

STATE OF NORTH CAROLINA **DEPARTMENT OF TRANSPORTATION**

P.O. BOX 25201, RALEIGH, NC 27611-5201

CERTIFICATION OF RULEMAKING

0 415 1 4						
Certifying Agency:	e.					
Department of Transporta	ation			i		
Action:	Х	Adoption		х	Repeal	
Statutory Authority:						
136-54, 136-30, 20-141, 2	20-152.					
Public Hearing Not Req	uired Fo	r This Actio	n Under:			
GS 150B.						
Rule Summary:						
Rural Speed Zones, Rout	te Chang	es, Platoonir	ıg.			
Division: 5						
Circumstances Requirir	ag Bula	Adoption B	anaal:			
	_		ереат.			
Necessary for public safety and welfare.						
Effective Date:						
October 03, 2024						
					DocuSigned by:	
October 03, 2024 Brian Mayluw						
DATE OFFICER SIGNATUR						
Brian K. Mayhew, PE						
TYPED NAME						
	State Traffic Engineer					
					TITLE	

Rural Speed Zones

The Board of Transportation has delegated to the Secretary of Transportation the authority to adopt and promulgate all rules and regulations and ordinances regulating traffic on the highways pursuant to authority of N.C.G.S 143B-350 (g) (see 19ANCAC 4A.0104).

The State Traffic Engineer is subdelegated the authority by the Secretary of Transportation to adopt all necessary rules for the use of and to police traffic on state highways, and to set, change, or extend route numbers on the Primary Highway System of North Carolina pursuant to authority of N.C.G.S 143B-350(g) (see 19ANCAC 4A.0104).

Pursuant to that delegation, the State Traffic Engineer hereby adopts and promulgates the following ordinances based on an engineering and traffic investigation and in accordance with General Statute 20-141. Signing is required by statute or code.

COUNTY WAKE

DIVISION 5

DECLARE THE FOLLOWING

County / Municipality	Ordinance Number	Route	Car Spd Lmt		Description
WAKE	1086417	NC 540	70	70	Between the Durham County line and I-40, US 70.
WAKE	1086421	SR 1405	40	40	Between SR 1390 and 0.08 miles north of SR 1568 (Deerborn Drive).

RESCIND THE FOLLOWING

County / Municipality	Ordinance Number	Route	Car Spd Lmt	Trk Spd Lmt	Description
WAKE	1045937	SR 1405	40	40	From SR 1390, northward to SR 1010.
WAKE	1074408	NC 540	70	70	Between the Durham County Line and NC 55.

October 03, 2024 Page 2 of 5

Route Changes

The Board of Transportation has delegated to the Secretary of Transportation the authority to adopt and promulgate all rules and regulations and ordinances regulating traffic on the highways pursuant to authority of N.C.G.S 143B-350 (g) (see 19ANCAC 4A.0104).

The State Traffic Engineer is subdelegated the authority by the Secretary of Transportation to adopt all necessary rules for the use of and to police traffic on state highways, and to set, change, or extend route numbers on the Primary Highway System of North Carolina pursuant to authority of N.C.G.S 143B-350(g) (see 19ANCAC 4A.0104).

Pursuant to that delegation, the State Traffic Engineer hereby adopts and promulgates the following ordinances in accordance with General Statute 136-30, 136-54. Signing not required by statute or code.

COUNTY WAKE

DIVISION 5

DECLARE THE FOLLOWING

County	Ordinance Number	Route	Long Description
WAKE	1086416	NC 540	Add NC 540 along new alignment between NC 55 and I 40, US 70. Projects R-2721A, R-2721B, and
			R-2828.

October 03, 2024 Page 3 of 5

Platooning

The Board of Transportation has delegated to the Secretary of Transportation the authority to adopt and promulgate all rules and regulations and ordinances regulating traffic on the highways pursuant to authority of N.C.G.S 143B-350 (g) (see 19ANCAC 4A.0104).

The State Traffic Engineer is subdelegated the authority by the Secretary of Transportation to adopt all necessary rules for the use of and to police traffic on state highways, and to set, change, or extend route numbers on the Primary Highway System of North Carolina pursuant to authority of N.C.G.S 143B-350(g) (see 19ANCAC 4A.0104).

Pursuant to that delegation, the State Traffic Engineer hereby adopts and promulgates the following ordinances in accordance with General Statute 20-152. Signing not required by statute or code.

COUNTY WAKE

DIVISION 5

DECLARE THE FOLLOWING

County	Ordinance Number	Route	Long Description
WAKE	1086418	NC 540	Between the Durham County line and I-40, US 70 (toll segment). No more than three combination vehicles platooning. Non-leading vehicles shall be no closer than thirty (30) feet while at operating speeds. The Platooning Operators shall notify the State Traffic Engineer of the North Carolina Department of
RESCIND THE FOLLOWING			Transportation (919) 814-5100 and the Director of Highway Operations with the North Carolina Turnpike Authority (919) 707-2705 prior to operation.
County	Ordinance Number	Route	Long Description
WAKE	1073283	NC 540	Between the Durham County Line and 0.131 mile southeast of NC 55 Bypass (toll segment). No more than three combination vehicles platooning. Non-leading vehicles shall be no closer than thirty (30) feet while at operating speeds. The Platooning Operators shall notify the State Traffic Engineer of the North Carolina Department of Transportation (919) 814-5100 and the Director of

operation.

Highway Operations with the North Carolina Toll Authority (919) 707-2705 prior to

October 03, 2024 Page 4 of 5

The foregoing Highway Traffic Ordinances are hereby adopted in accordance with the General Statutes of North Carolina (136-54, 136-30, 20-141, 20-152).

All the actions herein adopted are effective October 03, 2024 and are identified as follows:

ORDINANCE TYPE	ADOPT	REPEAL
Rural Speed Zones	2	2
Route Changes	1	0
Platooning	1	1
Total	4	3

For ordinances requiring signing or marking, the Division Engineer for each affected Division shall cause to be installed appropriate signs or markings indicating the action of the State Traffic Engineer and these ordinances shall be in full force and effect from and after the installation of such signs or markings.

	DocuSigned by:
October 03, 2024	Brian Mayliew
DATE	OFFICER SIGNATURE
	Brian K. Mayhew, PE
	TYPED NAME
	State Traffic Engineer
	TITLE

October 03, 2024 Page 5 of 5

Route Change Request

Route Number:

NC 540

TIP:

R-2721A, R-2721B, R-2828

County:

Wake

General Description:

The Complete 540 project is being constructed in two phases. Phase 1 will extend the Triangle Expressway (Toll NC 540) approximately 18 miles from the existing corridor at N.C. 55 to I-40/U.S. 70 (future I-42).

Reason and Justification:

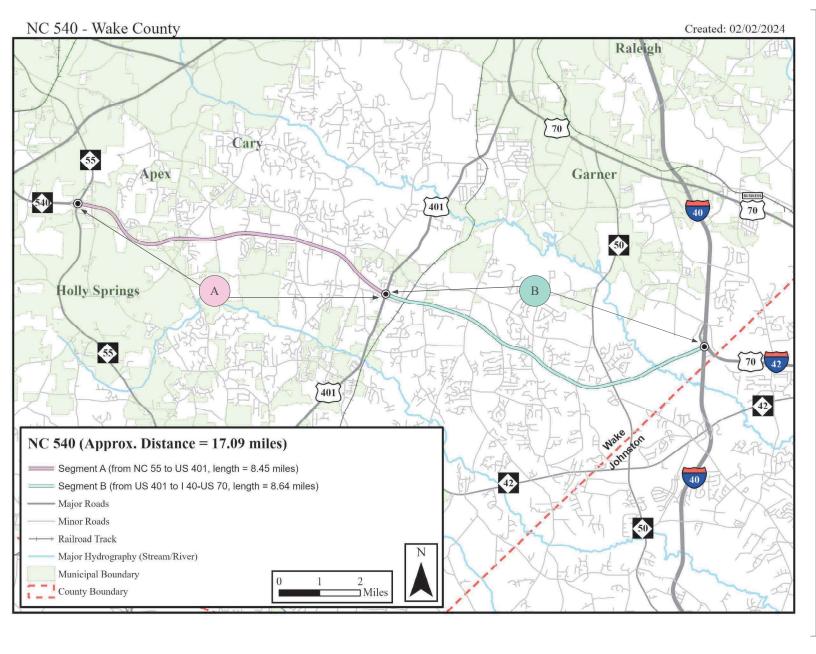
Construction of Phase 1 is expected to be completed Spring 2024.

STE Approval

Comments: STE Approves. Please proceed.

Approved by: Brian K Mayhew

Date: 2024-01-23



Complete 540





Triangle Expressway Southeast Extension Phase I: Triangle Expressway (Toll N.C. 540) from N.C. 55 Bypass to Interstate 40



For more information on the project:



ncdot.gov/complete540 complete540@ncdot.gov 1-800-554-7849

