

## **OTHER SERVICES:**

WATER FACILITIES ENGINEERING

WASTEWATER ENGINEERING

MUNICIPAL ENGINEERING

TRAFFIC & TRANSPORTATION

PLANNING & SITE DESIGN

ENVIRONMENTAL ENGINEERING

SURVEYING

CONSTRUCTION ADMINISTRATION & OBSERVATION

TECHNOLOGY

GIS & IT

GRANTS & FUNDING

## **STRUCTURAL ENGINEERING**

**DEPARTMENT MANAGER  
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### **Northampton County Office**

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### **Somerset County Office**

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**Carroll  
Engineering  
Corporation**

# **STRUCTURAL ENGINEERING**

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**RAPID RESPONSE TIMES  
EXCEPTIONAL SERVICE  
ADAPTIVE TO CHANGING NEEDS**

## WELCOME TO OUR STRUCTURAL ENGINEERING DEPARTMENT

Carroll Engineering's broad structural engineering services and capabilities extend to designing and analyzing existing and proposed structures, including bridges, culverts, buildings, industrial plants, parking facilities, and other infrastructures. Our bridge design expertise ranges from multiple-span steel or concrete bridges on state and local highways to bridges on private property to single-span pedestrian bridges. CEC's Structural Department also performs National Bridge Inspection Standards (NBIS) structural inspections and load ratings of bridges and culverts. We specialize in NBIS inspections, damage assessments, emergency repairs, and construction expertise, including single and multi-story buildings, water facilities, and roofing.

## WHAT WE DO

- **Bridge Design and Rehabilitation**
- **Deep Foundations**
- **Retaining Walls**
- **Parking Garages**
- **Building Design and Renovations**
- **Bridge and Building Condition Assessment**
- **Pump Station, Treatment Plant, and Storage Tank Design**
- **Recreational and Park Structures**



*"Quality is a state of mind and our driving force here at Carroll Engineering Corporation is to continuously provide the best level of experience to all of our clients. We strive to exceed expectations, build long lasting relationships, and utilize our projects to better each of our surrounding communities. Our departments within the firm act as consultants to each other, thus integrating all our knowledge, skills, and experience to ensure the most practical, efficient, and sophisticated solutions to every challenge. We identify and address potential problems at the earliest planning stage, then employ our innovative design approach for preventing difficulties and bringing our clients' projects to their satisfying completion. Thank you for entrusting our team with your projects and communities. We sincerely look forward to seeing and sharing in your success for years to come."*

A handwritten signature in black ink, appearing to read "Allen B. Mason".

~Allen B. Mason P.E., President

