

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

60 Mn FT Copper
in across
multiple states
to date

Cleared
Pathways
for Fiber

Business Outcomes Realized

- Successfully analyzed and identified 60 Mn ft Copper for Reclamation across multiple US states
- Implementing/extending this scope to all other states
- Net revenue savings: 29%

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