



## UNDERGROUND TRANSMISSION

Booth & Associates has completed a wide range of underground electric utility projects for Investor Owned Utilities, Municipalities, Cooperatives, and various commercial/ industrial customers. These projects have included conduit and duct bank systems, high voltage cable specifications and design, cable termination specifications, as well as complex routing and grounding assessments.

As a result of our experience and leadership in designing underground electric facilities, Booth has been retained to write several underground electric design and installation manuals. These manuals have been developed for various utilities including the National Rural Electric Cooperative Association (NRECA) and the Electric Power Research Institute (EPRI). Booth professionals are continually providing training, through schools and seminars, on the topics of underground electric utility design and installations, along with the National Electric Safety Code (NESC).

### AREAS OF SPECIALTY

- Overhead to Underground Conversion
- Duct Bank and Conduit System Design
- Preparation of Material Lists and Specifications
- Cable and Equipment Sizing
- Labor Contract Preparation and Administration
- Routing, Feasibility, and Planning Studies
- Bridge Attachment Projects
- Highway Relocation Projects
- Local, State and Federal Permitting
- Detailed Cost Estimating
- Facility Condition Assessment
- Right-of-Way Acquisition
- Design and Property Surveys
- Design / Build Capability

### PRIMARY CONTACTS



**DAVID HUFFSTETLER**  
*Senior Vice President*



**BILL JORDAN, PE**  
*Vice President*  
*Planning & System Studies*



**JOHN B. WILLIAMS, PE**  
*Vice President*  
*Baltimore Office*

