

SUDAS District 6 Webinar Minutes

October 21, 2020

The meeting was called to order at 9:03 am by Lee Tippe.

Present:

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| Darin Andresen, City of Marion | John Link, Dave Schmitt Construction Co |
| Bryan Benjamin, McClure | Brent Morlok, City of Bettendorf |
| Clayton Carper, Foth | Dave Panos, Shive-Hattery |
| Mark Crawford, Crawford Engineering & Surveying | Greg Parker, Johnson County |
| Tim Cutsforth, HR Green | Brian Schadt, City of Davenport |
| Brenna Fall, City of Cedar Rapids | Bob Schiesl, City of Dubuque |
| Aaron Granquist, HR Green | Patrick Schwickerath, Snyder & Associates |
| Jake Hahn, City of Marion | Greg Shuger, Stanley Consultants |
| DeWayne Heintz, LL Pelling Co | Lee Tippe, City of Cedar Rapids |
| Barrett Hubbard, Shive-Hattery | Joe Welter, City of Iowa City |
| Mike Kurek, HDR | Paul Wiegand, SUDAS |
| Scott Larson, City of Coralville | 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 Aaron Granquist and seconded by Patrick Schwickerath. 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:

- Need to coordinate who's doing the placement of parking signs - contractor or agency.
- In 3.02, the traffic control plan needs to be in place. Davenport has a very specific traffic control plan for these things.
- Is there a need for some partial depth patching pre-cracking?

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 deer rubbing should be considered under tree protection? Another committee member stated the Tree Council will be submitting more comments regarding stormwater practices.

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 Bob Schiesl and seconded by Greg Parker. 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 Scott Larson and seconded by Brenna Fall. 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 DeWayne Heintz and seconded by Mark Crawford. 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 Bob Schiesl and seconded by Barrett Hubbard. The motion was approved.
- F. Safety plan submittal for CIPP** (Section 4050, 1.03)
Updated safety plan to address styrene dispersion. One committee member questioned if the PPE requirement was just for respiration or full covering? The motion to approve, with the above clarification, was made by Lee Tippe and seconded by Bob Schiesl. The motion was approved (one nay). *Note - this item was clarified.*
- 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 Barrett Hubbard and seconded by Bryan Benjamin. 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 Scott Larson and seconded by Mark Crawford. 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 Patrick Schwickerath and seconded by John Link. 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 DeWayne Heintz and seconded by Barrett Hubbard. 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 Brenna Fall and seconded by Barrett Hubbard. 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:
- The 6 inch asphalt core hole seems too restrictive; change to maximum of 12 inches.
 - On the PCC figure, show a possible asphalt overlay/composite pavement.
 - Change to suitable native material.
- The motion to approve was made by Lee Tippe and seconded by Brenna Fall. The motion was approved.
Note - the items listed above were corrected.
- M. Dowel bar grout** (Section 7040, 2.01, O)
Designated specific gradation to extend grout. The motion to approve was made by Scott Larson and seconded by Barrett Hubbard. 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 Crawford and seconded by Bob Schiesl. 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 DeWayne Heintz and seconded by Barrett Hubbard. 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 Barrett Hubbard and seconded by Bryan Benjamin. 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?* Give the designers an option and include.
- *How often do you have the contractor develop the plan of record (as-builts)?*
 - John Link - no formal drafting, but they sketch and give to engineer if they want to put in CAD. Gets very expensive to have a 3rd party crew on site to get this done.
 - Cedar Rapids inspectors have GIS equipment; they are also exploring the option of adding this as a supplemental.

- Iowa City has requirement for contractor to submit certain documentation and they have a hard time actually getting what they want; so even if we add this as an item, it's hard to get what you actually want.
- ***Add bid items and execution language for removal and/or filling and abandonment of water mains?*** Yes. John had a project in the Waterloo area where they required it filled with the expanding foam material.
- ***Problems with slope on the top of the curb?*** Doesn't hurt to add a note - no specific slope, but just to say it needs to drain. Ensure the top of curb drains towards the street.
- ***Other?***
 - John Link - having problems with insurance requirements; will forward information to Paul and Beth.
 - Brian Schadt - maintenance bond - can we put together a comparison on what other communities are doing?

B. Iowa Public Works Service Bureau update

An update on the project was presented.

C. Products and/or research

- Mr. Manhole - do we need to adjust our specs to allow for this type of boxout in new construction? Marion is doing a lot right now. Using a B joint rather than an expansion joint.
- CR - topsoil - something from the stormwater management manual
- CR - combined sidewalk/retaining walls - if the expansion joints aren't in the right spot, there will be cracks through the wall. Cracking at 40 or 60 feet.

The meeting was adjourned at 11:42 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.