



# AASHTOWare Project

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# E-Construction

## Paperless Construction Contract Administration

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Step 1:

Document  
Management

Doc Express

In place for 4 yrs

Step 2:

Field Tools

iPads



Step 3:

Data

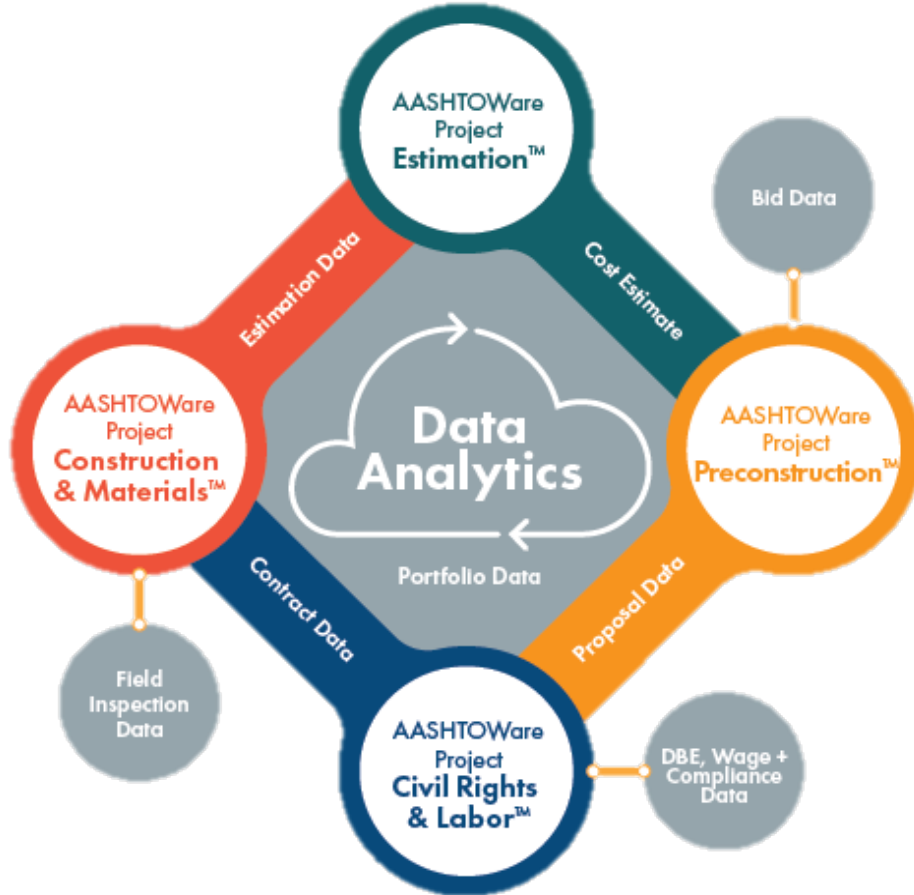
Management

AASHTOWare  
Project.

\* Final Step



# AASHTOWare Project



- Web-based enterprise system managing the entire construction contract lifecycle.
- Adding to already existing modules
- A unified database to simplify and standardize reporting
- Streamline processes “Collect once and use many”
- Remove technical debt and prepare to meet the needs of ODOT now and in the future.

# What does this mean to our Contracting Community?



- Work will happen in AWP and Doc Express
- No cost for Contractors or Consultants
- ODOT manages Access, Roles, and Permissions
- Contractor/Subcontractors/Technicians will be adding data to AWP
- Spec Changes and special provisions
- Certified Local agencies and Local Agency ODOT project work will occur in AWP
- Ensures both federal and state requirements are being followed

What is the  
impact?



- Access wherever you have internet
- **Mobile Accessibility**
  - Able to access the site using a PC, Laptop, iPad, and iPhone.
  - Allows data entry out on the site.
- **Standardization**
  - Allows the field and office to work with the same set of information in a collaborative environment.
  - Contract is electronically managed in a standardized format
- **Notifications**
  - Ready for their review, ready for their approval or approval status.
- **Electronic signature within the system**
  - No digital signatures required
- AASHTOWare will be implemented for **new projects only**. No historical data.
- User Guides and Directories provided

# What type of data will Contractor's input?

## CRL

- Certified Payrolls
- ATAR
- TPAR

\* Prime's can review data submitted by subs, contractors and technicians in AWP prior to ODOT's review.  
This includes test results.

## Construction & Materials

- Subcontracts
- Daily Source Reports (DSR)
  - Updating production QTY.
- Sample Records
  - create records and enter test data
- Submit mix designs
- Testing lab manages their own testers
  - who is allowed to test under their lab name



# AASHTOWare Project

## Where are we at today.....



Task Name	Start	Completion Date
Training Development	October 2021	July 2023
Deployment Planning	July 2022	August 2023
Est/Precon Migration & Deployed	September 2022	January 2023
<b>Pilot</b>		
CRL / C&M Pilot execution	March 2023	April 2023
Evaluation	May 2023	June 2023
<b>Go, No Go Production Ready Decision</b>	<b>June 30, 2023</b>	
Prepare Prod Environment	June 2023	July 2023
<b>Training</b>		
Train the trainer	July 2023	August 2023
JIT for ODOT	<b>September 2023</b>	
JIT for Contractors		
Deployment	<b>October 2023</b>	

# Pilot Projects

- Two Projects that are recent, but substantially complete.
- Projects contain a representative variety of items (and materials), DBE, TERO and change orders.
- Prime and subcontractor willing to participate.

## Project 1

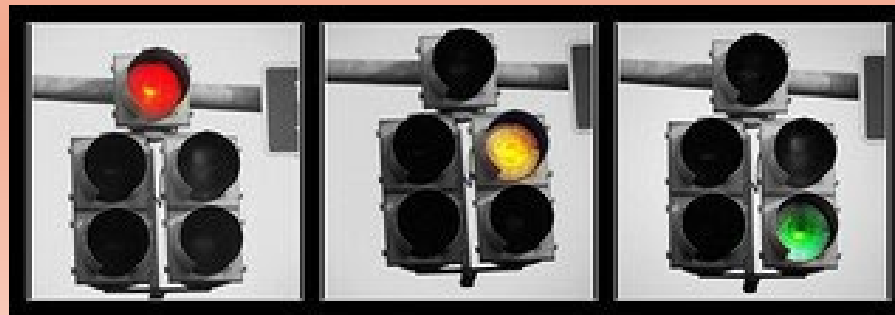
C15381: Umatilla County Curb Ramps

Resident Engineer: Consultant Consor, C-RE Bryan Strasser

## Project 2

C15236: US97: Nels Anderson Place - Romaine Village Way

Resident Engineer: Bill Martin - Bend RE Office





# What's the Training Plan?

- **System Production Ready**
- **Projects Awarded in October to have AWP Specs**
- **Training Material Finalization**
- **Schedule for Just-in-time training**
- **Trained by Role:**
  - Each role will have required and recommended classes.
- **How long will training be?**
- **Sign up in Workday**
- **New language: QRG and CBT**

**QRG = Quick Reference Guide**

**CBT= Computer Based Training**



# 10 | Contract Payments

Additional Quick Reference Guides and Computer Based Training files are available from ODOT.

## Roles:

OCR – Contract Review

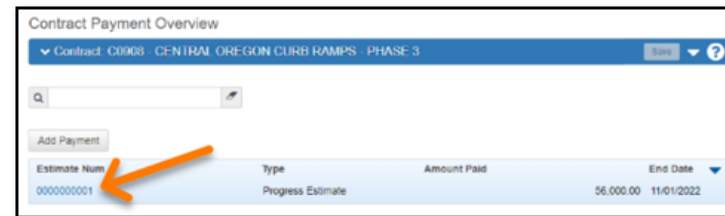
CAS - Payrolls

## Background:

- This QRG covers the tracking of contract payments from the agency to prime contractors. Contract payments are required to be recorded prior to subcontract payments being recorded.

## Viewing or Editing a Contract Payment:

1. From the **Civil Rights & Labor** component in the home screen, click the **Contracts** link.
2. Search for and select a contract.
3. Click the **Contract Payments** quick link at the top of the screen.
4. Click the **Estimate Number** link to view that estimate.
5. Make any changes to the estimate data, as necessary.
6. Click the **Save** button if you made any changes.



Estimate Num	Type	Amount Paid	End Date
0000000001	Progress Estimate	56,000.00	11/01/2022

Page 1 of 2

# Computer Based Training

- Instructor lead (virtual or in person)
- Taped training in case you missed

The screenshot shows a web-based training interface. On the left is a dark sidebar menu with the following sections: 'Introduction' (with sub-items: Compliance, Copyright, Before You Begin, Background), 'Entering Labor Compliance Data' (with sub-items: Entering Labor Compliance Data, Compliance link, Add, Compliance Type, Vendor, Contractor ID, General Date Reviewed, General Review By, Reviewed By, Save, Success!), and 'Entering CUF Data'. The main content area has a dark blue background with a road winding through a forest. The title 'Compliance' is in large teal letters. Below it, the text reads 'AASHTOWare Project Civil Rights & Labor™' and 'Oregon Department of Transportation'. A prominent orange button with the text 'START COURSE' and a right-pointing arrow is centered. In the bottom right corner, there is a logo for the Oregon Department of Transportation and navigation arrows labeled 'PREV' and 'NEXT'. The top of the interface shows 'MENU GLOSSARY NOTES' on the left, 'Compliance' in the center, and 'RESOURCES' on the right.

**MENU GLOSSARY NOTES** Compliance **RESOURCES**

- Introduction
- Entering Labor Compliance Data
    - Compliance link
    - Add
    - Compliance Type
    - Vendor
    - Contractor ID
    - General Date Reviewed
    - General Review By
    - Reviewed By
    - Save
    - Success!
  - Entering CUF Data
    - Compliance link
    - CUF tab
    - Add
    - CUF Review ID

**PROJECT Data Admin role for OCR**

On this page: System Information Civil Rights Reference Data External Links Civil Rights & Labor System Administration Preconstruction

- Civil Rights Reference Data
    - Code Tables
    - Employees
    - Ethnic Groups
    - OJT Programs
    - Vendors
  - Civil Rights & Labor
    - Contract Specific Authorities
    - Contracts
    - Payrolls
    - Unapproved Payrolls
    - Base Percent Goal
    - On the Job Trainee Goal
    - Compliance
  - System Administration
    - Agency Entities
    - Agency Options
    - Agency Views
    - BI Reports
    - BI Settings
    - Components
- System Information
    - Constr Management Sys ID (CMSID)  
4b655b7f-c1b4-4518-b108-079bb647af26
    - Product Version  
4.7 Revision 029
    - Database Version  
4.7.029
  - External Links
    - aashtowareproject.org Support Example
    - AASHTO Transportation Construction Community Support Example
  - Preconstruction
    - Projects
    - Proposals
    - Lettings

From the **Civil Rights & Labor** component, click the **Compliance** link.

< PREV NEXT >

# How do I learn more and what's in it for me (WIIFM)?

## Getting Involved

- Developing demos to share on our website and YouTube channel.
- Offering Training Meet Ups.
  - Every Six Weeks
- Volunteer as a tester!
- Volunteer to review QRG's and CBT's



**\*\*See us today in the lobby**

## WIIFM?

- Reduced number of forms needed for OCR compliance (less paperwork, yay!)
- Contractor Payments are documented and verified in a neutral site
- The QPL will become a live document, with products/systems list when approved.
- EquipmentWatch interface allows subs and Primes to enter your own equipment
- Expedited review time on Mixed Designs
- More transparency with designs that are in the system.





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