

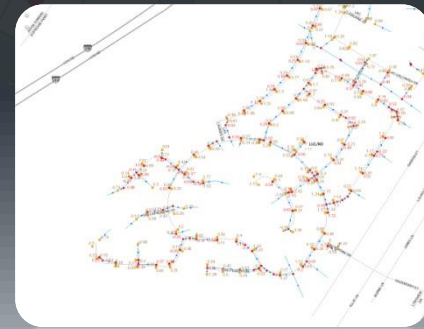
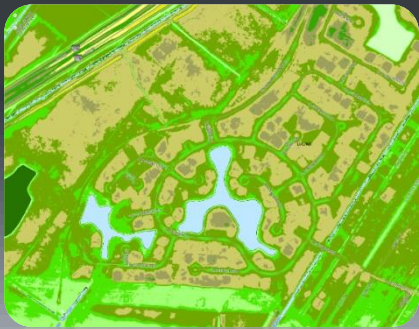
# St. Charles Parish GIS Update

Presented To  
The St. Charles Parish Council

By  
**Luis Martinez**

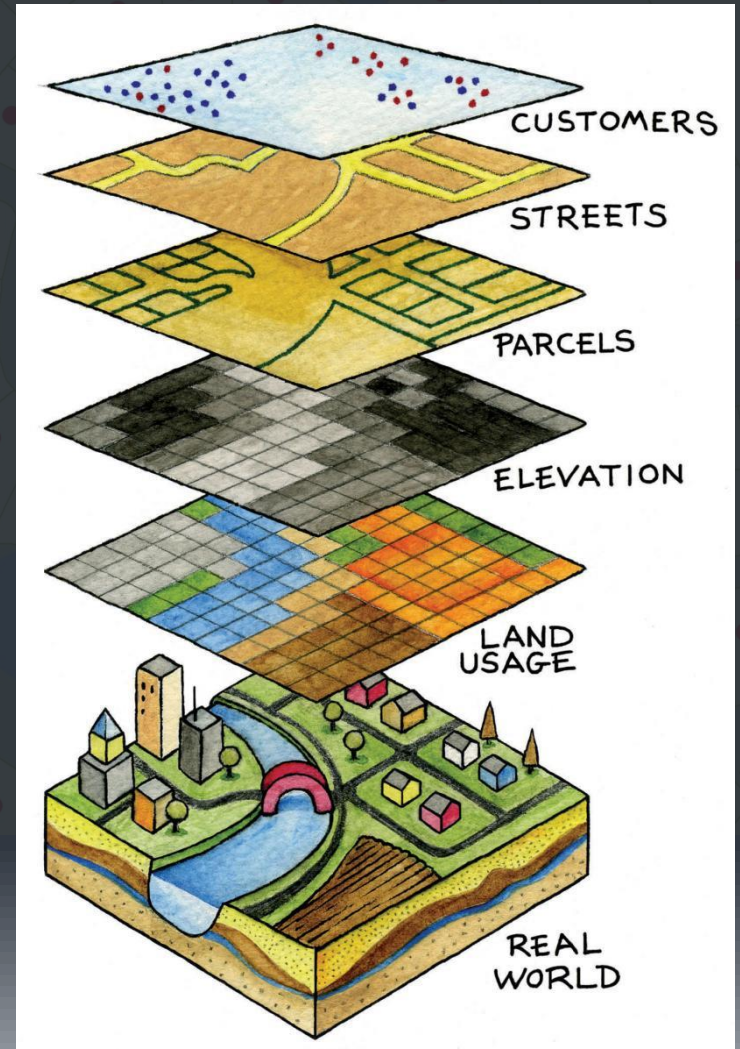
*Geographic Information Systems Coordinator*

March 21, 2016

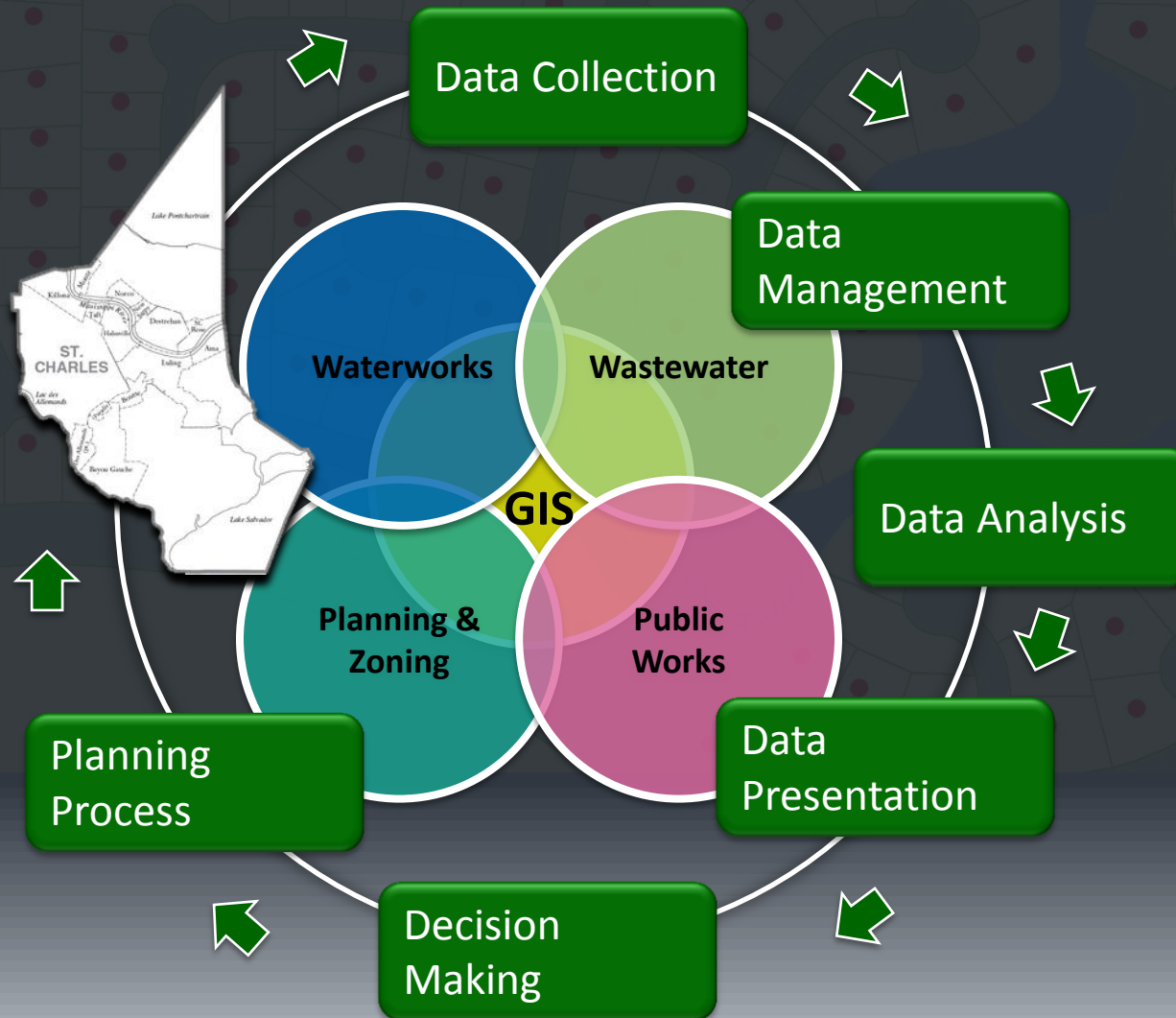


# Geographic Information System (GIS)

- A GIS lets us visualize, question, analyze, and interpret data to understand relationships, patterns, and trends.
- Better decision making
- Improved communication
- Managing Geographically
- Better record keeping
- Data is centralized

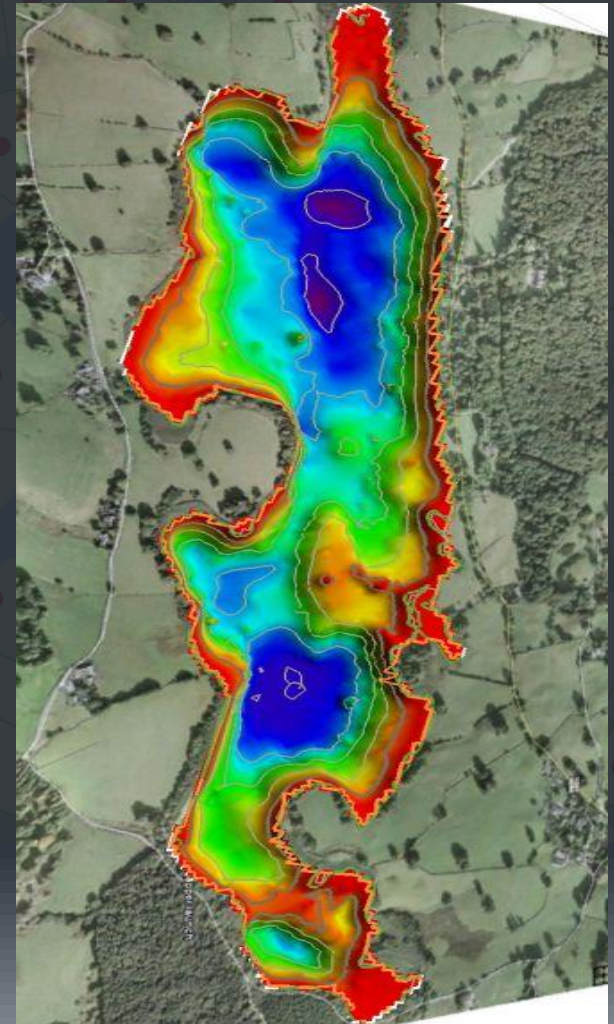


# How is GIS Being Used?



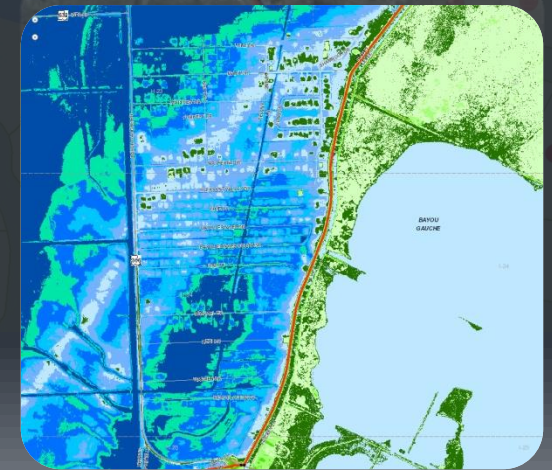
# Major Projects - 2015

- Levee Analysis Mapping Program
- Rebuilt GIS System
- Bathymetry
- Street map update (Annually)
- Parcels Database (Ongoing)
- Address Database (Ongoing)
- Street Signs Database
- East bank Drainage GPS data
- Wastewater GIS database
- Waterworks (Ongoing)
- Web Mapping Application(s)



# GIS Projects - 2016

- Complete LAMP/Bathymetry
- Launch Resident Feedback Application
- GIS Drainage/Culvert Ordinance
- Begin GIS Zoning Database (P&Z)
- Complete Streetlights Database
- Complete Wastewater Database
- Data Maintenance – accurate and up-to-date data possible Parish-wide



# Resident Feedback Application

The screenshot displays the St. Charles Parish Resident Feedback Application interface. At the top left is the St. Charles Parish logo. In the top right corner, there are links for "LOG IN" and "ENG". A central banner features a stylized map with various icons representing different types of feedback, such as a person, a magnifying glass, a checkmark, and a star. A text box on the left of the banner reads: "Changing how you do business with the parish! The goal of the St. Charles Parish GIS Office is to continually improve the quality of life for our residents and business community by providing responsive and efficient municipal services." Below the banner are two main navigation buttons: "Give feedback" and "Search and browse feedback".

Below the navigation buttons are four feedback categories, each with a lock icon:

- Streetlights**: Report Streetlight Outages and Damages
- Garbage/Trash & Recycling**: Request for Solid Waste Container Repair or
- Critical issues - COMING SOON**: Report critical issues like broken water lines, damaged
- Report a Problem - COMING SOON!**: Report pot holes, sidewalks, illegal dumping, park

At the bottom of the application, there are links for "Terms of use", "Privacy policy", and "© StCharles Parish". On the right side of the footer, there is a link to "Follow published feedback" and the Trimble logo.

The Windows taskbar at the bottom of the screenshot shows the Start button, several application icons, and the system tray with the date and time: 11:50 AM 3/3/2016.

# Resident Feedback Application

Trimble Feedback Service x Trimble Feedback Service x

https://stcharles.trimblefeedback.com/en/Feedback/1-Streetlights

## Give feedback: Streetlights

Select a subject so that your feedback is directed to the correct person. Fields marked with \* are mandatory.  
Note! Any emergency calls/tickets (e.g. 911 type of stuff) are not supposed to be logged through this service.

**Subject \***

Streetlight Outage

Report broken lights, broken poles, flickering lights, etc

**Nature of feedback \***

Complaint

**Feedback text \***

Light down street from my house is out.

**Feedback can be published**

Feedback is shown on the city internet map and RSS feed. Contact information of feedback is not published.

**Attachments**


You can add one or more attachments to the feedback. They can be, for example, photos of the observation. Total maximum size of attachments is 4.0Mb.

Choose Files No file chosen

**Give feedback location \***

Draw your feedback location on map using the drawing icons. You can search the area using the address field and the Search button.

Write address



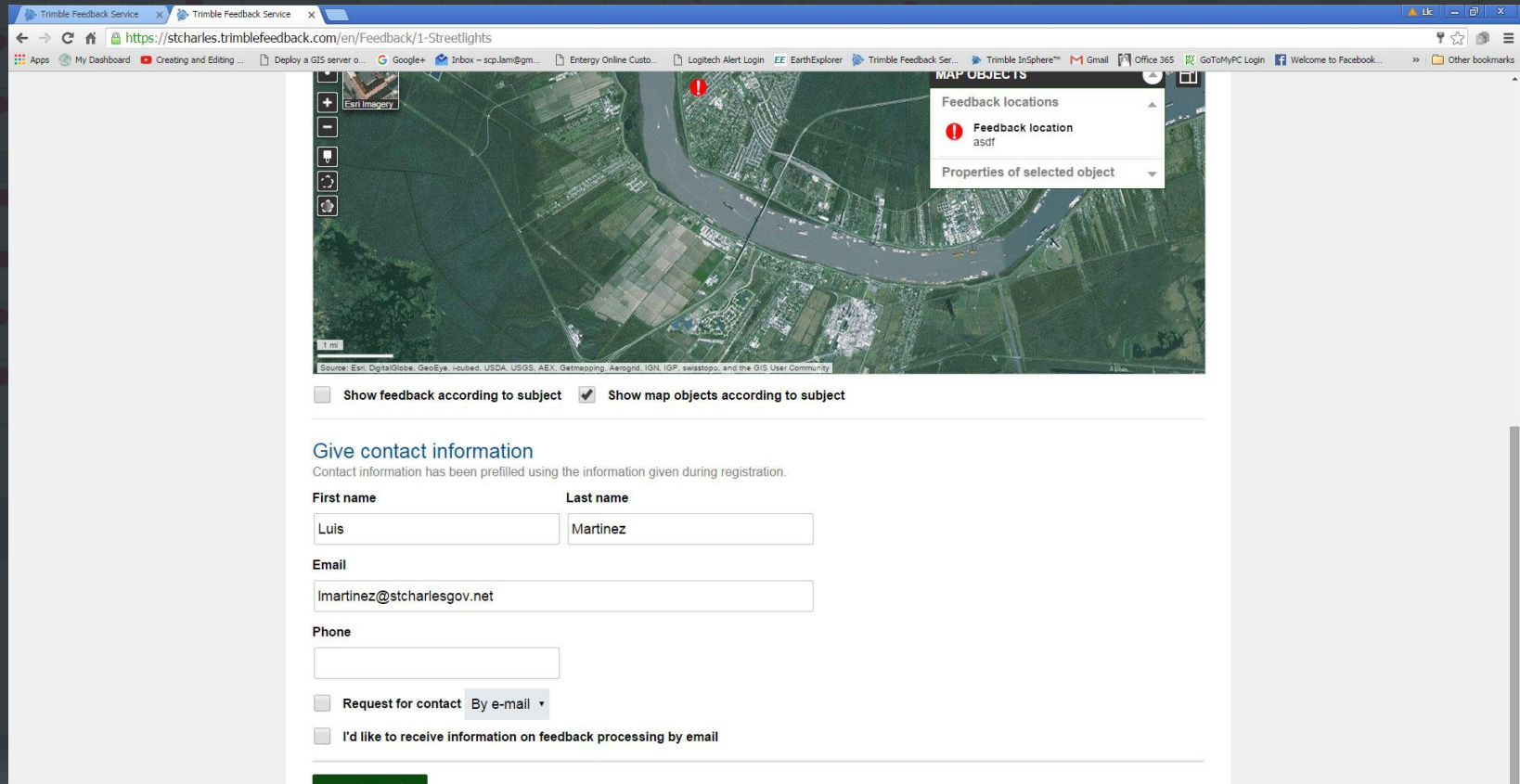
**MAP OBJECTS**

Feedback locations

- Feedback location  
asdf

Properties of selected object

# Resident Feedback Application



The screenshot displays the Trimble Feedback Service web application. The browser address bar shows the URL: <https://stcharles.trimblefeedback.com/en/Feedback/1-Streetlights>. The main content area features a satellite map of a river area. A red exclamation mark icon indicates a feedback location. A pop-up window titled "MAP OBJECTS" is open, showing "Feedback locations" with a red exclamation mark icon and the text "Feedback location asdf". Below this, there is a dropdown menu labeled "Properties of selected object".

Below the map, there are two checkboxes:

- Show feedback according to subject
- Show map objects according to subject

Below the checkboxes, there is a section titled "Give contact information" with the text "Contact information has been prefilled using the information given during registration." The form contains the following fields:

- First name:** Luis
- Last name:** Martinez
- Email:** lmartinez@stcharlesgov.net
- Phone:** (empty field)

At the bottom of the form, there are two checkboxes:

- Request for contact By e-mail
- I'd like to receive information on feedback processing by email



# Resident Feedback Application

The screenshot displays the Trimble Feedback Service web application. The interface includes a navigation menu with 'FEEDBACK', 'PROCESSING', and 'ADMINISTRATION' tabs. The 'FEEDBACK' tab is active. The main content area is divided into a search sidebar on the left and a map area on the right. The search sidebar contains filters for Type, Subject, Nature of feedback, Status, Received, Due date, Responsible party, and Reply. The map area shows a street map with several red location markers. Below the map is a table of search results.

Received	Due date	Project	Type	Subject	Status	Explanation
2/26/2016 11:26 AM	2/27/2016		Streetlights	Streetlight Damage	Received	Multiple lights out on street 6031 6057 6028
2/22/2016 09:01 AM	2/23/2016		Streetlights	Streetlight Outage	Completed	Birds nest in light housing caught fire 13547
2/17/2016 11:23 AM	2/18/2016		Streetlights	Streetlight Damage	Completed	Light pole is leaning 20

# Resident Feedback Application

**Feedback 584**

Received	26.2.2016
Status	Received
Type	Streetlights
Subject	Streetlight Damage
Office	

**Case identifier**

Responsible party	
Nature of feedback	Complaint
Priority	Normal

**Additional classification**

- Add to the Frequently given feedback list

**Feedback channel** Feedback by citizen

- Feedback sender allows publication of feedback
- Allow publication of feedback
- Feedback sender wants to be notified of changes in feedback

**Basic contact info** Luis Martinez lmartinez@stcharlesgov.net

**Feedback text**

Multiple lights out on street

**Locations**

<b>Light information</b>
6031
<b>Light information</b>
6057
<b>Light information</b>
6028

**Processing**

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**Feedback 569**

Received	22.2.2016
Status	Completed
Processing time	2 h
Type	Streetlights
Subject	Streetlight Outage
Office	

**Case identifier**

# Questions & Comments

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## Contact Information:

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Web: [www.stcharlesgov.net/gis](http://www.stcharlesgov.net/gis)