

NORTH CAROLINA Department of Transportation



STIP, State Budget Authority & Cash Flows

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June 2020

Today's Discussion

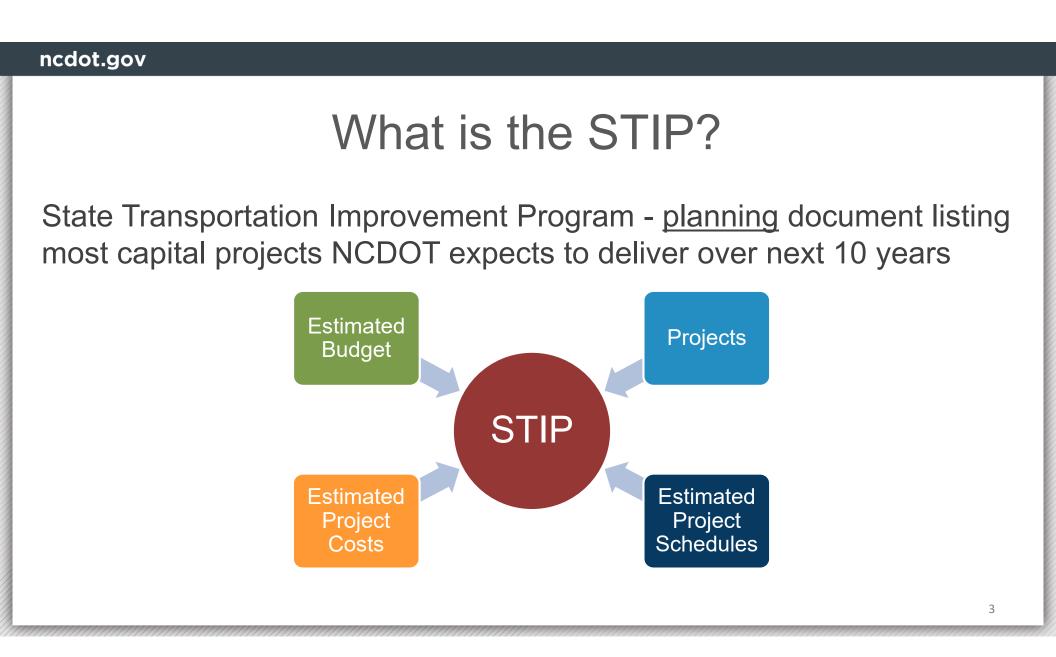
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STIP

State Budget Authority

Overdrafts & Authorizations

Cash Model



STIP – Cash Flows (Previous Approach)

Approximate cash spending for a project (used on most projects)

Cash flows are typically smoothed by year

- Ex: \$40M project \rightarrow \$10M in 4 consecutive FYs
- If work begins towards end of FY, funds may not be expended in that same year
- Schedule changes w/in a FY typically don't result in STIP cash-flow change

STIP has 22 budgets

- Balanced (5 & 10 years)
- Fiscally constrained by year



State Budget Authority

General Assembly gives NCDOT fixed amount of state budget authority (SBA) each SFY

- Estimate of expected annual Highway Trust Fund (HTF) revenue (~\$1.2B)
- SBA = Permission to spend HTF
- Used to start new projects, match fed-aid, add funding to projects (e.g. cover overdrafts)

When SBA is obligated to a project, DOT is committing those funds and they can't be used elsewhere (without additional action)

5

• Example: \$10M obligated to Project I-6000 \rightarrow \$10M subtracted from \$1.2B

State Budget Authority

At end of SFY, NCDOT monitors available SBA closely to ensure commitments are met

 If NCDOT runs out of SBA before June 30th, cannot move forward with new activities (until July 1st)

Need to make sure to assign appropriate amount of SBA to each project to cover expected expenses for the SFY

- Assign too much → could impede advancement of other projects and create a large cash balance (with the inability to spend it down)
- Assign too little \rightarrow could lead to overdrafts

ncdot.gov Overdrafts Occur when Expenditures > Authorized amount (per phase)

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7

- BOT approves authorizations
- Item K (state HTF); Item M (fed-aid)

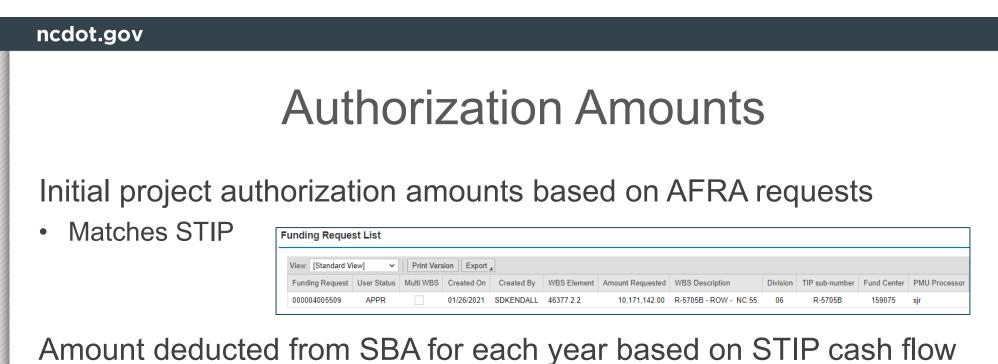
Harnett Co.WBS 46377.2.2\$10,171,142.00Div. 6NC 55 from NC 210 to SR 4809 (Jicarilla Lane). Initial funds arerequested for full right of way. This is a **Cash Flow** project withREGIONAL\$5,085,571.00 in SFY 21 and \$5,085,571.00 in SFY 22.

- Need BOT approval for additional funds to cover overdrafts <u>after the fact</u>
- Required by law to cover state overdrafts at beginning of each SFY uses SBA

Overdrafts (cont'd)

Important to monitor project spending to ensure projects do not go into overdraft

• Request additional funds if overdraft expected



Example Project I-6000

Total Cost	SFY 2021	SFY 2022	SFY 2023	SFY 2024
\$40M	\$10M	\$10M	\$10M	\$10M
		2B - \$10N 2B - \$10N		

9

Cash Model

Purpose – predict cash needs of project

Uses statistical model to predict cash payout

Based on month of letting and location for more precise payout

Payouts adjusted throughout life of project

STIP (previous method) vs. Cash Model

Project	FY	21	FY	22	FY	23	FY	24	FY	25
	STIP Cashflow	Cash Payout								
B-4484 Let 2/21 State funds	\$7,250	\$1,255	\$7,250	\$7,973		\$4,734		\$537		
W-5600 Let 3/21 Federal funds	\$25,666	\$9,389	\$25,667	\$28,647	\$25,667	\$23,298		\$13,538		\$2,128
U-5724 Let 6/21 State funds	\$7,200	\$2,266	\$7,200	\$7,519		\$4,616				
TOTAL	\$40,116	\$12,910	\$40,117	\$44,139	\$25,667	\$32,648		\$14,075		\$2,128

SBA is based on the STIP Cashflow

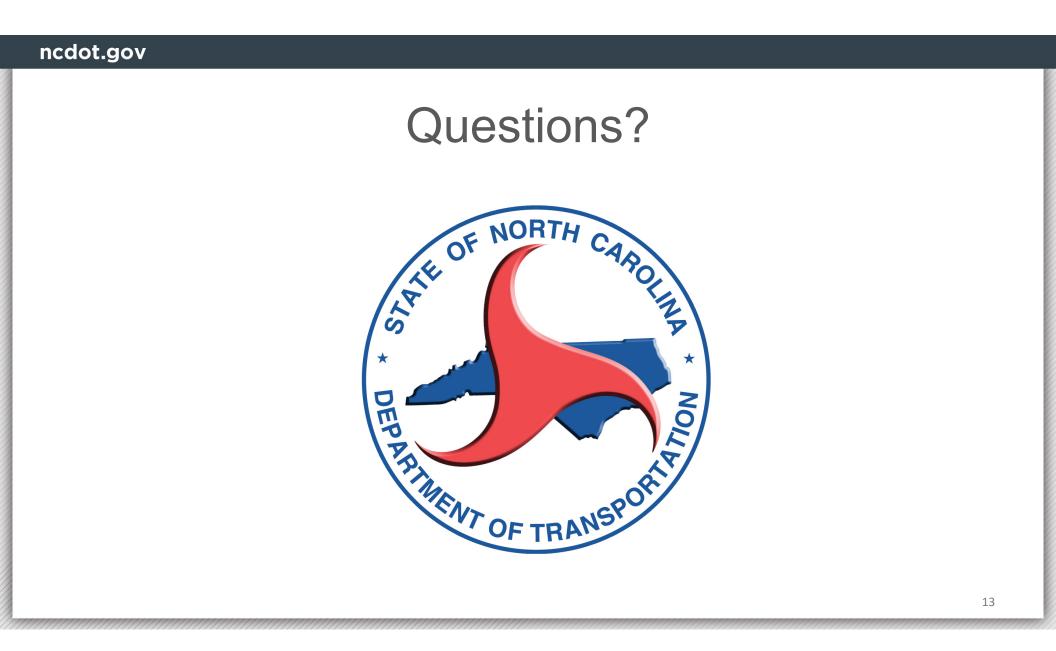
STIP – Cash Flows (Moving Forward)

Effort underway to better align STIP with Cash Model

- SAS developing anticipated payout % by year based on phase begin date
- Uses same modeling as cash model \rightarrow updated daily
- Schedule changes



 More realistic STIP cash flows will ensure that excess budget authority is not tied up → gives NCDOT flexibility to meet financial needs





NORTH CAROLINA Department of Transportation



Budget Review

June 21, 2021

Why is this important



"Sometimes I get the crazy feeling that he blames us for the budget overrun."

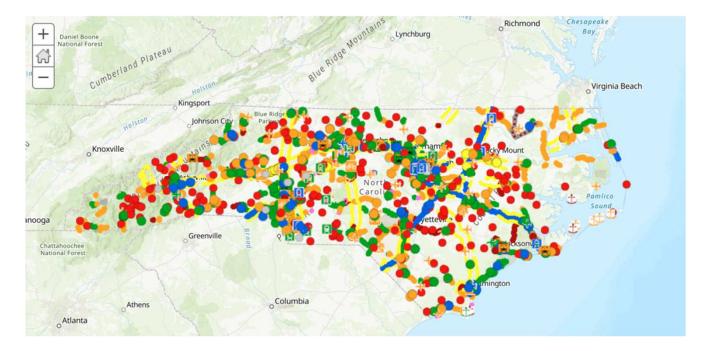
- Budget Authority NCDOT has a set amount to spend each year. By spending more than what is appropriated in any given fiscal year, it can affect the next year's project load
- By funding project overruns at the time of the overrun, NCDOT can better monitor costs rather than reacting to project overruns at the end of a project.

How is NCDOT going to monitor



- Each Division (DCE) is responsible for managing budget for all contracts
- A quarterly report that summarizes budget is in development
- REs can check status of budget at various times of contract administration.
- Additional training will be provided for managing budgets

Which projects



- Overdraft monitoring and funding requests are required for all STIP contracts.
- Maintenance contracts (resurfacing, pavement preservation, etc.) will not require the same level of monitoring.
- All projects should have accurate overrun monitoring and completion date information in HICAMS

When to review



- Should review the budget several times during the life of the project
- 25%, 50%, 75%, and 90% complete
- Anytime a supplemental agreement is drafted, any claim that will grant compensation is reviewed, a force account is issued, or significant overrun of line code items is noted

How to check budget

TIP executive summary	report				
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Executive Summary Report in SAP (ZPSR18) allows you to review budget for a project. WBS is the most effective means of reviewing. You can use TIP but you will see all phases of the project (Preconstruction, Right of Way, Construction) as well as any sur-TIP numbers (A, B, C, etc)

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□ □	10,02020 11/10/2020 Image: Constraint of the constraint of	1,000,000.00 06/14/2021 Image: Comparison of the comparison	1,000,000.00 06/14/2021 Image: Constraint of the constraint	1,000,000.0 06/14/2021 Image: Comparison of the comparison	1,000,000.00 06/14/2021 Image: constant of the sector	112,270,382.90 11/10/2020 I
□ □	10,02020 11/10/2020 Image: Constraint of the constraint of	1,000,000.00 06/14/2021 Image: Comparison of the comparison	1,000,000.00 06/14/2021 Image: Constraint of the constraint	марии 1,000,000.0 06/14/2021 марии	1,000,000.00 06/14/2021 Image: constraint of the sector of the sect	112,270,382.90- 1/10/2020 I </td
432,860.07 09/09/2020	2,860.07 09/09/2020			12,270,382.90 11/10/2020		13 370 203 00 11/10/3030
				12,270,382.90 11/10/2020		10.070.000.00.111/10/0000
				12,270,382.90 11/10/2020		10.000 000 000 000 000 000 000 000 000 0
				12,270,382.90 11/10/2020		10 070 000 11/10/0000
432,860.07 09/09/2020	2,860.07 09/09/2020			12,270,382.90 11/10/2020		13 370 303 00 11/10/3030
				12,270,382.90 11/10/2020		10 070 000 11/10/0000
				12,270,382.90 11/10/2020		10.000 000 000 000 000 000 000 000 000 0
				12,270,382.90 11/10/2020		
				12,27,0,302.30 11,10,2020		
				11/10/2010 11/10/2010		12/2/12/02/90 11/10/2/2/1
						14:479-00-04-01-01-01-01-01-01-01-01-01-01-01-01-01-
						12/2/1/2022/9/11/11/1/2/2/
						14:479-00-04-01-01-01-01-01-01-01-01-01-01-01-01-01-
12,270,382.90 11/10/2020	0.382.90 11/10/2020					12;210;502:90 11/10/2020
12,270,382.90 11/10/2020	0.382.90 11/10/2020	12.270.382.90- 11/10/2020	12 270 282 00. 11/10/2020			12,210,302,30 11/10/2020
		12.270.382.90-11/10/2020	17 ATT 287 CH - 1 17 (11/ATA)		10.000.00.11/(0)0000	
					12 270 382 90- 11/10/2020	
12.270.382.90- 11/10/2020			12/2/0/302/30-11/10/2020	12 270 282 00. 11/10/2020	12 270 382 90- 11/10/2020	
12,270,382.90- 11/10/2020			14/11-02/30-11/11-02/30-11/10/101/11	12 270 282 00-11/10/2020	12 270 382 90- 11/10/2020	
12,270,382.90- 11/10/2020			12/21/00220-11/10/2020	12 270 292 00 11/10/2020	12 270 382 90- 11/10/2020	
12,270,382.90- 11/10/2020			12/21/00220-11/10/2020	12 270 292 00. 11/10/2020	12.270.382.90-11/10/2020	
12,270,382.90- 11/10/2020			12/21/00220-11/10/2020	12.270.292.00.11/10/2020	12 270 382 90- 11/10/2020	
12,270,382.90- 11/10/2020			12/21/00220-11/10/2020	12.270.292.00.11/10/2020	12 270 382 90- 11/10/2020	
12,270,382.90- 11/10/2020			12/21/00220-11/10/2020	12 270 292 00. 11/10/2020	12.270.382.90-11/10/2020	
12,270,382.90- 11/10/2020			12/27 0/302/30- 11/10/2020	12 270 282 00-11/10/2020	12 270 382 90- 11/10/2020	
		12/2/0.382.90- 11/10/2020			12 270 292 00 11/10/2020	
12,270,382.90 11/10/2020	0.382.90 11/10/2020					12;210;502:90 11/10/2020
				12,2/0,382.90 11/10/2020		1327/02/02/01/02/01/02/02/02/02/02/02/02/02/02/02/02/02/02/
				12,270,382.90 11/10/2020		12.070.000111/10/2020
				12,270,382.90 11/10/2020		12.070.000.00.111/10/0000
				12,270,382.90 11/10/2020		10.070.000.00.111/10/0000
				12,270,382.90 11/10/2020		10 070 000 11/10/0000
432,860.07 09/09/2020	2,860.07 09/09/2020			12,270,382.90 11/10/2020		13 570 503 00 11/10/3530
432,860.07 09/09/2020	2,860.07 09/09/2020			12,270,382.90 11/10/2020		12 370 202 00 11/10/2020
432,860.07 09/09/2020	2.860.07 09/09/2020	12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860,07,09/09/2020		12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432.860.07_00/00/2020		12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432.860.07 .09/09/2020		12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860.07 09/09/2020	2.860.07 09/09/2020	12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860.07 09/09/2020	2,860.07 09/09/2020			12,270,382.90 11/10/2020		12 370 202 00 11/10/2020
432,860.07 09/09/2020	2,860.07 09/09/2020			12,270,382.90 11/10/2020		13 370 303 00 11/10/3030
432,850.07 09/09/2020	2,860.07 09/09/2020			12,270,382.90 11/10/2020		13 370 303 00 11/10/3030
				12,270,382.90 11/10/2020		10 070 000 111/10/0000
				12,270,382.90 11/10/2020		10 070 000 111/10/0000
				12,270,382.90 11/10/2020		10 070 000 111/10/0000
				12,270,382.90 11/10/2020		10.070.000.00.111/10/0000
				12,270,382.90 11/10/2020		10.070 000 111/10/0000
				12,2/0,382.90 11/10/2020		1327/02/02/01/02/01/02/02/02/02/02/02/02/02/02/02/02/02/02/
				12,270,382.90 11/10/2020		10.000 000 000 000 000 000 000 000 000 0
				12,270,382.90 11/10/2020		12.070.000.00.111/10/0000
				12,270,382.90 11/10/2020		
				12,270,382.30 11/10/2020		
				12,270,382.90 11/10/2020		10.070 000 111/10/0000
432,860.07 09/09/2020	2,860.07 09/09/2020			12,270,382.90 11/10/2020		10 000 00 11/10/000
432,860.07 09/09/2020	2,860.07 09/09/2020	12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860.07 09/09/2020	2.860.07 09/09/2020	12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860.07 09/09/2020	2.860.07 09/09/2020	12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860.07 09/09/2020	2,860.07 09/09/2020	12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860.07 09/09/2020	2,860.07 09/09/2020	12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860,07 09/09/2020		12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860.07 09/09/2020		12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860.07 09/09/2020	2,860.07 09/09/2020			12,270,382.90 11/10/2020		12 270 202 00 11/10/2020
12 270 382 00 11/10/2020	0.382.00 11/10/2020			12/2/0/2022/0 11/10/2020		
12,270,382.90 11/10/2020	0.382.90 11/10/2020					12,279,302.70 11/10/2020
12,270,382.90 11/10/2020	0.382.90 11/10/2020					12,279,302,30 11/10/2020
12 270 382 90 11/10/2020	0 382 90 11/10/2020			12/2/0/2022/0/11/10/2020		17/01/2004 90: 117/01/2020
				12,2/0,382.90 11/10/2020		1327/02/02/01/02/01/02/02/02/02/02/02/02/02/02/02/02/02/02/
				12,270,382.90 11/10/2020		10.070.000.00.111/10/0000
432,860,07 09/09/2020	2.860.07 09/09/2020	12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
		12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
		432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020
		432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020
	2.800.07-109/08/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020
	2.860.07- 09/08/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020
	2.860.07- 09/08/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020
	2.860.07- 09/08/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020
	2.860.07- 09/08/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020
432,860.07- 09/08/2020		432,860.07- 09/08/2020 432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020
432,860.07- 09/08/2020		432,860.07 09/08/2020 432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020
432,860.07- 09/08/2020		432,860.07 09/08/2020 432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07- 09/08/2020 432,860.07 09/09/2020
	2.860.07- 09/08/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020
		432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020	432,860.07 09/09/2020 12,270,382.90 11/10/2020	432,860.07 09/09/2020
		12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
		12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860,07 09/09/2020	2.860.07 09/09/2020	12,270,382.90 11/10/2020	12,270,382.90 11/10/2020		12,270,382.90 11/10/2020	
432,860.07 09/09/2020	2,860.07 09/09/2020			12,270,382.90 11/10/2020		
				12,2/0,382.90 11/10/2020		117.770 202 00 - 11700
12,270,382.90 11/10/2020	0.382.90 11/10/2020					12,270,302,30111/10/2020
		12.270.382.90-11/10/2020	12.270.292.00.11/10/2020			
12,270,382.90-11/10/2020			12/27 0/302/30- 11/10/2020	12 270 222 00 11/10/2020	12 270 382 90- 11/10/2020	
			12/27 0/302.30- 11/20/2020			
				12/2/0/302/30* 11/10/2020	12/2/0/002230 11/10/2020	
				14/47/0/302/30- 11/10/2020	12/2/0/0022/0 11/10/2020	
				12/270/302.50-11/10/2020	12/2/0/02/20 11/10/2020	
				14/10/202/07/11/11/12/2020	12/21/0/00/21/10/2020	
12/2/0/002/20 11/10/2020	Manuel The Line of Control of Con	12.270.382.90- 11/10/2020	12 270 282 00. 11/10/2020			12/2/ 0/202-30 11/10/2020
12,270,382.90 11/10/2020	0.582.90 11/10/2020					12;2/0;302:30 11/10/2020
12,270,382.90 11/10/2020	0.382.90 11/10/2020					12,270,302.70 11/10/2020
12,270,382.90 11/10/2020	0.382.90 11/10/2020					12,270,502,50 11/10/2020
12,2/0,382.90 11/10/2020	0.382.90 11/10/2020					12/27/0/302/30 11/10/2020
12/2/0/302/30 11/10/2020	9.302.79 11/10/2020	12.270.382.90- 11/10/2020	12 270 282 00. 11/10/2020			16/27/0/0002/20 11/10/2020
	No.06.79 11110/2020	12.270.382.90- 11/10/2020	12.270 292 00. 11/10/2020			
12,2/0,382.90 11/10/2020	0.382.90 11/10/2020					12,219,502,90 11/10/2020

Verifying By WBS

TIP subno.	Phase ID	Phase Descrip	Σ	Funding	Funding date	Σ	Expenditures	Σ	Commitments	ΣUnencumbered Balance	WBS eler
R-5742	0300	Construction		6,764,000.00	02/11/2019						46325.3
				7,268,000.00	02/13/2019						
				7,268,000.00	02/13/2019						
					09/05/2019						
				6,000,000.00	09/05/2019						
				6,000,000.00-	09/05/2019						
					05/08/2020						
					07/28/2020						
				432,860.07-	09/08/2020						
				432,860.07	09/09/2020						
				12,270,382.90	11/10/2020						
				12,270,382.90-	11/10/2020						
				1,000,000.00	06/14/2021						
				1,000,000.00-	06/14/2021						
							16,040,246.96		5,787,004.35	527,251.31-	
	0300 😐		•	21,300,000.00		•	16,040,246.96	•	5,787,004.35	527,251.31-	
R-5742 🛄				21,300,000.00		•••	16,040,246.96	•••	5,787,004.35	·· 527,251.31-	
TIP numbe	r R-5742			21,300,000.00			16,040,246.96		5,787,004.35	527,251.31-	
Д				21,300,000.00			16,040,246.96		5,787,004.35	527,251.31-	

Funding – the amount that the WBS is currently funded for. This is for everything associated with construction – contractor payments, contract engineering inspection costs (whether it is internal or external), administrative costs, and any other costs assigned to the WBS

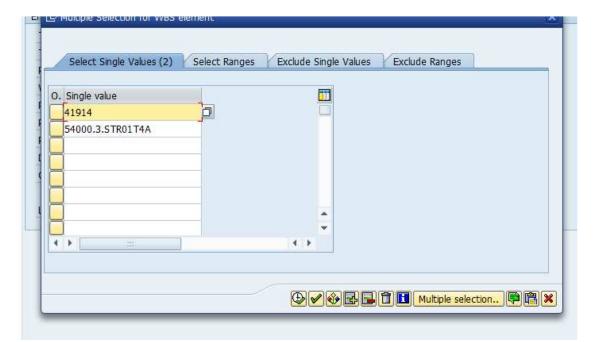
Expenditures - the amount that has been spent to date on the WBS

Multiple WBSs

er selection criteria		
IP number	to	
IP sub number	to	
roject definition	to	
/BS element		¢
nase id	to	Multiple selection
roject type	to	Sector Sector
oject subtype	to	S
vision	to	S
ounty code	to	\$
ayout variant	/CALVIN	

You can review multiple WBSes at one time. In the WBS element field, click on the button.

Multiple WBSs



Enter the WBS numbers in the fields on the single value tab. Once you have entered all of them, click

on the





Multiple WBSs

TIP number		to		
TIP sub number		to	\$	
Project definition		to	\$	
WBS element	41914	to		
Phase id		to	₽	
Project type		to	s l	
Project subtype		to	S	
Division		to		
County code		to	S	
Layout variant	/CALVIN			

You will only see the first WBS in the window but SAP has all entered WBS

stored. Click on the button or F8 to run Report.



Multiple WBSs

			RY REPORT 🐴 🝜 🎝 📅 🖦 🗓							0
TIP Transaction Date Time From WBS E	n Code	utive 2PSR18 06/21/2021 12:52:27 41914	Summary Rej	port						1
TIP subno.	Phase ID	Phase Descrip	Σ Funding	Funding date	Σ	Expenditures	Σ Commitments	ΣUnencumbered Balance	WBS element	Description
J-4716	9998	N/A		12/10/2007					41914	HOPSON ROAD GRADE SEPARATI
	-		350,000.00	02/11/2008						
			49,768.46	04/01/2008						
			397,912.57	04/10/2014						
			110,896.77-	02/12/2016						
			110,896.77	02/12/2016						
			179,114.33-	04/03/2019						
			227,448.68-	04/15/2019						
			227,448.68	04/15/2019						
			300,702.92-	04/15/2019						
						390,863.78				
	9998 -	5	390,863.78			390,863.78				
-4716 🖽			··· 390,863.78			390,863.78				
-4716A	0300	Construction	5,145,724.00						54000.3.STR01T4A	CLEGG PASSING SIDING & HOPSO
			16,540,251.65							
				12/13/2013						
				01/16/2014						
			14h 13h 111							4 1

You will be provided summaries of multiple WBSs – each one should be evaluated on its own to ensure adequate funding.

Funding Summary

Funding	Funding date	Σ
6,764,000.00	02/11/2019	
7,268,000.00	02/13/2019	
7,268,000.00	02/13/2019	
	09/05/2019	
6,000,000.00	09/05/2019	
6,000,000.00-	09/05/2019	
	05/08/2020	
	07/28/2020	
432,860.07-	09/08/2020	
432,860.07	09/09/2020	
12,270,382.90	11/10/2020	
12,270,382.90-	11/10/2020	
1,000,000.00	06/14/2021	
1,000,000.00-	06/14/2021	
21,300,000.00		•
21,300,000.00		
1 21,300,000.00		
••• 21,300,000.00		

	Amount
Funding Authorized	\$21,300,000.00
HICAMS Contract Amount	\$19,735,711.70
Other Expenses	\$1,564,288.30

HICAMS - [hicamsprod]

contract:	act Details (C2 204291 on (nickname	<u>1</u>		or: WAT	TSON CONTR	RACTING	INC	State	us: Active			
eral Rout	es/Counties	Staff	Goals	Dates	Financials	Status	Completion	Project Guarant	ee Project Closeout	M&T Sta	tus History	
Nickna	me: NC 175						_	Bid Amount: \$1	9,735,711.70			
Locat	tion: NC-175	FROM 1	THE GEO	RGIAST	TATE LINE TO	US-64.	2	Contract Type: 0	ther		-	
	or #:65917	WATSO	ON CONT	RACTIN	NG INC			WBS: 46 Spec Year: 20				
0000	Len: 3.925 Mi	les - En	glish					Work Order	Federal Aid Number	Merge	TIP	
Comn	nent:						2	46325.3.1	STATE FUNDED	N	R-5742	
No Pla Seed M Vegeta	d Insurance	/e			00% State Fu Plus B lanket Conse BE loating Availa	nt	e	٢				>
	Guarantee		Pr	oject G	Guarantee Mc	onths :	12	Regional Ca	tegory: Regional	•		

At the beginning of every contract, you should verify how much funding is available for each WBS on the contract. Generally, this is initially set at 15% over preliminary estimates. There is an effort to update these to construction costs but by verifying budget amounts at the beginning of a contract, you will have an idea if you the WBS has been set up with enough funded

Expenditures Summary

е	Σ	Expenditures	Σ
)			
)			
)			
)			
)			
)			
•			
•			
•			
•			
		16,040,246.96	
		16,040,246.96	•
		16,040,246.96	•••
		16,040,246.96	
		16,040,246.96	

	Amount
Total Amount Spent	\$16,040,246.96
Paid to Contractor	\$13,624,292.52
Other Expenses Spent	\$2,415,954.44

H 🐴 🗞							
	🚴 🔏 🛤 💥						
eview WBS Det	ails (C204291)						
Contract: C20	4291 Contractor: WATSON C	ONTRACTING INC	Status: /	ctive			
	(nickname): NC 175	011101011101110	Status.				
Description							
WBS	Federal Aid Number TIP	Original LI Total	Line Item Total	Amount on Last Estimate	e Amount to Date	Resurfacing	
		\$19,400,584.3		\$956,717		2.66	
ine Contract em Adj	Description	UOM	Non- Part Quantity	Unit Price	Amount		
em Adj 1	Description MOBILIZATION	LS		1.000 \$900,000.0000	\$900,000.00		
em Adj 1 2	Description MOBILIZATION CONSTRUCTION SURVEYING	LS LS		1.000 \$900,000.0000 1.000 \$175,000.0000	\$900,000.00 \$175,000.00		
em Adj 1	Description MOBILIZATION CONSTRUCTION SURVEYING CONSTRUCTION SURVEYING	LS LS LS		1.000 \$900,000.0000 1.000 \$175,000.0000 1.000 \$12,500.0000	\$900,000.00 \$175,000.00 \$12,500.00		
em Adj 1 2	Description MOBILIZATION CONSTRUCTION SURVEYING CONSTRUCTION SURVEYING CLEARING & GRUBBING	LS LS LS LS LS		1.000 \$900,000,0000 1.000 \$175,000,0000 1.000 \$12,500,0000 1.000 \$750,000,0000	\$900,000.00 \$175,000.00 \$12,500.00 \$750,000.00		
em Adj 1 2	Description MOBILIZATION CONSTRUCTION SURVEYING CONSTRUCTION SURVEYING CLEARING & GRUBBING SUPP CLEARING & GRUBBING	LS LS LS LS ACR	Part Quantity	1.000 -\$900.000.0000 1.000 \$175,000.0000 1.000 \$12,500.0000 1.000 \$750,000.0000 1.000 \$7,000.0000	\$900,000.00 \$175,000.00 \$12,500.00 \$750,000.00 \$7,000.00		
em Adj 2 2 SA8 3 4 5	Description MOBILIZATION CONSTRUCTION SURVEYING CONSTRUCTION SURVEYING CLEARING & GRUBBING SUPP CLEARING & GRUBBING UNCLASSIFIED EXCAUATION	LS LS LS LS ACR CY	Part Quantity	1.000 \$900.000.0000 1.000 \$175.000.0000 1.000 \$12,500.0000 1.000 \$750.000.0000 1.000 \$750.000.0000 0.000 \$7,000.0000 0.000 \$13.0000	\$900,000,00 \$175,000.00 \$12,500.00 \$750,000.00 \$7,000.00 \$1,443,000.00		
em Adj 1 2	Description MOBILIZATION CONSTRUCTION SURVEYING CONSTRUCTION SURVEYING CLEARING & GRUBBING SUPP CLEARING & GRUBBING UNCLASSIFIED EXCAVATION UNCLASSIFIED EXCAVATION	LS LS LS LS ACR CY CY	Part Quantity	1.000 \$900.000.0000 1.000 \$175,000.0000 1.000 \$12,500.0000 1.000 \$750,000.0000 1.000 \$750,000.0000 0.000 \$7,000.0000 0.000 \$13.0000 05.000 \$13.0000	\$900,000,00 \$175,000,00 \$12,500,00 \$750,000,00 \$1,443,000,00 \$1,443,000,00 (\$10,478,00)		
em Adj 2 2 SA8 3 4 5	Description MOBILIZATION CONSTRUCTION SURVEYING CONSTRUCTION SURVEYING CLEARING & GRUBBING SUPP CLEARING & GRUBBING UNCLASSIFIED EXCAUNTON UNCLASSIFIED EXCAUNTON UNDERCUT EXCAUNTON	LS LS LS ACR CY CY CY	Part Quantity 1111.0 -8 5.2	1 000 \$900,000,0000 1 000 \$175,000,0000 1 000 \$175,000,0000 1 000 \$750,000,0000 1 000 \$77,000,0000 0 000 \$13,0000 0 000 \$13,0000 0 000 \$20,0000	\$900,000,00 \$175,000,00 \$750,000,00 \$7,000,00 \$1,443,000,00 (\$10,478,00) \$104,000,00		
em Adj 2 2 SA8 3 4 5	Description VolatiL27ION CONSTRUCTION SURVEYING CLEARING & GRUBBING SUPP CLEARING & GRUBBING UNCLASSIFED EXCAMTION UNCLASSIFED EXCAMTION UNCLASSIFED EXCAMTION UNDERCUT EXCAMTION DERCUT EXCAMTION	LS LS LS ACR CY CY CY CY	Part Quantity 111.0 -8 5.2 5,4	1 000 \$900,000,0000 1 000 \$175,000,0000 1 000 \$12,500,0000 1 000 \$750,000,0000 1 000 \$7,000,0000 1 000 \$13,0000 000 \$13,0000 000 \$20,0000 0000 \$20,0000 0000 \$20,0000	\$900,000.00 \$175,000.00 \$750,000.00 \$75,000.00 \$1,443,000.00 \$10,478.00 \$10,478.00 \$10,400.00 \$32,760.00		
em Adj 2 2 SA8 3 4 5	Description VolatiL22700 CONSTRUCTION SURVEYING CONSTRUCTION SURVEYING CLEARING & GRUBBING SUPP CLEARING & GRUBBING UNCLASSIFIED EXCANATION UNCLASSIFIED EXCANATION UNDERCUT EXCANATION DRAINAGE DITCH EXCANATION DRAINAGE DITCH EXCANATION	LS LS LS ACR CY CY CY CY CY LF	Part Quantity 111.0 -8 5.2 5.4 7	1 000 \$900,000,0000 1 000 \$175,000,0000 1 000 \$125,000,0000 1 000 \$575,000,0000 1 000 \$57,000,0000 0 000 \$13,0000 0 000 \$13,0000 0 000 \$20,0000 50 000 \$20,0000 50 000 \$6,0000	\$900,000.00 \$175,000.00 \$12500.00 \$750,000.00 \$1,443,000.00 \$1,443,000.00 \$104,000.00 \$104,000.00 \$32,760.00 \$22,372.50		
em Adj 2 2 SA8 3 4 5	Description Volanizzarios Construction surversing Construction surversing Cueranica Groubeng Supp Clearing & Groubeng UNCLASSIFED EXCAVATION UNCLASSIFED EXCAVATION UNCLASSIFED EXCAVATION UNCLASSIFED EXCAVATION DRAINAGE DITCH EXCAVATION BERM DITCH CONSTRUCTION REMOVIL OF EXTASPHALT PWIT	LS LS LS LS ACR CY CY CY CY LF SY	Part Quantity 111.0 -8 5.2 5.4 7 7 4.8	1 000 \$400,000,000,000 1,000 \$175,000,0000 1,000 \$12,500,0000 1,000 \$512,500,0000 1,000 \$57,000,0000 0,000 \$13,0000 0,000 \$13,0000 0,000 \$20,0000 0,000 \$20,0000 0,000 \$20,0000 0,000 \$2,0000 0,000 \$2,0000 0,000 \$2,2500 20,000 \$6,0000	\$900,000,00 \$175,000,00 \$7250,000,00 \$7,000,00 \$1,443,000,00 \$10,478,00 \$104,000,00 \$2,372,50 \$28,920,00		
em Adj 2 2 3 4 5 5 5 5 8 9	Description VolatiL22700 CONSTRUCTION SURVEYING CONSTRUCTION SURVEYING CLEARING & GRUBBING SUPP CLEARING & GRUBBING UNCLASSIFIED EXCANATION UNCLASSIFIED EXCANATION UNDERCUT EXCANATION DRAINAGE DITCH EXCANATION DRAINAGE DITCH EXCANATION	LS LS LS ACR CY CY CY CY CY LF	Part Quantity 111.0 -8 5.2 5.4 7 4.8 6 6	1 000 \$900,000,0000 1 000 \$175,000,0000 1 000 \$125,000,0000 1 000 \$575,000,0000 1 000 \$57,000,0000 0 000 \$13,0000 0 000 \$13,0000 0 000 \$20,0000 50 000 \$20,0000 50 000 \$6,0000	\$900,000.00 \$175,000.00 \$12500.00 \$750,000.00 \$1,443,000.00 \$1,443,000.00 \$104,000.00 \$104,000.00 \$32,760.00 \$22,372.50		

You can compare total amount spent to how much the contractor has been paid to determine the value of other expenditures. This will include CEI, admin costs, maintenance costs, etc.

Contractor costs can be found a couple different places in HICAMS.

Expenditures – SAP Breakdown

Find on page	when			No results	> Options ~						×
Enterprise Business Services Home Documents C	CEI % Report 🔎	40				Welcome: PBW~61	1/MHGADDY Applications Preferences Help mer	u▼ Log off			
					CEI Expenditure %			★ 🛛	ء 🕸	i] 🖒
Measures (8) CEI % (710WT16	S79GXUTNW9L9T	Division (1) 114	Project subtype (2) !(=303), !(=301)	0							¥×
>										<u>11</u>	⊞
	🖽 CEI % 🛋	Total Expenditure ▲	El Expenditure ▲	Contractor Payment ▲	Administration and Overhead	PE & ROW Costs ឝ	Maintenance Expenditures Contract	Contract Amount ▲			
Division A		\$	\$	\$	\$		\$	\$			
14	11.1	16,050,440.52	1,506,874.13	13,624,292.66	828,059.90		88,193.85	19,735,711.70			
Overall Result	11.1	16,050,440.52	1,506,874.13	13,624,292.66	828,059.90		88,193.85	19,735,711.70			

If you want to review the breakdown of Other expenditures, you can use the CEI % report in BW Warehouse. It was developed to assist Divisions with tracking CEI expenditures. For the project previously shown, you can see the breakdown of other costs – CEI expenditures, contractor payments, administration and overhead, and maintenance expenditures.

In this report, you can also compare contractor payments to the contract amount. This report can be used as an additional resource if you choose.

•

Expenditures – Costs in HICAMS

	(nickname): Yancey Resurfaci									 2	Contract Maintenance	>	Authorize Contracts	
WBS 16CPT.13.07.11	Federal Aid Number	TIP 0	riginal LI Total \$715,277.4	200000 KM	em Total Amo \$715,277.42	ount on Last Estimate \$5,120.5	Amount to	Date 632,288.63	Resurfacing	 ieu	Contract Adjustments	>	Activate Contracts	
16CPT.13.07.21 16CPT.13.07.21	1002		\$812,165.0 \$67,887.43		\$812,165.04 \$67,887.43	\$5,354.8 \$524.7		\$661,087.76 \$64,828.14	N N	ont De:	Contract Tracking Contract Estimates WBS Maintenance	>	Review Contract BOM Review Contract Details	
e Items Subca ine Contract em Adj		ption	UOM	Non- Part	Quantity 0.350	Unit Price \$16,000,0000	Amount \$5,600.00			NPT	Density	>	Review Contract Times Review Subcontracts	
2	INCIDENTAL STONE BASE SHOULDER RECONSTRUC	TION	TON		298.000 11.900	\$25.0000 \$3.250.0000	\$7,450.00 \$38.675.00			2P1	Field Inspection Reports Independent Assurance	,	Review WBS Details Review Work Items	
4 5	MILLN ASPHALT PVMT ***** - INCIDENTAL MILLING	***** [(0" TO 1-1/2")]			165.000 1,070.000	\$25.0000 \$4.5000	\$4,125.00 \$4,815.00			CP1	QA/QC	>	View Line Item Details	
6 8	ASP CONC SURF CRS S9.58 ASP FOR PLANT MIX	3	TON TON		6,491.000 389.000	\$39.5000 \$475.0000	\$256,394.50 \$184,775.00				Sampling	>	Review LGA Contracts	
9 14	PATCHING EXIST PAVEMENT WORK ZONE ADV/GEN WAR	N SIGN	TON		990.000 668.000	\$95.0000 \$5.1000	\$94,050.00 \$3,406.80			lte	Project Certification	° 🗖		_
15 16	TEMP TRAFFIC CONTROL (S 24"WIDE THERMO 120 MILS		LS LF		0.350 32.000	\$7,500.0000 \$12.5000	\$2,625.00 \$400.00			ə	Project Closeout	`		
17 19	THERMO PVT SYMBOL 90MII POLYUREALINES (4" *****) [EA VE ELE LF		2.000 125,664.000	\$165.0000 \$0.8300	\$330.00 \$104,301.12			n	DOH Vendor System	ipt	ion	UOI
20	SNOWPLB PVMT MRKER		EA		340.000	\$24,5000	\$8,330.00			1	MOBILIZATION			LS

You can find contractor totals by the WBS a couple different places in HICAMS – WBS details (under Functions, Contract Maintenance, Review WBS details will allow you to review how much has been spent at WBS level in one place.

Expenditures – Costs in HICAMS

Estimat	te			Remark	IS		From	Thru	Amo	unt	Status
	8							11/04/2016	\$	511,000.00 Pa	aid
	7						10/16/2016	11/04/2016	\$	29,685.92 Pa	id
General	Escrow	Totals	Line Items	WBS	Item Details	Prepayments	Pay Factors	Damages	Open Issues	Completion	History
	WBS:	2016CPT	r.13.07.1100	•		Participa	ating	Non-Part.	Tot	tal	
		2016CPT	T.13.07.1100 T.13.07.2100 T.13.07.2100	1.1 2.1 ateri	Estimate to Dat al Prepayment stments to Dat	ts:	\$0.00	\$0.00 \$0.00 \$0.00)	50,389.95 \$0.00 0,187.82)	
				sess	Less Retainag ed Liq Damage		\$0.00 13.50	\$0.00 \$0.00		\$0.00 \$7,913.50	
			L	ess Pre	vious Payment	ts: \$627,1	68.13	\$0.00	\$62	27,168.13	
				Am	ount of Estimat	te: \$5,1	20.50	\$0.00) 9	\$5,120.50	

You can also review WBS total costs in the WBS window of estimates. You can select each WBS to review. The one downside to this window is you have to manually subtract adjustments and LDs from the estimate to date.

Expenditures – Costs in HICAMS

Estimat	e			Remark	IS		From	Thru	Amo	unt	Status
	8							11/04/2016	\$	511,000.00 Pa	aid
	7						10/16/2016	11/04/2016	\$	29,685.92 Pa	bid
General	Escrow	Totals	Line Items	WBS	Item Details	Prepayments	Pay Factors	Damages	Open Issues	Completion	History
	WBS:	2016CPT	r.13.07.1100	•		Participa	ating	Non-Part.	Tot	tal	
		2016CPT	T. 13.07.1100 T. 13.07.2100 T. 13.07.2100	1.1	Estimate to Dat al Prepayment		89.95 \$0.00	\$0.00 \$0.00		50,389.95 \$0.00	
					stments to Dat			\$0.00		0,187.82)	
					Less Retainag	e:	\$0.00	\$0.00)	\$0.00	
				sess	ed Liq Damage	s: \$7,9	13.50	\$0.00) (67,913.50	
			L	ess Pre	vious Payment	s: \$627,1	68.13	\$0.00	\$62	27,168.13	
				Am	ount of Estimat	e: \$5,1	20.50	\$0.00) (\$5,120.50	

You can also review WBS total costs in the WBS tab under Estimate review. By using the drop down window, you can select any of the WBSes on the project. The one downside to this window is you have to manually subtract adjustments and LDs from the estimate to date.

Expenditures – Costs in HICAMS

stimate Report	with WBSs		•	🗌 Show Zero Q	uantities		Show Full I	tem Description	
stimate Report v			SF	668.000	\$5,1000	0.00000	336.00000	336.00000	\$1,713.60
stimate Report f stimate Report f	or Contractors or Contract Final Quan	tities	LS	0.350	\$7,500.0000	0.00000	0.35000	0.35000	\$2,625.00
stimate Report S	Snapshot	7 120 10123	LF		\$12.5000	0.00000	38.00000	38.00000	\$475.00
17	THERMO PVT SY		EA		\$165.0000	0.00000	2.00000	2.00000	\$330.00
19	POLYUREA LINES	(4" *****) [(HIGHL)	REFLECTIVE ELEN LF	125,664.000	\$0.8300	0.00000	113,387.00000	113,387.00000	\$94,111.21
20	SNOWPLB PVMT		EA		\$24.5000	0.00000	398.00000	398.00000	\$9,751.00
					* ind	licates a minor	line item which ha	as overrun by more t	than 100%
					** ind	licates a major	line item which ha	as overrun by more t	than 15%
		Participating	Non-Participating	Total					
	Contract Line Items:	\$650,389.95	\$0.00	\$650,389.95					
N	Contract Line Items: Material Prepayments:	\$650,389.95 \$0.00	\$0.00 \$0.00	\$650,389.95 \$0.00					
Ν									
Ν	Material Prepayments:	\$0.00	\$0.00	\$0.00					
Ν	Material Prepayments: Fuel Adjustments:	\$0.00 (\$10,187.82)	\$0.00 \$0.00	\$0.00 (\$10,187.82)					
	Material Prepayments: Fuel Adjustments: Total Estimate:	\$0.00 (\$10,187.82) \$640,202.13	\$0.00 \$0.00 \$0.00	\$0.00 (\$10,187.82) \$640,202.13					
Less As	Material Prepayments: Fuel Adjustments: Total Estimate: Less Retainage:	\$0.00 (\$10,187.82) \$640,202.13 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 (\$10,187.82) \$640,202.13 \$0.00					

3rd option is to use the Print button to view an estimate – you will need to click on "Estimate Report with WBSs". This option will provide a summary of each estimate in the report. Total estimate will provide the value on the WBS but you will need to deduct the value of assessed liquidated damages.

Projecting Contract Expenditures



Overruns should take into account any change in quantities that was not anticipated in the original bid amount

- Accurate line code overrun/underrun values
- All anticipated SA work, claim compensation, force account work is considered a fiscal overrun
- Any adjustments AC/Fuel adjustments or line code adjustments (pay reductions/incentive payments)

Projecting Contract Expenditures

Contract: C2042	91 Un Contractor: \	VATSON CONTRACTING	INC	Status: Activ	ve		
Description (n	ickname): NC 175						
stimate	Remarks		From	Thru	Amount	Status	
26			04/08/2021	05/07/2021	\$956,717.14		
25			03/08/2021	04/07/2021	\$462,272.09	Paid	
neral Escrew Tot	als Line Items WBS Item D	stails Prepayments Pa	y Factors Dame	ages Open Issues	Completion History		
	Contractor on Estimate: W	ATSON CONTRACTING I	1C				
	Type: Pa	rtial	С	urrent Days Used	: 30		
	Percent Complete:	66.48 %		vious Days Used:			
% Com	plete by Progress Chart:	70.00 %	0	Days Used to Date	: 768		
Ov	errun/Underrun to Date:	\$758,274.46		Completion Date	: 03/30/2022		
% Ov	errun/Underrun to Date:	3.84 %	Revised	Completion Date	: 05/09/2022		
	Total Retainage to Date:	\$0.00	Estimated	Completion Date	: 05/09/2022		
Less Amou	unt Previously Retained:	\$0.00	Supp	plemental Amount:	: \$-341,367.40		
	Current Retainage:	\$0.00	F	Retainage Percent	: 0.00 %		
Comment:						2	

	Value
Contract Bid Amount	\$19,735,711.70
Overrun/Underrun	\$758,274.46
Spent to Date	\$13,624,292.52
Amount Left to Spend	6,6869,693.64

Projecting Other Expenditures

	Amount
Total Amount Spent	\$16,040,246.96
Paid to Contractor	\$13,624,292.52
Other Expenses Spent	\$2,415,954.44

Current Days Used:	30	
Previous Days Used:	738	
Days Used to Date:	768	
Completion Date:	03/30/2022	
Revised Completion Date:	05/09/2022	
Estimated Completion Date:	05/09/2022	
Supplemental Amount:	\$-341,367.40	
Retainage Percent:	0.00 %	
		2

We previously established just over \$2.4M in other expenses had been used at this point in the project. The contract has been ongoing for 768 days (approximate 26 months) as found in the details window of the last paid estimate. This averages out to approximate expenditures of \$92,921.32 per month. As noted from the CEI report, this is a combination of CEI, admin costs, and maintenance costs. It can be assumed that the costs will continue throughout the life of the project. You can take into consideration if you know of any one-time expenses that have been needed.

Projecting Other Expenditures

nd	Length: 3	.925			Amount
	Contract Calendar Days: Revised Calendar Days:	1095 Remark 1135		Monthly Expenditures	\$92,921.32 / month
	Curr Calendar Days Used: Previous Cal Days Used:	30 738		Time Left on Contract	1135 – 768 days =
	Cal Days Used to Date:	768		Time Left on Contract	367 days = 12 months
	Percent Complete:	66.48			
	% Complete By Progress Chart:	70.00		Total Left to Spend	\$1,115,055.90
	% Overrun/Underrun to Date:	3.84			

Remaining contract time can be determined by subtracting revised calendar days from the calendar days used to date from the last estimate paid. The average monthly rate can be multiplied times the number of months left on the contract to determine anticipated other expenditures needed to complete the project.

Determining New Requests

	Amount		Amount
Contract Bid Amount	\$19,735,711.70	Monthly Expenditures	\$92,921.32 / month
Overrun/Underrun	\$758,274.46	Time Left on	1135 – 768 days =
Spent to Date	\$13,624,292.52	Contract	367 days = 12
Amount Left to	6,6869,693.64		months
Spend		Total Left to Spend	\$1,115,055.90

Total funding needed to complete project is
 \$6,6869,693.64+ \$1,115,055.90 = \$7,984,749.54

Determining New Requests

rip [*]	Σ	6,764,000.00		Σ	Expenditures	Σ		Amount
			02/13/2019 02/13/2019 09/05/2019				Total Funding	\$21,300,000.00
		6,000,000.00 6,000,000.00-	09/05/2019				Total Spent	\$16,040,246.96
			05/08/2020 07/28/2020				Left to Spend	\$5,259,753.04
		432,860.07- 432,860.07 12,270,382.90	09/09/2020					
		12,270,382.90- 1,000,000.00	11/10/2020 06/14/2021				Amount Left to Spend	\$7,984,749.54
		1,000,000.00-	06/14/2021		16,040,246.96		(contractor and CEI)	
	•	21,300,000.00 21,300,000.00 21,300,000.00		•	16,040,246.96 16,040,246.96 16,040,246.96	••	Difference	\$2,724,996.50
	••••			••••	16,040,246.96			

At the time of this review it appears that approximately \$2.75M in additional funding is needed

General	Contract 1	Times	Line Items	WBS Detail	Approval	History	
						De	escription:
		Тур	e Of Work:	Roadway		▼ L(C #217 "Clearing and Grubbing"
			or Change:	104-7 Extra W	/ork	▼ St ck Th	his supplemental agreement is written in accordance with Article 104-3 of the 2012 landard Specifications for Roads and Structures and provides compensation for earing and grubbing. he clearing and grubbing shall be performed in all areas required to complete onstruction as shown in the attached plans. This construction was shown as "Work
			pproru.				istification:
						В	udget has been verified
Co	mment:						2
					-	Activa	ate Indicators Process Approval Void
						<u>A</u> ctiva	ate Indicators Process Approval Void

- For supplemental agreements, include "Budget has been verified" in the justification box.
- We are working with HICAMS team to add a Budget verification check box.

	Claim	ID:19 Type	: Active		Claim Status: New	r			by Issue Status	
c	laim Descriptio	on: Test Claim					2	(Al	I) –	
Issue ID	lssue Type	lssue Reason	Specification	Compensation Amt Requested	Compensation Amt Granted	Time Requested	Time Granted	Rate UOM	lssue Status	
А	Compensation	Extra Work	104-7	\$1,000,000.00	\$1,000,000.00				Pending	
Gener	al Contract Ti	mes History								
		Decision:			Last Decision	:				
		Issue Description: Add	tional Work was pe	erformed. NCDOT ha	is agreed to comper	isate			2	
		Delay Cause:								
	Alleged Contro	olling Operation(s):								
	Actual Contro	olling Operation(s):								
6.					Documenting Budget	Check				
Co	mment: Budge	t has been verified							2	

- For Claims, include "Budget has been verified" in the comment box.
- We are working with HICAMS team to add a Budget verification check box.

Intract Adjustment Line Items: Dol Average	Credit for DOT Erosion Control DOL Documenting Budget Check \$-1.0000 7640 Credit for DOT Field Surveying HR .0000 \$-100.0000 2650 Credit for DOT Maintenance Work DOL .0000 \$-10.0000 7640 Credit for DOT Maintenance Work DOL .0000 \$-1.0000 7640 Credit for DOT Office Calculations HR .0000 \$-50.0000 2650 Credit for Replacement Signs DOL .0000 \$-1.0000 7640 Final Surface Testing - Disincentive DOL .0000 \$-1.0000 7640 Final Surface Testing - Incentive DOL .0000 \$1.0000 7640 Contract Adjustment Line Items:		7640 2650 7640 2650 7640 7640 7640	\$-1.0000 -100.0000 \$-1.0000 \$-50.0000 \$-1.0000 \$-1.0000	get Check \$-1 \$-100 \$-1 \$-50 \$-1 \$-1 \$-1	Documenting Bud .0000 .0000 .0000 .0000	DOL HR DOL HR	control veying nce Work Iculations	for DOT Fiel for DOT Mai	Credit Credit
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redit for DOT Office Calculations HR .0000 \$-50.0000 2650 redit for Replacement Signs DOL .0000 \$-1.0000 7640 nal Surface Testing - Disincentive DOL .0000 \$-1.0000 7640 nal Surface Testing - Incentive DOL .0000 \$1.0000 7640 Intract Adjustment Line Items:	Credit for DOT Office Calculations HR .0000 \$-50.0000 2650 Credit for Replacement Signs DOL .0000 \$-1.0000 7640 Final Surface Testing - Disincentive DOL .0000 \$-1.0000 7640 Final Surface Testing - Incentive DOL .0000 \$1.0000 7640		2650 7640 7640 7640	\$-50.0000 \$-1.0000 \$-1.0000	\$-50 \$-1 \$-1	.0000 .0000	HR	lculations		
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- Any other additions to the contract will require a budget check.
- Standard line items such as AST adjustment, supplemental surveying, final surface testing, etc. do not require a budget check but costs should be included in overrun calculations.
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Documenting Budget Check

T.		Contract: C203	0120 WD3: 34000.3.51K011 E	stimate: 40 Fr	om: 0//00/2010	Inru: 00/07/2010				
	Line	Contract Adj.	Description MOBILIZATION	Unit of Measure LS	Plan Quantity 1.000	Unit Price \$545,000.0000	Current Quantity 0.00000	Previous Quantity 1.00000	Total Quantity 1.00000	Total Amount \$545,000.00
		2	CONSTRUCTION SURVEYING	LS	1.000	\$65,000.0000	0.00000	1.00000	1.00000	\$65,000.00
		3	CLEARING & GRUBBING	LS	1.000	\$1,064,000.0000	0.00000	1.00000	1.00000	\$1,064,000.00
		3 SA14	CLEARING & GRUBBING	LS	1.000	\$46,365.0000	0.00000	1.00000	1.00000	\$46,365.00
		4	SUPP CLEARING & GRUBBING	ACR	5.000	\$2,500.0000	0.00000	1.98800	1.98800	\$4,970.00
		5	UNCLASSIFIED EXCAVATION	CY	46,800.000	\$8.5000	0.00000	43,899.16000	43,899.16000	\$373,142.86
	*	6	UNDERCUT EXCAVATION	CY	3,140.000	\$12.0000	0.00000	30,920.43000	30,920.43000	\$371,045.16
	**	7	BORROW EXCAVATION	CY	201,680.000	\$7.0000	0.00000	338,737.54400	338,737.54400	\$2,371,162.81
		8	DRAINAGE DITCH EXCAVATION	CY	13,964.000	\$8.5000	0.00000	778.40000	778.40000	\$6,616.40
		9	BERM DITCH CONSTRUCTION	LF	260.000	\$7.5000	0.00000	0.00000	0.00000	\$0.00
	1	0	REMOVAL OF EXT ASPHALT PVMT	SY	4,950.000	\$5.0000	0.00000	2,828.00000	2,828.00000	\$14,140.00
	1	11	SELECT GRANULAR MATERIAL	CY	2,000.000	\$15.0000	0.00000	227.19600	227.19600	\$3,407.94
	* 1	2	GEOTEXTILE SOIL STABILIZATION	SY	5,800.000	\$1.7500	0.00000	33,295.10000	33,295.10000	\$58,266.43
	1	2 SA3	GEOTEXTILE SOIL STABILIZATION	SY	500.000	\$1.7500	0.00000	0.00000	0.00000	\$0.00
	1	3	GEOGRID FOR SOIL STABILIZATION	SY	8,350.000	\$2.2500	0.00000	3,611.11000	3,611.11000	\$8,125.00
	* 1	4	FND CONDIT MATL MINOR STRS	TON	320.000	\$30.0000	0.00000	1,363.73000	1,363.73000	\$40,911.90
	1	5	FND CONDIT GEOTEXTILE	SY	1,000.000	\$1.7500	0.00000	1,188.90000	1,188.90000	\$2,080.58
	1	6	15" DRAINAGE PIPE	LF	340.000	\$35.0000	0.00000	300.00000	300.00000	\$10,500.00
	1	7	18" DRAINAGE PIPE	LF	60.000	\$40.0000	0.00000	28.00000	28.00000	\$1,120.00
	1	8	30" DRAINAGE PIPE	LF	16.000	\$60.0000	0.00000	0.00000	0.00000	\$0.00
	* 1	9	15" RC PIPE CULV III	LF	64.000	\$37.0000	0.00000	180.00000	180.00000	\$6,660.00
	2	0	15" RCP CULV CLASS IV	LF	692.000	\$30.0000	0.00000	735.20000	735.20000	\$22,056.00
	2	1	18" RCP CULV CLASS IV	LF	344.000	\$34.0000	0.00000	323.60000	323.60000	\$11,002.40
	2	2	24" RCP CULV CLASS IV	LF	148.000	\$40.0000	0.00000	147.00000	147.00000	\$5,880.00
	2	3	30" RCP CULV CLASS IV	LF	340.000	\$50.0000	0.00000	322.40000	322.40000	\$16,120.00
	* 2	4	15" CS PIPE CULV 0.064"	LF	32.000	\$56.0000	0.00000	167.00000	167.00000	\$9,352.00
	2	5	24" CS PIPE CULV 0.064"	LF	20.000	\$63.0000	0.00000	20.00000	20.00000	\$1,260.00
	2	6	**" CS ELBOW ***** THICK [(15", 0.064")]	EA	1.000	\$400.0000	0.00000	1.00000	1.00000	\$400.00
	2	27	**" CS ELBOW ***** THICK [(24", 0.064")]	EA	1.000	\$500.0000	0.00000	1.00000	1.00000	\$500.00
	2	8	**"WLD STL PIPE GRAD B IN SOIL [(18", 0.5")] LF	52.000	\$159.0000	0.00000	104.00000	104.00000	\$16,536.00
	2	9	**"WLD STL PIPE GRAD B NOT IN SOIL [(18"	, 0.5")] LF	52.000	\$159.0000	0.00000	0.00000	0.00000	\$0.00
	3	0	18" BCCMP PIPE CULVERTS, 0.079" THICK	LF	100.000	\$55.0000	0.00000	100.00000	100.00000	\$5,500.00
						* in	dicates a minor	line item which ha	as overrun by mor	e than 100%

* indicates a minor line item which has overrun by more than 100%
** indicates a major line item which has overrun by more than 15%

* indicates a minor line item which has overrun by more than 100%
 ** indicates a major line item which has overrun by more than 15%

- Overrun of line code items should be captured in your monthly overrun analysis.
- * Minor Line item that has overrun more than 100%
- ** Major line items that has overrun by more than 15%
- Even if you don't have SAs or claims, line code overruns should be checked at 25%, 50%, 75%, and 90% of contract time.
- Budget has been verified can be added in the Estimate Comment window.

How to make request

Automated Funding Request Application (AFRA)

How to request funding? STIP Funding Request Application

- Purpose of Application Allow anyone in the DOT with Enterprise Business Services (EBS Portal) Access to request STIP funding from PMU and provide the ability to process those requests.
- Start by logging into the Enterprise Business Services portal.



When to make the request



- Not required to make a funding request every SA, claim, etc.
- Divisions should monitor expenses and make a request when significant overrun costs have occurred and it is clear that there is insufficient budget to cover expenses
- REs should talk with DCEs and ACEs to determine best time to make request
- DO NOT allow the WBS to go into overdraft!!!

Any Questions???



Prompt Payment Audit



An email should be sent out within the next week regarding FHWA audit on prompt payment.

Prompt Payment Audit



What is the audit reviewing?

- How does NCDOT monitor prompt payment/return of retainage
- NCDOT's enforcement mechanisms for violations of prompt payment/return of retainage
- Dispute resolution process to resolve payment disputes
- Does NCDOT investigate prompt payment/return of retainage – what are those procedures?

How does NCDOT monitor prompt payment/return of retainage

The Contractor shall provide the Engineer with an accounting of payments made to all DBE firms, including material suppliers and contractors at all tier levels (prime, subcontractor, or second tier subcontractor). This accounting shall be furnished to the Engineer for any given month by the end of the following month. This information is entered into the NCDOT Payment Tracking system. The Contractor certifies that payments are accurate and that actual payments have been made to subcontractors and suppliers. The Resident Engineer's office is responsible for reviewing and approving this information to ensure timely payments are made prior to making payments on estimates.

RE office should review DBE work on a monthly basis and ensure that all DBE payments are being reported in the DBE payment tracking system. Any questions or concerns about about payments entered or lack of reporting should be discussed with the contractor.

NCDOT's enforcement mechanisms for violations of prompt payment/return of retainage

Failure to submit this information accordingly may result in the following action:

(A) Withholding of money due in the next partial pay estimate; or

(B) Removal of an approved contractor from the prequalified bidders' list or the removal of other entities from the approved subcontractors list.

If payments are not entered in a timely manner, the RE should withhold the next partial pay estimate. This should be documented in a letter to the contractor. If the contractor fails to respond to requests regarding prompt payment, contact ACE to discuss further measures, which may include removal of prequalifications.

Dispute resolution process to resolve payment disputes

NCDOT may facilitate a meeting to resolve payment disputes between a prime contractor and a subcontractor or material supplier.

If the prime and subcontractor are at an impasse on a payment dispute, NCDOT may facilitate a meeting to assist with resolving these issues. This is reserved for cases in which it is not a prompt payment issue, but a contractual payment issue between the prime and sub. Prompt payment issues should follow the procedures discussed on previous slide

Does NCDOT investigate prompt payment/return of retainage – what are those procedures?

The Resident Engineer will notify the prime contractor and request supporting documentation of payments made to a subcontractor. The subcontractor may be contacted to request information on payments made, work performed, and any other details necessary to complete the investigation. Additionally a comparison of work performed on the contract utilizing diaries, invoices, and subcontractor agreement forms will be used to assist in the investigation. Upon review of all documentation, the Resident Engineer will advise the prime contractor and subcontractor of the results of the investigation.

If the RE discovers or is notified of a prompt payment allegation, they should send a certified letter to the prime contractor requesting supporting documentation that the sub has been paid within 7 days. The prime should provide proof of payment or documentation supporting a contractual dispute. If the prime fails to respond, contact your ACE for further steps.

Projects that will be audited

Contract Number	Contract Type	Prime Contractor	Division	Contract Bid Amount
6300049123	A3 - Consultant	WETHERILL ENGINEERING, INC.	1	\$913,728
6300052364	A3 - Consultant	HDR ENGINEERING INC OF THE CAROLINAS	14	\$1,538,569
6300052404	A3 - Consultant	DRMP INC	9	\$3,987,079
6300052981	A3 - Consultant	KCI ASSOCIATES OF NORTH CAROLINA PA	6	\$1,051,135
7500023702	B5 - Municipals	CITY OF CONCORD FINANCE DEPT.	Statewide Planning	\$376,156
7500023703	B5 - Municipals	CITY OF RALEIGH	Statewide Planning	\$2,524,055
C203567	C1 - C1/C2 Constr	ZACHRY CONSTRUCTION CORPORATION	5	\$39,756,917
C203772	C1 - C1/C2 Constr	SEALAND CONTRACTORS CORP	3	\$22,000,001
C203801	C1 - C1/C2 Constr	VECELLIO & GROGAN INC	11	\$53,058,545
C203831	C1 - C1/C2 Constr	BLYTHE CONSTRUCTION INC	12	\$15,329,149
C203941	C1 - C1/C2 Constr	W C ENGLISH INCORPORATED	1	\$15,361,279
C204055	C1 - C1/C2 Constr	GLF CONSTRUCTION CORPORATION	13	\$8,672,509
C204174	C1 - C1/C2 Constr	DIAMOND SURFACE INC	7	\$13,393,321
C204329	C1 - C1/C2 Constr	BARNHILL CONTRACTING CO	8	\$5,620,739
DB00455	D1 - Div HiCAMS	PALMETTO INFRASTRUCTURE INC	2	\$1,184,712
DD00295	D1 - Div HiCAMS	CALVIN DAVENPORT INC	4	\$2,446,972
DG00472	D1 - Div HiCAMS	SMITH-ROWE, LLC	7	\$1,689,143
DI00213	D1 - Div HiCAMS	NJR GROUP INC	9	\$2,107,908
DJ00351	D1 - Div HiCAMS	BOGGS CONTRACTING INC	10	\$1,185,532
DN00650	D1 - Div HiCAMS	GRAHAM COUNTY LAND COMPANY LLC	14	\$3,499,917

Questions

- 1. Who specifically is responsible for monitoring prompt pay?
- 2. How do you monitor PP/RR?
- 3. Are there written procedures in place to ensure prompt pay? If yes, can you provide a copy?
- 4. Are you aware that NCDOT's approved DBE program plan requires PP/RR to be completed within 7 days?
- 5. Do you monitor prompt pay for all subcontractor tiers?
- 6. What action have you taken/would you take if/when a sub has not been paid promptly or retainage has not been returned promptly?
- 7. How frequently do you receive complaints about prompt pay?
- 8. Do subcontractors/subconsultants know who to contact if they have a prompt pay complaint?

Spreadsheet to Complete

State:					NC		Project Name:	Slocum Gate Flyove
Name of F	Prime:				S T WOOTEN CORPO	PATION	Federal Aid Number (FAN):	NHS-0070(154)
	Subcontractor:				K & D LOGISTICS LLC		State Project Number:	C203955
	of Subcontractor:				1st		Contract Amount:	\$ 24,370,634.2
								• • • • • • • • • • • • • • • • • • • •
	ork contracted				Hauling		Award Date:	7/20/2017
	of days state re				7		Project Projected Completion Dat	
Number o	of days state re	quires rele	ase of retaina	ge or	N/A		Amount Paid to Date:	\$ 23,700,242.5
							Date Audit completed:	3/2/2020
							Division Point of Contact:	Brad McMannen
2019	Was Prime* paid for the work completed by Subcontractor?	Date Prime received payment	Date Subcontractor received payment	Was payment received on time?	Date Subcontractor recieved retainage	Was retainage released on time?	How was late payment/ retainage issues addressed or resolved?	Did the State take enforcement actions due to lat payment/retainag release?
				On Time		Release		
		1/0/2010		Paymen		of		
January		1/9/2019		T Lata		Retainag Release	•Neter Cub is said as weakly	no
				Late		of	*Note: Sub is paid on weekly	
C		2/7/2010	2/15/2010	Paymen			basis whereas NCDOT issues	
February	yes	2/7/2019	2/15/2019	t Late		Retainag Release	monthly payments	no
						of	*Note: Sub is paid on weekly basis whereas NCDOT issues	
March		2/12/2010	2/22/2010	Paymen				
Warch	yes	3/12/2019	3/22/2019	0n Time		Retainag Release	monthly payments	no
				Paymen		of		
Annil				Paymen .		Retainag		
April				0n Time		Release	*Note: Sub is paid on weekly	
				Paymen		of	basis whereas NCDOT issues	
May	ves	5/10/2019	5/10/2019			Retainag		no
May	yes	5/10/2019	5/10/2019	0n Time		Release	*Note: Sub is paid on weekly	no
				Paymen		of	basis whereas NCDOT issues	
June	ves	6/11/2019	6/14/2019			Retainag	monthly payments	no
June	yes	0/11/2019	0/14/2019	0n Time		Release	monuny payments	10
				Paymen		of		
July				+		Retainag		
July				On Time		Release		
				Paymen		of		
August	ves	9/4/2019	9/6/2019			Retainag		no
August	yc3	5/4/2015	5/0/2015	On Time		Release		110
				Paymen		of		
Septembe	ves			t		Retainag		
	,			On Time		Release		
				Paymen		of		
October				t		Retainag		
				On Time		Release		
				Paymen		of		
November				t		Retainag		
				On Time		Release		

- Will be required to complete a sheet for all subcontractors, 2nd tier subcontractors, suppliers, and manufacturers on the project
- Request this information from the prime contractor. Subs may need to request 2nd tier information.

Any Questions???

