

# BRIDGES AND STRUCTURES

The recent addition of Bridges and Structures services underscores our commitment to delivering innovative and sustainable infrastructure solutions that meet your evolving needs. The ATCS bridge engineering team has extensive experience handling various bridge types and design opportunities. With their expertise, we are ready to serve as your trusted advisor and deliver exceptional outcomes for your upcoming projects.

## SERVICES

- BRIDGE DESIGN
- REPAIR & REHABILITATION
- PRESERVATION
- BRIDGE REPLACEMENTS
- SAFETY INSPECTION
- EXISTING BRIDGE ANALYSIS
- LOAD RATING & STRUCTURE EVALUATION
- CONSTRUCTION SUPERVISION
- ACCELERATED BRIDGE CONSTRUCTION (ABC) TECHNOLOGIES
- INTEGRAL ABUTMENTS
- CULVERTS
- RETAINING WALLS & NOISE WALLS
- SIGN STRUCTURES
- DYNAMIC MESSAGE SIGN (DMS) STRUCTURES
- SUBCONSULTANT REVIEWS

## KEY PERSONNEL



**Husam Obeid** PE, CBSI

**Associate Vice President, Structural Engineering (Bridges)**

Husam has 34 years of experience performing structural design services, including working on multi-span steel and prestressed and reinforced concrete bridges, culverts, retaining walls, and drainage structures. At ATCS, he leads the design and rehabilitation of bridges and highway-related structures, focusing on minimizing environmental impacts.

**Email:** [hobeid@atcsplc.com](mailto:hobeid@atcsplc.com) | **Phone:** 717-915-7561



**Aaron Craig** PE, CBSI

**Director, Structural Engineering (Bridges)**

Aaron has 22 years of structural and bridge engineering expertise, serving public, private, and institutional clients. At ATCS, his responsibilities include identifying and pursuing bridge-related design contracts, strengthening and building relationships with bridge owners and builders, and executing the design and delivery of outstanding bridge projects for clients and communities.

**Email:** [acraig@atcsplc.com](mailto:acraig@atcsplc.com) | **Phone:** 717-400-9979