

# 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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