



# NCDOT/CAGC Joint Cooperative Committee Agenda

Chief Engineer's Conference Room November 30, 2017

## Agenda Items:

1)	Financial Update	David Tyeryar
2)	Letting Projections	Ron Davenport
3)	Rail Update	Jason Orthner
4)	CEI on NCDOT Projects	Jason Williams
5)	Division Lettings (posting)	Jason Williams
6)	CMGC (Pilot)	Ron Hancock



# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER GOVERNOR JAMES H. TROGDON, III Secretary

December 18, 2017

MEMORANDUM TO:	AGC-DOT Joint Cooperative Committee Members
FROM:	Ron Hancock, PE Deputy Chief Engineer
SUBJECT:	November 30, 2017 Minutes

The Joint Cooperative committee of the AGC – DOT met at 10:00 a.m. on November 30, 2017 in the Chief Engineer's Conference Room at the NCDOT Equipment and Maintenance Facility on Beryl Road in Raleigh.

#### AGENDA AND DISCUSSION ITEMS

#### **Financial Update**

#### **David Tyeryar**

Mr. Tyeryar stated that the first quarter looked good and NCDOT is trailing projections by 1%. But this is only the first quarter and does not constitute a trend. Most of our spending at this point is maintenance as construction is starting to slow down.

In the next 2 to 4 weeks the department will start to formulate the legislative package for revenue enhancements. Mr. Tyeryar stated to industry not to be afraid to invest that NCDOT's intent is to keep the program going.

Mr. Jenkins mentioned to industry to look at the financial report that is on the web and goes to the Board of Transportation every month. It give an update on what is happening and where the department stands in income and expenditures.

#### Letting Projections (handout)

#### **Ron Davenport**

Mr. Davenport provided a handout outlining the proposed Letting Projection Chart and the Let Summary Projections for the next 12 months (December 2017 through November

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2018). In the next 12 months, \$3.21 billion in projects are currently scheduled including Design Build, TIP, TIP Bridge Replacement, Resurfacing and Division Let projects.

The following 12 months was also handed out with no division data. In that 12 month period for central let \$ 2.24 billion in lettings was shown.

Industry asked about any updates to I-485 and Secretary Trogdon mentioned that the tolling strategy shows a loss so they are going back to Charlotte to talk about a strategy that makes revenue so they can go forward with the project. Right now there are two projects involved, I-485 and US 74 Independence Blvd. Secretary Trogdon stated that even if they let these two projects separately, they still need to be managed as a system. These projects will not be let together as there are two different time frames for the projects.

Industry asked about the I-440 project (Walnut Street to Wade Avenue) and how the public was perceiving this after Fortify. Secretary Trogdon stated that they are still working on the environmental document and looking at minimization so it will look a little more compressed than what was seen during the environmental process. The department is still looking to get construction started on it in June.

Industry asked if there will be any more major projects down east as most look like they are in the Raleigh area. Mr. Hancock mentioned that there is a design build contract (James City) later in 2018. There is also the Havelock project where construction should start next year after the law suit is settled.

Industry asked if the scope on Mid-Currituck has changed any. Mr. Hancock stated that he is not aware of any significant changes and the work on the ends of the bridge is still within the scope. The project however continues to slide.

Industry asked if the Fayetteville outer loop projects (U-2519BA and BB) will be let separately and combined. Mr. Hancock stated that those projects will be combined as well as the Winston-Salem norther beltway projects (U-2579 E and F).

Industry asked if the southern wake freeway (future NC 540) project showed to be let in October of 2019 was realistic. Secretary Trogdon stated that it may move to October/November of 2018 as three projects.

#### Rail Update

#### Jason Orthner

Mr. Orthner stated that the NCDOT portion of the Pembroke Connector is finished.

For the Charlotte Gateway Station project, most of the structures supporting the rail road is in the March letting. The Rail Division is working through some complicated rail and municipal agreements so that date may move. Mr. Orthner stated that it is not a highway contract it is all railroad structure. Mr. Orthner also mentioned to look at Division 10's letting page for a POC advertisement for drill shafts.

Mr. Orthner stated that work code 5090 with is work within the rail right of way has changed. It will be a required work code for the contracts so please follow up on that code if you are interested in the work.

A canopy bridge project is coming for the Charlotte Skyline in the 2020-2021 time frame.

Lastly, over the next 5 to 7 years, 13 new grade separation projects will be coming through central let and administered by the Rail Division.

Industry asked if there were any updates on the CSX facility in Rocky Mount. Mr. Orthner stated that they are working with CSX and are in the agreements phase; however, delays are anticipated.

#### **CEI on NCDOT Projects**

#### Jason Williams

Mr. Williams mentioned that he is seeing CEI personnel in the Resident Engineer position and he was under the understanding that the highest position CEI personnel would be in was Assistant Resident Engineer with a NCDOT Resident. Mr. Hancock stated that that was NCDOT's goal, but with the amount of work the department has had to have a few CEIs in the role of Resident Engineer. Mr. Hancock mentioned that the CEI Engineers on the Monroe project report directly to the Division Construction Engineer.

Mr. Jenkins mentioned that NCDOT needs to openly talk about the expectations of CEI staff and perhaps the winter conferences may provide an opportunity. Mr. Hancock mentioned that they have worked on and revised the CEI agreement language.

Industry was also had safety concerns with CEI staff due to some instances that have occurred. Mr. Hancock stated that the department takes safety very seriously and have training with the CEI personnel. This may also be a good topic to discuss at the winter conferences.

#### **Division Lettings**

#### Jason Williams

Mr. Williams asked if the Divisions can post the engineer's estimate across all 14 divisions. He stated that some do and others do not. When the estimate is not posted, the contractors needs to call to see if they are within the estimate. Mr. Hancock stated that he will mention this at the next Division Engineer's meeting to ensure that they follow the requirement of the letter sent to the divisions earlier in the year.

Industry also asked if there will be division plan holder's lists in January. Mr. Hancock mentioned that the department is working on that and believe that they may have a work around to get the lists.

Industry stated that addendums differ division to division and there needs to be more consistency. Some have the contractor sign that they received the addendum and fax it in, others do not. Some divisions won't give the link to the addendums unless they know the

contractor is bidding.

Mr. Davenport stated that the department is on the road to getting the central and the division websites to look the same for consistency and ease in getting information.

Industry also stated that they really do not need all the plans and proposals that are sent to them. Perhaps the department should look at how many of each the low bidder needs to save the cost of sending.

#### CMGC Pilot

#### **Ron Hancock**

Mr. Hancock stated that he can see the benefits of CMGC like they use in Florida, Nevada and Utah and would like to get legislation to give the department the ability to try it on a three pilot projects.

Industry asked if the department will allow the contractor to do a certain percentage of the work or if it will be totally brokered out. Others stated that they need more information on it to see if it is worth pursuing and wanted to know how it will impact the permitting process.

Some input from industry was that GMGC was a great collaboration process, but it is hard to figure cost and deliver a bottom line in this model, unlike hard bids. The successful use of this model is also more about the type of project selected.

Mr. Jenkins suggested that we try to move forward with the pilot and have a small group get together to discuss the details in the same fashion that design–build was done. Mr. Hancock agreed and would like the group to decide a reasonable qualification for CMGC and what percentage of work can be done by the CMGC.

### Secretary Update

#### Secretary Trogdon

Secretary Trogdon stated that NCDOT is working on accelerating projects. The department realizes that right of way acquisition and utilities are typically an issue and are working to streamline these processes.

The department is also working with the legislature on how to set itself up for replacing the motor fuels revenue in the next 10 years. A group is getting together with legislative partners to determine strategies. Until these strategies kick in, the department needs a steady stream of revenue and that is where the bonds will assist.

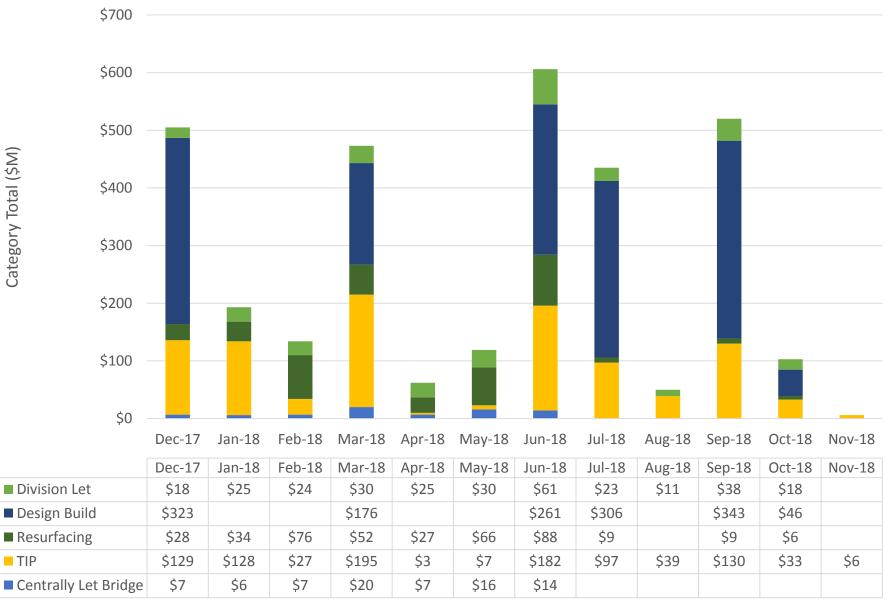
The department is also looking how to expand the workforce. There is a work group on going to generate ideas. The department is also partnering with the AGC to get people to get into transportation construction and stay.

From a long range planning perspective, Secretary Trogdon mentioned that the department is looking at doing regional planning with RPOs instead of the counties. This effort will allow a bigger picture of the needs that don't stop at the county lines. The

hope if for stronger projects that are more regional in nature.

## **Next Meeting Date**

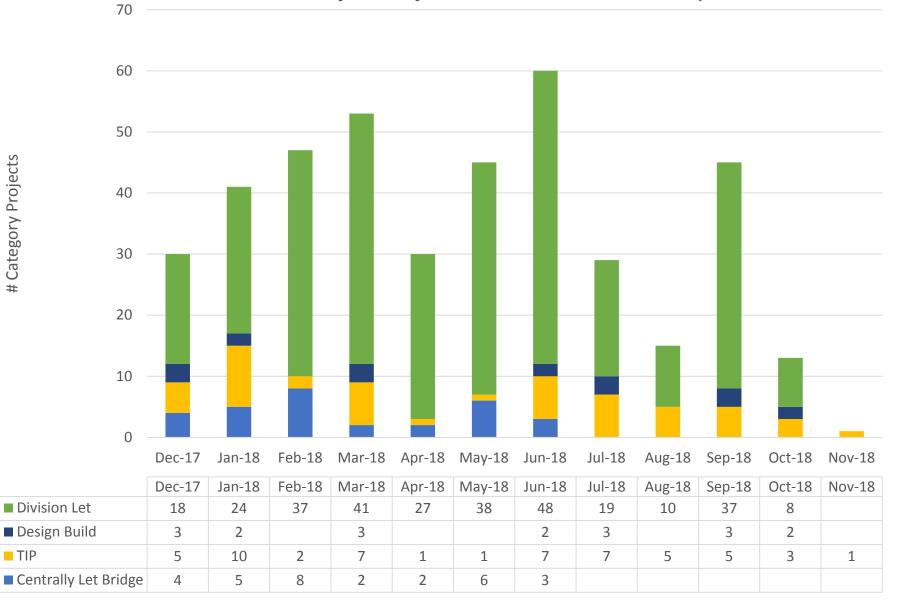
The next meeting is scheduled for January 18, 2018 at 10:00 a.m. in the Chief Engineer's Conference Room at the NCDOT Equipment and Maintenance Facility on Beryl Road in Raleigh.



Information not available for November for Division Let projects. Note: Information not available for November for Resurfacing projects.

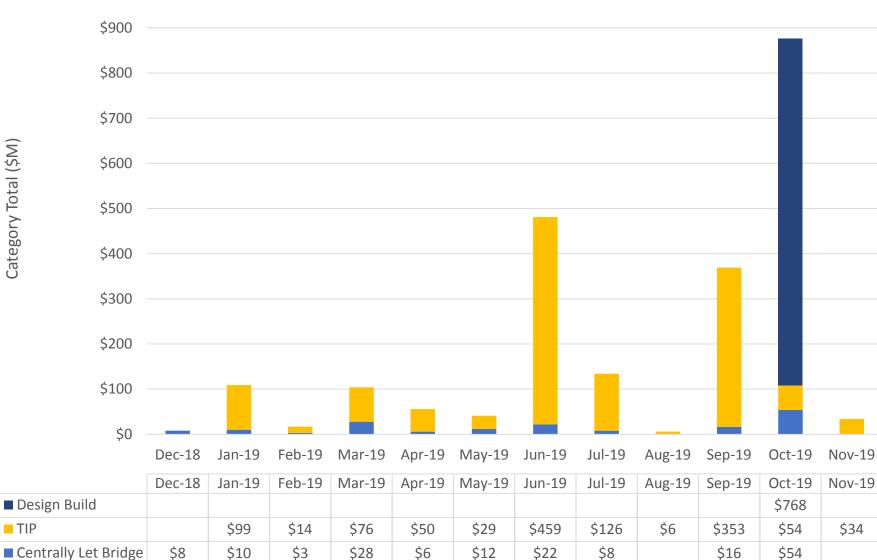
TIP

Twelve Month Project Projection – Contract Value by \$

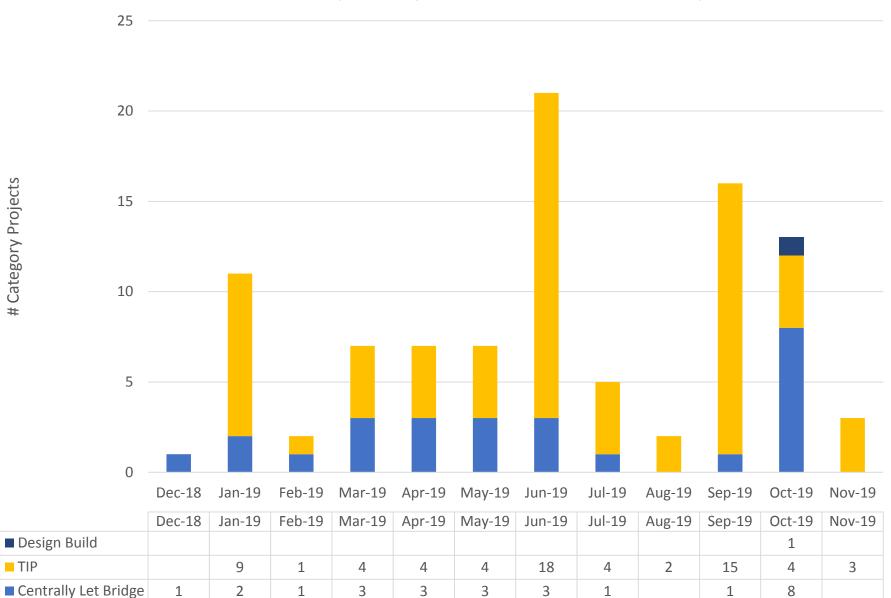


Project number breakdown for Resurfacing not provided. Notes: Information not available for November for Division Let projects





TIP



# Category Projects

TIP

# Months 13-24 Project Projection – Contract Volume by #

		MAJO	OR PROJECT	S > \$20 MILLIO	N SCHEDU	LEI	D FOR December 2017 To November 2019	
LET DATE	Contract ID	TIP#	WBS#	FA#	County	DIV	. Description	Latest Estimate
12/19/2017	C203970	I-5507	43609.3.2	#	MECKLENBU	10	I-485 FROM I-77 TO US 74 (INDEPENDENCE BOULEVARD); SR 1009 (JOHN STREET-OLD MONROE ROAD) (COMB W/R-211EC and U- 4714AB)	\$285,900,000
12/19/2017	C204014	R-5703	46375.3.1	#	LENOIR	2	NC 148 (HARVEY PARKWAY), FROM NC 58 TO NC 11 CONSTRUCT MULTI-LANE FACILITY ON NEW LOCATION.	\$86,499,000
1/16/2018	C203985	U-5526A	50081.3.1	NHPP-0074(153)	MECKLENBU	10	US 74 (INDEPENDENCE BOULEVARD) FROM I-277 TO VILLAGE LAKE DRIVE CONVERT BUS LANES TO REVERSIBLE MANAGED LANES	\$20,900,000
1/16/2018	C204056	I-5891A	46411.3.2	NHPIM-0040(068)	BURKE	13	MCDOWELL/BURKE COUNTY PAVEMENT REHABILITATION AND BRIDGE REHABILITATION I-40 FROM WEST OF BURKE COUNTY LINE AT BRIDGE NUMBERS 163 & 165 TO MILE MARKER 119	\$30,000,000
2/20/2018	C204069	I-5506	43608.3.3	#	WAKE	5	I-40 AND SR 1002 (AVIATION PARKWAY) INTERCHANGE	\$21,400,000
3/20/2018	#	U-2579E	34839.3.8	#	FORSYTH	9	WINSTON - SALEM NORTHERN BELTWAY (EASTERN SECTION) FROM SR 2211 (BAUX MOUNTAIN ROAD) TO NC 8 * SEE R-2247 FOR PLANNING DOCUMENT *	\$48,500,000
3/20/2018		U-2579F	34839.3.9	#	FORSYTH	9	WINSTON-SALEM - NORTHERN BELTWAY (EASTERN SECTION) FROM EAST OF US 52 TO WEST OF NC 66 (UNIVERSITY PARKWAY). * SEE R-2247 FOR PLANNING DOCUMENT *	\$38,500,000
3/20/2018	C204058	P-5705BA	44475.3.2	#	MECKLENBU	10	CHARLOTTE GATEWAY STATION - RAIL ( FHWA ) TRACK, STRUCTURE AND SIGNALS (STI)	\$57,500,000
3/20/2018	C204088	U-2579D	34839.3.7	NHP-0074(011)	FORSYTH	9	WINSTON-SALEM - NORTHERN BELTWAY (EASTERN SECTION) FROM US 311 TO SR 2211 (BAUX MOUNTAIN ROAD) * SEE R-2247 FOR PLANNING DOCUMENT *	\$88,500,000
3/20/2018	C204096	U-2525C	34821.3.7	#	GUILFORD	7	GREENSBORO EASTERN LOOP FROM US 29 NORTH OF GREENSBORO TO SR 2303 (LAWNDALE DRIVE)	\$151,400,000
6/19/2018	#	I-5111	42346.3.1	#	WAKE	5	I-40 FROM I-440 / US 64 (EXIT 301) TO NC 42 (EXIT 312) I-5111 INCLUDES A,BA,BB - SEE 42346.3.1 FOR FUNDING AND SCHEDULES	\$222,000,000

LET DATE	Contract ID	TIP#	WBS#	FA#	County	DIV	. Description	Latest Estimate
6/19/2018		I-4739	36595.3.1	#	JOHNSTON	4	I-40 AT SR 1525 (CORNWALLIS ROAD INTERCHANGE) IN THE VICINITY OF NC 42	\$39,100,000
6/19/2018		R-5021	41582.3.1	STP-0211(021)	BRUNSWICK	3	NC 211 FROM SR 1500 (MIDWAY ROAD) TO NC 87	\$85,400,000
6/19/2018	C204103	U-2412A	34802.3.3	STP-4121(3)	GUILFORD	7	GREENSBORO/HIGH POINT - SR 1486-SR 4121 (GREENSBORO/HIGH POINT ROAD)FROM PROPOSED US 311 BYPASS TO WEST OF SR 1480 (VICKREY CHAPEL ROAD)	\$51,900,000
7/17/2018	#	U-4437	35868.3.3	#	WAKE	5	RALEIGH - NC 54 (HILLSBOROUGH STREET) AND SR 1664-3074 (BLUE RIDGE ROAD) IN VICINITY OF NC RAILROAD (CSX TRANSPORTATION AND NORFOLK SOUTHERN) IN RALEIGH	\$20,300,000
7/17/2018		U-2719	35869.3.1	IMSNHS-0440(10)	WAKE	5	RALEIGH - I-440 / US 1, SOUTH OF SR 1313 (WALNUT STREET) TONORTH OF SR 1728 (WADE AVENUE) IN RALEIGH. WIDEN FROM FOURTO SIX LANES AND IMPROVE STORAGE AT LAKE BOONE TRAIL INTERCHANGE.	\$210,400,000
7/17/2018		R-2247EB	34409.3.17	#	FORSYTH	9	WINSTON-SALEM NORTHERN BELTWAY INTERCHANGE @ US 52 * PLANNING DOCUMENT INCLUDES U-2579 *	\$75,000,000
7/17/2018	C204107	U-4405	39049.3.1	STPDA-0401(230)	CUMBERLAN	6	FAYETTEVILLE - US 401 (RAEFORD RD) FROM WEST OF HAMPTON OAKS DRIVE TO EAST OF FAIRWAY DRIVE IN FAYETTEVILLE	\$48,400,000
9/18/2018	#	R-2576	34470.3.GV3	#	CURRITUCK	1	MID-CURRITUCK BRIDGE, FROM COINJOCK TO COROLLA NCTA Project	\$129,000,000
9/18/2018		I-3819B	34192.2.3	#	IREDELL	12	STATESVILLE - I-40/I-77 INTERCHANGE; I-40 FROM SR 2003 (INDIAN RIDGE ROAD) TO SR 2158 (OLD MOCKSVILLE RD); I-77 FROM SR2171 (JANE SOWERS ROAD) TO SR 2321 (E BROAD ST)	\$203,500,000
9/18/2018		U-2519BB	34817.3.15	NHF-0100(025)	ROBESON	6	FAYETTEVILLE - OUTER LOOP FROM SOUTH OF SR 1104 (STRICKLANDBRIDGE ROAD) TO SOUTH OF US 401 * PLANNING DOCUMENT FOR U-2519 INCLUDES X-0002B & X-0002C *	\$31,700,000
9/18/2018	C204110	U-2519BA	34817.3.14	#	ROBESON	6	FAYETTEVILLE - OUTER LOOP FROM SOUTH OF SR 1003 (CAMDEN ROAD) TO SOUTH OF SR 1104 (STRICKLAND BRIDGE ROAD) * PLANNING DOCUMENT FOR U-2519 INCLUDES X-0002B & X-0002C *	\$67,900,000

LET DATE	Contract ID	TIP#	WBS#	FA#	County	DIV	. Description	Latest Estimate
10/16/2018	#	R-5777A	44648.3.2	#	CRAVEN	2	US 70 AT TAVERNA WAY. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE	\$22,200,000
10/16/2018		R-5777B	44648.3.3	#	CRAVEN	2	US 70 AT WEST THURMAN ROAD/EAST THURMAN ROAD. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	\$24,200,000
1/15/2019		I-5877	53077.3.1	#	HARNETT	6	I-95 AT SR 1811 (BUD HAWKINS ROAD) (EXIT 70) AND SR 1001 (LONG GRANCH ROAD) (EXIT 71). IMPROVE INTERCHANGE.	\$20,500,000
1/15/2019		I-5823	50466.3.1	NHPP-0040(033)	DAVIE	9	I-40 FROM 1 MILE EAST OF SR 1143 (DAVIE ACADEMY ROAD) TO 0.7 MILE EAST OF US 601 [COORDINATE WITH I-5765] PAVEMENT REHABILITATION	\$30,000,000
3/19/2019		R-2530B	34446.3.4	#	STANLY	10	NC 24 - 27 FROM BIRD ROAD IN ALBEMARLE TO WEST OF THE PEE DEE RIVER * PLANNING DOCUMENT FOR R-2527 INCLUDES R- 2530B & B-4974 *	\$48,100,000
4/16/2019		U-5968	45982.3.1	#	DURHAM	5	CITY OF DURHAM UPGRADE ITS / SIGNAL SYSTEM	\$21,865,000
6/18/2019		I-4700A	36030.3.3	NHPP-026-1(198)3	BUNCOMBE	13	I-26 FROM NC 280 (EXIT 40) TO NC 146 - LONG SHOALS ROAD (EXIT 37)	\$70,000,000
6/18/2019		I-4700B	36030.3.4	NHPP-026-1(199)6	BUNCOMBE	13	I-26 FROM NC 146 - LONG SHOALS ROAD (EXIT 37) TO I-40	\$120,000,000
6/18/2019		I-4400C	34232.3.5	NHPP-026-1(200)13	HENDERSON	14	I-26 FROM US 25 BUSINESS (EXIT 44) TO NC 280 (EXIT 40)	\$84,600,000
6/18/2019		I-4400BB	34232.3.8	#	HENDERSON	14	I-26 AT US 64 (EXIT 49) TO US 25 BUSINESS (EXIT 44)	\$84,000,000
7/16/2019		R-2307B	37944.3.4	STP-0150(036)	IREDELL	12	NC 150 from SR 1902 (Harvel Road) in Catawba County to I-77in Iredell County (Combined w/ I-5717)	\$106,800,000
9/17/2019		U-3467	39019.3.1	#	UNION	10	NC 84 FROM NC 16 TO SR 1008 (WAXHAW - INDIAN TRAIL ROAD) INWESLEY CHAPEL	\$32,500,000
9/17/2019		I-5700	50118.3.1	#	WAKE	5	I-40 SR 3015 (AIRPORT BOULEVARD) REVISE INTERCHANGE AND CONSTRUCT AUXILIARY LANE ON I-40 WESTBOUND FROM SR 3015 (AIRPORT BOULEVARD) TO I-540.	\$33,300,000
9/17/2019		R-1015	34360.3.4	#	CRAVEN	2	US 70 (HAVELOCK BYPASS) FROM NORTH OF PINE GROVE TO NORTH OF CARTERET COUNTY LINE	\$120,000,000
9/17/2019		R-2915E	34518.3.8	STP-0221(45)	ASHE	11	US 221 FROM US 221 BYP TO US 221 BUS/NC 88 IN JEFFERSON	\$21,200,000

LET DATE	Contract ID	TIP#	WBS#	FA#	County	DIV	. Description	Latest Estimate
9/17/2019		U-5026	44033.3.3	#	NASH	4	ROCKY MOUNT - I-95 AT SR 1770 (SUNSET AVENUE)	\$46,400,000
9/25/2019		W-5600	50056.3.1	HSIP-0070(163)	JOHNSTON	4	US 70 BUSINESS TO NEUSE RIVER BRIDGE, CONVERT TO FREEWAY WITH INTERCHANGES AT SR 1501 (SWIFT CREEK ROAD) AND SR 1919 (WILSON'S MILLS ROAD)	\$46,050,000
10/15/2019		R-2828	35516.3.GV1	#	WAKE	5	SOUTHERN WAKE FREEWAY (FUTURE NC 540) / TRIANGLE EXPRESSWAYSOUTHEAST EXTENSION (RALEIGH OUTER LOOP),FROM US 401 TO I-40. CONSTRUCT FREEWAY ON NEW LOCATION. * SEE R-2721 FOR PLANNING DOCUMENT *	\$768,000,000
10/15/2019		R-3830	38887.3.2	#	LEE	8	NC 42 FROM US 421 TO SR 1579 (BROADWAY ROAD) IN SANFORD ANDSR 1579 FROM NC 42 TO SR 1538 (EAST HARRINGTON AVENUE) IN BROADWAY	\$22,300,000
10/15/2019		A-0011C	32574.3.8	APD-0069(007)	CLAY	14	NC 69 - US 64 FROM GEORGIA STATE LINE TO US 64 (HAYESVILLE BYP)	\$29,000,000
					December 20 <sup>4</sup>	17 To	November 2019 TOTAL COST ESTIMATE FOR PROJECTS > \$20 MIL	\$3,764,714,000

	BRIDGE PROJECTS > \$10 MILLION SCHEDULED FOR December 2017 To November 2019											
LET DATE	Contract ID	TIP#	WBS#	FA#	County	DIV	Description	Latest Estimate				
3/20/2018	C204076	B-4491	38389.3.3	BRSTP-0059(005)	CUMBERLAN	16	REPLACE BRIDGE 22 OVER I-95B/US 301 ON NC 59	\$15,099,000				
3/19/2019	#	B-4974	39922.3.1	#	STANLY	10	REPLACE BRIDGE 51 OVER PEE DEE RIVER ON NC 24-73-27 * PLANNING DOCUMENT FOR R-2527 INCLUDES R-2530B & B-4974 *	\$17,900,000				
6/18/2019	#	B-4484	33723.3.1	#	CRAVEN	2	BRIDGE 138 AND BRIDGE 139 OVER THE NEUSE RIVER ON SR 1470	\$13,500,000				
9/17/2019	#	B-5980	47617.3.1	NHP-1522(005)	NASH	4	REPLACE BRIDGE 203 OVER I-95 ON SR 1522 (HALIFAX ROAD) (BEGIN MP: 144.500 - END MP: 145.400)	\$16,000,000				
10/15/2019	#	B-4863	40212.3.1	BRSTP-1335(4)	CARTERET	2	SR 1335 (ISLAND ROAD), REPLACE LIFT SPAN ON BRIDGES 73 AND 96 OVER THE STRAITS AT HARKERS ISLAND.	\$32,900,000				
	December 2017 To November 2019 TOTAL COST ESTIMATE FOR BRIDGES > \$10 MIL \$95,399,0											