

Traffic Analysis

- Free Flow or Near Free Flow (LOS A, B, C)
- Approaching or At Capacity (LOS D or E)
- Over Capacity (LOS F)

The basic data used to analyze the performance of both signalized and unsignalized intersections are turning movement counts. These counts show where traffic travels once it enters the intersection. For example, does traffic traveling north on NC 16 Business continue through the intersection or turn on Unity Church Road. The study area consists of 29 intersections and considered operations for the morning, afternoon, and Saturday peak hour periods. Data was collected on Thursday, May 16, 2019 and Saturday, May 18, 2019.

Intersection Level of Service

Intersection level of service (LOS) compares travel demand to an intersection's capacity. Designations range from LOS A (the best operating conditions) to LOS F (the worst operating conditions).

These maps show how the intersections performed in 2019 and how they will perform in 2025 and 2045 under three conditions:

- No projects are constructed.
- Constructing projects identified by NCDOT.
- Constructing additional projects identified during the Eastern Lincoln Mobility Study.

Visit the traffic station for more information!

