GIS PARTNERSHIP

Put your data on the map!

Introduction and Services
About FLO

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About FLO

- Employee Owned
- Staff in the Pacific Northwest and East Coast
- Experts in the design, implementation and use of GIS & data analytic solutions
Our Work

FLO does a huge variety of GIS and data analytics work, including:

- Web mapping
- Asset management system integration
- GIS training
- Data capture and conversion
- Data analysis (land use, impervious surface, population, access, etc.)
Geographic Information Systems

What is a GIS?
How can local government use GIS?

Efficiency
- Better decision making
- Sharing data increases visibility and helps coordination
- Single source of truth
- Field data access
- Streamline workflows
- Improve asset management
- Institutional knowledge

Communications
- Citizen tools
- Internal tools and dashboards
- Reporting
- Story Maps and messages
- Citizen feedback
The CCM GIS Partnership

- FLO staff have expertise in the full range of GIS services, from creating initial spatial datasets from paper and digital files to creating easy-to-use web mapping tools that deliver data to your constituents.

- We can truly help you “put your data on the map!”

...AND MORE
The CCM GIS Partnership

What is the benefit of the GIS Partnership?

ACCESS TO GIS & DATA PROFESSIONALS
FLO Analytics staff are expert GIS and data analysis professionals with a mission to improve the communities in which we work.

DISCOUNTED SERVICES
Receive up to a 12.5% discount on Data and GIS services provided by FLO Analytics as a CCM member.

FREE CONSULTATION
Call to set up a free 1-hour consultation to see how FLO Analytics can help your municipality!

We can work with your GIS people or be your GIS people!
Today we will walk through some of our services, including:

- Data Capture and Web Mapping
- GIS Applications
- Asset Management Systems
Data Capture and Web Mapping

Town of Harwinton, CT
GIS Applications

Shelton Mapping App

Layer List

Cle Elum Cemetery

Find address or place

Edit features

Select
GIS Applications
Asset Management Systems

What is an asset management system?

• A utility asset management system enables utilities/cities to manage critical assets, tracking age, usage, maintenance history and a range of other variables.

Why would a municipality need an asset management system?

• Most cities/utilities decide to implement an asset management system if they want to attach work orders to assets.
• Some cities need to implement an asset management system to comply with permitting requirements. There may even be grants you can apply for to help you pay for an asset management system.
Asset Management Systems

FLO Provides:

• GIS data capture and digitization
• GIS data preparation and quality control
• Guidance for choosing an appropriate asset management system
Asset Management Systems

Items to Consider when Choosing a System:

• Steer clear of custom applications, try to find an out of the box solution, much easier to upgrade.
• Is the user interface user friendly? Intuitive?
• Do you want email notification for various tasks or updates?
• Do you need a mobile solution of this software?
Questions we help answer:

• Does it integrate with ArcGIS Online or Portal? (ESRI)

• Do all layers need to be in one feature service? Does the program support multiple feature services? Different coordinate systems?

• Is your system capable of running reports? Is this easy for every user to perform?

• Do you have to rely on the vendor for lots of bulk updates or data loads? Or can you perform those yourself?

*e.g., If I make an edit in GIS will it write back to the geodatabase? If I make an edit in the AMS will it write back to the geodatabase? (Seamless editing)*
Asset Management Systems

GIS Data Requirements

• Unique IDs for all assets - do you currently have unique ids?
  • Think about a naming convention that would work for you. (example: swMH001)

• Are you managing multiple feature services?
  • Example: One for your AMS and one for field data collection- how will these get updated?

• How are you getting parcel data?
Asset Management Systems

**Best Practices**

1. Make sure you involve the key stakeholders when choosing an AMS
2. Try to get at least three demos of AMS programs
3. Talk to your surrounding cities and towns and ask what they have and how they like their AMS, as well as how they like the customer service
Project Ideas

Departmental
- GIS programs and staff training
- Public works data and as-built import
- Emergency management and scenarios
- Land records
- Quickly update mapbooks

Public facing
- Cemetery maps and search tools
- Map of public projects
- Front desk check in
- Short-term rentals map
- K-12 planning
- 3D disc golf course visualization
Questions?

Call or email for more information:

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