AWP – Materials for Construction

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c.304 549 2017

Overview

- PowerPoint that hits the points of the agenda
 - Examples
 - Available for Download
- Live Example

Base Assumptions





You can do an Item Posting (training guides on this from Contract Admin)

You've used AWP on a project in some capacity.



Materials – for Non-Materials Folks

- · All a matter of "locks and "keys"
- You need to have the right "key" for the "lock"
- Some materials have multiple locks, requiring multiple keys.
- If have you the wrong key, the lock doesn't open
- If you have a lock that you don't need, you (District Materials) need to remove it.



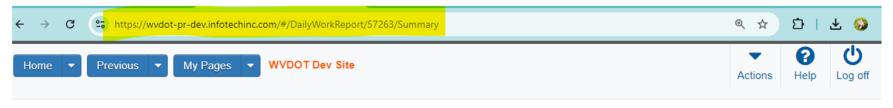
Number 1 rule of AWP Questions

When asking a question, always lead with the link...

When submitting something for review...lead with the link....

For every webpage that isn't a generated report

- · Dear Dan,
 - I am having issues with this DWR. Here is the link:
 - https://wvdot-pr-dev.infotechinc.com/#/DailyWorkReport/57263/\$ummary
 - Yours Truly,
 - Rob at District 1



Administration Overview Daily Work Reports Contract Administration Contract Daily Work Reports Contract Materials and Acceptance Actions Contract Progress
Find Sample Items Payment Estimate Subcontracts

Contract Daily Work Report Summary



Material Set?



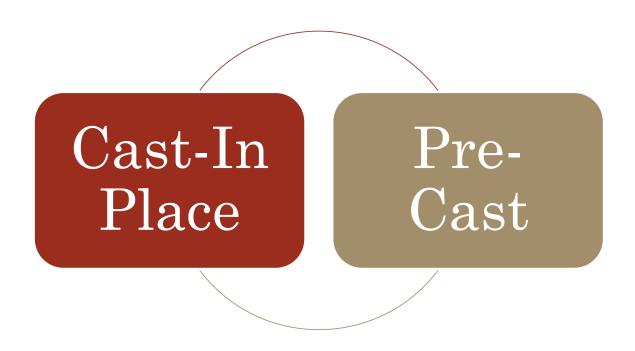
Is just that. A set of materials



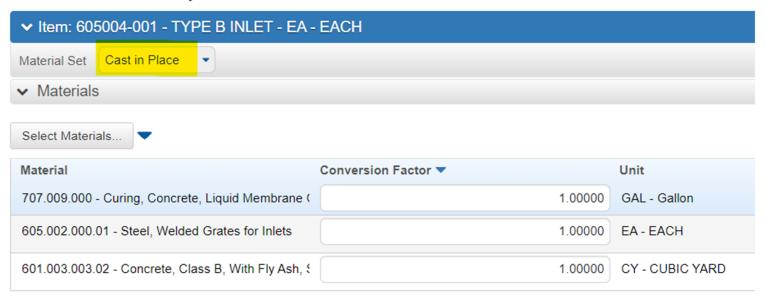
Why?

In some cases, there are two or more paths for an Item.

Example: Type B Inlet



Material Set Summary



Cast-In-Place

Material Set Summary



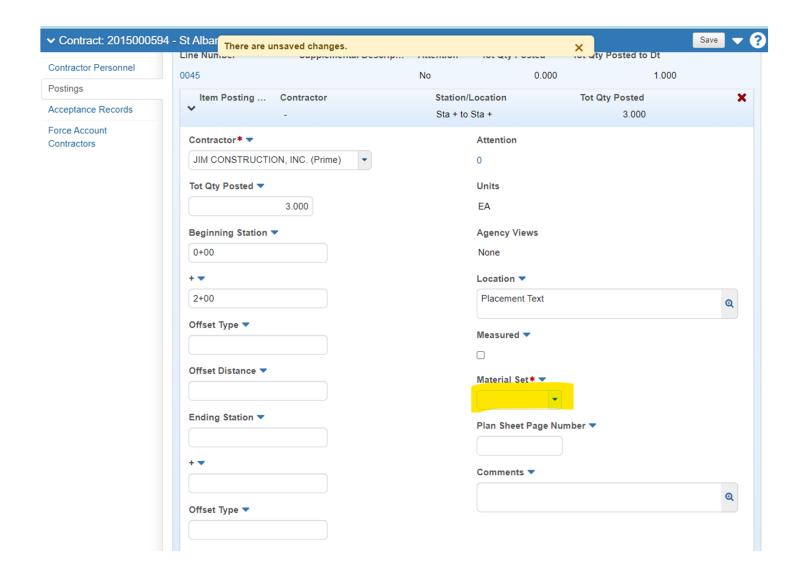
Pre-Cast

How do you post?

- On the posting, you need to select the applicable material set.
- 1st Easy Example
- Entire Project is Pre-Cast

Create a DWR as Normal (not shown)

- On the item posting, select the appropriate Material Set
- For Items with only 1 Material Set (most items) this is auto populated.
- If you try to save without a Material Set, you get an error.



Error: No rows saved; detected rows with errors. Please review messages below.



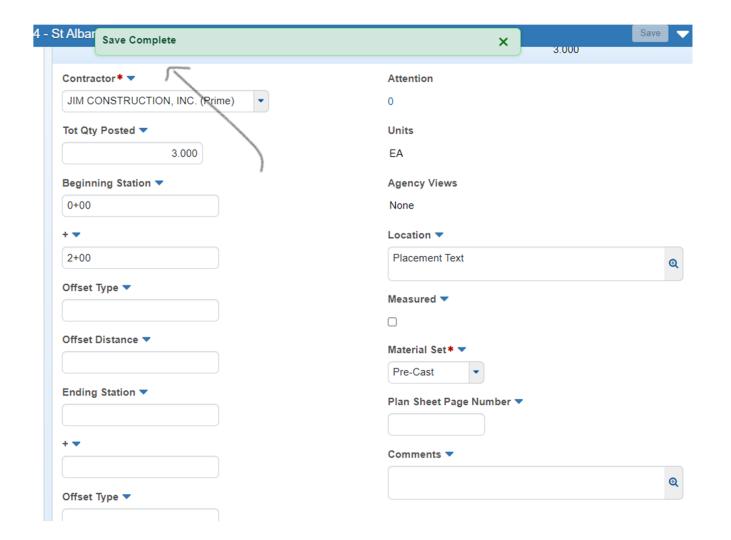
Material Set: Invalid value "; value is required. (custom rule)

Show All Show Errors

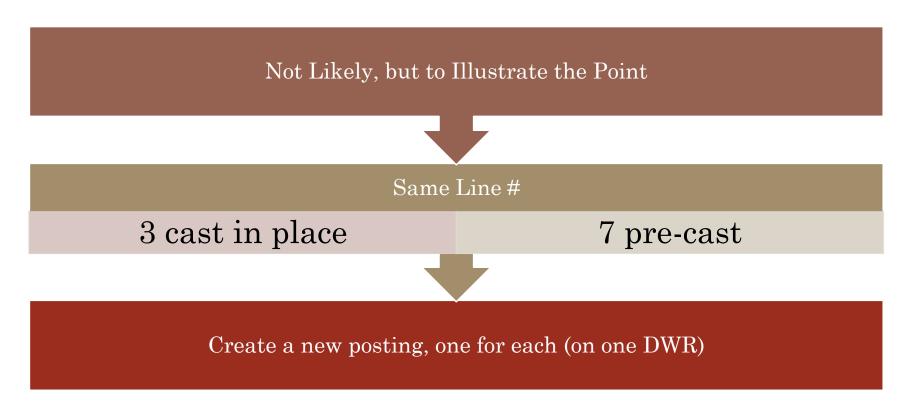
Contract Administration ports

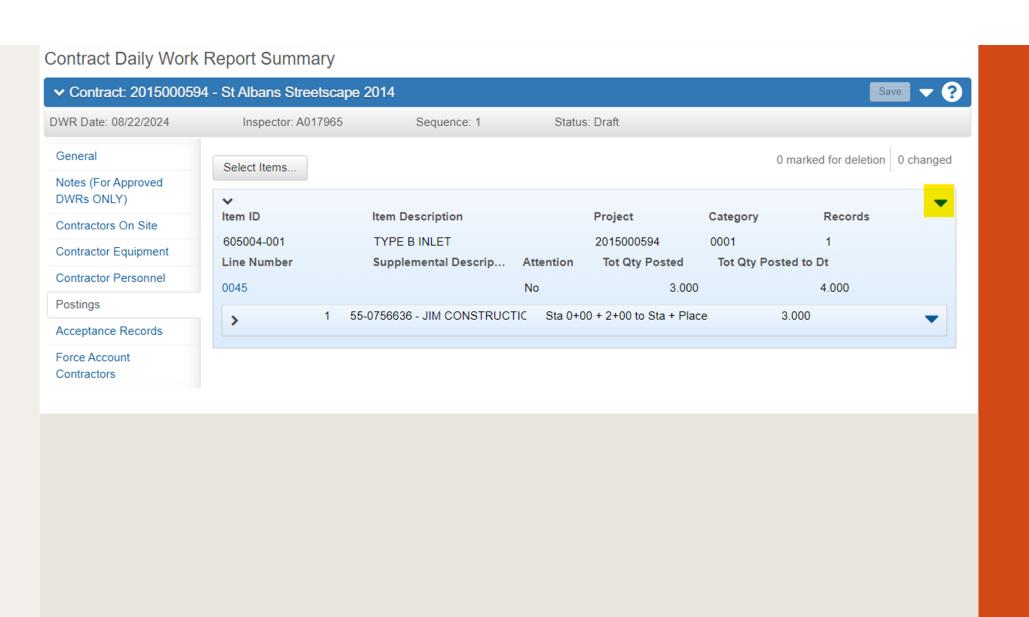
Contract Daily Work Reports Contract Materials and Accep

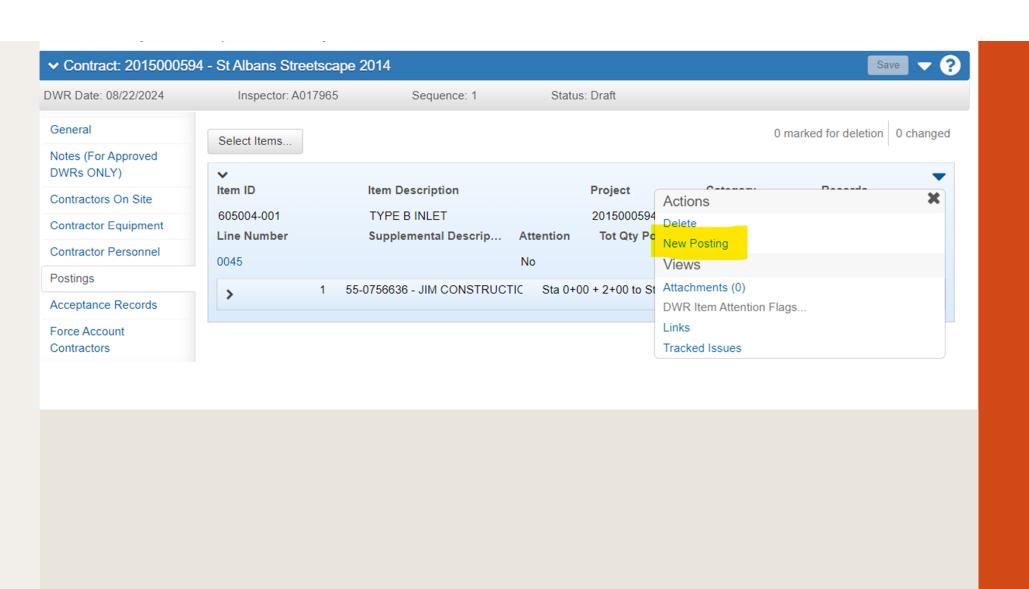
None Location Placement Text **Q** Measured ▼ Material Set* Cast in Place Pre-Cast Comments **Q**



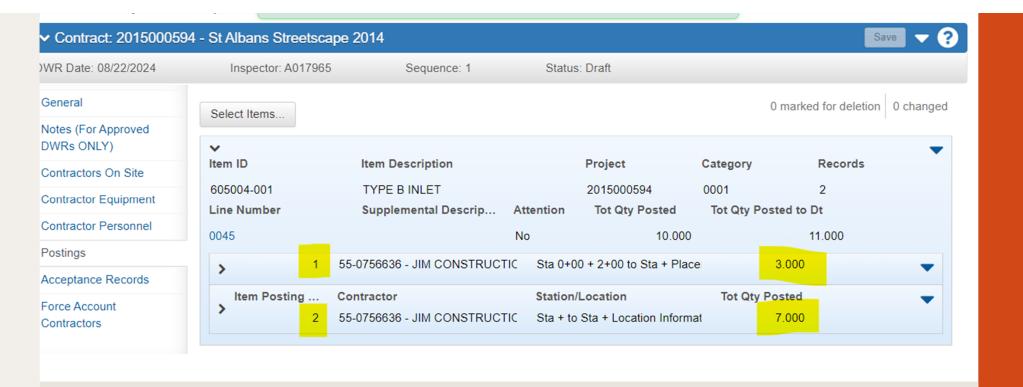
More Complicated?







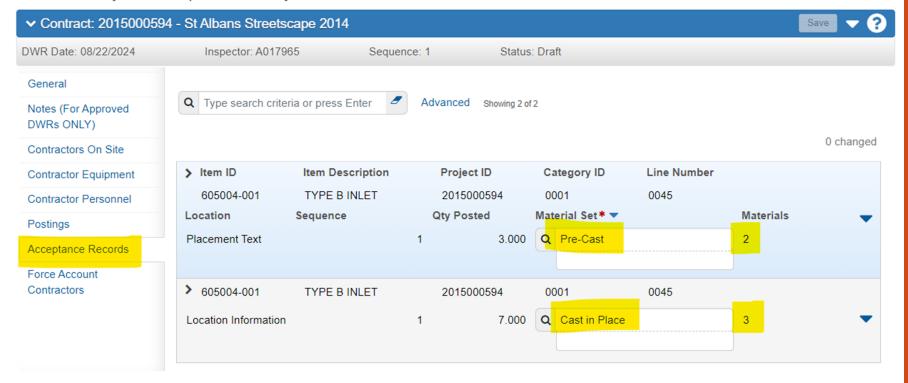
	Location Information	Q
Offset Type ▼	Measured ▼	
Offset Distance ▼	Material Set★ ▼	
	Cast in Place ▼	
Ending Station ▼	Plan Sheet Page Number ▼	
+ ▼	Comments ▼	
		Q
Offset Type ▼		



What Materials?

• Check the acceptance record. It shows the posted materials

Contract Daily Work Report Summary







What if you make a mistake?

If you haven't run the estimate, you can delete the posting instance (not the entire posting) and repost.

Once you've approved the estimate (at least in version 5.00), you're locked in.

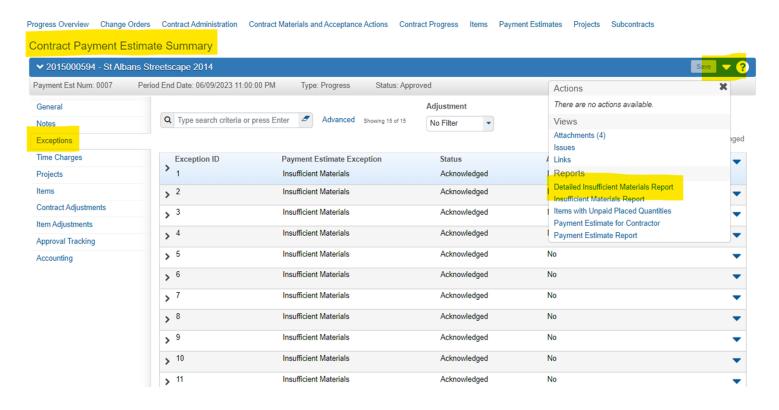
District Materials

- District Materials is trained to address this issue.
- We can tailor the acceptance actions to get the "Glove to Fit"
- Central MCST can help if its complicated.
- TLDR: Try not to make this mistake. If you do, let District Materials know as soon as you can.
- Also, be as specific as possible
- Send them the link!

Why isn't my line paying?

- Project hasn't met material requirements.
- Project people: APLs. These are done on the DWR.
- Materials people: Sample records are missing
- How do you know?
 - Run the Detailed Material Exceptions Report.

Detailed Material Exceptions Report



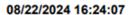
Report v1

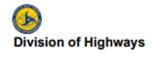


Division of Highways

					•			
Contract: 202	1000235 - Airport	t Rd - Glade Creek	Estimate Num	ber: 12	Estimate Sta	atus: Pending Approval	Estimate Date:	11/3/202
	03 - CONCRETE TYPE I, THICKNI		Item Qty Posted 1	Γο Dt:	14,926.680			
Supp Descr: 12	2"		Item Qty Pd To Dt	:	14,926.680	Item Qty Whld Due to	Matis:	0.00
Contract Line N	lumber: 003	0	Item Qty Remaini	ng:	0.000	Item Unit Price:		\$280.0
Project Item Lir	ne Number: 003	0	Item Amt Remaini	ing:	\$0.00	Item Amt Whid Due to	Matis:	\$0.0
Insufficient N	laterials							
Material Set	Matl Set Posted To Dt	Mate	erial	Conversion Factor	n Appr Sat Matl C		Appr Remaining Satisfied Qty	In Othe Items
Default	14,926.680	601.003.003.02 - C With Fly Ash, Slag SCM		1	51,500.00	0 14,926.68000	36,573.320	No
			Exce	ptions	Withhole Payme			
			Lab-QA is insut	fficient.	No			
			Lab-QC is insu	fficient.	No			
			QA - Field - PC insufficient.	C Sim. is	No			

Detailed Insufficient Materials Report





Detailed Insufficient Materials Report				
Item: 604037-022 - 30 INCH REINFORCED CONCRETE PIPE, CLASS	Item Qty Posted To Dt:	203.330		
Supp Descr: III	Item Qty Pd To Dt:	26.000	Item Qty Whid Due to Matis:	109.830
Contract Line Number: 0885	Item Qty Remaining:	177.330	Item Unit Price:	\$415.00
Project Item Line Number: 0885	Item Amt Remaining:	\$73,591.95	Item Amt Whid Due to Matis:	\$45,579.45

Insufficient Materials

Material Set	Matl Set Posted To Dt	Material	Conversion Factor	Appr Satisfied Matl Qty	Appr Reported Matl Qty	Appr Remaining Satisfied Qty	In Other Items
Default	203.330	716.001.001.2 - Granular Material	1	101.665	203.33000	-101.665	No
		Exce	eptions	Withholding Payment?			
		Gradation - QC	is insufficient.	Yes			

I Added My APL. Its still holding money?

- When you add a new DWR (Acceptance record for APL)
 - You need to delete and re-run the estimate.
- When contacting District or Central Materials, have the Estimate Up. If not, the first thing we will ask is to run the estimate and send us the ...
- The DWR date needs to be within the estimate period

Still having issues?

- SEND THE LINK!!!
- Dear Amy,
- My estimate isn't paying.
- https://wvdot-pr-dev.infotechinc.com/#/PaymentEstimate/5160/Summary
- Thanks!
- June from D9

Speaking of Payment

- Memo addressing the "Exclude from Pay Estimate"
- What does "Exclude from Pay Estimate" do?
- It overrides the withholding of payment
 - There is still a material exception which must be acknowledged
 - This needs to be addressed before the final estimate can be approved.

- We've discussed this in our Materials Focused Monthly Meeting
 - There are valid reasons to do this.
 - "Not enough staff" isn't a valid reason
 - Staying out of the weeds for this meeting.

Speaking of Payment...

We have a report that shows this... With names



Contract Exclude from Pay Estimate Metric

New Instances - 1 Month (07/22/2024-08/22/2024)

Total Instances

Distri	ct	Total Instances	% of Total
Distri		1	6.7%
Distri		5	33.3%
Distri		2	13.3%
Distri		4	26.7%
Distri		3	20.0%
Totals		15	100.0%

Name	District	Total Instanc		% of Total
	District		1	6.7%
	District		3	20.0%
	District		2	13.3%
	District		1	6.7%
	District		1	6.7%
	District		1	6.7%
	District		3	20.0%
	District		3	20.0%
Totals			15	100.0%

Instances by Person

Exclude from Pay Estimate Report - D1 > Inbox ×



Brayack, Daniel A <daniel.a.brayack@wv.gov>

Thu, Sep 5, 3:32 PM (12 days ago)

to Ron, Jonathan 🔻

Greetings,

I'm sending out the exclude report for the past two months to each of the Districts.

As a note, your District has no current exclusions from this time period that are still active.

Daniel Brayack

Assistant Director Delian and Cartification

Monthly EOM Report – District Specific

West Virginia
Department of Transportation

Contract Exclude from Pay Estimate

Line #	Material Code/Name	Acceptance Action Name	Test Method
0355	Granular Material	Compaction-QC	AWP106.22 - T317 - Compaction
0825	Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	Field-QC	AWP601.03 PCC QA/QC - PCC
0120	Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	Field-QC	AWP601.03 PCC QA/QC - PCC
0375	19 mm Asphalt Mix, Superpave	Compaction-QC	AWP106.16 - T401 - Compaction
0385	25 mm Asphalt Mix, Superpave	Compaction-QC	AWP106.16 - T401 - Compaction

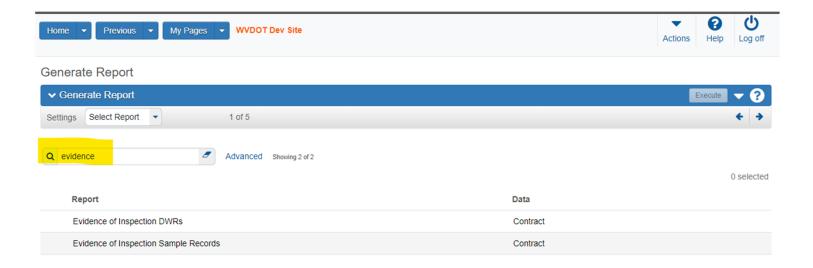
Example Report

Negative Estimate?

- If you previously overrode materials
- Then uncheck the box
 - It goes in and takes it back...

Negative First Estimate

- You will get an error, and it will not run.
- You need to get your materials in order.
- This is a call to your District Materials
- They will run the sampling checklist and see what is missing
- You can run "Evidence of Inspection" Sample Records and DWRs (Two separate reports, both starting with "Evidence of Inspection...")



Specific Example

- Cylinders were created.
- By default, we do not hold payment on these.
 - BUT the contractor did not provide them.
- Unchecking the Box...
 - · Will then take that money back off.
- This is a tool and at the discretion of the District.

Live Example