



# CIVIL & STRUCTURAL FOR SUBSTATIONS

We offer complete civil and structural engineering services for substation and transmission projects. With extensive electric utility experience, our team has the unique knowledge necessary to provide safe, constructible and functional designs ensuring the reliability of your facility.

## CIVIL ENGINEERING

- Site development and stormwater management
- Access road design
- Secondary oil containment design

## STRUCTURAL ENGINEERING

- Steel and aluminum structure design
- Structure condition assessments, evaluations, and retrofits
- Steel lattice structure evaluations and retrofits
- Rigid bus design and finite element modeling
- Shallow and deep foundation design

## CONSTRUCTION PHASE SERVICES

- Specifications, bid documents, and contracts
- Submittal review and RFI resolution
- Construction inspections
- Record drawings



**EMPOWERING ENERGY SOLUTIONS**  
for the future...today

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