump concrete. The text has 3 inch lifts but the figure has 2 inch lifts. The motion to approve was made by Jay Waddingham and seconded by Daryl Erickson. The motion was approved. *Note - these items were corrected.*
- M. Dowel bar grout** (Section 7040, 2.01, O)
Designated specific gradation to extend grout. The motion to approve was made by Michelle Sweeney and seconded by Mark Durbahn. The motion was approved.
- N. Jointing for full depth PCC patches** (Figures 7040.101 and 7040.102)
Expanded joint options depending on paving sequence. The motion to approve was made by Mark Durbahn and seconded by Jon Biederman. The motion was approved.
- O. Compaction for permeable pavers** (Section 7080, 3.01, 3.05, 3.06, 3.07, and 3.09)
Updated compaction standards for the various layers when constructing a permeable interlocking pavement. The motion to approve was made by Jon Biederman and seconded by Michelle Sweeney. The motion was approved.
- P. HDPE traffic signal handholes** (Section 8010, 2.01, A and Figure 8010.103)
Added HDPE handhole to acceptable products. The motion to approve was made by Mark Durbahn and seconded by Mark Rahm. The motion was approved.

IV. Other

A. Discussion Items

- *Modify DIP for gravity sanitary sewer from Special Thickness Class 52 to Pressure Class 350 and 150?* No.
- *How often do you have the contractor develop the plan of record (as-builts)?* Better to have the engineer or consultant do it.
- *Add bid items and execution language for removal and/or filling and abandonment of water mains?* Yes.
- *Problems with slope on the top of the curb?* Doesn't hurt to add a note.
- *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 11:08 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.