

2018 ENVIRONMENTAL PROTECTION BOARD SYMPOSIUM

ENVIRONMENTAL DRONES

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FLORIDA DRONE LAWS

- Yes, local government can operate drones!

330.41 Unmanned Aircraft Systems Act

Pre-empts local regulation so that only the State can make laws, but allows local governments to enact drone ordinances related to privacy (e.g., voyeurism)

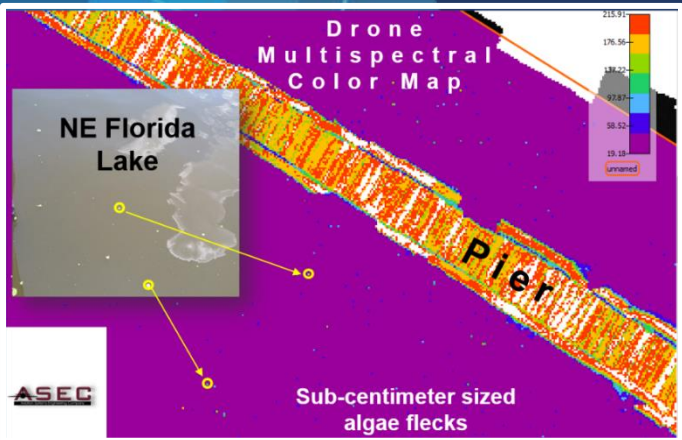
934.50 Searches & seizure using a drone

Limits the use of drones by law enforcement, which may use a drone if they obtain a warrant, there is a terrorist threat, or “swift action” is needed to prevent loss of life or to search for a missing person.

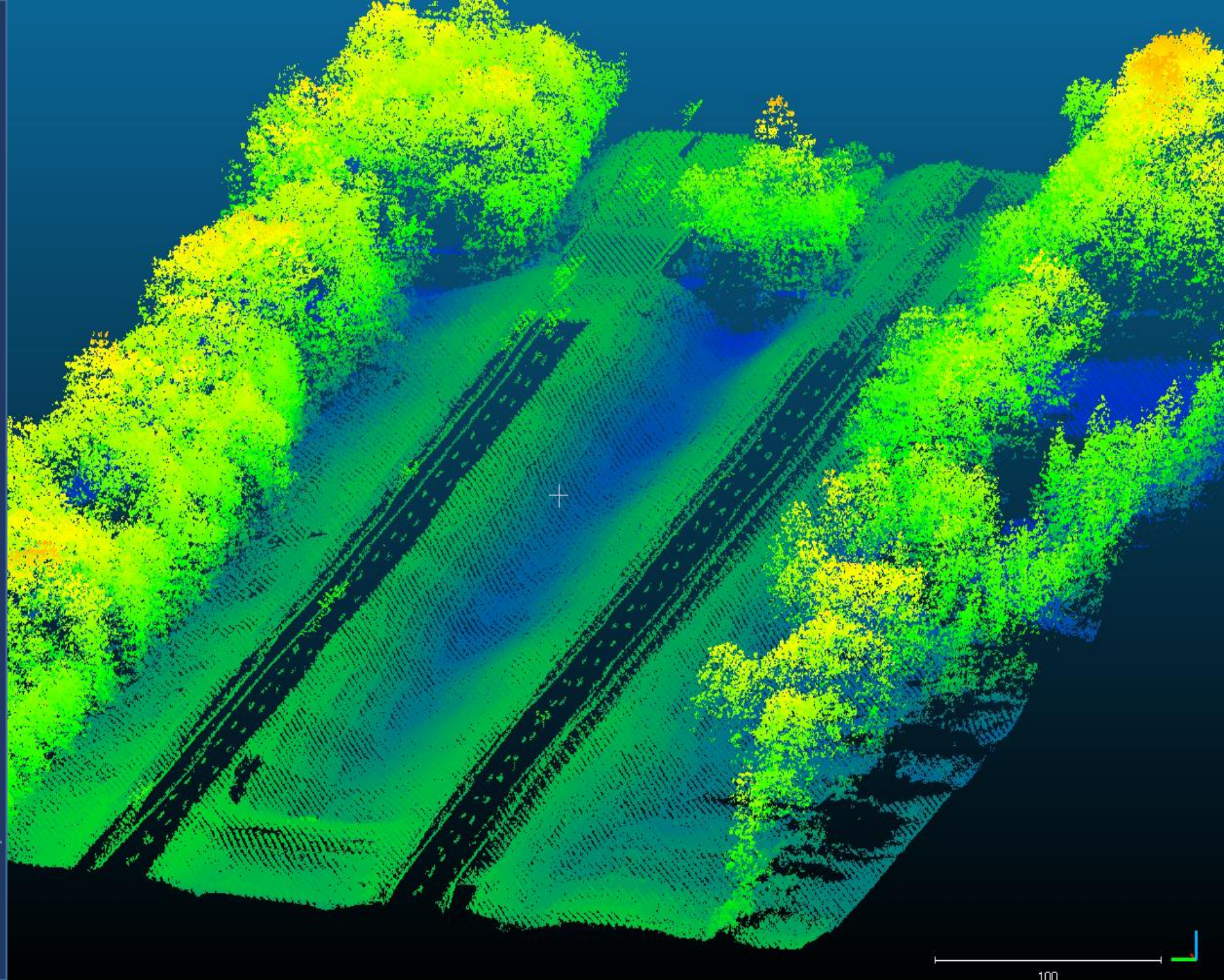
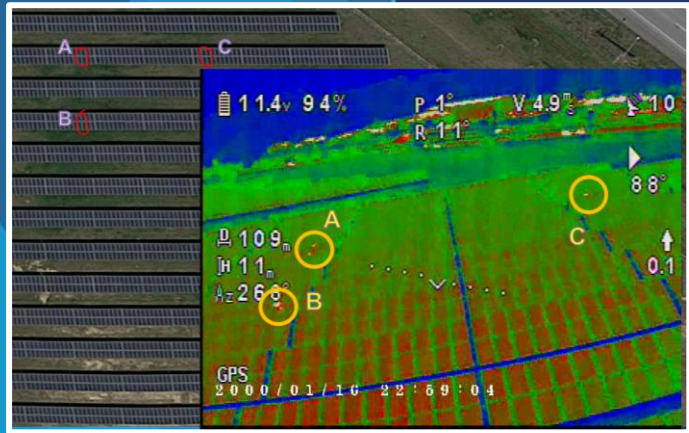
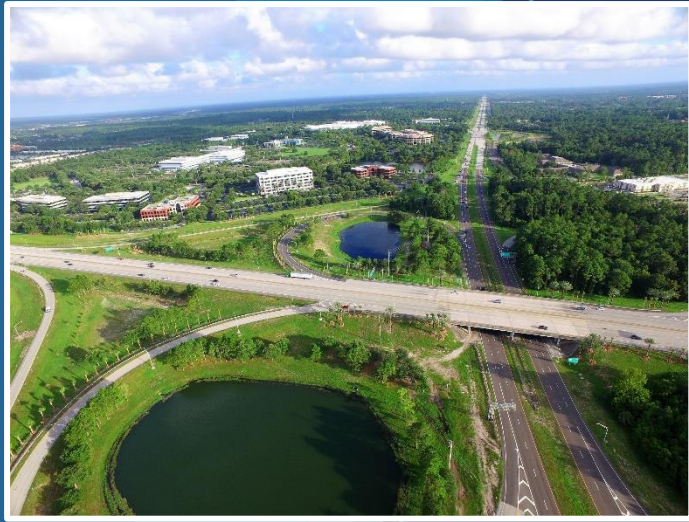
Exceptions

- Permitted under license
- For an utility
- Aerial mapping
- Communication service provider

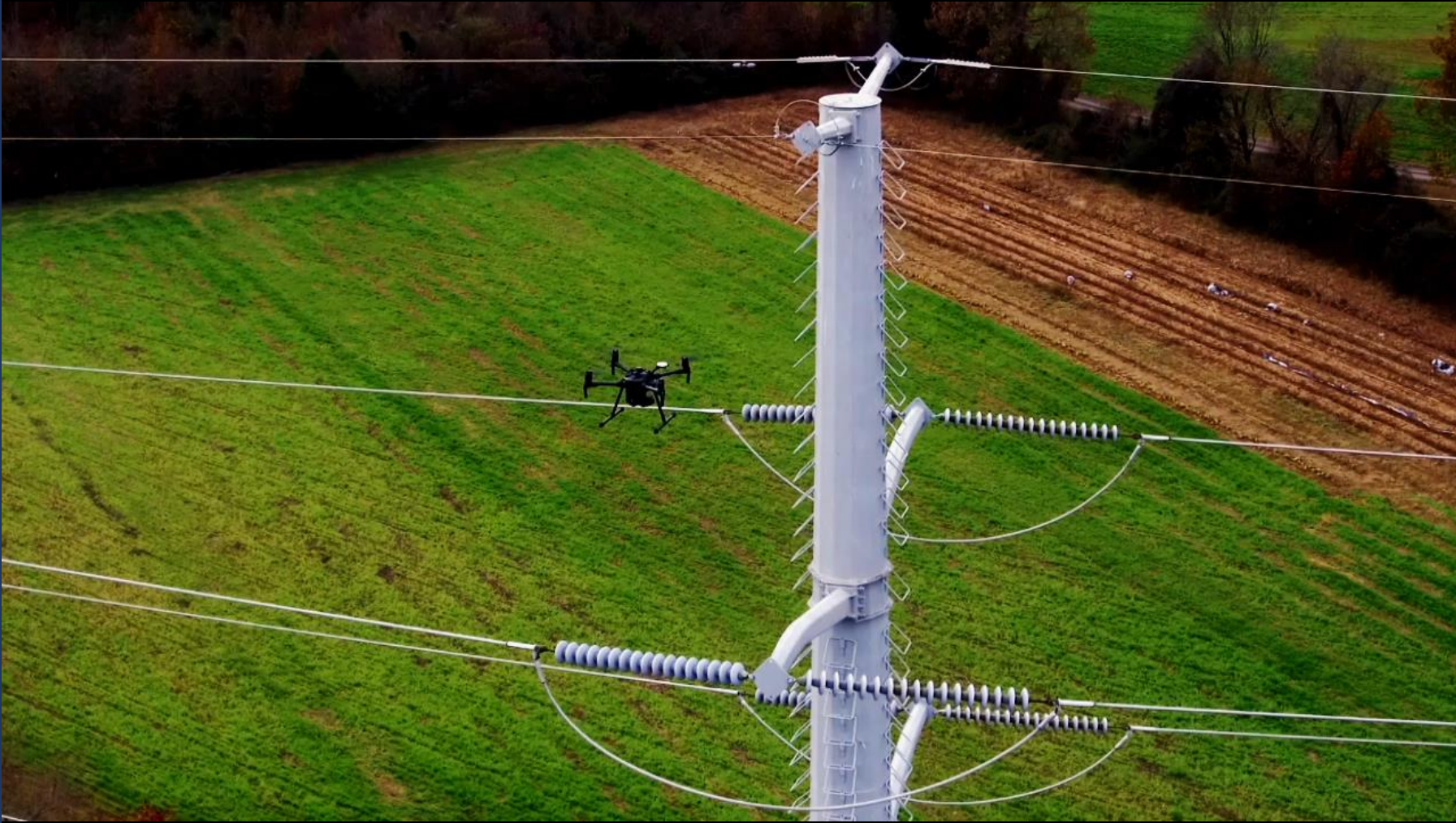
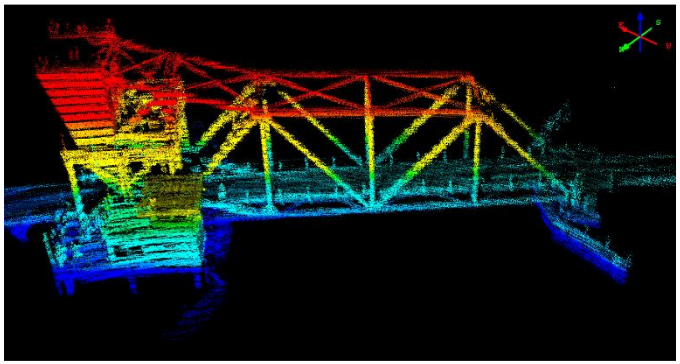
ENVIRONMENTAL



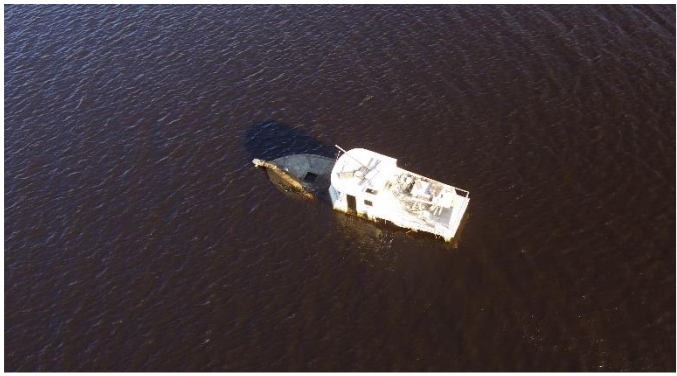
INSPECTIONS - LINEAR



INSPECTIONS - VERTICAL



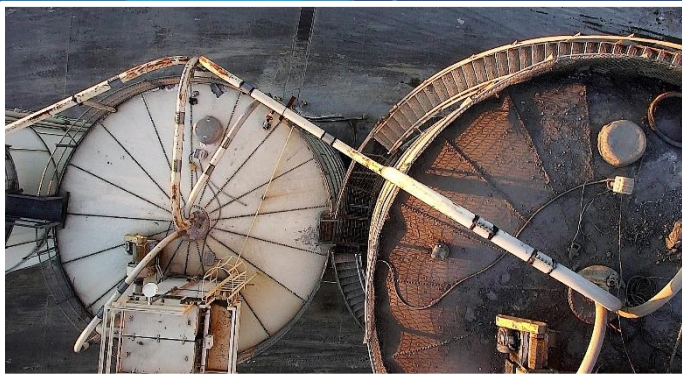
DISASTER RESPONSE



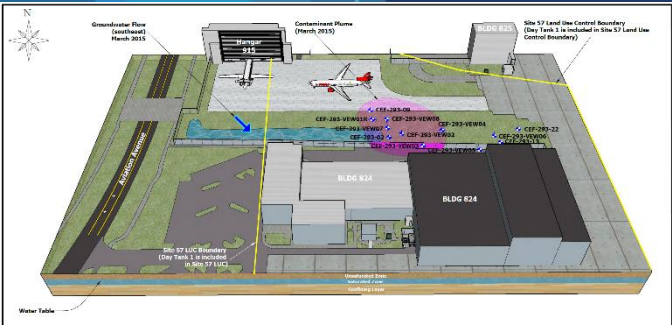
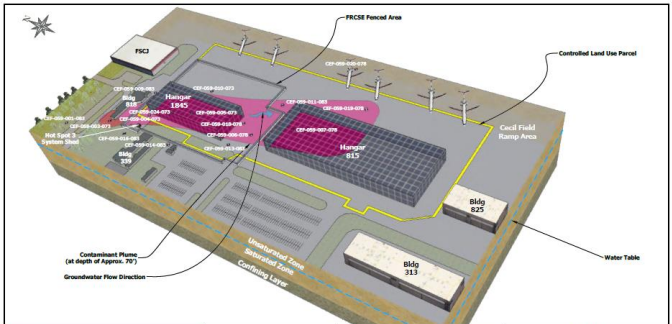
PUBLIC SAFETY



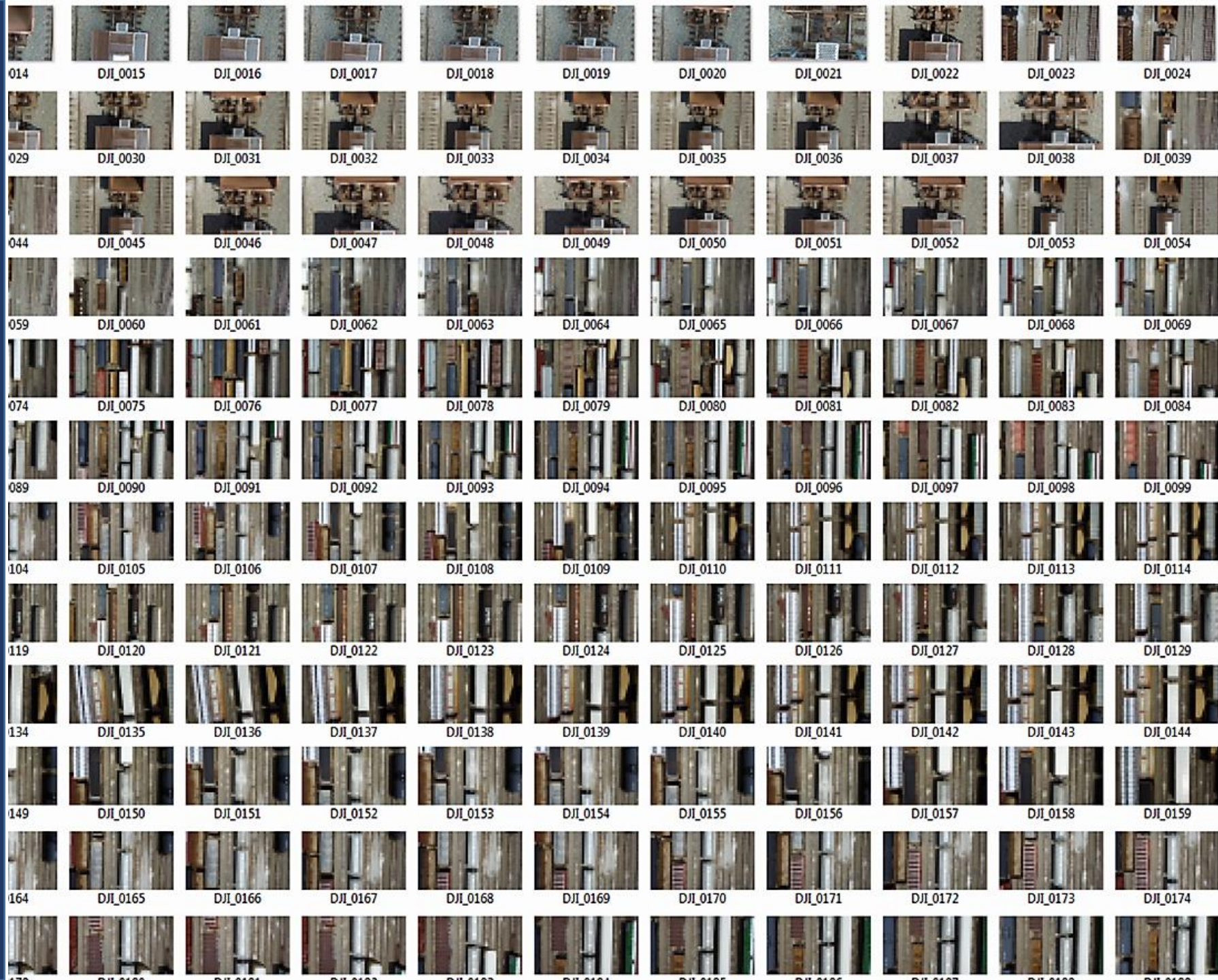
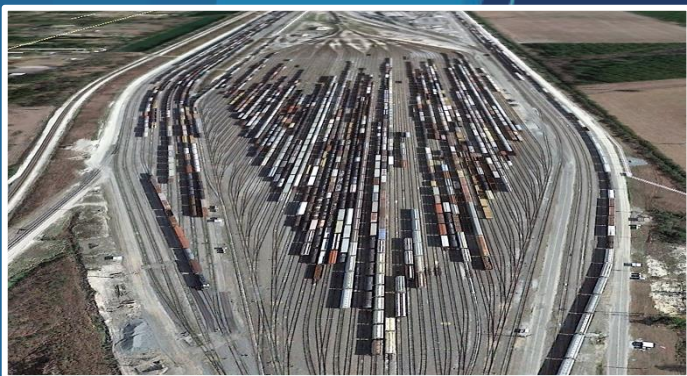
ENCLOSED SPACES



CONCEPTUAL SITE MODELS



ANALYTICS



STARTING A DRONE PROGRAM

Add Drone



1. Organize

- Requirements
- Concept of operations
- Budget
- Equipment options
- Personnel

2. Communicate

- Agency, elected officials, and Risk Manager
- Public
- Local approval

3. Implement

- FAA regulatory path
- Procurement
- Develop internal program
- Insurance

4. Sustainment

- Training
- Repair
- Personnel

QUESTIONS?

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