



ENGINEERING SERVICES

TRANSMISSION, DISTRIBUTION, SUBSTATION, & JOINT-USE

EDM PROVIDES A WIDE RANGE OF CIVIL AND ELECTRICAL ENGINEERING/DESIGN SERVICES. OUR TEAM STRIVES TO DEVELOP LONG-LASTING COLLABORATIVE RELATIONSHIPS WITH OUR CLIENTS. WE ARE COMMITTED TO DELIVERING SAFE, ECONOMICAL, AND TRUSTWORTHY ENGINEERING AND DESIGN SERVICES.

NEW, UPGRADE, & RETROFIT DESIGN/ENGINEERING

- Overhead and underground design
- Structural/seismic analysis and design
- Foundation design
- System hardening for extreme weather events and wildfire risks
- Owner's engineer (OE) services
- Finite element (RISA 3D, SAP 2000) modeling and analysis

CUSTOM-ENGINEERED STRUCTURES & FOUNDATIONS

- Monopoles, H-frames, Y-frames, and towers
- Cast-in-place drilled pier, direct embedment, mat/slab, rock anchors, helical piles, and micro-piles
- Fabricator coordination

LINE & STRUCTURE MODELING/ANALYSIS

- PLS-CADD/POLE, SPIDACalc, and O-Calc Pro
- Modeling from LiDAR or ground survey
- Criteria files and materials library
- Clearance analyses
- Custom job package

EDM INTERNATIONAL, INC.

4001 Automation Way | Fort Collins, CO 80525

P: 970.204.4001 | tdeng@edmlink.com | www.edmlink.com



JOINT-USE ENGINEERING & FIELD SERVICES

- Make ready work
- Owner's engineer (OE) services
- NESC and G.O. 95 code compliance
- One Touch
- Underground layout/permitting
- 5G and wireless equipment installations
- Data collection, audits, and post-construction inspection

ELECTRICAL ENGINEERING

- Protective relaying and control upgrades
- System protection and coordination
- Power quality/reliability studies
- System modeling and load flow analysis/forecasting
- Substation and field equipment testing, checkout, and commissioning

INSPECTION, ASSESSMENT, & CONSTRUCTION OVERSIGHT

- Aged infrastructure
- UAS inspection, inventory, data collection, and site monitoring: PhoDAR and LiDAR
- Failure investigation and analysis
- Engineering construction support and monitoring
- Pre/post inspection, and QA/QC
- As-built drawings

STANDARDS/CODES INTERPRETATION & DEVELOPMENT

- Engineering reviews
- Material specifications
- Design and construction standards
- G.O. 95, NESC, IEEE, ASCE, ASTM, DFI, etc.
- 2-D and 3-D drafting

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