



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

July 19, 2019

MEMORANDUM TO:           Tierre Peterson  
   Structures Management Unit

FROM:                         Paul S. Schroeder, PhD PE  
   Traffic Forecasting Group  
   Transportation Planning Division

SUBJECT:                     Revised Traffic Forecast for BR-0060  
   Alamance County  
   Replace Bridge 000014 on NC 87 over Cane Creek

Please find attached the revised traffic forecast for project BR-0060 in Alamance County. This revised traffic forecast replaces the previous forecast dated May 15, 2019.

New traffic count data obtained in May 2019 indicates the need to increase the truck percentage estimates.

In addition, the 2019 and 2040 AADTs and traffic factors on NC 87 are slightly modified to reflect the new count data.

Other supporting information and forecast methodology from the May 15, 2019 traffic forecast remain valid.

If it is determined that any of these assumptions have become inconsistent with the project and surrounding area activity, please request an updated forecast.

If we can be of any further assistance please do not hesitate to contact me at 919-707-0983, email: [pschroeder@ncdot.gov](mailto:pschroeder@ncdot.gov) or Michael Orr at 919-707-0982, email: [mlorr@ncdot.gov](mailto:mlorr@ncdot.gov).

cc (with Attachments):

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Project BR-0060 Traffic Forecast (Revised)

Alamance County bridge replacement – Bridge 000014 on NC 87 over Cane Creek

Year	Road	Lanes	AADT	D	K	Duals	TTSTs
2019	NC 87 on Bridge 000014	2	2800	55%	9%	17%	7%
2040	NC 87 on Bridge 000014	2	3000	55%	9%	17%	7%

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