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Subject: Implementation of AASHTOWare-Materials and Spec Reorganization for pilot projects

The Wisconsin Department of Transportation (WisDOT) has been using AASHTOWare Preconstruction and Construction modulus for data management. WisDOT is in the process of implementing the AASHTOWare-Materials module for monitoring and tracking construction materials. There are multiple material reporting and tracking systems (i.e., MRS, MIT, MTS, MIT, HQMS) in use. AASHTOWare-Materials is a web-based product that combines all these systems into one platform.

Implementation of AASHTOWare-Materials required a significant re-organization of material specifications. Materials specifications are located in multiple places; WisDOT Standard Specification (x.2 Materials), Construction and Materials Manual (CMM), and Approved Product Lists (APL). The latest draft of the re-organized specification is a special edition of the current standard specification: [2027 Reorganized Pilot Specification](#). The pilot edition is indicated in the project special provisions. In this edition of the specification book, all material related specifications were moved to Part 7 of the Standard Specification. It is posted in the WisDOT Roadway standard webpage: <https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnsit-rsrcs/rdwy/default.aspx>

Here is list of expected changes and impacts for contractors and consultants.

- Spec Reorganization
 - All specifications related to materials move to Part 7 of the WisDOT Standard Specifications. All materials in the contract reference the appropriate chapters in Part 7 and contractors should be ready to navigate the new spec.
 - Majority of Construction specifications (x.3), Measurement (x.4), and Payment (x.5) with bid items stay the same. However, there were materials specifications included in the construction specification (x.3) and those specifications were moved to Part 7. Also, chapter 460 of the standard specification was moved entirely to Part 7. Bid items included in chapter 460 for HMA pavement were moved to chapter 450 and bid item numbers were adjusted accordingly.
 - Each 700 chapter has a summary table of material acceptance methods which indicates the required documentation for each material before and during project. Contractors and consultant expect to utilize the table as a check list which documents are required for each material.
- AASHTOWare-Materials
 - Contractors and consultants will need to create an AASHTOWare account to enter data. How to request an account will be posted in the [AASHTOWare Project Knowledge Base](#).
 - The appropriate role will be assigned to the account holder, and AASHTOWare-Materials will be customized by the assigned role. Only account holders will be able to enter QC or QV data and the data will be sent to project manager for approval.
 - It is critical to enter testing data and appropriate documents in the AWP-Materials timely manner.

To implement AWP-Materials, 10 pilot projects were selected for the 2027 construction year. The 2027 Specification Reorganization Pilot Edition and AWP-Materials will be required for these contracts. A mandatory training provision will be inserted into the pilot project contracts which allows them to learn how to interpretate the 2027 Specification Reorganization Pilot Edition and how to use AASHTOWare-Materials.

If you have any questions, feel free to contact me, Erik Lyngdal at erik.lyngdal@dot.wi.gov or Paul Piccione at paul.piccione@dot.wi.gov by email.

Thank you.

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