

Ballast Foundation - 100' Flanged Monopole

Lewis County, New York



Client: Crown Castle

Location: Lewis County, New York

Date: Sep 2020

Product:

ARE Telecom was contracted by Crown Castle to design and install our AFS 1900 ballasted foundation system with a 100' flanged monopole to support a communication antennas. Customer asked to design system to accommodate future pole sections and antennas. Installation was remote, had a small footprint and work space was tight.

Solution:

ARE designed and manufactured a customized monopole for Crown Castle to be installed on AFS 1900 foundation that is now 100', but can support additional pole sections up to 140'. Permanent or temporary, the AFS 1900 can be disassembled, and returned to ARE's warehouse for its next deployment.

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 person crew
- 12 hours
- Skid Steer
- 1 tele-handler
- 1 crane

Challenges:

- Customized 100' pole that could support additional pole sections.
- Significant logistics planning due to college campus' restrictions.
- Installation was in small space and small footprint of foundation required.

ARE CONTACT INFORMATION:

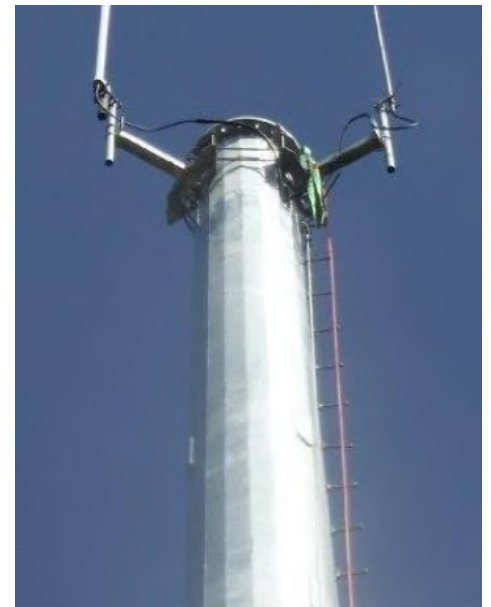
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AFS 1900

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