2023

Guidelines for Completing the VDOT Form C-13CPR



Construction Division

Virginia Department of Transportation 3/17/2023

TABLE OF CONTENTS

ονι	ERVIEW	2
-		
1.	Downloading the Commodity Progress Report Files	3
2.	Importing Required Primavera P6 Reports	4
3.	Preparing a Commodity Loading Report (CLR)	6
4.	Modifying the MS Excel Software Security Settings	14
5.	Preparing the Form C-13CPR for Initial Use	16
6.	Preparing a Baseline Commodity Progress Report (Form C-13CPR)	18
7.	Preparing an Update Commodity Progress Report (Form C-13CPR)	28

Overview

As projects become larger and more complex, the project critical path becomes more dynamic and the schedule becomes more challenging to analyze. An analysis tool that provides the project team the ability to focus on production driven major operations that are expected to drive the schedule is vital to the successful on time completion of the project.

The VDOT Commodity Progress Report (Form C-13CPR) is a commodity tracking tool that is required by specifications for Category III and Design-Build projects to track performance on the major operations that are expected to drive the project. It allows the project team to identify what major operations are critical and require extra attention. Moreover, it allows the project team to analyze and track periodic performance and trends to identify early, what major operations are at risk of falling behind and when further evaluations are necessary for corrective actions.

As part of its Progress Schedule submissions for Category III and Design-Build projects, the contractor is required to provide a Commodity Progress Report showing the budgeted units-loading and anticipated monthly production output for each major operation that is expected to drive the schedule. The Commodity Progress Report shall include:

- A Commodity-loading Report (CLR) generated from the Primavera P6 software, showing a breakdown of the bid item quantity assignments for each activity associated with a Commodity (Major Operation). The CLR is a Primavera P6 report that shows at the activity level, planned and actual durations and quantities; and production rates to provide the ability to determine the reasonableness of the schedule; as well as track performance at the activity level. This information can be reviewed to determine if it aligns with the production rates information provided in the narrative and if they are reasonable by industry standards.
- A Commodity Progress Report (CPR) prepared using the VDOT Form C-13CPR and monthly units data generated from the Baseline Schedule showing for each estimate date and for each commodity. The Form C-13CPR is a MS Excel spreadsheet report that shows for each Commodity (Major Operation) the monthly progress S-curve based on the project monthly planned and actual progress data generated from the Primavera P6 software.

- 1. Downloading the Commodity Progress Report Files The following are guidelines for downloading a copy of the Form C-13CPR and the required Primavera P6 "erp" files:
 - 1. Use the following link to access the VDOT Construction Scheduling Webpage:

https://www.virginiadot.org/business/const/ConstrSchResSpecs.asp

 Download a copy of the Form C-13CPR (MS Excel) and the required Primavera P6 Commodity Loading Report (CLR) and Commodity Progress Report (CPR) "erp" files. (<u>Note</u>: For traditional Design-Bid-Build projects, download the "Estimate Dates" report. For Design-Build projects, download the "Calendar Months" report).



3. After downloading the files, you may move the files from your *Downloads* folder (or other location in which the files were downloaded) to a preferred file location using the MS Excel Cut/Paste function.

- 2. Importing the Primavera P6 Reports The Primavera P6 CLR and CPR "erp" reports can be imported to your Primavera P6 database for use in preparing the CLR and Form C-13CPR. The following are guidelines for importing the Primavera P6 "erp" reports:
 - 1. In the Reports window in Primavera P6, select a Report Group under which the new report will be added, then right-click, and then click on *Import*.

<u>F</u> ile	<u>E</u> dit <u>\</u>	<u>/</u> iew <u>P</u> roject E <u>n</u> te	erprise <u>T</u> ools	<u>A</u> dmin	<u>H</u> elp							
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-	Projec	ts Activities	(eports									
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	Report Name V Report Scope Last Run Date											
	E Report Group: Project Office											
2	• 1	Report Group	- Administra	ation a	Security							
9	+19	Report Group	Resource	s (P								
	-2	Report Group	: All Project	s / Po	rtfolio Analy	st Repo	rts					
•	+	Report Group:	Projects / WBS	s Detail	S		-					
_		Contractor's Ac	tivity Cost-loadi	Ru	in	•		Global		03-07-22		
		Contractor's Co	ommodity-loading	М	odify		J	Global		11-01-22		
		📑 Contractor's M	onthly Commodi	Im	port		endar Months)	Global		10-31-22		
2		Contractor's Me	onthly Commodi	Ex	port		mate Dates)	Global		10-31-22		
		EP-01 Project	Schedule Base	k c		Chally V		Global				
		EP-02 EPS, P	roject Earned V	05 CL	IC	Ctri+A		Global				
.8.		EP-04 EPS P	roject Labor		ру	Ltri+C		Global				
0		EP-05 EPS, P	roject Budget, S	Pa	ste	Ctrl+V		Global				
~		EP-06 EPS, P	roject Budget C	Et Fil	Down	Ctrl+E		Global				
		T EP-07 EPS, P	roject Monthly S	슈 Ac	ld	Ins		Global				
		Monthly Progre	ess Earnings Scl	X De	lete	Del	ith)	Global		10-03-22		
		Monthly Progre	ess Earnings Scl	Т	ble Foot and Per		ith)	Global		07 10 00		
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		Report Group	. open ric	🕞 Gr	oup and Sort By	•						
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				- - -	lapse All Ctrl+l	Num -						
			L	_			1					

2. Locate the Contractor's Commodity Loading Report.erp file, select, and then click on Open.

P6 Import Repor	t Definition	\times
Look in:	📙 Guidelines for Completing Form C-13CPR 🔄 👉 🗈 📸 🐨	
*	Name	D 1'
Quick access	Contractor's Monthly Commodity Progress Report (Form C-13CPR_Calend	1
	Contractor's Monthly Commodity Progress Report (Form C-13CPR_Estimat	1
Desktop		
Libraries		
This PC		
I		
Network		
	<	>
	File name: Contractor's Commodity-loading Report (CLR).er Open	
	Files of type: Report definition files (*.ERP) Cancel	

3. Click on the *OK* button after the report has been imported successfully.

Reports										
Projects Activities Reports										
Display: All Reports Report Name										
■ : Report Group: Project Office										
• 🖅 Report Group: Administration & Security										
■ ■ 2 Report Group: Resources 										
= 🗐 Report Group: All Projects / Portfolio Analyst Reports										
Report Group: Projects / WBS Details										
Contractor's Activity Cost-loading Report (ACR)	Global									
Contractor's Commodity Loading Report (CLR)	Global									
Primavera P6 Professional 21	Global Months) Global									
The report was imported successfully	Dates) Global									
	Global									
	Global									
	Global									
EP-06 EPS, Project Budget Changes	Global									

4. Repeat Steps 1 through 3 to import the Contractor's Monthly Commodity Progress Report (CPR). The Primavera P6 CPR report will be used to generate/export the monthly units (quantities) data needed to complete the Form C-13CPR.

Reports									
Projects Activities Reports									
✓ Display: All Reports									
Report Name Report Scope									
■ 🗊 Report Group: Project Office									
• 🗐 Report Group: Administration & Security									
• 🗐 Report Group: Resources									
Report Group: All Projects / Portfolio Analyst Reports									
■ 🖅 🗐 Report Group: Projects / WBS Details									
🖃 🗉 🗐 Report Group: Cost & Schedule									
Contractor's Activity Cost-loading Report (ACR)	Global								
Contractor's Commodity Loading Report (CLR)	Global								
Contractor's Commodity-loading Report (CLR)	Global								
The second secon	Global								
Contractor's Monthly Commodity Progress Report (Form C-13CPR_Estimate Dates)	Global								
Primavera P6 Professional 21	Global								
	Global								
The report was imported successfully.	Global								
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<u>O</u> K	Global								
1 Monthing mogress carnings ochequie neport (c-roch m_calendar month) Global									
Monthly Progress Earnings Schedule Report (C-13CPM_Calendar Month) Global									
Monthly Progress Earnings Schedule Report (C-13CPM_Estimate Dates)	Global								
Monthly Progress Earnings Schedule Report (C-13CPM_Estimate Dates)	Global								

- **3.** Preparing a Commodity Loading Report (CLR) The Commodity Loading Report (CLR) is required to show units (quantities) data for each activity associated with a Commodity (designated production based major operations that are expected to drive the schedule). The following are guidelines for preparing a Primavera P6 Commodity Loading Report (CLR):
 - 1. In the Reports window in Primavera P6, select the *Commodity Loading Report (CLR)*, then using the right click and Copy/Save function, create a copy of the report for project-specific use.

=	١	Report Group: VDOT Construction Scheduling Reports
	=	Report Group: Schedule Reports
		📑 Activity Relationships with Lag
		Predecessors & Successors Report (PSR)
	=	Report Group: Progress Earnings Schedule Reports
		Contractor's Activity Cost-loading Report (ACR)
		Monthly Progress Earnings Schedule Report (C-13CPM_Calendar Month)
		Monthly Progress Earnings Schedule Report (C-13CPM_Estimate Dates)
	=	Report Group: Commodity Progress Reports
		Contractor's Commodity Loading Report (CLR)
		Contractor's Monthly Commodity Progress Report (C00012345B01_CPR)
		Contractor's Monthly Commodity Progress Report (Form C-13CPR_Calendar Months)
		Contractor's Monthly Commodity Progress Report (Form C-13CPR_Estimate Dates)

- 2. Select the copy of the *Commodity Loading Report (CLR)*, then modify the report for project-specific use as follows:
 - 1. Click on the *Tools* menu, then select *Report Wizard*.



2. In the Report Wizard Create or Modify Report window, select *Modify Wizard Report*, then click on *Next*.

Report Wizard				×						
Create or Modify Report										
You can create a new report, or a report WBS).	based on the previous	s screen <mark>d</mark> ispl	ay(e.g., Expen	ses, Issues, Risks,						
To modify a report created by the wizard, button.	go to the Reports scr	reen, select th	e report, and c	lick on the Wizard						
C New Report										
C Use Current Screen										
O Cancel	4	Prev	<u>N</u> ext	Finish						

3. In the Configure Selected Subject Areas box, deselect *Activity Resource Assignments Past Period Actuals* sub-project, then click on *Next*.

Report Wizard		×
Select Additional Subject Select additional subject areas to include in the rest Available Subject Areas Activity Resource and Role Assignment Activity Resource Assignment Pas Assignment Code Assignments	t Areas	Selected Subject Areas
Cancel	4	Prev Next DE Finish

4. In the Configure Selected Subject Areas box, click on the *Columns* button.

Report Wizard	×								
Configure Selected Subject Areas Configure columns, group and sort, and filter options for each subject area, if desired.									
Selected Subject Areas Activity Resource and Role Assignments Columns Group & Sort Efter T Hide Subject Area									
O Cancel	Prev Next Finish								

5. Under the Resource Codes category, select the pre-defined project specific commodity resource code created for the project (e.g. C00012345B01_Commodity). Then click on *OK*.

P6 Columns				×
Available Options		Selected Options		🖌 ок
Activity Codes - Global Activity Codes - Project	•	C00012345B01_Commodity		O Cancel
Activity User Defined		1	_	
Costs Dates	••			Apply Apply
Durations Earned Value	•			Default
+ General				Edit Column
+ Percent Completes + Project Codes				-
Project User Defined Resource Codes				🕐 Help
+ Units				
I User Defined				

6. In the Configure Selected Subject Areas box, click on the *Group & Sort* button.

Report Wizard	×									
Configure Selected Subject Areas Configure columns, group and sort, and filter options for each subject area, if desired.										
Selected Subject Areas										
O Cancel	Prev Next Finish									

7. In the Group and Sort box, select the pre-defined project specific commodity resource code created for the project (e.g. C00012345B01_Commodity). Then click on *OK*.

P6 Group and Sort							×
Display Options	1	ок					
Show Grand Totals	0	Cancel					
Show Summaries Only						_	
							Apply
Group By						×	Delete
Group By	Indent	To Level	Group Interval	Page Break	Font & Colo		
C00012345B01_Commodity	V	All			9 Aria		Sort
C00012345B01_Commoc					9 Aria	_	
C00012345B01_Commoc					9 Aria		
C00012345B01_Commoc					9 Aria		
-				- ·	···	(?)	Help
Group By Options							
✓ Hide if empty				Show Totals			
Sort grouping bands al	phabetical	у		Bottom	•		
Show :							
D / Code							
IV Name / Description							

8. In the Configure Selected Subject Areas box, click on the *Filter* button.

Report Wizard	×
Configure Selected Subject A Configure columns, group and sort, and filter options for ea Selected Subject Areas	Areas Activity Resource and Role Assignments
Cancel	Prev Next ▶ SS Finish

9. In the Filter box, select the project specific commodity resource code created for the project (e.g. C00012345B01_Commodity). Define the parameters as shown below; then click on *OK*.

P6	Filter				-	-	
5	Display: Filte	r				1	ок
Dis	splay all rows	Parameter	ls	Value	High Value	_	
		(All of the following)				0	Cancel
	Where	Open State	equals	Open			
	And	C00012345B01_Commodity	is not equal to				Apply
						÷	Add
						×	Delete
						ø	Cut
	-					8	Сору

10. In the Configure Selected Subject Areas box, click on Next.

Report Wizard	×
Configure Selected Subject A Configure columns, group and sort, and filter options for each	IFEAS
Selected Subject Areas	Activity Resource and Role Assignments
O Cancel	Prev Next Finish

11. In the Report Title box, rename the report to make it project-specific, click on *Next*.

Repo	t Wizard	×
Add	port Title a tile for your report. Commodity Loading Report (C0001234B01_CLR)	
0	Cancel	

12. In the Report Generated box, click on Next.

Report Wizard	×
Report Generated	
Your report has been created. Click the Run Report button to preview and print the report.	
Run Report	
O Cancel	Finish

13. Click on *Save Report*; then click on *Finish* to save the report and close Report Wizard.

Report Wizard	×
Congratulations	
If you save your report, you can rerun it later from the Reports screen, otherwise, it will be lost.	
Save Report	
Cancel Prev Next 1	Finish

3. In the Reports window, select the saved project-specific *Contractor's Monthly Commodity Progress Report*; then right-click, then click on *Run*, and then *Report*.

=	3	Report Group: VDOT Construction Scheduling Reports
	=	Report Group: Schedule Reports
		Activity Relationships with Lag
		Predecessors & Successors Report (PSR)
	=	Report Group: Progress Earnings Schedule Reports
		Contractor's Activity Cost-loading Report (ACR)
		Monthly Progress Earnings Schedule Report (C-13CPM_Calendar Month)
		Monthly Progress Earnings Schedule Report (C-13CPM_Estimate Dates)
	=	Report Group: Commodity Progress Reports
		Contractor's Commodity Loading Report (C0001234B01_CLR)
		🔄 Contractor's Commodity Loading Report (CLR)
		Contractor's Monthly Commodity Progress Report (C00012345B01_CPR)
		Contractor's Monthly Commodity Progress Report (Form C-13CPR_Calendar Months)
		Contractor's Monthly Commodity Progress Report (Form C-13CPR_Estimate Dates)

4. Select *Print Preview* and click on *OK*.

Run Report		×
Send Report To		ОК
Print Preview	0	Cancel
C Directly to Printer	-	
C E-mail Attachment	?	Help
C HTML File		
C Delimited Text File Field Delimiter Text Qualifier		
Output file		
View file when done		
Notes		

5. A Commodity Loading Report (CLR) is generated. Click on the Page Setup/Print Setup/Print icons, as needed to modify the Company Name, print settings, or to print the report.

				<i>Enter</i> Route 1	23 Ove	<i>pany</i> ∧ r Meadov	<i>lame</i> Creek	Here Bridge				03-17-23 12:06
			Contracto	or's Comn	nodity L	oading R	eport ((000123	4B01_CL	R)		
C 000 1 23 45 B0 Activity ID	1_Commodity ActivityName	Original Duration	Budgete d Units	Budgeted Units / Time	Actual Duration	Actual Units	Units % Complete	Remaining Duration	Remaining Units	Remaining Units / Time	AtCompletion Units	DefaultUnits/ Max Time Units/Time
EXC Excavation	on and Grading											
31210	Establish Access Drilled Shafts / Exc Pier 2 Footing	4	71.00CY	17.7 5CY/d	0	0.00 CY	0%	4	71.00CY	17.7 5CY/d	71.00CY	500.00C Yid 500.00C Y
313 00	Excavate A but B - Ph-1	5	114.50 CY	22.9 0CY/d	0	0.00 CY	0%	5	114.50 CY	22.9 0CY/d	114.50CY	500.00C Yid 500.00C Yi
3111 0	Establish Access Drilled Shafts / Exc Pier 1 Footing	4	71.00CY	17.7 5CY/d	0	0.00 CY	0%	4	71.00CY	17.7 5CY/d	71.00CY	500.00C Y/d 500.00C Y
310 00	Excavate A but A - Ph-1	3	114.50 CY	38.17CY/d	0	0.00 CY	0%	3	114.50 CY	38.17CY/d	114.50CY	500.00C Yid 500.00C Y
315 90	Cut / Fill New Drive Sta 265+80-Ph-1	25	4872.00CY	194.88CY/J	0	0.00 CY	0%	25	4872.00CY	194.88CY/d	4872.00CY	100 0.00CY/d 200.00CY
31570	Cut/Fill Sta 263+91 to Sta 269+00-Ph-1	30	19376.00CY	645.87CYA	0	0.00 CY	0%	30	19376.00CY	645.87CY/d	19376.00CY	100 0.00CY/d 200.00CY
315 50	Cut / Fill Station 256+00 to 261+67 Ph-1	20	836.00CY	41.8 0CY/d	0	0.00 CY	0%	20	836.00CY	41.8 0CY/d	836.00CY	100 0.00CY/d 200.00CY
325 40	Cut/Fill Sta 256+00 to Sta 261+67-Ph-2	45	70040.00CY	1556.44CY/d	0	0.00 CY	0%	45	70040.00CY	1556.44CY/d	70040.00CY	100 0.00CY/d 200.00CY
325 50	Cut / Fill Sta 263+91.5 to Sta 269+00-Ph-2	10	100.00CY	10.0 0CY/d	0	0.00 CY	0%	10	100.00CY	10.0 0CY/d	100.00CY	100 0.00CY/d 200.00CY
325 50	Cut / Fill Sta 263+91.5 to Sta 269+00-Ph-2	10	1400.00CY	140.00CYA	0	0.00 CY	0%	10	1400.00CY	140.00CY/d	1400.00CY	100 0.00CY/d 200.00CY
320 00	Excavate A but A - Ph-2	5	114.00 CY	22.80CY/d	0	0.00 CY	0%	5	114.00 CY	22.8 0CY/d	114.00CY	500.00C Yid 500.00C Y
323 00	Excavate Abut B - Ph-2	5	116.00 CY	23.2 0CY/d	0	0.00 CY	0%	5	116.00 CY	23.2 0CY/d	116.00CY	500.00C Yid 500.00C Y
Subtotal		358	97225.00			0.00	0%	358	97225.00		9722500	
DRAN Desinace												
315 80	Perform 30" RCP Jack & Bore Sta 258+00 Str 3-1	15	132.00LF	8.80LF.d	0	0.00LF	0%	15	132.00LF	8.80LF/d	132.00LF	50.00LF/d 50.00LF/d
316 00	h stal 18" RCP Str4-1	8	220.00LF	27.50LF/d	0	0.00LF	0%	8	220.00LF	27.50LF/d	220.00LF	100.00LF/d120.00LF/
(c) Primaver	a Systems, Inc.					Page 1 of 5						

- 4. Modifying the MS Excel Software Security Settings The Form C-13CPR uses built-in MS Excel formulas and macros. Your software security software settings must be modified to notify you to enable macros when using the Form C-13CPR, if not enabled based on user settings. The following are guidelines for modifying the MS Excel software security settings:
 - 1. Open MS Excel and click on *File* at the top left hand corner to display the File menu.



2. In the File menu, select *Options*. In the Excel Options window, select *Trust Center*; and then click on the *Trust Center Settings* button.

	Excel Options		? ×
	General	Help keep your documents safe and your computer secure and healthy.	
New	Proofing	Security & more	
Open	Save Language	Visit Office.com to learn more about protecting your privacy and security.	
Save	Advanced	Microsoft Excel Trust Center	
Save As Save as Adobe	Customize Ribbon Quick Access Toolbar	The Trust Center contains security and privacy settings. These settings help keep your computer secure. We recommend that you do not change these settings.	Trust Center Settings
PDF	Add-ins	computer secure. We recommend that you do not change trese settings.	
Print Share	Trust Center		
Export			
Publish			
Close			
Account			
Options			OK Cancel

3. In the Trust Center window, select *Macro Settings*, and then you may select *Enable all macros*, or at a minimum, select *Disable all macros with notifications*.

Trust Center		?	×
Trusted Publishers	Macro Settings		
Trusted Locations	O Disable all macros without notification		
Trusted Add-in Catalogs	Disable all macros with notification		
Add-ins	 Disable all macros except digitaliji signed macros Enable all macros (not recommended; potentially dangerous code can run) 		
ActiveX Settings	Developer Macro Settings		
Macro Settings Protected View	\Box Trust access to the <u>V</u> BA project object model		
Message Bar			
External Content			
File Block Settings			
Privacy Options			
	ОК	Ca	incel

4. In the Trust Center window, select *Message Bar*, and then select *Show the Message Bar in all applications when active content, such as ActiveX controls and macros, has been blocked*.

Trust Center	? ×
Trusted Publishers	Message Bar Settings for all Office Applications
Trusted Locations	Showing the Message Bar
Trusted Documents	Show the Message Bar in all applications when active content, such as ActiveX controls and macros, has been
Trusted Add-in Catalogs	blocked
Add-ins	Never show information about blocked content
ActiveX Settings	Policy Tips
Macro Settings	Show Policy Tip in the Message Bar. Turning this off will disable all Policy Tips unless your organization requires it.
Protected View	
Message Bar	
External Content	
File Block Settings	
Privacy Options	Enable Trust Center logging
	OK Cancel

5. Click OK a couple of times to accept the settings and close the Trust Center and Excel Options dialogue boxes.

- 5. Preparing the Form C-13CPR for Initial Use The following are guidelines for setting-up the Form C-13CPR for initial use:
 - Obtain a copy of the Form C-13CPR file, then save in the Excel Macro-Enabled Workbook (.xlsm) file format; and rename for a specific project using a naming convention that identifies the Contract ID, submission version, and type of submission (e.g. C00012345C01_BS_Baseline Schedule C-13CPR.xlsm).
 - 2. Open the file. If the PROTECTED VIEW message appears on top of the worksheet, click on the *Enable Editing* button.



3. If the macros SECURITY WARNING message appears on top of the worksheet, click on the *Enable Content* button to enable the built-in macros.



4. Click on the Controls Chart Data tab to open the Controls Chart Data worksheet, and then enter the Contractor's name (Cell A1); and type of submission and sequence number, and data date (Cell A3). Then enter the Contract ID and other required project information on the top left corner of the form (Cells C5 to C10).

		ABC Contracting Inc. Contractor's Commodity Progress Report (Form C-13CPR) Baseline Schedule (BS), DD: 3-02-21
CONTRACT ID. NO.: PROJECT NO.: FHWA PROJECT NO.: PROJECT NAME:	C00012345801 (FO) 0123-012-123, B601 Example Project	
ROUTE: CITY/COUNTY:	123 Chester/Chesterfield	Virginia Department of Transportation

5. In the Controls Chart Data worksheet, also enter the required Contract NTP Date and other required time related information on the top right corner of the form (Cells X5 to X9).



- 6. Preparing a Baseline Commodity Progress Report (CPR) For Category III and Design-Build projects, a Baseline Commodity Progress Report (CPR) is required and shall be prepared using the VDOT Form C-13CPR. The Form C-13CPR shall show the Contractor's anticipated progress each month for each selected major operation, as agreed upon by the Engineer and the Contractor. The Form C-13CPR shall be prepared using time-distributed monthly units (quantities) data generated from the cost-loaded Baseline Progress Schedule, as of the Contractor's progress estimate date. The following are guidelines for preparing a Baseline Commodity Progress Report (Form C-13CPR):
 - 1. In the Primavera P6 scheduling software, click on the *Edit* menu, then click on *User Preferences*; and then select *Resource Analysis*. Specify the *Time-Distributed Data* as shown below.

Time <u>U</u> nits	All Projects
Dates	When All Projects are shown in the Desource Lineae Profile and
Currency	Spreadsheet, all opened projects are included as well as the closed projects specified below.
<u>E</u> -Mail	C All closed projects (avcent what if projects)
Assistance	C All closed projects with a leveling projects)
Application	equal/higher than 1
Password	Opened projects only
Resource Analysis	Time-Distributed Data
Calculations	In the Resource Usage Profile and Spreadsheet, display
Startup Filters	time-distributed Remaining Early data using
Personal Information	Remaining Early dates
	C Forecast dates
	Interval for time-distributed resource Day
	Display the Pole I imit based on
	C Custom role limit
	G Calculated primary resources! limit
	Calculated primary resources limit
	(?) Help 🔂 Close

2. In the Reports window in Primavera P6, select the *Contractor's Monthly Commodity Progress Report (Form C-13CPR)*, then using the right click and Copy/Save function, create a copy of the report for project-specific use.

Report Name	Report Scope	Last Run Date
🖃 🖃 Report Group: Cost & Schedule		
Contractor's Activity Cost-loading Report (ACR)	Global	03-03-23
Contractor's Commodity Loading Report (CLR)	Global	
Contractor's Commodity-loading Report (CLR)	Global	11-01-22
The second secon	Global	10-31-22
Contractor's Monthly Commodity Progress Report (Form C-13CPR_Estimate Dates)	Global	03-15-23
📑 EP-01 Project Schedule Baseline Comparison	Global	
📑 EP-02 EPS, Project Earned Value	Global	
📑 EP-03 EPS, Project Costs	Global	
📑 EP-04 EPS, Project Labor	Global	
📑 EP-05 EPS, Project Budget, Spending and Benefit	Global	
EP-06 EPS, Project Budget Changes	Global	
EP-07 EPS, Project Monthly Spending and Benefit	Global	
Monthly Progress Eamings Schedule Report (C-13CPM_Calendar Month)	Global	01-17-23

- 3. Select the copy of the Contractor's Monthly Commodity Progress Report (Form C-13CPR), then modify the report for project-specific use as follows:
 - 1. Click on the *Tools* menu, then select *Report Wizard*.



2. In the Report Wizard Create or Modify Report window, select *Modify Wizard Report*, then click on *Next*.



3. In the Configure Selected Subject Areas box, click on the *Columns* button.

Report Wizard	×								
Configure Selected Subject Areas Configure columns, group and sort, and filter options for each subject area, if desired.									
Configure courns, group and sort, and filter options for each subject area, if desired. Selected Subject Areas Activity Resource and Role Assignments Columns Group & Sort Eiter Hide Subject Area									
O Cancel	Prev Next Finish								

4. Under the Resource Codes category, select the pre-defined project specific commodity resource code created for the project (e.g. C00012345B01_Commodity). Then click on OK.

26 Columns				×
		Selected Options	1	ок
 Activity Codes - Global 		C00012345B01_Commodity	0	Canaal
 Activity Codes - Project 			0	Cancer
+ Activity User Defined				
+ Costs	**		-	Apply
+ Dates			 -	
+ Durations			N.	Defeut
Earned Value	•		<u> </u>	Default
+ General				Edit Column
+ Percent Completes			-	Con continue.
+ Project Codes	_			
 Project User Defined 			2	Help
 Resource Codes 			-	
+ Units				
 User Defined 				

5. In the Configure Selected Subject Areas box, click on the *Group & Sort* button.

Report Wizard	×							
Configure Selected Subject Areas Configure columns, group and sort, and filter options for each subject area, if desired.								
Selected Subject Areas	Activity Resource and Role Assignments <u>Columns</u> Group & Sort <u>Filter</u> Hide Subject Area							
O Cancel	Prev Next Finish							

6. In the Group and Sort box, select the pre-defined project specific commodity resource code created for the project (e.g. C00012345B01_Commodity). Then click on *OK*.

P6 Group and Sort							×
Display Options	1	ок					
Show Grand Totals	0	Cancel					
	·					₽	Apply
Group By						×	Delete
Group By	Indent	To Level	Group Interval	Page Break	Font & Colo		
C00012345B01_Commodity		All			8 Aria		Sort
C00012345B01_Commoc					8 Aria	-	-
C00012345B01_Commoc					8 Aria		
C00012345B01_Commoc					8 Aria		
-				- ·		(?)	Help
Group By Options							
✓ Hide if empty				Show Totals			
Sort grouping bands al	phabetical	y		Bottom	•		
				,	_		
Show :							
France							
IV ID / Code							
Name / Description							

7. In the Configure Selected Subject Areas box, click on the *Filter* button.

Report Wizard	×								
Configure Selected Subject Areas Configure columns, group and sort, and filter options for each subject area, if desired.									
Selected Subject Areas	Activity Resource and Role Assignments Group & Sort Eller Hide Subject Area								
Cancel	Prev Next DE Finish								

8. In the Filter box, select the project specific commodity resource code created for the project (e.g. C00012345B01_Commodity). Define the parameters as shown below; then click on *OK*.

P6 Filte	er				-	-	o x
⊲ Disp	olay: Filte	r				1	ок
Display a	all rows	Parameter	ls	Value	High Value	-	
=		(All of the following)				0	Cancel
	Where	Open State	equals	Open			
	And	C00012345B01_Commodity	is not equal to			-	Apply
						÷	Add
						×	Delete
						ø	Cut
_						8	Сору

9. In the Configure Selected Subject Areas box, click on Next.

Report Wizard	×								
Configure Selected Subject Areas Configure columns, group and sort, and filter options for each subject area, if desired.									
Selected Subject Areas	Activity Resource and Role Assignments								
	<u>C</u> olumns								
	Group & Sort								
	<u>F</u> ilter								
	☐ Hide Subject Area								
Cancel	Prev Next Finish								

10. In the Date Options box, click on Next.

Report Wizard					×
Date Options					
Select a timescale, time-distributed data fields to view, an	d options for view	ing data over	time.		
Time cala Time Interval Fields	1				
Time interval Pields.					
Show Prior					
Show Period Total					
Show Post					
Show Total					
O Cancel	Prev	Next		8	Finish

11. In the Report Title box, rename the report to make it project-specific, click on Next.

Report Wizard						×
Report Title						
Add a title for your report.						1
hu Commodity Progress Report (C00012245801)						
ny commonly ridgress Report (coorreswood)						
O Cancel	4	Prev	Next		123	Finish
	<u> </u>	2.4.	Here	_	0.08	, ,

12. In the Report Generated box, click on Next.

Report Wizard	×
Report Generated	
Your report has been created. Click the Run Report button to preview and print the report.	
Run Report	
Cancel	Finish

13. Click on *Save Report*; then click on *Finish* to save the report and close Report Wizard.

Report Wizard	×
Congratulations	
If you save your report, you can rerun it later from the Reports screen, otherwise, it will be lost.	
Save Report	
Cancel Prev Next D	Finish

4. In the Reports window in Primavera P6, select the saved project-specific *Contractor's Monthly Commodity Progress Report*; then right-click, then click on *Run*, and then *Report*.

Report Name /	Report Scope	Last Run Date
□ 2 Report Group: Cost & Schedule		
Contractor's Activity Cost-loading Report (ACR)	Global	03-03-23
📑 Contractor's Commodity Loading Report (CLR)	Global	
Contractor's Commodity-loading Report (CLR)	Global	11-01-22
📲 Contractor's Monthly Commodity Progress Report (C00012345B01)	Global	03-15-23
Contractor's Monthly Commodity Progress Report (Form C-13CPR_Calendar Months)	Global	10-31-22
📑 EP-01 Project Schedule Baseline Comparison	Global	
EP-02 EPS, Project Earned Value	Global	
EP-03 EPS, Project Costs	Global	
📑 EP-04 EPS, Project Labor	Global	
📑 EP-05 EPS, Project Budget, Spending and Benefit	Global	
EP-06 EPS, Project Budget Changes	Global	
EP-07 EPS, Project Monthly Spending and Benefit	Global	
Monthly Progress Earnings Schedule Report (C-13CPM_Calendar Month)	Global	01-17-23

5. In Run Report dialogue box, select *Delimited Text File* and verify *Field Delimiter* and *Text Qualifier* types; and then enter the *Output file* location and name. Mark the *View file when done* checkbox to open the file when created; and then click on the *OK* button.

Run Report		×
Send Report To	1	ок
C Print Preview	0	Cancel
C Directly to Printer	_	
C E-mail Attachment	(?)	Help
C HTML File		
Elimited Text File Field Delimiter Text Qualifier Text Qualifier Text Qualifier		
Output file		
View file when done		
Notes		

6. Upon clicking on the OK button a "csv" file will be created, saved, and opened in MS Excel.

7. In the Form C-13CPR "csv" worksheet generated from Primavera P6, click on *Cell A3*, then drag down to *Cell A32* (Column A, Rows 3 thru 32) and then across to the *Total* column to select the values for each pay period and the Total column; and then right-click and click on *Copy* to copy the selected data.

			6				6				W				0	0	0	0	6			M		X
1	A	6	C	U	E	+	G	н	- F	,	ĸ	L	M	N	0	۲	ų	к	5	- F	U	v	w	X
1 0	Contractor's Monthly Comm	odity Progress Report (COUU	12345801)		- / - /			- / - /	- 1 - 1				. /. /	- / - /	- / - /	. /. /	- / - /		-		- / - /			
2	C00012345B01 Commodity		3/4/2022	4/4/2022	5/4/2022	6/4/2022	7/4/2022	8/4/2022	9/4/2022	10/4/2022	11/4/2022	12/4/2022	1/4/2023	2/4/2023	3/4/2023	4/4/2023	5/4/2023	6/4/2023	//4/2023	8/4/2023	9/4/2023	10/4/2023	11/4/2023	otal
3	EXC Excavation and Grading	Actual Units																						
4		Remaining Early Units			495.3	5649.63	10372.03	6209.71	2728.32				3112.89	28016	24925.91	15415.2	300							9722
5		Remaining Late Units			202.7	1421.17	10372.03	9366.62	3507.84	584.64				4669.33	24925.91	26666.76	15058	450						9722
0		At Completion Units			495.3	5649.63	10372.03	6209.71	2728.32			05.455	3112.89	28016	24925.91	15415.2	300	07005	07000	07005	07005	07000	07005	9722
-		cum At completion Units			495.3	6144.93	10510.97	22720.08	25455	25455	25455	23435	28567.89	56583.89	81509.8	90925	9/225	97225	9/225	9/225	97225	97225	97225	9/22
8	DRAIN Drainage	Actual Units				-																		
9		Remaining Early Units				70.4	61.6		110	110							220							57.
10		Remaining Late Units				-				352								220						57.
11		At Completion Units				70.4	61.6		110	110							220							57.
12		Cum At Completion Units				70.4	132	132	242	352	352	352	352	352	352	352	572	572	572	572	572	572	572	57.
13	PILE Drive Piles	Actual Units																						
14		Remaining Early Units						136								75.5	8.5							220
15		Remaining Late Units						136								75.5	8.5							220
16		At Completion Units						136								75.5	8.5							220
17		Cum At Completion Units						136	136	136	136	136	136	136	136	211.5	220	220	220	220	220	220	220	220
18	CONC Concrete Work	Actual Units																						
19		Remaining Early Units					60.12	116.86	47.72	12	121.05	10.05			29.08	77.05	35.87	9	118.54	15.01				652.3
20		Remaining Late Units					30.33	87.59	106.78	9.75	116.97	16.38			12.25	49.08	80.67	9	116.78	16.77				652.3
21		At Completion Units					60.12	116.86	47.72	12	121.05	10.05			29.08	77.05	35.87	9	118.54	15.01				652.3
22		Cum At Completion Units					60.12	176.98	224.7	236.7	357.75	367.8	367.8	367.8	396.88	473.93	509.8	518.8	637.34	652.35	652.35	652.35	652.35	652.3
23	BASE Aggregate Base	Actual Units																						
24		Remaining Early Units								183.33	916.67							1260						2360
25		Remaining Late Units									1100								1260					2360
26		At Completion Units								183.33	916.67							1260						2360
27		Cum At Completion Units								183.33	1100	1100	1100	1100	1100	1100	1100	2360	2360	2360	2360	2360	2360	2360
28	PAVE Asphalt Paving	Actual Units																						
29		Remaining Early Units										355								753				110
30		Remaining Late Units										355								753				110
31		At Completion Units										355								753				110
32		Cum At Completion Units										355	355	355	355	355	355	355	355	1108	1108	1108	1108	110

8. In the Form C-13CPR *Commodity Data Input* worksheet, click on *Cell A3* in the *Baseline Monthly Commodity Data* section, then right-click and then click on *Paste Values* to paste the monthly values copied from the C-13CPR "csv" worksheet.

Α	B	C	D	E	F	G	н		J	K	L	M	N	0	P	Q	R	S	T	U	V	W
Baseline Schedul	e Monthly Commodity Data	03/04/22	04/04/22	05/04/22	06/04/22	07/04/22	08/04/22	09/04/22	10/04/22	11/04/22	12/04/22	01/04/23	02/04/23	03/04/23	04/04/23	05/04/23	06/04/23	07/04/23	08/04/23	09/04/23	10/04/23	Total
EXC Excavation an	nc Actual Units																		_	_		0.
	Remaining Early Units			513.05	9507.08	11537.27	3897.60					26459 56	35798 22	9512.22								97225
	Remaining Late Units				142.00	829.10	11861 50	9894.08	2728.32					20440.58	32708.53	18620.89						97225
	At Completion Units			513.05	9507.08	11537.27	3897.60					26459.56	35798.22	9512.22								97225
	Cum At Completion Units			513.05	10020.13	21557.40	25455.00	25455.00	25455.00	25455.00	25455.00	51914.56	87712.78	97225.00	97225.00	97225.00	97225.00	97225.00	97225.00	97225.00	97225.00	97225
DRAIN Drainage	Actual Units																					0.
	Remaining Early Units				123.20	8.80	55.00	165.00						183.33	36.67							572
	Remaining Late Units								134.20	217.80						36.67	183.33					572.
	At Completion Units				123.20	8.80	55.00	165.00						183.33	36.67							572
	Cum At Completion Units				123.20	132.00	187.00	352.00	352.00	352.00	352.00	352.00	352.00	535.33	572.00	572.00	572.00	572.00	572.00	572.00	572.00	572.
PILE Drive Piles	Actual Units																					0.
	Remaining Early Units					81.50	54.50							45.00	39.00							220.
	Remaining Late Units					57.05	78.95							45.00	39.00							220
	At Completion Units					81.50	54.50							45.00	39.00							220.
	Cum At Completion Units					81.50	136.00	136.00	136.00	136.00	136.00	136.00	136.00	181.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220/
CONC Concrete W	o Actual Units																					0.
	Remaining Early Units				21.88	101.46	101.37	1.50	70.50	71.10			10.50	55.00	74.00	7.00	113.50	24.55				652.
	Remaining Late Units					43.67	94.69	87.84	70.50	60.55	10.55		1.75	44,42	80.83	19.50	109.50	28.55				652.
	At Completion Units				21.88	101.46	101.37	1.50	70.50	71.10			10.50	55.00	74.00	7.00	113.50	24.55				652.
	Cum At Completion Units				21.88	123.33	224.70	226.20	296.70	367.80	367.80	367.80	378.30	433.30	507.30	514.30	627.80	652.35	652.35	652.35	652.35	652.
BASE Aggregate Ba	as Actual Units																					0.0
	Remaining Early Units							641.67	458.33						900.00	360.00						2360.
	Remaining Late Units									1008.33	91.67						660.00	600.00				2360/
	At Completion Units							641.67	458.33						900.00	360.00						2360.
	Cum At Completion Units							641.67	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	2000.00	2360.00	2360.00	2360.00	2360.00	2360.00	2360.00	2360.
PAVE Asphalt Pavi	in Actual Units																					0.0
	Remaining Early Units									355.00								673,40	79.60			1108.
	Remaining Late Units										355.00							514.20	238.80			1108.
	At Completion Units									355.00								673.40	79.60			1108.
	Cum At Completion Units	-								355.00	355.00	355.00	355.00	355.00	255.00	355.00	355.00	1028.40	1108.00	1108.00	1108.00	1108

9. For the *Baseline* and any subsequent *Revised Baseline* submissions <u>only</u>, click on *Cell A35;* then right-click and click on *Paste Values* to paste the baseline data onto the *Current Update Schedule Monthly Commodity Data* section.

A	B	6	D	E	F	G	н	1	J	K	L	м	N	0	P	Q	R	S	т	U	V	W
Current Update	Schedule Monthly Commodity	Data	1/04/22	05/04/22	06/04/22	07/04/22	08/04/22	09/04/22	10/04/22	11/04/22	12/04/22	01/04/23	02/04/23	03/04/23	04/04/23	05/04/23	06/04/23	07/04/23	08/04/23	09/04/23	10/04/23	Tota
EXC Excavation a	Inc Actual Units										_								_			_
	Remaining Early Units			513.05	9507.08	11537.27	3897.60					26459.56	35798.22	9512.22								9722
	Remaining Late Units				142.00	829.10	11861.50	9894.08	2728.32					20440.58	32708.53	18620.89						9722
	At Completion Units			513.05	9507.08	11537.27	3897.60					26459.56	35798.22	9512.22								9722
	Cum At Completion Units			513.05	10020.13	21557.40	25455.00	25455.00	25455.00	25455.00	25455.00	51914.56	87712.78	97225.00	97225.00	97225.00	97225.00	97225.00	97225.00	97225.00	97225.00	9722
DRAIN Drainage	Actual Units																					
	Remaining Early Units				123.20	8.80	55.00	165.00						183.33	36.67							57
	Remaining Late Units								134.20	217.80						36.67	183.33					57
	At Completion Units				123.20	8.80	55.00	165.00						183.33	36.67							57
	Cum At Completion Units				123.20	132.00	187.00	352.00	352.00	352.00	352.00	352.00	352.00	535.33	572.00	572.00	572.00	572.00	572.00	572.00	572.00	57
PILE Drive Piles	Actual Units																					
	Remaining Early Units					81.50	54.50							45.00	39.00							22
	Remaining Late Units					57.05	78.95							45.00	39.00							22
	At Completion Units					81.50	54.50							45.00	39.00							22
	Cum At Completion Units					81.50	136.00	136.00	136.00	136.00	136.00	136.00	136.00	181.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	22
CONC Concrete V	Vo Actual Units																					
	Remaining Early Units				21.88	101.46	101.37	1.50	70.50	71.10			10.50	55.00	74.00	7.00	113.50	24.55				65
	Remaining Late Units					43.67	94.69	87.84	70.50	60.55	10.55		1.75	44.42	80.83	19.50	109.50	28.55				653
	At Completion Units				21.88	101.46	101.37	1.50	70.50	71.10			10.50	55.00	74.00	7.00	113.50	24.55				65
	Cum At Completion Units				21.88	123.33	224.70	226.20	296.70	367.80	367.80	367.80	378.30	433.30	507.30	514.30	627.80	652.35	652.35	652.35	652.35	65
BASE Aggregate E	las Actual Units																					1
	Remaining Early Units							641.67	458.33						900.00	360.00						236
	Remaining Late Units									1008.33	91.67						660.00	600.00				236
	At Completion Units							641.67	458.33						900.00	360.00						236
	Cum At Completion Units							641.67	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	2000.00	2360.00	2360.00	2360.00	2360.00	2360.00	2360.00	236
PAVE Asphalt Pa	vin Actual Units																					
	Remaining Early Units									355.00								673.40	79.60			110
	Remaining Late Units										355.00							514.20	238.80			110
	At Completion Units									355.00								673.40	79.60			1108
(Cum At Completion Units		_	_	_		_	_		255.00	255.00	255.00	255.00	255.00	255.00	255.00	255.00	1038.40	1102.00	1102.00	1102.00	110

- 10. Review to make sure that the monthly values for each estimate period and Total column align with the "csv" worksheet, adjust as necessary. (*Note: The number of estimated periods shown on the Form C-13CPR may be more or less than the number of estimate periods in the monthly cost data "csv" worksheet, if the calculated finish date of the project is different from the Contract Completion Date or Current Projected Date entered on the Form C-13CPR). Adjust as necessary using the MS Excel Copy/Paste function.*
- 11. Click on the *Progress Charts* tab at the bottom to display the Charts worksheet. Click on the *Update Progress Charts* button to update the charts when the data is updated.

							C	Contra	Al ctor's C Baselin	BC Col commo ne Sche	ntract dity Pr dule (BS	ogress), DD: 3	C. Repor -01-22	t (CPR))							
CONTRACT II PROJECT NO FHWA PROJE PROJECT NAI ROUTE: CITY/COUNT	D. NO.: .: CT NO.: ME: Y:	C0001234 (FO) 0123 Route 123 123 Chester/C	-012-123, Over Mea	. B601 adow Cree	ek Bridge	Replacem	ent			V	/irginia D	Departmen	nt of Tran	Insportatio	on	C P F C	CONTRACT CONTRACT PROJECTEE FIRST PROG CURRENT F	T NTP DAT T COMPLE D COMPLE GRESS EST PROGRESS	TE: TION DAT TION DAT IMATE DA SESTIMATE	E: TE: ITE: E DATE:	Ma Septemb Septemb Ma Ma	arch 1, 202 per 28, 202 per 28, 202 arch 4, 202 arch 4, 202
	110.0%		Upda Progress	te Charts			Exca	vation	and C	Gradin	g Com	modit	y Prog	gress C	Chart							
9																						
~	100.0%	<u> </u>															/					
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nplete (%	90.0% 80.0%												/	\langle		/	/					
Complete (%	90.0% 80.0% 70.0%												/	/		/	/					
ent Complete (%	90.0% 90.0% 80.0% 70.0% 60.0%												/	<	/	/						
ercent Complete (%	90.0% 90.0% 80.0% 70.0% 60.0% 50.0%												/	<	/	/						
ss Percent Complete (%	100.0% 90.0% 80.0% 70.0% 60.0% 50.0% 40.0%											_	/	_	/	/						
gress Percent Complete (%	100.0% 90.0% 80.0% 70.0% 60.0% 50.0% 40.0% 30.0%											_	/	_	/	/						
Progress Percent Complete (%	100.0% 90.0% 80.0% 70.0% 60.0% 50.0% 40.0% 30.0% 20.0%											_	/	/	/	/						
Progress Percent Complete (%	100.0% 90.0% 80.0% 70.0% 60.0% 50.0% 40.0% 30.0% 20.0% 10.0%											_	/	/	/	/						
Progress Percent Complete (%	100.0% 90.0% 80.0% 70.0% 60.0% 50.0% 40.0% 30.0% 10.0% 0.0%											_	/	/	/	/						
Progress Percent Complete (%	100.0% 90.0% 80.0% 70.0% 60.0% 50.0% 40.0% 30.0% 20.0% 10.0%		Mar-22	Apr-22	May-22	Jun-22	huli-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr 23	May-23	Jun-23	Jul-23	Aug-23	5ep-23	Oct-23
Progress Percent Complete (%	100.0% 90.0% 80.0% 70.0% 60.0% 50.0% 40.0% 30.0% 20.0% 10.0% 0.0%	Mar-22 0.0%	Mar-22 0.0%	Apt-22 0.0%	May-22 0.5%	Jun-22 10.3%	hui-22 22.2%	Aug-22 26.2%	Sep-22 26.2%	Oct-22 26.2%	Nov-22 26.2%	Dec-22 26.2%	Jan-23 53.4%	Feb-23 90.2%	Mar-23 100.0%	Арг 23 100.0%	May-23 100.0%	Jun-23 100.0%	Jul-23 100.0%	Aug-23 100.0%	Sep-23 100.0%	Oct-23 100.0%
Progress Percent Complete (%	100.0% 90.0% 80.0% 70.0% 60.0% 50.0% 40.0% 30.0% 20.0% 10.0% 0.0% ine (Early) ine (Early)	Mar-22 0.0% 0.0%	Mar-22 0.0% 0.0%	Apr-22 0.0% 0.0%	May-22 0.5% 0.5%	Jun-22 10.3% 0.1%	Jul-22 22.2% 10%	Aug-22 26.2% 13.2%	Sep-22 26.2% 23.4% 26.2%	Oct-22 26.2% 26.2%	Nov-22 26.2% 26.2% 26.2%	Dec-22 26.2% 26.2% 26.2%	Jan-23 53.4% 26.2%	Feb-23 90.2% 26.2% 90.2%	Mar-23 100.0% 47.2%	Apr-23 100.0% 80.8%	May-23 100.0% 100.0%	Jun-23 100.0% 100.0%	Jul-23 100.0% 100.0%	Aug-23 100.0% 100.0%	5ep-23 100.0% 100.0%	Oct-23 100.0% 100.0%

12. In the Controls Charts Data worksheet, you may click on the *Show Progress Data* button to display the Progress Data worksheet.

									Contrac	tor's Cor Bas	ABC Co nmodity eline Sche	ontractii Progress dule (BS),	n g Inc. Report (DD: 3-01-	Form C-1 22	.3CPR)	
CONTRACT I	D. NO.:	C00012345	5B01								7 -					
PROJECT NO		(FO) 0123-	012-123, B	501												
FHWA PROJE	ECT NO.:									V						
PROJECT NA	ME:	Route 123	Over Mead	ow Creek B	ridge Repla	cement										
ROUTE:		123					Show	Prograss		Vir	ginia D	epartme	ent of Ti	ranspor	tation	
CITY/COUNT	TY:	Chester/Ch	nesterfield					Data								
Controls		Excavation	and Gradin	5		Drai	nage			Drive	e Piles			Concre	te Work	
Charts Progress Periods	Baseline (Early)	Baseline (Late)	Actual Progress	Projected Progress	Baseline (Early)	Baseline (Late)	Actual Progress	Projected Progress	Baseline (Early)	Baseline (Late)	Actual Progress	Projected Progress	Baseline (Early)	Baseline (Late)	Actual Progress	Projected Progress

13. The Progress Data worksheet displays the monthly production data (quantities) used in calculating the progress percentages.

			Excavation	and Gradin	e				Drai	nage					Drive	e Piles					Concret	e Work					Accrea	ite Base		
Monthly	Monthly Baseline	Cum Baseline	Monthly	Cum	Monthly Actual/	Cum Actual/	Monthly	Cum	Monthly Baseline	Cum Baseline	Monthly Actual/	Cum Actual/	Monthly Baseline	Cum Baseline	Monthly	Cum Baseline	Monthly Actual/	Cum Actual/	Monthly Baseline	Cum Baseline	Monthly	Cum Baseline	Monthly Actual/	Cum Actual/	Monthly Baseline	Cum Baseline	Monthly Baseline	Cum Baseline	Monthly Actual/	Cum Actual/
Estimate	(Early)	(Early)	(Late)	(Late)	Forecast	Forecast	(Early)	(Early)	(Late)	(Late)	Forecast	Forecast	(Early)	(Early)	(Late)	(Late)	Forecast	Forecast	(Early)	(Early)	(Late)	(Late)	Forecast	Forecast	(Early)	(Early)	(Late)	(Late)	Forecast	Forecast
Dates	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
03/04/22																														
04/04/22		1.1	1.1			1.1		1.1		1.1			1.1	1.1	1.1		1.1	1.1									1.1			1.1
05/04/22	495	495	203	203	495	495		1.1	1.1	1.1		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1				1.1	1.1		1.1	1.1		1.1
05/04/22	5,650	6,145	1,421	1,624	5,650	6,145	70	70	1.1	1.1	70	70	1.1	1.1			1.1	1.1		1.1					1.1					1.1
07/04/22	10,372	16,517	10,372	11,996	10,372	16,517	62	132		1.1	62	132	1.1				1.1	1.1	60	60	30	30	60	60						1.1
08/04/22	6,210	22,727	9,367	21,363	6,210	22,727		132	1.1	1.1		132	135	136	136	136	136	136	117	177	88	118	117	177						1.11
09/04/22	2,728	25,455	3,508	24,870	2,728	25,455	110	242	1.1	1.1	110	242	1.1	136	1.1	136	1.1	135	48	225	107	225	48	225	1.1	1.1	1.1			1.1.1
10/04/22	1.1	25,455	585	25,455	1.1	25,455	110	352	352	352	110	352	1.1	136	1.1	136	1.1	136	12	237	10	234	12	237	183	183	1.1		183	183
11/04/22		25,455		25,455		25,455		352		352		352	1.1	136		136	1.1	136	121	358	117	351	121	358	917	1,100	1,100	1,100	917	1,100
12/04/22		25,455		25,455		25,455		352		352		352	1.1	136		136	1.1	136	10	368	16	368	10	368		1,100		1,100		1,100
01/04/23	3,113	28,568		25,455	3,113	28,568		352		352		352	1.1	136		136	1.1	136		368		368		368	1.1	1,100		1,100		1,100
02/04/23	28,016	56,584	4,669	30,124	28,016	56,584		352		352		352		136		136		136		368		368		368		1,100		1,100		1,100
03/04/23	24,926	81,510	24,926	55,050	24,926	81,510		352		352		352		136		136		136	29	397	12	380	29	397		1,100		1,100		1,100
04/04/23	15,415	96,925	26,667	81,717	15,415	96,925		352		352		352	76	212	76	212	76	212	77	474	49	429	77	474		1,100		1,100		1,100
05/04/23	300	97,225	15,058	96,775	300	97,225	220	572		352	220	572	9	220	9	220	9	220	36	510	81	510	36	510		1,100		1,100		1,100
06/04/23		97,225	450	97,225		97,225		572	220	572		572	1.1	220		220	1.1	220	9	519	9	519	9	519	1,260	2,360		1,100	1,260	2,360
07/04/23		97,225		97,225		97,225		572		572		572		220		220		220	119	637	117	636	119	637		2,360	1,260	2,360		2,360
08/04/23		97,225		97,225		97,225	-	572		572		572		220		220		220	15	652	17	652	15	652		2,360		2,360	<u> </u>	2,360
09/04/23		97,225		97,225		97,225	-	572		572		572	1.1	220		220	1.1	220		652		652		652		2,360		2,360		2,360
10/04/23		97,225		97,225		97,225		572		572		572	1.1	220		220	1.1	220		652		652		652	1.1	2,360	1.1	2,360		2,360
11/04/23		97,225		97,225		97,225		572		572		572		220		220		220		652		652		652		2,360		2,360		2,360

- 7. Preparing an Update Commodity Progress Report (CPR) For Category III and Design-Build projects, an Update Commodity Progress Report (CPR) is required and shall be prepared using the VDOT Form C-13CPR. The Form C-13CPR shall show the Contractor's actual/projected progress each month for each selected major operation, as agreed upon by the Engineer and the Contractor. The Form C-13CPR shall be prepared using time-distributed monthly units (quantities) data generated from the cost-loaded Update Progress Schedule, as of the Contractor's progress estimate date. The following are guidelines for preparing an Update Commodity Progress Report (Form C-13CPR):
 - 1. Obtain the previously accepted Form C-13CPR, then save a copy and rename the file to indicate the submission type, number, and current data date of the update (e.g. C00012345C01_U01_C-13CPR_4-4-22.xls).
 - 2. In the Controls Chart Data worksheet and on the top right corner of the form (Cells X5 to X9), update the current *Contract Completion Date*, *Projected Completion*, and *Current Progress Estimate Date* (Data Date), as needed.



3. Open the current Update Schedule in Primavera P6. In the Reports window in Primavera P6, select the previously saved project-specific *Contractor's Monthly Commodity Progress Report;* then right-click, then click on *Run*, and then *Report*.

Report Name /	Report Scope	Last Run Date
🖃 🖃 🗐 Report Group: Cost & Schedule		
Contractor's Activity Cost-loading Report (ACR)	Global	03-03-23
🔄 Contractor's Commodity Loading Report (CLR)	Global	
Contractor's Commodity-loading Report (CLR)	Global	11-01-22
Contractor's Monthly Commodity Progress Report (C00012345801)	Global	03-15-23
Contractor's Monthly Commodity Progress Report (Form C-13CPR_Calendar Months)	Global	10-31-22
😰 EP-01 Project Schedule Baseline Comparison	Global	
EP-02 EPS, Project Earned Value	Global	
EP-03 EPS, Project Costs	Global	
EP-04 EPS, Project Labor	Global	
EP-05 EPS, Project Budget, Spending and Benefit	Global	
EP-06 EPS, Project Budget Changes	Global	
EP-07 EPS, Project Monthly Spending and Benefit	Global	
Monthly Progress Earnings Schedule Report (C-13CPM_Calendar Month)	Global	01-17-23

4. In Run Report dialogue box, select *Delimited Text File* and verify *Field Delimiter* and *Text Qualifier* types; and then enter the *Output file* location and name. Mark the *View file when done* checkbox to open the file when created; and then click on the *OK* button.

Run Report		×
Send Report To	 Image: A start of the start of	ок
C Print Preview	0	Cancel
C Directly to Printer		
C E-mail Attachment	(?)	Help
C HTML File		
Delimited Text File Field Delimiter Text Qualifier		
Output file		
C:\Users\frank.gbinije\Documents\POST-AWARD SCHEDULING\S1		
View file when done		
Notes		

- 5. Upon clicking on the OK button a "csv" file will be created, saved, and opened in MS Excel.
- 6. In the Form C-13CPR "csv" worksheet generated from Primavera P6, click on *Cell A3*, then drag down to *Cell A32* (Column A, Rows 3 thru 32) and then across to the *Total* column to select the values for each pay period and the Total column; and then right-click and click on *Copy* to copy the selected data.

_																								_
1	A	B	с	D	E	F	G	н	1	J	ĸ	L	M	N	0	Ρ	Q	R	S	т	U	V	W	×
1	Contractor's Monthly Commodity Prog	gress Report (C00012345B01)																						
2	C00012345B01_Commodity		3/4/2022	4/4/2022	5/4/2022	6/4/2022	7/4/2022	8/4/2022	9/4/2022	10/4/2022	11/4/2022	12/4/2022	1/4/2023	2/4/2023	3/4/2023	4/4/2023	5/4/2023	6/4/2023	7/4/2023	8/4/2023	9/4/2023	10/4/2023	11/4/2023	fotal
3	EXC: Excavation and Grading	Actual Units			351.33	2001.93	11590.57																	14009.8
4		Remaining Early Units						7937.33	3507.84				3112.89	28016	24925.91	15415.2	300							83215.1
5		Remaining Late Units						7352.69	3507.84	584.64				4669.33	24925.91	26666.76	15058	450						83215.1
6		At Completion Units			351.33	2061.93	11596.57	7937.33	3507.84				3112.89	28016	24925.91	15415.2	300							9722
7		Cum At Completion Units			351.33	2413.26	14009.83	21947.16	25455	25455	25455	25455	28567.89	56583.89	81509.8	96925	97225	97225	97225	97225	97225	97225	97225	9722
8	DRAIN Drainage	Actual Units				31.68	56.32																	8
9		Remaining Early Units						44		220							220							48
10		Remaining Late Units								264								220						48
11		At Completion Units				31.68	56.32	44		220							220							57
12		Cum At Completion Units				31.68	88	132	132	352	352	352	352	352	352	352	572	572	572	572	572	572	572	57
13	PILE Drive Piles	Actual Units																						
14		Remaining Early Units						136								75.5	8.5							22
15		Remaining Late Units						136								75.5	8.5							22
16		At Completion Units						136								75.5	8.5							22
17		Cum At Completion Units						136	136	136	136	136	136	136	136	211.5	220	220	220	220	220	220	220	22
18	CONC Concrete Work	Actual Units					38.33																	38.3
19		Remaining Early Units						127.98	58.38	12	121.05	10.05			29.08	77.05	35.87	9	118.54	15.01				614.0
20		Remaining Late Units						79.59	106.78	9.75	116.97	16.38			12.25	49.08	80.67	9	116.78	16.77				614.0
21		At Completion Units					38.33	127.98	58.38	12	121.05	10.05			29.08	77.05	35.87	9	118.54	15.01				652.3
22		Cum At Completion Units					38.33	166.32	224.7	236.7	357.75	367.8	367.8	367.8	396.88	473.93	509.8	518.8	637.34	652.35	652.35	652.35	652.35	652.3
23	BASE Aggregate Base	Actual Units																						
24		Remaining Early Units									1100							1260						236
25		Remaining Late Units									1100								1260					236
26		At Completion Units									1100							1260						236
27		Cum At Completion Units									1100	1100	1100	1100	1100	1100	1100	2360	2360	2360	2360	2360	2360	236
28	PAVE Asphalt Paving	Actual Units																						
29		Remaining Early Units										355								753				110
30		Remaining Late Units										355								753				110
31		At Completion Units										355								753				110
32		Cum At Completion Units	_	_	_	_	_	_	_	_	_	330	330	355	225	330	220	355	220	1109	1102	1102	1109	110

7. In the Form C-13CPR *Commodity Data Input* worksheet, click on *Cell A35;* then right-click and click on *Paste Values* to paste the current update data onto the *Current Update Schedule Monthly Commodity Data* section.

Δ	0	D E	F	G	н	1	J	ĸ	L	м	N	0	P	Q	R	S	T	U	V	W	X
Current Update	Schedule Monthly Commodity Data																				
EVC Excavation a	od Actual Linite	351 23	2061.93	11506 57	112/10/17/	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				111/11/11/11			TRAVISION OF T	115/10/7/1	105/104/74		- INVITATION				140
Che chearanna	Pagaining Early Units		2001.33	11370.37	7017 11	3507 94				2112 00	20016-00	24925 91	15415 20	200.00							032
	Permaining Late Units				7352.60	2507.94	594 64			5112.05	4660 22	24925.91	26666 76	15058.00	450.00						932
	At Completion Units	251 23	2061.03	11505 57	7037 33	2507.94	204.04			2112.00	20016-00	24925.91	15415 20	200.00	-50.00						972
	Cum At Completion Units	351 33	2413.26	14000 93	21047.16	25455.00	25455.00	25455.00	25455.00	22567.99	56593 99	91509 90	96925.00	97225.00	97225.00	97225.00	97225.00	97225.00	97225.00	97225.00	972
PAIN Drainage	Actual Unite		31.68	56 32		10400.00	1.000.00		10400.00	20307.03	20202.02	01303.00	20222.00	11223.00	11223.00	57112.00	571225.00	27112.2.00	57225.00	57223.00	
notin braninge	Pamaining Early Unitr		51.00	20.24	44.00		220.00							220.00							44
	Pemaining Late Units						264.00							220.00	220.00						41
	At Completion Units		31.69	56 32	44.00		220.00							220.00	110.00						
	Cum At Completion Units		31.68	88.00	122.00	122.00	152.00	352.00	152.00	352.00	152.00	352.00	152.00	572.00	\$72.00	\$72.00	572.00	\$72.00	\$72.00	\$72.00	57
ILE Drive Piles	Actual Units		51.00	00.00	171.00	101.00	001.00		332.00	001.00	002.00	002.00	552.00	572.00	572.00	372.00	572.00	572.00	572.00	572.00	
the other thes	Remaining Farly Units				136.00								75.50	8.50							23
	Remaining Late Units				136.00								75.50	8.50							23
	At Completion Units				136.00								75.50	8.50							23
	Cum At Completion Units				136.00	136.00	136.00	136.00	136.00	136.00	136.00	136.00	211 50	220.00	220.00	220.00	220.00	220.00	220.00	220.00	23
ONC Concrete W	VocActual Units			38.33																	
	Remaining Farly Units				127.98	58.38	12.00	121.05	10.05			29.08	77.05	35.87	9.00	118 54	15.01				61
	Remaining Late Units				79 59	106.78	9.75	116.97	16.38			12.25	49.08	80.67	9.00	116.78	16.77				61
	At Completion Units			38.33	127.98	58.38	12.00	121.05	10.05			29.08	77.05	35.87	9.00	118 54	15.01				65
	Cum At Completion Units			38.33	166.32	224 70	236 70	357.75	367.80	367.80	367.80	196 88	473.93	509.80	518.80	637.34	652.35	652.35	652.35	652.35	65
ASE Aggregate B	as Actual Units																				
	Remaining Early Units							1100.00							1260.00						236
	Remaining Late Units							1100.00								1260.00					236
	At Completion Units							1100.00							1260.00						236
	Cum At Completion Units							1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	2360.00	2360.00	2360.00	2360.00	2360.00	2360.00	230
AVE Asphalt Pay	vin Actual Units																				
	Remaining Early Units								355.00								753.00				110
	Remaining Late Units								355.00								753.00				110
	At Completion Units								355.00								753.00				110
	Com to Completion Units								355.00	255.00	211.00	100.00	355.00	211.00	2410.000	355.00	1102.00	1100.00	1100.00	1102.00	

- 8. Review to make sure that the monthly values for each estimate period and Total column align with the "csv" worksheet, adjust as necessary. (*Note: The number of estimated periods shown on the Form C-13CPR may be more or less than the number of estimate periods in the monthly cost data "csv" worksheet, if the calculated finish date of the project is different from the Contract Completion Date or Current Projected Date entered on the Form C-13CPR). Adjust as necessary using the MS Excel Copy/Paste function.*
- 9. Click on the *Progress Charts* tab at the bottom to display the Charts worksheet. Click on the *Update Progress Charts* button to update the charts when the data is updated.



10. In the Controls Charts Data worksheet, you may click on the *Show Progress Data* button to display the Progress Data worksheet.

6	. 5 - 6	eren - Example Update 4 Form C-13CPR.xtm - Excel 🔟 -																							
F	e Home Insert Page Layout Formulas Data Review View Developer ProjectWise Acrobat Q Tell me what you want to do Sign in δ Cut															A. Share									
Pas	te 💞 Forma	at Painter	Calibri B I U	• 11 • 🖽 •	 A A A - A 	==;		🔐 Wraj	o Text ge & Center	Genera	al % * %	Con Form	itional Fo natting * 1	rmat as able ~	ormal eutral	Bad	ulation	Good Check	Cell		t Delete F	ormat v	AutoSum • Fill • Clear •	AT Sort & Fi Filter * Se	D nd & lect *
	Clipboard	6		Font			Alig	nment		6	Number					Styles					Cells		Ed	iting	^
X9		• E 2	×	fx 7/	4/2022																				~
	Α	В	С	D	E	F	G	н	1	J	К	L	М	N	0	Р	Q	R	S	т	U	v	w	х	Y 🔺
2										Contract	tor's Con	nmodity	Progress	Report (Form C-:	13CPR)									
3 4 5 6 7 8 9 10	Update Schedule 4 (U04), DD; 7-04-22															th 1, 2022 27, 2023 27, 2023 th 4, 2022 th 4, 2022									
		Excavation and Grading Drainage Drive Piles Concrete Work Azeresate Base Asah													halt Paving										
12	Controls		Excavation a	nd Grading			Drai	nage			Drive	Piles			Concre	te Work			Aggrega	ate Base			Asphalt	Paving	
12 13	Controls Charts Progress	Baseline (Farbu)	Excavation a Baseline	nd Grading Actual	Projected	Baseline (Farby)	Drain Baseline	Actual	Projected	Baseline (Farly)	Drive Baseline (Lato)	Piles Actual	Projected	Baseline (Farly)	Concre Baseline	Actual	Projected	Baseline (Farb)	Aggrega Baseline	Actual	Projected	Baseline (Earbi)	Asphalt Baseline	Paving Actual	Projected
12 13 14	Controls Charts Progress Periods	Baseline (Early)	Excavation a Baseline (Late)	nd Grading Actual Progress	Projected Progress	Baseline (Early)	Drain Baseline (Late)	Actual Progress	Projected Progress	Baseline (Early)	Drive Baseline (Late)	Piles Actual Progress	Projected Progress	Baseline (Early)	Concre Baseline (Late)	Actual Progress	Projected Progress	Baseline (Early)	Aggrega Baseline (Late)	Actual Progress	Projected Progress	Baseline (Early)	Asphalt Baseline (Late)	Paving Actual Progress	Projected Progress
12 13 14 15	Controls Charts Progress Periods Mar-22 Mar-22	Baseline (Early) 0.0%	Excavation a Baseline (Late) 0.0%	nd Grading Actual Progress 0.0%	Projected Progress 0.0%	Baseline (Early)	Drain Baseline (Late) 0.0%	Actual Progress 0.0%	Projected Progress 0.0%	Baseline (Early)	Drive Baseline (Late) 0.0%	Piles Actual Progress 0.0%	Projected Progress 0.0%	Baseline (Early)	Concre Baseline (Late) 0.0%	Actual Progress 0.0%	Projected Progress 0.0%	Baseline (Early) 0.0%	Aggrega Baseline (Late) 0.0%	Actual Progress	Projected Progress 0.0%	Baseline (Early)	Asphalt Baseline (Late) 0.0%	Paving Actual Progress 0.0%	Projected Progress 0.0%
11 12 13 14 15 16 17	Controls Charts Progress Periods Mar-22 Mar-22 Apr-22	Baseline (Early) 0.0% 0.0%	Excavation a Baseline (Late) 0.0% 0.0%	nd Grading Actual Progress 0.0% 0.0%	Projected Progress 0.0% 0.0%	Baseline (Early) 0.0% 0.0%	Drain Baseline (Late) 0.0% 0.0%	hage Actual Progress 0.0% 0.0%	Projected Progress 0.0% 0.0%	Baseline (Early) 0.0% 0.0%	Drive Baseline (Late) 0.0% 0.0%	Piles Actual Progress 0.0% 0.0%	Projected Progress 0.0% 0.0%	Baseline (Early) 0.0% 0.0%	Concre Baseline (Late) 0.0% 0.0%	Ketter Work Actual Progress 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0%	Baseline (Early) 0.0% 0.0%	Aggrega Baseline (Late) 0.0% 0.0%	Actual Progress 0.0% 0.0%	Projected Progress 0.0% 0.0%	Baseline (Early) 0.0% 0.0%	Asphalt Baseline (Late) 0.0% 0.0%	Paving Actual Progress 0.0% 0.0%	Projected Progress 0.0% 0.0%
112 13 14 15 16 17 18	Controls Charts Progress Periods Mar-22 Mar-22 May-22 May-22	Baseline (Early) 0.0% 0.0% 0.5%	Excavation a Baseline (Late) 0.0% 0.0% 0.2%	nd Grading Actual Progress 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.4%	Baseline (Early) 0.0% 0.0% 0.0%	Drain Baseline (Late) 0.0% 0.0% 0.0%	hage Actual Progress 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0%	Drive Baseline (Late) 0.0% 0.0% 0.0%	Piles Actual Progress 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0%	Concre Baseline (Late) 0.0% 0.0% 0.0%	Work Actual Progress 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0%	Aggrega Baseline (Late) 0.0% 0.0% 0.0%	ate Base Actual Progress 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0%	Asphalt Baseline (Late) 0.0% 0.0% 0.0%	Paving Actual Progress 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0%
12 13 14 15 16 17 18 19	Controls Charts Progress Periods Mar-22 Apr-22 May-22 Jun-22	Baseline (Early) 0.0% 0.0% 0.5% 6.3%	Excavation a Baseline (Late) 0.0% 0.0% 0.2% 1.7%	nd Grading Actual Progress 0.0% 0.0% 0.4% 2.5%	Projected Progress 0.0% 0.0% 0.4% 2.5%	Baseline (Early) 0.0% 0.0% 0.0% 12.3%	Drain Baseline (Late) 0.0% 0.0% 0.0% 0.0%	Actual Progress 0.0% 0.0% 0.0% 5.5%	Projected Progress 0.0% 0.0% 0.0% 5.5%	Baseline (Early) 0.0% 0.0% 0.0% 0.0%	Drive Baseline (Late) 0.0% 0.0% 0.0% 0.0%	Piles Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0% 0.0%	Concre Baseline (Late) 0.0% 0.0% 0.0%	Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0% 0.0%	Aggrega Baseline (Late) 0.0% 0.0% 0.0% 0.0%	Actual Progress 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0% 0.0%	Asphalt Baseline (Late) 0.0% 0.0% 0.0% 0.0%	Paving Actual Progress 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0%
112 13 14 15 16 17 18 19 20	Controls Charts Progress Periods Mar-22 May-22 Jun-22 Jun-22 Jul-22	Baseline (Early) 0.0% 0.0% 0.5% 6.3% 17.0%	Excavation a Baseline (Late) 0.0% 0.0% 0.2% 1.7% 12.3%	nd Grading Actual Progress 0.0% 0.0% 0.4% 2.5% 14.4%	Projected Progress 0.0% 0.0% 0.4% 2.5% 14.4%	Baseline (Early) 0.0% 0.0% 0.0% 12.3% 23.1%	Drain Baseline (Late) 0.0% 0.0% 0.0% 0.0%	hage Actual Progress 0.0% 0.0% 0.0% 5.5% 15.4%	Projected Progress 0.0% 0.0% 0.0% 5.5% 15.4%	Baseline (Early) 0.0% 0.0% 0.0% 0.0%	Drive Baseline (Late) 0.0% 0.0% 0.0% 0.0%	Piles Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Projected Progress 0.0% 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 9.2%	Concre Baseline (Late) 0.0% 0.0% 0.0% 0.0%	Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 5.9%	Projected Progress 0.0% 0.0% 0.0% 0.0% 5.9%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0%	Aggrega Baseline (Late) 0.0% 0.0% 0.0% 0.0%	Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0% 0.0%	Asphalt Baseline (Late) 0.0% 0.0% 0.0% 0.0%	Paving Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0%
11 12 13 14 15 16 17 18 19 20 21	Controls Charts Progress Periods Mar-22 Apr-22 Jun-22 Jun-22 Jul-22 Aug-22	Baseline (Early) 0.0% 0.0% 0.5% 6.3% 17.0% 23.4%	Excavation a Baseline (Late) 0.0% 0.0% 0.2% 1.7% 12.3% 22.0%	nd Grading Actual Progress 0.0% 0.0% 0.0% 0.4% 2.5% 14.4%	Projected Progress 0.0% 0.0% 0.4% 2.5% 14.4% 22.6%	Baseline (Early) 0.0% 0.0% 0.0% 12.3% 23.1% 23.1%	Drain Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0%	Actual Progress 0.0% 0.0% 0.0% 0.0% 5.5%	Projected Progress 0.0% 0.0% 0.0% 5.5% 15.4% 23.1%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 61.8%	Drive Baseline (Late) 0.0% 0.0% 0.0% 0.0% 61.8%	Piles Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 61.8%	Baseline (Early) 0.0% 0.0% 0.0% 9.2% 27.1%	Concre Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 18.1%	Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 5.9% 25.5%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Aggrega Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0%	ate Base Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0%	Asphalt Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0%	Paving Actual Progress 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%
112 13 14 15 16 17 18 19 20 21 22	Controls Charts Progress Periods Mar-22 Mar-22 Apr-22 Jun-22 Jun-22 Jul-22 Aug-22 Sep-22	Baseline (Early) 0.0% 0.0% 0.5% 6.3% 17.0% 23.4% 26.2%	Excavation a Baseline (tate) 0.0% 0.0% 0.2% 1.7% 12.3% 22.0% 25.6%	nd Grading Actual Progress 0.0% 0.0% 0.4% 2.5% 14.4%	Projected Progress 0.0% 0.0% 0.4% 2.5% 14.4% 22.6% 26.2%	Baseline (Early) 0.0% 0.0% 0.0% 12.3% 23.1% 23.1% 42.3%	Drain Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	hage Actual Progress 0.0% 0.0% 0.0% 5.5% 15.4%	Projected Progress 0.0% 0.0% 0.0% 5.5% 15.4% 23.1% 23.1%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 61.8%	Drive Baseline (Late) 0.0% 0.0% 0.0% 0.0% 61.8%	Piles Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Projected Progress 0.0% 0.0% 0.0% 0.0% 61.8%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 9.2% 27.1% 34.4%	Concre Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 18.1% 34.4%	Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 5.9%	Projected Progress 0.0% 0.0% 0.0% 0.0% 5.9% 25.5% 34.4%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Aggregat Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0%	Actual Progress 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Asphalt Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0%	Paving Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%
11 12 13 14 15 16 17 18 19 20 21 22 23	Controls Charts Progress Periods Mar-22 Apr-22 Jun-22 Jun-22 Jul-22 Aug-22 Sep-22 Oct-22	Baseline (Early) 0.0% 0.0% 0.5% 6.3% 17.0% 23.4% 26.2%	Descavation a Baseline (Late) 0.0% 0.0% 0.0% 1.7% 12.3% 22.0% 25.6% 26.2%	nd Grading Actual Progress 0.0% 0.0% 0.4% 2.5% 14.4%	Projected Progress 0.0% 0.0% 0.4% 2.5% 14.4% 22.6% 26.2%	Baseline (Early) 0.0% 0.0% 0.0% 12.3% 23.1% 23.1% 42.3% 61.5%	Drain Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	hage Actual Progress 0.0% 0.0% 0.0% 5.5% 15.4%	Projected Progress 0.0% 0.0% 0.0% 5.5% 15.4% 23.1% 23.1% 61.5%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 61.8% 61.8%	Drive Baseline (Late) 0.0% 0.0% 0.0% 0.0% 61.8% 61.8%	Piles Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 61.8% 61.8%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 9.2% 27.1% 34.4% 36.3%	Concre Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	te Work Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Projected Progress 0.0% 0.0% 0.0% 0.0% 5.9% 25.5% 34.4% 36.3%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Aggrege Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Asphalt Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Paving Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%
12 13 14 15 16 17 18 19 20 21 22 23 24	Controls Charts Progress Periods Mar-22 Apr-22 Jun-22 Jun-22 Jun-22 Jun-22 Sep-22 Sep-22 Oct-22 Nov-22	Baseline (Early) 0.0% 0.0% 0.5% 6.3% 17.0% 23.4% 26.2% 26.2%	Excavation a Baseline (Late) 0.0% 0.0% 0.0% 1.7% 12.3% 22.0% 25.6% 26.2% 26.2%	nd Grading Actual Progress 0.0% 0.0% 0.4% 2.5% 14.4%	Projected Progress 0.0% 0.0% 0.4% 2.5% 14.4% 22.6% 26.2% 26.2% 26.2%	Baseline (Early) 0.0% 0.0% 0.0% 12.3% 23.1% 23.1% 42.3% 61.5%	Draid Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.15%	Actual Progress 0.0% 0.0% 0.0% 5.5% 15.4%	Projected Progress 0.0% 0.0% 0.0% 5.5% 15.4% 23.1% 23.1% 61.5%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 61.8% 61.8% 61.8%	Drive Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1.% 0.1.%	Piles Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Projected Progress 0.0% 0.0% 0.0% 0.0% 61.8% 61.8% 61.8%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 9.2% 27.1% 34.4% 36.3% 54.8%	Concre Baseline (Late) 0.0% 0.0% 0.0% 0.0% 4.6% 18.1% 34.4% 53.9%	te Work Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Projected Progress 0.0% 0.0% 0.0% 0.0% 5.9% 25.5% 34.4% 36.3% 54.8%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Aggrege Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Asphalt Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Paving Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.
112 13 14 15 16 17 18 19 20 21 21 22 23 24 25	Controls Charts Progress Periods Mar-22 Mar-22 Jun-	Baseline (Early) 0.0% 0.0% 0.0% 0.3% 23.4% 23.4% 26.2% 26.2% 26.2%	Excavation a Baseline (tate) 0.0% 0.0% 0.2% 1.7% 12.3% 22.0% 25.6% 26.2% 26.2%	nd Grading Actual Progress 0.0% 0.0% 0.4% 2.5% 14.4%	Projected Progress 0.0% 0.0% 0.4% 2.5% 14.4% 22.6% 26.2% 26.2% 26.2%	Baseline (Early) 0.0% 0.0% 0.0% 12.3% 23.1% 23.1% 42.3% 61.5% 61.5%	Draid Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.15% 61.5%	Actual Progress 0.0% 0.0% 0.0% 5.5% 15.4%	Projected Progress 0.0% 0.0% 0.0% 5.5% 15.4% 23.1% 61.5% 61.5%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 61.8% 61.8% 61.8% 61.8%	Drive Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.1% 61.8% 61.8% 61.8%	Piles Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 61.8% 61.8% 61.8%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 27.1% 27.1% 34.4% 36.3% 54.8%	Concre Baseline (Late) 0.0% 0.0% 0.0% 0.0% 4.6% 18.1% 34.4% 35.9% 53.9%	te Work Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Projected Progress 0.0% 0.0% 0.0% 5.9% 25.5% 34.4% 36.3% 54.8%	Baseline (Early) 0.0% 0.6% 46.6%	Aggregs Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Actual Progress 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Asphall Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Paving Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.
112 13 14 15 16 17 18 19 20 21 22 23 24 25 26	Controls Charts Progress Periods Mar-22 May-22 Jun-22 Jun-22 Jun-22 Jun-22 Qct-22 Oct-22 Dec-22 Jan-23	Baseline (Early) 0.0% 0.0% 0.0% 0.3% 23.4% 23.4% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2%	Excavation a Baseline (tate) 0.0% 0.0% 0.0% 12.3% 22.0% 25.6% 26.2% 26.2% 26.2%	nd Grading Actual Progress 0.0% 0.0% 0.4% 2.5% 14.4%	Projected Progress 0.0% 0.0% 0.4% 2.5% 14.4% 22.6% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2%	Baseline (Early) 0.0% 0.0% 12.3% 23.1% 23.1% 42.3% 61.5% 61.5%	Draid Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 61.5% 61.5% 61.5%	hage Actual Progress 0.0% 0.0% 0.0% 5.5% 15.4%	Projected Progress 0.0% 0.0% 0.0% 5.5% 15.4% 23.1% 61.5% 61.5% 61.5%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 61.8% 61.8% 61.8% 61.8%	Drive Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 61.8% 61.8% 61.8% 61.8%	Piles Actual Progress 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 61.8% 61.8% 61.8% 61.8% 61.8%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 27.1% 27.1% 34.4% 36.3% 54.8% 56.4%	Concre Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	te Work Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Projected Progress 0.0% 0.0% 0.0% 5.9% 25.5% 34.4% 36.3% 54.8% 56.4%	Baseline (Early) 0.0% 0.6% 46.6% 46.6%	Aggregs Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 46.6%	Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 46.6% 46.6%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Asphalt Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Paving Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 26	Controls Charts Progress Periods Mar-22 Mar-22 Jun-22 Jun-22 Jun-22 Oct-22 Dec-22 Jan-23	Baseline (tarty) 0.0% 0.0% 0.5% 6.3% 17.0% 23.4% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2%	Excavation a Baseline (Late) 0.0% 0.0% 0.2% 1.7% 12.3% 22.0% 25.6% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2%	nd Grading Actual Progress 0.0% 0.0% 0.4% 2.5% 14.4% 14.4% 14.4%	Projected Progress 0.0% 0.0% 0.4% 2.5% 14.4% 22.6% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2% 26.2%	Baseline (Early) 0.0% 0.0% 0.0% 12.3% 23.1% 23.1% 23.1% 61.5% 61.5% 61.5% 61.5%	Draie Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 61.5% 61.5% 61.5%	Actual Progress 0.0% 0.0% 0.0% 5.5% 15.4%	Projected Progress 0.0% 0.0% 0.0% 5.5% 15.4% 23.1% 61.5% 61.5% 61.5% 61.5%	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 61.8% 61.8% 61.8% 61.8% 61.8% 61.8%	Drive Baseline (Late) 0.0% 0.0% 0.0% 0.0% 61.8% 61.8% 61.8% 61.8%	Piles Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 61.8% 61.8% 61.8% 61.8% 61.8%	Baseline (Early) 0.0% 0.0% 0.0% 9.2% 27.1% 36.3% 54.8% 56.4%	Concre Baseline (Late) 0.0% 0.0% 0.0% 0.0% 4.6% 18.1% 34.4% 55.9% 55.4% 56.4%	te Work Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Projected Progress 0.0% 0.0% 0.0% 5.9% 34.4% 36.3% 54.8% 56.4%	Baseline (Early) 0.0% 0.	Aggrega Baseline (tate) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Actual Progress 0.0% 0.0% 0.0% 0.0%	Projected Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Baseline (Early) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Asphalt Baseline (Late) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Paving Actual Progress 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Projected Progress 0.0%

11. The Progress Data worksheet displays the monthly production data (quantities) used in calculating the progress percentages.

			Excavation	and Gradin	6				Drai	age					Drive	Piles					Concre	te Work			Aggregate Base						
Monthly	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	Monthly	Cum	
Progress	Baseline	Baseline	Baseline	Baseline	Actual/	Actual/	Baseline	Baseline	Baseline	Baseline	Actual/	Actual/	Baseline	Baseline	Baseline	Baseline	Actual/	Actual/	Baseline	Baseline	Baseline	Baseline	Actual/	Actual/	Baseline	Baseline	Baseline	Baseline	Actual/	Actual/	
Estimate	(Early)	(Early)	(Late)	(Late)	Forecast	Forecast	(Early)	(Early)	(Late)	(Late)	Forecast	Forecast	(Early)	(Early)	(Late)	(Late)	Forecast	Forecast	(Early)	(Early)	(Late)	(Late)	Forecast	Forecast	(Early)	(Early)	(Late)	(Late)	Forecast	Forecast	
Dates	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	
03/04/22			•																										•		
04/04/22		1.1		1.1					1.1								1.1	1.1		1.1				1.1		1.1					
05/04/22	495	495	203	203	351	351	-																								
06/04/22	5,650	6,145	1,421	1,624	2,052	2,413	70	70			32	32																			
07/04/22	10,372	16,517	10,372	11,996	11,597	14,010	62	132			56	88		1.1			1.1		60	60	30	30	38	38		1.1					
08/04/22	6,210	22,727	9,367	21,363	7,937	21,947		132			44	132	136	136	136	136	136	136	117	177	88	118	128	166		1.1					
09/04/22	2,728	25,455	3,508	24,870	3,508	25,455	110	242	1.1	1.1	1.1	132		136	1.1	136	1.1	136	48	225	107	225	58	225		1.1			1.1		
10/04/22		25,455	585	25,455		25,455	110	352	352	352	220	352		136		136		136	12	237	10	234	12	237	183	183					
11/04/22		25,455		25,455		25,455	-	352		352		352		136		136		136	121	358	117	351	121	358	917	1,100	1,100	1,100	1,100	1,100	
12/04/22		25,455		25,455		25,455		352		352		352		136	1.1	136		136	10	368	16	368	10	368		1,100		1,100		1,100	
01/04/23	3.113	28,568		25,455	3.113	28,568		352		352		352		136		136		136		368		368		368		1,100		1,100		1,100	
02/04/23	28.016	56.584	4.669	30.124	28.016	56.584		352		352		352		136		136		136		368		368		368		1.100		1.100		1.100	
03/04/23	24,925	81,510	24.926	55.050	24.926	81,510		352		352		352		136		136		136	29	397	12	380	29	397		1.100		1.100		1.100	
04/04/23	15.415	96.925	26.667	81 717	15.415	96.925		352		352		352	76	212	76	212	76	212	77	474	49	429	77	474		1 100		1 100		1 100	
05/04/23	300	97 225	15.058	96 775	300	97 225	220	572		352	220	572	9	220	9	220	9	220	36	510	81	510	36	510		1 100		1 100		1 100	
06/04/23		97 225	450	97 225		97 225		572	220	572		572		220		220		220	9	519		519		519	1 260	2 360		1 100	1 260	2 360	
07/04/32		07,005		07,005		07,225		672		672		672		220		220		220	110	627		676	110	697	3,000	2,000	1.000	3,260	1,000	3,860	
07/04/23		97,225		91,225		97,223		5/2		572		572		220		220		220	115	657	117	630	119	657		2,000	1,200	2,300		2,300	
00/04/25		91,225		91,225		91,225		5/4		5/2		5/4		220		220		220	10	652	1/	652	10	602		2,500		2,300		2,300	
09/04/23		97,225		97,225		97,225		572		572		572		220		220		220		652		652		652		2,360		2,360		2,360	
10/04/23		97,225		97,225		97,225	-	572		572		572		220		220		220		652		652		652		2,360		2,360		2,360	
11/04/23		97,225		97,225		97,225		572	1.1	572	1.1	572		220		220		220	1.1	652		652		652		2,360		2,360		2,360	

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