



Construction Stockpiles

AASHTOWare Project Construction and Materials™
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Introduction

AASHTOWare Project™ (AWP) is a web-based program consisting of several modules designed to electronically allow the SCDOT to manage the entire lifecycle of construction contracts using a standardized format while providing a collaborative environment.

AASHTOWare Project Construction and Materials™ (PrCM) is a module designed to support the complete construction and materials management process.

Construction Stockpiles

A Construction Stockpile is a payment advanced to the contractor to store or purchase material in bulk quantity. The percentage paid for each type of stockpile and the storage location is outlined in the Standard Specifications. After a Construction Stockpile is created, the entire initial payment will be paid to the contractor on the next estimate as a system generated line item adjustment. This stockpile balance is then recovered on each estimate when the contract item is installed and paid for as a negative system generated line item adjustment. Before the end of the contract, the item is to be paid in full and the stockpile balance should be zero.

Roles that can create a Construction Stockpile:

- PROJ ENG
- ARCE
- RCE

Adding a Stockpile

Ensure your active role has permissions to create a Construction Stockpile and you have contract authority for the contract.

1. From the Home Screen, click the **Contract Progress** link.

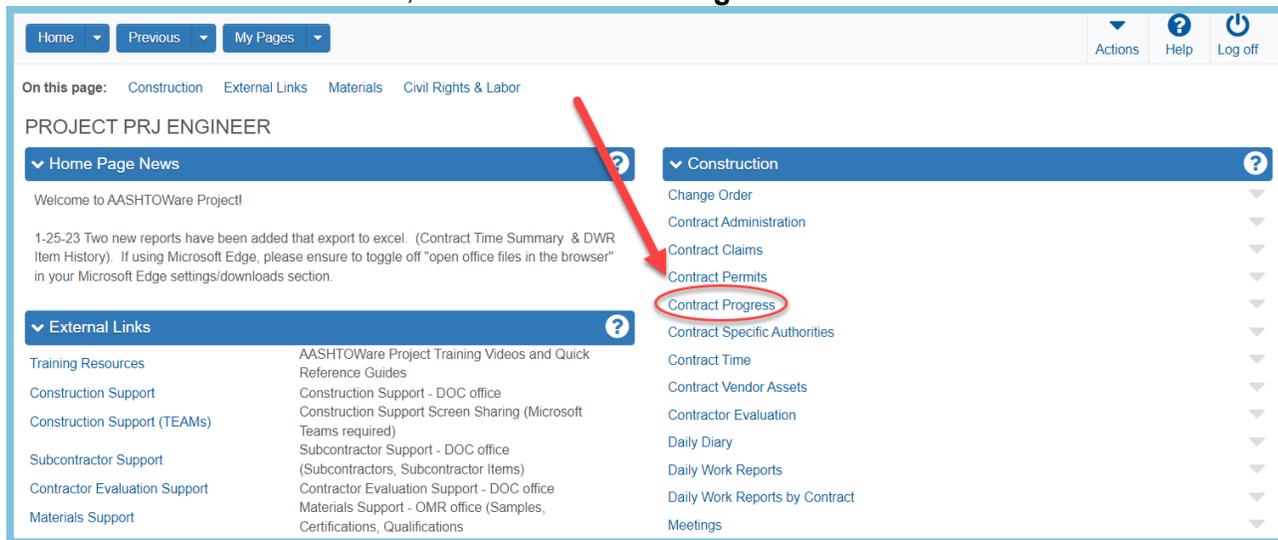


Figure 1 - Contract Progress

2. Locate the contract that requires a Construction Stockpile
3. Click the Contract link.

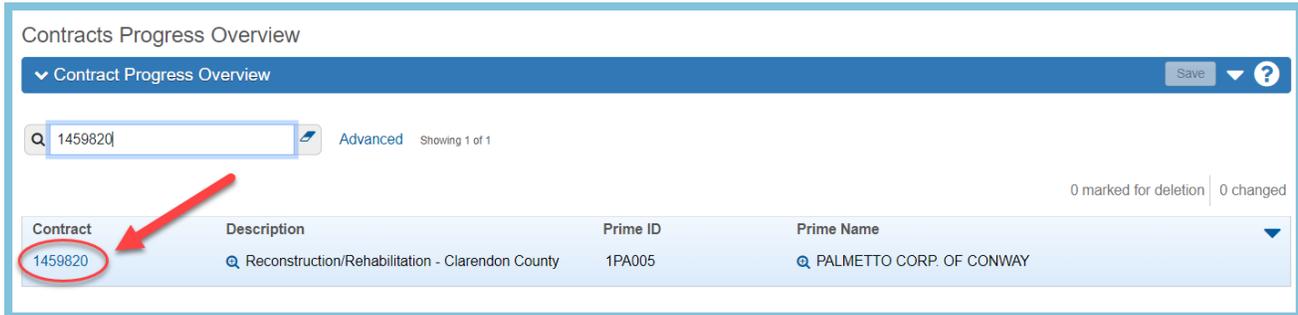


Figure 2 - Contract Link

4. Click the Construction Stockpile quick link.

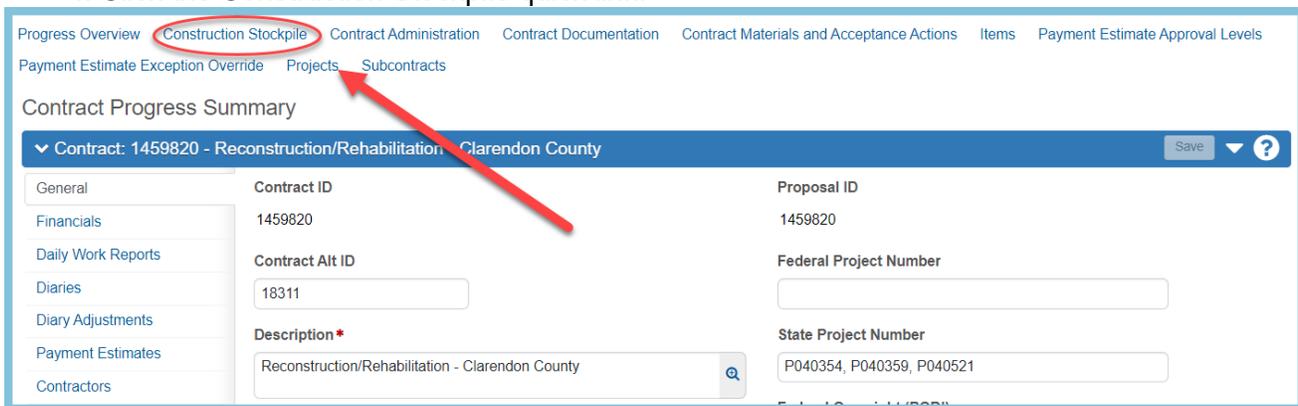


Figure 3 - Construction Stockpile

5. Click the Component Action Menu
6. Select **Add**.



Figure 4 - Add Stockpile

7. Enter information into the fields and click **Save**.

- *Item Code*
- *Description*
- *Item Recovery Percentage* – This field determines how fast the system recovers the stockpile initial payment as items are installed. When the entered percentage matches the percentage of the item installed, the stockpile balance will be 0. It is recommended to not set this percentage at 100 as an item underrun would mean that the contractor owes money at the end of the contract.
- *Recovery Date* - This date is when the system starts to recover the stockpile balance when DWR Postings are created

Figure 5 - Add Stockpile

Deleting a Stockpile

If a Stockpile has not been included in a Payment Estimate, It can be deleted by:

1. Clicking the Row Action Menu.
2. Select Delete.
3. Click **Save**.

Constr Stockpile ID	Descr	Item	Status	Constr Stockpile Amt
0008	0460 MGS3 GR STANDARD SHOUL	0460 - 8052100 - MGS3 GR STANDARD SHOI	Open	0.00
Balance	Total Recovery Amt	Current Recovery Amt	Prev Approved Recover...	Item Recovery Pct*
	0.00	0.00	0.00	0.00

Figure 6 - Deleting Stockpile



Stockpile Transactions

Add a Transaction

- In the New Construction Stockpile Section, enter information in the following fields.
 - Comments
 - Invoice Number
 - Invoice Date
 - Transaction Date
 - Transaction Type – Should be set to STMI (Stockpile Initial Payment)
 - Invoice Quantity
 - Invoice Description

Figure 7 - Stockpile Transaction

- The “Project Item Distribution” details the stockpile payment to the contractor. Enter information in the following fields
 - Item – Select the Item and Project/Category
 - Invoice Amount – Enter the invoice amount supplied by the Contractor
 - Actual Pay Amount – Enter the Actual Pay Amount based on the Standard Specifications. (this will be the initial stockpile payment)
- Click **Save**.

Figure 8 - Project Item Distribution

**If multiple projects utilize the stockpiled material, split the entries across Projects / Categories accordingly.*

Delete a Transaction

A transaction can be deleted if it is not yet included in a Payment Estimate.

1. Click the Row Action Menu.
2. Select Delete.
3. Click **Save**.

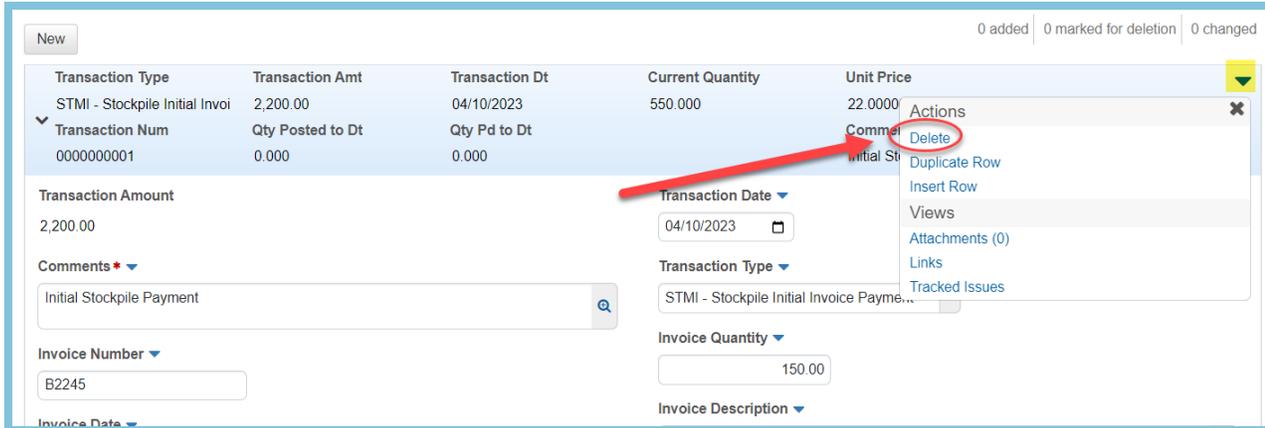


Figure 9 - Delete Transaction

Construction Stockpiles and Recovery

Once the stockpile is created, the initial stockpile payment will be issued to the contractor on the next estimate as a system generated line item adjustment.

After the Recovery Date, when associated stockpiled items are installed, there will be a negative system generated line item adjustment on the Payment Estimate.

Replenishing a Construction Stockpile

If additional quantities of the same stockpiled material need to be entered, **DO NOT** create an additional stockpile. The original stockpile must be replenished.

1. Open the original stockpile
2. Click “New” under the transaction type
3. Fill in the required information as previously entered
4. Set the transaction type to STMA (Stockpile Adjustment)
5. Click **Save**.

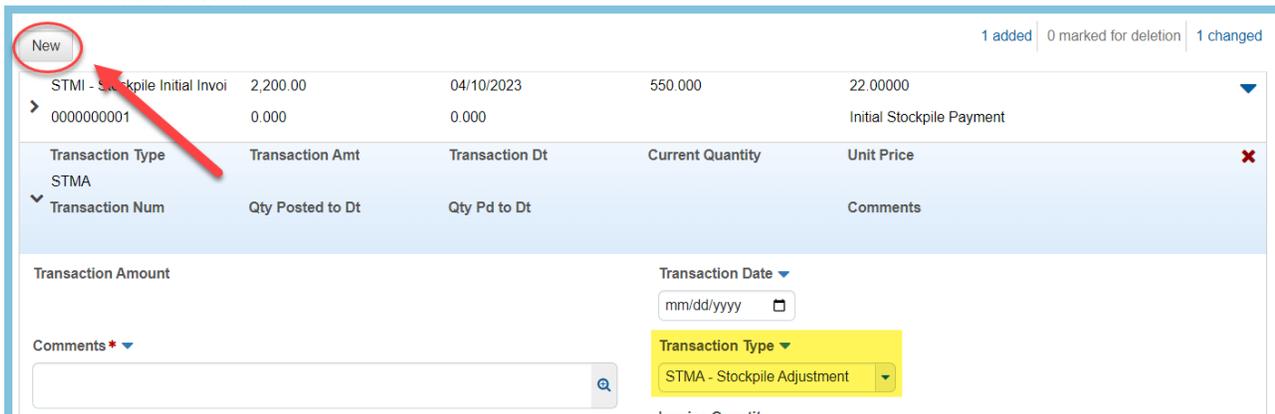


Figure 10 – Replenish Stockpile

Close a Construction Stockpile

A stockpile can be closed once it has been included in a payment estimate. If it has never been included in a payment estimate, it should be deleted. The balance of a stockpile **MUST** be zero before the system will allow the closure of a stockpile

To manually close a Construction Stockpile without a zero balance:

1. Open the original stockpile.
2. Create a new transaction.
3. Set the transaction type to STMC (Stockpile Closure).
4. Enter a negative amount to remove the remaining stockpile balance.
5. Click **Save**.
6. Click the Component Action Menu and select Close Stockpile.

The screenshot shows the 'Construction Stockpile Summary' page for Contract 1459820. The stockpile ID is 0008, and the description is '0460 MGS3 GR STANDARD SHOULDER'. The balance is 0.00. The 'Actions' menu is open, and 'Close Stockpile' is circled in red. A red arrow points from the 'Close Stockpile' option back to the 'Status' field.

Figure 11 - Close a Construction Stockpile

Construction Stockpile Review

A list of Construction Stockpile transactions is available.

1. Select the Construction Stockpile Review quick link.

The screenshot shows the navigation menu with 'Construction Stockpile Review' circled in red. A red arrow points from the 'Construction Stockpile Review' link to the 'Construction Stockpile Summary' page below.

Figure 12 - Construction Stockpile Review Link

The screenshot shows the 'Construction Stockpile Review' page for Contract 1459820. It displays a table of transactions with columns for Item ID, Description, Item ID, Description, Item ID, and Amount. The table shows four rows of transactions, each with a 'Pre-MASH W-Beam Strong Pos' and 'STMI - Stockpile Initial Invoice F' entry.

Item ID	Description	Item ID	Description	Item ID	Amount
0001	Pre-MASH W-Beam Strong Pos	0420 - 8051050 - PREMASH W	0300 - P040354 - 1	17,825.00	
> 0001	STMI - Stockpile Initial Invoice F	Stockpile	3,875.00	13,950.00	
0001	Pre-MASH W-Beam Strong Pos	0420 - 8051050 - PREMASH W	0390 - P040359 - 1	17,825.00	
> 0001	STMI - Stockpile Initial Invoice F	Stockpile	11,625.00	13,950.00	
0001	Pre-MASH W-Beam Strong Pos	0420 - 8051050 - PREMASH W	0320 - P040521 - 1	17,825.00	
> 0001	STMI - Stockpile Initial Invoice F	Stockpile	2,325.00	13,950.00	

Figure 13 - Construction Stockpile Review



Stockpile Summary Report

This report can be accessed from the Component Action Menu while viewing a stockpile and details the transactions of that particular stockpile. A more detailed report can be created from the Global Actions menu that will allow you to select more than one stockpile.

Construction Stockpile Summary

Contract: 1459820 - Reconstruction/Rehabilitation - Clarendon County

Construction Stockpile ID	Status	Actions Add New Close Stockpile Views Attachments (0) Issues Links Reports Stockpile Summary Report
0008	Active	
Description *	Construction Stockpile Amount	
0460 MGS3 GR STANDARD SHOULDER	0.00	
Item ID	Balance	
0460 - 8052100 - MGS3 GR STANDARD SHOULDER	0.00	
Item Recovery Percentage *	Total Recovery Amount	
75.00	0.00	

Figure 14 - Construction Stockpile Summary Report

SCDOT South Carolina Department of Transportation 4/11/2023

Stockpile Summary Report Report v1

Contract: 1459820, Reconstruction/Rehabilitation - Clarendon County Stockpile Amount: \$0.00

Item Description: MGS3 GR STANDARD SHOULDER Stockpile Remaining Amount: \$0.00

Suppl. Description: Project: P040521 Current Item Recovery Percentage: 75

Item ID: 8052100 Category: 1 Stockpile ID: 0008

Contract Line: 0460 Project Line: 0350 Stockpile Description: 0460 MGS3 GR STANDARD SHOULDER

Transaction Type	Invoice Number	Invoice Date	Transaction Amount	Invoice Description	Entered By	Recovery Pct	Transaction Date	Est. Num	Vch. Num	Remaining Amount
Stockpile Closure			-\$2,200.00		Travis Driggers	75	4/10/2023	0005	0005	\$0.00
Comments: test										
Stockpile Initial Invoice Payment	B2245	1/9/2023	\$2,200.00	Initial Stockpile Payment	Travis Driggers	75	4/10/2023	0005	0005	\$0.00
Comments: Initial Stockpile Payment										
Contract Project Item Stockpile Remaining Amount:										\$0.00

Contract: 1459820 Page: 1 of 1

Figure 15 - Construction Stockpile Summary Report



Need Support?

*For all AASHTOWare Project
related support, please contact:*

Construction Support

AWPConstSupport@scdot.org

Materials Support

AWPMaterialsSupport@scdot.org

Additional Support

For training and additional resources please visit

<https://www.scdot.org/business/aashtowareproject.aspx>



South Carolina Department of Transportation