

AFS 1100 Ballast Foundation and 80' Self-Raising Pole

Iowa City, Iowa – Iowa Hawkeye Football Stadium



OVERVIEW

ARE Telecom was contracted by Verizon to install and lease our AFS 1100 ballasted foundation system with a 80 foot self-raising monopole to support a communication antenna during Iowa Hawkeye football games.

SOLUTION

ARE's versatile AFS 1100 system was the perfect fit for this project. Thanks to its small foot print, the system could be installed between 3 walls in a limited space.

Deployed over a weekend, the 80' pole can support up to 2 sets of antennas. No crane needed with its hydraulic raising system. Permanent or temporary, the AFS 1100 can be disassembled, and returned to ARE's warehouse for it's next deployment.

Project benchmarks:

- Crew flexibility and equipment availability allowing for installation under challenging time constraints
- Mobilize all equipment, tools and ballast
- Level base to set foundation
- Install hydraulic system and 80' self-raising monopole to support 1 antenna

PROJECT RESOURCES

4 Man Crew, 12 Hours, 1 Skid Steer, 1 Tele-handler



CHALLENGES

- **Limited space and access.** Foundation was preassembled and moved into location.
- **Significant logistics planning due to college campus' restrictions**
- **Short notice / Quickly deployed over a weekend**



Leveling installation site



Preassembly of the base



Foundation moved to site



Foundation side walls assembly



Foundation with ballast



Self-raising slip joint pole assembly



AFS 1100 foundation & 80' self-raising pole installed

