

SUDAS District 6 Webinar Minutes

April 21, 2021

The meeting was called to order at 9:02 am by Lee Tippe.

Present:

Aaron Granquist, HR Green

Brenna Fall, City of Cedar Rapids

Brent Morlok, City of Bettendorf

Brian Schadt, City of Davenport

Bryan Benjamin, McClure Engineering

Clayton Carper, Foth Infrastructure and Environment

Darin Andresen, City of Marion

Greg Shuger, Stanley Consultants

Jake Hahn, City of Marion

Joe Welter, City of Iowa City

John Link, Dave Schmitt Construction Co, Inc.

Jon Fitch, City of Hiawatha

Lee Tippe, City of Cedar Rapids

Mark Crawford, Crawford Engineering & Surveying

Mike Kurek, HDR, Inc.

Patrick Schwickerath, Snyder & Associates

Scott Larson, City of Coralville

Paul Wiegand, SUDAS

Beth Richards, SUDAS

I. Administrative

A. Election of officers

According to the corporation bylaws, the districts are to elect a Chair and a Vice-Chair every two years. The motion to re-elect Lee Tippe as the Chair and Bob Tobin as the Vice Chair was made by Brent Morlok and seconded by Patrick Schwickerath. The motion was approved.

B. Minutes of the previous meetings and schedule of district meetings

The meeting minutes were approved. The committee concurred with the proposed meeting schedule.

II. Design Manual Items

A. Apron guards and safety grates (Sections 2D-3, C, 1 and 2E-1, E, 14)

Needed additional elements for apron guards and safety grates. Remove “unintentional” from the proposed language for 2E-1, E, 14, b, 2). The item was approved. *Note - done.*

B. Cul-de-sac length (Section 5C-2, O)

Added discussion points about the length of cul-de-sacs from International Fire Code and ITE perspectives. The item was approved.

C. 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. The item was approved.

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

Updated design information on species to plant and specifications requirements based on industry input. In 10A-1, suggested deleting the following statement “While placement of trees outside of the right-of-way will minimize problems, most communities in Iowa encourage and even require the placement of street trees.” Clarify “growth habit” in 10B-1. The item was approved. *Note - done.*

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

Revised the design and spec sections on traffic signals with guidance from the SUDAS Traffic Signal Committee. This committee did not have any 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. The item was approved.

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. The item was approved.

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. The item was approved.

- D. HDPE liner thickness and joints** (Section 4010, 2.01, F)
Modified HDPE liner thickness and joint requirements to include additional products. The item was approved.
- E. Water main abandonment** (Section 5010, 1.08, F and 3.10)
Added bid item and execution information on abandoning water mains in-place. The item was approved.
- F. Alternate fire hydrant assembly bid item** (Section 5020, 1.08, D)
Added bid item for Alternate Fire Hydrant Assembly to reflect addition pipe and fittings. Add a general note on Figure 5020.201 stating the length of the anchoring pipe should be identified. The item was approved. *Note - done.*
- G. Butyl rubber sealant** (Section 6010, 2.09, A, 2, d)
Added softening point requirement for use of high density polyethylene adjustment rings in asphalt. The item was approved.
- H. 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. The item was approved.
- I. 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. The item was approved.
- J. Sod Cultivars** (Section 9020, 2.01, A)
Updated list of available cultivars for sod. The item was approved.
- K. End of season temporary erosion control** (Section 9040, 1.08, V)
Provided bid item addition for temporary erosion control to be used when the project will extend over the winter. Delete "until vegetation can be established" from the includes language. The item was approved. *Note - done.*
- L. Concrete step and wall construction** (Section 9080, 2.01, B and Figure 9080.102)
Added setup for independent staging of steps and wall construction. The item was approved.

IV. Other

A. Discussion items

- *Should we add a bid item and specifications for flaggers?* Have used the DOT's bid item. One person expressed a strong desire to NOT include a flagger bid item in the SUDAS Specs.
- *Should we expand our sediment and erosion control specifications?* No.
- *Defaults (CR item)?* Agreed with the idea; however, questioned the 5 foot extension. Structure to structure unless being outleted?
- *Other?*
 - Class 10 Excavation Material - who does the material belong to in the event that they have extra material on the project? Material is the property of the owner? Paul will look into this to see if we address it anywhere.
 - Relocating utilities - work is often done in the winter and the backfill material is frozen.

B. Iowa Public Works Service Bureau update

An update on the project was given.

C. Products and/or research

None.

The meeting was adjourned at 11:24 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.