GPS MAPPING

Our staff uses high accuracy GPS units that can be used to collect GPS locations, manhole covers, trees, transportation signs, and other real world assets. This information can then be integrated into an asset management program or GIS network







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HUBZone

EXPANDING YOUR POTENTIAL THROUGH GIS

ABOUT US

OUR SERVICES

Frontier Geospatial, LLC is a Geographic Information Systems (GIS) Company established in 2013. We are an experienced team of GIS professionals that focus on our clients. We take a collaborative approach, working hand-inhand, listening to their needs and providing advanced technology and the tools to help them exceed their goals.

Our services include Tabular/Spatial Data, Detailed Maps, Data Creation, Data Entry, Data Maintenance, Geodatabase Design, Data Analysis, Database Design, and more.

We are innovators and embrace opportunities to continuously reach above and beyond to stay ahead in the ever-changing field of GIS. We have the ability to turn new ideas and technologies into assets for our clients.



GIS SERVICES

Frontier Geospatial, LLC is dedicated to providing highquality and cost effective GIS services. Below are some of the services we currently offer:

- GIS Consulting
- GIS Data Creation and Editing
- Database Creation and Analysis
- Software Engineering
- Software Training
- Cloud GIS Engineering
- Enterprise Managed Services

GIS SOFTWARE ENGINEERING SERVICES

- System Architecture Design
- User Experience Design
- User Interface Design
- Application Development
- Legacy Application

UNMANNED AERIAL VEHICLE SERVICES (UAV)

- FAA Certified Pilots and Insured Equipment
- Volumetric Calculations
- High-Resolution Aerial Photography
- 3D Modeling

SCANNING SERVICES

- Site Assessments
- As-Built Assessment
- Volumetric Calculations
- Topographic Analysis
- 3D Modeling

EDITING & DATABASE DESIGN

BASIC EDITING

Our Basic Editing service involves three stages of data management:

DATA CREATION: Digitizing scanned images or features from aerial photography

DATA ENTRY: Creating layers from a legal description or other source documents and entering or updating tabular data tied to GIS features

DATA MANAGEMENT: Updating new changes to GIS layers

ADVANCED EDITING

Our Advanced Editing techniques use the most up-to-date GIS software, We use ESRI's ArcEditor (Standard) along with Topology rules to assist with Quality Assurance/Quality Control of data for projects, such as service routes or water and sewer networks. We also use QGIS for surface analysis, such as: hillshades, DEMs, contouring, stream analysis, raster mosaics, and other advanced features

DATABASE DESIGN

We can design databases and geodatabases for you. Databases that we work in include: Access, DBF, PostgreSQL, Sqlite, and MS SQLServer. We also work in ESRI's Personal, File, and Enterprise Geodatabases. With these Geodatabases, we can design Topology Rules and Geometric Networks. These designs can be implemented on site or offsite using remote access software.