

AFS 1700 Ballast Foundation and 85' Self-Raising Pole For Mastec/AT&T Capitan, NM



OVERVIEW

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.

Project 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

Dump Truck, Trailer, Pick-up Truck, Skid Steer, Telehandler, ARE's 3 Person Crew, Hand-Tools



AFS foundation and pole arrive in a container



System brought to mountain top



Preparing pad for foundation



Pad completed and Kingpost set



Base trays set



Truss arm assembly



Side-walls set



Foundation with ballast



Pole raised with ARE hydraulic system



AFS 1700 foundation & 85' pole installed