

AFS 500 Ballasted Foundation and 60' Self-Raising Monopole Tower

Elmsford, NY



CHALLENGES

- Fast deployment
- 2 year temporary installation
- Small foot print of foundation
- Easy installation and maintenance thanks to the self-raising pole

OVERVIEW

ARE Telecom was contracted by Vantage Associates to install and lease our AFS 500 ballasted foundation system with a 60' self-raising monopole tower. Our customer needed an immediate solution to install 3 telecom antennas on a 60' pole for a period of 2 years.

SOLUTION

ARE AFS 500 self-raising system provided a fast and practical solution. Designed for temporary or permanent installation, the pole can be raised and lowered with a motorized screw jack eliminating the need for a crane. The system, readily available from ARE's inventory, took just half a day to install. After the 2 year lease, the AFS 500 will be disassembled, and returned to ARE's warehouse for its next deployment.

Project benchmarks:

- Crew flexibility and equipment availability allowing for installation under challenging time constraints
- Mobilize all equipment, tools and ballast
- Install AFS 500 and 60' self-raising monopole to support antennas.

Project Resources:

3 Man Crew, 5 Hours, 1 Skid Steer



Innovative Solutions for Pole Structures

AFS 500 SYSTEM INSTALLATION



AFS 500 foundation assembly



AFS 500 with pole and ballast



Installation of antennas



Antennas installed on pole



Electric wires through hand hole



Motorized screw jack raising pole



AFS 500 foundation & 60' self-raising pole installed

