

WVDOH Specifications Committee

Agenda for February 14th, 2011 updated via email Feb. 12, 2011

Good Afternoon,

This is a last second update to the Specifications Committee Meeting for Monday, Feb. 14th. There's a few things that I thought were necessary or at least a good idea to throw out on the agenda for discussion.

The additions and changes are as follows:

New Computer Specifications

Tentatively no "effective date" has been proposed. The Division is proposing to make the following changes dealing with the Contractor's submitted schedule requirements. The **highlighted** area shows the new proposed changes.

1. The Contractor shall provide one (1) desktop computer with the following components:

*2.8 GHz Processor (or faster)
2 GB RAM memory (or larger)
60GB Hard Drive (or larger)
24 X (or faster) CD-RW Drive
4 MB Video Card (or greater)
101 enhanced keyboard and Microsoft Intellimouse
17" or greater LCD Monitor
10/100 Base-T Fast Ethernet interface*

2. The Contractor shall supply one (1) laser printer with the following minimum components:

*10 pages per minute
2 MB memory
USB Post Script emulation (level 2)
Stand tray with minimum capacity of 200 sheets*

3. The Contractor shall supply the following Accessories:

*Dust cover for all equipment
Surge Protector
Transportable Media (CD-RW or 2 GB Thumbdrive)
Mouse Pad
One (1) Box (10 Disk) CD-RW*

4. The Contractor shall supply the following software:

*One (1) Windows 7 Professional (or Windows XP Professional package with Service Pack 3)
One (1) Microsoft Office Pro 2003 Package
One (1) Adobe Acrobat Standard Edition (latest version)
One (1) Virus software with subscription update service, either Norton Anti-Virus or McAfee Virus Scan*

For projects that require the use of a Detailed Construction Schedule as per Section 108.3 of the Standard Specifications, the computer requirements shall contain the following modifications and/or additions:

1. *The Schedule shall be prepared and maintained using scheduling software Primavera Project Manager Version P6.0 or higher.*
2. *The following criteria shall apply to the development and maintenance of the schedule:*
 1. *All resource names shall begin with the project's specific seven (7) digit contract number, followed by an underscore. Any additional description may follow the underscore.*
 2. *The use of Project Codes is prohibited*
 3. *Global Activity Codes are prohibited. However, Project Activity Codes may be used. The Project Activity Code names shall begin with the project's specific seven (7) digit contract number followed by an underscore. Any additional description may follow the underscore.*
 4. *Global Calendars are prohibited (except as noted below in section 6). However, Project Calendars may be used. the Project Calendar names shall begin with the project's specific seven (7) digit contract number, followed by an underscore. Any additional description may follow the underscore.*
 5. *The use of Cost Accounts is not required. However if the Contractor elects to use them, then the Cost Account names shall begin with the project's specific seven (7) digit contract number, followed by an underscore. Any additional description may follow the underscore.*
 6. *The Contractor Resource Calendar shall be linked to the WVDOT Standard Calendar. This shall be accomplished by creating a Global Calendar named "WVDOT Standard 5 Day Workweek w/holidays".*
3. *In relation to Section 640.11 (Computer System for Field Office), the Contractor shall:*
 - *Provide Primavera Contractor v6.1 or Primavera Project Manager P6.2 or higher.*
5. The Contractor shall provide, maintain, and pay for internet access via service such as Cable, DSL, Satellite or other systems that provide a minimum upload and download speeds of:
 1. *Download: 1.6 Mbps*
 2. *Upload: 250 Kbps*
6. The Contractor shall provide one (1) digital flatbed scanner meeting or exceeding the following requirements:
 1. *Scan Resolution: Up to 2400 dpi*
 2. *Bit Depth: 48-bit*
 3. *Automatic Document Feeder Capacity: 50 Sheets*
 4. *Audomatic Document Feeder Speed: 8ppm / 4ipm*
 5. *Scan Size, Maximum: 8.5 X 11 in (flatbed)*
 6. *Scan Size, Maximum (ADF): 8.5 X 14 in (one sided) 8.5 X 12 (two sided)*
 7. *Scan Size Minimum (ADF): 3.5 X 5 in (one sided) 5 X 9in (two sided)*
 8. *Scan File Formats: JPEG, TIFF, PDF*
 9. *Must be compatible with all the computer equipment listed above as applicable.*

- **Special Provision for 406 – High Friction Anti-Skid Material** – the provision that was approved back in June 2010, did not update the application rate to “Gallons/SY” the epoxy binder. After discussion it was decided that it is likely that different epoxy binder products may have require different application rates and that these rates shall be determined by the manufacture. This was changed in two locations in the provision. No new approval is required, this is just a “friendly reminder” This provision has not been attached to the agenda.
- **Special Provision for 663 – Type IX Paint** – the previous version sent out on Feb. 4th had some incorrect item numbers associated with the Pay Item table. This updated version cleans that up. This provision is not attached to the agenda as only two items were deleted – Barrier Lines and Stripes.
- **Updated the online version of the 2010 Specifications Roads and Bridges** – the Division is beginning to add links to the various sections.

Feb. 4, 2011:

Good afternoon,

...attached to this email update to the Feb. 14th Agenda, are several provisions dealing with pavement markings.



Project Specific Provisions for Type IX Paint – for resurfacing and other projects where striping is not a major item of the contract.

SP 663 – Pavement Markings – This project specific provision is for Type IX Paint. It simply adds the applicable materials section and additional pay items that may be encountered.

SP 711.42 – Material Requirements for Type IX Paint – type IX paint for these projects shall be administered much like type II paint (Section 711.41). However the color and retroreflectivity section is different and is specified in this special provision.

- **Project Specific Provisions for Interstate / APD Pavement Statewide Pavement Marking Contract** – The Interstate/APD Pavement Marking Contract has been revised to better coincide with special provision format, existing statewide pavement marking contracts, and current terminology where warranty language is used. The Interstate / APD Pavement Marking contract will be two year warranted wet-reflective marking system is more clearly defined in the

following provisions.

- **SP 108 – Liquidated Damages for Interstate / APD Pavement marking provision** – it is basically the same provision used for the District Wide and Recall striping contracts.
- **SP 636 – Lump Sum Traffic Control for Interstate / APD Pavement Marking provision** – this is basically the same provision previously approved by the Specification Committee this past summer.
- **SP 663 - Type X Paint Marking Provision** – this details construction methods, pay items, and material references and more for Type X Wet-Retroreflective paint.
- **SP 711.43 – Type X Paint Marking Material and Warranty provision.** – material requirements and warranty periods, definitions and applicable forms.

The above provisions did not meet the deadline for expedited approval, however due to the Project Specific nature of each, and the need for the Division to get these projects out, approval is expected at the Feb. 14th meeting. It is likely that these provisions will be showing up in advertised projects. If changes are necessary, addendums to projects will be issued where possible.

The agenda and the above mentioned six provisions are all that was sent out with this update.

Original Agenda follows on the following pages:



Good Morning and welcome to the 2011, hope your holidays were good.

2010 Specifications Books and 2011 Supplemental Specifications

The 2010 Standard Specification Book and 2011 Supplemental were made effective beginning with the January 19th, 2011 letting. Hard copies of the book should be arriving in the first weeks of February.

The 2010 Standard Specifications Roads and Bridges

The current 2010 Standard Specifications Roads and Bridges is posted on the internet at the following [Division Of Highways Specifications website](#) and can be downloaded by clicking the book cover to the left or by [clicking here](#).

Please note that the internet copy has undergone various revisions as we have been working out issues with the printing company. The most recent revision was posted January 8th, 2011. If you have downloaded or printed a copy you should disregard those and update with the most current version.

WEST VIRGINIA
DIVISION OF HIGHWAYS



STANDARD SPECIFICATIONS
ROADS AND BRIDGES
Adopted 2010

Due to delays in getting the hard cover book published the Division has been issuing 8.5" X 11" copies to the Districts for their personnel. These copies when printed do not contain the most recent revisions as mentioned above and Contract Administration has been adding extra provisions to that document to be inserted.

The 2010 Standard Specifications also now have their own dedicated website and that can be viewed by [clicking here](#)

The 2011 Supplemental Specifications ~ Issued January 1st, 2011

The 2011 Supplemental Specifications was posted on [Division of Highways Specifications website](#) on January 4th, 2011 and it too has its own [website](#). Of course the publication can be downloaded by clicking the book cover to the left or by [clicking here](#).

Currently the document is about fifty pages and contains some last minute changes to the Standard Specifications or corrections that were issued late 2010. There are no revisions being planned for this document, necessary corrections will be handled via Supplemental Specification provisions, or typo's will be corrected in a second printing if necessary.

WEST VIRGINIA
DIVISION OF HIGHWAYS



SUPPLEMENTAL
SPECIFICATIONS
TO ACCOMPANY THE 2010 EDITION OF
THE STANDARD SPECIFICATIONS
Roads and Bridges
ISSUED JANUARY 1, 2011

These books should also be showing up to the Districts soon if they have not already. Currently the WVDOT Print Shop is working very hard at printing these books and making them available. Till that time, copies must be printed from the internet.

The Specifications Website

Over the last several weeks many revisions to the Contract Administration's Specifications and Documents website have been issued.

There is now a dedicated [Specifications Committee Website](#) . From this website, I hope to post notes about the meetings and also archive previous meetings. These changes will be being made as time becomes available. I hope to post all specifications that are to be reviewed along with meeting notes and comments.

Currently the meeting dates for 2011 including February are posted and can be viewed and [printed here](#).

2011 Specifications Committee Calendar

2011 Specifications Committee Dates

Specifications Committee Meeting Date:	Deadline For New Topics & Submissions that need to receive expedited approval	Agenda To Be received by Committee on or before:	Meeting Reminder & RSVP On or before: <i>Deadline for all other new Topics and Submissions</i>
January	n/a	n/a	n/a
February 14, 2011	January 21 st , 2011	January 31 st , 2011	February 7 th , 2011
March 14, 2011	February 24 th , 2011	February 28 th , 2011	March 7 th , 2011
April 11, 2011	March 24 th , 2011	March 28 th , 2011	April 4 th , 2011
May 9, 2011	April 21 st , 2011	April 25 th , 2011	May 2 nd , 2011
June 13, 2011	May 26 th , 2011	May 31 st , 2011	June 6 th , 2011
July 11, 2011	June 23 rd , 2011	June 27 th , 2011	July 5 th , 2011
August 8, 2011	July 21 st , 2011	July 25 th , 2011	August 1 st , 2011
September 12, 2011	August 25 th , 2011	August 29 th , 2011	September 6 th , 2011
October	n/a	n/a	n/a
November 14, 2011	October 27 th , 2011 <i>Final Submissions for 2012 Supplemental Specifications Book and must be approved at this meeting</i>	October 31 st , 2011	November 7 th , 2011
December 12, 2011	November 17 th , 2011	November 28 th , 2011	December 5 th , 2011

Notes:

- All Meeting dates are the second Monday of each Month, except January and October where no meetings are scheduled.
- All meetings are scheduled to be held in Bldg 5 Room 122, 9:00AM to 12:00PM, however this may be changed and notice shall be given as soon as possible about a new meeting location.
- All other dates / schedules are tentative and subject to change if situations warrant.

As mentioned above the dates for 2011 are now posted on the internet, and listed below. Because I was in a rush to get the book out over the last couple years I let a few things slide, thus for 2011 there will be some new guidelines:

- I'm going to me more stringent about Provisions that receive "Expedited Approval" – the current DD for Specification Approval, requires that provisions to be approved in a single meeting must be available for review for 14 days. This be the case for 2011, any provisions not submitted by the required date that needs expedited approval, shall require some sort of documentation (email, letter, etc) stating why it can't wait till the following meeting.
- Similarly, the final deadline for a month's inclusion is also listed in the calendar, and these dates shall also be met. Like above, there's exceptions to everything I would just like some sort of documentation as to why the submission in question must be included at the last minute and cannot wait, and then I'll do my best to get them included.

If the attached table is hard to read please go check out the website and begin familiarizing yourself with it and it's layout.

Provisions for February 14th

- **Special Provision for section 102 – *Bidding Requirements and Conditions***: this is a previously approved provision, and is being presented as a Project Specific Provision for some projects when Paper Bids will be accepted. This provision was previously approved as a standard specification, and thus no additional approval is needed, and will not be back in March.
- **Special Provision for Section 109 – 109.1 Lump Sum Excavation** – this is the second time to committee for this project specific provision, no changes have been made since the December version.
- **Supplemental Specification for Section 109 – 109.10 Price Adjustment for Asphalt Binder** – this provision is being presented as a Supplemental Specification, and addresses a long running error in the Standard Specifications, it simply revises language about what items receive the asphalt adjustment. It is expected to receive expedited approval.
- **Supplemental Specification for Section 207 – 207.6.5 Construction Waste** – This provision is being presented as a Supplemental Specification and is to receive expedited approval. It corrects an error in the 2010 Specifications. It was previously approved by committee back in 2009, and was left out accidentally when it was incorporated into the 2010 Update.
- **Special Provision for Section 207 – 207.15 Lump Sum Excavation** – no work has been done on this since December’s meeting. It is on the agenda to discuss any updates and to begin moving forward with implementation into select projects, and be ready for final approval in March.
- **Special Provision for Section 211 – 211.7 Lump Sum Excavation** – this is the second time to committee for this provision and it addresses potential conflicting language that may arise with the Lump Sum 207 Provision.
- **Special Provision for Section 219 – CLSM Grout for Pipe Lining** – second reading of this project specific provision for final approval.
- **Special Provision for Section 401 – 401.10.5 Joints** – This provision deals with shifting the pavement joint over a certain distance. Shifting this joint over will allow for the installation of various traffic safety devices. Ie Centerline Rumble Strips, and to keep them from being installed along the paving joint. It was presented in 2009, and is now being resubmitted as a project specific provision at this time.
- **Special Provision for Section 601 – *Patching Concrete Structures*** – Tabled
- **Special Provision for Section 601 – *Mass Concrete*** – The second reading of this Project Specific Provision for final approval.
- **Special Provision for Section 604 – *HDPE Pipe Liner*** – this is the second reading of this Project Specific Provision for final approval.
- **Special Provision for Section 639 – *Electronic Data*** - this is the third reading of this Project Specific Provision. It is written to be used with the Lump Sum excavations provisions, but also could stand on its own if necessary.
- **Special Provision for Section 664 – *Safety Edge ~ Approved Product Listing*** – this is the second reading of this provision for approval.
- **Special Provision for Section 664 – *Safety Edge ~ Performance Specification*** – this is the second reading of this provision for approval.
- **Supplemental Specification for section 664 – Rumble Strips** – this is the second reading of this specification. It has had some minor revisions since December’s meeting.
- **Special Provision for Section 667 – *LED Dynamic Message Signs Front Access Door Amber and / or RGB Full Matrix*** – first reading of this Project Specific Provision expecting expedited approval.

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- **Special Provision for Section 711 – 711.42 White Or yellow Fast-Dry Traffic Paint (Type IX)** – 1st submission for this project specific provision for Type IX Paint.
 - **Supplemental Specification for Section 715 – Sections 715.10 / 715.11 / 715.12** – these sections were accidentally deleted from the 2010 Specifications book and are being presented. No approval is necessary as these were never “unapproved”. For information only.