

Ballast Foundation - Self-Raising Monopole

## Santa Rose, California



**Client:** Crown Castle

**Location:** Santa Rose, California

**Date:** July 2019

### Product:

ARE Telecom was contracted by Crown Castle to design, manufacture and install our AFS 400 ballasted foundation system and tilt-up/self-raising monopole to support communication antennas for a temporary installation in Santa Rosa, California.

### Solution:

ARE designed a pole per Crown Castle requirements and matched it with our AFS 400 foundation system. The small foot print of the AFS 400 helped in the permitting process for an installation in a small urban parking lot.

The foundation and pole were off-loaded and installed in 20 man hours. The self-raising pole made it possible for the antennas to be installed on the ground and be erected without the use of a crane. This versatile quick install system sits above ground and has a small footprint of 12m<sup>2</sup>. It is certified to TIA 222 rev G and used for both permanent and temporary installations.

### Benchmarks:

- Crew flexibility and equipment availability allowing for fast installation on short notice
- Antennas installed on ground level eliminating need to climb
- Install AFS 400 foundation and pole within very tight footprint and without use of crane

### Project Resources:

- 2 person crew
- 1 day assembly of foundation & pole
- 1 skid steer
- Local aggregate base used for ballast

### Challenges:

- Finding Limited space and access.
- Significant logistics coordination due to offloading, storage and work space limitations.
- Quick to install, non-evasive system to meet strict local permitting requirements.

### ARE CONTACT INFORMATION:

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# AFS 400

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