

# Robert L. Frost, PE

## Chief Operations Officer



Mr. Frost has over 13 years of experience in Civil Engineering encompassing all aspects of engineering design and management from conceptual planning through construction administration for infrastructure projects within Charlotte and its surrounding communities. His experience includes water supply/distribution, sanitary sewer, and storm drainage design for both municipal and private clients.

Prior to joining NC Design Solutions, Mr. Frost spent 7 years in consulting and 5 years with the City of Charlotte. He has served in various positions ranging from Associate Design Engineer to Senior Engineering Project Manager. His wide range of responsibilities have included: reviewing and managing water supply/distribution projects during his years as an Engineering Project Manager for

Charlotte Water and being the engineer of record for his own design team consisting of eight design professionals during his time as a Senior Engineering Project Manager for Charlotte Mecklenburg Storm Water Services. During his time with the City of Charlotte, he was able to develop great skill in coordinating with other City and State agencies such as CDOT, City Real Estate, and NCDOT.

### Education

- University of North Carolina at Charlotte, B.S., Civil Engineering, 2005
- Alfred State College, AAS, Architectural Engineering Technology, 2000

### Registrations

- Professional Engineer: North Carolina, 039713

### Special Skills

- Project Management
- Design and Permitting
- Water and Wastewater infrastructure

### Work Experience

- 2017 – Present  
NC Design Solutions, INC
- 2014 – 2017  
Charlotte-Mecklenburg Storm Water Services
- 2012 – 2014  
Charlotte Water (formerly CMU)
- 2005 – 2012  
Merrick & Company

### Specific Project Experience

#### Charlotte Water Liaison for Neighborhood Improvement Projects (NIP)

Reviewed and managed the design and construction of multiple neighborhood improvement projects, ensuring Charlotte Water assets were correctly being improved and or repaired.

#### BLE (LYNX Blue Line Extension) 24” Water Main Extension/Relocation

Reviewed and managed the design and construction of 24” water main extension and relocations along the N. Tryon Street corridor.

#### Arrowood Road 24” Water Main Extension Project

Reviewed and managed the design of Arrowood Road 24” Water Main Extension Project. This project included approximately 6,100 LF of 24” DIP water main.

#### Sulkirk Road 24” Water Main Extension Project

Reviewed and managed the design of Sulkirk Road 24” Water Main Extension Project. This project included approximately 5,600 LF of 24” DIP water main.