

SUDAS District 3 Committee Meeting Minutes

February 9, 2017

The meeting was called to order at 10:05 am by Randy Krauel.

Present:

Luke Summers, Bolton & Menk, Inc.
Jason Etnyre, City of Storm Lake
Rod Hanson, Olsson Associates
Brad Beck, Beck Engineering
Justin Pottorff, City of Sioux City
David Doxtad, I&S Group
Nick Buse, I&S Group
David Carney, City of Sioux City

Bryan Wells, DGR Engineering
Myron Van Ginkel, City of Rock Valley
Cody Forch, JEO Consulting Group, Inc.
Randy Krauel, City of Carroll
Dan Eckert, Dickinson County
Dustin Wallis, Monona County
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 from its voting membership, and elections should be held every two years (there will be no limit on consecutive terms served). The motion to elect Randy Krauel as the Chair was made by Dan Eckert and seconded by Dave Carney. The motion was approved. The motion to elect Dan Eckert as Vice Chair was made by Dave Carney and seconded by Myron Van Ginkel. The motion was approved.

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

The motion to approve the minutes was made by Jason Etnyre and seconded by Justin Pottorff. The motion was approved. The committee concurred with the proposed meeting schedule.

C. Board of Directors meeting minutes

A summary of actions at the November 16, 2016 Board webinar was presented.

II. Design Manual Items

A. Water valve box types (Section 4C-1, D)

Clarifying when to use slide type valve boxes and when to use screw type boxes. The motion to approve was made by Myron Van Ginkel and seconded by Cody Forch. The motion was approved.

B. Pavement thickness (Section 5F-1)

Updating truck mixes to 2014 values and added a third truck mix. Updating ESAL tables. This district would prefer using AASHTO for the temperature guidelines.

C. Jointing of concrete roundabouts (Section 5G-6)

New section providing guidance on selecting a jointing type and layout of a jointing pattern for PCC roundabouts. The motion to approve was made by Dan Eckert and seconded by Myron Van Ginkel. The motion was approved.

D. Pavement overlays (Section 5K-4)

New section for HMA and PCC overlays and associated interlayers. On page 7, clarify the slab dimensions are in feet. Add interlayers to asphalt. *Note - these revisions were made.*

E. Buffered and separated bicycle lanes (Sections 5M-1 and 12B-3)

Expanding bicycle lane descriptions in the complete streets section and adding more detailed design information on buffered and separated bicycle lanes in Section 12B-3. Add the rumble strips in the buffer area as a reminder to the driver to not drive into the bicycle lane. The motion to approve, with the above addition, was made by Dan Eckert and seconded by Dave Carney. The motion was approved. *Note - this language will be added prior to the Board meeting.*

F. Stringless paving and automated machine guidance (Section 5N-1)

Adding a new design section to address use of stringless paving equipment and automated machine guidance. This district did not have any comments.

G. Depth of bury for polypropylene pipe (Section 9B-5)

Adding depth of bury information for polypropylene pipe. The motion to approve was made by Myron Van Ginkel and seconded by Brad Beck. The motion was approved.

H. Sidewalk design guidance (Section 12A-2)

Adding information to encourage designers to look at curb ramp designs that are more constructible and

discussed compliance measurement timing. The motion to approve was made by Jason Etnyre and seconded by David Doxtad. The motion was approved.

III. Specifications Manual Items

A. Trench stabilization materials (Section 3010, 2.05)

Adding a standard gradation option (Iowa DOT Gradation No. 13). One committee member questioned the DOT reference - thought it should be Section 4122 rather than 4128. *Note - this reference is correct; Section 4128 is new.*

B. Welder certification (Section 3020, 2.02, B, 1)

Revising to align with Iowa DOT changes in welder certification by an American Welding Society accredited facility. The motion to approve was made by Dan Eckert and seconded by Luke Summers. The motion was approved.

C. Stringless paving (Sections 1040, 1.05; 7010, 1.08, 3.01, and 3.02; 11,010, 3.03)

Updating requirements to allow the use of stringless paving equipment to provide information to the contractor and the equipment requirements, as well as the construction staking. This district did not have any comments.

D. Laser guided screed and concrete pumping (Section 7010, 3.01, B & C and 3.02, F)

Adding to the specifications to allow the use of laser guided screeds and concrete pumping. This district did not have any comments.

E. PCC overlay pavement (Sections 7010 and 7011)

New section for PCC overlays projects. Leave measurement and payment as is for the separation layers.

F. HMA overlay pavement (Sections 7020 and 7021)

New section for HMA overlays projects. This district did not have any comments.

G. Form setting and testing (Section 7030, 3.04 and 3.08)

Adding criteria for when the Engineer would provide staking and also requirements on the timing of compliance checks for sidewalks, curb ramps, turning spaces, and shared use paths. This district did not have any comments.

H. Pavement rehabilitation (Section 7040)

Updating information on partial depth patches and added a section on dowel bar retrofit for PCC pavements. In 3.03, B, 8, clarify if "days" is calendar days or working days. *Note - revised to say calendar days.*

I. Temporary traffic control (Section 8030)

New section to provide standard temporary traffic control layouts. The motion to approve was made by Randy Krauel and seconded by Dan Eckert. The motion was approved.

J. Bonded fiber matrix (Section 9010, 2.07)

Removing some of the physical requirements for hydraulic mulch so approval is based on performance and to align with the DOT. The motion to approve was made by Myron Van Ginkel and seconded by Dustin Wallis. The motion was approved.

K. Developmental specification for fusible PVC for water mains

Adding a new product for water main construction. The motion to approve as a DS was made by Jason Etnyre and seconded by Dave Carney. The motion was approved.

IV. Other

A. Discussion Items

- *Steps in manholes - change the default?* Some use steps and some don't.
- *Experiencing problems with SW-509 intake beam?* No one in this district knew of this problem.
- *Do you require contractors to use vibrators or hand tools to consolidate sidewalk and driveway concrete?* One committee member said yes for driveway; no for sidewalk.
- *Switching to only electronic versions of the SUDAS manuals?* Not really in favor.
- *Other?* None.

B. Products and/or research

District committee members can suggest new products or research topics for potential SUDAS manual inclusion. This district did not have any suggestions at this time.

The meeting was adjourned at 12:59 pm. Minutes were recorded by Beth Richards, SUDAS Program Coordinator.