



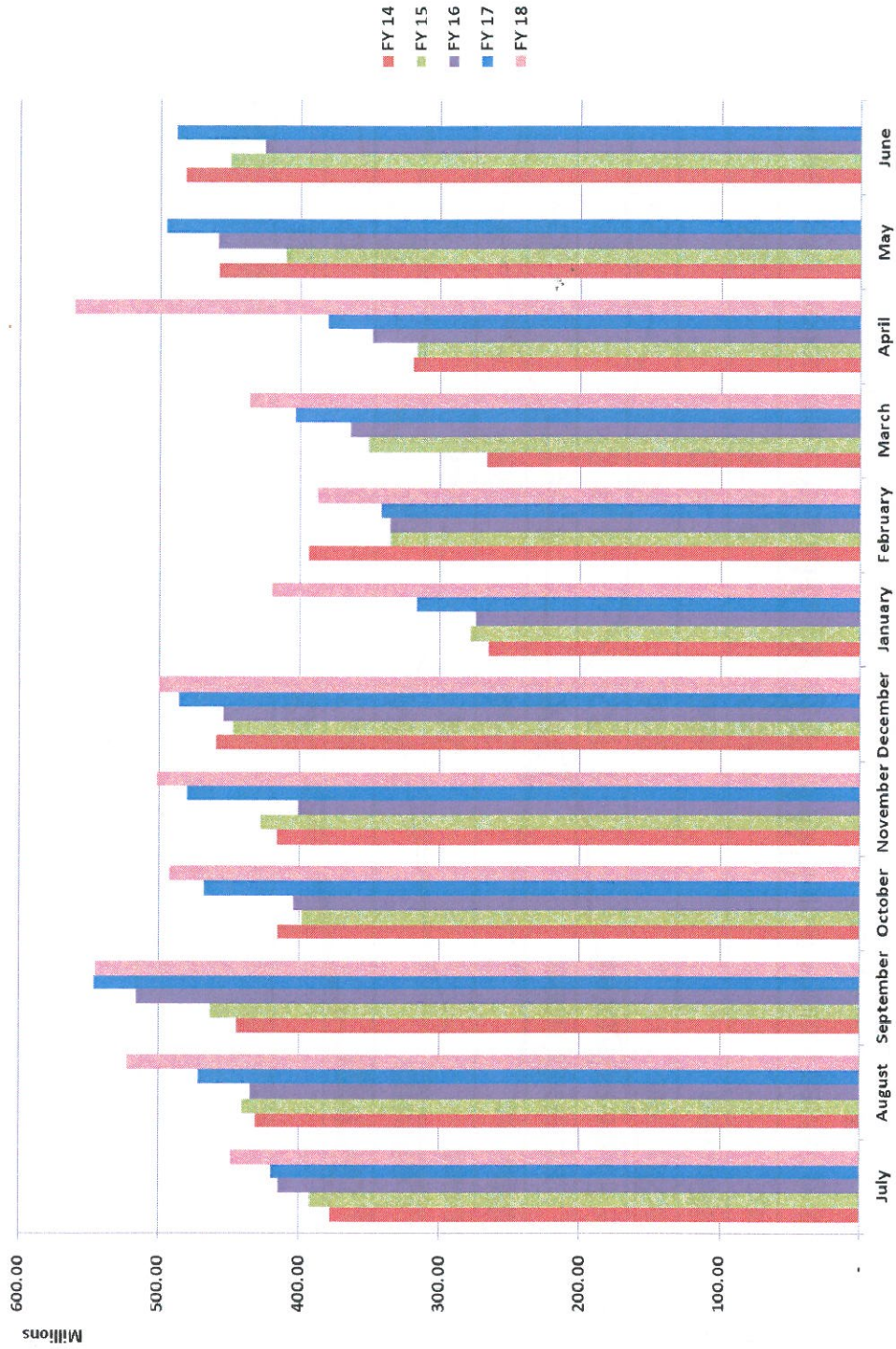
## NCDOT/CAGC Joint Cooperative Committee Agenda

Chief Engineer's Conference Room  
May 17, 2018 at 10:00 a.m.

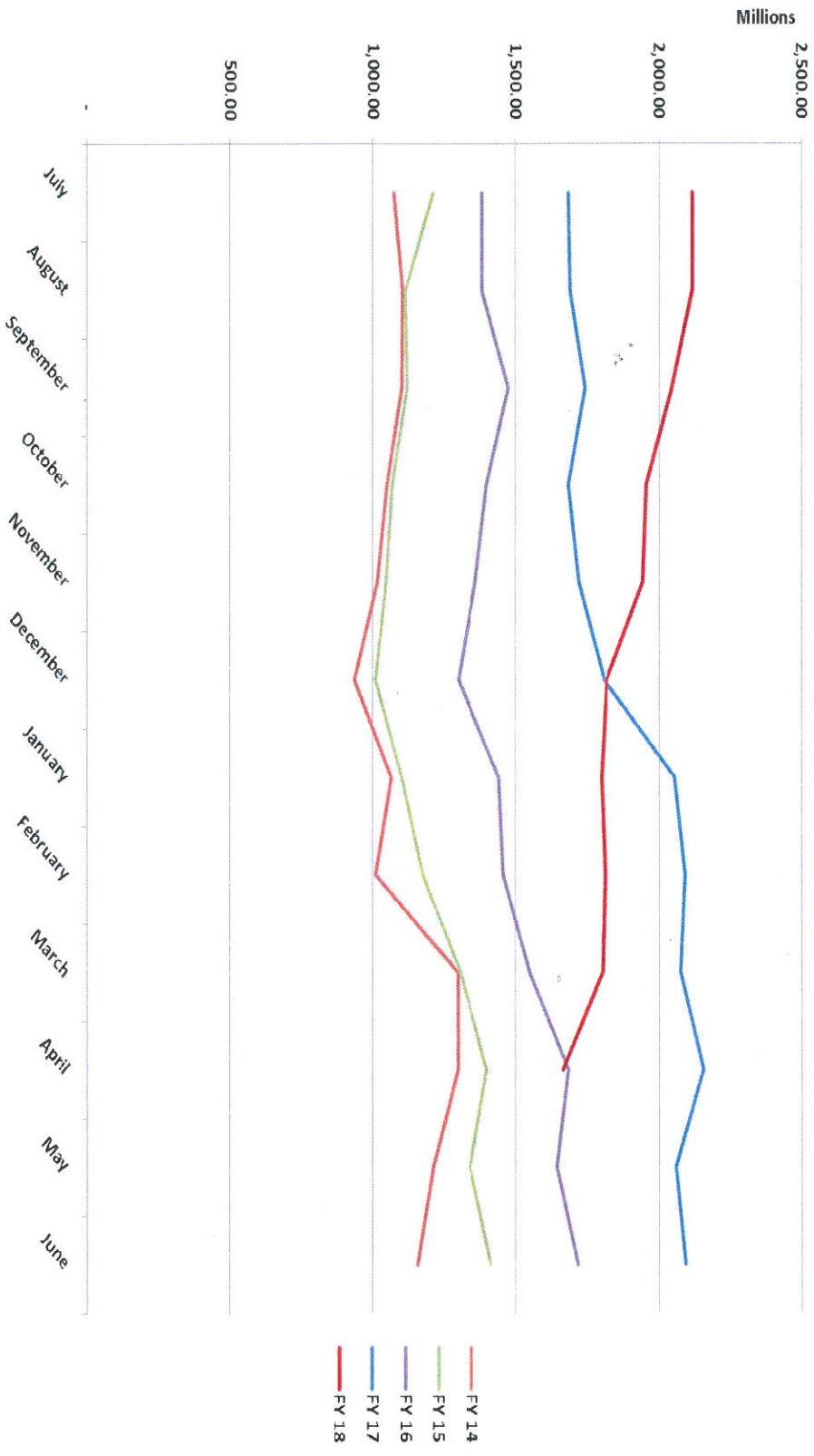
### Agenda Items:

- |                                                      |                            |
|------------------------------------------------------|----------------------------|
| 1) Financial Update                                  | Evan Rodewald/Burt Tasaico |
| 2) Build NC Strategy                                 | NCDOT                      |
| 3) Letting Projections                               | Ron Davenport              |
| 4) Rail Update (& prequal work code 5090)            | Jason Orthner              |
| 5) Division Posting Engineer's Estimates after Let   | Jason Williams             |
| 6) Projected Division Lower Tier Bridge Program Info | Berry Jenkins              |
| 7) Steel Price Impact Update                         | NCDOT                      |

# Monthly Disbursements by Fiscal Year



# Monthly Closing Cash Balance by SFY and Month thru April 2018



# Project Delivery Indicators

(Year Over Year Comparison)

(\$ in millions)	July - March 2018	July - March 2017	Difference \$	Difference %
PE Lettings	542	225	317	141%
Maintenance Lettings	843	520	323	62%
Construction Lettings *	1,764	1,087	677	62%
PE Expenditures	242	191	51	27%
ROW Expenditures	254	239	15	6%
Construction Expenditures	1,700	1,341	359	27%
Maintenance Expenditures	1,132	1,016	116	11%
Modal Expenditures	214	243	-29	-12%
Other Expenditures	406	400	6	2%
Cash Balance	1,803	2,077	-274	-13%

\*Construction Letting values include factors for contingency and CEI (Construction, Engineering, and Inspections)

# BUILD NC

## A NEW FINANCING TOOL

Will allow NCDOT to leverage existing transportation financing capacity

### PROVIDES STABILITY

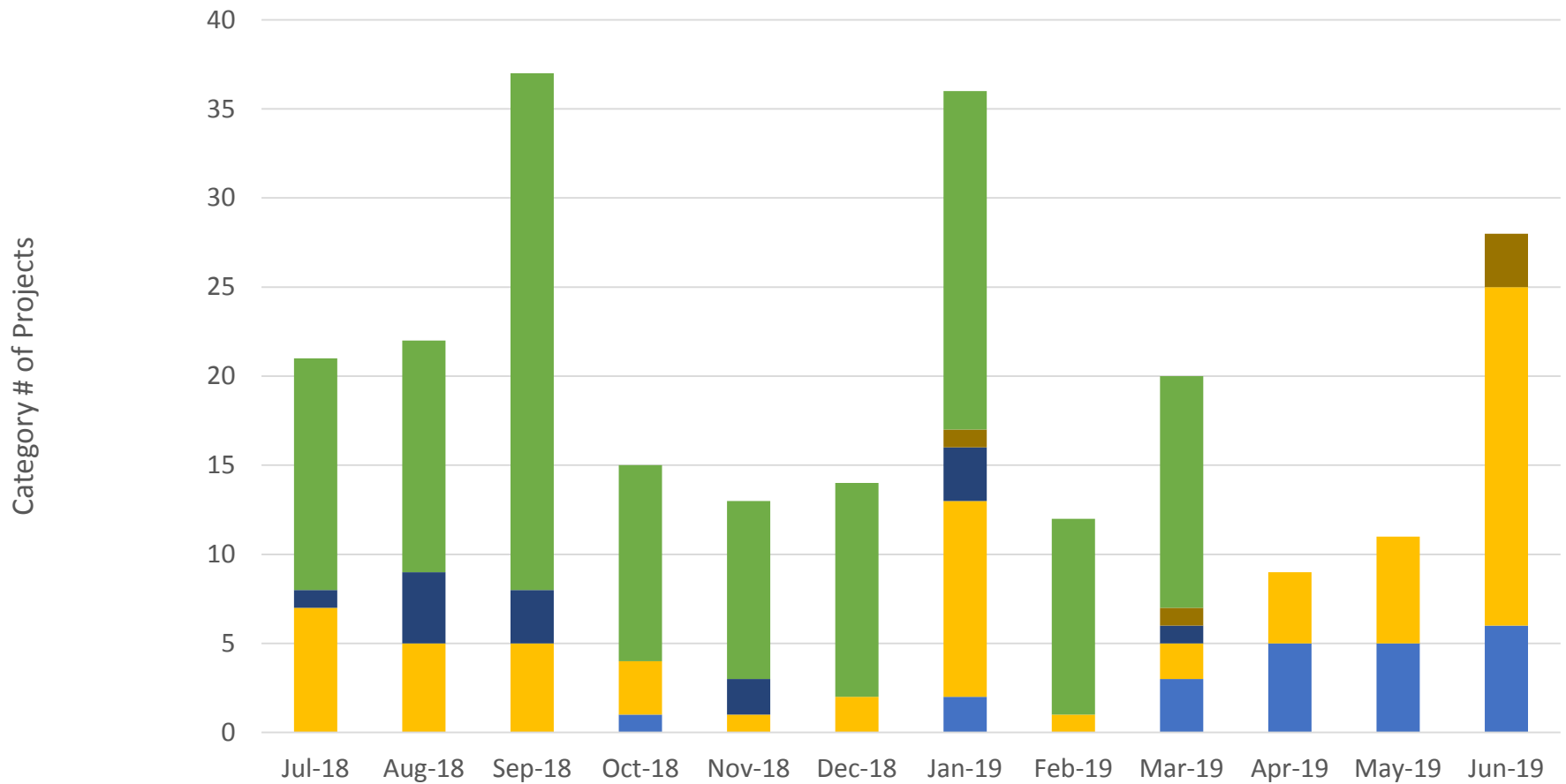
- ✓ NCDOT can maintain current level of project delivery
- ✓ Industry partners can build and sustain capacity
- ✓ Projects communities want and need are delivered without undue delays



## BUILD NC:

- Can only be utilized if NCDOT continues strong project delivery (spending down cash balance)
- Will fund projects already in NCDOT's 10 year plan
- Offers a financing tool rural communities have never had access to before
- Will increase the number of projects in the 10 year plan that NCDOT can deliver
- Will have the same checks and balances as similar, successful Federal program
- Backed by Highway Trust Fund, does not impact General Fund

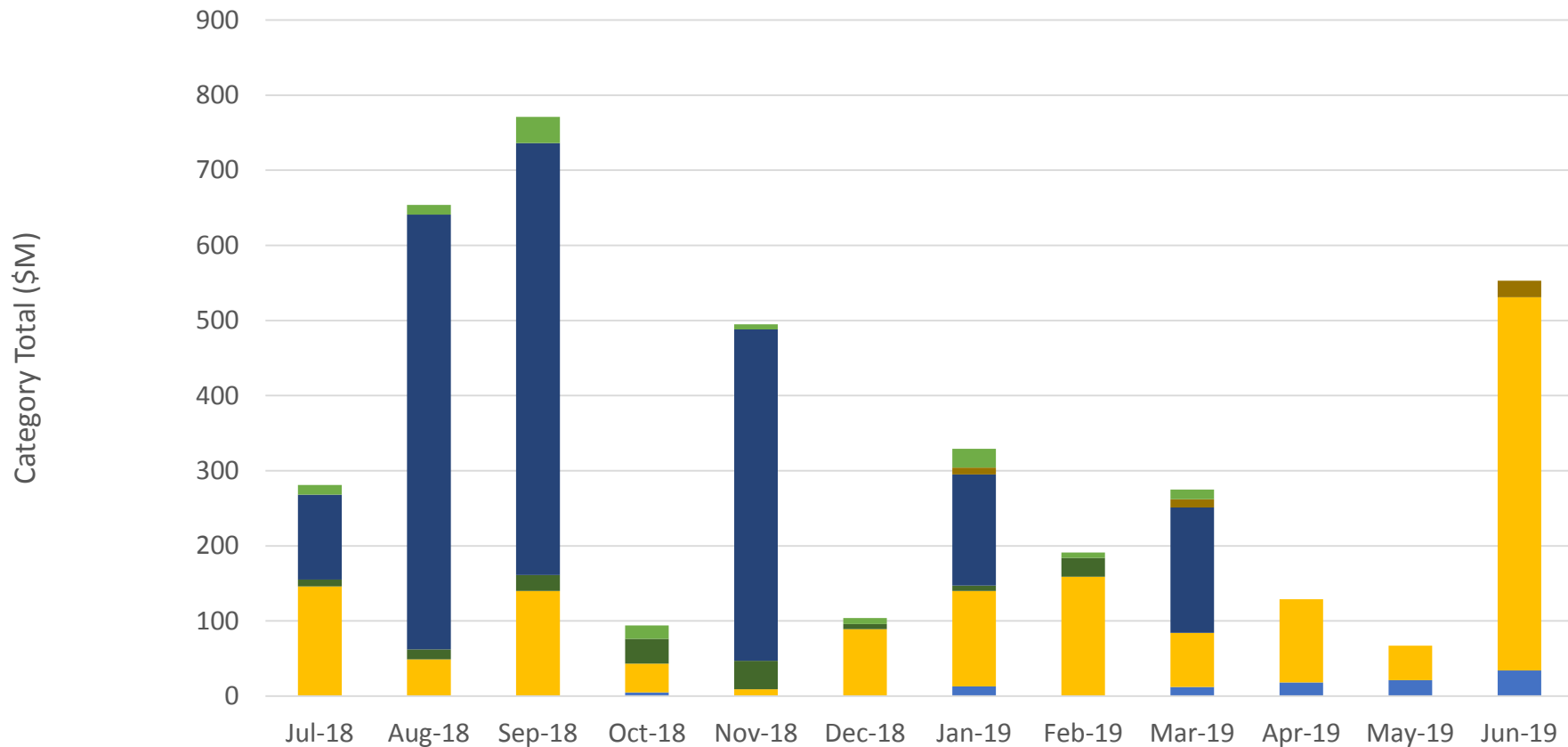
## Twelve Month Project – Contract Volume by #



	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
■ Division Let	13	13	29	11	10	12	19	11	13			
■ Rail							1		1			3
■ Design Build	1	4	3		2		3		1			
■ TIP	7	5	5	3	1	2	11	1	2	4	6	19
■ Centrally Let Bridge				1			2		3	5	5	6

Notes: Project number breakdown for Resurfacing not provided  
Information not available for April thru June for Division Let projects

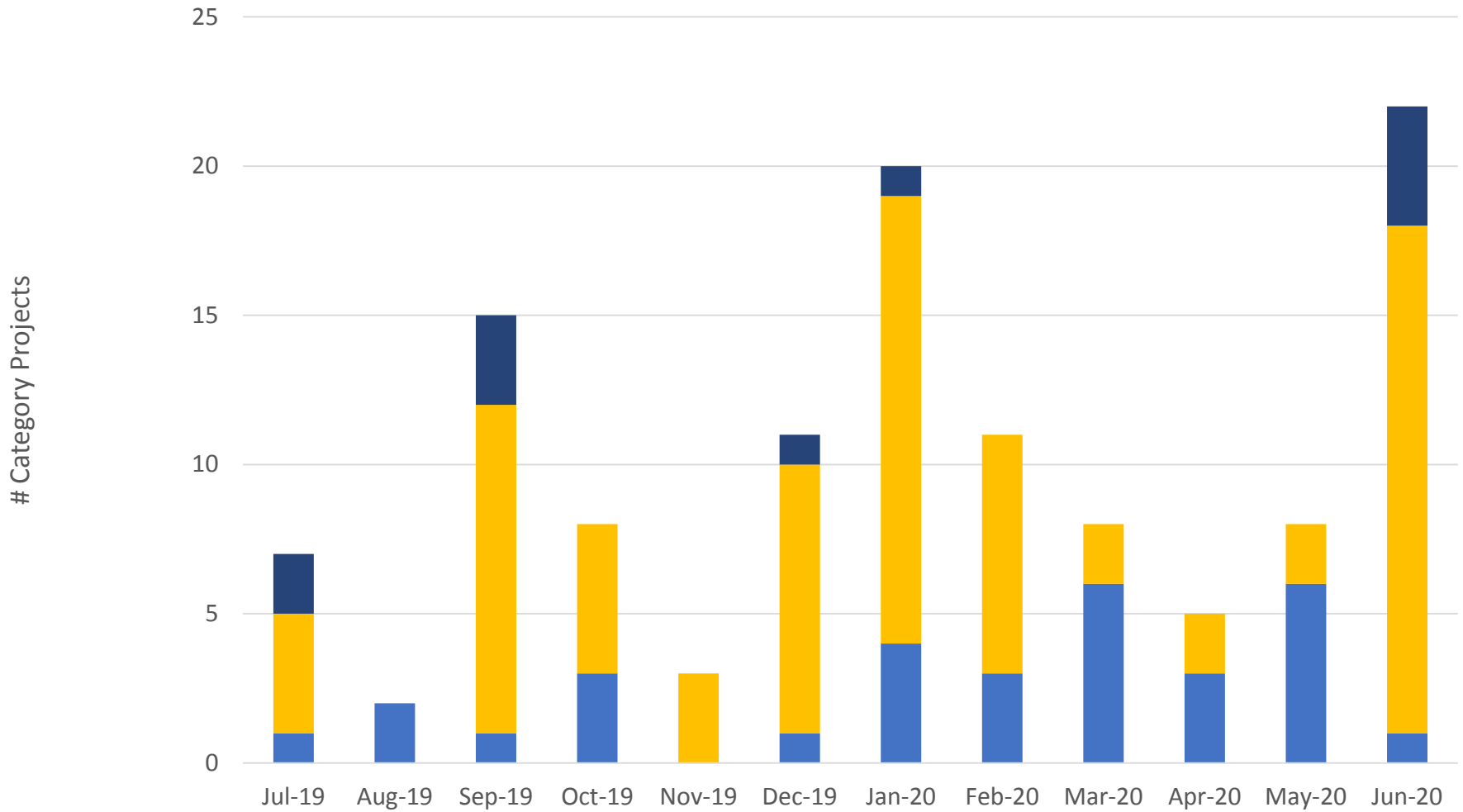
## Twelve Month Project – Contract Value by \$



	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
Division Let	\$13	\$13	\$35	\$18	\$7	\$8	\$25	\$7	\$13			
Rail							\$9		\$11			\$22
Design Build	\$113	\$579	\$575		\$441		\$148		\$167			
Resurfacing	\$9	\$13	\$21	\$33	\$38	\$7	\$7	\$25				
TIP	\$146	\$49	\$140	\$38	\$9	\$89	\$127	\$159	\$72	\$111	\$46	\$497
Centrally Let Bridge				\$5			\$13		\$12	\$18	\$21	\$34

Note: Information not available for April thru June for Division Let  
 Information not available for March thru June for Resurfacing projects

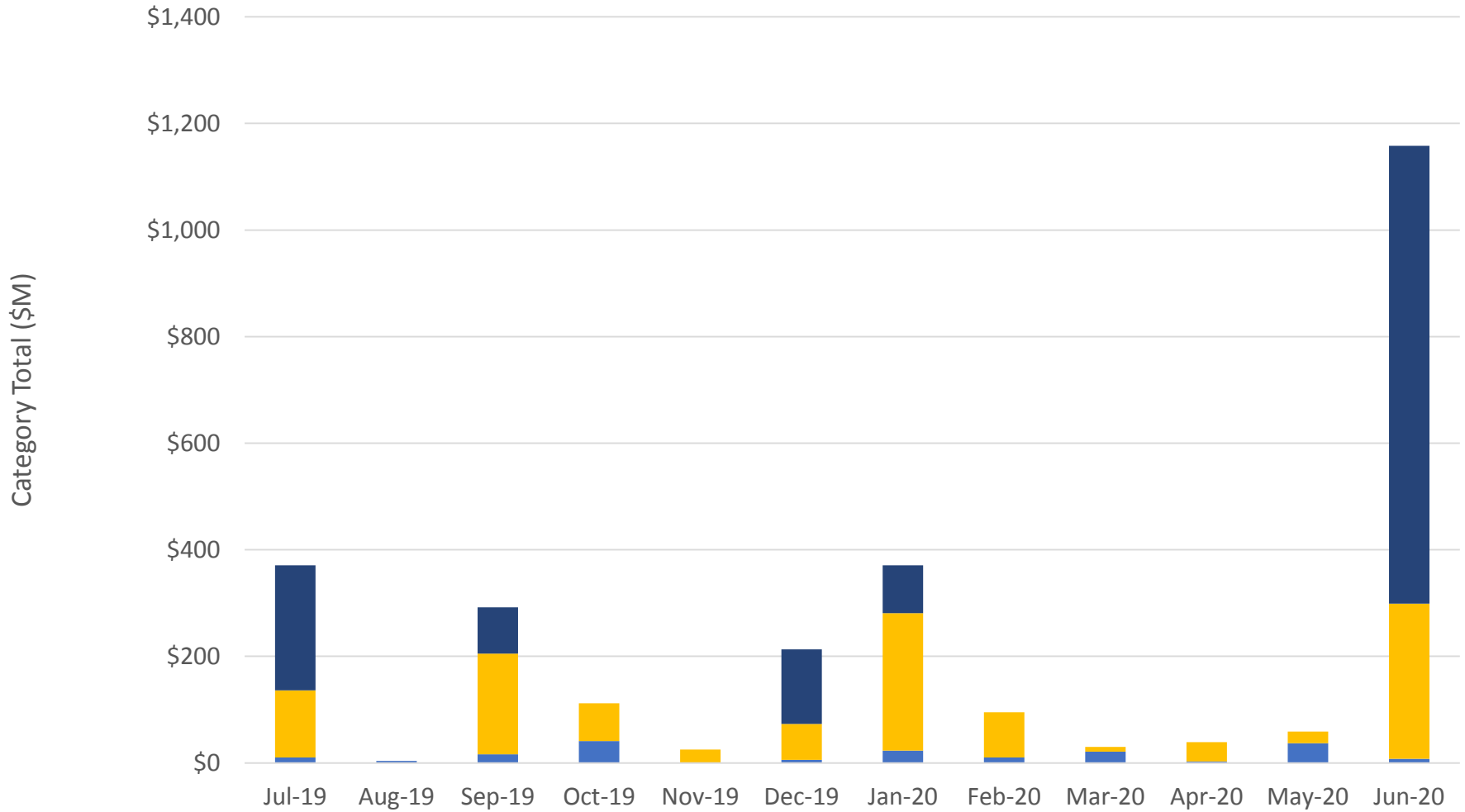
## Months 13-24 Project Projection – Contract Volume by #



	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
■ Design Build	2		3			1	1					4
■ TIP	4		11	5	3	9	15	8	2	2	2	17
■ Centrally Let Bridge	1	2	1	3		1	4	3	6	3	6	1



## Months 13-24 Project Projection– Contract Value by \$



	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
■ Design Build	\$235		\$87			\$140	\$90					\$859
■ TIP	\$126		\$189	\$71	\$25	\$67	\$258	\$85	\$9	\$36	\$22	\$291
■ Centrally Let Bridge	\$10	\$4	\$16	\$41		\$6	\$23	\$10	\$21	\$3	\$37	\$8

**MAJOR PROJECTS > \$20 MILLION SCHEDULED FOR July 2018 To June 2019**

LET DATE	Contract ID	TIP#	FA#	County	DIV	Description	Latest Estimate
7/17/2018	C204137	R-2247EB	NHP-0052(056)	FORSYTH	9	WINSTON-SALEM NORTHERN BELTWAY INTERCHANGE @ US 52 * PLANNING DOCUMENT INCLUDES U-2579 *	\$113,000,000
7/17/2018	C203985	U-5526A	NHPP-0074(153)	MECKLENBURG	10	US 74 (INDEPENDENCE BOULEVARD) FROM I-277 TO VILLAGE LAKE DRIVE. CONVERT BUS LANES TO REVERSIBLE MANAGED LANES	\$20,900,000
7/17/2018	C204105	R-2814C	STP-0401(249)	WAKE	5	US 401 FROM NC 96 TO SR 1103 (FLAT ROCK CHURCH ROAD/CLIFTONPOND ROAD) WIDEN TO MULTI-LANES, SOME NEW LOCATION	\$27,000,000
7/17/2018	C204107	U-4405	STPDA-0401(230)	CUMBERLAND	6	FAYETTEVILLE - US 401 (RAEFORD RD) FROM WEST OF HAMPTON OAKS DRIVE TO EAST OF FAIRWAY DRIVE IN FAYETTEVILLE	\$43,200,000
8/21/2018	C203970	I-5507 and R- 0211EC and U-4714AB	#	MECKLENBURG	10	I-485 FROM FROM I-77 TO US 74 (INDEPENDENCE BOULEVARD); I-485 (CHARLOTTE SOUTHERN OUTER LOOP) AT SR 3468 (WEDDINGTON ROAD); I-485 AT SR 1009 (JOHN STREET - OLD MONROE ROAD)	\$322,900,000
8/21/2018	C204157B	U-2719 and U- 4437	IMSNHS-0440(10)	WAKE	5	I-440 / US 1, SOUTH OF SR 1313 (WALNUT STREET) TO NORTH OF SR 1728 (WADE AVENUE) IN RALEIGH;NC 54 (HILLSBOROUGH STREET) FROM SR 1664/SR 3074 (BLUE RIDGE ROAD) IN VICINITY OF NC RAILROAD (CSX CORPORATION AND NORFOLK SOUTHERN) IN RALEIGH CONSTRUCT GRADE SEPARATIONS AND ACCESS ROAD BETWEEN NC 54 AND SR 1664/SR 3074	\$254,500,000
9/18/2018	#	R-2576	#	CURRITUCK	1	MID-CURRITUCK BRIDGE, FROM COINJOCK TO COROLLA NCTA Project	\$360,400,000
9/18/2018	C204163	I-3819B and U-6039	#	IREDELL	12	STATESVILLE - I-40/I-77 INTERCHANGE; I-40 FROM SR 2003 (INDIAN RIDGE ROAD) TO SR 2158 (OLD MOCKSVILLE RD); SR 2321 (EAST BROAD STREET) FROM VINE STREET TO SR 2422 (SIGNAL HILL DRIVE) UPGRADE	\$214,200,000
9/18/2018	C204110	U-2519BA and BB	NHF-0100(024) NHF- 0100(025)	ROBESON	6	FAYETTEVILLE - OUTER LOOP FROM SOUTH OF SR 1003 (CAMDEN ROAD) TO SOUTH OF US 401 * PLANNING DOCUMENT FOR U-2519 INCLUDES X-0002B & X-0002C *	\$99,600,000
11/20/2018	C204197	R-2828	NHP-0401(292)	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 *	\$428,300,000

12/18/2018	C204123	R-5021	STP-0211(021)	BRUNSWICK	3	NC 211 FROM SR 1500 (MIDWAY ROAD) TO NC 87	\$85,400,000
1/15/2019	#	R-5777A and B, U-5713	#	CRAVEN	2	US 70 AT TAVERNA WAY. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE; US 70 AT WEST THURMAN ROAD/EAST THURMAN ROAD. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE; US 70 FROM THE NEUSE RIVER BRIDGE TO SR 1124 (GRANTHAM ROAD) - UPGRADE ROADWAY TO FREEWAY	\$147,500,000
1/15/2019		U-5713	#	CRAVEN	2	NEW BERN - US 70, FROM THE NEUSE RIVER BRIDGE TO SR 1124 (GRANTHAM ROAD) - UPGRADE ROADWAY TO FREEWAY	\$90,000,000
1/15/2019		I-5823	NHPP-0040(033)	DAVIE	9	I-40 FROM THE IREDELL COUNTY LINE TO 0.5 MILE EAST OF US 601 [COORDINATE WITH I-5765]	\$38,700,000
2/19/2019	C204177	R-1015	#	CRAVEN	2	US 70 (HAVELOCK BYPASS) FROM NORTH OF PINE GROVE TO NORTH OF CARTERET COUNTY LINE	\$159,000,000
3/19/2019	C204198	R-2721B	NHP-0540(042)	WAKE	5	NC 540 FROM EAST OF SR 1152 (HOLLY SPRINGS ROAD) TO EAST OF US 401. CONSTRUCT FREEWAY ON NEW LOCATION.	\$167,000,000
3/19/2019	C204181	R-2530B and B4974	#	STANLY	10	NC 24 - 27 FROM BIRD ROAD IN ALBEMARLE TO WEST OF THE PEE DEE RIVER; BRIDGE 51 OVER PEE DEE RIVER ON NC 24-73-27 *PLANNING DOCUMENT FOR R-2527 INCLUDES R-2530B & B-4974*	\$73,000,000
4/16/2019	C204211	U-5968	#	DURHAM	5	CITY OF DURHAM UPGRADE ITS / SIGNAL SYSTEM	\$21,865,000
4/16/2019	C204210	R-2582A	#	NORTHAMPTON	1	US 158/ NC 46 FROM I-95 / NC 46 IN ROANOKE RAPIDS TO SR 1312 (ST. JOHN CHURCH ROAD) IN NORTHAMPTON COUNTY	\$65,400,000
6/18/2019	#	I-4700A	NHPP-026-1(198)3	BUNCOMBE	13	I-26 FROM NC 280 (EXIT 40) TO NC 146 - LONG SHOALS ROAD (EXIT 37)	\$82,200,000
6/18/2019		I-4700B	NHPP-026-1(199)6	BUNCOMBE	13	I-26 FROM NC 146 - LONG SHOALS ROAD (EXIT 37) TO I-40	\$111,700,000
6/18/2019		I-4400C	NHPP-026-1(200)13	HENDERSON	14	I-26 FROM US 25 BUSINESS (EXIT 44) TO NC 280 (EXIT 40)	
6/18/2019		I-4400BB	#	HENDERSON	14	I-26 AT US 64 (EXIT 49) TO US 25 BUSINESS (EXIT 44)	\$188,300,000
6/18/2019		I-5940	NHPIM-	DUPLIN	3	I-40 FROM EAST OF SAMPSON COUNTY LINE (MILEMARKER 360) TO EAST OF SR 1318 (CAMP KIRKWOOD ROAD)(MILEMARKER 393)IN PENDER COUNTY. PAVEMENT REHABILITATION.	\$42,176,000
<b>July 2018 To June 2019 TOTAL COST ESTIMATE FOR PROJECTS &gt; \$20 MIL</b>							<b>\$3,006,941,000</b>

**BRIDGE PROJECTS > \$10 MILLION SCHEDULED FOR July 2018 To June 2019**

LET DATE	Contract ID	TIP#	FA#	County	DIV	Description	Latest Estimate
11/20/2018	#	B-4974	#	STANLY	10	REPLACE BRIDGE 51 OVER PEE DEE RIVER ON NC 24-73-27 * PLANNING DOCUMENT FOR R-2527 INCLUDES R-2530B & B-4974 *	\$12,900,000
1/15/2019	C204152	B-5356	NHPP-040-3(137)	GUILFORD	7	REPLACE BRIDGE 299 OVER SOUTH BUFFALO CREEK ON I-40 / I-85BUSINESS IN GREENSBORO	\$11,700,000
6/18/2019	#	B-4484	#	CRAVEN	2	BRIDGE 138 AND BRIDGE 139 OVER THE NEUSE RIVER ON SR 1470	\$13,500,000
<b>July 2018 To June 2019 TOTAL COST ESTIMATE FOR BRIDGES &gt; \$10 MIL</b>							<b>\$38,100,000</b>

**23 - BRIDGES AFFECTED BY 22 TIP BRIDGE PROJECTS**

**0 - BRIDGES AFFECTED BY 1 (17 BP, BK, BP) BRIDGE PRESERVATION PROJECTS**

**12 Month Totals For July 2018 To June 2019 \$3,648,832,000**



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

May 29, 2018

MEMORANDUM TO: AGC-DOT Joint Cooperative Committee Members

FROM: Ron Hancock, PE  
Deputy Chief Engineer

SUBJECT: May 17, 2018 Minutes

The Joint Cooperative Committee of the AGC – DOT met at 10:00 a.m. on May 17, 2018 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** (*handout*)

**Evan Rodewald and Burt Tasaico**

Mr. Rodewald provided a handout that showed FY spending over the past 5 years. The outcome is a ramping up of spending especially in the last year. The second handout shows that the cash balance is coming down to a level where it was two years ago. It should be noted that this graph represents end of month spending which may differ from a day to day cash balance amount. This is due to revenues coming in at the end of the month that increases the balance amount. The last graph shows project delivery indicators between SFY 2017 and 2018 to date. Note that the cash balance is down \$274 million from last year which equate to approximately 13%.

Mr. Tasaico stated that from a Federal perspective, the “fiscal cliff” is coming. The department is not sure when this will happen, but a contributor may be when the current federal authorization expires at the end of 2020.

In addition, gas prices continue to climb, which in turn impacts fuel consumption and revenue.

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Federal funds were authorized in April and the Federal government is now working on the FFY 2019 budget that starts in October. Additional funds are coming to states not through distribution, but through grants such as USDOT BUILD.

**Build NC Strategy** (*handout*)

**Tim Little**

Mr. Tim Little stated that according to projections, North Carolina's demographics show an expected population growth of 2.5 million people by year 2040 which will move NC into the 8<sup>th</sup> most populous state. Unfortunately, our commitment to providing a transportation infrastructure is lacking. While other states such as Virginia and Florida are ramping up their funds by 42% to prepare for the increase in population, NCDOT is only contributing 11%.

Build NC is a financing tool that will allow NCDOT to leverage Highway Trust Fund revenues to build critical projects, often in locations that federal GARVEE is not eligible such as our more rural communities in the Regional and Division Tiers.

The Build NC Bond Act bill will be in the short session and has language that it will kick in when the cash balance gets below \$750 million. This bond however is a short-term fix to a long-term problem to maintain NCDOT's project delivery and preserve the contractor workforce. Without Build NC, lettings will drop as we convert back to the revenue we had. The NC Build bond will help rural NC and will not impact other services funded under the General Fund.

**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 (July 2018 through June 2019). In the next 12 months, \$3.94 billion in projects are currently scheduled in the central let including Design Build, TIP, TIP Bridge Replacement, Division and Rail projects.

The following 12 months was also handed out with no division data. In that 12-month period for central let \$2.8 billion in lettings was shown.

A few design build projects have been shifted into the August 2018 let. Those in the red boxes on the handout will be let together, and I-4700 is projected to be moved from the June let to the March let. Lastly, under the bridge projects over \$10 million, B-4974 was removed from the roadway project to be set up as a separate project under design build.

Mr. Hancock stated that in the Bridge Subcommittee Meeting that the anticipated bridges and culverts list will be updated periodically. Mr. Perfetti stated that the list was just updated. There are two lists, the Central Let List that includes preservation rehab jobs, and a Preservation and Repair List that gives the detail on the projects that includes the High Value Bridge Program with costs over \$20 million.

**Rail Update**

**Jason Orthner**

Mr. Orthner stated that because of the work done under PIP, there is new passenger

services that have been introduced. On April 30<sup>th</sup>, there was a grand opening of the Raleigh station. The Rail Division is continuing to pursue grant fund opportunities and other funding sources for grade separations, etc.

On June 8<sup>th</sup>, CSX will be putting out a notice to bid for a project funded through CMAQ in Wilmington. The Charlotte Gateway Station is out for advertisement and the letting is May 29<sup>th</sup>. A related project in Charlotte is also a department project and is the current letting projections. Five projects have been accelerated that have rail infrastructure work.

As for the CSX Intermodal project, the Rail Division is remaining positive as the conversations take place.

In 2012, work code 5090 was created as part of the Piedmont Improvement Program (PIP) for building railroad infrastructure on railroad right of way on Class I facilities. A year ago, the code criteria was strengthened which narrowed the focus to those contractors that have direct railroad experience and removed the experience related to interstates. This matches the railroad company's expectations.

On April 2, 2018, all contractors who had work code 5090 were removed of that work code so they can reapply under the revised criteria. This work code is currently required of the prime contractor to be awarded the Charlotte Rail project.

Industry stated concerns that rail was a small portion of the large project and by requiring the work code in order to be awarded the project, NCDOT is limiting competition. Industry asked if there was a way to protect the rail's interest and not limit competition, if not for this project then for future projects. One concept was if there was a small amount of rail in a project to allow a subcontractor to have that work code and allow the primes to bid and be awarded the project without it.

Industry also had a concern with the tight time line between April 2<sup>nd</sup> and the let date of the Charlotte Rail project.

#### **Division Posting Engineer's Estimates after Let**

**Jason Williams**

Mr. Williams stated that he is happy to see that division bid results are getting posted quicker across the divisions, but some continue to not post the engineer's estimate in a timely manner so the contractor does not know if they have essentially got the project. Many industry representatives stated that they have to call the division and often times do not get an answer.

Industry stated that they have also seen engineer's estimates for similar projects that can be up to 20% different in price and asked if divisions set their own estimates. Mr. Hancock stated that for the most part, the divisions do their own estimates, but may ask the central estimating staff for assistance on complicated projects. He also stated that current guidance to the divisions is to post results within 48 hours. However, he can see where this may not help contractors who bid in multiple divisions on back to back days.

**Projected Division Lower Tier Bridge Program****Berry Jenkins**

Mr. Jenkins stated that he was contacted by a CEI firm asking if there was a way to get information on the Lower Tier Bridge projects from the divisions in advance of them being turned into the central design office so they can plan for their resources. Mr. Perfetti stated that NCDOT has been talking about this issue. There is currently a 5-year plan that includes a column for delivery which unfortunately has not been kept up date. NCDOT is doing a two-year look ahead that will include all the Express Build projects and will include this information on the anticipated design build web site.

**Steel Price Impact Update****Ron Hancock/Greg Perfetti**

The contracting industry asked for an update regarding increased prices on steel. Mr. Perfetti stated that he was in a meeting the day before with a steel company and they mentioned that the steel prices did go up some, but they should be stabilizing soon for plate costs. It has been taking a little longer to get plates into the shop but they haven't seen excessive delays. There is concern by industry for the Design-Build or multi-year projects that contain steel that are two to three years out due to suppliers only honoring prices for a short period of time.

**Other**

Mr. Hancock stated that there is a legislative bill that would allow NCDOT to have a policy on CM/GC project delivery methods and suggested to start assembling a committee between NCDOT and AGC to be able to jointly develop a policy in July should the bill pass.

**Next Meeting Date**

The next meeting that is scheduled for July 19, 2018 will be cancelled due to the Annual Meeting.