

SUDAS All-Region Webinar Minutes

February 21, 2024

The meeting was called to order at 9:00 am by David Carney.

West Region Members Present:	
Amanda Goodenow, ISG John Jorgensen, HGM Associates Inc. Randy Krauel, City of Carroll Aaron Lincoln, City of Sergeant Bluff Mark Nahra, Woodbury County Gordon Phair, City of Sioux City Justin Pottorff, City of Sioux City	Gary Sasse, JEO Consulting Group Inc. Danny Sturm, JEO Consulting Group Inc. Dave Sturm, Snyder & Associates Justin Thiemann, McClure Luke Vanderhorst, Bolton & Menk, Inc. Bryan Wells, DGR Engineering
Central Region Members Present:	
David Bovee, HR Green Greg Broussard, Bolton & Menk, Inc. John Gade, FOX Strand, Inc. Matt Greiner, City of Johnston Daniel Harness, Iowa DOT Aaron Jarosh, City of Grimes Eric Johnsen, Iowa DOT David Kamp, City of Des Moines Steve Klocke, Snyder & Associates Danny Knispel, City of Altoona Heidi Lane, HNTB Corporation Darwin Larson, APAI Jeff May, City of Clive Ben McAlister, City of West Des Moines	Michael Mitchell, JEO Consulting Group, Inc. Austin Morrow, City of Ft. Dodge Steven Naber, City of Des Moines Mark Rahm, City of Mason City Dean Sayre, City of Ames Becky Schwab, S.E.H. Jeremiah Selby, Monroe County Dave Skogerboe, HDR, Inc. Larry Stevens, HR Green Nichole Sungren, MSA Professional Services Mike Thiel, Iowa DOT Tom Vlach, City of Des Moines Jay Waddingham, Franklin County Larry Workman, City of Pleasant Hill
East Region Members Present:	
Zaid Alsamawi, City of Coralville Darin Andresen, City of Marion Bryan Benjamin, HR Green Jon Biederman, Fehr Graham Phillip Burgmeier, City of Ottumwa Wayne Castle, City of Waterloo Mark Crawford, Crawford Engineering and Surveying Kent Ellis, Shive-Hattery, Inc. Dillon Feldmann, Iowa DOT Jacob Hahn, City of Marion Angie Kersten, Scott County Dan Kimball, AECOM	Mike Kurek, HDR, Inc. Scott Larson, City of Coralville Brent Morlok, City of Bettendorf Bob Schiesl, City of Dubuque Patrick Schwickerath, Snyder & Associates Greg Shuger, Stanley Consultants Casey Stickfort, Clayton County Michelle Sweeney, AECOM Lee Tippe, City of Cedar Rapids Bob Tobin, Shoemaker & Haaland Joe Welter, City of Iowa City
Staff Present:	
David Carney, SUDAS	Beth Richards, SUDAS

I. Administrative

A. Schedule of 2024 regional meetings

The proposed schedule of meetings was presented.

II. Design Manual Items

A. Erosion and sediment control (Design Sects 7E-5, 7E-18, and 7E-21; Spec Sect 9040)

Revised spec section based on last year's revisions to the erosion and sediment control design sections, which lead to additional design revisions. Changes were also proposed as a result of revisions from the Erosion Control Technology Council's guidelines. Discussed the idea of developing a grid tied construction block mat figure; several proposed referencing manufacturing details instead.

III. Specifications Manual Items

A. Unsuitable backfill material (Section 3010, 1.08, A, 2 and D)

Modified language to more clearly define incidental removal of soil material and costs associated with removal and replacement of unsuitable trench materials. No comments.

B. Pipe cleaning and rehabilitation (Section 4050)

Revised section to provide separate specifications for cleaning from rehabilitation and added payment for the removal and disposal of materials from site. This will allow communities to use SUDAS Specifications for letting just cleaning projects, if necessary. One person commented to make sure to cross check references about pipe cleaning (specifically in Section 4060). Another commented that preliner is required with some pipe liners.

C. Surface water crossing (Section 5010, 3.06, E)

Language was mistakenly deleted when the DNR rules for water and sewer conflict requirements were updated. No comments.

D. Connection to existing manhole or intake (Section 6010, 1.08, G and 3.05, A)

Added language about removing/replacing fillet. No comments.

E. Pavement joints (Figure 7010.101/PV-101)

Iowa DOT Construction and Materials Bureau requested adding elliptical dowels as an option for dowel joints. No comments.

F. Chain link fence (Section 9060, 3.01, B, 2, b)

Added language to allow mechanical installation of posts for residential fences according to ASTM F 567, if allowed by the contract documents. No comments.

G. Combined retaining wall - sidewalk (Figure 9072.221/MI-221)

Added a clarification dimension to the Type A wall detail. No comments.

IV. Other

A. Discussion items

- *What criteria are being using to determine your pre-development runoff rates? Storm duration based on T_c or other? Pre-development site conditions?* Sioux City does a 10 year, 3 hour storm. West Des Moines considers agriculture to be development, so pre-developed is meadow; storm duration is 24 hours unless a critical duration analysis is provided. Marion looks at whatever pre-development classification was.
- *Should we add a bid item to Section 2010 to address removal and disposal of objectionable items?* Should remain as a change order item.
- *Clarification on Figure 4040.233, note 9 - "for subdrain outlet to ditch, only use fork type rodent guard."* No comments.
- *In pipe rehabilitation, does the grinding of the protruding service have to be flush to the main sewer pipe or can we allow 1/2 inch?* Leave as flush and let each engineer decide if it's acceptable or not.
- *Add guidance for low pressure sewer systems?* One person said he wouldn't mind seeing something for in the ROW, particularly parallel with the street.
- *Should we add language to the specs regarding the charging of working days during pavement curing (like Iowa DOT Article 1108.02, E, 5)?* Doesn't hurt to clarify.
- *Should we pay for winter protection for PCC and winter additives for HMA?* Discussions back and forth. In the Cedar Rapids supplements to SUDAS, winter protection within the contract period is paid at set rates as a change order. Contract end dates can be adjusted by the jurisdiction if the contractor is delayed by conditions outside their control.
- *Iowa DOT changed their pavement marking width.* Changed from 4 inches to 6 inches. Staff felt 4 inch was still the standard for cities. Group agreed to leave as is.
- *Should we add a foundation design for a signal pole with two mast arms?* No; project specific.
- *Add erosion control mobilization as included in the Iowa DOT Specifications?* No. Iowa City has added language to their supplemental.
- *Other?* Plugging and abandonment of wells - ISG has a former DNR employee who had some concerns about that figure. Will send their comments to us.

B. Iowa Public Works Service Bureau update

An update on the project was presented.

C. Products and/or research

None.

The meeting was adjourned at 10:32 am. Minutes were recorded by Beth Richards, SUDAS Program Coordinator.