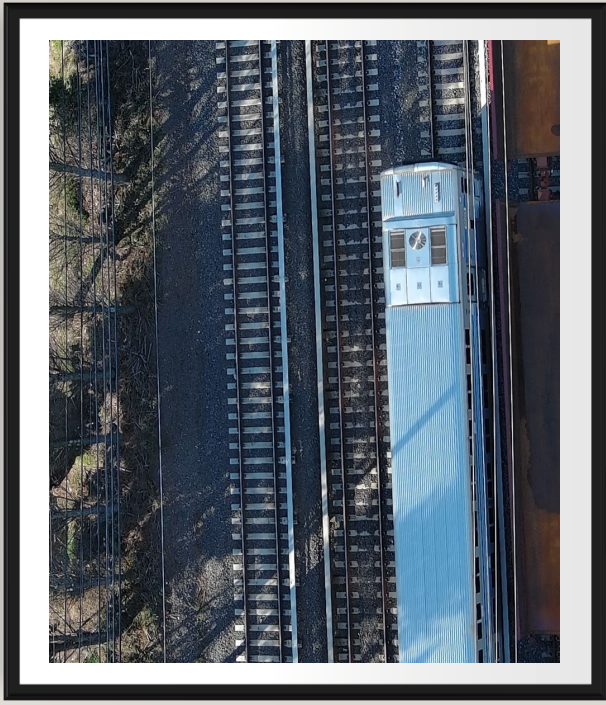


MTA LIRR OFFICE OF SECURITY DRONE PROGRAM



DRONE PROGRAM OVERVIEW

LIRR Office of Security created the agency's first Drone Program. Drones, also known as Unmanned Aerial Systems (UAS), are a more efficient way to monitor and identify issues on the LIRR system. Using the latest technology, the program compliments and strengthens:

- Emergency response
- Operational support
- Planned incident response
- Infrastructure review



PROGRAM DETAILS

Three Pilots - FAA Part 107 Licensed

Three Drones in fleet

24/7 Operations

DRONE CAPABILITIES

- Services
 - Aerial support for emergencies
 - Surveys/assessments
 - Engineering Inspections
 - Public event support
 - Night operations

DRONE VIEWS/PERSPECTIVE

YAPHANK STATION



DEBRIS ALONG THE RIGHT OF WAY

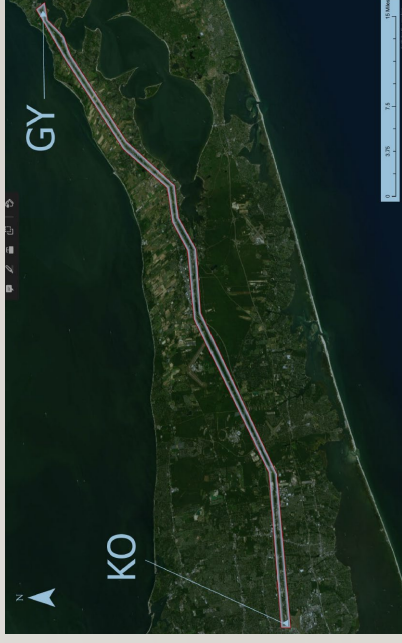


LIC YARD SURVEY



RONKONKOMA (KO) TO GREENPORT (GY)

- Approximately 55 miles of track surveyed over the period of 16 hours
- Vegetation growth, scrap rail, debris, and hazards along the right of way



BENEFITS OF DRONE SERVICES

- Benefits
 - Recorded video
 - Real time live view
 - Creates operational efficiencies/reduces impacts
 - Reduces costs
 - Unique perspective