



Case Study: Gas Transmission HCA Encroachments

CUSTOMER

TIER ONE IOU WITH MILLIONS OF ELECTRIC AND GAS CUSTOMERS

PROJECT

GAS TRANSMISSION HCA ENCROACHMENTS

ISSUES, CHALLENGES & GOALS

Gas transmission systems wind through much of highly populated areas. Identifying potential man-made and vegetation encroachments within their ROW has not been completed successfully for many years.

SOLUTION DESCRIPTION

- Drive and capture 360° imagery and LiDAR of approximately 600 miles on their Gas Transmission system
- Perform data analytics to extract poles, attachments, vegetation, streetlights, and man-made structures such as sheds, pools, additions with critical attributes

IMPACT & BENEFITS

600 miles of accurate, detailed feature and encroachment data that enabled the client to prioritize the remediation of HCA's to ensure public safety