

RIANNA S. KIRCHHOF, P.E. – PROFESSIONAL PROFILE

POSITION: Senior Project Engineer
Dolan & Dean Consulting Engineers, LLC
181 West High Street
Somerville, New Jersey 08876

PROFESSIONAL REGISTRATION: Licensed Professional Engineer in the following State(s):

New Jersey – License #54558

EDUCATION: Bachelor of Engineering in Civil Engineering, 2011
Stevens Institute of Technology, Hoboken, New Jersey

PROFESSIONAL MEMBERSHIPS: Institute of Transportation Engineers (ITE)
American Society of Civil Engineers (ASCE)

EXPERIENCE: Mrs. Kirchof has been engaged in a variety of traffic engineering projects for the past 8 years in the State of New Jersey. Previously a traffic and design engineer with two other prominent New Jersey consulting firms, Mrs. Kirchof has provided specialized consulting engineering services and in the following areas:

- Traffic Impact Analysis
- DOT Highway Access Permit Acquisition
- Sight Distance Analysis
- Parking Demand/Feasibility Studies
- Traffic Signal Design
- Signing/Striping Design
- Traffic Control/Maintenance & Protection of Traffic Design

TRAFFIC ENGINEERING: Since 2013, Mrs. Kirchof has been responsible for the preparation and oversight of hundreds of studies for proposed developments throughout New Jersey, Pennsylvania, New York, Virginia, Connecticut, Massachusetts, Florida and other various states. These studies typically include examination of existing roadway/intersection conditions, review of existing traffic volumes and travel patterns, estimation of trip generation and development of future traffic volumes, analysis of existing and projected traffic conditions, conceptual layout/design of roadway/intersection improvements, and conceptual site layout/design, for the following types of projects:



- Residential developments including single-family subdivisions, townhouse/condominium developments, and age-restricted (retirement) communities
- Neighborhood and regional retail developments
- Office buildings, medical/dental office buildings, office parks, industrial parks, and "flex" space developments (office/warehouse)
- Drive-in banks and drive-thru ATM facilities
- Public storage facilities
- Auto dealerships and repair facilities
- Fast-food restaurants, high-turnover sit-down restaurants and quality restaurants
- Catering halls
- Convenience stores with and without gas
- Pharmacies with and without drive-thru
- Mixed-use developments
- Child care centers
- Fitness centers

EXPERT

TESTIMONY:

Mrs. Kirchhof has qualified as an expert witness and presented sworn testimony before municipal governing bodies, planning and zoning boards in the municipalities and states shown below:

In New Jersey -

Bloomfield Township
 Newark City
 Monroe Township
 Bound Brook Borough
 Scotch Plains Township
 South Plainfield Township
 Egg Harbor Township
 Borough of Closter

