

SIGNIFICANT CHANGES IN CDOT's 2023 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

The following are significant changes from the 2022 Standard Specifications Book to the new 2023 Standard Specifications Book. Most of the changes were previously adopted by CDOT's Specification Committee as standard special provisions and have been applicable to projects put under construction since their adoption.

The following general changes have been made:

As part of CDOT's ADA efforts, the Standard Specifications are compliant with the Web Content Accessibility Guidelines (WCAG):

[The Americans with Disabilities Act \(ADA\)](#), a law separate from Section 508, is a civil rights statute prohibiting discrimination against individuals with disabilities in all areas of public life.

Accessibility is the ability of all persons to independently obtain information and use products, services and facilities.

[Section 508 of the Rehabilitation Act of 1973 \(Section 508\)](#) is a federal law that requires Federal agencies to make their information and communication technology (ICT) accessible to people with disabilities in accordance with standards issued by the U.S. Access Board. As an agent of the FHWA, CDOT will comply with these standards. The Web Content Accessibility Guidelines (WCAG) are part of a series of [web accessibility](#) guidelines published by the [Web Accessibility Initiative \(WAI\)](#) of the [World Wide Web Consortium \(W3C\)](#), the main international standards organization for the Internet. They are a set of recommendations for making Web content more accessible, primarily for people with [disabilities](#).

- History: WCAG 1.0 May 1999, superseded by WCAG 2.0 Dec 2008, WCAG 2.1 June 2018, WCAG 2.2 in progress.
- In January 2017, the [US Access Board](#) approved a final rule to update [Section 508 of the Rehabilitation Act of 1973](#). The new rule adopts seventeen WCAG 2.0 success criteria, but 22 of the 38 existing A-level and AA-level criteria were already covered by existing Section 508 guidelines.

The following items have been revised:

- o Font Style, size and color - Minimum font size = 12 pt, Trebuchet MS, Black (No use of red text).
- o Document title is set in Properties.
- o A heading structure has been added to the document.
- o Alternative Text is present and makes sense.
- o Hyperlink text is meaningful.
- o A logical reading order is assured.
- o All "data tables" have a simple construction.
- o Table header rows have been identified.
- o Color is used appropriately.
 - o Contrast meets the standard.
 - o Not used alone to convey meaning.

The following Sections of the Specification Book contain significant revisions:

Significant Changes to the 2023 Standard Specifications

Specification Sections with Significant Changes	What was Changed (by Subsection Number)
101 <i>Abbreviations</i>	Added: 101.01 NAAPT - National Association for Proficiency Testing
	101.02 Added/revise the definition of: <ul style="list-style-type: none"> • Construction Material • Domestic Content Procurement Preference • Infrastructure • Safety Critical Work (revised one bullet point) • SafetyEdgeSM for Pavement
105 <i>Control of Work</i>	105.02 Status of Returned Shop Drawings and Meanings table - instead of "resubmittal" revised to "additional review"
	105.03 Revised Table 105-5
	105.10 Project First Program section revised
	105.20 revised, "In-kind repairs" and "Modified Repairs"
	105.24 Remove all instances of "Arbitration", remove the American Arbitration Association Construction Industry Arbitration Rules - Procedures (15 pages). Revised Figure 105-1 to remove all references to Arbitration
106 <i>Control of Material</i>	106.11 Revised the Buy America Requirements to most current FHWA standards.
	106.12 Revised the Certificates of Compliance Requirements subsection.
	106.13 Revised Certified Test Report subsection.
107 <i>Legal Relations and Responsibility to Public</i>	107.02 Added "applicable" to taxes
	107.07 (13) Added to caisson note
108 <i>Prosecution and Progress</i>	108.09 Updated Table 108-2, Liquidated Damages, to current calculations.

Specification Sections with Significant Changes	What was Changed (by Subsection Number)
109 <i>Measurement and Payment</i>	109.06 (b) <i>Securities In Lieu of Standard Amount Retained</i> - increased the contract amount from \$80,000 to \$150,000
	109.06 (e) <i>Prompt Payment Revised</i> , (f) <i>Retainage by Contractor #5, 8, and 9</i> , (g) <i>Good Cause Exception</i> and (h) <i>Monthly Reporting</i> Removed and replaced.
213 <i>Mulching</i>	213.02 (c) <i>Mucilage</i> removed from Table 213-2; (f) 1. <i>Spray-on Mulch Blanket (Ty 1)</i> revised; Table 213-4 revised with <i>Mulch Tackifier</i> ; (f) 2. <i>Spray-on Mulch Blanket (Ty 2)</i> revised, remove "sterilized weed-free". 213.03 (c) <i>Mulch Tackifier</i> - "Mulch" added
214 <i>Planting</i>	Removed and replaced entire section.
503 <i>Drilled Shafts</i>	503.02 (b) 10 Added last 2 sentences.
518 <i>Waterstops and Expansion Joints</i>	518.05 <i>Modular Expansion Devices</i> Remove and replace (a)
601 <i>Structural Concrete</i>	Subsection 601.02 Add Concrete Class DF and remove Concrete Class G Table 601-1 Add Concrete Class DF and remove Concrete Class G
612 <i>Delineators and Reflectors</i>	612.02 (a) <i>Delineators</i> - Delete everything following the Flexible Posts paragraph, Remove and replace (b) <i>Reflectors</i>
614 <i>Traffic Control Devices</i>	614.10 (h) <i>Painting</i> - All Steel poles shall be galvanized (changes from "painted aluminum")
627 <i>Pavement Marking</i>	627.04 Revised Table 627-1, to add High Build column
630 <i>Construction Zone Traffic Control</i>	630.11 <i>Traffic Control Management</i> - Removed and replaced entire subsection.
	630.14 <i>Flagging and Pilot Car Operation</i> - Removed and replaced entire section.
	630.18 <i>Method of Measurement</i> - Removed and replaced entire details section after third paragraph.
713 <i>Traffic Control Materials</i>	713.06 <i>Flexible Delineators</i> - Removed and replaced entire section.

Following is a list of standard special provisions incorporated into the 2023 Standard Specifications:

STANDARD SPECIAL PROVISIONS

incorporated into the 2023 Standard Specifications for Road and Bridge Construction

- Revision of Section 101 and 106 - Buy America Requirements
- Revision of Section 105 - Project First Program
- Revision of Section 106 - COC and CTR Requirements
- Revision of Section 107 - Applicable
- Revision of Sections 107 and 503 - Safety Critical Work and 503 Submittals
- Revision of Section 108 - Liquidated Damages
- Revision of Section 109 - Measurement and Payment
- Revision of Section 213 - Mulching
- Revision of Section 214 - Nursery Stock Containers and Unrooted Cuttings
- Revision of Section 518 - Modular Joint Testing
- Revision of Section 601 - Class DF Concrete.
- Revision of Sections 601 - Sulfate Mitigation
- Revision of Section 612 and 713 - Delineators and Reflectors
- Revision of Section 627 - Minimum and Maximum Ranges for Paint
- Revision of Section 630 - Traffic Control Management, TCS Trainee