

# **AASHTOWare Project and Field Technologies Updates**

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# AASHTOWare Project Updates



AASHTO Ware™



**PROJECT**

AASHTO Ware™



**PROJECT**

PRECONSTRUCTION

AASHTO Ware™



**PROJECT**

BIDS

AASHTO Ware™



**PROJECT**

DATA ANALYTICS

AASHTO Ware™



**PROJECT**

CONSTRUCTION & MATERIALS

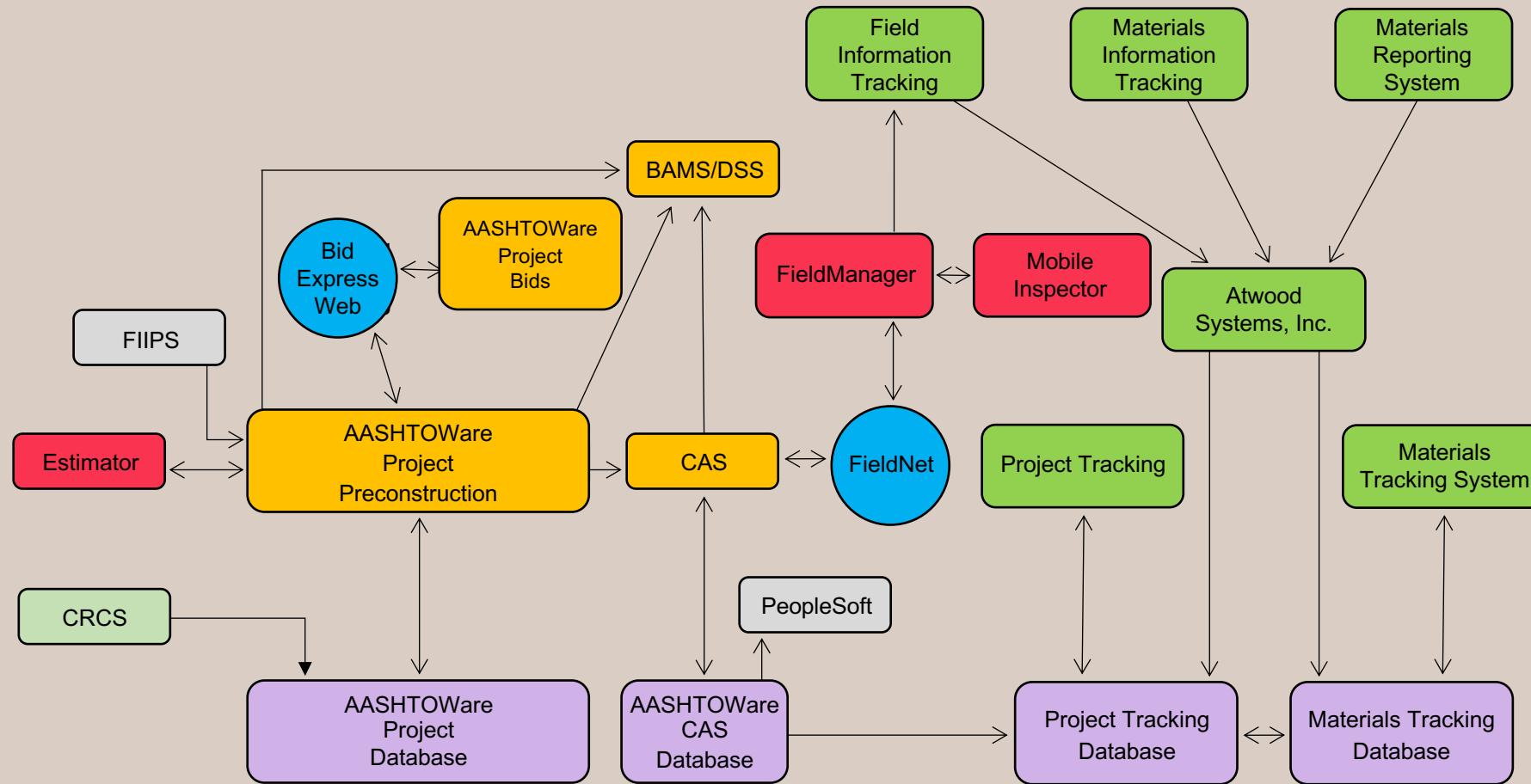
AASHTO Ware™



**PROJECT**

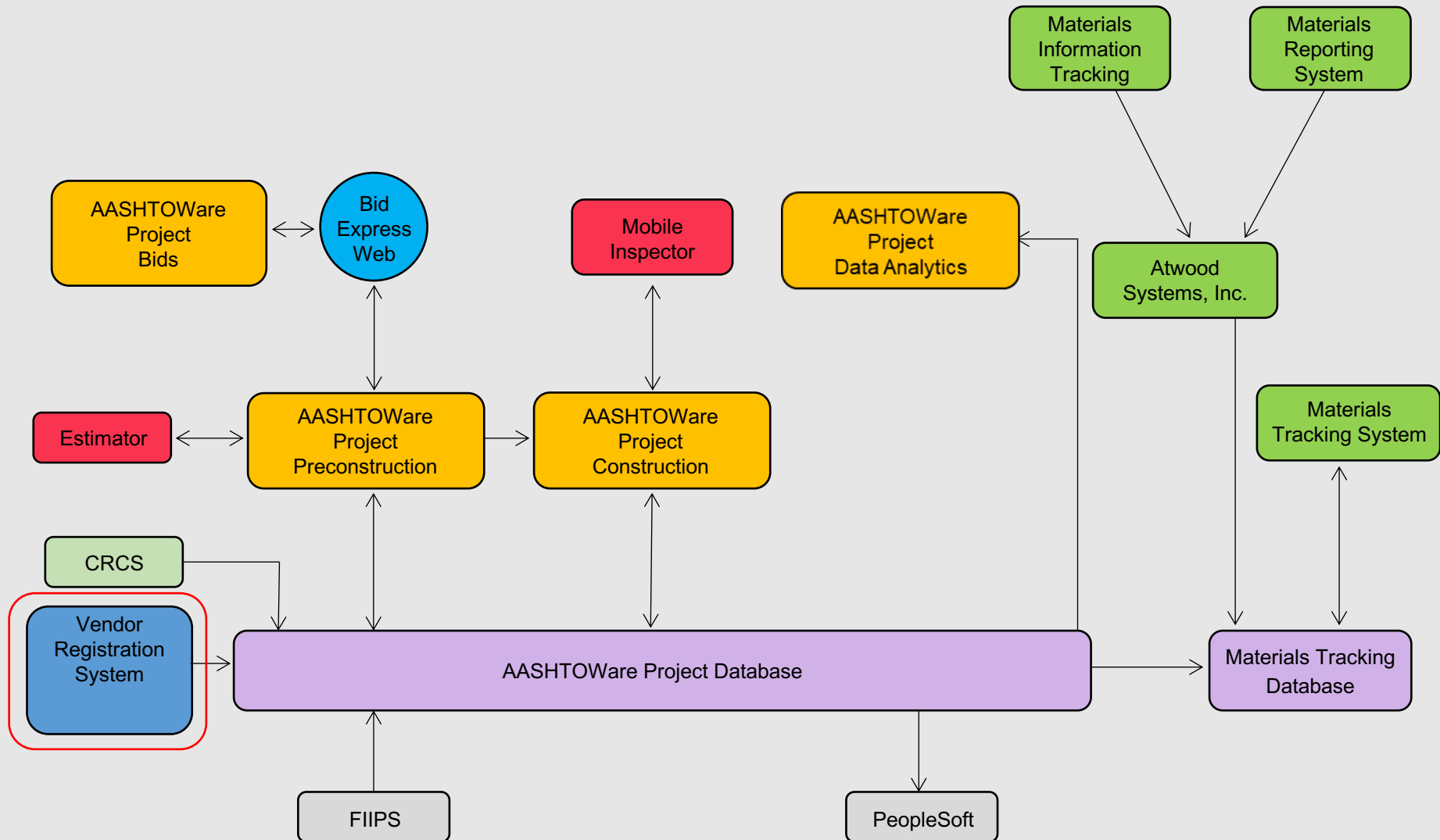
CIVIL RIGHTS & LABOR

# WisDOT Contract Management System - Past

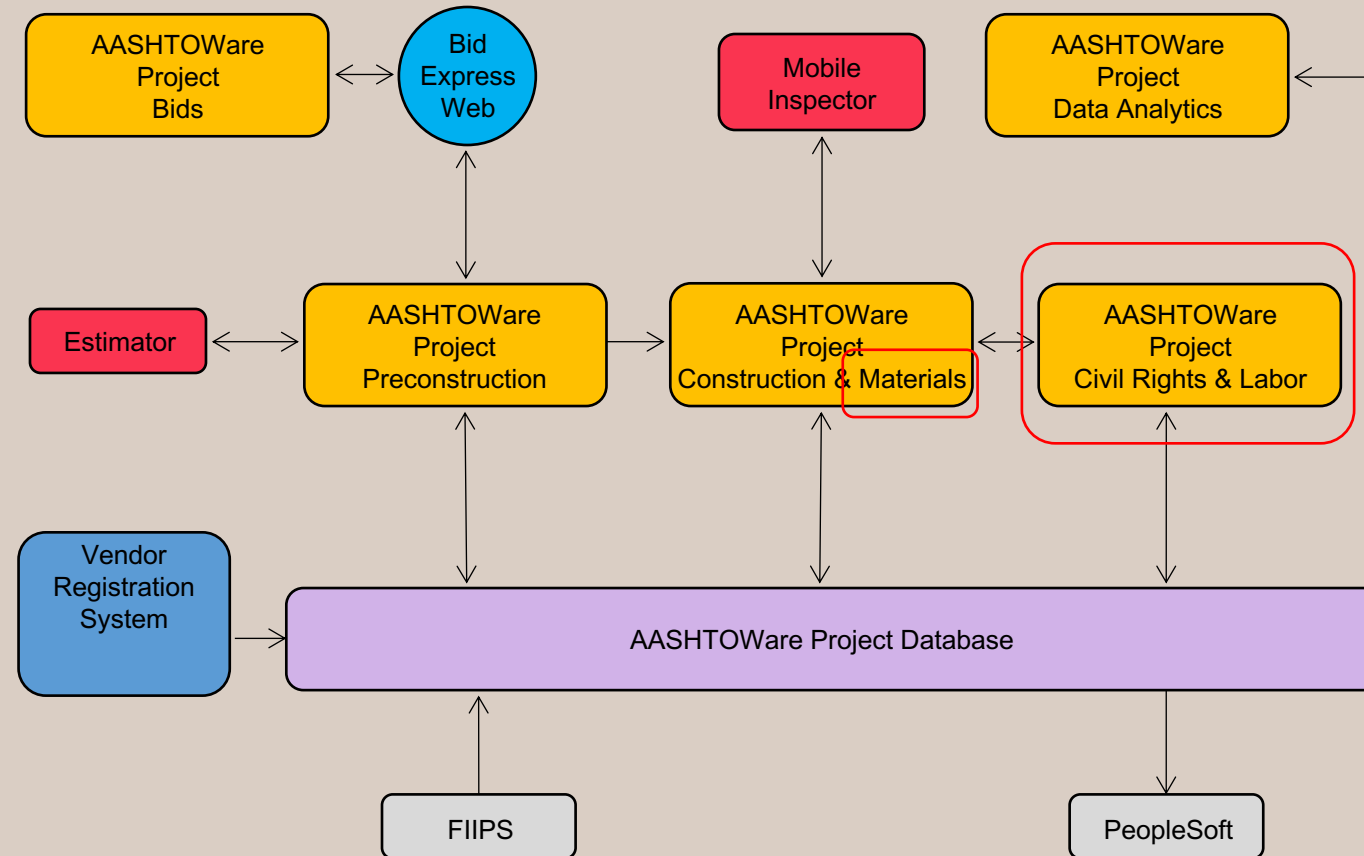


- CAS - Construction Administration System
- BAMS/DSS - Decision Support System
- FIIPS - Financial Integrated Improvement Programming System
- CRCS - Civil Rights Compliance System

# WisDOT Contract Management System – Current



# WisDOT Contract Management System – Future



# AASHTOWare Project upgrades

- Upgraded to version 5.0 in November 2023
- Upgrading to version 5.1 in Spring 2024
- Upgrading to version 5.2 in Fall 2024
- **AWP will be unavailable for all users during upgrades**
  - Typically, down after business hours Thursday evening through Friday afternoon
- **AASHTOWare Project upgrades DO NOT impact**
  - Bids
  - Data Analytics



# AASHTOWare Project (AWP) - Updates

## AWP Preconstruction

- No significant changes
- Plan to conduct training sessions on TEAMS

## AWP Bids

- Version 4.0.2.4

## AWP Data Analytics

- Full production September 2023





# AASHTOWare Project (AWP) - Updates

## AWP Construction

- Updated reports and screen configurations
- See Summary of Changes on AWPKB



## AWP Materials

- Work progressing
- Potential pilots in 2025



# AASHTOWare Project (AWP) - Updates

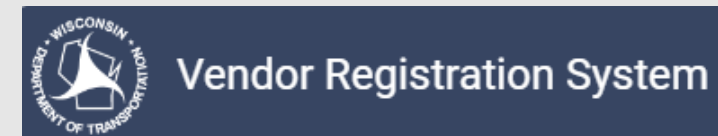
## AWP Civil Rights & Labor

- Payrolls – prime and subs from CRCS to AWP
  - Piloting Spring 2024
- Payments – managing contractor pymts in AWP
  - Early stages, more to come



## Vendor Registration System (VRS)

- NEW custom application. Replaces registration in CRCS
- ALL vendors must review and update. Assign Vendor Admin User
- Production release Q1 2024



# AASHTOWare Project (AWP) - Updates

## AWP Knowledge Base (AWPKB)

- Precon and Const docs complete
- CRL docs in progress
- Refer to Summary of Changes for updates
- New accounts - <https://2.selectsurvey.net/wisdot/TakeSurvey.aspx?SurveyID=p2LJnpmM#>
- Modify accounts - <https://2.selectsurvey.net/wisdot/TakeSurvey.aspx?SurveyID=8lLK5m53#>
- Site - <https://awpkb.dot.wi.gov/Content/Default.htm>



# Field Technologies Updates

- eTicketing – AWP/HaulHub WisDOT Portal
- Mobile Measure
  - Trimble/Mobile Measure > Mobile Inspector > AWP Const DWR
  - <https://www.infotechinc.com/trimble-partnership/>
  - **MnDOT Case Study** – [Minnesota DOT Leverages Integrated Field Tools for Seamless Digital Inspection \(youtube.com\)](#)



# Proposed Plan for eTicketing implementation

- 2023 – WisDOT encourages the use of eTicketing on projects.
  - Evaluate
- 2024 – Publish eTicketing specification.
  - Include on select projects
  - Evaluate
- 2025 - eTicketing increase the number of select.
  - Evaluate
- 2026 - eTicketing Mandatory for all projects with exception (TBD)
  - Evaluate



# 2024 Standard Specifications

- 109.1.4.3 Electronic Load Tickets.

(1) Electronic load tickets may be provided as a substitute for printed tickets. Include the information as specified in 109.1.4.2 on each electronic ticket.

(2) Automatically generate electronic tickets using a system that is fully integrated with the load-out scale system being used to weigh the material. Ensure data input cannot be altered and provide offline capabilities to prevent data loss.

(3) Provide electronic tickets in real-time by allowing the department access to the tickets utilizing a webbased or app-based system compatible with iOS and Android.

(4) Provide the capability to record information and comments on each ticket.

(5) For each project ID and bid item, submit an electronic daily summary of the individual tickets daily as work is completed. In the daily summary, include the unique information for each individual load ticket. Provide the daily summary data in an importable format, such as comma separated values (.csv).



# Applications

- WisDOT is NOT directing to use a specific software for eTicketing.
- There are multiple vendors that provide ticketing software.
- In 2024 WisDOT is piloting HaulHub to connect to any vendor software and equipment to manage e-tickets.



# What is HaulHub

- Yes, it is an eTicketing software company.
- HaulHub will allow WisDOT to create a simple connection to integrate with supplier software
- It is expected to be **versatile** to work efficiently with all construction materials types, providing a comprehensive solution to our partners
- **Consistency** for all operations, ensuring standardized processes and smoother workflows across different projects and locations
- **Flexible** for WisDOT to connect with any loadout system, allowing for efficient data exchange and collaboration, regardless of the many systems used
- HaulHub WisDOT Portal - Licensed through AASHTOWare and will connect to AWP Construction
- Free for contractors and subcontractors to use





# HaulHub

Any e-Ticketing Vendor

Any Material Type

Contract ID	Project Name	Project ID	Material	Last Modified	Batch Size
5218	470222	52700007	HaulHub DOT/Up	4/8/2023, 3:52 PM	5

Material	Material	Material	Material	Material
5200423 - 2.64-U	92003623 - 5.97-X	42200003 - 4.06-UW		

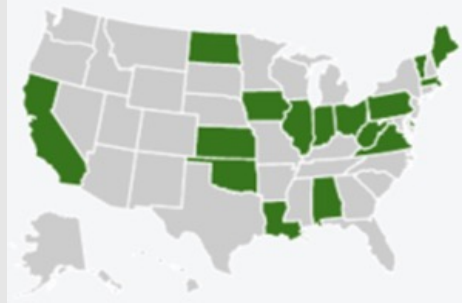
  

Material	Quantity	Material	Quantity	Material	Quantity
764	85,000 Tons	764	17,847.40 Tons	764	25,30 Tons

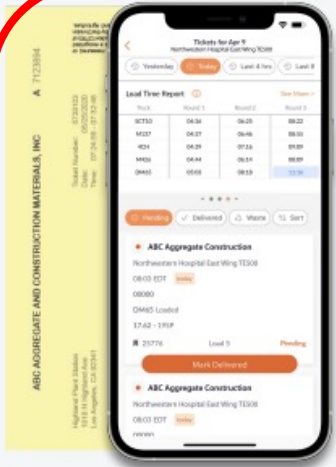
Material	State	Contractor	Supplier	Material	Quantity	Status
2242	WI	4/1/2023, 9:52 PM	HaulHub DOT/Up	5.97-X	27.20 Tons	pending
2241	WI	4/1/2023, 9:52 PM	HaulHub DOT/Up	4.06-U	17.92 Tons	pending
2240	WI	4/1/2023, 9:52 PM	HaulHub DOT/Up	2.64-U	13.90 Tons	pending

## e-Ticketing Momentum with HaulHub's Solutions



- 20 Transportation Agencies
- 350 Material Producers
- 2,750 Material Plants
- 20 Point of Sale Systems
- 56+ Million e-Tickets

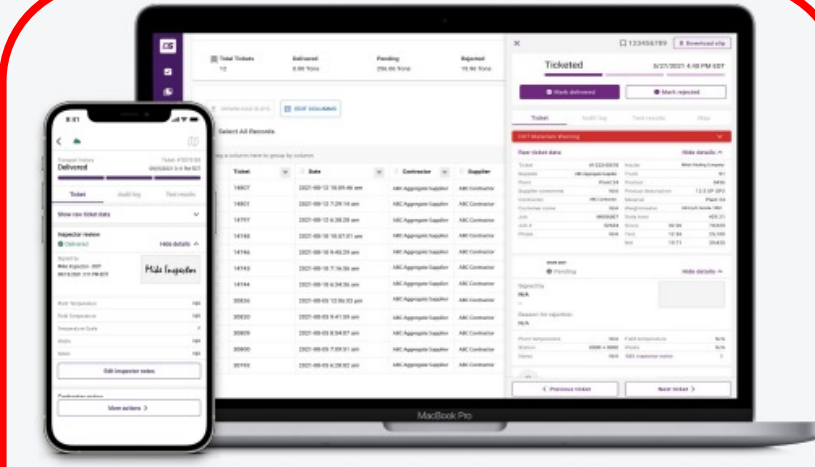
# HaulHub WisDOT Portal



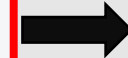
Material Producer



Contractor



Department of Transportation



AWP

Any Vendor  
eTicketing Software

HaulHub  
WisDOT Portal



# AASHTOWare Project User Accounts

To request an AWP account or modify an existing one (add roles, change address, etc.)

- **Select** AASHTOWare Project | AASHTOWare Project Accounts from the AWPKB web  
<https://awpkb.dot.wi.gov/Content/awp-sysinfo/awp-accts/app-access-appr.htm>
- **Expand** “Request and AWP account” and click on the link  
<https://2.selectsurvey.net/wisdot/TakeSurvey.aspx?SurveyID=p2LJnpmM#>

OR

- **Expand** “Modify an existing AWP account” and click on the link  
<https://2.selectsurvey.net/wisdot/TakeSurvey.aspx?SurveyID=8LK5m53#>
- **Available AWP account types:**
  - **Preconstruction**
    - Designers – Used to create Engineers Estimates
  - **Construction**
    - Project Engineer, Inspector – Used to administer construction contracts
    - Contractors – For Prime Contractors to review payment estimates and approve change orders



# AASHTOWare Project Support

- **Email the AWP Support mailbox at [AWPSupport@dot.wi.gov](mailto:AWPSupport@dot.wi.gov).**
  - Monitored daily by the AWP support team.
- **From an AWPKB web page, select <Click here to send feedback>**
  - For product and process issues and questions about the documentation.
- **Contact our support staff directly**
  - **Annette Czerneski**, System Administrator [annette.czerneski@dot.wi.gov](mailto:annette.czerneski@dot.wi.gov)
  - **Adam Bleskacek**, System Administrator [adam.bleskacek@dot.wi.gov](mailto:adam.bleskacek@dot.wi.gov)
  - **David Castleberg**, Business Administrator [david.castleberg@dot.wi.gov](mailto:david.castleberg@dot.wi.gov)



# Thank You

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