



Company Overview

POC:

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Drone Squad LLC is a Veteran-Owned infrastructure and geospatial technology firm focused on delivering high-accuracy data capture and decision-ready intelligence for public agencies and infrastructure stakeholders.

We specialize in drone-based LiDAR scanning, photogrammetry, and digital twin development, supporting use cases across flood management, bridge and drainage infrastructure, transportation corridors, and broader smart city initiatives.

Our approach goes beyond data collection. We integrate LiDAR, imagery, and BIM workflows to convert real-world environments into structured, GIS-ready datasets that can be directly ingested into platforms like ArcGIS. This allows engineering, GIS, and operations teams to move quickly from raw field data to actionable insights, improving visibility across assets and enabling more informed planning, maintenance, and response strategies.

Originally founded as a drone services provider, Drone Squad has intentionally evolved into an infrastructure intelligence partner. We focus on delivering not just accurate data, but usable data—organized, classified, and aligned with how municipalities manage assets within their existing systems.

By bridging the gap between field data collection and GIS-based decision-making, we help agencies transition from reactive workflows to proactive, data-driven infrastructure management. Our solutions support long-term initiatives such as asset lifecycle tracking, flood mitigation planning, and the development of scalable digital twin environments.

NAICS CODES

- 541330 – Engineering Services
- 541370 – Surveying and Mapping (except Geophysical) Services
- 541310 – 13 (VDC) Architectural Services
- 541340 – Drafting Services
- 541620 – Environmental Consulting Services (if applicable to your scope)
- 561990 – All Other Support Services (if general consulting applies)

Federal & State Certifications

- SBA Certified Service-Disabled Veteran-Owned Small Business (SDVOSB)
- Minority Business Enterprise (MBE – State of Indiana)
- Indiana Veteran-Owned Small Business (IVOSB)



STATE CERTIFICATION SCOPE (COMMERCIALLY USEFUL FUNCTIONS)

Certified by the State of Indiana Division of Supplier Diversity for:

- Unmanned Aerial Vehicles (UAV)
 - Target & Reconnaissance Drone Operations
 - Photogrammetry Services
- (UNSPSC Codes: 25132100, 25131705, 81151603)

Technical Certifications

- FAA Part 107 Certified Pilots
- Project Management
- Advanced LiDAR & Photogrammetry Workflows

PAST PERFORMANCE

BEES 360



Texas Commercial Aerial LLC

CORE CAPABILITIES

GEOSPATIAL DATA CAPTURE & REALITY CAPTURE

- GROUND & DRONE-BASED LIDAR SCANNING (CORRIDORS, BRIDGES, DRAINAGE SYSTEMS)
- AERIAL & GROUND PHOTOGRAMMETRY AND ORTHOMOSAIC GENERATION
- HIGH-ACCURACY DATA COLLECTION WITH GROUND CONTROL INTEGRATION

GIS-READY DATA PROCESSING & INTEGRATION

- CONVERSION OF RAW LIDAR DATA INTO STRUCTURED GIS DATASETS:
- DIGITAL ELEVATION MODELS (DEM)
- CONTOURS & BREAKLINES
- CLASSIFIED POINT CLOUDS (GROUND, VEGETATION, INFRASTRUCTURE)

DELIVERY IN ARCGIS-COMPATIBLE FORMATS:

- FILE GEODATABASES (.GDB)
- GEOTIFF RASTER DATASETS
- FEATURE LAYERS AND 3D SCENE LAYERS

INFRASTRUCTURE INSPECTION & ASSET INTELLIGENCE

- BRIDGE, CULVERT, AND DRAINAGE SYSTEM SCANNING
- TRANSPORTATION AND UTILITY CORRIDOR MAPPING
- ASSET DOCUMENTATION FOR LIFECYCLE MANAGEMENT AND PLANNING

DIGITAL TWIN & 3D MODELING

- CREATION OF SPATIALLY ACCURATE 3D ENVIRONMENTS
- INTEGRATION OF INFRASTRUCTURE ASSETS INTO GIS PLATFORMS
- SUPPORT FOR CITY-WIDE DIGITAL TWIN INITIATIVES

KEY DIFFERENTIATORS

- **GIS Integration Focus**
We don't just deliver data—we deliver ArcGIS-ready intelligence
- **Infrastructure-Centered Approach**
Focused on bridges, drainage, transportation, and public assets—not general drone services
- **Actionable Data Delivery**
Structured outputs that eliminate the need for internal data cleanup
- **Speed + Accuracy**
Rapid deployment with survey-grade precision
- **Scalable Delivery Model**
From single asset capture to city-wide infrastructure monitoring programs