



PRIYA RAMANATHAN

PE

Licensed civil engineer with 8 years across municipal stormwater, roadway widening, and site/civil work for mixed-use developments. Lead designer on projects ranging from small intersection retrofits up to a \$14.2M corridor reconstruction. Comfortable owning calcs, permits, and contractor RFIs from concept through closeout.

CONTACT INFORMATION



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Raleigh, NC 12345

EDUCATION

B.S. Civil Engineering, North Carolina State University, 2016

Professional Engineer (PE), NC
#048217, 2020

Certified Erosion & Sediment Control Inspector, 2019

KEY SKILLS

- AutoCAD Civil 3D
- HEC-RAS, HEC-HMS
- MicroStation / OpenRoads
- Stormwater BMP design (SCMs)
- NCDOT & AASHTO roadway design
- Hydraulic & hydrologic modeling
- SWPPP / NPDES permitting
- Construction administration & RFIs
- Bluebeam Revu
- Cost estimating & quantity takeoffs

PROFESSIONAL EXPERIENCE

Project Engineer I 2021 - Present

Beacon Ridge Engineering, Raleigh, NC

- Engineer of record on 11 land development sites totaling 340 acres, including a 480-unit multifamily project that secured permits in 9 months versus the 14-month regional average.
- Designed stormwater BMPs (bioretention, underground detention, level spreaders) sized to NCDEQ and city of Raleigh standards; zero rejections on first SWPPP submittal in the last two years.
- Run a team of 4 EITs and a CAD tech, reviewing redlines weekly and signing off on PE-stamped sheets.
- Cut a client's grading earthwork by roughly 18,000 CY on a hillside retail pad by rebalancing cut/fill and resequencing pads, saving an estimated \$310K in haul-off.
- Lead RFI and submittal responses during construction, averaging 36-hour turnaround across 6 active sites.

Civil Engineer II I 2018 - 2021

Catawba Civil Group, Charlotte, NC

- Designed roadway plans for a 2.1-mile corridor widening on US-21, including geometry, drainage, and signing & striping per NCDOT roadway design manual.
- Modeled hydraulics for 14 culvert crossings in HEC-RAS; revised two undersized structures that would have overtopped in the 25-year storm.
- Coordinated utility relocations with Duke Energy and Charlotte Water across 38 conflict points.
- Mentored two interns through summer rotations; both returned as full-time EITs.

EIT, Site/Civil I 2016 - 2018

Catawba Civil Group, Charlotte, NC

- Produced grading, drainage, and utility plans for 6 commercial sites under PE supervision.
- Ran AutoCAD Civil 3D corridor models for two subdivision road networks (2,400 LF combined).
- Drafted erosion control plans and supported NPDES permit submittals.