

DATE: July 24, 2025
TO: Bridge Manual Users
FROM: DTSD – Bureau of Structures
SUBJECT: **July 2025 Bridge Manual Update**

The Bridge Manual revisions to text and standards are now complete and posted online for this six-month cycle. Please see the attached sheets for a list, with brief explanation, of the Text, Standards, Inserts and Blocks that were revised.

Of particular interest in this edition:

- **Chapter 5** – Added 2024 bridge cost data.
- **Chapter 6** – Added Section 6.3.3.8.3 False Decking. In some cases, false decking systems are required and language in the form of stp-502-015 should be included in the contract (available in the next ASP-6).
- **Chapter 24** – Added Section 24.14.1 Redundancy in Floor Systems and Section 24.14.2 Simplified System Redundancy Analysis.
- **Chapter 36** – Updated Standards for precast box culverts and referencing new SPV "Precast Concrete Wingwalls (Structure)" and "Precast concrete Box Culvert, (Span Size) FT X (Rise Size) FT". The existing Standardized Special Provisions (STSP) for precast box culverts and wingwalls will be removed at a later date.
- **New Standard 30.41 – Vertical Face Parapet ‘A’ With Raised Sidewalk:**
Added a modified Vertical Face Parapet ‘A’ (Standard 30.07) to accommodate a raised sidewalk. This is an alternative to the detail provided on Standard 17.01 with no overhang and applicable for raised sidewalks on structural approach slabs as shown on Standard 12.11.

Additional Notes:

- The 2026 Standard Specifications (Standard Spec) will not be published this year. Modifications to the Standard Spec will be incorporated with next Additional Special Provision 6 (ASP-6).
- Civil 3D Structure Blocks were updated 5/14/2025. For additional information, refer to C3DKB and the **New** [July 2025 Block Details Update Summary](#).

Most other changes are fairly minor. Please use the example calculations with care (follow along in AASHTO).

A vertical black bar in the left margin notes all text changes.

The user’s feedback regarding the Bridge Manual is important to us as that is where we get many ideas for corrections, clarification and new ideas for enhancement.

July 2025 Bridge Manual Text Update Summary

<u>Chapter</u>	<u>Page Number(s)</u>	<u>Change</u>
2	3	Updated Figure 2.1-2 "Regional Structures Inspection & Maintenance Unit A - Greg Haig" and "Regional Structures Inspection & Maintenance Unit B - Scott Reay"
	13-15	Provided additional guidance for assigning structure numbers
	16	Added Figure 2.5-2 Structure Numbers for Closed and Open Medians
	25,29,32	Minor format changes
5	6-9	Added 2024 Cost Data. Removed 2019 Cost Data
6	22	Added "structural approach slab" as a separate column for the Estimated Quantities table.
	29	Updated paving notch guidance
	33-34	Added 6.3.3.8.3 False Decking reference.
	35-36	Added Section 6.3.3.8.3 False Decking
9	14	Clarified grooved pavement markings OK for PPC overlays, but prohibited for "Polymer Overlay" and "HFST Polymer Overlay".
	14	Replaced Standard Spec 646 with TEOpS manual reference
14	8,70,74,122	Updated contacts for Geotechnical Engineering Unit and BOS.
	48	Removed paragraph break
	74-75	Clarified minimum wall radius for small blocks and large blocks.
	99	Removed "These walls can be formed to a tight radius of curvature of 50 ft or greater"
	125	Updated retaining wall plan requirements. This includes showing the wall elevation view from the front face perspective.
	132	Removed duplicate reference (FHWA-NHI-10-024)
	132	Added reference - Design and Construction of Mechanically Stabilized Earth (MSE) Walls (FHWA-NHI-24-002)
17	42	Clarified preferred span length and skew increments
	58	Updated contact to "Bureau of Structures Design Section Chief"
	70	Added overhang deck guidance for new raised sidewalk Std. 30.41
	74	Updated contact to "Bureau of Structures Development Section Chief or Design Section Chief"
	74	Added alternative protective systems are being evaluated. This includes chromium bars, textured epoxy coated bars, GFRP bars, and galvanized bars. Contact to "Bureau of Structures Development Section Chief"
18	21	Added note for maximum allowable camber exception for buried structures with BOS coordination.
	26	Updated Text for Fatigue Evaluation to include the Concrete Density Modification Factor (λ) as shown in LRFD [5.4.2.8]
18E-1	3	Updated Text to show Example was updated to new LRFD Spec. (10th Edition)

18E-1	15, 34	Updated Text for Fatigue Evaluation to include the Concrete Density Modification Factor (λ) as shown in LRFD [5.4.2.8]
24	36-37	Replaced the term fracture critical member (FCM) with load path redundant members (LPRMs) and non-redundant steel tension members (NSTMs)
	91-94	Added Section 24.14.1 Redundancy in Floor Systems and 24.14.2 Simplified System Redundancy Analysis
28	16	Added Section 28.7 Joint Armoring for guidance on the use of protection angles shown in Standard 28.01.

July 2025 Standard Details Update Summary

Chapter 4

- Std 4.01 ■ No revisions.
- Std 4.02 ■ No revisions.
- Std 4.03 ■ No revisions.
- Std 4.04 ■ No revisions.
- Std 4.05 ■ No revisions.

Chapter 7

- Std 7.01 ■ No revisions.
- Std 7.02 ■ No revisions.
- Std 7.03 ■ No revisions.
- Std 7.04 ■ No revisions.
- Std 7.05 ■ No revisions.
- Std 7.06 ■ No revisions.
- Std 7.07 ■ No revisions.

Chapter 9

- Std 9.01 ■ No revisions.
- Std 9.02 ■ No revisions.
- Std 9.03 ■ No revisions.

Chapter 11

- Std 11.01 ■ Added two new details for pile points (CIP Piling and H-Piling)
- Added designer note for pile point usage.
- Corrected detail title for "End Plate Detail for CIP Piling"

Chapter 12

- Std 12.01 ■ No revisions.
- Std 12.02 ■ No revisions.
- Std 12.03 ■ No revisions.
- Std 12.04 ■ No revisions.
- Std 12.07 ■ No revisions.
- Std 12.08 ■ No revisions.
- Std 12.09 ■ No revisions.
- Std 12.10 ■ No revisions.
- Std 12.11 ■ Updated Section C-C with raised sidewalk. See STD. 30.41 for details.
- Std 12.12 ■ No revisions.
- Std 12.13 ■ No revisions.

Chapter 13

- Std 13.01 ■ No revisions.
- Std 13.02 ■ No revisions.
- Std 13.03 ■ No revisions.
- Std 13.04 ■ No revisions.
- Std 13.05 ■ No revisions.
- Std 13.06 ■ No revisions.
- Std 13.07 ■ No revisions.
- Std 13.08 ■ No revisions.
- Std 13.09 ■ No revisions.
- Std 13.10 ■ No revisions.

Std 13.11 ■ No revisions.

Chapter 14

Std 14.02 ■ Corrected spelling for "Detail" in block title
Std 14.03 ■ No revisions.
Std 14.04 ■ No revisions.
Std 14.05 ■ No revisions.
Std 14.06 ■ No revisions.
Std 14.11 ■ No revisions.
Std 14.12 ■ No revisions.
Std 14.13 ■ No revisions.
Std 14.14 ■ No revisions.

Chapter 15

Std 15.01 ■ No revisions.
Std 15.02 ■ No revisions.
Std 15.03 ■ No revisions.

Chapter 17

Std 17.01 ■ Added Designer Note "See STD. 30.41 for alternative raised sidewalk details"
Std 17.02 ■ Fixed dimension label for 5" V-groove dimension for "Cross section thru edge of deck" detail.
Std 17.03 ■ No revisions.

Chapter 18

Std 18.01 ■ Clarified paving notch usage.
Std 18.02 ■ Clarified paving notch usage.
Std 18.03 ■ No revisions.

Chapter 19

Std 19.01 ■ No revisions.
Std 19.02 ■ No revisions.
Std 19.03 ■ No revisions.
Std 19.04 ■ No revisions.
Std 19.11 ■ No revisions.
Std 19.12 ■ No revisions.
Std 19.13 ■ No revisions.
Std 19.14 ■ No revisions.
Std 19.15 ■ No revisions.
Std 19.16 ■ No revisions.
Std 19.17 ■ No revisions.
Std 19.18 ■ No revisions.
Std 19.19 ■ No revisions.
Std 19.20 ■ No revisions.
Std 19.31 ■ No revisions.
Std 19.32 ■ No revisions.
Std 19.33 ■ Clarified paving notch usage.
Std 19.34 ■ Changed note from "less than" to "less than or equal to" 20 degrees. This matches Std. 19.33 and Std. 19.35 guidance.
■ Clarified paving notch usage.
Std 19.35 ■ Clarified paving notch usage.
Std 19.36 ■ No revisions.

- Std 19.37 ■ No revisions.
- Std 19.38 ■ Changed "TWO 3 1/2" SQUARE... WASHERS" to "A 3 1/2"... WASHER ON SLOTTED SIDE" within "DETAIL B"
- Std 19.50 ■ No revisions.
- Std 19.51 ■ No revisions.
- Std 19.52 ■ No revisions.
- Std 19.53 ■ No revisions.
- Std 19.54 ■ No revisions.
- Std 19.55 ■ No revisions.
- Std 19.56 ■ No revisions.

Chapter 23

- Std 23.01 ■ No revisions.
- Std 23.02 ■ No revisions.
- Std 23.03 ■ No revisions.

Chapter 24

- Std 24.02 ■ No revisions.
- Std 24.03 ■ No revisions.
- Std 24.04 ■ No revisions.
- Std 24.06 ■ No revisions.
- Std 24.08 ■ No revisions.
- Std 24.09 ■ No revisions.
- Std 24.10 ■ No revisions.
- Std 24.11 ■ No revisions.
- Std 24.12 ■ No revisions.

Chapter 27

- Std 27.02 ■ No revisions.
- Std 27.05 ■ Clarified paving notch usage.
- Std 27.06 ■ No revisions.
- Std 27.07 ■ No revisions.
- Std 27.08 ■ Updated anchor bolt length under "Anchor Bolt Notes" for 100'-0" to 150'-0" span lengths from 1'-0" to 1'-10".
- Std 27.09 ■ No revisions.
- Std 27.10 ■ No revisions.

Chapter 28

- Std 28.01 ■ Added Designer Note for Protection Angle usage. See BM 28.7 for more info.
- Std 28.02 ■ No revisions.
- Std 28.03 ■ No revisions.
- Std 28.04 ■ No revisions.
- Std 28.05 ■ No revisions.
- Std 28.06 ■ No revisions.
- Std 28.07 ■ No revisions.
- Std 28.08 ■ No revisions.

Chapter 29

- Std 29.01 ■ No revisions.
- Std 29.02 ■ No revisions.
- Std 29.03 ■ Added Designer Note: "A DECK X-SLOPE OF 2% PROVIDES AN INTERNAL SLOPE OF 8% (AS SHOWN IN THIS DETAIL) AND A PLUMB DOWNSPOUT"

COUPLER CONNECTION. DECK X-SLOPE MAY BE ADJUSTED UP TO 6% TO MAINTAIN AN INTERNAL SLOPE OF 2%."

Chapter 30

- Std 30.02 ■ No revisions.
- Std 30.04 ■ No revisions.
- Std 30.05 ■ No revisions.
- Std 30.07 ■ No revisions.
- Std 30.08 ■ No revisions.
- Std 30.09 ■ No revisions.
- Std 30.10 ■ No revisions.
- Std 30.11 ■ No revisions.
- Std 30.12 ■ No revisions.
- Std 30.14 ■ No revisions.
- Std 30.15 ■ No revisions.
- Std 30.16 ■ No revisions.
- Std 30.17 ■ No revisions.
- Std 30.18 ■ Added note for No.1 thru No. 4 "See Std. 30.40 for pedestrian railing details."
- Std 30.19 ■ No revisions.
- Std 30.20 ■ Updated ppt. height dimension snap & 1'-2" dim. snap on "Section Thru Parapet On Bridge" detail (to match 'Section A')
- Std 30.21 ■ No revisions.
- Std 30.22 ■ No revisions.
- Std 30.24 ■ No revisions.
- Std 30.25 ■ No revisions.
- Std 30.26 ■ No revisions.
- Std 30.27 ■ No revisions.
- Std 30.28 ■ No revisions.
- Std 30.29 ■ No revisions.
- Std 30.30 ■ No revisions.
- Std 30.31 ■ No revisions.
- Std 30.32 ■ No revisions.
- Std 30.33 ■ Added V-groove with note and 5" dimension to "Section thru parapet on bridge".
 - Added 3/4" Bevels at top of ppt.
- Std 30.34 ■ No revisions.
- Std 30.35 ■ No revisions.
- Std 30.36 ■ No revisions.
- Std 30.37 ■ Added 3/4" Bevels at top of ppt
- Std 30.40 ■ Clarified slotted holes for CIP anchors are placed parallel to the C/L railing.
 - Corrected "deck mounted" keyed note regarding X-slope to the "Designer Notes"
- NEW** Std 30.41 ■ Vertical Face Parapet 'A' With Raised Sidewalk

Chapter 36

- Std 36.01 ■ No revisions.
- Std 36.02 ■ Updated "Notes" and "Designer Notes" for precast usage
 - Added SPV: "Precast Concrete Wingwalls (Structure)"
 - Added SPV: "Precast concrete Box Culvert, (Span Size) FT X (Rise Size) FT"
 - Replaced "Section C6" cut off wall detail with "Cutoff Walls" details for outlet and inlet conditions.
- Std 36.03 ■ No revisions.
- Std 36.04 ■ No revisions.
- Std 36.05 ■ Updated "Notes" and "Designer Notes" for precast usage

- Std 36.06 ■ Replaced As9 steel requirement with minimum wall thickness Tw.
- Updated "Notes" and "Designer Notes" for precast usage
- Std 36.07 ■ No revisions.
- Std 36.08 ■ No revisions.
- Std 36.10 ■ No revisions.
- Std 36.11 ■ No revisions.
- Std 36.12 ■ No revisions.
- Std 36.13 ■ No revisions.
- Std 36.14 ■ No revisions.
- Std 36.15 ■ No revisions.
- Std 36.16 ■ No revisions.

Chapter 37

- Std 37.01 ■ No revisions.
- Std 37.02 ■ No revisions.

Chapter 38

- Std 38.01 ■ No revisions.

Chapter 39

- Std 39.01 ■ No revisions.
- Std 39.02 ■ No revisions.
- Std 39.03 ■ No revisions.
- Std 39.04 ■ No revisions.
- Std 39.11 ■ No revisions.
- Std 39.12 ■ No revisions.
- Std 39.13 ■ No revisions.
- Std 39.14 ■ No revisions.
- Std 39.21 ■ Added note: 5.563" X 0.375" MAY BE SUBSTITUTED FOR 5.000" X 0.375"
- Std 39.22 ■ No revisions.
- Std 39.23 ■ No revisions.
- Std 39.24 ■ No revisions.
- Std 39.25 ■ No revisions.
- Std 39.26 ■ No revisions.
- Std 39.27 ■ No revisions.
- Std 39.31 ■ No revisions.
- Std 39.32 ■ No revisions.
- Std 39.33 ■ No revisions.
- Std 39.34 ■ No revisions.
- Std 39.35 ■ No revisions.
- Std 39.36 ■ No revisions.
- Std 39.37 ■ No revisions.
- Std 39.38 ■ No revisions.

Chapter 40

- Std 40.01 ■ No revisions.
- Std 40.02 ■ No revisions.
- Std 40.03 ■ No revisions.
- Std 40.04 ■ No revisions.
- Std 40.05 ■ No revisions.
- Std 40.06 ■ No revisions.
- Std 40.07 ■ No revisions.

Std 40.08	■ No revisions.
Std 40.09	■ No revisions.
Std 40.10	■ No revisions.
Std 40.11	■ No revisions.
Std 40.12	■ No revisions.
Std 40.13	■ No revisions.
Std 40.14	■ No revisions.
Std 40.15	■ No revisions.
Std 40.16	■ No revisions.
Std 40.17	■ No revisions.
Std 40.18	■ No revisions.
Std 40.19	■ No revisions.
Std 40.20	■ No revisions.
Std 40.21	■ No revisions.
Std 40.22	■ No revisions.
Std 40.23	■ No revisions.
Std 40.24	■ No revisions.
Std 40.25	■ No revisions.
Std 40.26	■ No revisions.
Std 40.27	■ No revisions.
Std 40.28	■ No revisions.
Std 40.31	■ No revisions.
Std 40.32	■ No revisions.
Std 40.33	■ No revisions.
Std 40.34	■ No revisions.
Std 40.40	■ No revisions.
Std 40.41	■ No revisions.
Std 40.42	■ No revisions.

July 2025 Insert Sheet Update Summary

Chapter 19 - Prestressed Concrete

g36W.dwg	Corrected where stirrup dimension snapped. Added "=" to girder radius callouts.
g45W.dwg	Corrected where stirrup dimension snapped. Added "=" to girder radius callouts.
g54W.dwg	Added "=" to girder radius callouts.
g72W.dwg	Added "=" to girder radius callouts.
gstdia36W.dwg	Changed "TWO 3 1/2" SQUARE... WASHERS" to "A 3 1/2"... WASHER ON SLOTTED SIDE" within "DETAIL B"

July 2025 Block Details Update Summary

Updated: 2025-05-14

<https://c3dkb.dot.wi.gov/>

Templates

Start-Up Template

- LAYOUT & GEO (decimal-ft) ■ No revisions.
- DETAILS (architectural-in) ■ No revisions.

Sheet Layouts - BOS

- SHEET 1 ■ No revisions.
- SHEET 2 ■ No revisions.
- SHEET 4 (GEOTECH) ■ No revisions.

Sheet Layouts - Consultant

- SHEET 1 ■ No revisions.
- SHEET 2 ■ No revisions.
- SHEET 4 (GEOTECH) ■ No revisions.

Custom Tools

- Purge Non-Structures Styles ■ No revisions.
- Import Structures Layers ■ No revisions.
- Fix Annotation Scales ■ No revisions.
- Convert DGN Drawing ■ No revisions.
- Check Drawing Type ■ No revisions.
- Paste Table ■ No revisions.

Anno

Quick Annotations

- Dimension ■ No revisions.
- Decimal Dimension ■ No revisions.
- General Text ■ No revisions.
- Subtitle Text ■ No revisions.
- Title Text ■ No revisions.
- Multileader ■ No revisions.

Tables

- Table Template ■ No revisions.
- Paste Table ■ No revisions.

Standard Notes

- Keynote Multileader ■ No revisions.
- Note Callout ■ No revisions.
- Standard Bubble Notes ■ No revisions.

Symbols

- Symbols ■ No revisions.
- Numbered Symbols ■ No revisions.
- Revision Symbols ■ No revisions.
- Swirl ■ No revisions.
- Breakline ■ No revisions.
- Masked Arrow ■ No revisions.
- Section Mark ■ No revisions.
- Station Mark ■ No revisions.
- Weld Symbol ■ No revisions.
- Caution Symbol ■ No revisions.

Gen Plans

Sheet Layout

Design Data

■ Added "Pre-Boring" notes

Design Contacts

■ No revisions.

Sheet List

■ No revisions.

Plan

North Arrow

■ No revisions.

Waterway Flow

■ No revisions.

Lane Arrows

■ No revisions.

Wing Note

■ No revisions.

Station Mark

■ No revisions.

Riprap

■ No revisions.

Bench Mark

■ No revisions.

Elevation

Cross Slope

■ No revisions.

Waterline Symbol

■ No revisions.

Fill Detail at Wings

■ No revisions.

Riprap Toe Detail

■ Updated "Stream Bed" annotation to flip with block

Elevation Scale

■ No revisions.

CS & Quan

Cross Section

Cross Slope

■ No revisions.

Bid Items and Quantities

Bid Items and Quantities Table

■ No revisions.

General Notes

New Bridges

■ No revisions.

Overlays

■ No revisions.

Typical Details

Profile Grade Line

■ No revisions.

Abutment Backfill Diagram

■ No revisions.

Abutment Backfill Details

■ No revisions.

Rodent Screen Details

■ No revisions.

Bench Mark

■ No revisions.

Substr.

All Bridge Structures

Standard Bubble Notes

■ No revisions.

Rocker Bearing

■ No revisions.

Beam Seat

■ No revisions.

Beveled Keyway

■ No revisions.

Pile Details

■ No revisions.

Pile Elevations

■ No revisions.

Batter Arrow

■ No revisions.

Abutments

A1 Abutment Section

■ No revisions.

Slope Paving

■ No revisions.

Rodent Screen Detail

■ No revisions.

6 in Drain

■ No revisions.

Eyebolt

■ No revisions.

Piers

Pier Column	■ No revisions.
Rustication Detail	■ No revisions.
Bevel	■ No revisions.
Precast Option	■ No revisions.

Rebar

Bar Detailing

Rebar Section	■ No revisions.
Deck Bar Callout	■ No revisions.
Stirrup	■ No revisions.
U-Bar	■ No revisions.
Rotated Stirrup & U-Bar	■ No revisions.
L-Bar	■ No revisions.
Development Lap	■ No revisions.
Hooked Bar	■ No revisions.
Parapet Bars	■ No revisions.
Rebar Sketch	■ No revisions.

Bill of Bars

Bill of Bars	■ No revisions.
Bundling Detail	■ No revisions.
All Bar Bends	■ No revisions.
L Bar	■ Made location of bar leg rotatable and flippable
Stirrups	■ No revisions.
U Bar	■ No revisions.
Spiral	■ No revisions.
Z Bar	■ No revisions.
Hook	■ No revisions.
Double Hook	■ No revisions.
Hairpin	■ No revisions.
Hooked Hairpin	■ No revisions.
135 Bend	■ No revisions.
Hat	■ No revisions.
Abut Diaphragm	■ No revisions.
32SS Bars	■ No revisions.
36SS Bars	■ No revisions.
42SS Bars	■ No revisions.
56SS Bars	■ No revisions.

Super

Girder

Prestressed Shapes	■ No revisions.
Prestressed Girder Plan	■ No revisions.
Haunch Details	■ No revisions.
Shear Connection Details	■ No revisions.
Transportation Note	■ No revisions.

Concrete Slab

Section Thru Slab	■ Added SE abutment option
Section Thru Slab with Paving Notch	■ Added SE abutment option

Deck

Deck Section	■ No revisions.
Joint Details	■ No revisions.
Median Details	■ No revisions.
Polymer Overlay Transition	■ No revisions.
Floor Drain	■ No revisions.
Strip Seal Elevation	■ No revisions.

Annotation

V Groove Note	■ No revisions.
Deck Bar Callout	■ No revisions.
TOD Elevation Table	■ No revisions.
Deflection Diagram	■ No revisions.
Tangent Offset Table	■ No revisions.

Barriers

Parapets and Barriers

Barriers	■ No revisions.
Parapet Transition	■ No revisions.
Beamguard Anchor Assembly Detail	■ No revisions.
Section Thru Parapet on Super.	■ New

NEW

Fence and Railings

Fence and Railing	■ No revisions.
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Lights

Light	■ No revisions.
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Steel

Piles

CIP Piles	■ No revisions.
HP Piles	■ No revisions.
Sheet Pile	■ No revisions.
Elevations	■ No revisions.

Steel Shapes

Angle	■ No revisions.
Channel	■ No revisions.
HSS	■ No revisions.
MC Channel	■ No revisions.
Pipe	■ No revisions.
WF Beam	■ No revisions.

Bolts

Bolt Plan	■ No revisions.
Bolt Elevation	■ No revisions.
Anchor Rod	■ No revisions.
Washer	■ No revisions.

Other

Girder Stud	■ No revisions.
Rocker Bearing	■ No revisions.
Strip Seal Joint	■ No revisions.
Weld Symbol	■ No revisions.

Culvert

General Plan

- Design Data and General Notes ■ No revisions.
- Backfill Note ■ No revisions.
- Backfill Details ■ No revisions.
- Misc. Notes ■ No revisions.

Box Details

- Header Bars ■ No revisions.
- Header Detail ■ No revisions.
- Joint Detail ■ No revisions.

Apron Details

- Cut Off Wall Detail ■ No revisions.
- Inlet Nose Details ■ No revisions.
- Joint Detail ■ No revisions.
- Name Plate Detail ■ No revisions.

NEW *Precast Culvert*

- Precast Box Culvert ■ New

Wall

Notes and Typical Section

- Design Data ■ No revisions.
- General Notes & Data Tables ■ No revisions.
- MSE Wall Typical Section ■ No revisions.
- Elevation Detail ■ No revisions.
- Joint Detail ■ No revisions.
- Name Plate ■ No revisions.

Details

- Coping Section ■ No revisions.
- Anchor Slab Section ■ No revisions.

Misc.

Structural Approach Slab

- Typical Section ■ No revisions.
- NEW** Section Thru Corner ■ New

Subsurface Exploration

- Grid ■ No revisions.
- Boring Table ■ No revisions.

Viewport

- Outline ■ No revisions.