



RESOLVING TRANSMISSION LINE OBSTRUCTIONS USING ADVANCED TECHNOLOGY

OBJECTIVE

- **Identify the Unknown Object:** Quickly and accurately determine the nature of the object obstructing the transmission line route.
- **Avoid Rerouting:** Prevent the need for complex and costly reroutes of the proposed transmission line.
- **Maintain Project Schedule:** Ensure that the project can proceed without further delays.
- **Preserve Budgetary Integrity:** Prevent budget overruns by resolving the obstruction efficiently.



"At Halo Land Management, our commitment to leveraging advanced technology truly sets us apart. By using cutting-edge, we eliminate delays and provide our clients with immediate, data-driven insights. This tech-driven approach allows us to deliver faster and more accurate results, ensuring our clients can move forward with confidence."

STEVE WOLF

Field Agent, ROW

INTRODUCTION

In the rapidly evolving energy sector, timely project execution is crucial to maintaining infrastructure development and meeting energy demands. Halo Land Management was approached by a major electric transmission company facing delays due to an unidentified object obstructing a proposed transmission line route. Leveraging advanced technology and innovative problem-solving, Halo provided a swift and effective solution, showcasing the power of technology-driven land management.

BACKGROUND

The electric transmission company was encountering a significant challenge with a proposed transmission line. Aerial imagery had revealed an unknown object lying directly in the path of the line, appearing to be a small building or shack. This unknown obstacle posed severe risks of project delays and budget overruns. The project was already behind schedule, and reroutes were complex, potentially causing further setbacks and financial strain. Multiple service brokers had been consulted, but none could provide a definitive identification of the object.

APPROACH

Deployment of GIS Technology:

- Halo provided the client with access to our advanced GIS platform, enabling real-time project status updates and seamless communication among stakeholders.

Field Collector Tools:

- Halo equipped our ROW teams with field collector tools on iPads, allowing for precise field data collection and integration with the GIS system.

On-Site Investigation:

- Our team swiftly mobilized to the site, utilizing the field collector app to conduct an on-ground investigation of the proposed line and the unknown object.

Rapid Identification and Reporting:

- Within four hours, our team identified the object as stack of old mattresses, not a building or shack. The finding was tagged in the GIS Field Collection Map, and the information was immediately communicated to the client.



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RESULTS

- **Timely Resolution:** The object was accurately identified within four hours, allowing the project to proceed on schedule without rerouting.
- **Cost Avoidance:** The client avoided significant budget overruns by eliminating the need for complex reroutes.
- **Improved Project Efficiency:** Halo's technology-driven approach streamlined the identification process and provided the client with swift, accurate insights.
- **Strengthened Client Trust:** The rapid and effective solution reinforced the client's confidence in Halo's capabilities.

CONCLUSION

Halo Land Management's use of advanced technology and innovative field solutions effectively resolved a potentially costly and time-consuming challenge for our client. By identifying the obstacle swiftly and accurately, we enabled the project to continue without further delays, underscoring the value of our technology-driven approach to land management.

KEY TAKEAWAYS

- **Tech-Driven Solutions:** Halo uses a variety of cutting-edge technologies, including GIS platforms and field collector tools, to provide fast, accurate solutions for complex land management challenges.
- **Eliminating Delays:** Clients no longer have to wait for field crews to be scheduled for site visits. Our tech-driven approach allows us to make data-driven decisions quickly, minimizing project delays.
- **Comprehensive Partnering:** When clients partner with a company like Halo, they benefit from a team that understands the value of technology in land management, providing reliable and timely solutions.
- **Enhanced Decision-Making:** Our use of technology ensures that decisions are based on precise data, allowing clients to proceed with confidence and without unnecessary delays.

FUTURE IMPLICATIONS

The successful resolution of this project sets a precedent for future engagements, emphasizing the importance of technology-driven solutions in land management. Halo's approach not only enhances project efficiency but also strengthens client relationships, positioning us as a leader in delivering effective, innovative solutions across the energy sector.