



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

October 25, 2021

MEMORANDUM TO: Lamin Jah  
Corridor Studies Unit

FROM: Chris McKoy  
Traffic Forecasting Group

SUBJECT: Traffic Forecast for H190972  
Guilford County  
Intersection improvement of SR 2179 (New Garden Road),  
Fleming Road and Ballinger Road.

Please find attached the 2021/2045 Traffic Forecast for Project H190972 in Guilford 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:**

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 Greensboro Urban Area Metropolitan Planning Organization 2045 MTP adopted December 9, 2020. This forecast also assumes that all projects listed within the NCDOT 2020-2029 STIP will be constructed and open to traffic by 2045.

**Development Activity:**

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

**Forecast Methodology:**

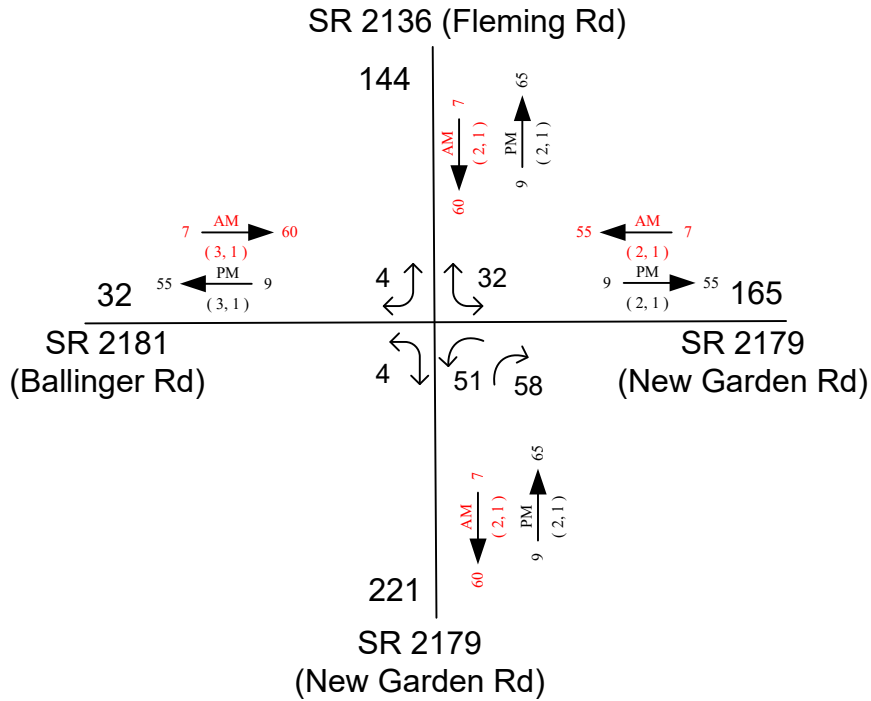
The 2021 Estimate is based upon current traffic counts and historical AADT trends.

The 2045 Forecast was developed based upon consideration of output from the Piedmont Triad Regional Travel Demand Model (v5.2) and historic AADT trends.

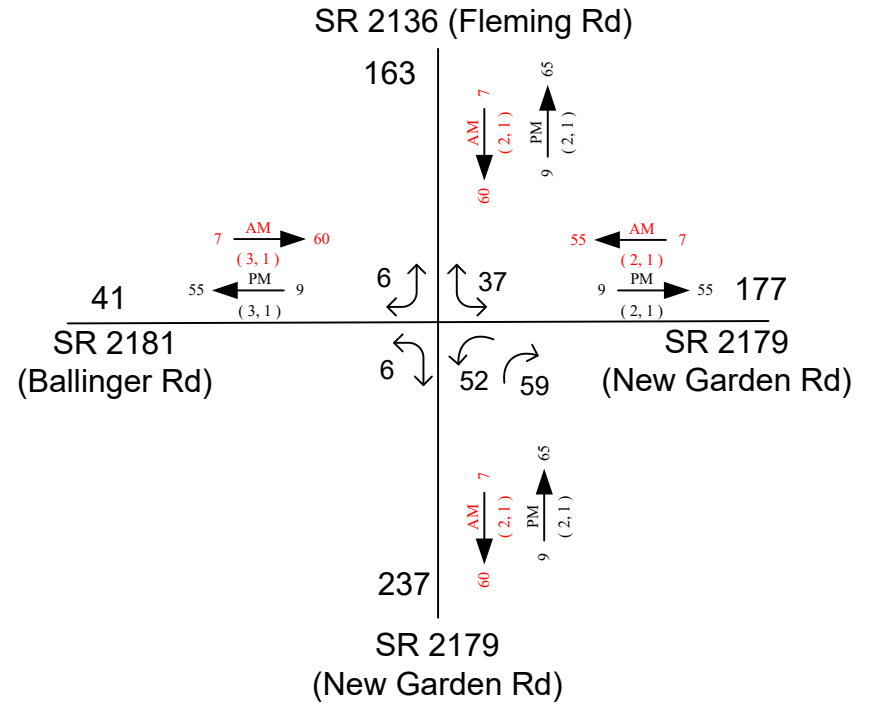
If it is determined that any of these assumptions have become inconsistent with the project and surrounding area activity, please request an updated forecast.

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

# 2021



# 2045



Sheet 1 of 1

## 2021 & 2045 No Build-Build

AVERAGE ANNUAL DAILY TRAFFIC

L E G E N D		SPOT#: H190972	WBS: 34263.1.1
$K \xrightarrow{\text{AM/PM}} \text{D}$ (d, t)		COUNTY: Guilford	DIVISION: 7
###	No. of Vehicles Per Day (VPD) in 100s	DATE: 10-25-2021	
1-	Less than 50 VPD	PREPARED BY: Chris McKoy	
X	Movement Prohibited	LOCATION: New Garden Road/ Fleming Road / Ballinger Road	
(d,t)	Duals, TT-STs (%)	PROJECT: Intersection Improvement	
K	Design Hour Factor(%)		
PM/AM	PM Peak Period		
D	Peak Hour		
	Directional Split (%)		
→	Indicates Direction of D		