

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

PAT MCCRORY GOVERNOR ANTHONY J. TATA SECRETARY

September 23, 2015

MEMORANDUM TO:

AGC-DOT Joint Cooperative Committee Members

FROM:

Rodger Rochelle, PE

SUBJECT:

September 17, 2015 Minutes

The Joint Cooperative committee of the AGC – DOT met at 10:00 a.m. on September 17, 2015 in the Chief Engineer's Conference Room at the NCDOT Equipment and Maintenance Facility on Beryl Road in Raleigh with the following in attendance:

Betsy Bailey	Mickey Biedell	Jonathan Bivens	Luke Blythe
Kevin Burns	Terry Canales	Danny Eudy	Chuck Gallant
Randy Garris	Tim Goodson	Ron Hancock	Brad Hibbs
Adam Holcomb	Ryan Holloway	Berry Jenkins	Mary Jernigan
Mark Johnnie	Mike Long	Greg Perfetti	Rodger Rochelle
Ron Shaw	Trent Sherrill	Lamar Sylvester	Burt Tasaico
David Tvervar	Jason Williams	Paul Worley	

#### AGENDA AND DISCUSSION ITEMS

#### Revenue Update

#### **Burt Tasaico / David Tvervar**

Mr. Tasaico reported out on the 2015 SFY revenue review. Actual revenue came out ahead of the forecast by approximately \$100 million due to the sale of vehicles and diesel consumption.

Mr. Tasaico also reported that there are two federal deadlines approaching. The Federal Fiscal Year ends September 30<sup>th</sup> and the annual appropriation goal needs to be extended in order to prevent Government shutdown. MAP-21 was extended earlier and will come to an end on October 29, 2015.

The "Budget Bill" which is to go to the House and Senate and signed by the Governor this week, is increasing DMV fees by 30% on average starting January 1, 2016. The bill also indexes the fees with the Consumer Price Index starting in 2020.

From a budget authority perspective, funds in the Highway Use Tax that have been diverted for many years to non-transportation projects through the General Fund, have been terminated. This means that these funds can now be used for transportation purposes. The bill also eliminates the caps on the Highway Use Tax for commercial vehicles. All of these updates to the budget are projected to bring in an extra \$700 million to the budget.

Mr. Tyeryar stated that NCDOT is putting out around \$2.250 billion worth of work which includes pre-engineering, construction and maintenance activities. With the current budget bill, NCDOT will be looking at around \$4.5 billion soon with the spending down of the cash reserves (around \$1.5 billion) and around \$700 million from the transfer. NCDOT is looking at ways to move cash flow and be more productive in the winter months.

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

Randy Garris

Mr. Garris provided a handout outlining the proposed Letting Projection Chart and the Let Summary Projection. From September 2015 through August 2016, \$1.326 billion in projects are currently scheduled including Design Build, TIP and TIP Bridge Replacement. These numbers do not reflect the information mentioned by Mr. Tyeryar on the funds being transferred back for transportation or the funds to be spent down.

Mr. Garris reviewed the nine projects greater than \$20 million in the tentative 12-month let list, including five Design-Build projects, all totaling \$675.7 million. In the same 12 months, there are currently six bridge projects greater than \$10 million including one Design Build. These six projects have an estimated cost of \$328.4 million.

#### Legislative and Congressional Report

Mary Jernigan

Ms. Jernigan mentioned some of the budget provisions on the budget bill. They are as follows:

- Added flexibility in using the bridge funding for culverts greater than 54 inches
- New position for Product Evaluation
- Preconstruction outsourcing percentages remain the same
- DOT Report Program Citizen Hotline and website that citizens can utilize for issues in their area, along with response times (i.e. potholes addressed within 2 business days)
- Addition of crack sealing to pavement preservation funding
- Pavement preservation funding must be encumbered by June 30<sup>th</sup> of the fiscal year of which they were appropriated
- Statutory formula taken out for the Powell Bill and applied some appropriations giving stability

#### **CAGC/NCDOT** Winter Training for 2016

**Berry Jenkins** 

In the past the training sessions between NCDOT and AGC have been held in the three NC regions (Atlantic Beach, Raleigh and Asheville) around February/March. Approximately 600 -700 AGC and NCDOT employees attend the conferences and there is a desire to schedule the conferences again for 2016. NCDOT will be checking with the

Secretary and Chief Engineer about signing off on the training. If approved, a steering committee will need to be put in place between NCDOT and AGC.

#### Rail Program Updates (handout)

#### Paul Worley / Jason Orthner

Mr. Worley mentioned that they had their first meeting with the AGC and CSX to work on smoothing out a process and expediting projects with transparency. The next step is to create small work groups to work on the processes discussed. After the process is drafted there will be a meeting with Norfolk Southern and the NC Railroad for further discussion.

Mr. Worley provided a handout listing the latest map and schedule for the Piedmont Improvement Program Track and Structure Projects.

A good amount of progress was done this summer and the roadbeds have been graded for Norfolk Southern to lay the track. Projects are proposed to be finished, invoiced and billed to FRA by July 1, 2017 for reimbursement. If the projects go beyond September 2017 it will impact other funding that NCDOT receives.

#### Prequalification/Requalification Construction Work Codes Jonathan Bivens

Mr. Bivens expressed the difficulty in getting prequalified for specialty work where they have not performed the work in many years but still have the knowledge to do the work and oversee it. By not getting prequalified, it limits the competition. Eventually if the work is always subcontracted out you cannot get approval to do the work yourself.

Mr. Biedell stated that the five years of experience is not a hard and fast date, and they are willing to look at longer time frames. Mr. Biedell handed out a document that shows categories of work where only one key work code is needed in order to approve other work codes. The intent of this document was to ease the burden on larger contractors who have multiple work codes in different areas. Mr. Jenkins will ask for comments on this document and send them to Mr. Biedell.

#### **Standardizing Division Let Projects**

Kevin Burns

Mr. Burns stated that the contract process is not standard between the 14 highway divisions. Examples are when to require bid bonds, release of the engineers estimate, and being able to submit on a disk. With the amount of work being pushed down to the divisions, it would be good to have a standard process followed by all divisions.

It was mentioned that there is a division contract manual that was created by a work group and handed out to all the divisions, but there is a concern that not everyone follows it. Mr. Hancock said that he will send Berry a copy of the manual for their information. There may be areas that are not covered in the document that may need to be.

Mr. Keel mentioned that the Chief Engineer's office has been putting more emphasis on getting the divisions to be more consistent across the state.

Mr. Jenkins mentioned that the Sedimentation and Control Commission has a zero tolerance policy. What this means is if the project has any loss of sediment the prime would be deserving of a Notice of Violation. AGC has met with NCDOT staff and then with DENR staff to discuss the policy and the ramifications to the NCDOT delivery program. DENR staff is to create a policy to take back to the Commission in November to address reasonableness in the sedimentation program. It was mentioned that there was never a vote by the Commission to have a zero tolerance policy, but it was an interpretation of the rules (i.e. tracking of dirt onto new pavement would be noncompliant).

#### Other:

The 2016 Co-Chair for the AGC will be Mr. Kevin Burns.

Mr. Jenkins mentioned that members of the AGC will meet with the NC Rural Center on Friday, September 18th to discuss potential involvement to assist with minority contractors.

#### **Next Meeting Date**

The next meeting is scheduled for November 19, 2015 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 September 17, 2015

#### **AGENDA ITEMS:**

- 1. Introductions
- 2. Remarks by Secretary Nick Tennyson

3. Revenue Update

David Tyner/Burt Tasaico

4. Letting Projections

Randy Garris

5. Legislative and Congressional Report

NCDOT staff

6. CAGC/NCDOT Joint Winter Training conferences for 2016

**Berry Jenkins** 

7. Railroad meeting update

Berry Jenkins/Paul Worley

8. Prequalification/Requalification/Construction Work Codes Discussion

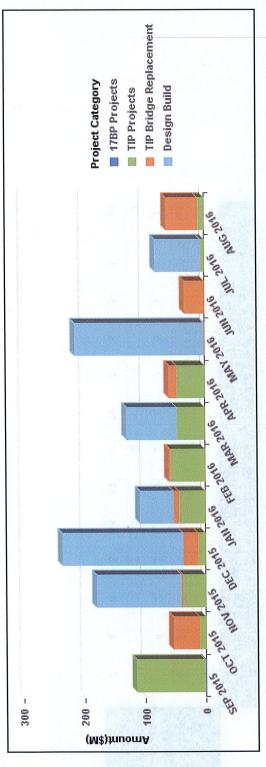
Ricky Vick

9. Standardizing Division Let Projects/Revealing Engineers Estimates after bid opening

Kevin Burns/Ricky Vick

10. Environmental Update

Don Lee/Berry Jenkins



	SEP	DCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	NOC	Jor	AUG	
	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	Sum:
17BP Projects	\$ 1		1 23 1 40		7 ay 1								
TIP Projects	\$ 113	\$ 10	\$ 37	\$ 13	\$ 44	\$ 58	\$ 46	\$ 46			8	\$ 11	\$ 384
TIP Bridge Replacement		\$ 43	\$ 4	\$ 25	8 9	\$2	\$ 1	\$ 13	\$2	\$ 32	8	\$ 51	\$ 182
Design Build			\$ 139	\$ 198	\$ 54		\$ 82	unter a stratum et a s	\$ 212		\$ 74		\$ 759
Sim:	\$ 114	\$ 53	\$ 180	\$ 235	\$ 107	\$ 60	\$ 129	\$ 59	\$ 214	\$ 32	\$ 81	\$ 63	\$ 1,326

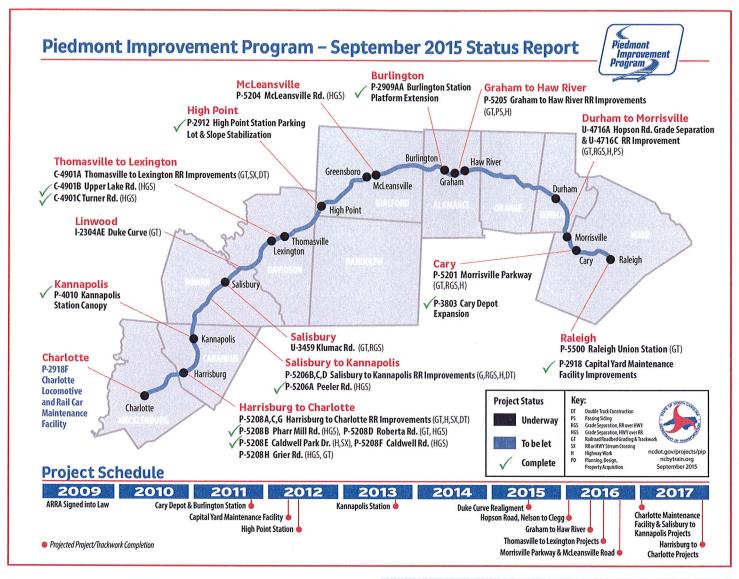
	BRI	DGE PROJEC	BRIDGE PROJECTS > \$10 MILLION		SCHEDULED FOR September 2015 To August 2016		
ET DATE Contract ID	TIP#	WBS#	FA#	County DI	DIV Description	Latest Estimate	DB Flag
	B-2500AB	32635.3.9	BRNHF-0012(62)	DARE 1	PHASE II-SHORT TERM IMPROVEMENTS AT PEA ISLAND	\$28,200,000	e de la companya de l
10/20/2015 C203587	B-3159	38331.3.FR1	STPNHS-0052(31) DAVIDSON	DAVIDSON 9	REPLACE BRIDGE 27 OVER US 29-64-70/I-85 BUSINESS LOOP ON US52/NC 8	\$12,900,000	
12/15/2015 C203474	B-2500B	32635.3.FR7	BRNHF-0012(56)	DARE 1	RODANTHE ON NC 12 LONG-TERM IMPROVEMENTS (PHASE II)	\$198,000,000 DB	- DB
12/15/2015 C203659	B-4490	33727.3.FS1	BRNHS-0024(24)	CUMBERLAN 6	REPLACE BRIDGE 116 OVER CSX RR, NORFOLK SOUTHERN RR, & HILLSBORO ST ON NC 24-210 (ROWAN STREET)	\$18,000,000	
6/21/2016 C203751		42263.3.1	*	WAKE 5	BRIDGE NO. 227 ON US-70/US-401/NC-50 (CAPITAL BOULEVARD) OVER PEACE STREET AND BRIDGE NO. 213 ON US-70/NC-50 (WADE AVENUE) OVER US 401 (CAPITAL BOULEVARD) (COMB W/B-5317) *SCHEDULES INCLUDE B-5317*	3. \$25,300,000	
8/16/2016 #	B-4929	40233.3.1		PENDER 3	REPLACE BRIDGE 16 OVER INTRACOASTAL WATERWAY ON NC 50-210	\$46,000,000	
				September 201	September 2015 To August 2016 TOTAL COST ESTIMATE FOR BRIDGES > \$10 MIL	\$328,400,000	

36 - BRIDGES AFFECTED BY 37 TIP BRIDGE PROJECTS

1 - BRIDGES AFFECTED BY 2 (17 BP, BK, BP) BRIDGE PRESERVATION PROJECTS

12 Month Totals For September 2015 To August 2016 \$1,325,982,750

\$675,700,000	September 2015 To August 2016 TOTAL COST ESTIMATE FOR PROJECTS > \$20 MIL	September 201				
\$74,200,000 DB	US.158/US.421/NC.150/BUSINESS.40, WEST OF FOURTH STREET TO EAST OF CHURCH STREET; PAVEMENT REHAB, REPLACE BRIDGES: 178,278,286,288,291,293,305,312,313,336.	FORSYTH 9	NHP-0421(087)	34872.3.4	U-2827B	7/13/2016
\$212,000,000 DB	I485 FROM I-77 TO US 74 (INDEPENDENCE BOULEVARD)	MECKLENBU! 10	#	43609.3.2	1-5507	5/17/2016#
\$81,100,000 DB	FAYETTEVILLE - OUTER LOOP FROM SOUTH OF US 401 1.0 SOUTH OF SR 1400 (CLIFFDALE ROAD) * PLANNING DOCUMENT FOR U-2519 INCLUDES X-0002B & X-0002C *	CUMBERLAN 6	NHP-0620(31).	34817.3.GVS6	U-2519CA	3/15/2016 C203759A
\$32,200,000	DURHAM - NC 55 (ALSTON AVENUE) FROM NC 147 (DURHAM FREEWAY)TO NORTH OF US 70 BUSINESS - NC 98 (HOLLOWAY STREET). WIDENTO FOUR-LANE DIVIDED FACILITY FROM NC 147 TO MAIN STREET AND REPLACE NORFOLK SOUTHERN RAILROAD BRIDGES.	DURHAM 5	STP-0055(20)	34915.3.FR1	U-3308	2/16/2016 C203567
\$54,000,000 DB	10 Vint	BUNCOMBE 13	IME-026-1(191)47	45552.3.1	1-5504	1/19/2016
\$139,000,000 DB	1-85 FROM LANE STREET (EXIT 63) IN CABARRUS COUNTY TO US 29-601 CONNECTOR (EXIT 68) IN ROWAN COUNTY (COMB W/I-3610,B-5365)	3 ROWAN 9	NHIMF-085-2(78)63 ROWAN	36780.3.GV3	i-3802B	11/17/2015 #
\$25,600,000	NC 268; CONSTRUCT SIDEWALK FROM NC 18 TO SHAVER ST FROM MULTI-LANES EAST OF NC 18 TO SR 1966 (AIRPORT RD). WIDEN TO FIVE-LANES FROM SHAVER ST TO FAIRPLAINS RD. WIDEN TO FOUR LANES FROM FAIRPLAINS RD TO SR 1966 (AIRPORT RD).	WILKES 11	#	36001.3.2	R-2603	9/15/2015 C203580
\$28,700,000		WATAUGA 11	STP-0221(039)	34518.3.6	R-2915A	9/15/2015 C203593
\$28,900,000	US 221; FROM SR 1003 (IDLEWILD RD) TO NORTH OF SOUTH FORK NEW RIVER	ASHE 11	STP-0221(040)	34518.3.7	R-2915B	9/15/2015 C203594
Latest Estimate DB Flag	DIV Description	County DIV	JW-L	WBS#	#dlL	ET DATE Contract ID
	ILLION SCHEDULED FOR September 2015 To August 2016	ON SCHEDUL		WAJOR FROJECTS > \$20 M	MA	



#### Spent to Date of \$520M (eff. 8/31/2015)

Component	Expenditure
PD&A/ROW	\$47,536,448
Equipment Procurement & Rebuild	\$26,933,812
Stations & Facilities	\$38,315,218
Track & Structures	\$ 196,618,009
CRISP	\$2,180,376
Program Totals	\$311,583,863

Four new contracts totaling \$190,981 were awarded in August.

#### **Commitments to Date of \$520M** (eff. 8/31/2015)

<b>Current Commitments</b>		\$471M
Pending Commitments	Anticipated Date	\$42.7M
Charlotte Maintenance Facil	ity Construction 3/16	\$33M
PIDS Construction	1/16	\$1.5M
PD&A	Through '16	\$8.2M
Balance		\$6.3M

#### **PIP Milestones**

**Salisbury** – Track construction has started across Klumac Road bridge.

**Lexington** – On August 31, the first new main track was put into service across the new Hamby Creek railroad bridge within the Bowers to Lake double track project. This final track relocation will facilitate the completion of the adjacent second main track in this area.

**Charlotte** – At the Grier Road grade separation project within the Haydock to Junker double track, the first new main track was put into service on August 31. The permanent relocation of the track facilitates the completion of the overpass bridge and the adjacent second main track in this area.



## Piedmont Improvement Program and Congestion Mitigation Project Photos August 2015



Congestion Mitigation Project, installation CP Armstrong turnouts



P-5201 Morrisville Parkway, bridge construction



U-4716 Nelson to Clegg Passing Siding, final phase grade



P-5205 Graham to Haw River Passing Siding, grading for new alignment

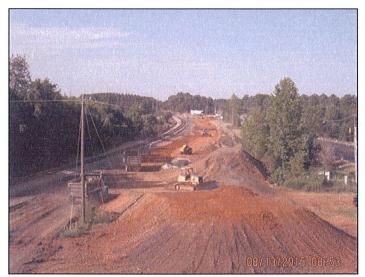


C-4901 Bowers to Lake, Rich Fork Creek bridge work

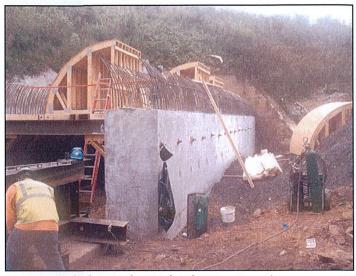


U-3459 Klumac Road, bridge ready for track

# Piedmont Improvement Program Project Photos August 2015



P-5206 Reid to North Kannapolis, grading near Peeler Road



P-5208 Haydock to Junker, Arch culvert construction



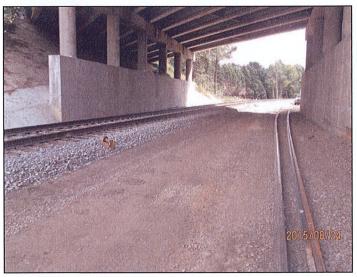
P-5208A Haydock to Junker, track construction



P-5208 Haydock to Junker, Roberta Road bridge construction



P-5500C Tryon Siding, track construction



P-5500C Tryon Siding, roadbed ready for track construction

The Contractual Services Unit has met with the Construction Unit in an effort to better streamline the process to requalify Central-Let Bidders. We are proposing to create five categories of prequalification, each with its respective key work code. If a firm demonstrates sufficient equipment/experience to requalify for the key work code, they will be automatically approved for any other previously approved work codes in that category. The idea is that if a firm has shown proficiency in the key work code, the other work codes in that category are of a similar nature that a firm could also perform those work codes. Several work codes will fall into more than one of these categories.

The five identified categories and their respective work codes are:

#### **Grading:**

Key work code: 225 Roadway Grading & Excavation

50 Hauling (Non-Asphalt)

200 Clearing and Grubbing

1651 Selective Vegetation Removal

210 Building Removal and Demolition

310 Pipe Installation

840 Minor Drainage Structures (Drop Inlets, Catch Basins, etc.)

830 Brick Masonry Construction

866 Fence Installation

1105 Work Zone Traffic Control Devices

1110 Work Zone Signs

1605 Temporary Silt Fence

1630 Silt Detention Device (Silt Basin)

1670 Landscape Planting

1660-7 Mowing

#### **Structures:**

Key work code: 422 Concrete Structures (Bridges)

421 Concrete Structures (Box Culverts)

423 Grooving Bridge Floors

425 Reinforcing Steel (Placing & Tying)

1072 Welding

460 Concrete Barrier Bridge Rail

80 Noise Walls

3010 Retaining Walls (Cantilever)

3015 Retaining Walls (MSE)

825 Incidental Concrete Construction

848 Sidewalk, Driveways and Wheelchair Ramps

712	Sawing and Sealing Joints
713	Diamond Grinding
1105	Work Zone Traffic Control Devices
1110	Work Zone Signs
<u>Aspha</u>	alt Paving:
Key wo	rk code: 610 Asphalt Paving
654	Asphalt Pavement Repair

654	Asphalt Pavement Repair
55	Hauling (Asphalt)
657	Crack and Joint Seal (Asphalt Pavement)
660	Asphalt Surface Treatment
60	Asphalt/Concrete Saw Cutting
607	Milling Asphalt Pavements
665	Milled Rumble Strips
825	Incidental Concrete Construction
846	Curb and Gutter/Shoulder Berm Gutter
848	Sidewalk, Driveways and Wheelchair Ramps
1105	Work Zone Traffic Control Devices
1110	Work Zone Signs

## **Concrete Paving:**

Key work code: 710 Concrete Paving

711	Concrete Pavement Repair
712	Sawing and Sealing Joints
713	Diamond Grinding
665	Milled Rumble Strips
60	Asphalt/Concrete Saw Cutting
1105	Work Zone Traffic Control Devices
1110	Work Zone Signs

### ITS:

Key work code:	1700 Traffic Signals and IT	ſS
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1730	Utility Installation/Removal: Fiber Optic Cable
1407	Wood Pole Installation
1740	Metal Pole Installation
1105	Work Zone Traffic Control Devices
1110	Work Zone Signs

In addition to the above recommendations, the following work codes will be merged together. They are of a similar nature and the Department no longer feels they need to remain as separate work codes:

#### **Drainage:**

310 Pipe Culvert/Storm Drainage Installation

320 Structural Plate Pipe

330 Welded Steel Pipe

815 Subsurface Drainage (Shoulder Drain, Under Drain, etc.)

New work code: 310 Pipe Installation

#### **Utilities:**

1510 Water Line Installation

1520 Sanitary Sewer Installation

New work code: 1510 Water/Sewer Line Installation

#### Chemical Stabilization:

501 Lime Treated Soil

540 Cement Treated Base Course

542 Soil-Cement Base

New work code: 501 Chemical Soil Stabilization

#### Saw Cutting:

60 Asphalt Saw Cutting

65 Concrete Saw Cutting

New work code: 60 Asphalt/Concrete Saw Cutting

#### Signals/ITS:

1700 Traffic Signals and ITS

1701 ITS and Signal System Integration

New work code: 1700 Traffic Signals and ITS

The following work code is being deleted. The work involved with this work code is already covered under other existing work codes:

854 Roadway Concrete Barrier

# Sept. AGC-DOT JCC Meeting

Name Organization e-mail Terry Canalos MCDOT tranales encotique NOOT Mickey Biedel mbiedell@ncdotigov Nepot Markengm Mjernym I enedot gerfettieucdot GREG PERFETTI repet JONATHAN BIVENS JOHATHAN @ STWOORP. COM S.T. WOSTEN CORP. BLYTHE CONSTR. INC. Chuck. 99 (lant a bythe construction 18) CHUCK GALLAST NCDOT rgarris@ncdot.gov Randy Garris LSALVESTER @ NOTOTIGOU LAMAR SYLVESTER NCDOT / DANNY End LANC CONSTRUCTION DUE TUDY O LANGE CONSTRUCT. COM BULLEYE BRADGE, LLC mlongobuckeyebridgellc.com 1 Ron Hancock NEDOT shancock@necot.gov WAKE STONE TSHERRILLE WAKESTONE CORP. COM / TRENT SHERRILL Blythe Development Co. lukeb@blythedevelopment.com Luke Blythe R.E. Burns & Sons Kevine redurns. com
TENHOCA CONST. CO. time tennoca. com KEVIN BURNS 1 TIM GOODSOY The Worky NCDOT pworky @-nedot-gor Jason Williams Fred Smith Company jason. williams @fredsmith company net Ganite Construction Kyan. Holloway Eginc. con 1/CLAN Hollawy DANE CONSTRUCTION ADAM DANE CONSTRUCTION. COM LEE CONST CO OF THE CORUCINOS RPSHAWE LECCOSOLINAS ADAM HOLCOMB Y RON SHOW Betsy Bailey CAGC bbailey & Carolinas age. ong 136 Jenkins CASC dsimpsmæcavolingsage.org CASC Sjonkinse Constitute ego. By MARK JOHNNIE BALTOUR BEATTY MJOHNNIE C BILLIS rarachelle e nedatigas Rodger Rechalle NODOT Brad Hibbs FHWA V Dave Tyner NCDOT