



AASHTOWare Project Updates

David Castleberg, P.E.

Design & Construction Technologies Supervisor

2022 WTBA/WisDOT Contractor Engineer Conference
January 21, 2022



AASHTOWare
ProjectTM
Bids

AASHTO

AASHTO



AASHTOWare
Project
Data Analytics

AASHTO



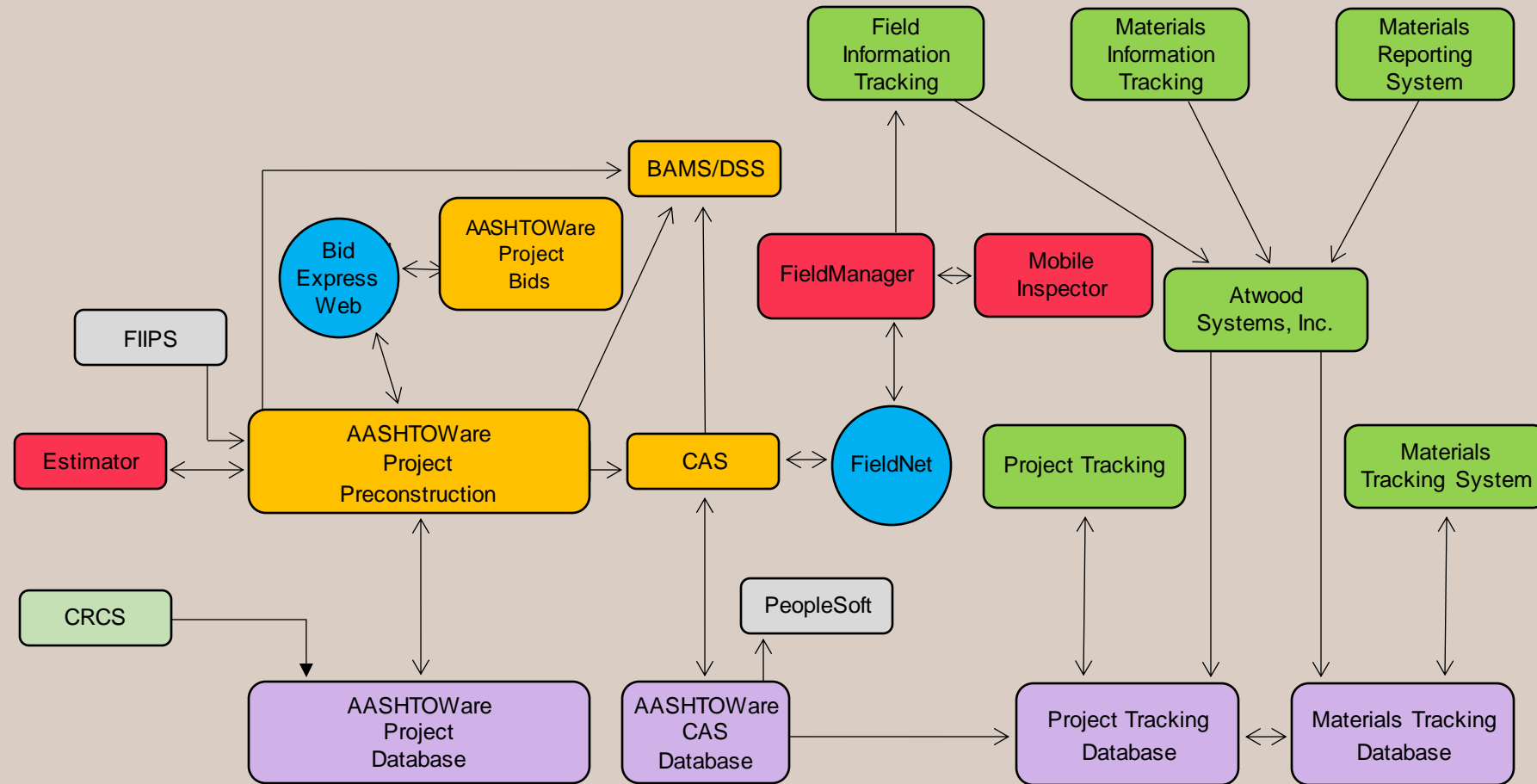
AASHTOWare Project (AWP)

Current implementation status

- **AWP Preconstruction** in production 2016.
- **AWP Bids** in production 2019.
- **AWP Construction** in production December 2020.
- **AWP Civil Rights & Labor** in configuration stage.
- **AWP Materials** implementation in progress.

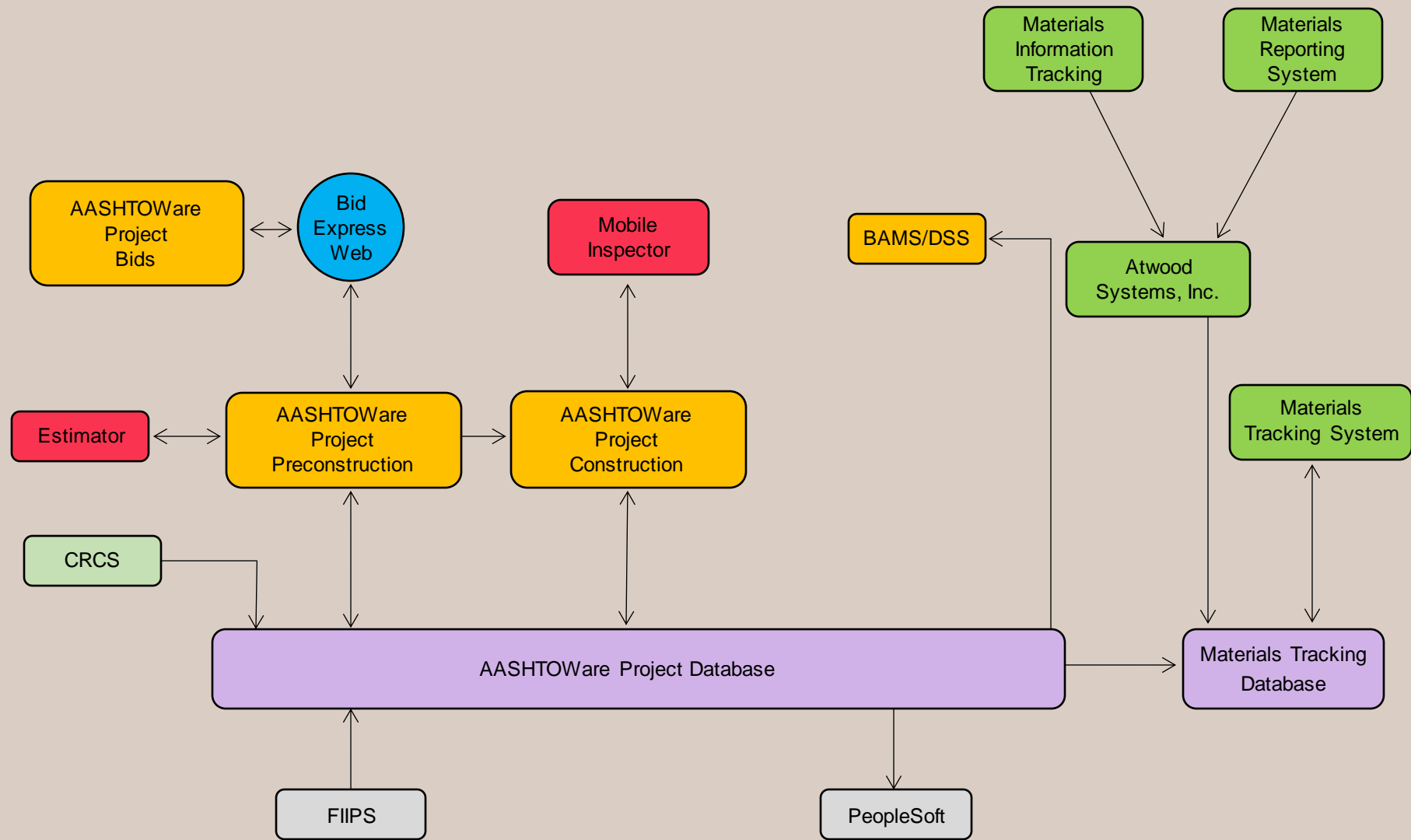


WisDOT Contract Management System - Past

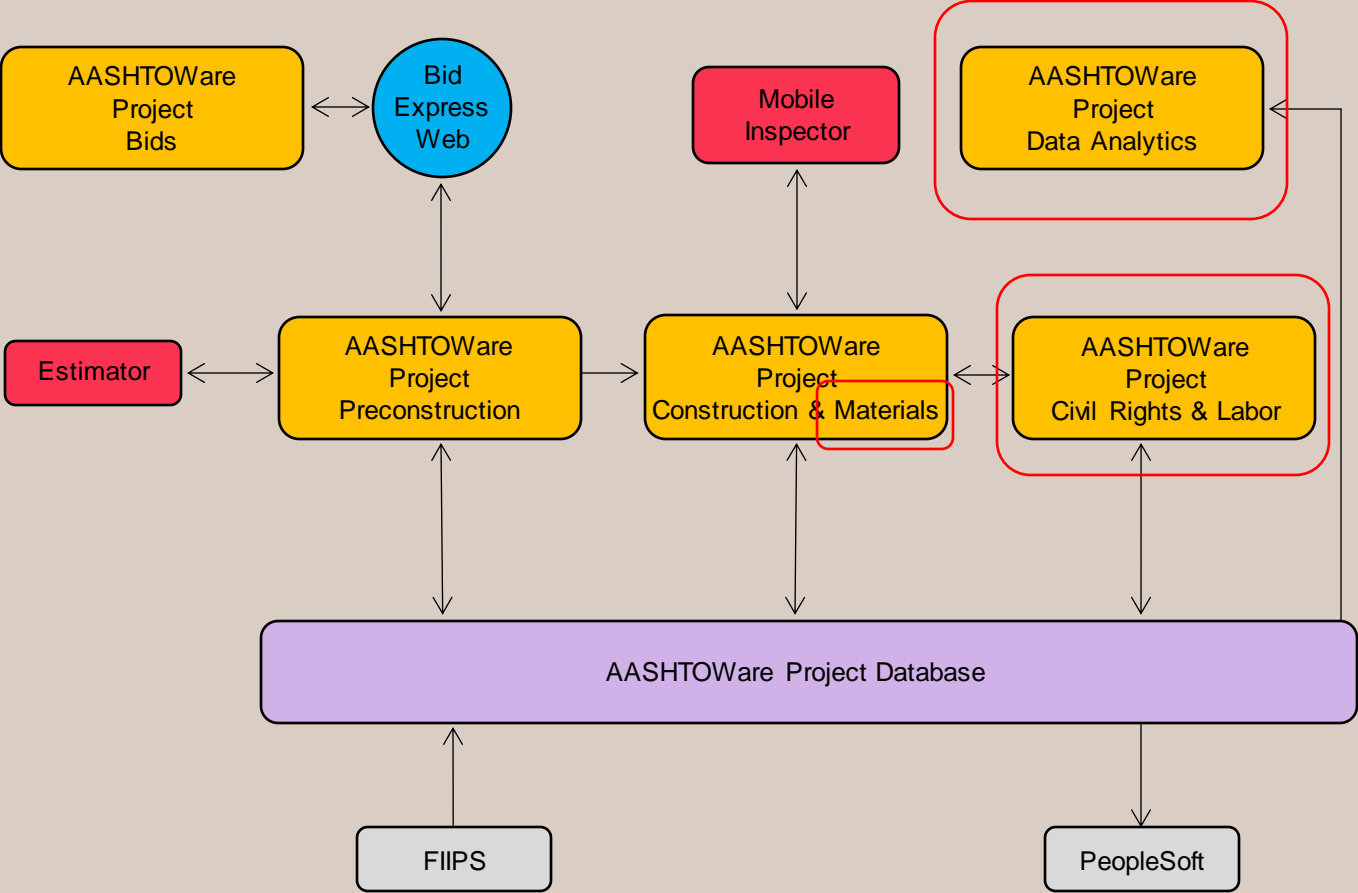


- CAS - Construction Administration System
- BAMS/DSS - Decision Support System
- FIIPS - Financial Integrated Improvement Programming System
- CRCS - Civil Rights Compliance System

WisDOT Contract Management System – Current



WisDOT Contract Management System – Future



AASHTOWare Project Preconstruction

- In Production since 2016
- Entry of Engineers Estimates
 - Interfaces with Estimator
- Processing of Bid Letting
- 2021 updates
 - training documentation revisions
 - revised several reports



AASHTOWare Project Bids

- In Production since 2019
- Contractor entry of Bids
- Version 4.0 to be released February 18, 2022



AASHTOWare Project Data Analytics

- Analyze Bid Letting
- Current upgrade project
 - WisDOT participating
 - New functionality every two weeks
 - Using in production
- Full Production in 2023



AASHTOWare Project Construction

- In production December 2020
- Contract administration: Daily Work Reports and diaries, item quantity usage, change orders, and pay estimates, subcontractors, and more
- Replaces CAS, FieldManager, FieldBook, FieldNet, Field Information Tracking and Project Tracking
- Connects to Mobile Inspector app for Daily Work Reports



AASHTOWare Project Construction – Stat That

392 – Contracts Administering

\$1.7 bil – Awarded Dollar Amount

2096 – Processed Payment Estimates

973 – Processed Change Orders

1330 – Construction Users

- 966 - WisDOT and Consultants
- 320 - Contractors
- 14 - FHWA



AASHTOWare Project Civil Rights & Labor

- Replaces Civil Rights Compliance System (CRCS)
- DBE, Trucking, OJT, Labor Compliance
- Currently entering DBE Commitment information in Production
- Pilot with Contractors in Summer 2022
 - Prompt Payment tracking
 - Payroll entry
- Production winter 2022
 - Prompt Payment tracking
 - Payroll entry



AASHTOWare Project Materials

- Tracking of material testing requirements for all contract items
- Replaces Materials Information Tracking, Materials Tracking System and Materials Reporting System
- Reorganization of Materials Specifications and CMM
- Changes in contract administration procedures
- The Materials Information Tracking system, Materials Tracking system and Materials Reporting System will continue to be used to enter materials records for all LET contract until AWP Materials is in Production.
- Tentative Production 2025





The AASHTOWare Project system is for official business use by WisDOT and authorized users only. External users of the system including contractors and consultants may not access any data unless it is directly relative to the construction projects for which they are under contract with WisDOT. Use of the AASHTOWare Project system is monitored. WisDOT will audit all data created, viewed, updated and deleted in a manner consistent with state and federal law.

For assistance, contact the WisDOT AASHTOWare Project System Administrators at AWPSupport@dot.wi.gov

Version 4.5.3 Revision 034

AASHTOWare Project™ and the AASHTOWare Project™ logo are registered trademarks of the American Association of State Highway and Transportation Officials. Copyright ©1997-2022 AASHTO.

<https://wisdot-pr-prod.infotechfl.com/Account/LogOn?ReturnUrl=%2F>



PROJECT WisDOT System Wide Admin Role

System Information

Constr Management Sys ID (CMSID)

05c108c5-6491-4d27-b78a-b5bf0f4cb710

Product Version

4.5.3 Revision 034

Database Version

4.5.034

- > System Administration
- > Preconstruction
- > Construction
- > Materials
- > Materials Worksheets
- > Estimation
- > Data Analytics

Reference Data

External Links

AASHTOWare Project Knowledge Base (AWPKB)	AWPKB
Civil 3D Knowledge Base (C3DKB)	C3DKB
Construction and Materials Manual	CMM
Facilities Development Manual	FDM
getLatLong.net	
Highway Construction Contract Information	HCCI
Highway Maintenance Manual	HMM
Standard Specifications	Spec
WisDOT Contract Administration	Contract Administration
WisDOT Roadway Standards	Roadway Standards

Civil Rights & Labor

Civil Rights & Labor Non-Agency



AASHTOWare Project Construction Roles

- Chief
- Compliance Specialist
- Contract Specialist
- Inspector
- Project Engineer
- Project Manager
- Read Only Construction
- Supervisor
- Utility Coordinator
- FHWA
- Contractors



Contractors Role and Features

- Contractors
 - This role is for contractor staff who are approving change orders and reviewing payment estimates for a specific construction contract.
 - Project Engineer grants access for Contractor users to the contract
 - Change orders are approved in the application with an electronic signature.
 - Email notification sent to ALL contractor users when it is their turn to approve a change order.
 - If contractor has multiple users, they must determine who will be the signatory. Only one can sign.



AASHTOWare Project User Accounts

To request an AWP account

Go to **Account Request, Renewal, and Approval Process** on the AASHTOWare Project Knowledge Base site

<https://awpkb.dot.wi.gov/Content/awp-sysinfo/awp-accts/app-access-appr.htm>

Follow the steps to request one.

Accounts for:

- Preconstruction
 - Designers – Engineers Estimates
- Construction
 - All Construction Roles



AASHTOWare Project Knowledge Base (AWPKB)

- Developed for users of the AASHTOWare Project™ web based applications including Preconstruction, Construction & Materials, and Civil Rights & Labor.
- Supported on multiple platforms – smartphones, tablets and computers
- Provides detailed documentation, training videos, links to external resources, announcements and a FAQ section.
- Internal search engine.
- All AWP documentation will be located on this website.
- AWPKB URL - <https://awpkb.dot.wi.gov/Content/Default.htm>





Search 

WisDOT AASHTOWare Project™ (AWP) Knowledge Base

How do I access AASHTOWare Project™?

[AASHTOWare Project™ Application](#)



[Contact AASHTOWare Project support](#)



AWPKB

Search



Account Request, Renewal, and Approval Process

AWP Contract Management »

AWP Basics »

AWP Technical Support

Introduction

Supported Operating Systems and Browsers

System Log On

System Log Off

Navigating the System

Understanding Roles

Previous Activity

Managing My Pages (favorites or bookmarks)

Online Help

Components

Working with Fields

Managing Workflow Phases

Searching, Sorting and Filtering Lists

Generating Reports

Process Status

Attachments

Knowl

New to the

[How to Create](#)

[How To Adminis](#)

[How to Administer](#)

[Contact AASH](#)





Search



- Contract Preparation (Contract Spec, Compliance Spec, BidLetContExec, ReadonlyContractors)
- Contract Setup (Project Engineer)
- Contract Progress (Project Engineer, Project Manager, Inspector, Contractors)
- Contract Finals (Project Engineer, Project Manager, Contract Spec)
- Contractor role access within AWP Construction
- Readonly Construction role access within AWP Construction
- Other Contract Administration Procedures
- Agency Views

- Automated Construction Management User Group (ACMUG) »
- Construction Software Information - Current and Future »
- How to Administer a Construction Contract »
- How to Administer a Maintenance (PbM) Contract »
- Pantry »
- Summary of Construction Changes



System Outage Notification

The AASHTOWare Project 4.4 upgrade was completed on Friday, October 16, 2020.

We do not anticipate any system outages until the next system upgrade tentatively scheduled for March 2021.



[Contact AASHTOWare Project support](#)



AASHTOWare Project Construction Training

- All documentation will be posted on the AASHTOWare Project Knowledge Base (AWPKB) site.
 - All construction staff should review the AWP Basics documentation to become familiar with the new system layout and terminology - <https://awpkb.dot.wi.gov/Content/awp-sysinfo/awp-basics/AWPBasics.htm>
 - All training material related to Contract Preparation, Contract Setup, Contract Progress (Contract Change Orders, Daily Work Reports (DWRs), Diaries, Payment Estimates), and Contract Finals can be found at <https://awpkb.dot.wi.gov/Content/constr/LETContract/HowToAdminConstrContract.htm>



AASHTOWare Project Construction Training

- For Project Engineers, Inspectors, Project Managers, and Supervisors
 - January 10 – Contract Setup
 - January 18 – Daily Work Reports (DWRs)
 - January 31 – Diaries
 - February 7 – Payment Estimates
 - February 14 – Change Orders
 - February 21 - Reports, Items, Stockpiles
 - February 28 - Other Admin Procedures
 - March 1 – Finals

- Sessions will be recorded and available for viewing on the [AWPKB Construction Training page](#).



AASHTOWare Project upgrade

- Upgrading to version 4.6.1
 - Preconstruction
 - Construction
- January 22 – 24
- AWP will be unavailable for all users
- Notice will be sent when system back on-line
- Does not impact
 - Bids
 - Data Analytics



AASHTOWare Project Support

There are multiple ways to reach out for AWP support including:

- Email the AWP Support mailbox at AWPSupport@dot.wi.gov. This mailbox is monitored daily by the AWP System Administrators.
- From an AWPKB web page, select [<Click here to send feedback>](#) if you have questions about the documentation or a new process in AWP Construction.
- Call Annette Czerneski or Adam Bleskacek, the AWP System Administrators.



David Castleberg, P.E.

Design & Construction Technologies Supervisor

david.castleberg@dot.wi.gov

(608) 264-7606

