



State of New York County of Broome Government Offices

Broome County Office of Emergency Services
Jason T. Garnar, Executive - Patrick E. Dewing, Director

MEMORANDUM

To: Public Safety & Emergency Services Committee
From: Patrick E. Dewing
Date: December 6th, 2021
Re: Public Safety Radio System Update

Overview

Since the last report in May of 2021, we have made substantial progress on the construction of the remaining tower sites. I am happy to announce that Kirkwood and Deposit are the last two tower sites under construction. The Kirkwood site will be receiving electric this week and the Deposit tower will be erected within the next week.

Emergency Services has continued to conduct weekly meetings with our vendors to promote communication and project awareness. While our target was to cutover to the new system in the Spring of 2022, we are more realistically looking at the Summer / Fall of 2022. This delay is the direct result of battery shortages and extended delivery times.

Leasing Opportunities

Ingraham Hill Tower – Verizon has expressed interest in entering a lease agreement at Ingraham Hill tower.

Public Safety Tower – Dish Network has expressed interest in entering a lease agreement at the Public Safety tower.

Physical Infrastructure

Kirkwood and Deposit are the only remaining towers under construction.

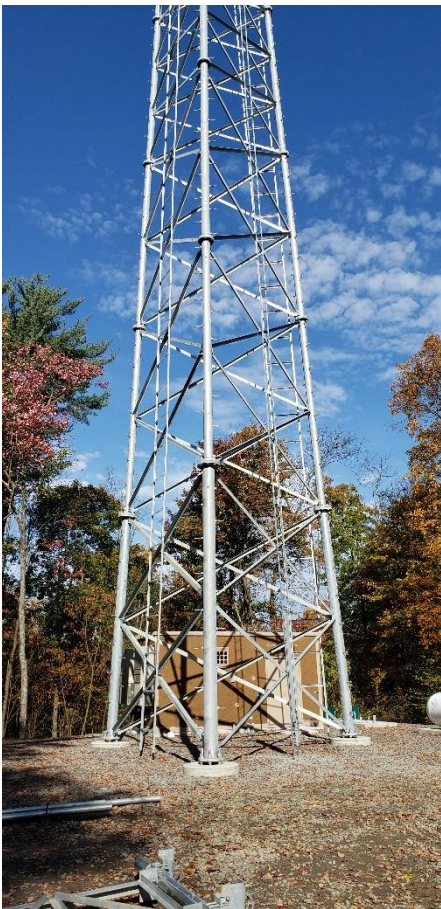
Completed Towers:

- Ingraham Hill Tower
- Pease Tower
- Kopernik Tower
- Andrews Tower
- Old State Road Tower
- Hawkins Town
- Union Tower

Completed Tower Continued:

- Lisle Tower
- Maine Tower
- Ely Park Tower
- Nabinger Tower
- Sanford Tower
- Laurel Lake Tower
- Windsor Tower

Kirkwood Tower Site



Road Construction

The highway department has been an instrumental partner in constructing the roads to each of these sites. To date, all access roads have been completed.

Kirkwood Access Road



Microwave

Aviat has been contracted to install microwave connectivity to the nine new towers. The western “loop” has been completed, the eastern “loop” will be completed with the Kirkwood and Deposit tower sites.

Motorola Contract

- OES staff continue to design talk path profiles for the end user.
- Shipments of Motorola infrastructure equipment has been received and distributed to the tower sites.
- 4,000 subscriber units are scheduled to be delivered to the OES Warehouse at 3006 Wayne Street, Endicott N.Y. 13760 by the end of this month.

The validation of subscriber units for approximately 90 agencies have been completed and submitted to Motorola.

We are currently review several change orders from Motorola, more information will be provided once review is complete.

911 Center Related Upgrades

All 911 Center related upgrades have been completed.

- Upgrading infrastructure in the 911 center to make it compatible with the new system.
- Vesta 911 Phone upgraded
- Log Recorder upgraded
- Zetron (radio console) upgraded

Other

MOUs with neighboring counties for use of their microwave systems is being reviewed by the Broome County Law Department.

MOUs with agencies is being reviewed by the Broome County Law Department.