

SUDAS District 5 Webinar Minutes

April 20, 2021

The meeting was called to order at 9:0 am by Steve Hausner.

Present:

Christy VanBuskirk, Iowa DOT

Jack Pope, Garden & Associates

Melanie Carlson, City of Fairfield

Steve Hausner, French-Reneker Associates, Inc.

Tyler Christian, Marion County

Bill Haag, Koala Consulting Services

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 Steve Hausner as the Chair and Jack Pope as the Vice Chair was made by Christy VanBuskirk and seconded by Bill Haag. The motion was approved.

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

The motion to approve was made by Christy VanBuskirk and seconded by Bill Haag. 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. The item was approved.

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. One asked if there was a recommendation for depth of utilities or proximity to poles? *Note - no known research covers this topic.* 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. The item was approved.

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. The item was approved.

- 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. Suggested adding language to Section 7010 to address this item as well. The item was approved. *Note - done.*
- 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. The item was approved.
- 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?*** One person said they'd like to see it added (particularly in areas that have a traffic signal); uses Iowa DOT bid item when needed.
- ***Should we expand our sediment and erosion control specifications?*** No.
- ***Bollards on shared use paths?*** One noted problems getting them removed for snow removal, maintenance, etc.; they use a double gate instead. Fairfield has bollards on all trail entrances; one caution - double stroller and bike trailers don't fit between them - would suggest considering that width if installing bollards. Paul shared the Bike Guide's language.
- ***Other?*** End of project erosion control - Iowa DNR requirement for establishment of vegetation. Complaints from city council - projects will appear to be complete, but the project is still closed because of the vegetation not being established.

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 11:03 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.