

# SALVAGE AND SAVE: A SUSTAINABLE APPROACH TO COPPER RECLAMATION FOR A TIER 1 CSP IN NORTH AMERICA

## Scope

Analyze the copper network data from legacy systems to find copper cables with non-working or limited circuits. After conducting a cost and savings analysis, remove or extract them to ensure a return on investment.

## Key Activities

### Research

Copper cable networks over 5000 ft and exceeding 900 pairs are recommended for potential salvage value versus removal costs.

Feasibility and savings analysis from ROI perspective

### Design

Approve a research package to develop designs in the GIS system for copper cables targeted for removal from the field during construction.

Create required Permits and TCPs enabling the removal process

Reduced Maintenance Cost

45% ROI

2 Mn FT Copper in 2 States to date

Cleared Pathways for Fiber

## Business Outcomes Realized

- Successfully analyzed and identified 2 Mn ft Copper for Reclamation from TN/KY
- Implementing/extending this scope to all other states
- Net revenue savings: 29%

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