

# ASCE Electrical Structures Foundation Manual



- Manual is in Second Review Phase and going out to Panel Review
- Aim of manual is to create uniformity to foundation design approach across the Electrical Transmission and Distribution Industry.
- Manual includes 18 Chapters ranging from Foundation Selection and Loads/Performance to specific foundation design approaches.
- Foundation Types Covered
  - Drilled Shafts
  - Direct Embed
  - Large Diameter Steel Pipe
  - Driven Piles
  - **Micropiles**
  - Helical Piles
  - Auger Cast Piles
  - **Tension Only Anchors**
- Micropiles (cased and hollow bar) covered in Micropile and Tension Only Anchor Chapters
- Incorporates much of the FHWA approach with updates for high strength bar and testing
- Added chapter to cover corrosion in more detail