



NC 115 AND LANGTREE ROAD INTERSECTION IMPROVEMENTS

WELCOME to the Public Meeting for the NC 115 (Mecklenburg Highway) and Langtree Road Intersection Improvements Project. Project team members from the Town of Mooresville and the RS&H consultant team are available to answer questions and receive any comments you may have.

PROJECT OVERVIEW

The Town of Mooresville is managing the design and implementation of the U-6249 project as a Locally Administered Project (LAP). The U-6249 project is currently in the State Transportation Improvement Plan (STIP) developed by the NC Department of Transportation (NCDOT). As a LAP, the Town was able to receive federal funding and contribute local funds to initiate the project in the NCDOT STIP and have more ability to manage the project development, design, and funding.

The NC 115 and Langtree Road intersection project is located along the southern edge of Mooresville. These two key corridors connect downtown Mooresville with I-77 to the west and Davidson, Cornelius, Huntersville, and Charlotte to the south.

Congestion in this area has continued to increase resulting in extended delays at this intersection. Over a dozen private developments are planned in the surrounding vicinity which will further increase congestion. The purpose of the project is to create a corridor that can withstand increased traffic congestion with future economic development and enhance livability for surrounding neighborhoods and businesses.

Traffic operations were analyzed through 2031. With no improvements, delays and queues are expected to increase considerably with cars backing up more than half of a mile in all directions. The proposed improvements decrease delays to an acceptable level and reduce queuing by approximately 50 percent during the morning peak hour.

PROPOSED IMPROVEMENTS

- NC 115 North: Extend left-turn lane storage for NC 115 northbound traffic turning onto Langtree Road.
- NC 115 South: Add exclusive left-turn lane and extend storage for the right-turn lane to Langtree Road. This intersection leg also includes an exclusive thru-lane for southbound traffic.
- Langtree Road: Maintain a thru/right-turn lane and add two exclusive left-turn lanes for NC 115 Northbound traffic.

PROJECT TIMELINE

Public Involvement (We are Here)

- Summer 2023

2023



Environmental Document Complete

- Fall/Winter 2023



Advanced Utility Coordination

- Fall/Winter 2023

2024



Right-of-Way Acquisition Begins

- Summer 2024



Construction Begins

- Summer 2026

2026



Project Open to Traffic

- 2028

2028

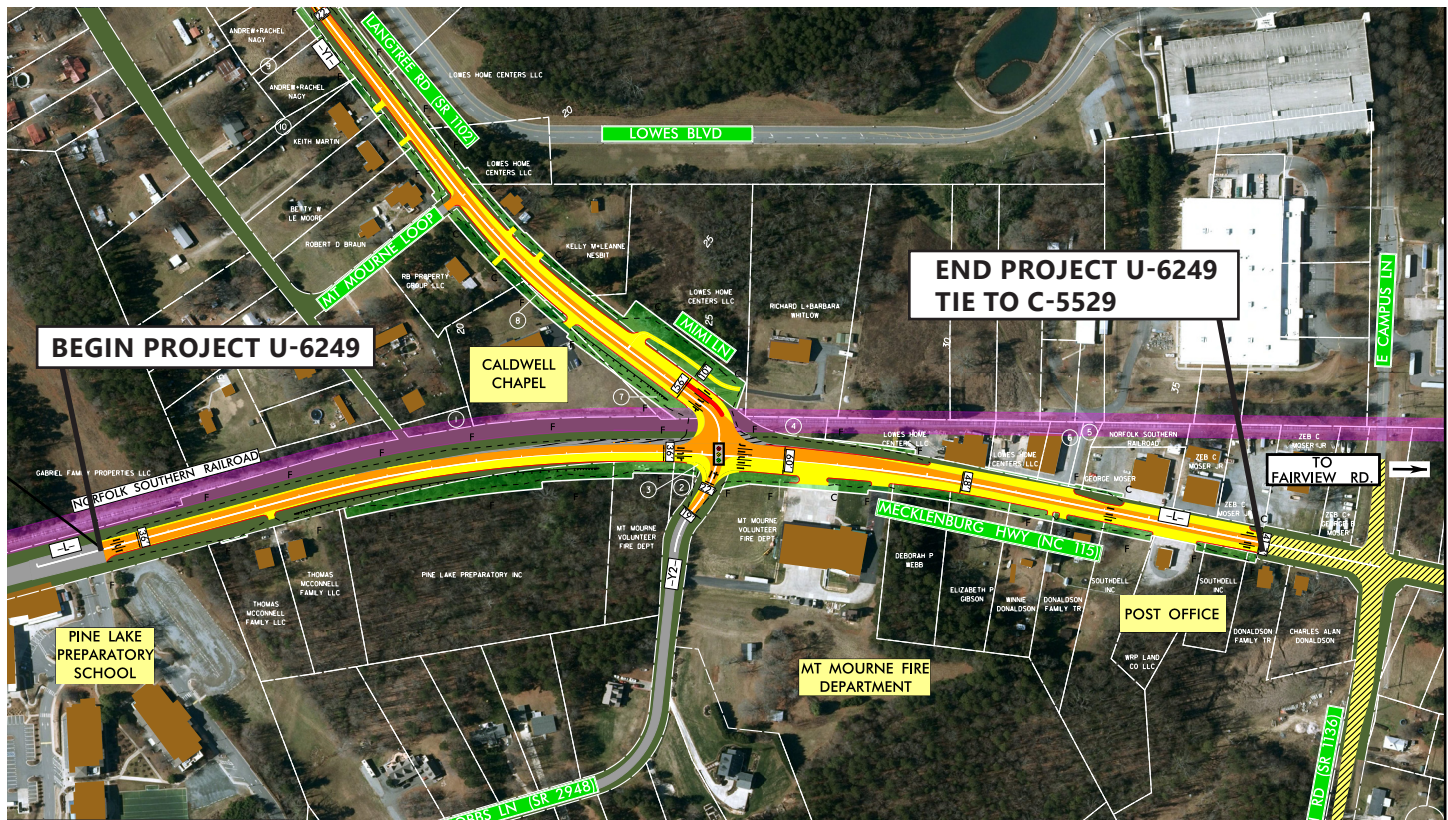


ESTIMATED PROJECT COSTS

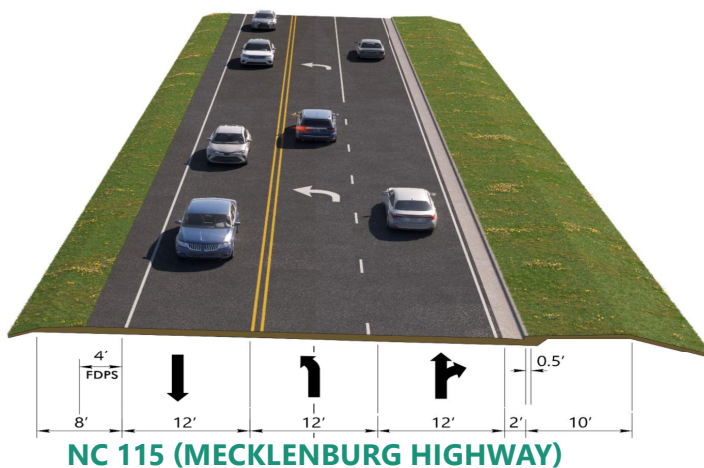
• Right-of-Way	\$ 0.3 M
• Utilities	\$ 2.3 M
• Construction	\$ 5.0 M
• Total	\$ 7.6 M

** Project cost estimates are based on the proposed intersection concept and are rounded to the nearest \$100,000. Estimate is subject to change.*

PROPOSED INTERSECTION DESIGN



PROPOSED TYPICAL SECTIONS



* The Town of Mooresville will provide auxiliary aids and services under the Americans with Disabilities Act for disabled persons who wish to participate in this open house. For any material request or if you would like to schedule an appointment to review materials with Town staff, please contact the Project ADA Representative: Christopher Russell crussell@moorevillenc.gov (704) 662-3524

CONTACT US

Comments and questions are welcomed and may be submitted to:

Camila Weckerly, PE
Town of Mooresville Project Manager
 Email: cweckerly@moorevillenc.gov
 Phone: (704) 799-4064

Tony Gallagher
NCDOT Environmental Analysis Unit
 Email: magallagher@ncdot.gov
 Phone: (919) 707-6069

All comments are requested by June 9, 2023.