



# 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:

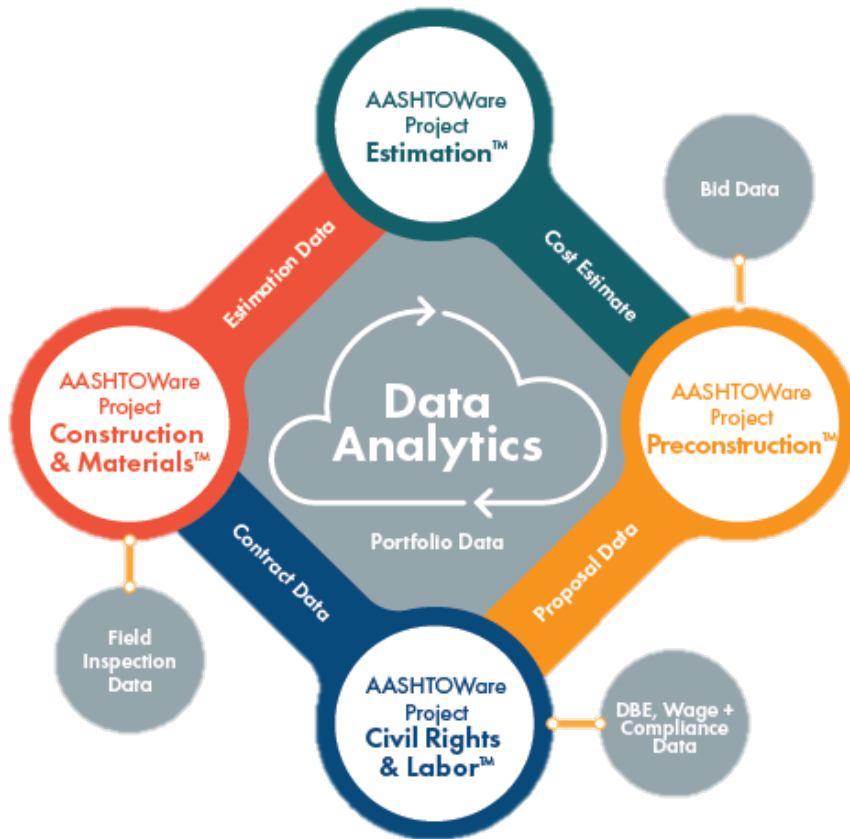
Data

Management

AASHTOWare  
Project.



# APOST= AWP One Source of Truth



- One data entry point, many uses
  - “Collect once and use many”
- A unified database to simplify and standardize reporting
- Data from Pre-construction – Final Acceptance
- Remove technical debt and prepare to meet the needs of ODOT now and in the future.

# What does this mean?



- Work will happen in AWP and Doc Express
- Contractor/Subcontractors/Technicians will be adding data to AWP
- ODOT manages Access, Roles, and Permissions
- Spec Changes and special provisions
- Certified Local agencies and Local Agency ODOT project work will occur in AWP
- Does not replace positions in the RE Office
- No cost for Contractors or Consultants
- \* Reporting ODATA – ITI tool
  - Power BI through Data Warehouse

Example: how many of this type of guard rails were used on projects in Region 3?

# What type of data will Inspectors input?

## CRL

- Field Interviews
  - Employee Interviews

## Construction & Materials

- Daily Work Report – DWR
  - (Daily Progress Report)
  - Weigh memos are attachments
  - Daily Diary
- Pay notes – generated from DWR
- Sample Tests



# What type of data will externals input?

## CRL

- ATAR
- TPAR
- Certified Payrolls

## Construction & Materials

- Subcontracts
- Daily Source Reports (DSR)
  - Updating production QTY.
  - These say how much material has been produced (primarily for aggregate)
- Submit mix designs
- Managing testing labs testers
- Sample Records - access to create records and enter test data
- Sources and source material and from the material

\*There will be the ability for Prime's to review data submitted by subs and technicians in AWP prior to ODOT's review.





# 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	January 2023	May 2023
Evaluation	May 2023	June 2023
<b>Go, No Go Production 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's willing to participate.

## **Project 1**

C15236: US97: Nels Anderson Place - Romaine Village Way

Project Type: Grading, Drainage, Structures, Paving, Curb Ramps, Signing & Signals

Location: Bend

Contractor: Knife River Corporation - NW (MDU)

Resident Engineer: Bill Martin - Bend RE Office

## **Project 2**

C15381: Umatilla County Curb Ramps

Project Type: Grading, Drainage, Structures, Paving, Curb Ramps, Signing, Signals, and Roadside Development

Location: Region 5

Contractor: Nelson Construction

Resident Engineer: Consultant Consor, C-RE Bryan Strasser –





## What comes after the pilot?

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- **Training Finalization:** We'll have had a chance to fill our test site with data and information to allow for training exercises.
- **Trained by Role:** Each role will have required and recommended classes.
- What's a QRG? Job aid, quick reference guide





# 10 | Contract Payments

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

## Roles:

OCR – Contract Review

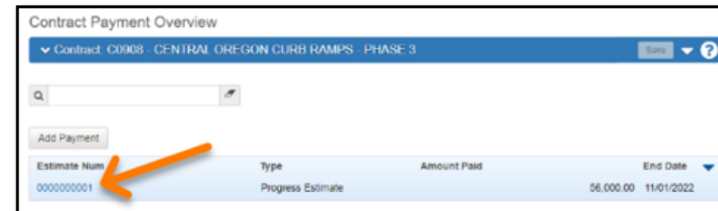
CAS - Payrolls

## 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.



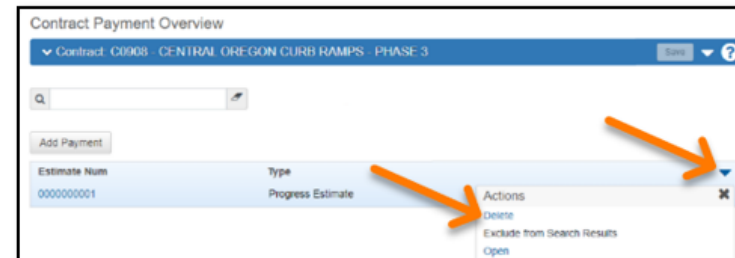
Estimate Num	Type	Amount Paid	End Date
000000001	Progress Estimate	56,000.00	11/01/2022



## 10 | Contract Payments

### Delete 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. Open the row **Actions** menu for the estimate and click **Delete**.
5. Click the **Save** button.



### Next Steps:

Once a contract payment has been recorded by ODOT staff, subcontract payments may be recorded.

# What comes after the pilot?

- What's a CBT? Used in training
  - Instructor lead (virtual or in person)
  - Taped training in case you missed

MENU GLOSSARY NOTES

Compliance

RESOURCES

**Compliance**

AASHTOWare Project Civil Rights & Labor™  
Oregon Department of Transportation

**START COURSE** →

Oregon Department of Transportation

Introduction

- Compliance ✓
- Copyright
- Before You Begin
- Background

Entering Labor Compliance Data

- 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

ENTERING CUF DATA

PREV NEXT

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

Home Previous My Pages Actions Help Log off

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

### PROJECT Data Admin role for OCR

- 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

- Introduction
- Entering Labor Compliance Data
  - 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
  - Entering CUF Data
  - Compliance link
  - CUF tab
  - Add
  - CUF Review ID

## What comes after the pilot?

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CBT example: **Compliance CBT**

QRG example: **<https://docexpress.com/documents/2360491>**

## What can you learn before the pilot?

Training Meet-Up on Wednesday, Oct. 26 from 10-11 am.

**Copying a Daily Work Record (DWR) & Submitting a DWR for Approval**





### ODOT Construction Functionality

## Copying a Daily Work Report (DWR) & Submitting a Daily Work Report for Approval

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### Description

Daily Work Reports (DWRs) are created to document the work that is performed daily on a contract. These are similar to ODOT's General Daily Progress Reports with a touch of Field Inspection Reports and Paynotes added. The information recorded in a DWR is based on actual activity, not planned activity, and is essential for the administration of a contract.

If you are adding a DWR that is similar to another DWR already in the system, you can save the time it would take to enter all the DWR information by creating a copy of the existing DWR and then making any minor changes required.

Once a DWR is complete, you can submit it for approval. To submit a DWR for approval, it must have a status of Draft. The system will change the DWR status to Pending Approval.

### Instructions for Copying a DWR

**Navigation:** Construction > Daily Work Reports

1. Click the **Home** drop-down arrow and select the ODOT SYSWIDE role.
2. Select the **Contract** you wish to work in by searching by Contract number or selecting **Show first 10**.
3. Click the row **Actions** menu for the DWR you wish to Copy and select the **Copy** action.
4. When the copied report populates, click **Save**.
5. Enter the new information for this DWR.
6. Click the **Save** button.



# Demo





How do I to  
get involved  
and  
what's in it  
for me  
(WIIFM)?

## Getting Involved

- Offering Training Meet Ups.
  - Every Six Weeks
  - 4 new lessons, one for each subject (CRL, Con, Mat and Global).
- Invite project team to join your crew meetings to share information.
- Volunteer as a tester!
- Say “yes” to the pilot

## WIIFM?

- Early adopter
- Be the one setting the pace

# Upcoming Presentations

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- 02/02/23 - Annual RE Meeting February 2nd
- 02/03/23 - AGC Meeting
- 02/14-16 - QCCS Workshop CCBI
- 03/2/23 - CAU workshop sessions
- 04/06/23 - CAU Workshop sessions



# AASHTOWare Project

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# Q&A

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