



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

October 30, 2025

MEMORANDUM TO: Samira Jasim
Project Manager Divisions 7,9, &10
Project Management Unit

FROM: Chris McKoy
Traffic Forecasting Group
Transportation Planning Division

SUBJECT: Traffic Forecast for B-5148
Forsyth County
Replace Bridge #276 on SR 1001(Country Club Road) over NC
67.

Please find attached the 2025/2045 Traffic Forecast for Project B-5148 in Forsyth County.
The forecast includes the following scenarios:

- Base Year (2025) Project No-Build / Build Estimate
- Future Year (2045) Project No-Build / Build Forecast

Fiscal Constraint: Within an MPO area travel demand forecasts assume the construction of projects listed within an MPO's Metropolitan Transportation Plan (MTP). This forecast is consistent with the Winston-Salem Area Transportation Planning Organization (WSATPO) 2045 MTP. This forecast also assumes that all projects listed within the NCDOT 2026-2035 STIP are constructed and open to traffic by 2045.

Development Activity:

No substantial current development is under construction nor is any substantial development expected near the interchange vicinity, the area surrounding the bridge is predominantly residential.

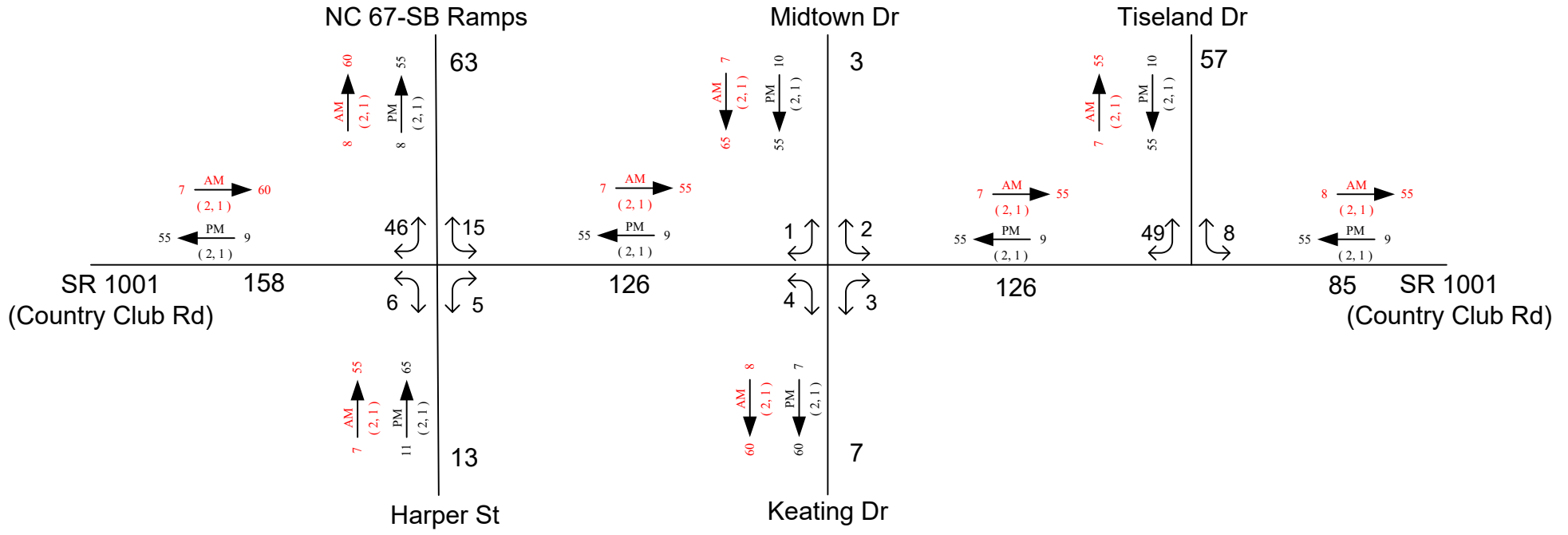
Forecast Methodology:

The 2025 Estimate is based upon current traffic counts validated by historical AADT trends.

The 2045 forecast was developed based upon consideration of output from the Piedmont Triad Regional Model (PTRMv5.2) and review of population projections for Forsyth 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.



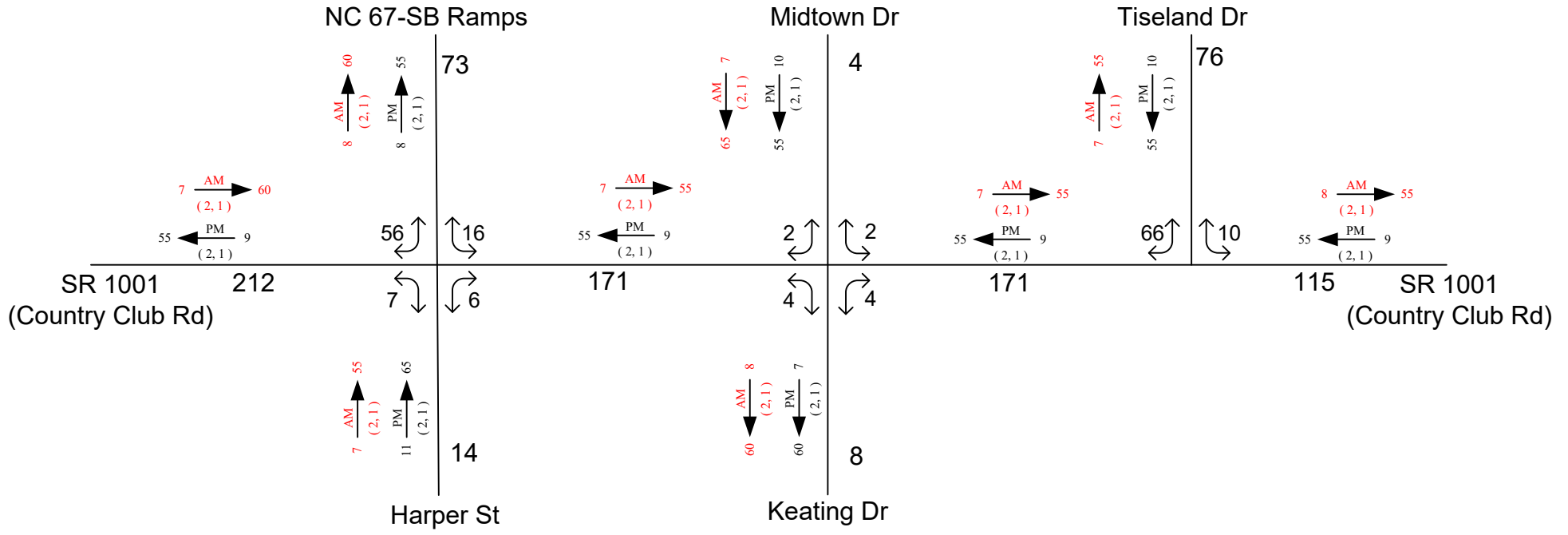
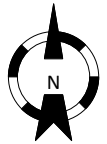
Sheet 1 of 2

2025 No Build-Build

AVERAGE ANNUAL DAILY TRAFFIC

L E G E N D	
###	No. of Vehicles Per Day (VPD) in 100s
1-	Less than 50 VPD
X	Movement Prohibited
(d,t)	Duals, TT-STs (%)
K	Design Hour Factor(%)
PM/AM	PM Peak Period
D	Peak Hour
→	Indicates Direction of D

SPOT#: B-5148	WBS: 42309.1.2
COUNTY: Forsyth	DIVISION: 9
DATE: 10-30-2025	
PREPARED BY: Chris McKoy	
LOCATION: SR 1001 over NC 67	
PROJECT: Replace bridge #276	



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>PM/AM PM Peak Period</p> <p>D Peak Hour</p> <p>Directional Split (%)</p> <p>→ Indicates Direction of D</p>	<p>SPOT#: B-5148</p>	<p>WBS: 42309.1.2</p>
	<p>COUNTY: Forsyth</p>	<p>DIVISION: 9</p>
	<p>DATE: 10-30-2025</p>	
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	<p>LOCATION: SR 1001 over NC 67</p>	
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