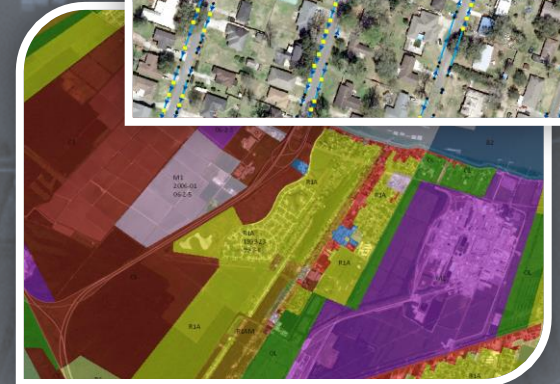
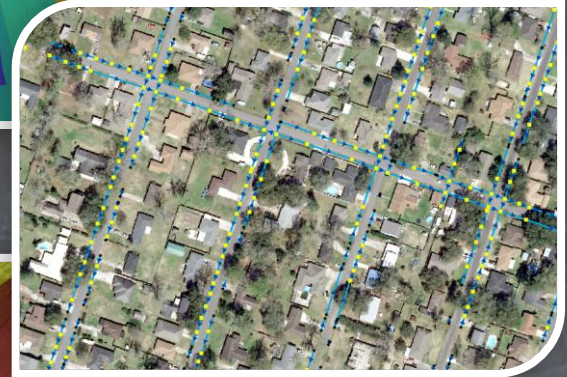
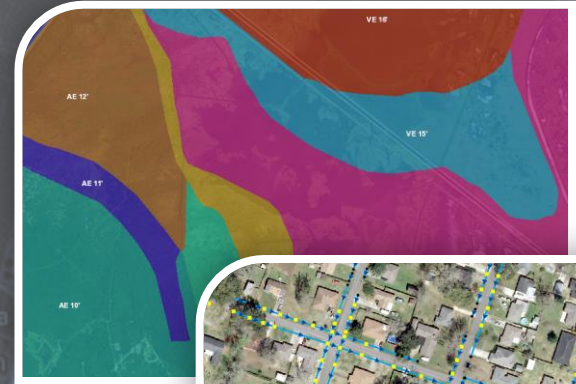


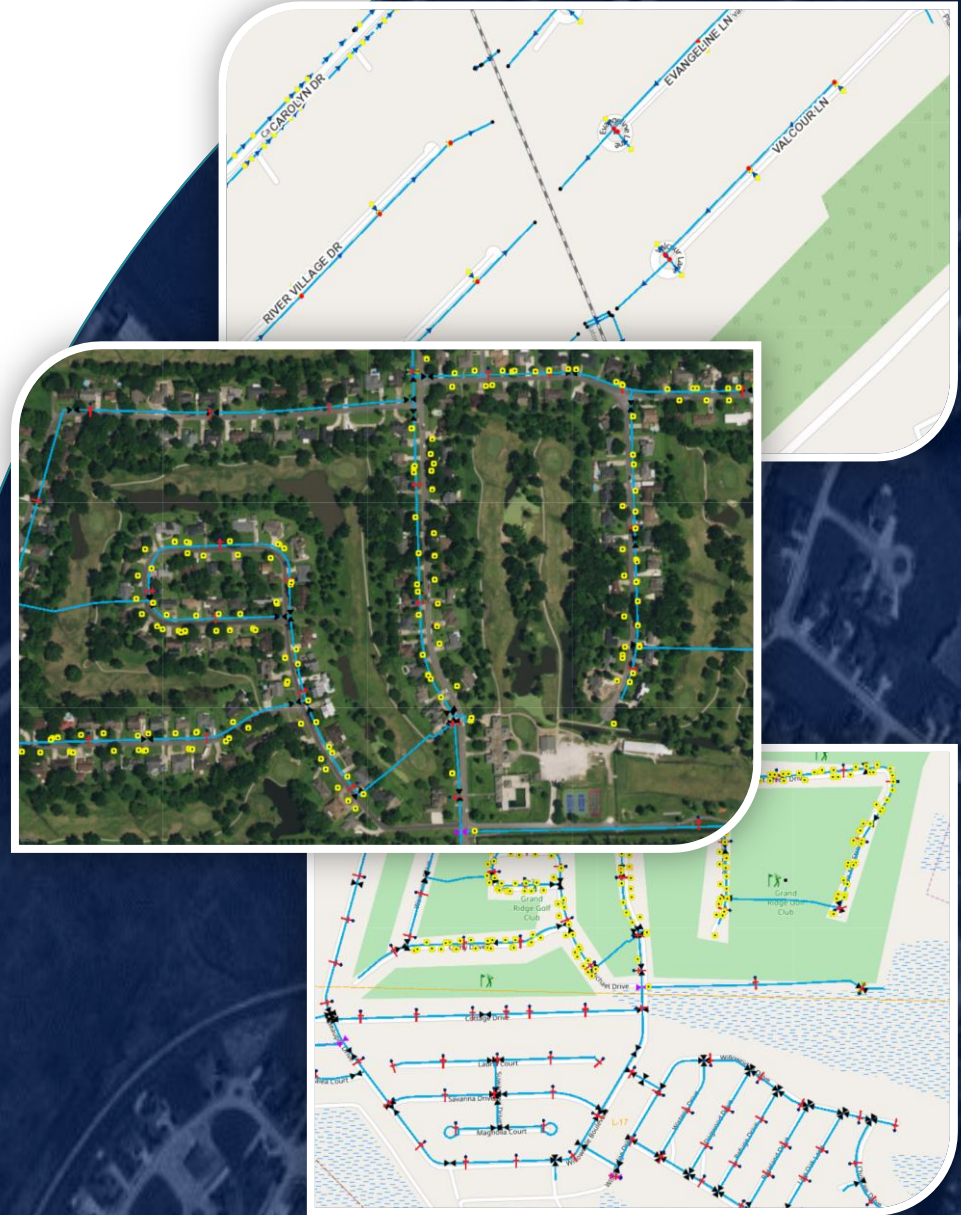
Geographic Information Systems

Presented By Luis Martinez



Major Projects - 2017

- Drainage Database
- Water Meters
- Aerial Photography
- Streetlights
- Road Signage
- AssetWorks
- Elevation Certificates



Drainage GIS

- Completion ~ 95%
- Web based GIS application
- Used to install new culverts
- Identify potential problems



Layers

- ▼ ☒ DRAINAGE GIS
 - ☒ Levees
 - ☒ Drainage System
 - ☒ Parcels and Addresses
 - ☒ Elevation Map
 - ☒ Base Map
- ▶ ☐ Aerials - 2014

^

Q Find

Select Category to Search By:

Find By Address

Search For:

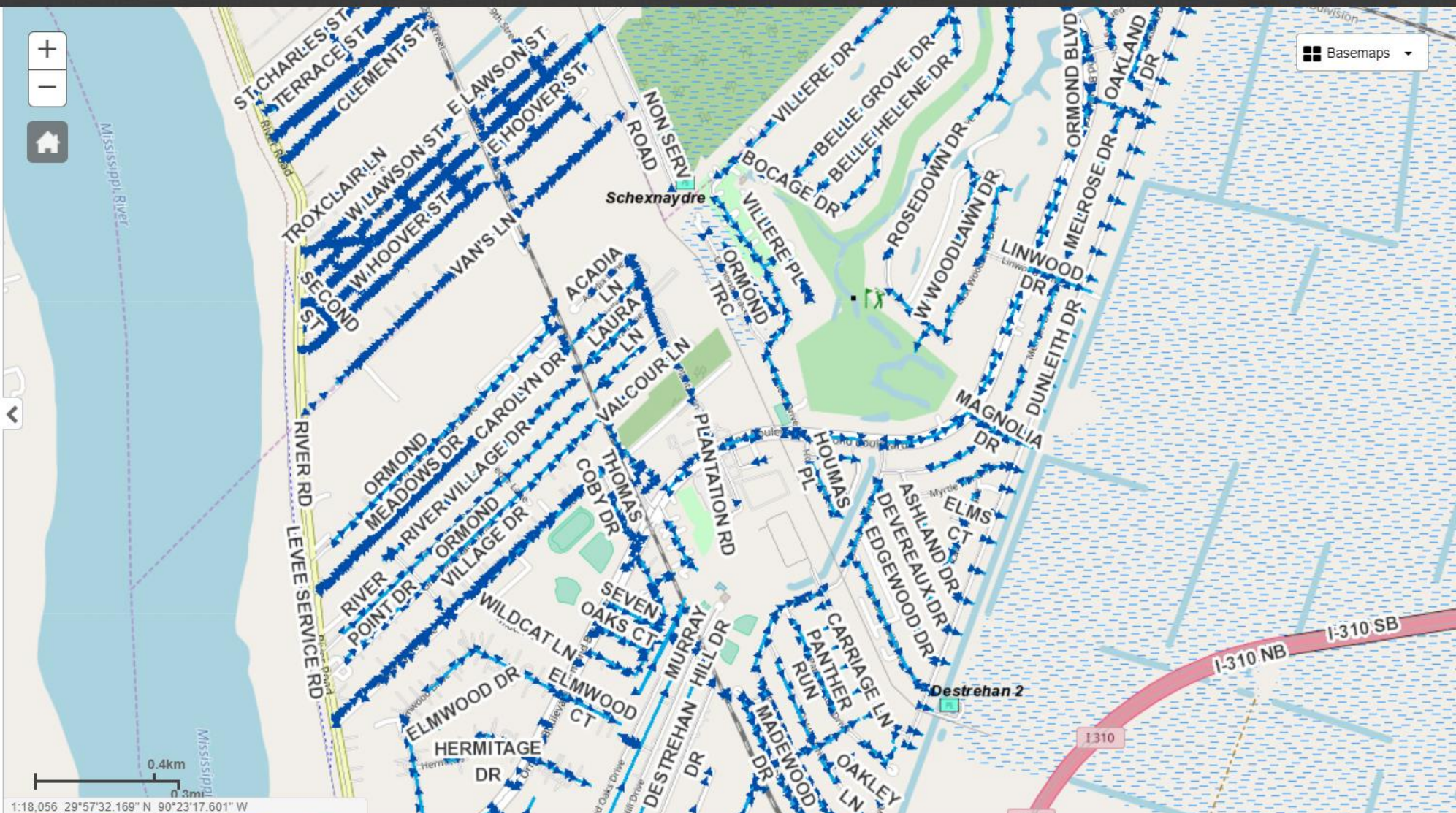
Enter all or part of the address

☐ Find exact matches only

↺ Clear

Q Search

- ▼ ⓘ Identify
- ▼ ↗ Measurement
- ▼ 🖨 Print





Help

^ Layers

✓ DRAINAGE GIS

 Levees

  Drainage System

- ▶ ☐ Pump Barscreens

► ☒ Pump Stations

▶ ☒ Manholes

▶ ☒ Catch Basin

► ☒ Culvert Inverts

► ☒ Culverts

► ☐ Ditches

- ▶ ☐ Drainage Canals

- ▶ ☐ Jack & Bores/Cro

► ☐ Watershed Areas

Parcels and Addresses

 Elevation Map

► ☒ Street Centerline Elevations

► ☒ Elevation Points

▶ ☒ Elevation Map (ft)

 Base Map

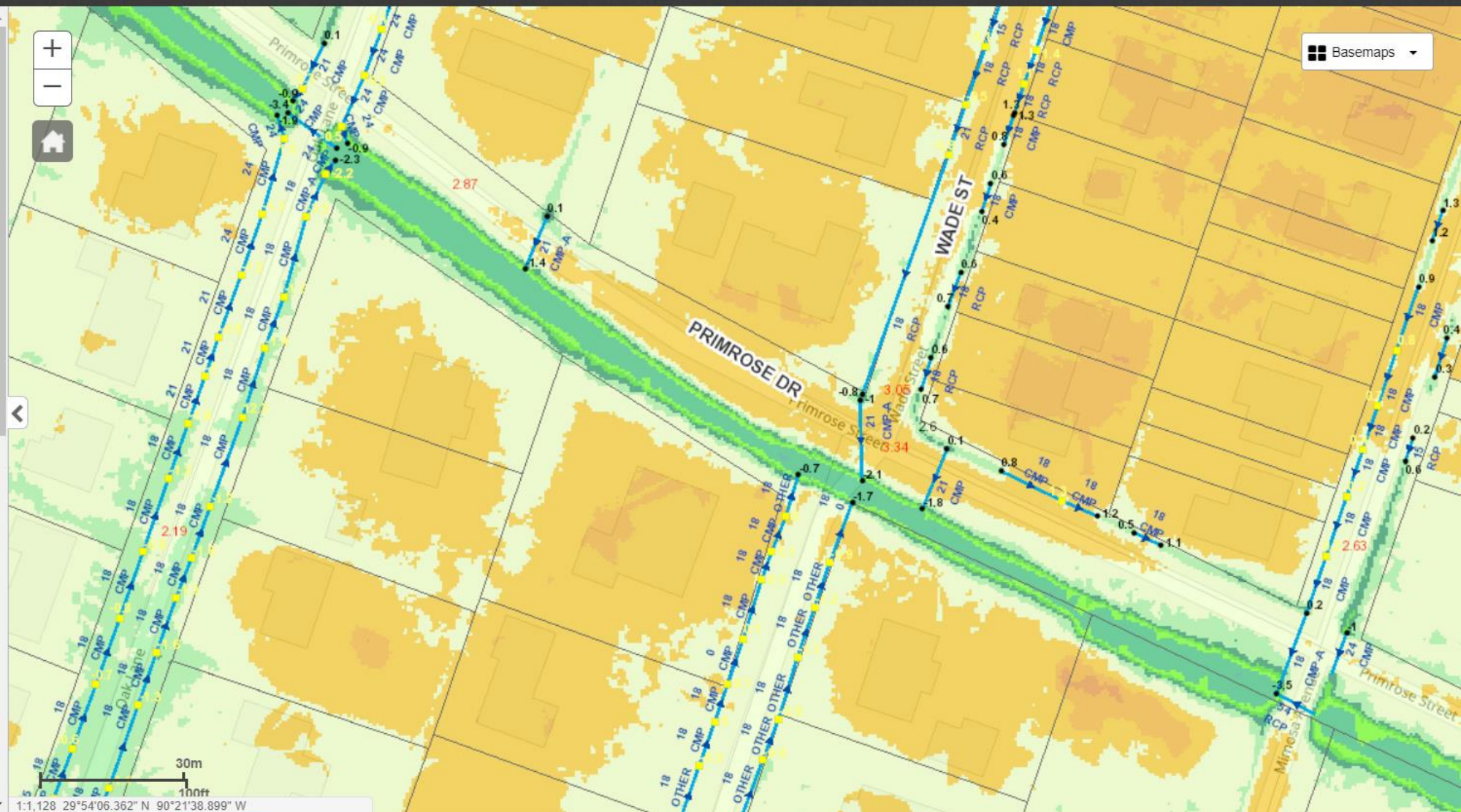
► ☒ Structures

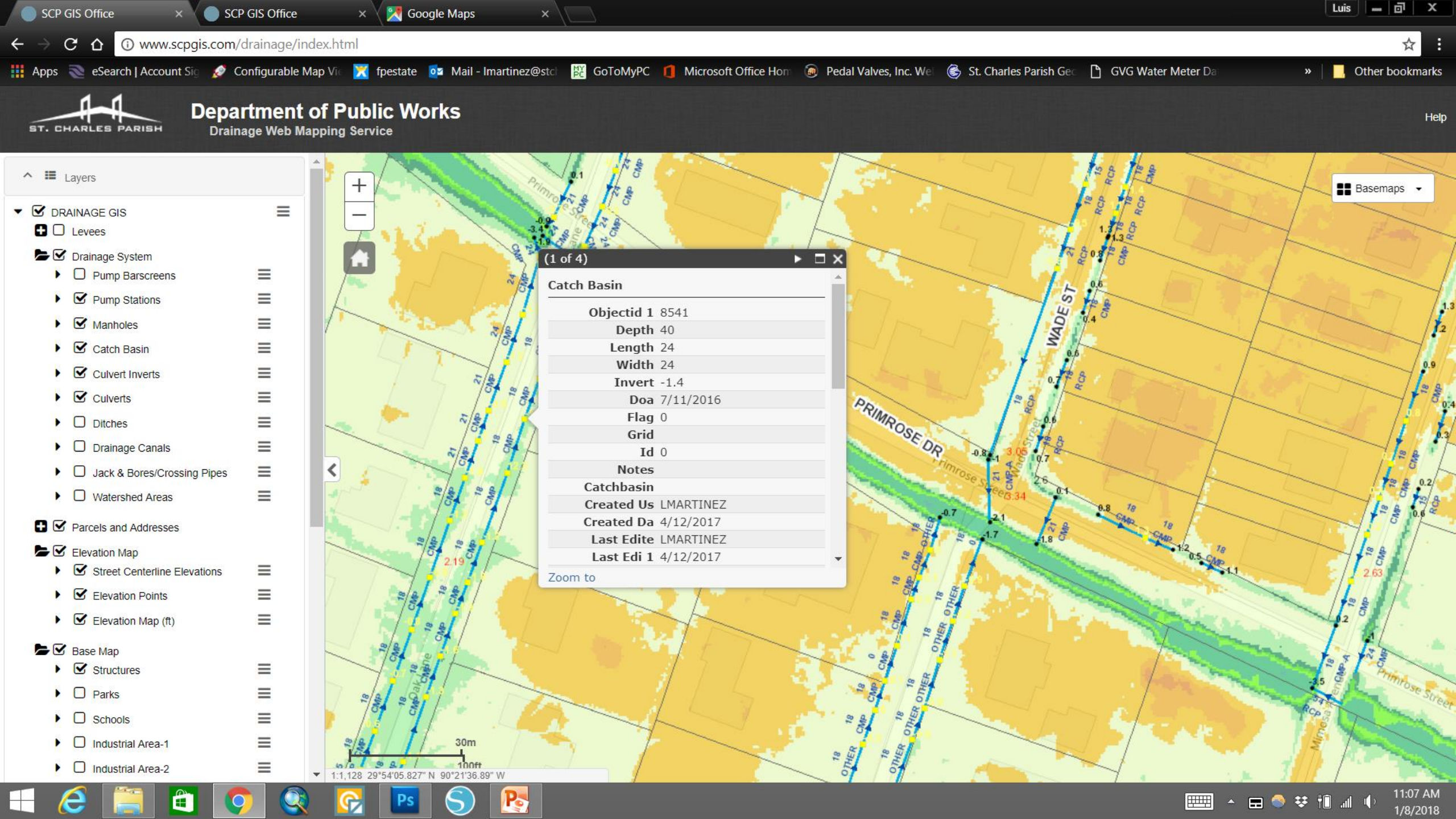
▶ ☐ Parks

► ☐ Schools

► ☐ Industrial Area-1

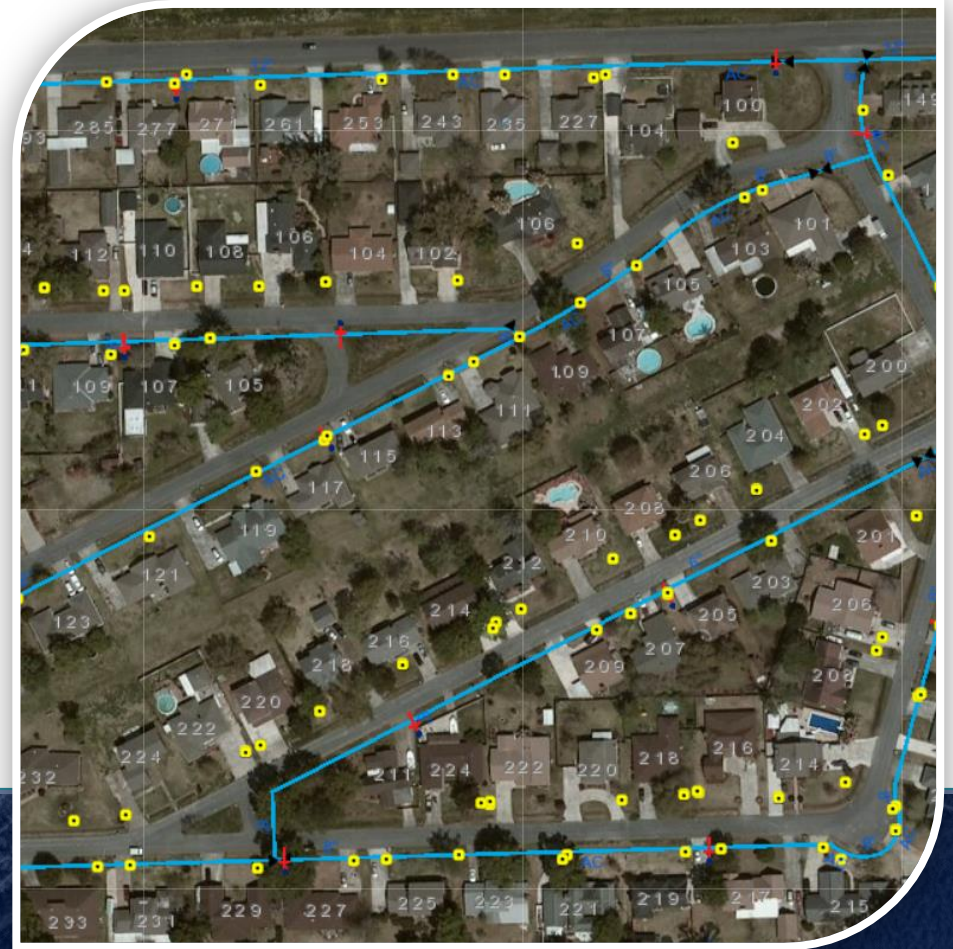
► ☐ Industrial Area-2

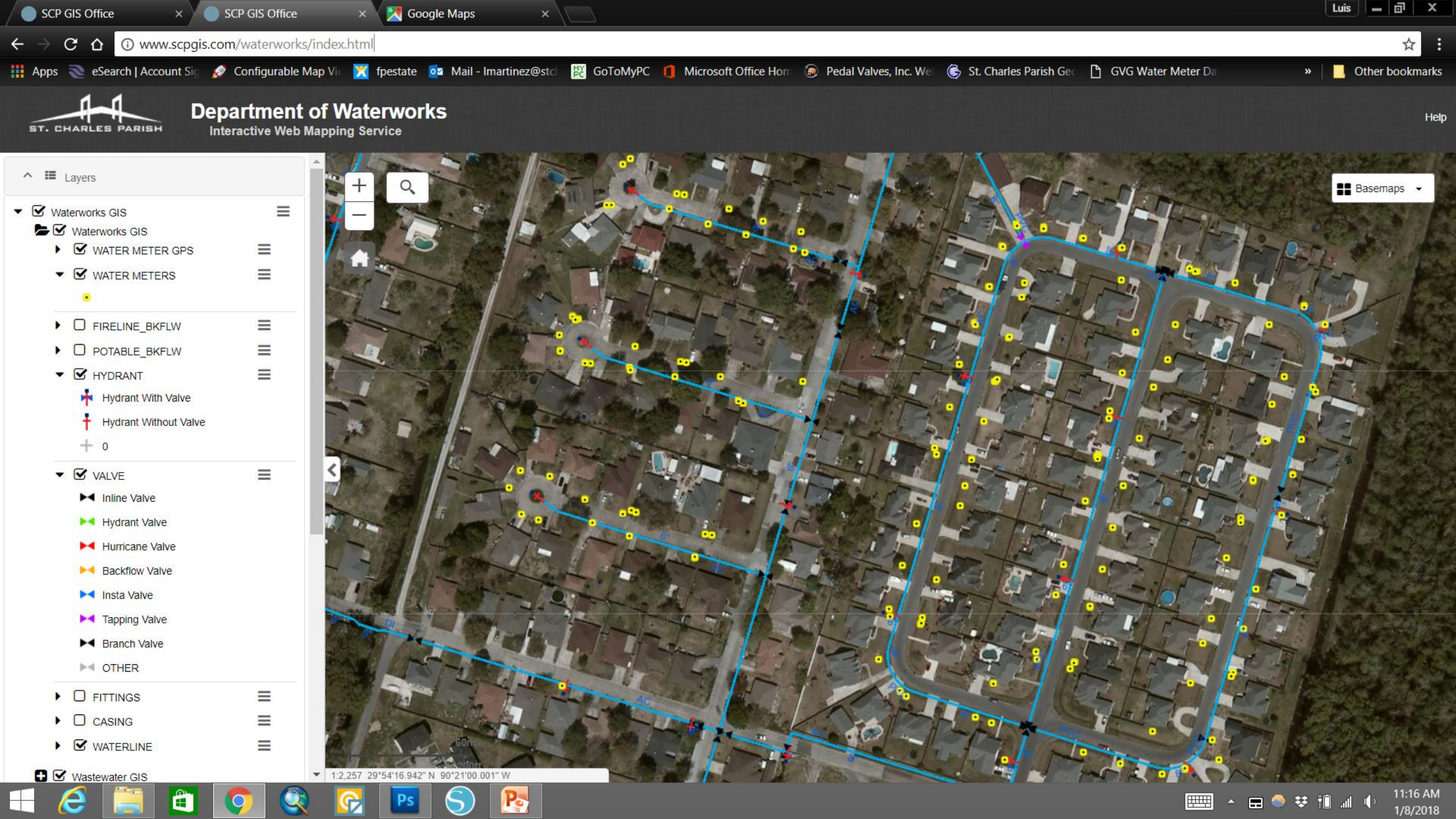




Waterworks GIS

- Web based GIS application
- GPS Location of meters
- Integration with waterworks existing customer database





Layers

- ▼ ☒ Waterworks GIS
- ☒ Waterworks GIS
 - ▶ ☒ WATER METER GPS
 - ▼ ☒ WATER METERS
 -

- ▶ ☐ FIRELINE_BKFLW
- ▶ ☐ POTABLE_BKFLW
- ▼ ☒ HYDRANT
 - Hydrant With Valve
 - Hydrant Without Valve
 - + 0

- ▼ ☒ VALVE
 - Inline Valve
 - Hydrant Valve
 - Hurricane Valve
 - Backflow Valve
 - Insta Valve
 - Tapping Valve
 - Branch Valve
 - OTHER

- ▶ ☐ FITTINGS
- ▶ ☐ CASING
- ▶ ☒ WATERLINE

☒ Wastewater GIS

The screenshot shows a web-based GIS application interface. The main map area displays an aerial view of a residential neighborhood with a blue line representing a water meter route. The route is marked with yellow circular icons representing water meter locations. A pop-up window titled "WATER METER GPS" is open, displaying the following metadata:

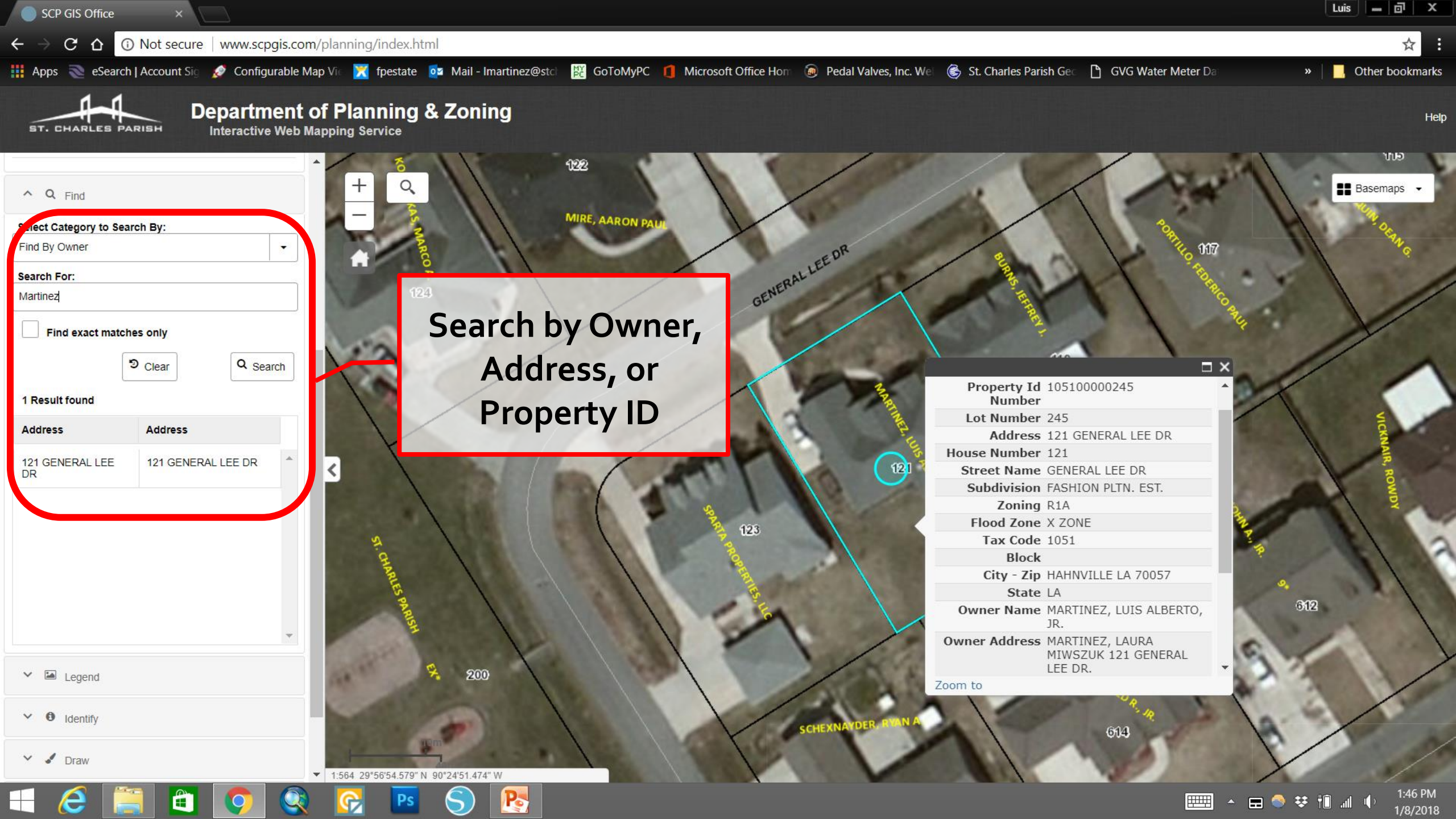
Objectid 1	345
Route	0144
Eid Num	0
Serial Num	231-30911235
Collected By	crew5.gvg@gmail.com
Correction Status	Code Corrected
Creation Date	2017-06-26T11:47:28.799403Z
Latitude	29.9037
Longitude	-90.350228
Gisid	340
Uid	Null

Below the metadata table, there is a "Zoom to" button. The map interface includes standard GIS controls: a search bar at the top left, a home button, and a basemap selector at the top right. The bottom left corner displays the coordinates: 1:2,257 29°54'13.326" N 90°21'00.889" W.

Planning & Zoning GIS

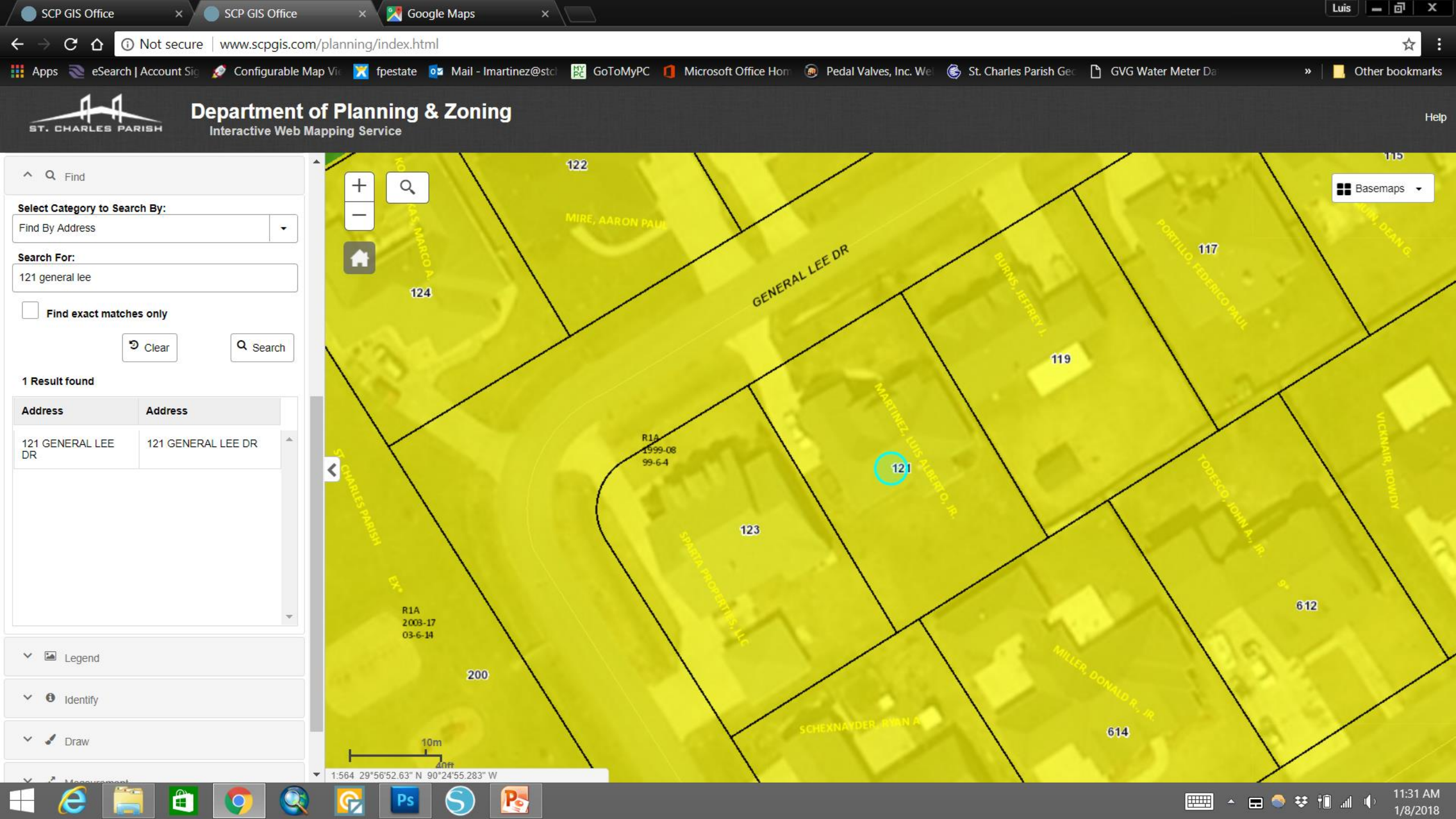
- Web based GIS application for public access
- Used in Code Enforcement
- Link to Elevation Certificates





Search by Owner,
Address, or
Property ID

Property Id	105100000245
Number	
Lot Number	245
Address	121 GENERAL LEE DR
House Number	121
Street Name	GENERAL LEE DR
Subdivision	FASHION PLTN. EST.
Zoning	R1A
Flood Zone	X ZONE
Tax Code	1051
Block	
City - Zip	HAHNVILLE LA 70057
State	LA
Owner Name	MARTINEZ, LUIS ALBERTO, JR.
Owner Address	MARTINEZ, LAURA MIWSZUK 121 GENERAL LEE DR.



SCP GIS Office

SCP GIS Office

846 South Fashion Blvd.

Google Maps

www.scpgis.com/planning/index.html

☆

⋮

Apps

eSearch | Account Sig

Configurable Map Vie

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Mail - Imartinez@scd

GoToMyPC

Microsoft Office Hom

Pedal Valves, Inc. Wel

St. Charles Parish Ge

GVG Water Meter Da

»

Other bookmarks

ST. CHARLES PARISH

Department of Planning & Zoning

Interactive Web Mapping Service

Help

Layers

Planning and Zoning

Addresses

Parcels

Zoning

ZBA

Subdivision Points

Building Footprints

Boundaries & Transportation

Plan2030

DFIRM's

Elevation Certificates

LOMR Properties

DFIRM

FldZnsA99

Aerials

Find

Select Category to Search By:

Find By Address

Search For:

Enter all or part of the address

Find exact matches only

Clear

Search

+

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Home

Basemaps

(2 of 2)

Elevation Certificates

Address846

Elevation Certificate

More info

StatusCurrent

Zoom to

12.257 29°56'39.354" N 90°25'17.49" W

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1/8/2018

Projects - 2018

- Drainage Database
- Water Meters
- Address Database
- Levee & Flood Control
Structure Monitoring



Thank You!

Luis Martinez

Geographic Information Systems

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Phone: (504) 235 - 1902

