



TRANSMISSION STRUCTURE INSPECTION REVIEW

CLIENT: Confidential

LOCATION: New England

PROJECT DETAILS

Each year, RLC Engineering supports one of its major utility clients by conducting a Structure Photo Review Analysis. The client designates selected transmission lines within its network for inspection. Using photographic data collected through both aerial and ground-based methods, each transmission structure is initially assigned a rating based on observed field conditions.

RLC performs a secondary review of the photographic records to validate field-identified issues and identify any additional deficiencies not originally noted. Based on this review, RLC either confirms the initial rating or assigns a revised rating to reflect the complete set of identified issues.

In total, 17,015 field-identified issues within the client's transmission system were reviewed. Through RLC's detailed evaluation process, 2,253 additional issues were identified.

Overall, 12,090 structures across 503 transmission lines were reviewed.

SCOPE OF SERVICES

- Reviewed photographic records of designated transmission structures
- Verified and validated field-identified issues
- Identified additional deficiencies not captured in field assessments
- Assigned and updated structure ratings based on observed conditions
- Provided detailed reporting on issue severity and prioritization
- Delivered actionable data to support client maintenance and reliability planning