

### Capitan, New Mexico



**Client:** Master/AT&T

**Location:** Capitan, New Mexico

**Date:** November 2019

#### **Product:**

Mastec/AT&T needed to install an 85' pole on an isolated mountain top in Capitan, NM. The 15 mile unmaintained dirt road to the site made the installation a challenge. ARE Telecom Inc was contracted to install our AFS 1700 ballasted foundation system with a 85' self-raising monopole to support AT&T communication antennas.

#### **Solution:**

ARE Telecom's AFS 1700 ballasted foundation system is designed to fit in a container and was brought to the mountain top by truck and trailer. ARE's hydraulic system raised the pole without use or cost of a crane.

#### **Benchmarks:**

- Crew flexibility and equipment availability allowing for installation under challenging time constraints
- On-site modifications to increase system capacity
- Prepare compacted gravel base and assemble ballasted foundation
- Install 85' self-raising monopole to support AT&T
- antennas

#### **Challenges:**

- Site isolated on a mountain top
- 15 miles of unmaintained dirt road
- Site not accessible by a crane
- Rapid installation required

#### **Project Resources:**

- 3 Person crew
- Dump truck
- Trailer
- Pick-up truck
- Skid steer
- Tele-handler
- Hand-tools

#### **ARE CONTACT INFORMATION:**

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# AFS 1700



Ballast Foundation - 85' Self-Raising Pole

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Case Study