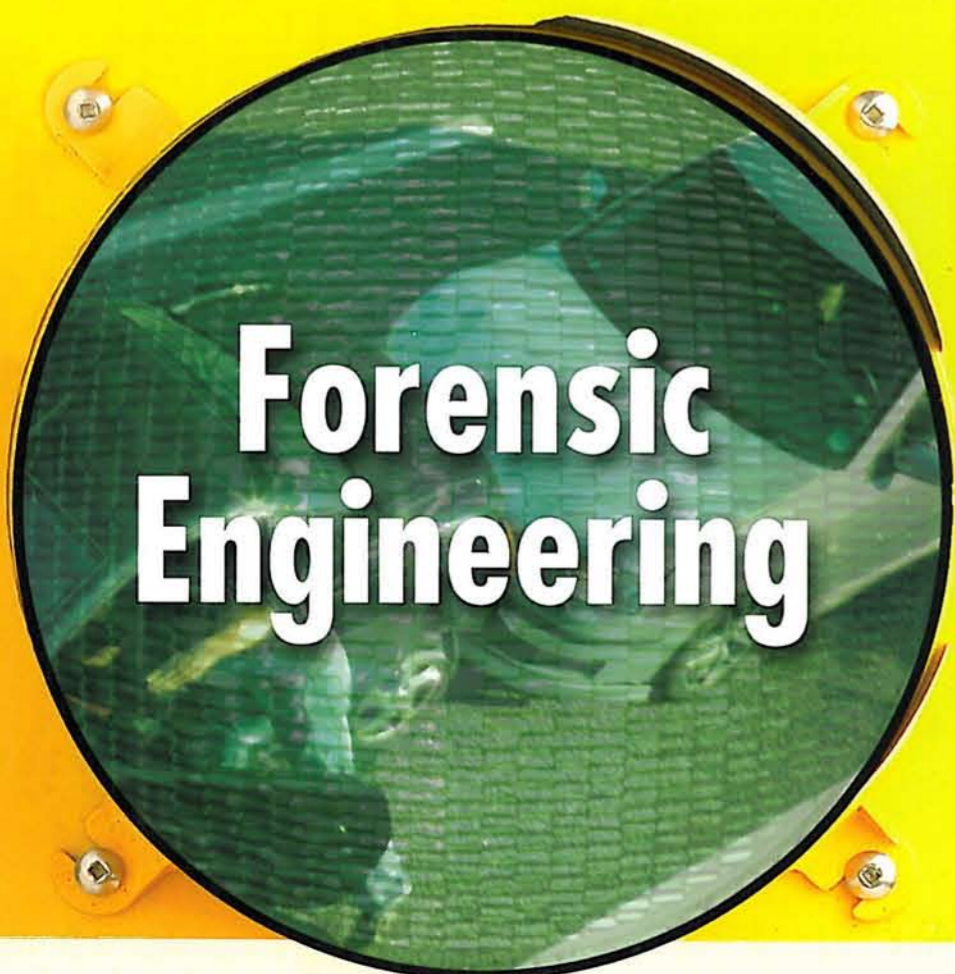




# Civil Engineering



# Traffic Engineering



# Forensic Engineering

# Schneider Engineering, PLLC

*Schneider Engineering is a Full Service Civil Engineering Firm*

Since 1988, Schneider Engineering has served the public and private sectors with a complete range of civil engineering services. Schneider Engineering's goal is to provide, in a timely and cost-effective manner, the finest professional analyses available, employing state-of-the-art technology. We're proud of our senior team's combined 96 years of experience.

## Civil Engineering

Schneider Engineering can assist with all aspects of design and/or redesign of commercial and residential sites during initial construction or redevelopment. Schneider Engineering demonstrates expertise in:

- Project coordination
- Review and approval of shop drawings and test results submitted by contractors
- Storm and sanitary sewer design
- Field inspection of on-site and off-site drainage and paving
- Design/Redesign of:
  - Parking
  - Drainage
  - Lighting
  - Landscaping
  - Curbs and sidewalks
  - Landfills
- Plans and specifications for commercial building construction including site work
- Review of construction techniques
- Development/review of site plans for code and regulation compliance and efficiency of operation

## Traffic Engineering

Traffic mitigation and road improvement are specialties of Schneider Engineering, including:

- Traffic signal design for improved traffic flow and traffic safety
- Design of roadway improvements
- Design of paving improvements
- Design and layout of roadway drainage projects and improvements
- Modification of sanitary system design
- Traffic impact studies
- Engineering analysis
- Site design
- Traffic and highway engineering
- Zoning studies
- Parking designs
- Design, construction and maintenance of highways and bridges

## Forensic Engineering

Forensic traffic review is an area of expertise at Schneider Engineering. Our engineers are recognized by leading law firms as traffic safety experts. We have been involved in high profile cases where our expert review and evaluation of road design and accident analysis has been utilized to determine where failure resulted.

As part of Schneider Engineering's Forensic Traffic Engineering Program the following services are offered:

- Traffic accident and reconstruction analysis via vehicle dynamics, mechanics and road characteristics
- Sight lines review
- Signal timing
- Gathering of field data
- Drawings to determine validity of statements
- Traffic flow evaluation
- Safety of road evaluation
- Traffic impact studies
- Traffic pavement marking and signage design
- Parking review
- Pedestrian accidents

### Other Services:

- Real property condemnation
- Presentation to public boards and community groups
- Coordination with governmental agencies and jurisdictions
- Building depreciation

**Expert professional testimony for private clients and public municipalities, accepted at most levels of government/towns/villages/counties including:**

- Town of Brookhaven
- Town of Riverhead
- Town of Babylon
- Town of Hempstead
- Town of Islip
- Town of North Hempstead
- Town of Oyster Bay
- Town of Smithtown
- Town of Southampton
- Town of Southold
- Village of East Hills
- Village of Garden City
- Village of Patchogue
- Village of Westhampton Beach
- Village of Southampton
- Nassau County
- Suffolk County
- Erie County
- New York State Dept. of Transportation
- Suffolk County Supreme Court
- Nassau County Supreme Court

### Representative for Insurance Companies:

- |                 |                        |
|-----------------|------------------------|
| Acadia          | Liberty Mutual         |
| Aetna           | Metropolitan           |
| Allstate        | Nationwide             |
| Amica           | Progressive            |
| Cigna           | Prudential             |
| Country-Wide    | Royal                  |
| Crum and Foster | State Farm             |
| GEICO           | St. Paul Fire & Marine |



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