HiCAMS User Guide

Chapter 5: Contract Estimates

Section 4: Verify Final Quantities

Contents

About Verify Final Quantities Verifying Final Quantities How the Verify Final Quantities Window Works Standard Reports Used with the Verification Process

Revision History

Comments or concerns with this document should be directed to the NCDOT Construction Unit at 919-707-2400.

Date	Version	Description	Author
October 2014	1.0	Initial version	Marie Novello

About Verify Final Quantities

When a payment is made by Pay Record or by Ticket, a Final Estimate quantity is generated based on the WBS element, Line Item, and Pay Record Book and Page number, or Ticket Book number.

Multiple payments on the same WBS element and Line Item number that are made on the same Pay Record Book and Page number are added together for the Verify quantity, as are Ticket Books with the same number.

It is possible to Verify Final Quantities throughout the life of the project. HiCAMS will automatically request re-verification if changes are made to the Source records.

This Final Estimate quantity must be confirmed before the Final Estimate can be forwarded to the Division Engineer level for further handling.

For additional information on Verify Final Quantities, please contact the Construction Unit at 919-707-2400.

Verifying Final Quantities

To work with the Verify Final Quantities window, go to **Functions > Contract Estimates > Verify Final Quantities**.

Step 1: Enter the Contract Number whose Quantities you wish to verify in the Contract field. The Verify Final Quantities window opens.

Note: For information on ways to enter your contract number, see the User Guide "Getting Started" in the User Guides section of the HiCAMS home page.

An example of the Verify Final Quantities window for Contract C203350 is displayed below.

HICAMS - [hicamsval]	References Admin Tools Window H	elo				_ 8 ×
🗝 🗎 👭 🗞 🔏 J		-				
😓 Verify Final Quantities (C203	350)					_ 🗆 🗙
Contract: C20335	0 🚺 Contractor	THE HURLEY GROUP LLC	Status	: Active		
Description (n	ickname): Bridge #53					
WBS: 3859	7.3.FD1	All Items Unve	erified Items			
Line Item:				•		
Verified Date	Verified Bv	Source Document	Book	Page	Final Quantity	⊻erify
,						
Ready						

Because the Contract has only one WBS element, the WBS element is defaulted. If the Contract has more than one WBS element, the WBS element would need to be selected before proceeding with quantity verification.

- **Step 2:** Select the Line Item whose quantities need to be verified by typing in its number or selecting it from the drop down list. All the Pay Record or Ticket entries are displayed.
- **Step 3:** To verify the Page Total, click in the Final Quantity field, and enter the page total from the Pay Record Book or Ticket Book. When Verifying an Asphalt Ticket, the JMF will also need to be entered.
- **Step 4:** Click the Verify button. If the number entered matches the page total HiCAMS has calculated, HiCAMS will enter the date the entry was Verified and the name of the person doing the Verification as shown below.
- **Step 5:** If the total does not match, the following message will appear when the Verify button is clicked:



Step 6: Click ok, and enter the correct quantity information, then Verify again.

🐎 HiCAMS - [hicamsval]					_ & ×
Eile Edit Functions Inquiries References Admin Tools Winde	w Help				
📟 🔛 🙈 🗞 🌈 🌿 💥					
🐎 Verify Final Quantities (C203350)					
<u>Contract:</u> C203350 () Contra	ctor: THE HURLEY GROUP LLC	Status:	Active		
Description (nickname): Bridge #53					
WBS: 38597.3.FD1	▼	rified Items			
Line Item: 78 REINF STEEL (BI	RIDGE)		·		
Verified Verified Date By	Source Document	Book	Page	Final Quantity	⊻erify
10/10/2014 Abernethy, Betty Y	Pay Record	3	32	22,956.000	

Here is how the window will look when a quantity is successfully Verified.

Notice that all the fields in the row are locked. If the Source Record is changed, the Final Quantity field will be active again.

How the Verify Final Quantities Window Works

Here is a portion of the Verify Final Quantities window for Contract C203350 Line Item 78.

🐎 HiCAMS - [hicamsval]						
Eile Edit Functions Inquiries	<u>R</u> eferences <u>A</u> dmin <u>T</u> ools <u>W</u> indow	Help				
j 🏧 🔛 🛤 🗞 🔏	🙀 📉					
ᇮ Verify Final Quantities (C20	03350)					
Contract: C2033	50 [] Contracto	r: The Hurley group LLC	Status	: Active		
Description (nickname): Bridge #53					
WBS: 385	97.3.FD1	C All Items C Unve	rified Items			
Line Item: 78	REINF STEEL (BRID	GE)		-		
,	,					
Verified	Verified				Final	
Date	Ву	Source Document	Book	Page	Quantity	Verify
		Pay Record	3	32	.000	

And here is a portion of the Review Pay Record window for the same Line Item.

HICAMS	5 - [hicamsval]	s Deferences Admin Tools Window Hel						_ 8 ×
		s References Admin Tools Window (Tel	,					
la Review	v Pay Records (C2	03350)						_ 🗆 ×
<u>C</u>	ontract: C20	3350 Min Contractor:	THE HURLE	Y GROUP LLC	St	atus: Active		
	Description	n (nickname): Bridge #53						
	WBS: 385	97.3 ED1	l ine lte	m 78 REINE	STEEL (BRIDGE)			
	Line						Pav Record	1 1
Row	Item	Source	Book P	age Date	Quantity	Inspector	Status	
1	78	Pay Record	3	32 09/03/2014	2,127.000 L	ayton, Jr., Ben C	Processed	
2	78	Pay Record	3	32 08/19/2014	2,127.000 L	ayton, Jr., Ben C	Processed	
3	78	Pay Record	3	32 07/15/2014	9,291.000 L	ayton, Jr., Ben C	Processed	
4	78	Pay Record	3	32 06/20/2014	9,411.000 L	ayton, Jr., Ben C	Processed	
Gene	eral Location	1 History 78 - REINE STEEL (BRIDGE)		Plan Quantity	* 22 956 000	Do Not Pay	
	LIOM·	Pounds	,		Unit Price	s \$1,0000		
	Comment:	T ound3			omernee	φ1.0000	Pro-Rate Fuel Adjustment	
	comment.						<u></u>	
Su	ر ubstitutable							
	Materials:	Crown		Meterial Dece	rintian		-1	
		Group		Material Desc	npuon			

Notice that although there are four Pay Record rows, there is only one Verify Final Quantities row. This is because the Verify Final Quantities presents "Page Totals" information.

Contrast this to how the Verify Final Quantities window looks for items paid by Ticket. Here is the Review Tickets window for C203542 Line Item 7.

ile <u>E</u> dit F	unctions Inquiries	References Admin Tools Window Help								
📼 🕍 🤅	2 📲 赵 🛤	S 🛦 🖉 M 🗽								
🐎 Review	Tickets (C203542)									_ 🗆
<u>C</u> o	ntract: C203	542 () Contractor: S. T. '	WOOTEN CORPOR	RATION	S	tatus: /	Active			
	Description	(nickname): 2014 Resurfacing War	ren-Franklin Count	ti						
	WBS: 5CR.	10351.14 🔽 Li	ne Item: 7	ASP CONC SUR	F CRS S	9.5B			-	
Row	Line Item	Material	Book Date	Quantity	Loads	Plant ID	JMF	AC Line Item	Ticket Status	Station From
1	7	Asphalt Concrete Surface Course, T	6 10/01/2014	4 218.620	11	AS313	14-0448-152	10 - ASP FOR PLA	Not Estimated	0
2	7	Asphalt Concrete Surface Course, T	509/23/2014	1,388.510	72/	AS313	14-0448-152	10 - ASP FOR PLA	Not Estimated	239
3	7	Asphalt Concrete Surface Course, T	4 09/22/2014	4 2,161.450	111/	AS313	14-0448-152	10 - ASP FOR PLA	Not Estimated	59
4	7	Asphalt Concrete Surface Course, T	309/20/2014	1,676.650	86	AS313	14-0448-152	10 - ASP FOR PLA	Not Estimated	94
5	7	Asphalt Concrete Surface Course, T	209/19/2014	2,118.050	108/	AS313	14-0448-152	10 - ASP FOR PLA	Not Estimated	271
6	7	Asphalt Concrete Surface Course, T	109/18/2014	4 884.820	44/	AS313	14-0448-152	10 - ASP FOR PLA	Not Estimated	353
1										Þ
Gene	ral Location	Certification History								Þ
Gene	ral Location	Certification History tem: 7 - ASP CONC SURF CRS S9	.58	Plan Qua	antity: 8,3	64.000		Do Not Pay	7 Ticket	<u>}</u>
Gene	ral Location Line I	Certification History tem: 7 - ASP CONC SURF CRS S9	.58	Plan Qua Unit	antity: 8,3 Price: \$33	64.000		Do Not Pay	7 Ticket	•
∢ Genel	ral Location Line I LI U	Certification History tem: 7 - ASP CONC SURF CRS S9 IOM: TON ttity: 218.620	.58	Plan Qua Unit Conversion Fa	antity: 8,3 Price: \$33 actor: 1.0	64.000 3.0000 100		Do Not Pay Replacem	r Ticket ient yment Method	• •
Gene	ral Location Line I LI L uplied LI Quar Received	Certification History tem: 7 - ASP CONC SURF CRS S9 IOM: TON titty: 218.620 I By: [Kile, Charles	.5B	Plan Qua Unit Conversion Fa	antity: 8,3 Price: \$33 actor: 1.0 Fruck:	64.000 3.0000 100	Job N	Do Not Pay C Replacent Other Pay lix Formula	r Ticket nent yment Method	•
∢ Gene Ap	ral Location Line I Li U uplied LI Quar Received proved Produ	Certification History tem: 7 - ASP CONC SURF CRS S9 IOM: TON titty: 218.620 I By: Kile, Charles Icer: S.T. Wooten Corp., Henderson	.5B	Plan Qua Unit Conversion Fa	antity: 8,3 Price: \$33 actor: 1.0 Truck:	64.000 3.0000 00 prmatio	Job M Vir	Do Not Pay Replacem Other Pay fix Formula gin AC %: 3.90	r Ticket nent yment Method	
Gener Ap	ral Location Line I Li U plied LI Quar Received proved Produ Other Produ	Certification History tem: 7 - ASP CONC SURF CRS S9 IOM: TON tity: 218.620 I By: Kile, Charles ucer: S.T. Wooten Corp., Henderson ucer:	.5B 	Plan Qua Unit Conversion Fa	antity: 8,3 Price: \$33 actor: 1.0 Fruck: tation Info rom:	64.000 3.0000 00 prmatio	Job M Vir R Ott	Do Not Pay Replacem Other Pay lix Formula gin AC %: 3.90 (AP AC %: 1.00 her AC %: 90	' Ticket hent yment Method	•
Gener Ap	ral Location Line I Line I Li U uplied LI Quar Received proved Produ Other Produ How Accer	Certification History tem: 7 - ASP CONC SURF CRS S9 IOM: TON titiy: 218.620 I By: Kile, Charles Icer: S.T. Wooten Corp., Henderson Icer:	.5B - AS313	Plan Qua Unit Conversion Fa	antity: 8,3 Price: \$33 actor: 1.0 Truck: tation Info rom: 0 -	64.000 3.0000 000 ormatio	Job M Vir n R Ott	Do Not Pay Replacem Other Pay fix Formula gin AC %: 3.90 AP AC %: 9.0 otal AC%: 5.80	r Ticket nent yment Method	•
∢ Gener Ap	ral Location Line I Line I Li Li Li upplied Li Quar Received proved Produ Other Produ How Accep	Certification History tem: 7 - ASP CONC SURF CRS S9 IOM: TON titty: 218.620 I By: Kile, Charles iccer: S.T. Wooten Corp., Henderson iccer: ted: Receipt	.5B - AS313	Plan Qua Unit Conversion Fa Si Pirity To	antity: 8,3 Price: \$33 actor: 1.0 Truck: tation Info rom: 0 - 0 -	64.000 3.0000 00 prmatio + 18	Job M Vin R Ott 8 Tr Asp	Do Not Pay Replacem Cother Pay lix Formula gin AC %: 3.90 AP AC %: 1.00 her AC %: .90 otal AC%: 5.80 halt Type: Warm N	r Ticket ient yment Method Mix Evotherm 3G	
Gener Ap	ral Location Line I LI L uplied LI Quar Received Produ Other Produ How Accep Comm	Certification History tem: 7 - ASP CONC SURF CRS S9 IOM: TON htty: 218.620 I By: Kile, Charles hter: S.T. Wooten Corp., Henderson hter: hted: Receipt htent:	.5B - AS313	Plan Qua Unit Conversion Fa Si Fr titty Tc	antity: 8,3 Price: \$33 actor: 1.0 Fruck: tation Info rom: 0 - o: 0 -	64.000 3.0000 00 500 + 11 + 11	Job M Vin R Otti 8 Tr Asp 0 Bdr	Do Not Pay Replacem Other Pay dix Formula gin AC %: 3.90 AP AC %: 1.00 her AC %: .90 otal AC%: 5.80 halt Type: Warm M Grd Pay: Asphalt	r Ticket hent yment Method vlix Evotherm 3G Binder, PG 64,	-22
Gener Ap	ral Location Line I Line I Li U Li U Li U Li U Li U Received Produ Other Produ How Accep Comm	Certification History tem: 7 - ASP CONC SURF CRS S9 IOM: TON ntity: 218.620 I By: Kile, Charles icer: S.T. Wooten Corp., Henderson icer: ited: Receipt ient:	.5B - AS313	Plan Qua Unit Conversion Fa Conversion Fa Fr tity Tc	Intity: 8,3 Price: \$33 actor: 1.0 Fruck: Lation Info rom: 0 - 0: 0 -	64.000 3.0000 prmatio + 11 + 00	Job M Vin R Ott Asp 0 Bdr	Do Not Pay Replacem Other Pay dix Formula gin AC %: 3.90 AP AC %: 1.00 her AC %: .90 otal AC%: 5.80 halt Type: Warm M Grd Pay: Asphalt	r Ticket hent yment Method vlix Evotherm 3G Binder, PG 64,	-22
Gener Ap	ral Location Line I Line I Li U Li U Li U Li U Li U Received Produ Other Produ How Accep Comm	Certification History tem: 7 - ASP CONC SURF CRS S9 IOM: TON	.5B - AS313	Plan Qua Unit Conversion Fa Mitity To	antity: 8,3 Price: \$33 actor: 1.0 Truck: tation Infe rom: 0 - 5: 0 -	464.000 3.0000 000 ▶ 11 + 11 + 01	Job M Vir R Ott Asp 0 Bdr	Do Not Pay Replacem Other Pay dix Formula gin AC %: 3.90 (AP AC %: 1.00 her AC %: .90 otal AC %: 5.80 halt Type: Warm M Grd Pay: Asphalt	r Ticket hent yment Method dix Evotherm 3G Binder, PG 64,	-22
∢ Gener Ap	ral Location Line I Li U uplied LI Quar Received proved Produ Other Produ How Accep Comm	Certification History tem: 7 - ASP CONC SURF CRS S9 IOM: TON	.5B - AS313	Plan Qua Unit Conversion Fa Tr ntity Tc	antity: 8,3 Price: \$33 actor: 1.0 Fruck: tation Info rom: 0 - 0: 0 -	464.000 3.0000 000 • • 11 • 11	Job M Vin R Ott Asp 0 Bdr	Do Not Pay Replacem Other Pay flix Formula gin AC %: 3.90 tAP AC %: 1.00 her AC %: .90 fotal AC %: 5.80 hait Type: Warm M Grd Pay: Asphalt	r Ticket nent yment Method Mix Evotherm 3G Binder, PG 64,	-22

And here is the Verify Final Quantities window for the same Contract and Line Item.

CAND - Incom		ALL WILLIAM LONG							
Edit Functions	Inquiries References	<u>A</u> dmin <u>T</u> ools <u>W</u> indow <u>H</u> e	lp						
- 11 M S	🔺 🖉 🎘 🕱								
Verify Final Qua	ntities (C203542)								_
Contract:	: C203542	Contractor	S. T. WOOTEN CORPORATION	Sta	tus: Act	ive			
Descr	ription (nicknam	10): 2014 Resurfacin	g Warren-Franklin Counti						
WE	3S: 5CR.10351.	14 🗾	All Items Unverified It	tems					
Line Ite			S 20 5B						
Line ite	:III. 1 4 A	SP CONC SURF CR	3 39.00		T				
					_				
					_				
Verified	Verified	Source				Final		1	Vorify
Verified Date	Verified By	Source Document	Material	Book	Page	Final Quantity	JMF		Verify
Verified Date	Verified By	Source Document Ticket Books	Material Asphalt Concrete Surface Course, Type RS	Book 1	Page	Final Quantity .000	JMF	44	<u>V</u> erify
Verified Date	Verified By	Source Document Ticket Books Ticket Books	Material Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS	Book 1 2	Page	Final Quantity .000	JMF 	4	Verify
Verified Date	Verified By	Source Document Ticket Books Ticket Books Ticket Books	Material Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS	Book 1 2 3	Page	Final Quantity .000 .000	JMF 	44	<u>V</u> erify
Verified Date	Verified By	Source Document Ticket Books Ticket Books Ticket Books Ticket Books	Material Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS	Book 1 2 3 4	Page	Final Quantity .000 .000 .000	JMF 	44	⊻erify
Verified Date	Verified By	Source Document Ticket Books Ticket Books Ticket Books Ticket Books	Material Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS	Book 1 2 3 4	Page	Final Quantity .000 .000 .000 .000	JMF 	A	⊻erify
Verified Date	Verified By	Source Document Ticket Books Ticket Books Ticket Books Ticket Books Ticket Books	Material Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS	Book 1 2 3 4 5	Page	Final Quantity .000 .000 .000 .000	JMF	#	<u>V</u> erify

Each ticket is represented on its own row in both windows.

When multiple rows appear in the Verify window, and are Verified, any entries that are correct will appear in the bottom of the list, while those entries that are incorrect will appear at the top of the list.

	antities (C203542)								_
<u>Contract</u>	:: C203542	Contractor:	S. T. WOOTEN CORPORATION	Sta	tus: Activ	/e			
Desc	ription (nickname	e): 2014 Resurfacin	g Warren-Franklin Counti						
W	BS: 5CR.10351.1	4 💌	All Items Unverified It	ems					
Line It	em 7	P CONC SURE CR	S S9 5B						
Line n			55.55						
									1
	14 10 1	•							
/erified Date	Verified By	Source Document	Material	Book	Page	Final Quantity	JMF		<u>V</u> erify
/erified Date	Verified By	Source Document Ticket Books	Material Asphalt Concrete Surface Course, Type RS	Book 1	Page	Final Quantity 884.820	JMF 14-0448-154	44	Verify
/erified Date	Verified By	Source Document Ticket Books Ticket Books	Material Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS	Book 1 3	Page	Final Quantity 884.820 1,676.650	JMF 14-0448-154 14-0481-51	44	Verif
/erified Date	Verified By	Source Document Ticket Books Ticket Books Ticket Books	Material Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS	Book 1 3 4	Page	Final Quantity 884.820 1,676.650 2,161.450	JMF 14-0448-154 14-0481-51 14-0481-51	44	<u>V</u> erif <u>j</u>
Verified Date	Verified By Abernethy, Betty	Source Document Ticket Books Ticket Books Ticket Books Ticket Books	Material Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS	Book 1 3 4 2	Page	Final Quantity 384.820 1,676.650 2,161.450 2,118.050	JMF 14-0448-154 14-0481-51 14-0481-51 14-0448-152	4 4	Verif
/erified Date 09/2014 09/2014	Verified By Abernethy, Betty Abernethy, Betty	Source Document Ticket Books Ticket Books Ticket Books Ticket Books Ticket Books	Material Asphalt Concrete Surface Course, Type RS Asphalt Concrete Surface Course, Type RS	Book 1 3 4 2 5	Page	Final Quantity 884.820 1,676.650 2,161.450 2,118.050 1,388.510	JMF 14-0448-154 14-0481-51 14-0481-51 14-0448-152 14-0448-152	14	<u>V</u> erif;

Recheck the data entry, re-enter the correct number, and Verify again.

Hint: The Verify window is set up so that the user can enter quantity and JMF if applicable, then tab through to the next row without having to use the mouse. When the Final entry is made, the next Tab is on the Verify button. The Verify button can be "clicked" with the space bar, and HiCAMS automatically returns the window focus to the Line Item field to allow the selection of the next line item without the mouse.

Possible Error:

Sometimes, a Ticket Book will appear in the Review Tickets window, but not be visible in the Verify Final Quantities window.

To make the Ticket Book show up in Verify Final Quantities, close the Verify window, and open the Review Tickets window.

Find the Ticket Book that does not display, and select it. Change the Ticket Book number and Save. Now change the number back to what it should be. Save. The Ticket Book should now display in the Verify Final Quantities window. If Final Quantities Verification takes place during the life of the contract, new entries that have not been Verified can be quickly identified by switching the from All Items to Unverified Items in the header of the window. When Unverified Items is selected, only those Line Items that have Unverified entries are listed.

🐎 HiCAMS - [hicam	sval]									_ 8
Eile Edit Functions	Inquiries Referen	ces <u>A</u> dmin <u>T</u> ools <u>W</u>	<u>(indow H</u> elp							
<u> = 61 W &</u>	👗 🔏 🍕 🐹									
😓 Verify Final Qua	ntities (C203542)									
<u>C</u> ontract	: C203542	Cont	tractor: S. T	r. Wootei	N CORPORATION	Sta	tus: Active			
Desci	ription (nickn	ame): 2014 Res	surfacing W	/arren-Frai	nklin Counti					
WE	3S: 5CR.1035	51.14	•	All Items	0	Unverified Items				
Line Ite	em:						_			
		1	MOE	BILIZATION	١		_			
		2	BOR	ROW EXC	CAVATION				1	
Verified	Verified	3	INCI	DENTAL S	STONE BASE		-	Final Quantity	JME	⊻erify
		4	SHO	ULDER RE	ECONSTRUCTION	I	Ĕ	quantity		
		6	INCI	DENTAL M	AILLING					
		7	ASP	CONC SU	JRF CRS S9.5B					
		10	ASP	FOR PLA	NT MIX					
		11	PAT	CHING EX	IST PAVEMENT					
		14	WOR	rk zone A	ADV/GEN WARN	SIGN				
		15	TEM	P TRAFFIC	C CONTROL					
		16	THE	RMO PVT	MKG LINES 4"90					
		17	THE	RMO PVT	MKG LINES 4"120)				
		19	24"V	VIDE THEF	RMO 120 MILS					
		21	SNO	WPLB PV	/MT MRKER					
		22	TEM	PORARY S	SILT FENCE					
		24	SEE	DING AND	D MULCHING					
		27 OTH1	Supp	plemental F	Flagging					

Here is the Line Item list for All Items:

And here is the difference when the Unverified Items is selected:

🐟 HICAWS - [nicamsval]						
Elle Edit Functions Inquiries Refere	nces <u>A</u> dmin <u>T</u> or	ols <u>W</u> indow <u>H</u> elp				
📙 🏧 🛍 🖊 🗞 🔏 🕍 🥻	5					
🤝 Verify Final Quantities (C203542)						_ 🗆 🗵
<u>Contract</u> : C203542	- 🔟 🤇	Contractor: S. T. WOOTEN CORPO	DRATION St	tatus: Active		
Description (nickr	name): 2014	Resurfacing Warren-Franklin Cour	nti			
WBS: 5CR.103	51.14	All Items	Onverified Items			
Line Item:						
	1	MOBILIZATION				
Verified Verified	- 3	INCIDENTAL STONE BA	ASE	Final	1	
Date By	6	INCIDENTAL MILLING		e Quantity	JMF	⊻erify
	11	PATCHING EXIST PAVE	MENT			
	14	WORK ZONE ADV/GEN	WARN SIGN			
	22	TEMPORARY SILT FEN	CE			

Standard Reports Used with the Verification Process

Two reports were developed to assist the user in the Verification of Final Quantities. They are the Summary of Pay Record Quantities and the Summation of Ticket Books Report.

Summary of Pay Record Quantities Report

This is how the Summary of Pay Record Quantities report filters look after the Contract Number has been entered.

Elle Functio	ns Inquiries References Admin Tools Window Help			
S 🖻 📐	12 M 12			
🐎 Select A	Report	1		
	Report Name			
	Minimum Sampling Guide		Contract:	C203350
	Minimum Sampling Guide - by Contract		Description:	
	QAP Usage Report		Description.	STRUCTURE.
	QAQC Mismatch Report			
	QAQC Un-Processed QA Samples Report			
	QAQC Yearly/Quarterly Report			
	SA/FA Documentation			
	Sample Statistics Report		Line Item:	(All)
	Second Tier Subcontract Line Item Report			
	Security Exceptions Report		Estimate:	(All)
	Security Global Report		-	Description of the Description
	Security Groups Report			
	Security Objects Report			00/00/0000
	Security Officers Report			
	Security Staff Report			
	Stockpile Report			
	Subcontract Line Item Report			
	Subcontract Report by Division			
	Subcontract Report by Vendor/Contract			
	Subcontractor History			
	Subcontractors By Type of Work			
Ġ	Summary of Pay Record Quantities			
	Summation of Ticket Books Report			
	Temporary Source Document Report			
	Types of Work By A Subcontractor			
•		Ľ_		
<u> </u>	48 of 51 Rows			<u>G</u> enerate <u>R</u> eset
Deedu		_		

This information on this report can be used as to verify the Pay Record Book page totals before the data entry is done in the Verify window.

An example of this report is on the next page.



Summary of Permanent Pay Record Quantites

Contract: C203350 W

WBS: 38597.3.FD1

Line Item	Cont Adj	Non- Part	Description	UOM	Source	Book Number	Page Number	Page Quantity
1			MOBILIZATION	LS	Pay Record	1	8	1.000
2			BRG APP SUB REG TIER** [(14+83.43-L-)]	LS	Pay Record	1	10	1.000
34			WORK ZONE SIGNS (STAT)	SF	Pay Record	1	71	368.330
					Pay Record	1	72	77.690
36			WORK ZONE SIGNS (BARR)	SF	Pay Record	1	76	219.000
37			PORT CHANGE MSG SIGN (SHORT TERM)	DAY	Pay Record	1	78	28.000
39			BARRICADES (TYPE III)	LF	Pay Record	1	82	144.000
43			TEMPORARY SILT FENCE	LF	Pay Record	2	14	1,083.000
47			TEMPORARY MULCHING	ACR	Pay Record	2	19	0.420
48			SEED FOR TEMP SEEDING	LB	Pay Record	2	25	21.000
49			FERT FOR TEMP SEEDING	TON	Pay Record	2	27	0.080
51			SAFETY FENCE	LF	Pay Record	2	32	362.000
55			1/4" HARDWARE CLOTH	LF	Pay Record	2	46	104.000
66			RESPONSE FOR EROS CONTROL	EA	Pay Record	2	81	3.000
69			REMV EXIST STR ********* [(14+83.00-L-)]	LS	Pay Record	3	10	1.000
70			3'-0" DRILLD PIER IN SOIL	LF	Pay Record	3	12	25.670
71			3'-0" DRILLD PIER NO SOIL	LF	Pay Record	3	15	53.380
72			PERM STL CASING FOR 3' PIER	LF	Pay Record	3	18	29.200
76			CLASS A CONCRETE (BRIDGE)	CY	Pay Record	3	27	66.300
77			BRG APPR SLAB ********** [(14+83.00-L-)]	LS	Pay Record	3	30	0.500
78			REINF STEEL (BRIDGE)	LB	Pay Record	3	32	22,956.000
79			SPIRAL COL REINF STL BRG	LB	Pay Record	3	35	2,825.000
80			HP12X53 PILES	LF	Pay Record	3	38	276.330
83			GEOTEXTILE FOR DRAINAGE	SY	Pay Record	3	44	491.200
84			ELASTOMERIC BEARINGS	LS	Pay Record	3	50	1.000
85			3'-0"X 1'-9"PRESTR SLABS	LF	Pay Record	3	52	1,540.000

Summation of Ticket Books Report

This is how the Summation of Ticket Books report filters look after the Contract Number has been entered.

Ele Fun	tions Inquiries References Admin Tools Window Help			
	🖌 🧟 🛤 🕱			
😽 Sele	t A Report			
	Report Name			
	Minimum Sampling Guide	-	Contract:	C203350
	Minimum Sampling Guide - by Contract			
	QAP Usage Report		Description:	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
	QAQC Mismatch Report			
	QAQC Un-Processed QA Samples Report			
	QAQC Yearly/Quarterly Report			
	SA/FA Documentation			
	Sample Statistics Report		Line Item:	(All)
	Second Tier Subcontract Line Item Report			
	Security Exceptions Report		Estimate:	(All)
	Security Global Report			Faliat Data Dana
	Security Groups Report		Γ	
	Security Objects Report			00/00/0000
	Security Officers Report			
	Security Staff Report			
	Stockpile Report			
	Subcontract Line Item Report			
	Subcontract Report by Division			
	Subcontract Report by Vendor/Contract			
	Subcontractor History			
	Subcontractors By Type of Work			
	Summary of Pay Record Quantities			
đ	Summation of Ticket Books Report			
	Temporary Source Document Report			
	Types of Work By A Subcontractor	-		
•		ſ		
	49 of 51 Rows			<u>G</u> enerate <u>R</u> eset

An example of this report is on the next page.



Summation of Ticket Books

Contract: C203542

Line Item: 7 ASP CONC SURF CRS S9.5B

UOM: TON

	Non-	Ticket		Job Mix	Map Nbr			Total	Virgin AC		Rap AC		Other AC		Total AC	
WBS	Part	Book	Date	e Formula		A	CLine Description	Quantity	%	Quantity	%	Quantity	%	Quantity	%	Quantity
5CR.10351.14		1 0	9/18/20	14 14-0448-152-WM3G	2	10	- ASP FOR PLANT MIX	884.820	3.9	34.508	1.0	8.848	0.9	7.963	5.8	51.320
		2 0	9/19/20	14 14-0448-152-WM3G	2	10	- ASP FOR PLANT MIX	2,118.050	3.9	82.604	1.0	21.181	0.9	19.062	5.8	122.847
		30	9/20/20	14 14-0448-152-WM3G	2	10	- ASP FOR PLANT MIX	1,676.650	3.9	65.389	1.0	16.767	0.9	15.090	5.8	97.246
		4 0	9/22/20	14 14-0448-152-WM3G	2	10	- ASP FOR PLANT MIX	2,161.450	3.9	84.297	1.0	21.615	0.9	19.453	5.8	125.364
		5 0	9/23/20	14 14-0448-152-WM3G	2	10	- ASP FOR PLANT MIX	1,388.510	3.9	54.152	1.0	13.885	0.9	12.497	5.8	80.534
		6 1	0/01/20	14 14-0448-152-WM3G	2	10	- ASP FOR PLANT MIX	218.620	3.9	8.526	1.0	2.186	0.9	1.968	5.8	12.680
						W	BS Totals:	8,448.100	_	329.476		84.482		76.033		489.991
5CR.10931.14		1 0	8/27/20	14 14-0448-152-WM3G	4	10	- ASP FOR PLANT MIX	1,486.130	3.9	57.959	1.0	14.861	0.9	13.375	5.8	86.196
		2 0	8/28/20	14 14-0448-152-WM3G	4	10	- ASP FOR PLANT MIX	1,547.540	3.9	60.354	1.0	15.475	0.9	13.928	5.8	89.757
		30	8/29/20	14 14-0448-152-WM3G	4	10	- ASP FOR PLANT MIX	1,468.510	3.9	57.272	1.0	14.685	0.9	13.217	5.8	85.174
		4 0	9/02/20	14 14-0448-152-WM3G	4	10	- ASP FOR PLANT MIX	1,457.180	3.9	56.830	1.0	14.572	0.9	13.115	5.8	84.516
		50	9/03/20	14 14-0448-152-WM3G	4	10	- ASP FOR PLANT MIX	1,469.620	3.9	57.315	1.0	14.696	0.9	13.227	5.8	85.238
		60	9/04/20	14 14-0448-152-WM3G	4	10	- ASP FOR PLANT MIX	282.110	3.9	11.002	1.0	2.821	0.9	2.539	5.8	16.362
		70	9/05/20	14 14-0448-152-WM3G	4	10	- ASP FOR PLANT MIX	248.850	3.9	9.705	1.0	2.489	0.9	2.240	5.8	14.433
		8 0	9/23/20	14 14-0448-152-WM3G	3	10	- ASP FOR PLANT MIX	661.130	3.9	25.784	1.0	6.611	0.9	5.950	5.8	38.346
		90	9/27/20	14 14-0448-152-WM3G	3	10	- ASP FOR PLANT MIX	1,395.320	3.9	54.417	1.0	13.953	0.9	12.558	5.8	80.929
		10 0	9/30/20	14 14-0448-152-WM3G	3	10	- ASP FOR PLANT MIX	8.960	3.9	0.349	1.0	0.090	0.9	0.081	5.8	0.520
		11 1	0/01/20	14 14-0448-152-WM3G	3	10	- ASP FOR PLANT MIX	1,543.560	3.9	60.199	1.0	15.436	0.9	13.892	5.8	89.526
		12 1	0/02/20	14 14-0448-152-WM3G	3	10	- ASP FOR PLANT MIX	2,101.780	3.9	81.969	1.0	21.018	0.9	18.916	5.8	121.903
		13 1	0/03/20	14 14-0448-152-WM3G		10	- ASP FOR PLANT MIX	1,605.060	3.9	62.597	1.0	16.051	0.9	14.446	5.8	93.093
		14 1	0/06/20	14 14-0448-152-WM3G	3	10	- ASP FOR PLANT MIX	1,951.180	3.9	76.096	1.0	19.512	0.9	17.561	5.8	113.168
							BS Totals:	17,226.930	_	671.848		172.270		155.045		999.161
	Line Item Totals:				em Totals:	25,675.030		1,001.324		256.752		231.078		1,489.152		