

## SUDAS District 2 Webinar Minutes

April 13, 2021

The meeting was called to order at 9:04 am by Dennis Gentz.

### Present:

Ben Loots, Humboldt County  
Dennis Gentz, City of Waterloo  
Jay Waddingham, Franklin County  
Jon Biederman, Fehr Graham  
Mark Durbahn, AECOM

Michelle Sweeney, AECOM  
Rick Lockhart, Terracon Consultants  
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 Mark Rahm as the Chair and Dennis Gentz as the Vice Chair was made by Mark Durbahn and seconded by Dennis Gentz. The motion was approved.

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

The motion to approve the meeting minutes was made by Michelle Sweeney and seconded by Ben Loots. The motion was 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 motion to approve was made by Rick Lockhart and seconded by Jon Biederman. The motion 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. This committee requested adding language about an intermediate turnaround. The motion to approve was made by Jon Biederman and seconded by Rick Lockhart. The motion was approved.  
*Note - the language for an intermediate turnaround was added.*

### 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 motion to approve was made by Mark Durbahn and seconded by Rick Lockhart. The motion 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 motion to approve was made by Michelle Sweeney and seconded by Rick Lockhart. The motion 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 motion to approve was made by Jon Biederman and seconded by Ben Loots. The motion 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 motion to approve was made by Rick Lockhart and seconded by Dennis Gentz. The motion 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 motion to approve was made by Ben Loots and seconded by Michelle Sweeney. The motion 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 motion to approve was made by Ben Loots and seconded by Rick Lockhart. The motion 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. This committee requested adding “place backfill material” to 3.11. The motion to approve was made by Jon Biederman and seconded by Dennis Gentz. The motion was approved. *Note - language was added.*
- 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 motion to approve was made by Rick Lockhart and seconded by Ben Loots. The motion 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 motion to approve was made by Michelle Sweeney and seconded by Rick Lockhart. The motion 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 motion to approve was made by Jon Biederman and seconded by Dennis Gentz. The motion 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 motion to approve was made by Ben Loots and seconded by Rick Lockhart. The motion was approved.
- J. Sod Cultivars** (Section 9020, 2.01, A)  
Updated list of available cultivars for sod. The motion to approve was made by Michelle Sweeney and seconded by Jon Biederman. The motion 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 motion to approve was made by Rick Lockhart and seconded by Jon Biederman. The motion was approved (one nay).
- 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. One person asked about the max spacing between rails (how far apart can they be). *Note - this is not addressed in any standards that SUDAS staff can find.* The motion to approve was made by Michelle Sweeney and seconded by Dennis Gentz. The motion was approved.

#### IV. Other

##### A. Discussion items

- *Should we add a bid item and specifications for flaggers?* Just references Iowa DOT bid item.
- *Should we expand our sediment and erosion control specifications?* No.
- *Other?* None.

##### 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 10:58 am.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.