

# Alamance Crossing

## Burlington, NC

### RKA Services

- Traffic Impact Analysis
- Signal Warrant Analysis
- Roundabout Analysis
- Traffic Signal Design
- Signal Timing Plans
- Cable Routing / Interconnect Plans
- Transportation Facility (Air) Permitting



Alamance Crossing is a 920,000 s.f. regional shopping center located on University Drive at the I-85 / I-40 interchange in Burlington, NC. Ramey Kemp & Associates provided a traffic impact analysis, a roundabout analysis, and a signal warrant analysis for this development.

RKA also designed traffic signals and electrical details for six intersections between I-40/85, University Drive, and Garden Road involving four new installations and two upgrades for the development. These installations involved metal poles with mast arms and 2070 Eagle SE-PAC type equipment compatible with City of Burlington signal system. All signals will be interconnected with overhead and underground fiber optic communications cable being spliced to existing fiber cable system.

