

SUDAS District 4 Committee Meeting Minutes

April 10, 2018

The meeting was called to order at 10:02 am by Scott Reelfs.

Present:

Vince Ehlert, Iowa DOT

George Parris, JEO Consulting Group

Scott Reelfs, HGM Associates Inc.

Mike Hackett, Madison County

Brad Skinner, Montgomery County

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 Vince Ehlert and seconded by Mike Hackett. 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. Reasonable option.

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. One commented that he doesn't think this is a good idea because of low temperatures experienced this year. The motion to approve was made by George Parris and seconded by Vince Ehlert. 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 Mike Hackett and seconded by Dave Vermillion. 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. This group suggested identifying target amounts for specifying recycling agent in the bid quantities. The motion to approve was made by Vince Ehlert and seconded by Scott Reelfs. The motion was approved. *Note - the change was made.*

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 George Parris and seconded by Mike Hackett. 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 Brad Skinner and seconded by Scott Reelfs. The motion was approved.

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

Enhanced design information on the use of bricks and pavers in pedestrian access routes. The motion to approve was made by Scott Reelfs and seconded by Dave Vermillion. The motion was approved.

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 George Parris and seconded by Scott Reelfs. 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 Scott Reelfs and seconded by Vince Ehlert. 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 Dave Vermillion and seconded by George Parris. 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 Scott Reelfs and seconded by Mike Hackett. 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 Mike Hackett and seconded by Dave Vermillion. The motion was approved.

IV. Other

A. Discussion Items

- *Add all Iowa DOT intake standards to SUDAS?* No opinion. Some seem too specialty to be needed in SUDAS.
- *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 lane; talk about adding this to that project. Agree to wait for the research.
- *Modify default on steps in manholes?* This district has deleted steps in their supplemental specs; however, the manholes arrive with the steps in so they cut them out.
- *Consistency in use of rock subbase for cast-in-place manhole/intake construction?* Council Bluffs says a lot of their contractors put the rock in anyway because it's easier to build off of. Agree with making it consistent (adding to cast-in-place structures).
- *Railroad crossing bid items - lump sum or break into parts?* Make it a separate bid item - PCC railroad crossing approach.
- *Add detail for internal manhole drop?* Yes - would be a nice option to have.
- *Add details for tying storm sewer pipe joints on steep installations (similar to Iowa DOT)?* Madison County ties the entire length of the pipe and they require 2 ties instead of 1. Not a bad thing to add.
- *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 the 4 inch option.
- *Develop specifications for non-destructive measurements of PCC slab thickness?* Questioned if there's a possibility of smaller cores. Don't like cutting holes in the brand new pavement. Could maybe require the bridge on the paving machine. GPR to read the thickness?
- *Iowa DOT changes to pavement smoothness Section 2317 to initiate IRI indexes?* Iowa DOT is asking for input on these revisions. This district asked how many inertial profilers the Iowa DOT has.
- *Other?* None.

B. Products and/or research

- *Add Inserta Tee for sewer service connections?* Council Bluffs has used them.
- *Other?* Has anyone used galvanized rebar? Iowa DOT has a spec for them. Used instead of epoxy bars.

The meeting was adjourned at 1:08 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.