



**MINUTES
OF
IOWA DOT SPECIFICATION COMMITTEE MEETING**

August 11, 2022

Members Present:	Mark Dunn Daniel Harness Eric Johnsen, Chair Scott Nixon Mike Nop Donna Matulac Christy VanBuskirk Willy Sorensen	Contracts & Specifications Bureau Design Bureau Contracts & Specifications Bureau District 1 - Construction Bridges & Structures Bureau Contracts & Specifications Bureau Local Systems Bureau Traffic & Safety Bureau
Members Not Present:	Charlie Purcell Darwin Bishop Wes Musgrove Bob Welper	Project Delivery Division District 3 - Construction Construction & Materials Bureau District 2 - Materials
Advisory Members Present:	Curtis Carter Jeff Devries Kevin Merryman Scott Sommers Lisa McDaniel Paul Wiegand	Construction & Materials Bureau Construction & Materials Bureau Construction & Materials Bureau Construction & Materials Bureau FHWA SUDAS

The Specification Committee met on Thursday, August 11, 2022, at 9:00 a.m. Eric Johnsen, Specifications Engineer, opened the meeting. The items were discussed in accordance with the agenda dated August 1, 2022:

The minutes are as follows:

**1. Section 1102, Proposal Requirements and Conditions.
Article 1107.06, C, Use of United States-Flag Vessels.**

The Civil Right Bureau and Contracts and Specifications Bureau requested to update the specifications to meet new federal requirements.

2. Article 1102.19, D, 1, d, Training and Promotion Plan (Equal Employment Opportunity and Affirmative Action Requirements).

The Civil Right Bureau requested to provide clarification and consistency with the intent of the on-the-job trainee requirement as established in Article 1102.19, A, 1.

3. Article 1108.02, E, Charging of Working Days.

The Construction and Materials Bureau requested to remove working day charges for Saturdays.

4. Article 2412.03, E, Curing Concrete Decks.

The Construction and Materials Bureau requested to add impermeable covering as a deck curing option during the warmer months with additional requirements due to the higher rate of evaporation.

**5. Article 2527.03, A, 2, Construction (Pavement Marking).
Article 4183.03, B, 1, b, Resin Solids (Fast Dry Waterborne Traffic Paints).**

The Construction and Materials Bureau and Specifications Section requested to update the low temperature waterborne paint requirements.

**6. Article 2531.03, D, Pavement Surface Repair (Milling).
Article 2532.03, D, Pavement Surface Repair (Diamond Grinding).**

The Construction and Materials Bureau requested to clarify the order of operations for pavement surface repair.

7. Article 4149.04, A, 1, Precast (Sanitary and Storm Sewer Structures).

The Specifications Section requested to update the precast sanitary and storm sewer structures requirements.

Form 510130 (08-15)



SPECIFICATION REVISION SUBMITTAL FORM

Submitted by: Mark Dunn / Eric Johnsen / Nikita Rainey		Office: Contracts & Specifications / Civil Rights	Item 1
Submittal Date: 7/22/2022		Proposed Effective Date: April 2023	
Section No.: 1102 Title: Proposal Requirements and Conditions Article No.: 1107.06, C Title: Use of United States-Flag Vessels		Other:	
Specification Committee Action: Approved as recommended			
Deferred:	Not Approved:	Approved Date: 8/11/2022	Effective Date:
Specification Committee Approved Text: See Specification Section Recommended Text			
Comments: Flag vessels update will be effective with the April 2023 GS. The EEO sections will be effective with the October 18, 2022 letting.			
Specification Section Recommended Text: 1102.19, B, 2, Equal Employment Opportunity. Replace the Article: In hiring and employment practices, the absence of discrimination on the basis of race, religion, sex, sexual orientation, gender identity, color, national origin, age, disability, or other protected classification under Federal, state, or local law.			
1102.19, B, 8, Segregated Facilities. Replace the Article: Employee facilities that are separated on the basis of race, religion, color, national origin, age, sex, sexual orientation, gender identity, or disability either by explicit directive or by fact because of habit, local custom, or any other reason. Examples of such facilities include, but are not limited to, the following: waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, time clocks, locker rooms, storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities. The only An exception to this definition is the provision of special accommodations, such as handicapped parking spaces, to make the workplace more accessible for those who are disabled. Separate or single-user restrooms and necessary dressing or sleeping areas are also allowed to assure privacy between sexes.			
1102.19, C, 1, The EEO/AA Operating Statement. Replace the first sentence: It is the policy of this Company to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, sexual orientation,			

gender identity, color, national origin, age, or disability.

1102.19, F, Personnel Actions.

Replace the first sentence:

Wages, working conditions, employee benefits, and personnel actions of every type including hiring, upgrading, promotion, transfer, demotion, layoff, and termination shall be made without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability.

1102.20, Title VI Assurance.

Replace the title:

Title VI Assurances Required.

1107.06, C, Use of United States-Flag Vessels.

Delete the Article:

~~C. Use of United States-Flag Vessels.~~

~~In accordance with 46 CFR 381.7(b), on all Federal Aid contracts, the Contractor agrees:~~

- ~~1. To utilize privately owned United States-flag commercial vessels to ship at least 50% of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.~~
- ~~2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in [Article 1107.06, C, 1](#), to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.~~
- ~~3. To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract.~~

Comments: Do these changes need to be implemented prior to the next GS?

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

Reason for Revision: Requirements were part of the new FHWA-1273 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:



SPECIFICATION REVISION SUBMITTAL FORM

Submitted by: Nikita Rainey/Troy Jerman		Office: Civil Rights Bureau	Item 2
Submittal Date: May 23, 2022		Proposed Effective Date: April 2023	
Article No.: 1102.19, D, 1, d Title: Training and Promotion Plan (Equal Employment Opportunity and Affirmative Action Requirements)		Other:	
Specification Committee Action: Approved as recommended			
Deferred:	Not Approved:	Approved Date: 8/11/2022	Effective Date: October 18, 2022
Specification Committee Approved Text: See Specification Section Recommended Text			
Comments: Will be added to the bucket list for October and will be included in April 2023 GS			
Specification Section Recommended Text: 1102.19, D, 1, d. Replace the second and third sentences: The number of trainees will be determined by using the previous 3 year average of work actually performed by the Contractor including all prime and sub contract subcontract work with on projects let by the Department. The Contractor shall provide the following number of trainees while under contract with on projects let by the Department:			
Comments: Do these changes need to be implemented prior to the next GS?			
Member's Requested Change: (Do not use 'Track Changes', or 'Mark-Up'. Use Strikeout and Highlight.) Make the following change to Article 1102.19 Section D(1)(d): d. The number of trainees required shall be determined by the Contractor. The number of trainees will be determined by using the previous 3-year average of work actually performed by the Contractor including all prime and sub contract work with on projects let by the Department. The Contractor shall provide the following number of trainees while under contract with on projects let by the Department.			
Reason for Revision: To provide clarification and consistency with the intent of the on-the-job trainee requirement as established in Article 1102.19, A, 1.			
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:			



SPECIFICATION REVISION SUBMITTAL FORM

Submitted by: Wes Musgrove/Kevin Merryman		Office: Construction and Materials	Item 3
Submittal Date: July 25, 2022		Proposed Effective Date: GS April 2023 Proposal note when practical to do so.	
Article No.: 1108.02, E Title: Charging of Working Days		Other:	
Specification Committee Action: Approved as recommended			
Deferred:	Not Approved:	Approved Date: 8/11/2022	Effective Date: 10/18/2022
Specification Committee Approved Text: See Specification Section Recommended Text			
Comments: Will be added as a proposal note and will be added to April 2023 GS			
Specification Section Recommended Text: 1108.02, E, 4.			
Replace the Article: Working days will not be charged for Saturdays, Sundays, and recognized legal holidays the Contractor does not work. Working days will be charged for Saturdays, Sundays, and recognized legal holidays the Contractor does work. Work not requiring inspection may be performed on Saturdays with no time charged.			
Comments: Request to make this effective as soon as practical.			
Member's Requested Change: (Do not use 'Track Changes', or 'Mark-Up'. Use Strikeout and Highlight .) E. Charging of Working Days.			
4. Working days will not be charged for Saturdays, Sundays, and recognized legal holidays the Contractor does not work. Working days will be charged for Saturdays, Sundays, and recognized legal holidays the Contractor does work. Work not requiring inspection may be performed on Saturdays with no time charged.			
Reason for Revision: Industry made the request at a recent AGC Business Practices meeting to remove working day charges for Saturdays. Department management approved of this request. In reviewing the 2009 spec, there was previously an 1108.02, E, 5 passage that read "Working days will not be charged for Saturdays the contractor does work, unless a 6 day work week is specified in the contract documents". There is a question as to whether that needs to be brought back under updated language, as we now use the term "accelerated work schedule" as per article 1108.02, K.			
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 / Curtis Carter		Office: Construction & Materials	Item 4
Submittal Date: 07/25/22		Proposed Effective Date: April 2023	
Article No.: 2412.03, E Title: Curing Concrete Decks		Other:	
Specification Committee Action: Deferred to a future meeting.			
Deferred: X	Not Approved:	Approved Date:	Effective Date:
Specification Committee Approved Text:			
<p>Comments: This item has been deferred to the September Specification Meeting for additional text revisions to incorporate clarification language on when this can be used with respect to higher temperatures and clarification on the date ranges.</p> <p>The Bridges and Structures Bureau has concerns with eliminating the text in paragraph 5 related to “or with the Engineer’s approval”. Clarification will be made regarding what the Engineer has discretion of to allow or not allow under certain conditions.</p>			
Specification Section Recommended Text:			
2412.03, E, Curing Concrete Decks.			
Replace Articles 3 through 5:			
<ol style="list-style-type: none"> 3. Apply water to the burlap covering for a period of 4 calendar days for continuous concrete slab bridge decks and 7 calendar days for all other concrete bridge decks. Use a pressure sprinkling system that is effective in keeping the burlap wet during the moist curing period. The system may be interrupted only to replenish the water supply, during periods of natural moisture, or during construction contiguous to the concrete being cured. The Engineer may approve interruptions for periods longer than 4 hours on the basis of the method for keeping the concrete moist. Maintain the burlap covering in saturated condition for a period of 4 calendar days for continuous concrete slab bridge decks and 7 calendar days for all other concrete bridge decks. Maintain continuous contact between all parts of the concrete deck and the burlap during the moist curing period. 4. Maintain continuous contact, except as noted above, between all parts of the concrete deck and the burlap during the moist curing period. Use a pressurized sprinkling or soaking system that is effective in keeping the burlap saturated during the moist curing period. Operate the water application system continuously for the full duration of the moist curing period, except as permitted under Article 2412.03, E, 5. The system may be interrupted only during replenishment of the water supply, during periods of natural moisture, or during work contiguous to the concrete being cured. Interruptions for periods longer than 4 hours must be approved in advance by the Engineer. 5. On concrete decks placed after October 1 and prior to April 1, after 20 hours of the application of water, the Contractor may substitute the application of a moisture proof plastic film no less than 3.4 mils thick over the wet burlap in lieu of applying water or with the Engineer’s approval for concrete decks placed after April 1 and before October 1, continuous application of water may be suspended, subject to the following conditions:—Maintain intimate contact between the surface of the concrete, the burlap, and the plastic film. <ol style="list-style-type: none"> a. Subject the concrete bridge deck to a minimum 20 hours of continuous water application prior to suspension of continuous water application. b. Immediately upon suspension of water application, apply impermeable covering consisting of moisture proof plastic film or approved equivalent, over the saturated burlap. Minimum 			

thickness of the impermeable covering shall be 3.4 mils. Place the impermeable covering in direct contact with the burlap, provide complete and continuous coverage with sufficient overlap at the seams, and weigh down or secure the impermeable covering to prevent displacement.

- c. Monitor and log the condition of the impermeable covering and the saturation of the burlap at intervals preapproved by the Engineer.
- d. For concrete decks placed after April 1 and prior to October 1, install a water application system consisting of soaker hoses or other approved means between the burlap and the impermeable covering. The system must be capable of supplying sufficient water to saturate the burlap over all areas of the bridge placement. Plumb the water application system to operate without removal of the impermeable covering. Application of the impermeable covering will not be permitted until the functionality of the water application system is demonstrated to the Engineer's satisfaction. Operate the water application system intermittently as needed to maintain saturation of the burlap.

Comments:

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

E. Curing Concrete Decks.

Use burlap that is prewetted by fully saturating, stockpiling to drain, and covering with plastic to maintain wetness prior to placement.

1. Place the first layer of prewetted burlap in the following manner:
 - a. **Interstate and Primary Projects.**
Place on the concrete within 10 minutes after final finishing.
 - b. **Other Projects.**
Immediately after final finishing and grooving, cover the area finished with white pigmented curing compound meeting requirements of [Article 4105.05](#) applied at a maximum rate of 135 square feet per gallon. Place the first layer of prewetted burlap on the concrete within 30 minutes after the concrete has been finished and grooved. Burlap placement beyond 30 minutes may be allowed, up to an additional 30 minutes, if approved by the Engineer based upon environmental conditions at time of deck placement.
2. As soon as practical, but no later than 2 hours after placing the first layer, place a second layer of prewetted burlap on the deck.
3. Maintain the burlap covering in saturated condition for a period of 4 calendar days for continuous concrete slab bridge decks and 7 calendar days for all other concrete bridge decks. Maintain continuous contact between all parts of the concrete deck and the burlap during the moist curing period. ~~Apply water to the burlap covering for a period of 4 calendar days for continuous concrete slab bridge decks and 7 calendar days for all other concrete bridge decks. Use a pressure sprinkling system that is effective in keeping the burlap wet during the moist curing period. The system may be interrupted only to replenish the water supply, during periods of natural moisture, or during construction contiguous to the concrete being cured. The Engineer may approve interruptions for periods longer than 4 hours on the basis of the method for keeping the concrete moist.~~
4. Use a pressurized sprinkling or soaking system that is effective in keeping the burlap saturated during the moist curing period. Operate the water application system continuously for the full duration of the moist curing period, except as permitted under Article 2412.03, E, 5. The system may be interrupted only during replenishment of the water supply, during periods of natural moisture, or during work contiguous to the concrete being cured. Interruptions for periods longer than 4 hours must be approved in advance by the Engineer. ~~Maintain continuous contact, except as noted above, between all parts of the concrete deck and the burlap during the moist curing period.~~
5. On concrete decks placed after October 1 and prior to April 1, or with the Engineer's approval for concrete decks placed after April 1 and before October 1, the Contractor may suspend continuous application of water, subject to the following conditions: ~~after 20 hours of the application of water, the Contractor may substitute the application of a moisture proof plastic film no less than 3.4 mils thick over the wet burlap in lieu of applying water. Maintain intimate contact between the surface of the concrete, the burlap, and the plastic film.~~

- a. Subject the concrete bridge deck to a minimum 20 hours of continuous water application prior to suspension of continuous water application.
- b. Immediately upon suspension of water application, apply impermeable covering consisting of moisture proof plastic film or approved equivalent, over the saturated burlap. Minimum thickness of the impermeable covering shall be 3.4 mils. Place the impermeable covering in direct contact with the burlap, provide complete and continuous coverage with sufficient overlap at the seams, and weigh down or secure the impermeable covering to prevent displacement.
- c. Monitor and log the condition of the impermeable covering and the saturation of the burlap at intervals preapproved by the Engineer.
- d. For concrete decks placed after April 1 and prior to October 1, install a water application system consisting of soaker hoses or other approved means between the burlap and the impermeable covering. The system must be capable of supplying sufficient water to saturate the burlap over all areas of the bridge placement. Plumb the water application system to operate without removal of the impermeable covering. Application of the impermeable covering will not be permitted until the functionality of the water application system is demonstrated to the Engineer's satisfaction. Operate the water application system intermittently as needed to maintain saturation of the burlap.

Reason for Revision: Adding an additional option for deck curing (impermeable covering) for bridge decks cast between April 1 and October 1. This option has historically been allowed for bridge decks cast in winter months, and this proposed revision would allow this practice year-round when certain conditions are met. The proposed requirements for use of this method in the summer months are more stringent than the current requirements for use of this method in the winter months, due to increased risk of bridge deck curing issues in the summer months (higher evaporation rate). When implemented properly, there can be several advantages to allowing this deck curing method in the summer months, including improved safety for bridge decks spanning traffic (less cure water falling into traffic), and improved construction economy/efficiency. This additional deck curing option was requested by Iowa AGC and was agreed as a viable option during an April, 2022 meeting between DOT and Iowa AGC, and at a May, 2022 DOT DCE meeting. Additional minor text edits are also proposed.

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: Dan Graves - On agenda item 4 please consider revising the language of paragraph 5. The words "or with the Engineer's approval" should be eliminated. Leaving the decision on using plastic on deck pours between April 1 and October 1 to the engineer opens the door to wide variations in what the contractor can do depending on the county or district or the individual whim of a given engineer. The result is that contractors won't know how to bid the cost of deck curing. This can be a fairly significant expense especially for a seven day cure period.

Form 510130 (08-15)



SPECIFICATION REVISION SUBMITTAL FORM

Submitted by: Eric Johnsen / Scott Sommers		Office: Specifications / Construction & Materials	Item 5																									
Submittal Date: 7/25/2022		Proposed Effective Date: April 2023																										
Article No.: 2527.03, A, 2 Title: Construction (Pavement Marking) Article No.: 4183.03, B, 1, b Title: Resin Solids (Fast Dry Waterborne Traffic Paints)		Other:																										
Specification Committee Action: Approved as recommended																												
Deferred:	Not Approved:	Approved Date: 8/11/2022	Effective Date: April 2023																									
Specification Committee Approved Text: See Specification Section Recommended Text																												
Comments: None																												
Specification Section Recommended Text: 2527.03, A, 2. Replace Table 2527.03-1: <table border="1" style="margin-left: 40px;"> <thead> <tr> <th colspan="5" style="text-align: center;">Table 2527.03-1: Minimum Atmospheric and Surface Temperatures</th> </tr> <tr> <th style="text-align: center;">Type of Marking</th> <th style="text-align: center;">Oct. 23 to Apr. 7</th> <th style="text-align: center;">Apr. 8 to Apr. 22</th> <th style="text-align: center;">Apr. 23 to Oct. 7</th> <th style="text-align: center;">Oct. 8 to Oct. 22</th> </tr> </thead> <tbody> <tr> <td>Waterborne Paint</td> <td style="text-align: center;">not allowed</td> <td style="text-align: center;">45°F</td> <td style="text-align: center;">45°F</td> <td style="text-align: center;">45°F</td> </tr> <tr> <td>Low Temperature Waterborne Paint with Rohm & Haas XSR Resin (Per Materials I.M. 483.03)</td> <td style="text-align: center;">35°F</td> <td style="text-align: center;">35°F</td> <td style="text-align: center;">35°F</td> <td style="text-align: center;">35°F</td> </tr> <tr> <td>Solvent Based Paint</td> <td style="text-align: center;">no restrictions</td> <td style="text-align: center;">no restrictions</td> <td style="text-align: center;">(a)</td> <td style="text-align: center;">no restrictions</td> </tr> </tbody> </table> <p>(a) Solvent-based paint may be used only if temperature requirements cannot be met.</p>				Table 2527.03-1: Minimum Atmospheric and Surface Temperatures					Type of Marking	Oct. 23 to Apr. 7	Apr. 8 to Apr. 22	Apr. 23 to Oct. 7	Oct. 8 to Oct. 22	Waterborne Paint	not allowed	45°F	45°F	45°F	Low Temperature Waterborne Paint with Rohm & Haas XSR Resin (Per Materials I.M. 483.03)	35°F	35°F	35°F	35°F	Solvent Based Paint	no restrictions	no restrictions	(a)	no restrictions
Table 2527.03-1: Minimum Atmospheric and Surface Temperatures																												
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Solvent Based Paint	no restrictions	no restrictions	(a)	no restrictions																								
4183.03, B, 1, b, Resin Solids. Replace the Article: Composed of 100% acrylic emulsion polymer (per Materials I.M. 483.03) or approved equal that allow finished paint products to meet all other areas of the specifications.																												
Comments:																												

Member's Requested Change: (Do not use 'Track Changes', or 'Mark-Up'. Use Strikeout and Highlight.)		
Reason for Revision: The manufacturer for the resin has changed. We will remove the proprietary product information from the Standard Specifications, as it is included in the Materials I.M. that we will reference.		
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/Elijah Gansen		Office: Construction and Materials	Item 6
Submittal Date: July 25, 2022		Proposed Effective Date: April 2023	
Article No.: 2531.03, D Title: Pavement Surface Repair (Milling) Article No.: 2532.03, D Title: Pavement Surface Repair (Diamond Grinding)		Other:	
Specification Committee Action: Approved as recommended			
Deferred:	Not Approved:	Approved Date: 8/11/2022	Effective Date: April 2023
Specification Committee Approved Text: See Specification Section Recommended Text			
Comments: None			
Specification Section Recommended Text: 2531.03, D, 4, e. Replace the Article: Installation of Retrofit load transfer, and 2532.03, D, 2, c, 4. Replace the Article: Installation of r Retrofit load transfer,			
Comments: The Construction and Materials Bureau pointed out that this change should be made to Section 2531 as well.			
Member's Requested Change: (Do not use 'Track Changes', or 'Mark-Up'. Use Strikeout and Highlight.) D. Limitations. 2. PCC Pavements. c. When the following work is included in the contract, sequence the operations in the following order: 4) Installation of r Retrofit load transfer,			
Reason for Revision: There have been issues where there has been significant time lapse between the preparation of the pavement for the load transfer devices and the installation of the load transfer devices. Removal of "Installation of" will be more direct in the guidance of the work needed. The change would also make the wording more consistent with operations 1-3 and 5-6.			
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: Eric Johnsen		Office: Specifications	Item 7
Submittal Date: 7/5/2022		Proposed Effective Date: April 2023	
Article No.: 4149.04, A, 1 Title: Precast (Sanitary and Storm Sewer Structures)		Other:	
Specification Committee Action: Approved as recommended			
Deferred:	Not Approved:	Approved Date: 8/11/2022	Effective Date: April 2023
Specification Committee Approved Text: See Specification Section Recommended Text			
Comments: do we need to reference circular and rectangular to clarify – Eric will look into			
Specification Section Recommended Text: 4149.04, A, 1. Replace the Article: Precast: Comply with Section 2419 and ASTM C 478 or ASTM C 913.			
Comments:			
Member's Requested Change: (Do not use 'Track Changes', or 'Mark-Up'. Use Strikeout and Highlight.)			
Reason for Revision: The existing ASTM section referenced (C 478) is for circular manholes and structures only.			
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: Suggested revision to SUDAS by a precast company.			