

2012 Standard Specification Book Revisions That Occurred Outside of an Amendment or Interim Update

The following are printed changes to the **2012 Standard Specification Book** that occurred after the last Amendment update. For this reason, the following changes were not documented in any amendment or interim update package to the 2010 Standard Specification Book.

DIVISION 1 – GENERAL REQUIREMENTS

Section 1-07.1 - Utilities and Similar Facilities

This change adds 'ITS' to the list of known utility systems.

Section 1-10.2(3) - Conformance to Established Standards

This change revises the web address given for the PROWAG Manual from that shown in the 2010/2011 Amendments. The new web address change is:

(www.access-board.gov/prowag/) under Revised Draft Guidelines (2005).

DIVISION 3 – Aggregate Production and Acceptance

New Section 3-04 - Acceptance of Aggregate

This change created a new **Section 3-04 Acceptance of Aggregate**. The new Section also required some revisions to Sections; 1-06.1(3), 3-01, and 9-03. The new Section will cause the deletion of the existing GSP **Statistical Aggregate Specification 9-03.20.OPT1.GR9** as that information is now incorporated into the new Section 3-04. The deletion of the GSP will be part of the January 2, 2012 Amendment and GSP Update Package.

DIVISION 5 - SURFACE TREATMENTS AND PAVEMENTS

Sections 5-04.3(10)B3 and 5-04.3(12)B

Changes require a notched wedge joint to be constructed along all longitudinal joints in the wearing surface of new HMA and as such low density at the longitudinal joint in accordance with WSDOT SOP 735.

Section 5-05.3(11) - Finishing

Changes make the terminology between longitudinal and transverse tining consistent.

DIVISION 6 –STRUCTURES

Section 6-02 - Concrete Structures

Several existing subsections of 6-02.3 had bold headings but no numerical identifier. We have added numerical identifiers to these bold headings as established by the example of Sections 5-04.3(7), 5-04.3(8), 5-04.3(10) and 5-04.3(11).

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Section 6-02.3(2) and 9-01.2(4)

The change updates information in Section 9-01.2(4) Blended Hydraulic Cement, that will allow up to 50% slag to be used in Blended Hydraulic Cement. The change to 6-02.3(2) updates the information in Table 2 that would allow up to 50% slag.

Sections 6-03.3(25), 6-03.3(25)A and 6-03.3(25)A2

References to the 2008 Bridge Welding Code have been updated to read 2010 Bridge Welding Code.

Section 6-03.3(41)

This section was deleted from the book as it has remained unchanged since 1948 and represented a design practice long ago abandoned by WSDOT.

Sections 6-07.3(9), 6-07.3(10) and 6-07.3(11)

The changes to Sections 6-07.3(9) and 6-07.3(10) were done to define primer stripe coats, separate from the primer and intermediate coat respectively. Specific changes are as follows:

The requirements for materials used for painting of galvanized surfaces are added to Section 6-07.3(11)A2 to be consistent with similar requirements specified in Sections 6-07.3(9) and 6-07.3(10).

The minimum and maximum coating thicknesses in Section 6-07.3(9)D are adjusted.

The italicized headings under Section 6-07.3(11) are revised to current WSDOT Standard Specification heading format with specific subsection numbering as established by the example of Sections 5-04.3(7), 5-04.3(8), 5-04.3(10) and 5-04.3(11).

The identification of materials used for powder coating is added to Section 6-07.3(11)B, following the example of Section 6-07.3(10)A2

New requirements for the abrasive blast media used for powder coating surface preparation are added to Section 6-07.3(11)B3.

Section 6-10.5 - Payment

Changed the bid item "St. Reinf. Bar", per pound to "St.Reinf. Bar _____", per pound to coincide with the August 1, 2011 amendment change to Section 6-02.5

Section 6-13.3(7) - Backfill

The change doesn't allow construction equipment to operate directly on any wall reinforcement without a minimum of backfill thickness of six (6) inches over the wall reinforcement material. The existing specification required the above backfill

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only on geosynthetic reinforcements but not on metallic reinforcements. The change would require a minimum six inch backfill on any wall reinforcement.

Section 6-15.3(6) – Soil Nailing

This change deleted two sentences in the existing specification that did not allow for wet setting of nails. Wet setting of nails is now not prohibited.

New Sections 6-19 and 9-36

The proposed New SHAFT Sections elevate the current ADSC Shaft Special Provisions to Standard Specification status.

DIVISION 8 - MISCELLANEOUS CONSTRUCTION

Section 8-11 - Guardrail

Editorial and formatting changes were made to this Section to better present and understand the Work requirements, measurement and payment of this Section. The following Sections were renumbered: 8-11.3(1)C.GR8 renumbered to 8-11.3(1)B.GR8, 8-11.3(2).GR8 renumbered to 8-11.3(1)G.GR8, and 8-11.3(4).GR8 renumbered to 8-11.3(1)D.GR8.

Section 8-12 – Chain Link Fence and Wire Fence

Added a bid item for Access Control Gate.

Section 8-15 and 2-12.3(4)

These changes remove discussion on sack riprap. Sack riprap was removed from Section 9-13.3 in an April 2011 Amendment Update. It should also have been removed from these two Sections at that time also but wasn't so we removed as a 2012 Book change.

Section 8-22 – Pavement Marking

This change removed references to High VOC Solvent paint.

DIVISION 9 – MATERIALS

Section 9-01.2(4) and 6-02.3(2)

The change updates information in Section 9-01.2(4) Blended Hydraulic Cement, that will allow up to 50% slag to be used in Blended Hydraulic Cement. The change to 6-02.3(2) updates the information in Table 2 that would allow up to 50% slag.

Section 9-02.1(4) – Performance Graded Asphalt Binder (PGAB)

Added the elastic recover test to the specification for asphalt binder.

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Section 9-34.3 - Plastic

This update clarifies testing and specifications for pavement marking materials, include paint, thermoplastic, methal and tape and beads. The major changes to the specifications are to waterborne paint in Section 9-34.2(3):

- 1) Low VOC Waterborne Paint (the standard) is what WSDOT has been using, just renamed,
- 2) Added “Cold Weather” paint for use during colder temperatures in the spring and fall (and winter). Many construction projects that require striping in the late fall will benefit from this material. It is more environmentally friendly than low VOC Solvent paint. The intent is to remove the low VOC Solvent Paint from the Standard Specifications in the next couple of years.
- 3) Added “High Build” which is an improved version of waterborne paint that is more durable and can be applied at thicknesses up to 30 mils. The new specification applies it at first coat at 10 mil and second coat at 25 mils. A new higher quality bead, WSDOT Type B, is used to increase retro reflectivity and wet weather retro reflectivity. The “High Build” paint can also be applied in a groove.

This specification also includes a requirement for NTPEP testing which addresses an issue that we no longer have pavement marking test decks in Washington State, and this will allow us to evaluate pavement markings using NTPEP test decks and data.

New Sections 9-36 and 6-19

The new Shaft Sections elevate the current ADSC Shaft Special Provisions to Standard Specification status.