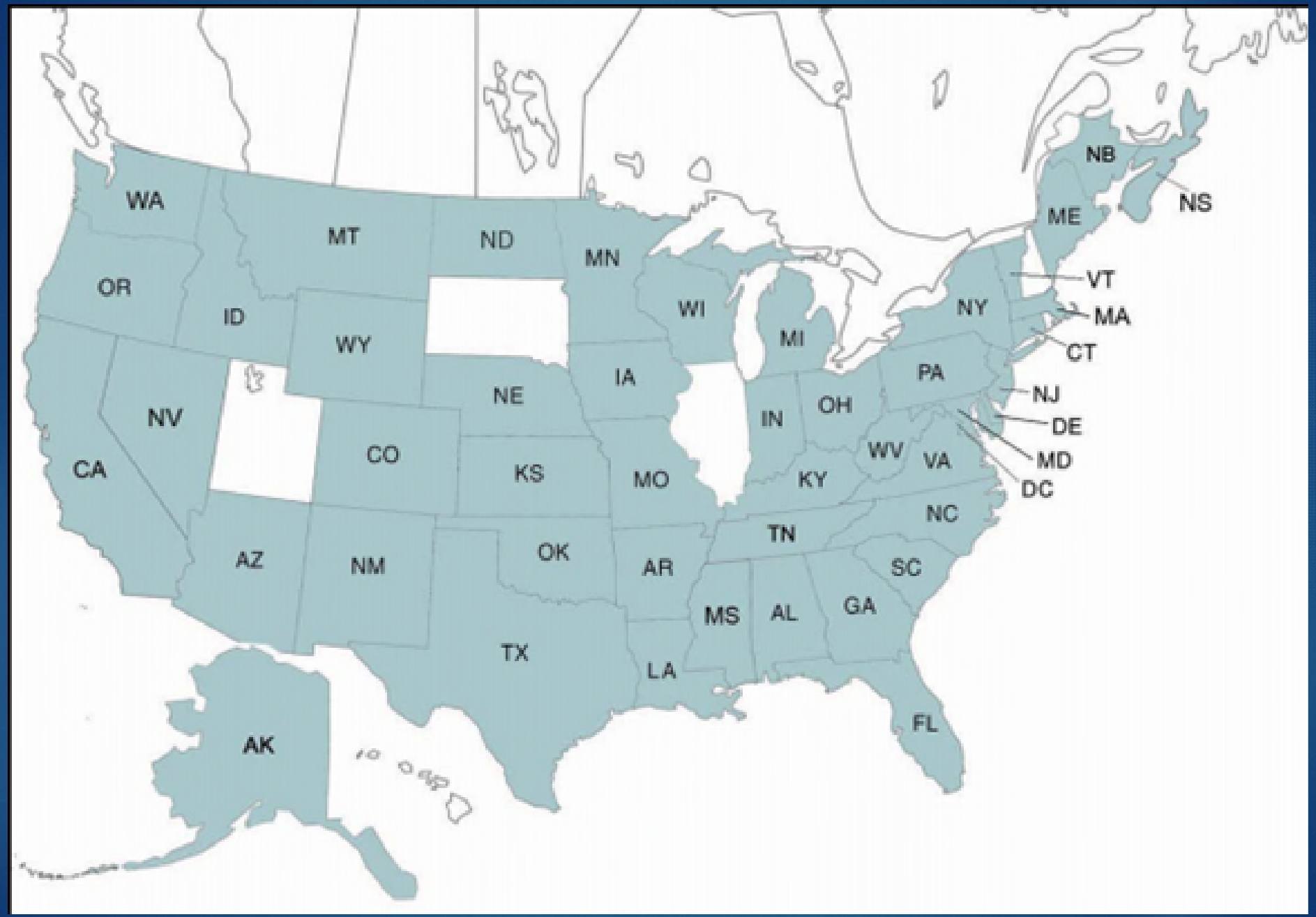
AASHTOWare Project

MITA CONFERENCE JANUARY 18TH, 2024

What is AASHTOWare Project?

- Powerful enterprise-wide software suite
- Manages entire contract and construction lifecycle
- Designed by transportation professionals for transportation professionals
- Web-based software with external access options
- Mobile Apps
- 30+ years in production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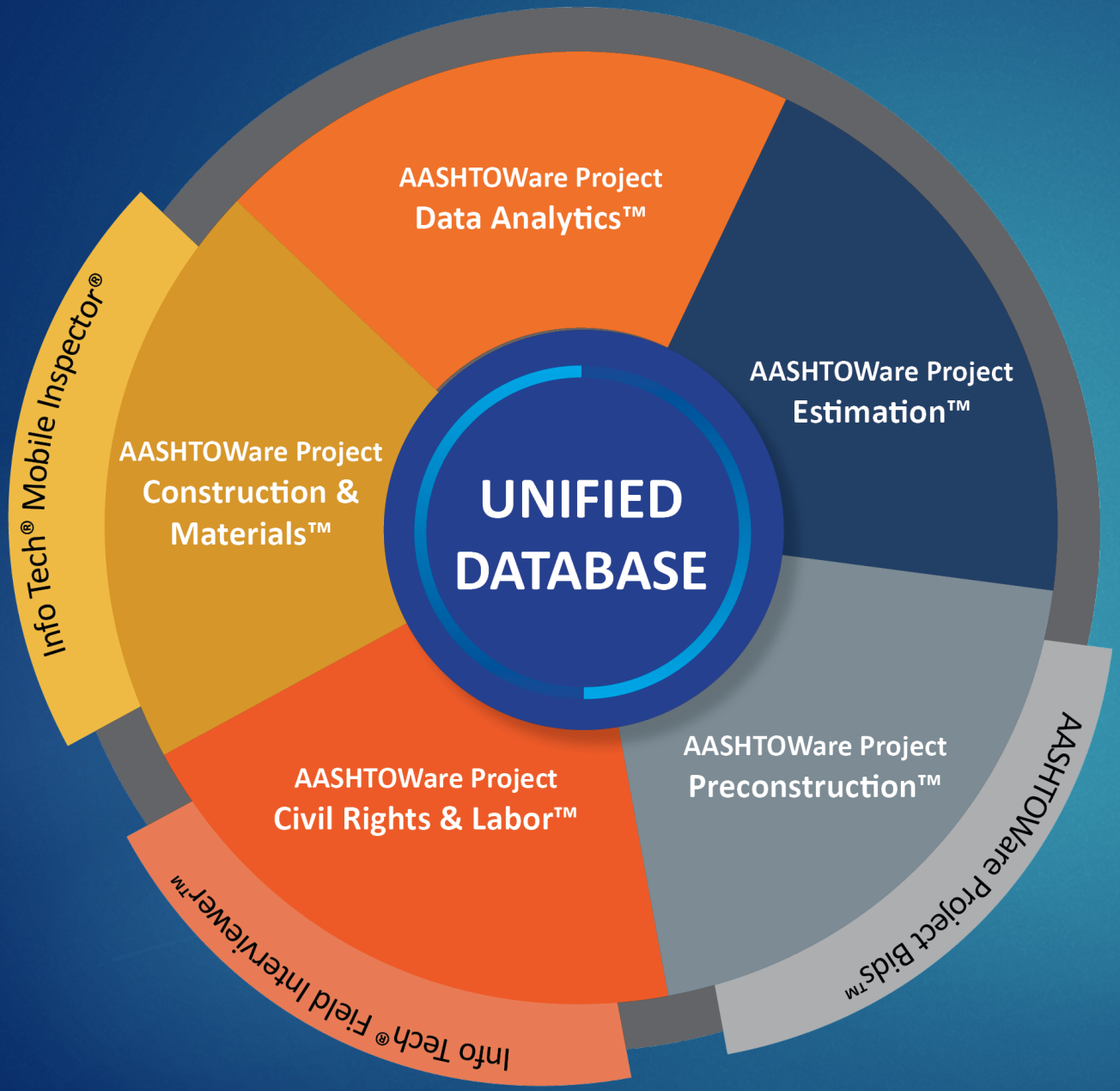


- Data stored in single location
- Single standard security modal
- Captures information at the source
- Easy reporting of information from the various modules

AASHTOWare Status Update

- Beginning February of 2020 AASHTO switched to releasing two full releases a year
- Michigan running version 4.8 - released on October 7, 2022
  - Upgraded from version 4.5
    - Version 4.6 – 44 enhancements and fixes
    - Version 4.7 – 36 enhancements and fixes
    - Version 4.8 – 32 enhancements and fixes
- Version 4.9 was released on April 10, 2023 – Skipping this release
- Version 5.00 was released fall of 2023 – MDOT will be upgrading to this release

Implementation Timeline

MICHIGAN
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION
FOR
CONSTRUCTION MANAGEMENT

a. Description. This work consists of complying with the Department's construction management processes. The Department will manage this contract using the AASHTOWare Project Construction Materials (APCM) software. Ensure all change orders are approved using APCM. No paper documents, faxes, or other methods/media are permitted for change order approvals except as allowed by this special provision or specifically approved by the Engineer.

b. Terminology. Replace the following terms in all of the contract:

- Inspector's Daily Report (IDR) replaced with Daily Work Report (DWR)
- Contract Modification replaced with Change Order
- Construction Pay Estimate Report replaced with Pay Estimate for Contractor
- Contractor's Performance Evaluation replaced with Contractor Evaluation
- Site Times replaced with Contract Times

The new terms have the same definition as the term being replaced.

c. Contractor Access to APCM. APCM access is available at no cost to all contractors associated with the project. APCM user accounts and access is granted using the State of Michigan Identity, Credential and Access Management solution, MILogin. MILogin is a web based access portal at the following website:

https://milogintp.michigan.gov

Use MILogin to submit all APCM access requests.

d. Roles and Contract Authority. Roles restrict what data each user can view and the actions they can perform in the system. Roles will be assigned at user creation through the MILogin access request process. Read only and change order approver roles are available to the Contractor. The change order approval role requires written authorization from an authorized officer of the company.

Contract authority grants the user the ability to use one of the user's roles on a specific contract. Contract authority will be granted by the Engineer at the request of the Contractor. Provide the Engineer with a list of users and the user role for this contract at the time of the preconstruction meeting.

Notify the Engineer within 24 hours of any user access changes for this contract.

e. Training. Additional documentation and training for APCM processes, details of scheduled classes and methods for requesting training are available by contacting the MDOT AASHTOWare Help Desk at 1-844-4MI-MDOT (1-844-464-6368) between the hours of 8:00 a.m.

and 4:00 p.m., Monday through Friday.

f. Technical Issue Resolution. Upon discovery of an APCM access issue the Contractor must immediately notify the Engineer and submit a notice to the e-mail resource at:

MDOT-ConstructionSoftware@michigan.gov.

g. Change Order Approvals. Ensure electronic review/approval of change orders are accomplished through APCM approval decisions and automated e-mail notifications. An approval decision is the system recorded decision entered by the user. When a change order is ready for approval, the user with authority to approve is notified by e-mail. Submit the approval decision by accessing APCM, reviewing the change order, and recording the approval decision within the system.

h. Data/File Retention. The electronic data and files stored within APCM are part of the official project documentation and will be retained per the current documentation retention schedule.

i. Measurement and Payment. The work included in this special provision will not be paid for separately and is considered to be included in other pay items of work in the contract.

APCM User Access Request Form

MDOT AASHTOWare Project Construction & Materials User Account Request Form

Please complete this form to request a user account and access to MDOT's AASHTOWare Project Construction & Materials application. This form should be completed by the user requesting access.

* Required

User Information Section

This section will help us determine your required level of access and will give us the information we need to set up your user account. Please provide the following information:

1. First Name: *

Enter your answer

2. Middle Initial:

Enter your answer

https://forms.office.com/g/C93kGcuuDB

Training

Classroom

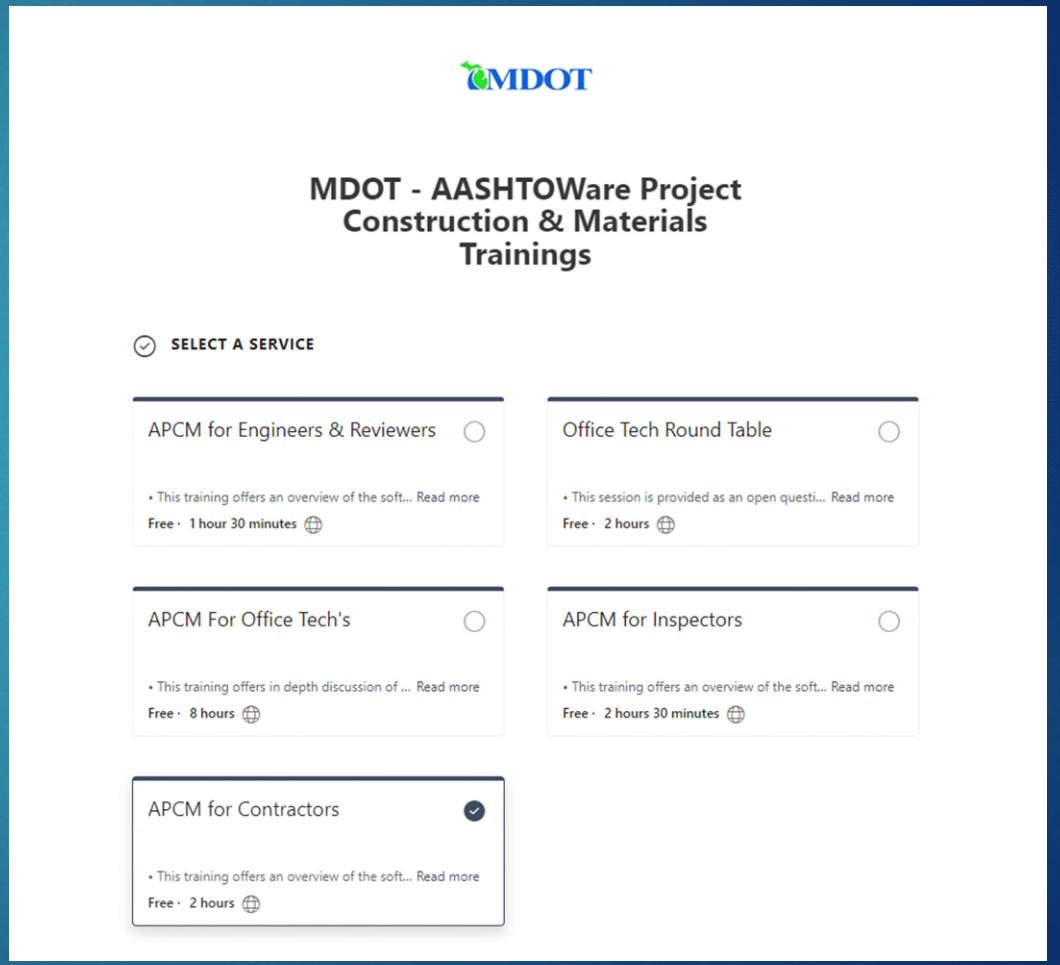
Webinar

Recorded Video

AP Wiki

Training Schedule

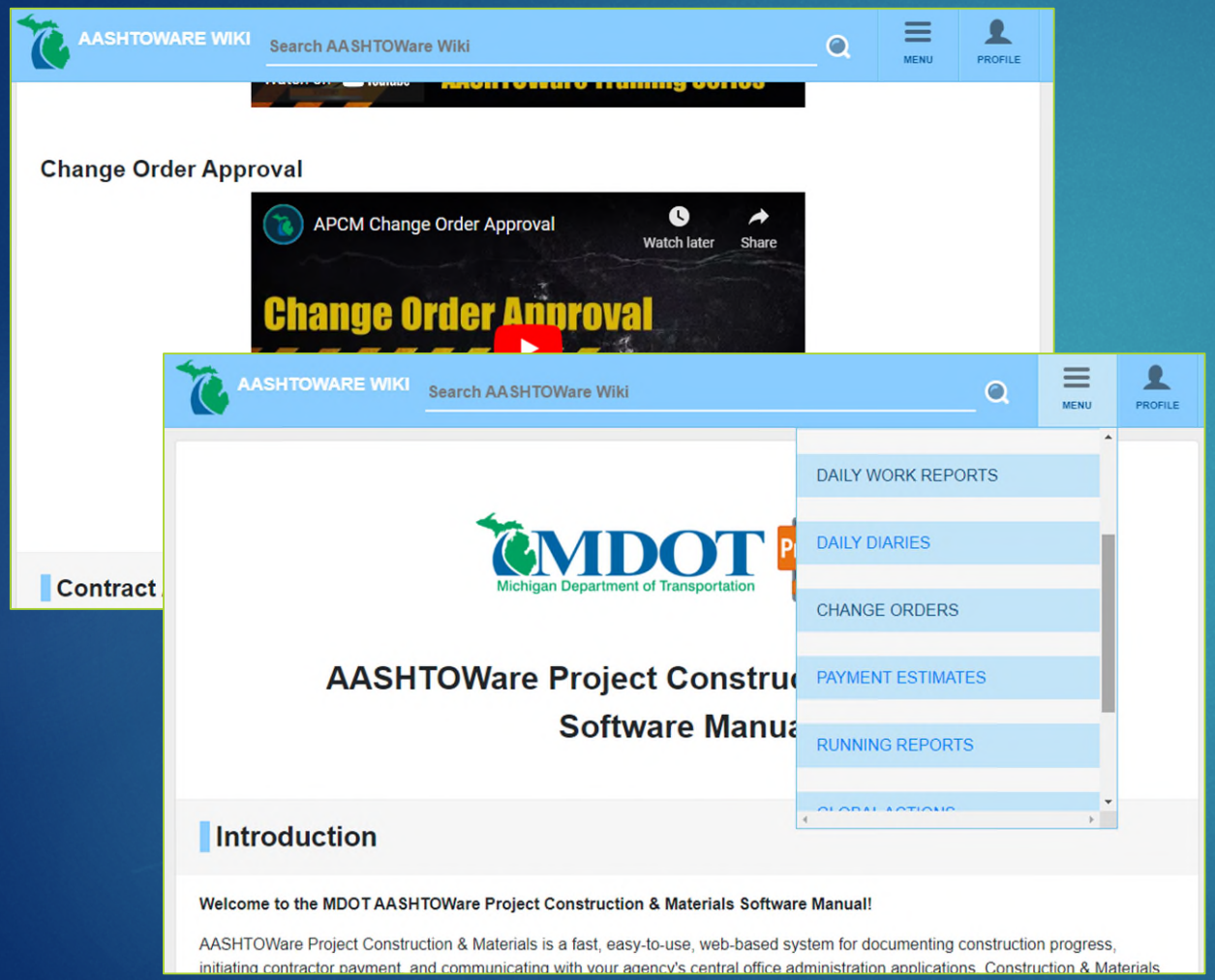
- Trainings will be scheduled regularly (like Projectwise training)
- Self-service sign up and management of bookings with Microsoft Bookings page



APCM Trainings!

https://outlook.office365.com/owa/calendar/APCMTrainings@StateofMichigan.onmicrosoft.com/bookings/

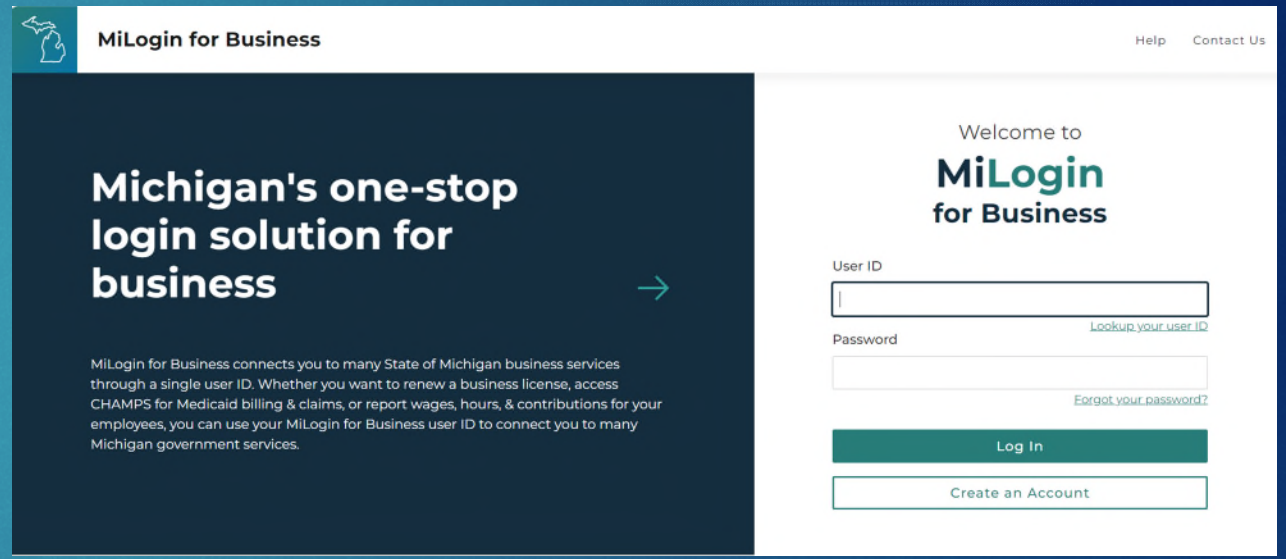
AASHTOWare Wiki



https://mdotwiki.state.mi.us/aashtoware/

What to look forward to…

- Access Via MILogin
- Live Data
  - No FieldNet IDs
  - No read only files
- Fewer PDFs and signatures
  - Daily Work Reports
  - Change Orders
  - Estimates
- Mobile Inspector!



All Unread

Search FM-APCM Notifications (Ctrl+E) | Current Folder

FROM	SUBJECT	RECEIVED	SIZE	C...
FieldManager-Admin@michigan.gov	Issue Notification	Tue 4/18/2017 3:48 PM	29 KB	
FieldManager-Admin@michigan.gov	Issue Notification	Tue 4/18/2017 2:10 PM	28 KB	
FieldManager-Admin@michigan.gov	Issue Notification	Tue 4/18/2017 11:53 AM	29 KB	

Reply Reply All Forward IM

FieldManager-Admin@michigan.gov 0 3:47 PM

Issue Notification

System Event NotifyCOApprovers: Please see message below.

Contract 01003-10100U for Change Order 0002 is ready for your approval decision. To view this Change Order, click on the link below:

https://miloginworkerqa.michigan.gov/aashtoware/#/ChangeOrder/71/Summary

Please do not respond to this message as this is from an unmonitored mailbox.

Thank You!

MDOT-CONSTRUCTIONSOFTWARE@MICHIGAN.GOV