

Utah Department of Transportation



**Supplemental Specifications
for
2012 Standard
Specifications
FOR ROAD AND BRIDGE
CONSTRUCTION**

Issued September 16, 2013

Memorandum

UTAH DEPARTMENT OF TRANSPORTATION

DATE: September 16, 2013

TO: Holders of Hard Copy of Standard Specifications

FROM: Barry Axelrod
Standards and Specifications

SUBJECT: Supplemental Specifications Distribution, dated September 16, 2013

Applicable files for the change are attached. Maintain these files as a supplemental update to the UDOT Standard Specifications dated January 1, 2012. No pages are to be removed or replaced in the basic book, electronic or hard copy.

Refer to the Standards and Specifications Web site, Standard and Supplemental Specifications at <http://www.udot.utah.gov/go/2012specifications> for electronic copies of any Standard or Supplemental Specification. Select the appropriate subtopic from there.

Refer to the Standards and Specifications Web site, Engineering Services Web Store at <http://www.udot.utah.gov/go/webstore> to purchase a hard copy of the Standard Specifications or Standard Drawings books.

Contact Barry Axelrod at 801-964-4570, 801-725-8823 (cell), or by email at baxelrod@utah.gov if you have any questions or problems with the electronic files.

Attachments

Listing of Supplemental Specifications

Issue Date: September 19, 2012

Revised August 30, 2012

- Section 00120M Article 1.15, paragraph A20, Article 1.17, Article 1.18, and Article 1.20 replaced and Article 1.21, paragraph A14 and Article 1.27 added.
- Section 00515M Article 1.11, paragraph A replaced.
- Section 00570M Article 1.7, paragraph A38 and A66 through A104 replaced.
- Section 00820M Article 1.17, paragraph C replaced.
- Section 01315M Article 3.1, paragraph D2 and H1 replaced.
- Section 01571M Article 2.1, paragraph B1 replaced.
- Section 02822M Article 1.3, paragraph G and H and Article 2.5, paragraph B8 replaced.
- Section 02823M Article 1.3 and Article 2.2, paragraph B6 replaced.
- Section 02891M Article 1.3, Article 1.4, paragraph A1, and Article 2.1, paragraph C replaced.
- Section 02893M Article 1.3, Article 2.1, paragraph A3c, Article 2.1, paragraph C1, and Article 2.1, paragraph D2 replaced.
- Section 03211M Article 1.3 replaced, Article 2.1, paragraph C added, Article 2.2, paragraph A replaced, Article 2.7, paragraph D and Article 2.8, paragraph D added, Article 3.1, paragraph B1a replaced, and Article 3.1, paragraph E and Article 3.2, paragraph O added.
- Section 03393M Article 1.5, paragraph B deleted, Article 2.1, paragraph A, Article 3.1, paragraph B, and Article 3.3, paragraph C and D replaced, and Article 3.3, paragraph I added.
- Section 03924M Article 1.1, paragraph B added.
- Section 05120M Article 1.3, Article 1.5, paragraph B1, Article 2.2, paragraph C1, and Article 2.2, paragraph D replaced.
- Section 06055M Article 1.3 and Article 2.3 replaced.
- Section 13553M Article 3.2, paragraph O replaced.

Issue Date: November 14, 2012

Revised October 25, 2012

- Section 02752M Article 3.10, paragraph E
- Section 03211M Article 1.3 replaced, Article 2.1, paragraph C added, Article 2.2, paragraph A replaced, Article 2.7, paragraph B replaced, Article 2.7, paragraph D and Article 2.8, paragraph D added, Article 3.1, paragraph B1a replaced, and Article 3.1, paragraph E and Article 3.2, paragraph O added. (This issue replaced previously issued Supplemental Specification for this section.)
- Section 13557M Article 3.1, paragraph A and Article 3.2, paragraph E replaced.

Issue Date: March 14, 2013

Revised February 28, 2013

Section 00570M Article 1.7, paragraph A38, paragraph A49 Table 1, and paragraphs A66 through A104 replaced.

Section 00727M Article 1.28, paragraph B replaced.

Section 00820M Article 1.13, Article 1.17, paragraph C, and Article 1.17, paragraph F3 replaced.

Section 01282M Article 1.9, paragraphs C1b and D5 and Article 1.11, paragraph E1 replaced

Section 01456M Article 1.6, paragraph C replaced.

Section 02821M Article 1.3, paragraph H and Article 2.2, paragraph A1 replaced.

Section 02891M Article 1.3, Article 1.4, paragraph A1, Article 2.1, paragraph B, Article 2.1, paragraph C, and Article 2.1, paragraph E replaced.

Issue Date: May 9, 2013

Revised April 25, 2013

Section 01721M Article 1.3 and 1.4, paragraph C replaced.

Section 02765M Article 1.3, paragraphs M through R and Article 2.2 replaced.

Section 03055M Article 2.1, Table 2, note replaced.

Section 13551M Article 3.13 added

Section 13553M Article 1.5 paragraph B, Article 2.1, paragraph A3, Article 3.2 paragraph F, and Article 3.2 paragraph O replaced. (This issue replaced previously issued Supplemental Specification for this section.)

Issue Date: July 17, 2013

Revised June 27, 2013

Section 00120M Article 1.15, paragraph A20, Article 1.15, paragraph B, Article 1.17, Article 1.18, and Article 1.20 replaced and Article 1.21, paragraph A14 and Article 1.27 added. (This issue replaced previously issued Supplemental Specification for this section.)

Section 00570M Article 1.7, paragraph A38, Article 1.7, paragraph A49 Table 1, and Article 1.7, paragraphs A66 through A104 replaced. (This issue replaced previously issued Supplemental Specification for this section.)

Section 01282M Article 1.8, paragraph A1, Article 1.9, paragraphs C and D, Article 1.10, paragraph A2, Article 1.11, Article 1.12, paragraph C, Article 1.13 title and paragraph A, Article 1.14, paragraph A4, and Article 1.15, paragraph A3 replaced. (This issue replaced previously issued Supplemental Specification for this section.)

Section 02373M Article 2.1, paragraph D replaced.

Section 02841M Article 3.1, paragraph C and Article 3.3, paragraph B replaced.

Section 02843M Article 3.1, paragraph A2b replaced.

Issue Date: September 16, 2013

Revised August 29, 2013

Section 02768M Article 1.5 paragraph B replaced.

Section 02841M Article 3.1 paragraph C and Article 3.3 paragraph B replaced.

Article 3.6 added. (This issue replaced previously issued Supplemental Specification for this section.)

Section 13553M Article 1.3 paragraph G, Article 1.5 paragraph B, Article 2.1, paragraph A3, Article 3.1 paragraph B, Article 3.1 paragraph H, Article 3.2 paragraph F, and Article 3.2 paragraph O replaced. (This issue replaced previously issued Supplemental Specification for this section.)

**Supplemental Specification
2012 Standard Specification Book**

SECTION 02768M

Pavement Marking Materials
(Warranty Specification)

Delete Article 1.5, paragraph B and replace with the following:

- B. Installation Warranty
 - 1. Manufacturer provides a warranty bond or letter of credit to the Department's Engineer for Maintenance to cover the total installed price of the material on this project and any other projects where the manufacturer's material is installed.
 - 2. Submit material type, manufacturer, installation date, quantities, and project number to the Engineer for each project.
 - 3. Warranty bond or letter of credit covers the specified service life of the materials and begins after all pavement markings are installed and accepted.

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SECTION 02841M

W-BEAM GUARDRAIL

Delete Article 3.1, paragraph C and replace with the following:

- C. Have a certified guardrail installer present at each location within the project and be an active participant during the installation and maintenance repair of guardrail or elements of a W-Beam guardrail system.

Delete Article 3.3, paragraph B and replace with the following:

- B. Drive post if satisfactory results are obtained without damaging the post.
 - 1. Do not drive posts through asphalt. Refer to BA 4D Series Standard Drawings.

Add Article 3.6:

3.6 Raising Existing W-Beam Guardrail

- A. Raise W-beam guardrail to maintain the minimum rail height according to BA Series Standard Drawings.
 - 1. Only W-beam guardrail with three-hole post system is eligible to be raised. Raise the three-hole post systems rail element only if the rail element is not currently set in the highest hole.
 - 2. W-beam guardrail with single-hole post system cannot be raised. Do not lift posts in order to raise rail.
- B. Remove existing rail element and blocks.
- C. Complete shoulder grading as required by BA Series Standard Drawings.
- D. Reinstall rail elements and blocks on existing three-hole post system using the next hole up on the three-hole system to meet the height requirements according to BA Series Standard Drawings.
 - 1. Do not drill new holes in posts.

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SECTION 13553M

ATMS CONDUIT

Delete Article 1.3, paragraph G and replace with the following:

- G. State of Utah Administrative Rules

Delete Article 1.5 paragraph B and replace with the following:

- B. Refer to this Section articles 3.2 paragraph F4, 3.2 paragraph I1, and 3.7 paragraph A.

Delete Article 2.1 paragraph A3 and replace with the following:

- 3. HDPE conduit with ribbed or smooth interior.

Delete Article 3.1 paragraph B and replace with the following:

- B. The placement of conduit in areas of parallel utilities must meet Department Utilities and Local Utilities standards and be approved by the Engineer. Refer to State of Utah Administrative Rule R930-7.

Delete Article 3.1 paragraph H and replace with the following:

- 1. Minimum cover in pavement is 4ft and minimum cover in sidewalks is 3 ft.
- 2. Minimum cover in highway right-of-way, greater than 20 ft from the edge of the pavement is 3 ft.
- 3. Minimum cover in highway right-of-way, within 20 ft of the edge of the pavement is 5 ft.
- 4. Refer to State of Utah Administrative Rule 930-7.

Delete Article 3.2 paragraph F and replace with the following:

- F. Proof all conduit before installation of cabling and detectable pull tape.
 - 1. Use a mandrel approved by the Engineer.
 - 2. Schedule proofing with the Engineer at least 5 working days in advance of performing the work.
 - 3. Proof all conduit with a Department representative witness present.
 - 4. Submit a completed Conduit Mandrel Test form to the Engineer for all ATMS conduit prior to Final Acceptance. Refer to <http://www.udot.utah.gov/go/standardsreferences>.

Delete Article 3.2 paragraph O and replace with the following:

- O. Install a bushing or adapter at ends of all nonmetallic conduit that contain a conductor according to the NEC.