



South Carolina Department of Transportation

# **Construction Stockpile**

AASHTOWare Project Construction and Materials™ rev. April 2023

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# Introduction

AASHTOWare Project<sup>M</sup> (*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  $\mathbb{M}$  (*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.

Home 👻 Previous 👻 My F	Pages 👻		Actions	Pelp	U Log off
On this page: Construction Extern	al Links Materials Civil Rights & Labor				
PROJECT PRJ ENGINEER	र 🔪				
✓ Home Page News	<b>(</b>	✓ Construction			?
Welcome to AASHTOWare Project!		Change Order			-
	ded that survey the survey (Ocentra d Tara Ocenaria) A DWD	Contract Administration			-
1-25-23 Two new reports have been at Item History). If using Microsoft Edge,	please ensure to toggle off "open office files in the browser"	Contract Claims			-
in your Microsoft Edge settings/downlo	ads section.	Contract Permits			-
		Contract Progress			-
✓ External Links	?	Contract Specific Authorities			-
Training Resources	AASHTOWare Project Training Videos and Quick	Contract Time			-
Construction Support	Construction Support - DOC office	Contract Vendor Assets			-
Construction Support (TEAMs)	Construction Support Screen Sharing (Microsoft	Contractor Evaluation			-
	leams required) Subcontractor Support - DOC office	Daily Diary			-
Subcontractor Support	(Subcontractors, Subcontractor Items)	Daily Work Reports			-
Contractor Evaluation Support	Contractor Evaluation Support - DOC office Materials Support - OMR office (Samples	Daily Work Reports by Contract			-
Materials Support	Certifications, Qualifications	Meetings			-

Figure 1 - Contract Progress





#### 2. Locate the contract that requires a Construction Stockpile

#### 3. Click the Contract link.

Contracts Progress	Overview				
✓ Contract Progress O	verview			Save 🔻 ?	
Q       1459820       Image: Contract of the second					
Contract	Description	Prime ID	Prime Name	•	
1459820	Q Reconstruction/Rehabilitation - Clarendon County	1PA005	Q PALMETTO CORP. OF CONWAY		

Figure 2 - Contract Link

#### 4. Click the Construction Stockpile quick link.

Progress Overview Construction	n Stockpile Contract Administration Contract Documentation	Contract Materials an	nd Acceptance Actions	Items Payment Estimate A	pproval Levels				
Payment Estimate Exception Override Projects Subcontracts									
Contract Progress Sur	nmary								
✓ Contract: 1459820 - Re	construction/Rehabilitation Clarendon County				Save 🔻 ?				
General	Contract ID	Propo	osal ID						
Financials	1459820	14598	320						
Daily Work Reports	Contract Alt ID	Feder	al Project Number						
Diaries	18311								
Diary Adjustments	Description*	State	Project Number						
Payment Estimates	Reconstruction/Rehabilitation - Clarendon County	P040	0354, P040359, P040521						
Contractors		<b>u</b>							

Figure 3 - Construction Stockpile

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

Construction Stockpile Overview	_
✓ Contract: 1459820 - Reconstruction/Rehabilitation - Clarendon County	Save 🔽 🖓
Q Type search criteria or press Enter Advanced	Actions X Add Views
Enter search criteria above to see results or Show first 10	SCDOT Contract Limit Percentage hanged SCDOT Insurance & Bonding SCDOT SCEIS Codes

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

Ad	nstruction Stockpile
~	act: 1459820 - Reconstruction/Rehabilitation - Clarendon County Save 🗸 🖓
Iten	
Q	00
	GS3 GR STANDARD SHOULDER
Des	)*
04	3 GR STANDARD SHOULDER
Iten	ery Percentage*
	75.00
Rec	)ate
04	

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.

Construction Stock	cpile Overview				
✓ Contract: 1459820	- Reconstruction/Rehabilitat	ion - Clarendon County		Sa	we 🔻 ?
Q 0008	Advanced	Showing 1 of 1		0 marked for deleti	on 0 changed
Constr Stockpile ID	Descr	Item	Status	Constr Stockpile Amt	
0008	0460 MGS3 GR STANDARD	6HOUL 0460 - 8052100 - MGS3 GR	STANDARD SHOL Open	Actions	×
Balance	Total Recovery Amt	Current Recovery Amt Prev App	proved Recover Item Recovery Pct*	Delete	
0.0	0.00	0.00	0.00 7	Exclude from Search Results	
				Open	
				Views	
				Attachments (0)	
				LINKS Tracked Issues	
				Paparta	
				Steelmile Summers Deport	
				Stockpile Summary Report	

Figure 6 - Deleting Stockpile





# **Stockpile Transactions**

#### Add a Transaction

- 1. 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

Transaction Type STMI Y Transaction Num	Transaction Amt Qty Posted to Dt	Transaction Dt 2023-04-10 Qty Pd to Dt		Current Quantity	Unit Price Comments Initial Stockpile Payment	×
Transaction Amount				Transaction Date        04/10/2023		
Initial Stockpile Payment			Q	STMI - Stockpile Initial Inv	voice Payment	
B2245 Invoice Date ↓ 04/07/2023				550.00 Invoice Description  Initial Stockpile Payment		Q

Figure 7 - Stockpile Transaction

- 2. 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)
- 3. Click Save.

ltem *	Invoice Amount	Actual Pay Amount*	Fund Package ID	Fund Package Description	
0350 - P040521 - 1 🔹	2,200.00	2,200.00	01	PROJECT FUND PACKAGE	۵
•					

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.

New						0 added	0 marked for deletion	0 changed
Transaction Type	Transaction Amt	Transaction Dt	(	Current Quantity	Unit Price	9		-
STMI - Stockpile Initial Invoi	2,200.00	04/10/2023		550.000	22.0000	Actions		×
Transaction Num	Qty Posted to Dt	Qty Pd to Dt			Comme	Delete		
000000001	0.000	0.000			Initial Ste	Duplicate Row		
Transaction Amount			-	Transaction Date -		Insert Row		
3 200 00				04/10/2022		Views		
2,200.00				04/10/2023		Attachments (0)		
Comments * 🔻				Transaction Type 🔻		Links		
Initial Stockpile Payment			Q	STMI - Stockpile Initial Invoid	ce Payme.	Tracked Issues		
Invoice Number				Invoice Quantity 🔻				
				150.00				
BZ245				Inveice Description -				
Invoice Date 👻								

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.

New				1 added 0 marked for deletion 1 changed
STMI - S. skpile Initial Invoi	2,200.00	04/10/2023	550.000	22.00000
> 000000001	0.000	0.000		Initial Stockpile Payment
Transaction Type	Transaction Amt	Transaction Dt	Current Quantity	Unit Price X
STMA				
Transaction Num	Qty Posted to Dt	Qty Pd to Dt		Comments
Transaction Amount			Transaction Date 🔻	
			mm/dd/yyyy	
Comments * 🔻			Transaction Type 🔻	
		Q	STMA - Stockpile Adjustme	nt 💌

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.

Construction Stockpile Summary			
✓ Contract: 1459820 - Reconstruction/Rehabilitation - Clarendon	County		Save 🔽 ?
Construction Stockpile ID	Status	Actions	×
0008	Active	Add New	
Description*	Construction Stockpile A	Close Stockpile Wiews	
0460 MGS3 GR STANDARD SHOULDER	0.00	Attachments (0)	
Item ID	Balance	Issues	
	0.00	Links	
0460 - 8052100 - MGS3 GR STANDARD SHOULDER	0.00	Reports	
Item Recovery Percentage *	Total Recovery Amount	Stockpile Summary Report	
75.00	0.00		

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.

Home		1	▼ Actions	<b>?</b> Help	U Log off
Construction Stockpile Overview Construction Stockpile Review Contract Administration Contracts Items Projects Subcontracts Construction Stockpile Summary	Contract Documentation	Contract Materials and Acceptance Actions	Cont	ract Prog	ress
✓ Contract: 1459820 - Reconstruction/Rehabilitation - Clarendon County				Save	- ?
Construction Stockpile ID	Status				
0008	Active				

Figure 12 - Construction Stockpile Review Link

Со	nstruction Stockp	ile Review				
~	Contract: 1459820 - I	Reconstruction/Rehabilitation	- Clarendon County			?
٩	Type search criteria or pr	ess Enter  Advanced sho	wing 24 of 24			0 changed
	2224	B 140011111B 01 D		0000 50/005/ /	17 005 00	o changed
	0001	Pre-MASH W-Beam Strong Pos	0420 - 8051050 - PREMASH W	0300 - P040354 - 1	17,825.00	•
1	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 Country	ty	Save 🔽 🖓
Construction Stockpile ID	Status	Actions 🗶
0008	Active	Add New
Description *	Construction Stockpile Amo	Close Stockpile
0460 MGS3 GR STANDARD SHOULDER	0.00	Attachments (0)
Item ID 0460 - 8052100 - MGS3 GR STANDARD SHOULDER	Balance 0.00	Issues Links Reports
Item Recovery Percentage * 75.00	Total Recovery Amount	Stockpile Summary Report

Figure 14 - Construction Stockpile Summary Report

South Carolina Department	t of Transportation			Stockpile Summa	ry Report					Report v1
Contract: 145982	20, Reconstr	uction/Rehat	ilitation - Claren	don County	Stor	ckpile Am	ount: \$0.00			
tem Description	: MGS3 GR	STANDARD	SHOULDER		Stor	ckpile Rer	naining Amou	nt: \$0.0	0	
Suppl. Description: Project: P040521		ject: P040521	Current Item Recovery Percentage: 75							
Item ID: 8052100		Category: 1		Sto	ckpile ID:	8000				
Contract Line: 0460				ject Line: 0350	Stockpile Description: 0460 MGS3 GR STANDAF SHOULDER				NDARD	
Stockpile Trans	sactions									
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: te	est									
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: In	nitial Stockpil	le Payment								
					Contract Project Item Stockpile Remaining Amount:					\$0.00

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



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