

Fire & EMS Coordination

Site Access & Emergency Response Planning

- The project has been master-planned with dedicated emergency service routes to ensure clear and direct access for fire and EMS.
- Each major site component—energy center, substations, and data center campus—has been assigned its own access corridor to minimize congestion and to provide emergency responders unobstructed routes.
- All emergency access gates will include Knox Boxes and fire-department-specific keying, and site personnel will provide master key sets for each facility to the department prior to occupancy.

Water Supply and Firefighting Infrastructure

- A new Harrison Township Water Tower is planned onsite as part of the initial utility infrastructure. This tower will enhance municipal water resiliency, provide additional volume and pressure for township use, and ensure that fire suppression demands can be met independently of external supply constraints.
 - The design will conform to ISO, NFPA, and OEPA standards for fire-flow and redundancy.

Detection, Alarm, and Suppression Systems

- All facilities will include fully addressable fire alarm and detection systems integrated into the central operations center. Detection systems feature VESDA (Very Early Smoke Detection Apparatus) within data halls, and standard smoke detection across all office and support spaces.
- Upon alarm or smoke detection, safety interlocks immediately shut down energy-center engines, close fuel valves, and stop outside-air systems.
- Suppression systems include:
 - Double-interlock pre-action sprinklers in data halls and electrical rooms (preventing discharge unless both smoke and heat are detected).
 - Wet-pipe systems in office and administrative areas.
 - Dry-pipe systems for exterior or unconditioned spaces.
 - Energy-center systems are equipped with automatic fuel-shutoff interlocks and fire-rated containment.

To date, no ECX campus globally has experienced a major fire event

Operations and Communications

- Facilities will be staffed 24 hours per day, 7 days per week by trained security and operations professionals who monitor all alarms through redundant building management systems.
- Fire alarm control panels are equipped with automatic callout technology that directly notifies the fire department of any alarm or fault.
- A dedicated emergency contact line will connect dispatch directly to onsite personnel.
- If requested, a Bi-Directional Amplifier (BDA)/BOS radio system can be installed to ensure complete radio coverage for first responders within all structures and below-grade spaces.

Roadway & Traffic Coordination

Access and Routing

- Primary construction and operational access will occur from Highway 23 → State Route 752 or Weigand Road, as shown on the attached traffic plan.
- Construction activities are scheduled from 2026 through 2029, with phased occupancy of the campus beginning in 2027.

Construction Traffic Management

- Heavy-equipment and materials delivery will be coordinated through designated contractor gates with on-site queuing to avoid road obstruction.
- Traffic control plans will be developed in consultation with the township and ODOT, including flagging operations and temporary signage as needed.

Operational Traffic

Once operational, traffic generation will be minimal relative to the acreage/campus size:

- **Staffing:** Approximately 50–150 employees at peak, with fewer during off-peak hours.
- **Deliveries:** During equipment installation, expect 2–4 truck deliveries/day per building; after commissioning, activity decreases to service vans daily and 10–20 trucks/week for component replacements.
- **Nature of Operations:** Unlike distribution or logistics centers, data centers have low traffic intensity and negligible overnight truck movements.

Roadway Maintenance Agreement & Commitment

ECX would like to enter into a Roadway Maintenance Agreement with the township to ensure that any road wear or damage from construction or long-term operations is properly repaired or funded. ECX's intent is to partner proactively with the township to maintain safe, durable, and well-maintained roadways for both township residents and emergency services.

