



**MINUTES
OF
IOWA DOT SPECIFICATION COMMITTEE MEETING**

March 12, 2020

Members Present:	Darwin Bishop Roger Boulet Donna Buchwald Mark Dunn Daniel Harness Eric Johnsen, Secretary Wes Musgrove Scott Nixon Mike Nop Tom Reis, Chair	District 3 – Construction District 6 - Materials Local Systems Bureau Contracts & Specifications Bureau Design Bureau Contracts & Specifications Bureau Construction & Materials Bureau District 4 - Creston RCE Bridges & Structures Bureau Contracts & Specifications Bureau
Members Not Present:	Charlie Purcell Willy Sorensen	Project Delivery Division Traffic & Safety Bureau
Advisory Members Present:	Lisa McDaniel Christy Vanbuskirk	FHWA Local Systems Bureau

The Specification Committee met on Thursday, March 12, 2020, at 9:00 a.m. in the NW Wing, 1st Floor Conference Room. Tom Reis, Specifications Engineer, opened the meeting. The items were discussed in accordance with the agenda dated March 3, 2020:

The minutes are as follows:

1. Article 1113.02, C, Shared Contracting Authority and Contractor/Supplier Responsibilities.

The Local Systems Bureau requested to require specific naming conventions be used in Doc Express for local systems projects.

2. Article 2316.05, F, Schedule of Payment (Pavement Smoothness).

The Construction and Materials Bureau requested to raise the price adjustment for dips not corrected.

3. Article 2413.02, D, 2, b, Structural Concrete.

The Construction and Materials Bureau requested to eliminate mid-range water reducer requirement for high performance concrete.

4. Article 2529.02, A, Hot Mix Asphalt Mixture (Full Depth Finish Patches).

Article 2530.02, A, Hot Mix Asphalt Patching Material (Partial Depth Finish Patches).

The Construction and Materials Bureau requested to allow a different asphalt binder grade for patching material that is a more economical alternative.



SPECIFICATION REVISION SUBMITTAL FORM

Submitted by: Donna Buchwald	Office: Local Systems Bureau	Item 1
Submittal Date: December 23, 2019	Proposed Effective Date: October 2020 GS	
Article No.: 1113.02, C Title: Shared Contracting Authority and Contractor/Supplier Responsibilities	Other:	

Specification Committee Action: Approved with changes.

Deferred:	Not Approved:	Approved Date: 3/12/2020	Effective Date: 10/20/2020
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Specification Committee Approved Text:

1113.01, A, Structure.

Add to the end of the Article:

For contracts where Contracting Authority is a county or city, files uploaded to Doc Express shall be named and filed according to current Doc Express Drawers, Document Types, and Naming Convention published by Local Systems Bureau in Local Systems Instructional Memorandum 6.000, Attachment F.

Comments: AGC agreed to this revision and will participate more in the training put on by the DOT on how to use Doc Express.

Move to 1113.01, A per District 3.

Contracts to add to bucket list until October letting.

From: Musgrove, Wes <Wes.Musgrove@iowadot.us>

Sent: Friday, February 14, 2020 11:10 AM

To: Buchwald, Donna <Donna.Buchwald@iowadot.us>; Purcell, Charlie <Charlie.Purcell@iowadot.us>

Subject: Local Systems Doc Express naming convention update

Charlie, Donna,

In follow-up to this subject, Donna scheduled a meeting with Ron Otto yesterday morning in my office to further discuss the Doc Express naming convention with AGC. At the end of our discussion, Ron indicated AGC's support to proceed with implementation on local projects. I will give Donna credit, as I had not expected that outcome. I think it was just a matter of face-to-face discussion to understand the perspectives of both sides.

Donna, as you and I discussed, I visited with Roger Boulet after we met with Ron. I was unable to attend the January Spec Committee meeting, but I understand he took a strong position against the naming convention at that meeting. Following my discussion with him to brief him on the outcome of our discussion with AGC, he said he would not object to proceeding when this is presented for discussion again. He suggested getting an updated position from AGC in writing, which you are likely already discussing with Tom Reis and AGC.

Also, as I mentioned, I want to pursue the idea with Info Tech to develop a "wizard" within Doc Express to name documents on submittal. The idea is that when uploading any document to Doc Express, the submitter would simply be prompted to select the document type from a drop-down menu for the first fragment. The computer would then auto-populate the date for the second fragment. Lastly, there would be an optional field for anything else the submitter desires to add to the document name (so as


an example, a contractor could customize that piece of the file name for their own records if desired). This approach would simplify and standardize the process of naming all documents on submittal... just one click for the submitter to select the document type, and then the computer adds the date fragment. This is something we could get on board with on the state side, and would negate the need to have the naming convention as a contract document.


Donna, thanks for our meeting, and I want to reiterate that I/we want to be supportive and considerate of you, your staff, and Local Systems in the areas where we overlap in our business practices in administering state and local projects. I know there has been some differences between our bureaus over the years, but we both want to change that, and so we will!

Sincerely,
-Wes



WES MUSGROVE, PE
DIRECTOR
CONSTRUCTION AND MATERIALS BUREAU

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Specification Section Recommended Text:

1113.02, C, Shared Contracting Authority and Contractor/Supplier Responsibilities.

Replace the Article:

1. Doc Express will store final versions of documentation required for the contract. Some documents require involvement and coordination between the Contracting Authority and Contractor to reach a final version. This shared responsibility will be coordinated to prevent incomplete or redundant data from being electronically stored.
2. For contracts where Contracting Authority is a county or city, files uploaded to Doc Express shall be named and filed according to current Doc Express Drawers, Document Types, and Naming Convention published by Local Systems Bureau in Local Systems Instructional Memorandum 6.000, Attachment F.

Comments: The Construction and Material Bureau stated that they have not had issues with Doc Express naming conventions and performing audits on projects and do not want to require these revisions on primary projects.

The revision will be discussed with AGC to get their input and brought back to Specification Committee.

Member's Requested Change: (Do not use 'Track Changes', or 'Mark-Up'. Use ~~Strikeout~~ and Highlight.)

Add the following at the end of the paragraph:

For contracts where the Contracting Authority is a county or city, any files uploaded to Doc Express must be filed and named according to the current Doc Express Drawers, Document Types, and Naming Convention as published by the Local Systems Bureau in Local Systems Instructional Memorandum 6.000, Attachment F.

Reason for Revision: The Local System Bureau created this Naming Convention for the local agencies and their contractors to use with a group of stakeholders that included representatives from several DOT offices, cities, counties, consultants, and contractors. When used, a substantial amount of time is saved by our field staff during construction, but more importantly during audits and reviews. It also has allowed the ERMS process to be automated, taking just minutes for the DOT to archive contracts to meet the Department's retention requirements.

New Bid Item Required (X one)	Yes	No X
Bid Item Modification Required (X one)	Yes	No X
Bid Item Obsolescence Required (X one)	Yes	No X
Comments:		
County or City Comments:		
<p>Industry Comments: AGC Iowa has become aware of proposed changes submitted by the Local Systems Bureau on December 23, 2019 regarding Shared Contracting Authority and Contractor/Supplier Responsibilities. AGC Iowa is opposed to the changes to 1113.02, C as there have not been widespread problems with current specs and this change would create more specific naming work on local projects than state projects. In short, the current system is working fine and placing a greater burden on contractors performing local work is not necessary. Perhaps additional training with local governments would be a better solution than creating a new naming system.</p>		

Form 510130 (08-15)



SPECIFICATION REVISION SUBMITTAL FORM

Submitted by: Wes Musgrove		Office: Construction & Materials	Item 2
Submittal Date: December 2019		Proposed Effective Date: October 2020	
Article No.: 2316.05, F Title: Schedule of Payment (Pavement Smoothness)		Other:	
Specification Committee Action: Approved as recommended.			
Deferred:	Not Approved:	Approved Date: 3/12/2020	Effective Date: 10/20/2020
Specification Committee Approved Text: See Specification Section Recommended Text.			
Comments: Committee discussed how to handle the number of dollar amounts that are in the specifications and how to handle those in the future so that the amounts don't get so far out of date. Specifications Section will come up with a list of dollar amounts in the specifications and how recently the prices were set.			
Specification Section Recommended Text: 2316.05, F. Replace the Article: A \$900 \$1600 price adjustment will be assessed for each dip not corrected in each pavement lane under schedule a and b, except as stated in article 2316.03, C, 3. In addition, a \$900 \$1600 price adjustment will be assessed for each bump not corrected under schedule a and b, except as stated in article 2316.03, C, 3. Bumps and dips not corrected will also be included in the evaluation for the segment smoothness.			
Comments:			
Member's Requested Change: (Do not use 'Track Changes', or 'Mark-Up'. Use Strikeout and Highlight .) 2316.05 SCHEDULE OF PAYMENT. F. A \$900 \$1600 PRICE ADJUSTMENT WILL BE ASSESSED FOR EACH DIP NOT CORRECTED IN EACH PAVEMENT LANE UNDER SCHEDULE A AND B, EXCEPT AS STATED IN ARTICLE 2316.03, C, 3. IN ADDITION, A \$900 \$1600 PRICE ADJUSTMENT WILL BE ASSESSED FOR EACH BUMP NOT CORRECTED UNDER SCHEDULE A AND B, EXCEPT AS STATED IN ARTICLE 2316.03, C, 3. BUMPS AND DIPS NOT CORRECTED WILL ALSO BE INCLUDED IN THE EVALUATION FOR THE SEGMENT SMOOTHNESS.			
Reason for Revision: The \$900 price adjustment level has not been adjusted since the 1995 specifications. Adjusted according to the Bureau of Labor Statistics consumer price index. https://www.bls.gov/home.htm			
New Bid Item Required (X one)	Yes	No x	
Bid Item Modification Required (X one)	Yes	No x	
Bid Item Obsolescence Required (X one)	Yes	No x	
Comments:			
County or City Comments:			
Industry Comments:			

Form 510130 (08-15)



SPECIFICATION REVISION SUBMITTAL FORM

Submitted by: Wes Musgrove/Todd Hanson		Office: Construction & Materials	Item 3
Submittal Date: February 2020		Proposed Effective Date: October 2020	
Article No.: 2413.02, D, 2, b Title: Structural Concrete		Other:	
Specification Committee Action: Approved as recommended.			
Deferred:	Not Approved:	Approved Date: 3/12/2020	Effective Date: 10/20/2020
Specification Committee Approved Text: See Specification Section Recommended Text.			
Comments: Construction and Materials Bureau will discuss this change with Districts and RCE's to allow this change by change order on existing contracts before it goes into effect in October.			
Specification Section Recommended Text: 2413.12, D, 2, b. Replace the Article: Use a mid-range normal water reducing admixture listed in Materials I.M. 403, Appendix C and a retarder listed in Materials I.M. 403 Appendix G . When the expected haul time is less than 30 minutes or the maximum air temperature expected is less than 75°F, addition of a retarder is not required. The intent of the mid-range water reducer is to achieve a workable, dense, and low w/c ratio concrete. The Engineer may approve other admixtures or combinations of admixtures and dosages to achieve a workable low w/c ratio mix.			
Comments:			
Member's Requested Change: (Do not use 'Track Changes', or 'Mark-Up'. Use Strikeout and Highlight.)			
<p>2. Class HPC-O High Performance Concrete. Meet the requirements of Materials I.M. 529 and the following:</p> <ul style="list-style-type: none"> a. A slump of 1 inch to 4 inches, measured according to Materials I.M. 317, with a maximum of 5 inches. Commence testing for concrete slump from a continuous mixer within 2 to 4 minutes after the concrete is discharged. Before placing ready mix concrete, test the slump. b. Use a mid-range normal water reducing admixture listed in Materials I.M. 403, Appendix C and a retarder listed in Materials I.M. 403 Appendix G. When the expected haul time is less than 30 minutes or the maximum air temperature expected is less than 75°F, addition of a retarder is not required. The intent of the mid-range water reducer is to achieve a workable, dense, and low w/c ratio concrete. The Engineer may approve other admixtures or combinations of admixtures and dosages to achieve a workable low w/c ratio mix. 			
Reason for Revision: Standard bridge deck mix has been changed to eliminate the requirement for a mid range water reducer. Mid range water reducers are really just low dosage of HRWR and seem to reduce water to the point that it is more difficult to entrain air. Similar to bridge decks, the HPC overlays have experienced significant cracking. Using a normal water reducer may help achieve better hydration and hopefully reduce cracking. Also, will help avoid confusion in the field between HPC and HPC-O mix requirements.			
New Bid Item Required (X one)	Yes	No x	
Bid Item Modification Required (X one)	Yes	No x	
Bid Item Obsolescence Required (X one)	Yes	No x	
Comments:			

County or City Comments:
Industry Comments: Industry agrees with change.

Form 510130 (08-15)



SPECIFICATION REVISION SUBMITTAL FORM

Submitted by: Wes Musgrove		Office: Construction & Materials	Item 4
Submittal Date: 2/10/2020		Proposed Effective Date: October 2020 GS	
Article No.: 2529.02, A. Title: Hot Mix Asphalt Mixture (Full Depth Finish Patches) Article No.: 2530.02, A. Title: Hot Mix Asphalt Patching Material. (Partial Depth Finish Patches)		Other:	
Specification Committee Action: Approved as recommended.			
Deferred:	Not Approved:	Approved Date: 3/12/2020	Effective Date: 10/20/2020
Specification Committee Approved Text: See Specification Section Recommended Text.			
Comments: None.			
Specification Section Recommended Text: 2529.02, A, Hot Mix Asphalt Mixture. Replace the Article: Unless stated elsewhere in the contract documents, use HMA meeting or exceeding Section 2303 requirements for a Standard Traffic (ST) surface mixture. Use an asphalt binder meeting or exceeding PG 64-22S or PG 58-28HS. For full depth patches on HMA overlay projects, the binder grade specified for mainline intermediate or surface course may be substituted.			
2530.02, A, Hot Mix Asphalt Patching Material. Replace the Article: Unless stated elsewhere in the contract documents, use HMA meeting or exceeding Section 2303 requirements for a Standard Traffic (ST) 3/8 or 1/2 inch surface mixture. Use an asphalt binder that meets or exceeds PG 64-22S or PG 58-28HS. For partial depth patches on HMA overlay projects, the binder grade specified for mainline intermediate or surface course may be substituted.			
Comments:			
Member's Requested Change: (Do not use 'Track Changes', or 'Mark-Up'. Use Strikeout and Highlight.) Revise the second sentence of the article: 2529.02 MATERIALS. A. Hot Mix Asphalt Mixture. Unless stated elsewhere in the contract documents, use HMA meeting or exceeding Section 2303 requirements for a Standard Traffic (ST) surface mixture. Use an asphalt binder meeting or exceeding PG 64-22S or PG 58-28HS. For full depth patches on HMA overlay projects, the binder grade specified for mainline intermediate or surface course may be substituted.			

Revise the second sentence of the article:		
2530.02 MATERIALS.		
A. Hot Mix Asphalt Patching Material.		
Unless stated elsewhere in the contract documents, use HMA meeting or exceeding Section 2303 requirements for a Standard Traffic (ST) 3/8 or 1/2 inch surface mixture. Use an asphalt binder that meets or exceeds PG 64-22S or PG 58-28 HS . For partial depth patches on HMA overlay projects, the binder grade specified for mainline intermediate or surface course may be substituted.		
Reason for Revision: PG 64-22S is often not readily available. In this situation, PG 58-28S is considered an acceptable (and much more economical) substitution versus PG 58-28H.		
New Bid Item Required (X one)	Yes	No X
Bid Item Modification Required (X one)	Yes	No X
Bid Item Obsolescence Required (X one)	Yes	No X
Comments:		
County or City Comments:		
Industry Comments: APAI & HMA contractors have expressed support for the change.		