

SUDAS District 5 Committee Meeting Minutes

April 26, 2018

The meeting was called to order at 10:03 am by Terry Knoke.

Present:

Ryne Thornburg, Van Buren County
Jack Pope, Garden & Associates
Akhilesh Pal, City of Oskaloosa
Bill Haag, Koala Consulting Services
Larry Driscoll, City of Fort Madison
Dwight Dohlman, City of Ottumwa

Christy VanBuskirk, Iowa DOT
Tyler Christian, Marion County
Steve Hausner, French-Reneker Associates
Terry Knoke, PSBA
Paul Wiegand, SUDAS
Beth Richards, SUDAS

I. Administrative

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

The motion to approve the minutes was made by Dwight Dohlman and seconded by Akhilesh Pal. The motion was approved. The committee concurred with the proposed meeting schedule.

B. Board of Directors meeting minutes

A summary of actions at the November 14, 2017 Board webinar was presented.

C. Expanded use of SUDAS

Discussion of using SUDAS Specifications for non-federal aid projects let by the Iowa DOT. This committee thought it was worth a shot.

D. Use of mid-year update

Are the updates posted on our website after the May Board meeting and October ERL actually used? Agree that ERL should match the actual official annual edition of the Specifications and agree with our proposed schedule.

II. Design Manual Items

A. HMA binder grades (Design Section 5D-1; Spec Section 7021, 2.04)

Modified binder grades per new climate information. The motion to approve was made by Ryne Thornburg and seconded by Steve Hausner. The motion was approved.

B. Pavement thickness design (Section 5F-1)

Updated and expanded truck mix tables; modified parameters to use AASHTO charts for seasonal variability, resilient modulus, and modulus of subgrade reaction; developed new thickness tables. The motion to approve was made by Akhilesh Pal and seconded by Jack Pope. The motion was approved.

C. Cold-in-place recycling (Design Section 5J-2 and Spec Section 7090)

Developed new Design and Spec sections for cold-in-place recycling (CIR) projects. Make sure we match the changes the Iowa DOT is making. The motion to approve was made by Larry Driscoll and seconded by Steve Hausner. The motion was approved. *Note - matched Iowa DOT's changes.*

D. Full depth reclamation (Design Section 5J-3 and Spec Section 7091)

Developed new Design and Spec sections for full depth reclamation (FDR) projects. The motion to approve was made by Larry Driscoll and seconded by Akhilesh Pal. The motion was approved.

E. General Permit No. 2 updates (Sections 7A-1 and 7B-1)

Updated the requirements to reflect changes in General Permit No. 2 regulations (effective March 1, 2018). The motion to approve was made by Bill Haag and seconded by Jack Pope. The motion was approved (one nay).

F. Brick sidewalks and ADA compliance (Section 12A-2, E)

Enhanced design information on the use of bricks and pavers in pedestrian access routes. Mention brick/pavers are not approved with detectable warning panels and no sand base. The motion to approve was made by Akhilesh Pal and seconded by Dwight Dohlman. The motion was approved. *Note - added statement to address this.*

III. Specifications Manual Items

A. Contract subletting requirement (Section 1080, 1.01, A)

Modified the limitation that the prime contractor had to be responsible for 50% of the contract. The motion to approve was made by Bill Haag and seconded by Dwight Dohman. The motion was approved.

B. Water main tracer wire (Section 5010, 2.05, B)

Modified tracer wire requirements for trenchless installations. The motion to approve was made by Ryne Thornburg and seconded by Steve Hausner. The motion was approved.

C. Brick sidewalk requirements (Section 7030, 1.08, F; 2.03-2.07; 3.06-3.07 and Figure 7030.203)

Deleted sand bedding and modify brick/paver requirements to meet ADA. The motion to approve was made by Aklhelish Pal and seconded by Steve Hausner. The motion was approved.

D. Traffic signal pole foundations in rock (Figure 8010.102)

Added option for placement in rock. The motion to approve was made by Bill Haag and seconded by Ryne Thornburg. The motion was approved.

E. Anchor plate (Section 9080, 2.05, A, 1 and Figures 9080.101 - 9080.103)

Corrected the dimensions of the anchor plate for safety rail to be consistent with what is actually used. The motion to approve was made by Larry Driscoll and seconded by Jack Pope. The motion was approved.

IV. Other

A. Discussion Items

- *Add all Iowa DOT intake standards to SUDAS?* SW-541, 542, and 545 are used by people in this district. Easy enough to have a special provision to reference Iowa DOT.
- *Revisit recommended lane widths and curb offsets in complete streets section to address traffic calming and walkability concepts, especially for already built-up areas (NACTO recommendations)?* IHRB project coming up for two-way left turn lanes; talk about adding this to that project. Agree to wait for the research.
- *Modify default on steps in manholes?* Steps are beneficial when you are using the proper equipment.
- *Consistency in use of rock subbase for cast-in-place manhole/intake construction?* Agree with making it consistent (adding rock subbase to cast-in-place structures).
- *Railroad crossing bid items - lump sum or break into parts?* Agree with making it a separate bid item like Iowa DOT.
- *Add detail for internal manhole drop?* Ottumwa has their own detail for this. Add it as an option to give people an option. Make sure to include some design information.
- *Add details for tying storm sewer pipe joints on steep installations (similar to Iowa DOT)?* Some here have used them on storm sewers (steep installations); others on just culverts.
- *Provide bid items for structural concrete and reinforcing steel for cast-in-place manholes and intakes?* No.
- *Concrete compression test cylinders - 6", 4", or both?* Okay with allowing 4".
- *Develop specifications for non-destructive measurements of PCC slab thickness?* One committee member uses a blunt end of a saw to measure - contractor does it as they monitor. No other comments.
- *Iowa DOT changes to pavement smoothness Section 2317 to initiate IRI indexes?* Iowa DOT is asking for input on these revisions. Not affordable in urban areas.
- *Other?*
 - *PV-101 change* - FYI
 - *Outside drop* - One committee member requires contractors to extend pipe 6" into manhole and remove the top half of the pipe. Allows for camera to go into the pipe easier.

B. Products and/or research

- *Add Inserta Tee for sewer service connections?* No opinion except worried about interfering with pipe flow.
- *EJ SELFLEVEL castings?* Okay with exploring.

The meeting was adjourned at 1:09 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.