

SUDAS District Webinar Minutes

February 24, 2021

The meeting was called to order at 9:03 am by Paul Wiegand.

District 1 Members Present:	
Adam Lust, City of Ankeny Akhilesh Pal, City of Indianola Ben McAlister, City of West Des Moines Brad Hopkey, Foth Chadd Kahlsdorf, Bolton & Menk, Inc. Daniel Harness, Iowa DOT Danny Knispel, City of Altoona Dave Skogerboe, HDR, Inc. David Bovee, HR Green, Inc. David Green, HNTB Corporation David Kamp, City of Des Moines Eric Johnsen, Iowa DOT James Gallagher, Olsson Jeff May, City of Clive John Dostart, City of Altoona John Gade, Fox Engineering	Kristin Brostrom, City of Urbandale Kurt Bailey, Polk County Larry Stevens, HR Green, Inc. Larry Workman, City of Pleasant Hill Matt Ahrens, City of Grimes Matt Ferrier, Bolton & Menk, Inc. Matt Greiner, City of Johnston Nichole Sungren, MSA Professional Services, Inc. Phil Northup, City of Pleasant Hill Sarah Okerlund, Iowa DOT Steve Klocke, Snyder & Associates Tara Naber, Iowa DNR Tom Reis, Iowa DOT Tom Vlach, City of Des Moines Tony Trotter, City of Ft. Dodge Tracy Peterson, City of Ames
District 2 Members Present:	
Ben Loots, Humboldt County Dennis Gentz, City of Waterloo Jay Waddingham, Franklin County Jon Biederman, Fehr Graham	Mark Durbahn, AECOM Mark Rahm, City of Mason City Michelle Sweeney, AECOM
District 3 Members Present:	
Amanda Goodenow, ISG Brad Beck, Beck Engineering Brooke Sievers, ISG Bryan Wells, DGR Engineering Cody Forch, McClure Engineering	Dan Eckert, Dickinson County Justin Pottorff, City of Sioux City Mark Nahra, Woodbury County Randy Krauel, City of Carroll Wes Boyer, Bolton & Menk, Inc.
District 4 Members Present:	
Dave Sturm, Snyder & Associates Dave Vermillion, City of Council Bluffs	Jeff Krist, City of Council Bluffs Mike Hackett, Madison County
District 5 Members Present:	
Christy VanBuskirk, Iowa DOT Dwight Dohlman, City of Ottumwa Jack Pope, Garden & Associates Jesse Howe, City of Burlington Phillip Burgmeier, City of Ottumwa	Ryne Thornburg, Van Buren County Steve Hausner, French-Reneker Associates, Inc. Tyler Christian, Marion County William Haag, Koala Consulting Services Zach Leach, Prairie Engineers
District 6 Members Present:	
Aaron Granquist, HR Green, Inc. Bob Schiesl, City of Dubuque Bob Tobin, Shoemaker & Haaland Brenna Fall, City of Cedar Rapids Brent Morlok, City of Bettendorf Brian Schadt, City of Davenport Bryan Benjamin, McClure Engineering Darin Andresen, City of Marion DeWayne Heintz, L.L. Pelling Co.	Greg Shuger, Stanley Consultants Jacob Hahn, City of Marion Joe Welter, City of Iowa City Jon Fitch, City of Hiawatha Kent Ellis, Iowa DOT Lee Tippe, City of Cedar Rapids Ron Knoche, City of Iowa City Scott Larson, City of Coralville Tim Cutsforth, HR Green, Inc.
Staff Present:	
Paul Wiegand, SUDAS	Beth Richards, SUDAS

I. Administrative

A. Schedule of district meetings

The proposed schedule of district meetings was presented.

B. Board of Directors meeting minutes

A summary of actions taken by the Board during the October/November electronic vote 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. One person suggested taking photos prior to work to a baseline to know if there's any damage due to this process. *Note - added language in the Design section.*

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

Updated design information on species to plant and specifications requirements based on industry input. No comments.

C. Traffic signals (Design Sections 13A-1 - 13A-5 and Spec Section 8010)

Revised the design and spec sections on traffic signals with guidance from the SUDAS Traffic Signal Committee. No comments.

III. Specifications Manual Items

A. Payment for extra work (Section 1090, 1.04)

Added standard markup for the general contractor when subcontractor executes an extra work order. One person commented the \$100 minimum in 1.04, C, 1 is confusing and suggested making it a separate sentence. The Iowa DOT commented that they've had this language for a long time and it has worked well. *Note - leaving the sentence as is so there is not a conflict with the Iowa DOT's Specifications language.*

B. Topsoil requirement and placement (Section 2010, 1.08, D and 3.02)

Updated bid items and execution items for all three options to provide topsoil. No comments.

C. 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. No comments.

D. HDPE liner thickness and joints (Section 4010, 2.01, F)

Modified HDPE liner thickness and joint requirements to include additional products. No comments.

E. Water main abandonment (Section 5010, 1.08, F and 3.10)

Added bid item and execution information on abandoning water mains in-place. Cedar Rapids commented that they usually handle water main abandonment by lump sum. One person suggested to measure and pay the fill and plug option by linear foot (like sanitary sewer abandonment). Another person commented that you could also fill by cubic yard/foot - no incentive NOT to completely fill the pipe. *Note - added new bid items that will be discussed in April.*

F. Concrete boxouts (Figures 7010.103 and 7020.201)

Added requirement for minimum amount of concrete outside of the casting when it is not centered. Added use of 'B' joint for post PCC construction cut and extracted boxouts. No comments.

G. Slope of top of curb at sidewalks (Figures 7030.201 and 7030.202)

Added note for top of curb to drain to street when adjacent to Class A sidewalk. No comments.

H. Concrete step and wall construction (Section 9080, 2.01, B and Figure 9080.102)

Added setup for independent staging of steps and wall construction. No comments.

IV. Other

A. Discussion items

- *Should we add information to Design Manual to control vehicle stacking extending out to adjacent streets for drive through facilities?* More of a site plan design than something we can address in SUDAS. Traffic impact study should deal with this. This is a zoning issue.
- *Do you allow use of recycled concrete for pipe bedding and are you willing to expand to larger pipe?* The group did not support this idea at this time. Will keep looking for more information.
- *When using combined sidewalk/retaining walls (Section 9072), do you experience cracks developing in the wall - expansion joints too far apart? (Specs call for ED joint, max 60 foot spacing).* Cedar Rapids has experienced this problem.
- *Add information about length of cul-de-sacs to Design Manual?* Fire Code has a max, but we currently do not address. Should at least be addressed to help steer young/new designers in the right direction.
- *Modify requirements/bid item for temporary erosion control? Are you experiencing problems when projects extend over winter?* Make sure we are complying with General Permit No. 2. If you have a bid item, at least you're paying for what's being used. Concern about operations/cost. Iowa DOT has some "emergency" items for stabilization that might be nice to have.

- **Modify the rural area permanent seed rates on current contracts and other rural seeding applications in 2021.** Just FYI - also posted on the SUDAS website. Shortage of ryegrass.
- **Potential change in stormwater regulations (homebuilders sponsored legislation).** Has not been assigned to a subcommittee yet. Legislation would prohibit local agencies about quantity and quality of stormwater beyond what the federal and state government implemented, neither of which have detailed regulations to address this. Keep an eye out as this would be a huge change.
- **Should we add a separate bid item for the alternate fire hydrant assembly (elbow and more pipe)?** Two people said it would be a reasonable addition.
- **Other?**
 - Flaggers as a bid item for traffic control. DOT has a standard daily rate.
 - Temporary barrier rail - is this being used frequently? DOT addresses it.

B. Iowa Public Works Service Bureau update

An update on the project was presented. IHRB gave us funding for Phase 2 to start the implementation of the Iowa Public Works Service Bureau. Project slated to start March 1st. First task will be to start some of the web applications. Excited to start moving forward. Need your help to identify people to participate and applications to develop as we move forward.

C. Products and/or research

None.

The meeting was adjourned at 10:52 am. Minutes were recorded by Beth Richards, SUDAS Program Coordinator.