

SUDAS District 1 Webinar Minutes

October 14, 2020

The meeting was called to order at 9:01 am by John Gade.

Present:

David Bovee, HR Green	Adam Lust, City of Ankeny
Mike Danburg, SEH Inc.	Sarah Okerlund, Iowa DOT
Danny Knispel, City of Altoona	Akhilesh Pal, City of Indianola
Daniel Harness, Iowa DOT	Tracy Peterson, City of Ames
Heidi Lane, HNTB Corporation	Dave Skogerboe, HDR, Inc.
Brad Hopkey, Foth-Infrastructure and Environment	Larry Stevens, HR Green
Eric Johnson, Iowa DOT	Nichole Sungren, MSA Professional Services, Inc.
Chadd Kahlsdorf, Bolton & Menk, Inc.	Mike Thiel, Iowa DOT
David Kamp, City of Des Moines	Tony Trotter, City of Ft. Dodge
Robert Kline, GBA	Larry Workman, City of Pleasant Hill
Steve Klocke, Snyder & Associates	Tom Reis, Iowa DOT
John Larson, City of Urbandale	Tara Naber, Iowa DNR
Darwin Larson, APAI	Paul Wiegand, SUDAS
Gabe Lee, Iowa DNR	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 Larry Stevens and seconded by Akhilesh Pal. 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 had the following comments:

- Comments on the figures - top of the details at the bottom is mislabeled. Runout shows a length of 6 feet - typically have longer runouts - 7020.903 - shows runouts based on speed. Both bottom details are edge notches. 25 feet preferred.
- Design - do we include guidance on when to use the interlayer?
- Concern about vibratory monitoring. Is that a contractor responsibility or an agency responsibility?
- Look at terminology usage of spade vs guillotine breaker. *Note - this has been revised.*

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

Updated design information on species to plant and specifications requirements based on industry input. This committee did not have any comments.

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 Mike Danburg and seconded by Sarah Okerlund. 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 Larry Stevens and seconded by Sarah Okerlund. 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 Akhilesh Pal and seconded by Tony Trotter. 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 Mike Danburg and seconded by Larry Stevens. 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 Tony Trotter and seconded by Nichole Sungren. 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 Larry Stevens and seconded by Sarah Okerlund. 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. One committee member commented that it took 3 weeks for the contractor to treat and test and had to cut open and found rock and other debris - is there anything anyone has done in addition to “keep it clean” (keep the rocks out of the pipe)? Iowa DNR advises cities to keep the sides in sanitary condition; encourages capping the pipes at stringout or hanging it before testing. The motion to approve was made by Tracy Peterson and seconded by Nichole Sungren. 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 Mike Danburg and seconded by Akhilesh Pal. 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 Darwin Larson and seconded by Akhilesh Pal. 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 Sarah Okerlund and seconded by Larry Stevens. 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. This district had the following comments:
- In 3.11, A, 1, the core hole max size should be 12 inches.
 - Allow for a concrete patch in an asphalt pavement.
 - Rather than the Class M concrete, allow a low slump concrete.
 - Expand the general note on the figure that the pedestrian ramp needs to be replaced, not patched.
- The motion to approve, with the above revisions, was made by John Larson and seconded by David Bovee. The motion was approved. *Note - all of the items listed above were corrected/updated.*
- M. Dowel bar grout** (Section 7040, 2.01, O)
Designated specific gradation to extend grout. The motion to approve was made by Larry Stevens and seconded by Akhilesh Pal. 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 Mike Danburg and seconded by Akhilesh Pal. 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 Akhilesh Pal and seconded by Larry Stevens. 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 Nichole Sungren and seconded by Mike Danburg. The motion was approved (one nay).

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)?* Not in favor of having the contractor do this.

- *Add bid items and execution language for removal and/or filling and abandonment of water mains?* Look at language for abandonment.
- *Problems with slope on the top of the curb?* Doesn't hurt to add a note.
- *Other?* Include fusible HDPE pipe as an option for sanitary sewer in trenchless installations.

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 11:16 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.