



PAT McCRORY  
Governor

NICHOLAS J. TENNYSON  
Secretary

October 4, 2016

MEMORANDUM TO: AGC-DOT Joint Cooperative Committee Members

FROM: Rodger Rochelle, PE

SUBJECT: September 22, 2016 Minutes

The Joint Cooperative committee of the AGC – DOT met at 10:00 a.m. on September 22, 2016 in the Chief Engineer's Conference Room at the NCDOT Equipment and Maintenance Facility on Beryl Road in Raleigh.

*AGENDA AND DISCUSSION ITEMS*

**DOT Reorganization Efforts**

**Mike Holder/Rodger Rochelle**

Mr. Rochelle stated that they have completed their first project screening process and are looking at where the projects will be developed and managed and what projects will go to design build. They are currently looking at 18-20 projects through fiscal year 2018 going to design build, but this may shift to manage work load. The project screening process also excluded bridge projects (B-XXXX); we are currently assessing how bridge projects will be managed, including exploring options such as Express Design Build.

As it relates to personnel in the Division of Highways, Technical Services, and Planning and Programming, around 325 positions are being impacted with 256 to be abolished and 68 vacancies to be transferred to the divisions. Mr. Holder stated that 144 people in the Division of Highways took the RTR (Reorganization through Reduction) opportunity, while 21 have taken it so far within Technical Services. There will be two more rounds that include the Technical Services and Planning and Programming Divisions, with the last round later in the year. If the number of positions does not meet the Legislative action, RIF will occur in January 2017 to meet the mandates.

Mr. Jenkins asked if NCDOT is concerned with the value of experience that is walking out the door under the RTR. Mr. Rochelle stated that there will be learning curve over the next few years, but we have retained talent in those that have been transferred to the divisions. Mr. Holder mentioned that they are looking at people resources in the department to develop and train to carry us down the road.



NCDOT is also looking at 6 to 7 multi-disciplinary teams for central-managed projects. The size of these teams will depend on the work load in the divisions for which their team is responsible.

Industry asked if there will be a projected list of projects for the Division managed projects like central has in place. Mr. Holder stated that NCDOT is working towards that and hope to eventually go to a 24 month projected list.

NCDOT will also be looking at restructuring the other modes of transportation (i.e. Aviation, Rail).

#### **Letting Projections** *(handout)*

**Randy Garris**

Mr. Garris provided a handout outlining the proposed Letting Projection Chart and the Let Summary Projections for the next 12 and 24 months (October 2016 through September 2018). In the next 12 months, \$1.961 billion in projects are currently scheduled including Design Build, TIP and TIP Bridge Replacement. The 24 month reflected \$3.885 billion.

Mr. Garris reviewed the 12 projects greater than \$20 million in the tentative 12-month let list, including four Design-Build projects, all totaling \$1.319 billion. In the same 12 months, there are currently two bridge projects greater than \$10 million including one Design Build. These two projects have an estimated cost of \$203.3 million.

#### **Electronic Bidding for Divisions**

**Randy Garris**

Mr. Garris gave an update on the status of the electronic bidding in the divisions and stated that there are currently six divisions that are doing bids electronically including both the advertisement and the taking of bids. Four divisions have been trained in the advertisement process and currently have project advertised. Mr. Garris also mentioned that there are some divisions that are advertising and accepting bids electronically but they are not getting the bids electronically. Currently, all divisions are still accepting paper or downloaded bids.

Industry noted that there is a delay in getting the bid results from the divisions. Sometimes they take an hour or two to get out, other times it may be the next morning. They asked if there was a way to post the results quickly like central bidding does. Mr. Garris mentioned that once all the divisions are fully electronic that IT may be able to do an application to do the as-reads based on the electronic download. At this point we cannot be taking anything but electronic bids.

Mr. Rochelle also noted that there are currently five Express Design Build projects that are being done electronically centrally.

#### **MBE/WBE Banking on State-Funded Contracts**

**Berry Jenkins / Marci Wright**

Mr. Jenkins opened up the discussion by stating that there are banking opportunities for state-funded centrally let projects, and with the number of projects going out to the divisions at a higher funding limit, the AGC would like to see banking opportunities on

division let contracts. Industry believes that more MBEs and WBEs could be put to work if they could bank commitments like they do on central let projects and use it where they may have problems getting quotes to avoid good faith efforts.

Ms. Wright stated that in her review, the banking in central let projects are not used that much and she would like to see it not based on commitments, but based on what was paid out. It will also take education and some more review in order to do a pilot which she said could start in April of 2017.

Industry stated that they would like to do the division contracts just like the central contracts and base the banking on commitments made at bid time. If there is no banking, there is no motivation to go above the goal. Mr. Rochelle stated that as division projects grow in size, they lend themselves well to banking.

Mr. Holder stated that he will get a team together consisting of Randy Garriss, Lamar Sylvester, Marci Wright and an Industry rep (Kevin Burns volunteered) to get the program in place by December 15<sup>th</sup> and do a trial. Industry asked for a year for the trial, but Ms. Wright requested a shorter time limit. Mr. Holder stated that the trial will be run from January 1, 2017 thru October 1, 2017. In the meantime, NCDOT will create a greater awareness of the banking program that is currently included in the proposals.

#### **Railroad Update** *(handout)*

**Paul Worley**

Mr. Worley stated that the PIP contracts are moving forward and they just awarded the last small contract as they are finalizing the roadbed and structure construction. We appear to be in good shape for the 2017 reimbursement deadline.

Mr. Worley also mentioned the Pembroke Connector Track which is currently on schedule and on budget. This will be an important connection that will provide direct moves for trains between the north and east and for the Port of Wilmington.

Mr. Worley mentioned a new project with CSX that will be programmed and put into the TIP, a \$270 million intermodal terminal known as the Carolina Connector, or CCX, in Rocky Mount. Mr. Worley mentioned that they would like to see this major transportation hub open in 2020.

Lastly, Mr. Worley stated that the Rail Division got approval for two projects on the Statewide Tier and 15 projects in the Regional Tier. These will be shared as they get programmed.

#### **Affiliated Companies Bidding Same Project**

**Mark Johnnie**

Mr. Johnnie asked NCDOT if we would be interested in proposed language from industry to address affiliated firms bidding on the same projects. Mr. Rochelle stated that they are interested but it is hard to define "affiliated" and it may come down to looking at these on a case by case basis.

Industry mentioned that most of the concerns come when there are not a lot of bidders on a project (DB or DBB).

#### **CEI Usage on DOT Projects**

**Berry Jenkins**

Mr. Jenkins mentioned that the feedback he is getting are that the CEI firms are having more people on the projects than historically NCDOT would have had. It also appears that the CEI personnel are not properly educated on project safety. Industry is therefore asking that NCDOT ensures that the firms that provide CEI on a project have safety awareness training.

Per Mr. Hancock, the Construction Unit is working on this along with ACEC. They will also be sending out a report of the CEI budget which should not be more than 10% of the project cost. NCDOT also has guidelines on the number of technicians that should be present for certain types of work and they will look at this again now that more technology is being used on projects and there can be more done with less. Mr. Hancock also stated that they are looking at a NCDOT person to be the lead inspector on projects.

#### **Work Zone Safety - Added Agenda Item**

**Mark Johnnie**

Mr. Johnnie stated that industry would like to contribute ideas to keep employees in the work area safe. There is also inconsistency with the use of blue lights on DB vs DBB projects. It was stated that it may be good to have Mr. Mabry, the Director of Safety & Risk Management from NCDOT, present at the next meeting.

#### **Next Meeting Date**

The next meeting is scheduled for November 17, 2016 at 10:00 a.m. in the Chief Engineer's Conference Room at the NCDOT Equipment and Maintenance Facility on Beryl Road in Raleigh.





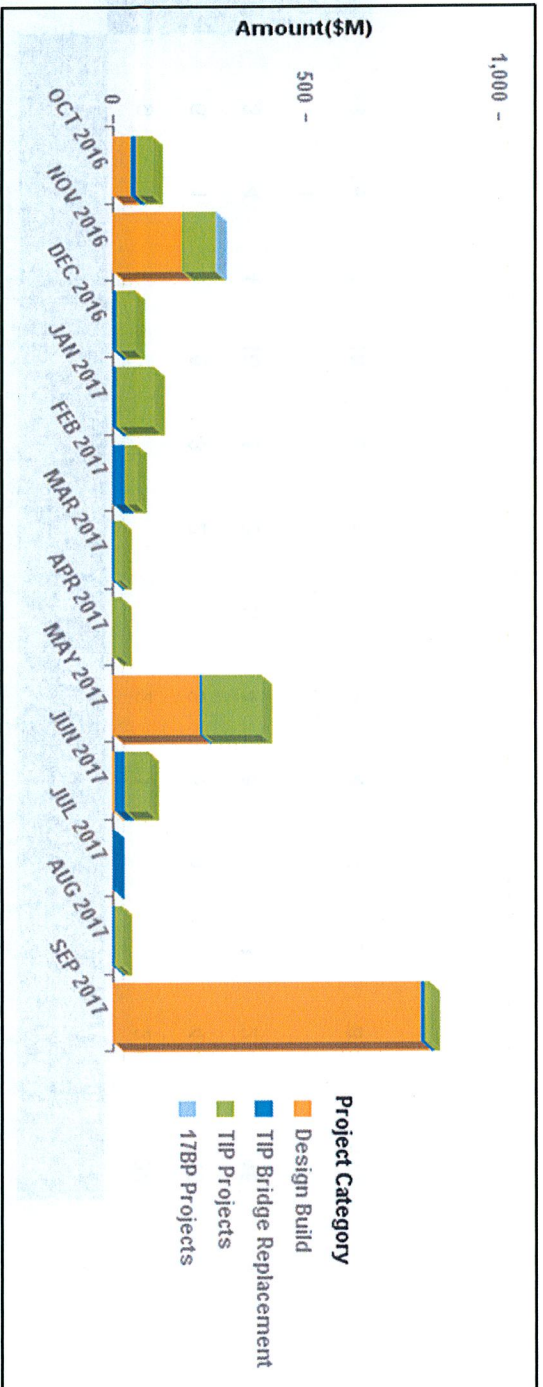
## **NCDOT/CAGC Joint Cooperative Committee Agenda** Chief Engineer's Conference Room, Beryl Road

September 22, 2016  
10:00 am to noon

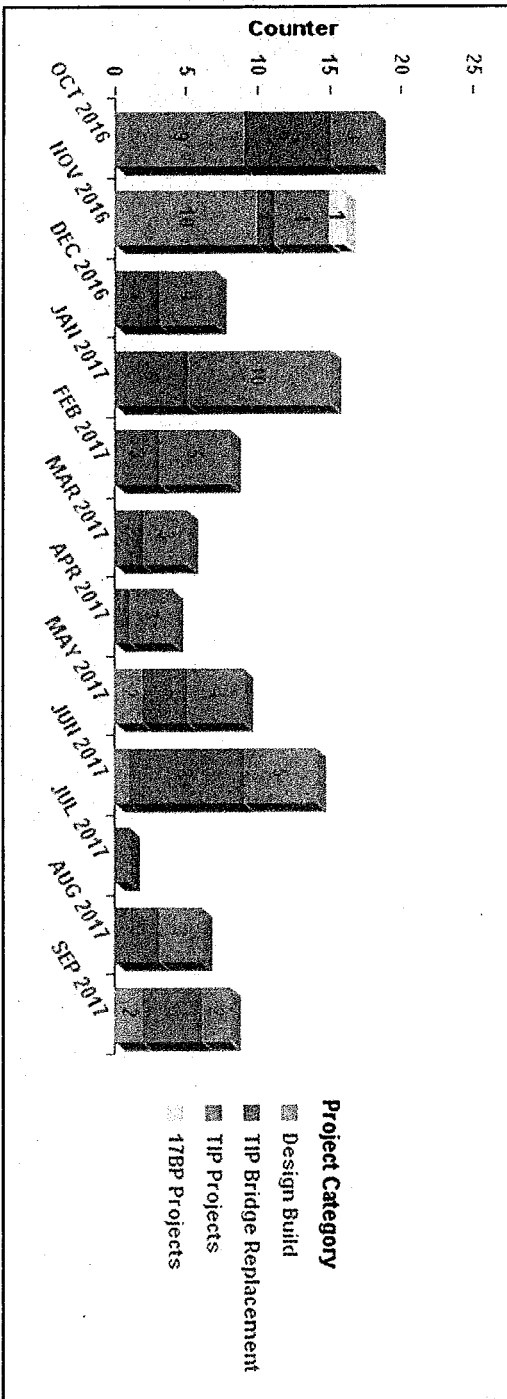
### Agenda Items:

- |  |                               |
|--|-------------------------------|
| 1) DOT Reorganization Efforts                  | Mike Holder / Rodger Rochelle |
| 2) Letting Projections                         | Randy Garris                  |
| 3) Electronic Bidding for Divisions            | Randy Garris                  |
| 4) MBE / WBE Banking on State-Funded Contracts | Berry Jenkins / Marci Wright  |
| 5) Railroad Update                             | Paul Worley                   |
| 6) Affiliated Companies Bidding Same Project   | Mark Johnnie                  |
| 7) CEI Usage on DOT Projects                   | Berry Jenkins                 |

## 12 Month Review



	OCT 2016	NOV 2016	DEC 2016	JAN 2017	FEB 2017	MAR 2017	APR 2017	MAY 2017	JUN 2017	JUL 2017	AUG 2017	SEP 2017	Sum:
Design Build	\$ 47	\$ 182						\$ 230	\$ 3			\$ 793	\$ 1,255
TIP Bridge Replacement	\$ 17	\$ 1	\$ 11	\$ 12	\$ 31	\$ 4	\$ 1	\$ 4	\$ 26	\$ 0	\$ 4	\$ 11	\$ 122
TIP Projects	\$ 40	\$ 88	\$ 46	\$ 97	\$ 31	\$ 18	\$ 20	\$ 149	\$ 65		\$ 18	\$ 12	\$ 584
17BP Projects		\$ 0.0											\$ 0.0
Sum:	\$ 104	\$ 270	\$ 57	\$ 109	\$ 62	\$ 22	\$ 21	\$ 383	\$ 93	\$ 0	\$ 22	\$ 817	\$ 1,961



	OCT 2016	NOV 2016	DEC 2016	JAN 2017	FEB 2017	MAR 2017	APR 2017	MAY 2017	JUN 2017	JUL 2017	AUG 2017	SEP 2017	Sum:
Design Build	9	10						2	1				24
TIP Bridge Replacement	6	1	3	5	3	2	1	3	8	1	3	4	40
TIP Projects	3	4	4	10	5	3	3	4	5		3	2	46
17BP Projects		1											1
Sum:	18	16	7	15	8	5	4	9	14	1	6	8	111

LET DATE	Contract ID	TIP#	WBS#	FA#	County	DIV Description	Latest Estimate	Flag
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10/18/2016 #	R-2247EC	34409.3.24	#	FORSYTH	9	RECONSTRUCT INTERCHANGE, US 52/FUTURE I-74 INTERCHANGE WITH NC 65 ON WINSTON-SALEM NORTHERN BELTWAY: (comb W/R-2247CD)	\$24,700,000 DB
10/18/2016 C203803	U-3440	39010.3.2	#	CABARRUS	10	KANNAPOLIS - NC 3 FROM PROPOSED WEST SIDE BYPASS (U-2009) TO SR 1691 (LOOP RD)	\$24,200,000
11/15/2016 C203801	R-2915C	34518.3.FR3	STP-0221(41)	ASHE	11	US 221 FROM NORTH OF SOUTH FORK NEW RIVER TO SOUTH OF NC 194	\$62,600,000
12/20/2016 #	R-4753	39999.3.FR1	STP-0107(10)	JACKSON	14	NC 107 FROM NORTH OF SR 1002 TO NC 281	\$22,500,000
1/17/2017 C203800	R-3100A	34522.3.FR3	STP-0016(52)	CATAMBA	12	NC 16 FROM NORTH OF SR 1814 (CALDWELL ROAD) TO SR 1895 (TOWER ROAD) (COMB W/R-3100B)	\$26,300,000
1/17/2017 C203829	R-3100B	34522.3.FR4	STP-0016(53)	CATAMBA	12	NC 16 FROM NORTH OF SR 1801 (CLAREMONT ROAD) TO NORTH OF SR 1814 (CALDWELL ROAD) (COMB W/R-3100A)	\$20,200,000
5/16/2017 #	I-5507	43609.3.2	#	MECKLENBL	10	I-485 FROM I-77 TO US 74 (INDEPENDENCE BOULEVARD)	\$212,000,000 DB
5/16/2017 C203906	U-3109A	34900.3.GV2	STP-0119(9)	ALAMANCE	7	MEBANE - NC 119 RELOCATION FROM I-401-85 TO NORTH OF SR 1921 (MEBANE ROGERS ROAD/STAGE COACH ROAD)	\$49,100,000
5/16/2017 C203905	R-2707C	34497.3.6	#	CLEVELAND	12	US 74 BYPASS FROM WEST OF NC 226 TO WEST OF NC 150	\$58,000,000
5/16/2017 C203907	U-3330	36596.3.FR1	STP-0301(28)	NASH	4	ROCKY MOUNT - US 301 BYPASS FROM SR 1836 (MAY DRIVE) TO NC 43-48 (BENVENUE RD) INTERCHANGE. "	\$26,700,000
9/19/2017 #	R-2721	37673.3.GV2	#	WAKE	5	SOUTHERN WAKE FREEWAY FROM NC 55 SOUTH TO US 401 SOUTH	\$410,052,000 DB
9/19/2017	R-2576	34470.3.GV3	#	CURRITUCK	1	MID-CURRITUCK BRIDGE, FROM COINJOCK TO COROLLANCTA Project	\$383,281,000 DB

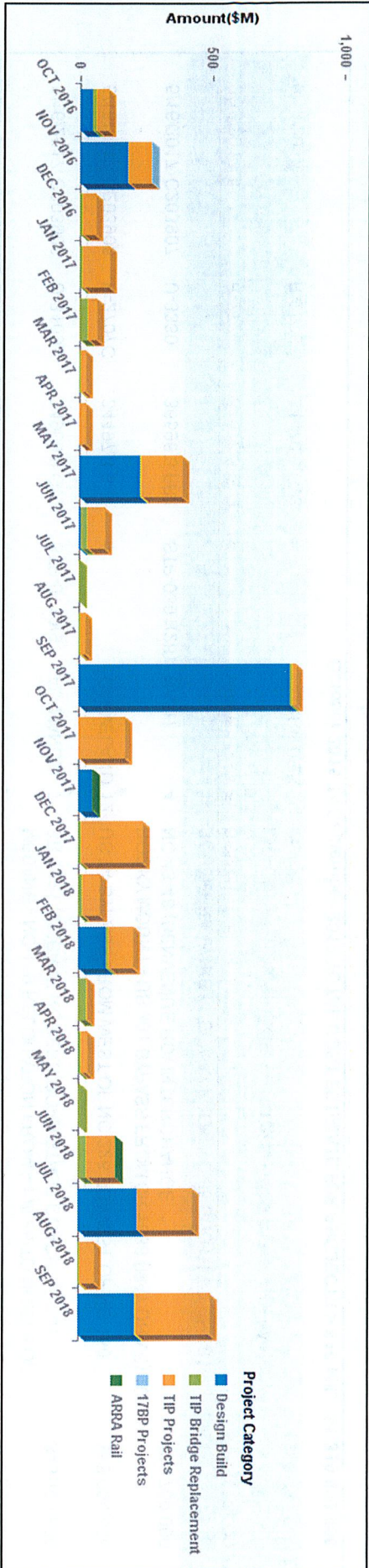
October 2016 To September 2017 TOTAL COST ESTIMATE FOR PROJECTS > \$20 MIL \$1,319,633,000

LET DATE	Contract ID	TIP#	WBS#	FA#	County	DIV Description	Latest Estimate	DB F
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1/1/5/2016	C203474	B-2500B	32635.3.FRT	BRNH-0012(E DARE	1	RODANTHE ON NC 12 LONG-TERM IMPROVEMENTS (PHASE II)	\$174,400,000	DB
2/2/2017	C203930	B-5937	46479.3.1	#		BRIDGE 16 OVER CURRITUCK SOUND ON US 158 BRIDGE REHABILITATION	\$28,920,000	
October 2016 To September 2017 TOTAL COST ESTIMATE FOR BRIDGES > \$10 MIL							\$203,320,000	

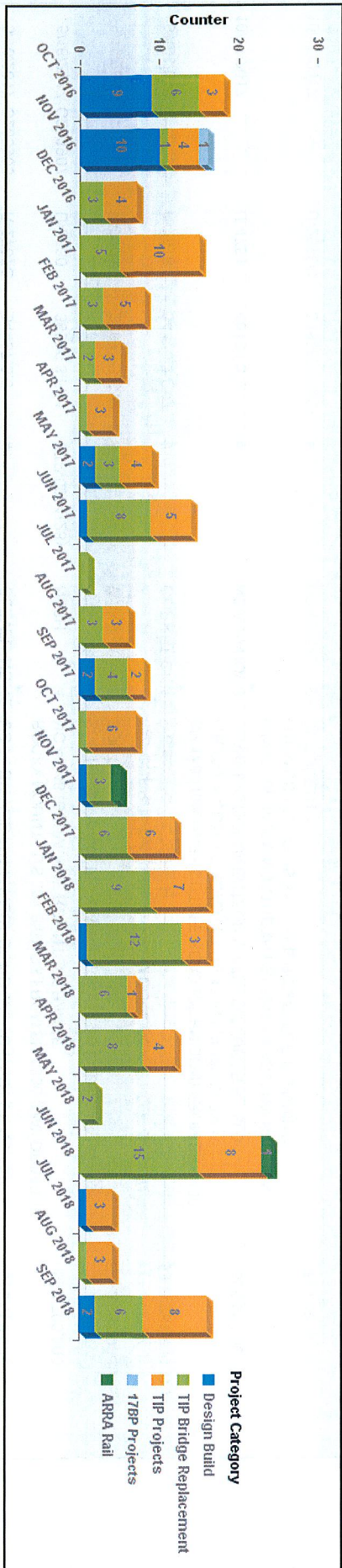


## 24 Month Review



	OCT 2016	NOV 2016	DEC 2016	JAN 2017	FEB 2017	MAR 2017	APR 2017	MAY 2017	JUN 2017	JUL 2017	AUG 2017	SEP 2017	OCT 2017	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	Sum:
Design Build																									
	\$ 47	\$ 182						\$ 230	\$ 3		\$ 793			\$ 51			\$ 105				\$ 222		\$ 211		\$ 1,844
TIP Bridge Replacement	\$ 17	\$ 1	\$ 11	\$ 12	\$ 31	\$ 4	\$ 1	\$ 4	\$ 26	\$ 0	\$ 4	\$ 11	\$ 1	\$ 2	\$ 9	\$ 15	\$ 10	\$ 31	\$ 8	\$ 3	\$ 32		\$ 2	\$ 6	\$ 242
TIP Projects	\$ 40	\$ 88	\$ 46	\$ 97	\$ 31	\$ 18	\$ 20	\$ 149	\$ 65		\$ 18	\$ 12	\$ 172		\$ 230	\$ 60	\$ 89	\$ 2	\$ 20		\$ 108	\$ 204	\$ 55	\$ 274	\$ 1,799
17BP Projects		\$ 0.0																							\$ 0.0
ARRA Rail														\$ 0.0							\$ 0.0				\$ 0.0
Sum:	\$ 104	\$ 270	\$ 57	\$ 109	\$ 62	\$ 22	\$ 21	\$ 383	\$ 93	\$ 0	\$ 22	\$ 817	\$ 173	\$ 53	\$ 239	\$ 76	\$ 204	\$ 33	\$ 28	\$ 3	\$ 140	\$ 426	\$ 57	\$ 491	\$ 3,885





	OCT 2016	NOV 2016	DEC 2016	JAN 2017	FEB 2017	MAR 2017	APR 2017	MAY 2017	JUN 2017	JUL 2017	AUG 2017	SEP 2017	OCT 2017	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	Sum:	
Design Build	9	10						2	1			2		1			1					1			2	29
TIP Bridge Replacement	6	1	3	5	3	2	1	3	8	1	3	4	1	3	6	9	12	6	8	2	15			1	6	109
TIP Projects	3	4	4	10	5	3	3	4	5		3	2	6		6	7	3	1	4		8	3	3		8	95
17BP Projects		1																							1	1
ARRA Rail														1							1				2	2
Sum:	18	16	7	15	8	5	4	9	14	1	6	8	7	5	12	16	16	7	12	2	24	4	4		16	236

# MAJOR PROJECTS > \$20 MILLION SCHEDULED FOR October 2016 To September 2018

LET DATE	Contract ID	TIP #	WBS#	FA#	County	DIV	Description	Latest Estimate	DB Flag
10/18/2016	#	R-2247EC	34409.3.24	#	FORSYTH	9	RECONSTRUCT INTERCHANGE US 52/FUTURE I-74 INTERCHANGE WITH NC 65 ON WINSTON-SALEM/NORTHERN BELTWAY (comb W/R-2247CD)	\$24,700,000	DB
10/18/2016	C203803	U-3440	39010.3.2	#	CABARRUS	10	KANNAPOIS - NC 3 FROM PROPOSED WEST SIDE BYPASS (U-2009) TO SR 1691 (LOOP RD)	\$24,200,000	
11/15/2016	C203801	R-2915C	34518.3.FR3	STP-0221(41)	ASHE	11	US 221 FROM NORTH OF SOUTH FORK NEW RIVER TO SOUTH OF NC 194	\$62,600,000	
12/20/2016	#	R-4753	39999.3.FR1	STP-0107(10)	JACKSON	14	NC 107 FROM NORTH OF SR 1002 TO NC 281	\$22,500,000	
1/17/2017	C203800	R-3100A	34522.3.FR3	STP-0016(52)	CATAWBA	12	NC 16 FROM NORTH OF SR 1814 (CALDWELL ROAD) TO SR 1895 (TOWER ROAD) (COMB W/R-3100B)	\$26,300,000	
1/17/2017	C203829	R-3100B	34522.3.FR4	STP-0016(53)	CATAWBA	12	NC 16 FROM NORTH OF SR 1801 (CLAREMONT ROAD) TO NORTH OF SR 1814 (CALDWELL ROAD) (COMB W/R-3100A)	\$20,200,000	
5/16/2017	#	I-5507	43609.3.2	#	MECKLENBURG	10	MECKLENBURG FROM I-77 TO US 74 (INDEPENDENCE BOULEVARD)	\$212,000,000	DB
5/16/2017	C203906	U-3109A	34900.3.GV2	STP-0119(9)	ALAMANCE	7	MEBANE - NC 119 RELOCATION FROM I-40/I-85 TO NORTH OF SR 1921 (MEBANE ROGERS ROAD/STAGE COACH ROAD)	\$49,100,000	
5/16/2017	C203905	R-2707C	34497.3.6	#	CLEVELAND	12	US 74 BYPASS FROM WEST OF NC 226 TO WEST OF NC 150	\$58,000,000	
5/16/2017	C203907	U-3330	36596.3.FR1	STP-0301(29)	NASH	4	ROCKY MOUNT - US 301 BYPASS FROM SR 1836 (MAY DRIVE) TO NC 43-48 (BENVENUE RD) INTERCHANGE "	\$26,700,000	
9/19/2017	#	R-2721	37673.3.GV2	#	WAKE	5	SOUTHERN WAKE FREEWAY FROM NC 55 SOUTH TO US 401 SOUTH	\$410,052,000	DB
9/19/2017	R-2576	34470.3.GV3	#	CURRITUCK	1	Project	MD-CURRITUCK BRIDGE, FROM COINJOCK TO COROLLANCTA	\$383,281,000	DB
10/17/2017	U-4751	40191.3.2	#	NEWMANOV	3		SR 1409 (MILITARY CUTOFF ROAD EXTENSION) FROM SR 1409 (MILITARY CUTOFF ROAD) TO US 17 IN WILMINGTON *	\$85,000,000	
10/17/2017	U-2579C	34839.3.GV6	#	FORSYTH	9		PLANNING DOCUMENT FOR U-4751 INCLUDES R-3300 * WINSTON-SALEM/NORTHERN BELTWAY (EASTERN SECTION) FROM US 158 TO US 311 * SEE R-2247 FOR PLANNING DOCUMENT *	\$61,500,000	
11/21/2017	U-2519AA	34817.3.3	#	ROBESON	6		FAYETTEVILLE - OUTER LOOP FROM I-95 TO SOUTH OF SR 1118 (PARKTON ROAD) IN ROBESON COUNTY * PLANNING DOCUMENT FOR U-2519 INCLUDES X-0002B & X-0002C *	\$50,700,000	DB
12/19/2017	U-2519AB	34817.3.4	#	CUMBERLAND	6		FAYETTEVILLE - OUTER LOOP FROM SOUTH OF SR 1118 (PARKTON ROAD) TO SOUTH OF SR 1003 (CAMDEN ROAD) * PLANNING DOCUMENT FOR U-2519 INCLUDES X-0002B & X-0002C *	\$109,500,000	







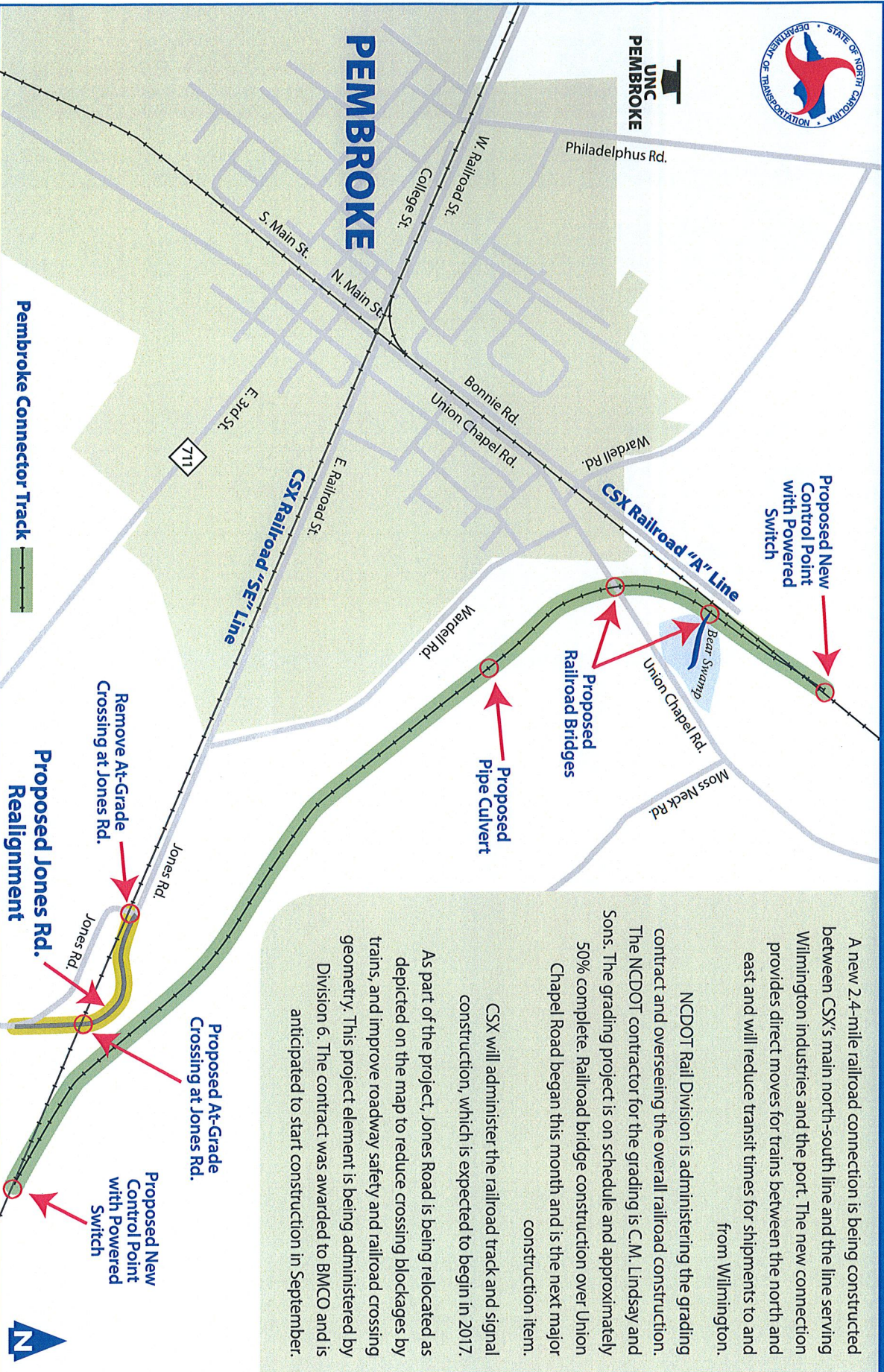
# Pembroke Connector Track

## TIP #4900 Robeson County

Construction Start: Sept. '15

Construction End: (Anticipated) May '18

Estimated Overall Construction Cost: \$18.4M

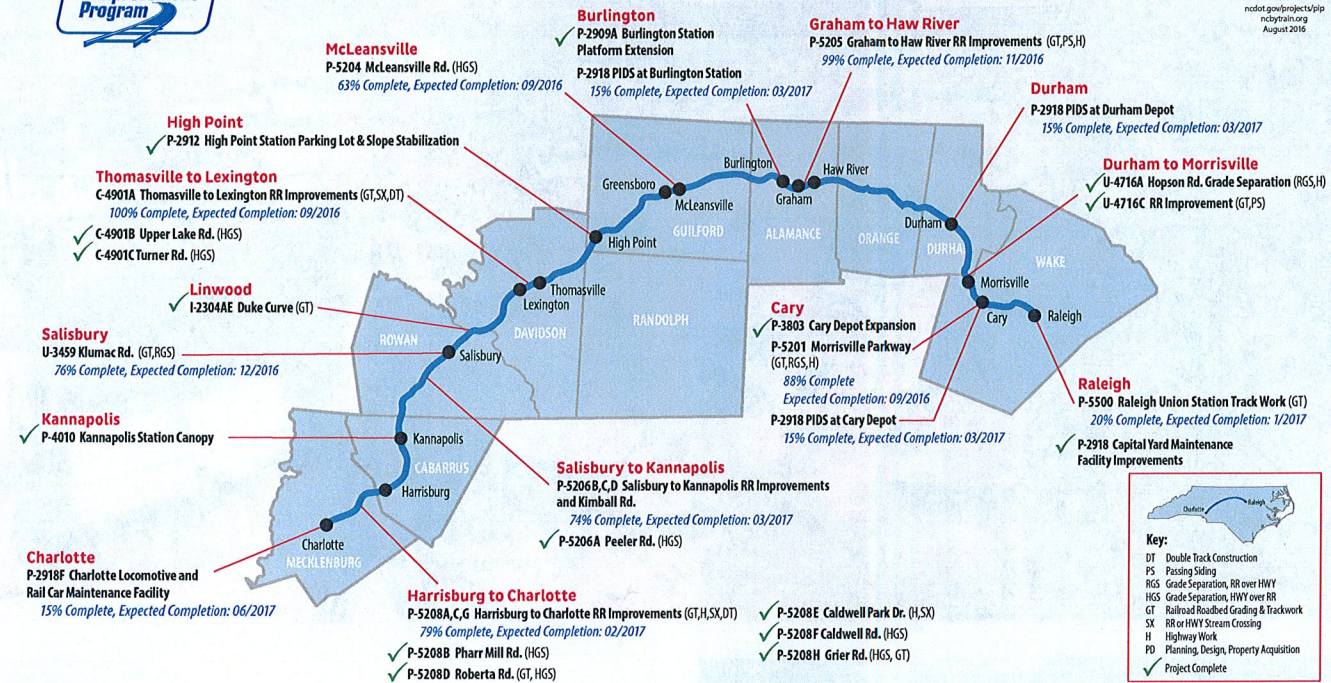


A new 2.4-mile railroad connection is being constructed between CSX's main north-south line and the line serving Wilmington industries and the port. The new connection provides direct moves for trains between the north and east and will reduce transit times for shipments to and from Wilmington.

NCDOT Rail Division is administering the grading contract and overseeing the overall railroad construction. The NCDOT contractor for the grading is C.M. Lindsay and Sons. The grading project is on schedule and approximately 50% complete. Railroad bridge construction over Union Chapel Road began this month and is the next major construction item.

CSX will administer the railroad track and signal construction, which is expected to begin in 2017. As part of the project, Jones Road is being relocated as depicted on the map to reduce crossing blockages by trains, and improve roadway safety and railroad crossing geometry. This project element is being administered by Division 6. The contract was awarded to BMCO and is anticipated to start construction in September.





2 Locomotives  
25% Complete  
Expected Completion Date: 11 & 12/2016



NC By Train - Piedmont Equipment ✓ 5 Locomotives ✓ 11 Railcars

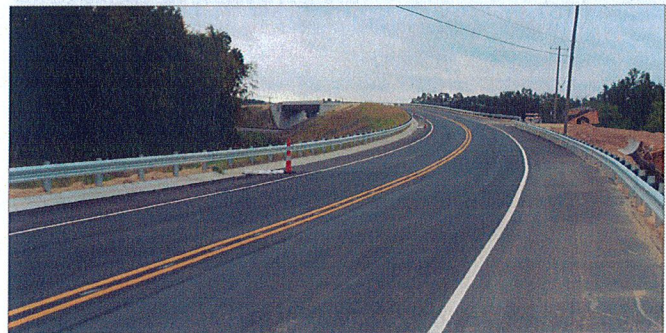
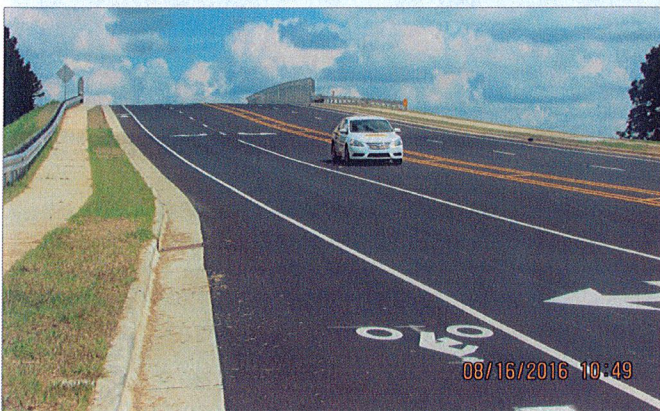
2 Cab Control Units  
50% Complete  
Expected Completion Date: 10 & 12/2016  
2 Additional Cab Control Units from non ABRA funding\*

## PIP Milestones

**Morrisville** - Morrisville Parkway grade separation was opened to traffic on August 27. Late phase grading to remove the old railroad roadbed is expected to be complete by the end of October.

**China Grove** - A 2.5 mile track cut-in of the new Main 1 track through China Grove and on the new bridge over Kimball Road was completed in August. The completion of this track allows for the completion of the second track and of Kimball Road extension.

**Harrisburg** - The Roberta Road extension and grade separation (*below*) was opened to traffic on August 8, and the adjacent Robinson Church Rd. crossing was closed, improving safety and mobility in the Town of Harrisburg. A ribbon cutting event was held on August 18 commemorating the roadway opening.



**McLeansville** - McLeansville grade separation (*above*) was opened to traffic on August 12. Remaining roadway work and associated crossing closures are anticipated to be complete in October.

**Spent to Date of \$520M (eff. 8/31/2016)**

Component	Expenditure
PD&A/ROW	\$ 53,274,450
Equipment Procurement & Rebuild	\$31,002,586
Stations & Facilities	\$46,212,410
Track & Structures	\$294,709,204
CRISP	\$2,180,376
<b>Program Totals</b>	<b>\$427,379,026</b>

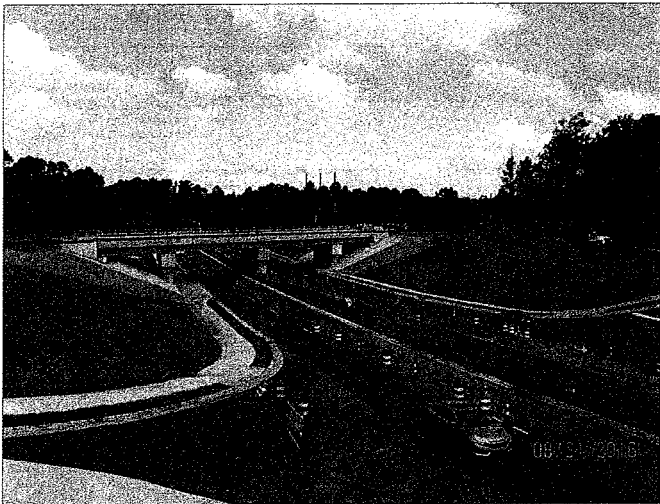
Two new contracts totaling \$23,331 were awarded in August.



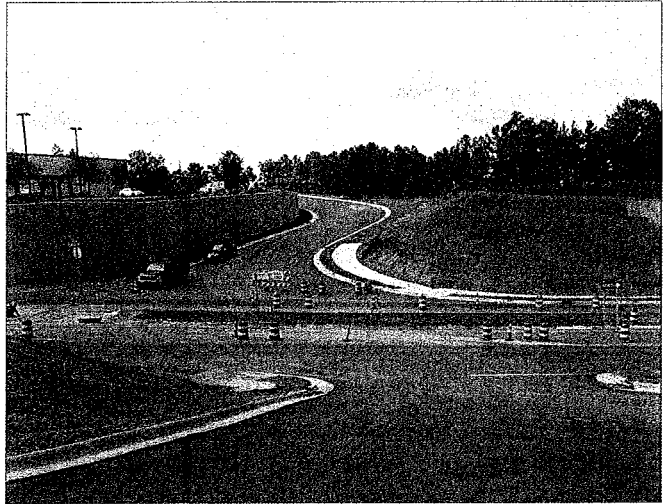
## Piedmont Improvement Program – Project Photos – August 2016



P-5200 Raleigh Union Station construction



P-5201 Morrisville Parkway, open to traffic



P-5201 Morrisville Parkway, retaining wall



P-5205 Graham to Haw River Passing Siding construction



P-5205 Graham to Haw River Passing Siding construction



## Piedmont Improvement Program – Project Photos – August 2016



C-4901 Bowers to Lake, track construction



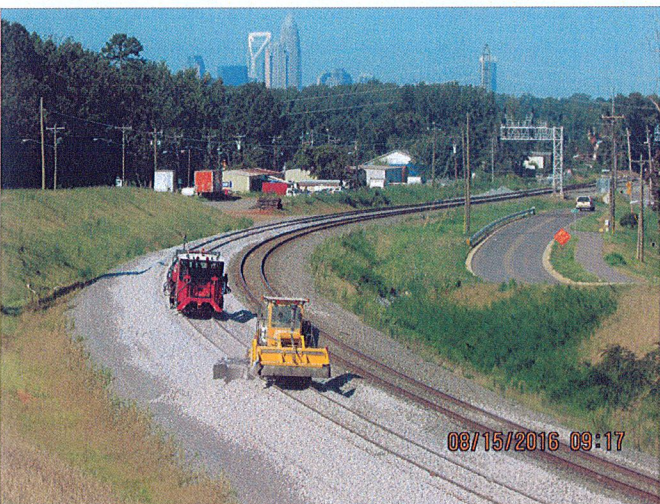
U-3459 Klumac Road, roadway paving



P-5206 Reid to North Kannapolis, track construction Thom Street



P-5206 Reid to North Kannapolis, track on bridge over Kimball Road



P-5208 Haydock to Junker, track construction



P-5208 Haydock to Junker, Coddle Creek bridge construction