



# Modernizing infrastructure to prepare for tomorrow.

Fort Drum is a U.S. Army garrison and a census-designated place (CDP) in Jefferson County, New York. Home to the 10th Mountain Division, the base provides a full range of training and base operations support to all service branches, eleven states and parts of Canada. Fort Drum's base serves over 26,500 Reserve and National Guard members as well as personnel from other federal, state and local agencies. Fort Drum needed a solution that would modernize their infrastructure and provide faster, more reliable on-base communications.

## The Need

To better serve the thousands who live and work on the base, Fort Drum wanted to improve connectivity across the 30-square-mile compound, which is similar in size to a small city. The first step was to consolidate the assets of multiple carriers into a single, more permanent structure and provide a fiber conduit design that would connect to existing underground access points. Fort Drum needed a contractor who was able to meet the high standards and stringent requirements for building a new tower site on military property.

## Name

**Fort Drum**

## Location

**Jefferson County,  
New York**

## Industry

**Government**

## Size

**+26,500 Reserve  
and National Guard  
members**

## Solution Used

**Towers**



## The Solution

We worked closely with the officials at Fort Drum to create a solution that would include a new tower design as well as all necessary fiber conduits to support their connectivity demands now and in the future. By thinking ahead, we helped save money on trenching and installation costs, consolidate excavation work to a single event and lessen overall impact to the site. This new design also provides easier access for equipment upgrades and growth, allowing for greater capacity in the future with less downtime.

## The Impact

- › The new infrastructure ensures that personnel and visitors have the reliable coverage they need while on-base.
- › The improved connectivity has created a boost in overall morale on base and, now, recruits have the coverage they need to stay in touch with family and friends.
- › The new solution promises Fort Drum is now set up for future 5G/6G networks.



Various stages of the project beginning with the first tower installation.

## Why Crown Castle?

When you work with us, you get a partner who is dedicated to understanding your needs and delivering a solution to run your organization today—while setting the stage for tomorrow's most transformative innovations.

### Expertise

Over the last 30 years, we've built and maintained the nation's largest portfolio of shared communications infrastructure.

### Consultation

We take the time to carefully consider all your needs and deliver a solution that meets your business requirements and opens up new opportunities.

### Service

Our locally based service teams work closely with you to consult, design and deliver solutions that meet your needs, while our state-of-the-art Network Operation Center works around the clock to keep your network running.

### Stability

We are the last owner of our networks, and an S&P 500 company with a history of building and operating infrastructure around the country.



Crown Castle owns, operates and leases more than 40,000 cell towers and approximately 90,000 route miles of fiber supporting small cells and fiber solutions across every major US market. This nationwide portfolio of communications infrastructure connects cities and communities to essential data, technology and wireless service—bringing information, ideas and innovations to the people and businesses that need them.