



UTILITIES UNIT

NCDOT Technical Services Division



The Utilities Unit supports both central and field-based NCDOT staff for utility-related needs.

The unit coordinates and supports project managers with the relocation, adjustment, removal and addition of utilities and non-utilities along NCDOT highways and rights of way.

Unit staff often serve as the first point of contact to investigate potential utility conflicts that could significantly impact construction.

The unit's knowledge of laws and regulations governing utilities and long-standing partnership with utility owners help pave the way for transportation projects.

Regionalized staff provide area-specific knowledge, connections and service to minimize, mitigate and avoid utilities on projects and save taxpayer dollars.

Contact

Utilities Unit:
ncdotutilities@ncdot.gov

Encroachments:
encr@ncdot.gov

Find utility resources and contacts on our Connect site.

connect.ncdot.gov/municipalities/utilitiespages



Services

- Alternative delivery utility coordination
- Broadband project/plan review, implementation, approval and registration process assistance
- Cost responsibility determination
- Encroachment technical reviews, approvals and permitting
- Guidance and advice for NCDOT unit, utility owner and the public
- Impact mitigation and avoidance
- Policy and procedure development and interpretation
- Utility coordination, engineering and project management
- Permanent utility easement determination
- Utility Agreement Management System support
- Utility and workday estimates
- Utility relocation plan design review



PROJECT EXAMPLES



IMPLEMENTING PERMANENT UTILITY EASEMENTS

The unit saved time and money by shifting utilities away from a grade separation over a railroad onto a permanent utility easement on New Hope Church Road in Raleigh. The shift reduced right of way claims and associated costs, while allowing utility companies to relocate once the easement was acquired.



UTILITY RELOCATION COORDINATION

Through extensive investigation and collaboration with Division 6 on an NCDOT project, we successfully led 10 utility companies to relocate over \$24 million in facilities for Fayetteville Public Works Commission. At the same time, the unit resolved conflicts between power distribution and transmission, sewer and gas lines, and telecommunication and water companies.



UNC PROJECT ENCROACHMENT REVIEW AND APPROVAL

The unit collaborated with UNC Hospitals to execute plans for construction of a new pedestrian bridge connected to the hospital. Staff worked with multiple partners, including design firms, construction companies and the town of Chapel Hill.

