



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

January 11, 2022

MEMORANDUM TO: Lamin Jah
Corridor Studies Unit

FROM: Chris McKoy
Traffic Forecasting Group

SUBJECT: Traffic Forecast for Project H193565
Rockingham County
Improve intersection, Washington Street, Bridge Street and
Boone Road.

Please find attached the 2021/2045 Traffic Forecast for Project H193565 in Rockingham County.
The forecast includes the following scenarios:

- Base Year (2021) Project No-Build/Build Estimate
- Future Year (2045) Project No-Build/Build Forecast

Fiscal Constraint: Outside of an MPO area travel demand forecasts assume the construction of projects listed within the State Transportation Improvement Program. This forecast is consistent with the current STIP. No other projects within the STIP affect travel demand at this project.

Development Activity:

There is currently no substantial development under construction nor is any substantial future development expected within the vicinity of the project.

Forecast Methodology:

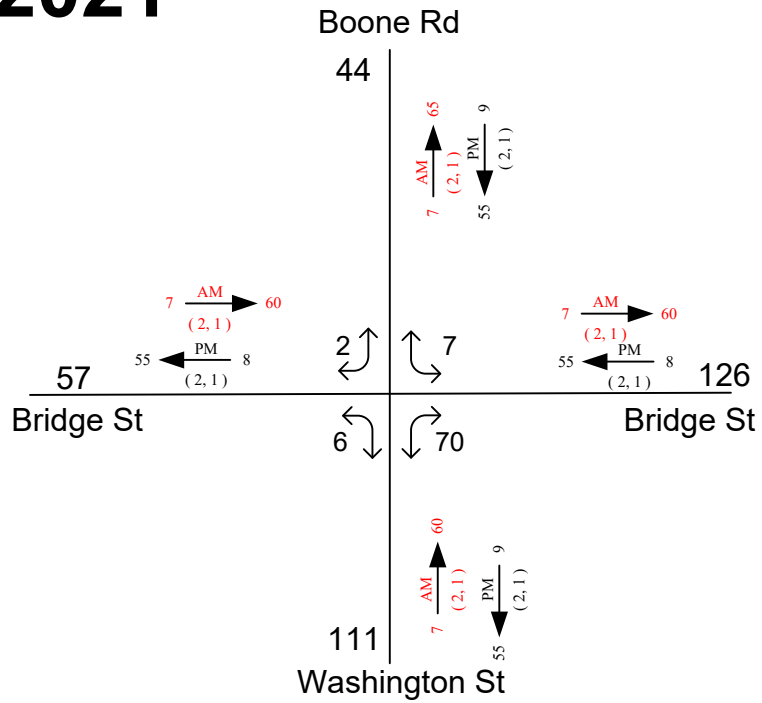
The 2021 Estimate is based upon current traffic counts validated by historical AADT trends.

The 2045 forecast was developed based upon historic AADT trends and population projections for Rockingham County prepared by the State Demographers Office.

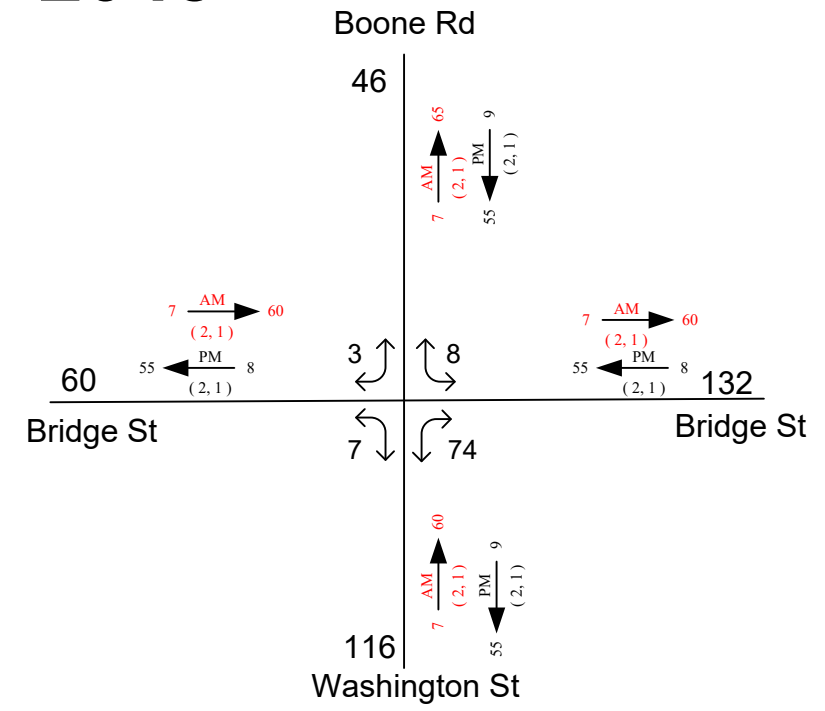
If it is determined that any of these assumptions have become inconsistent with the project and surrounding area activity, please request an updated forecast.

If we can be of any further assistance, please do not hesitate to contact me at 707-0939, email: cdmckoy@ncdot.gov.

2021



2045



Sheet 1 of 1

2021 & 2045 No Build-Build

AVERAGE ANNUAL DAILY TRAFFIC

<p>LEGEND</p> <p>K $\frac{AM/PM}{(d,t)} \rightarrow D$</p> <p>### No. of Vehicles Per Day (VPD) in 100s</p> <p>1- Less than 50 VPD</p> <p>X Movement Prohibited</p> <p>(d,t) Duals, TT-STs (%)</p> <p>K Design Hour Factor(%)</p> <p>D Peak Hour</p> <p>→ Indicates Direction of D</p>	<p>SPOT#: H193565</p>	<p>WBS: 34263.1.1</p>
	<p>COUNTY: Rockingham</p>	<p>DIVISION: 7</p>
	<p>DATE: 1-11-2022</p>	
	<p>PREPARED BY: Chris McKoy</p>	
	<p>LOCATION: Washington Street / Bridge Street / Boone Road</p>	
<p>PROJECT: Improve intersection</p>		