

Innovating the Cajun side: Lafayette Parish Success Story

Warren Abadie, PE
Hunter Fontenot, PE



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PROJECT
GEAUX
MOW 



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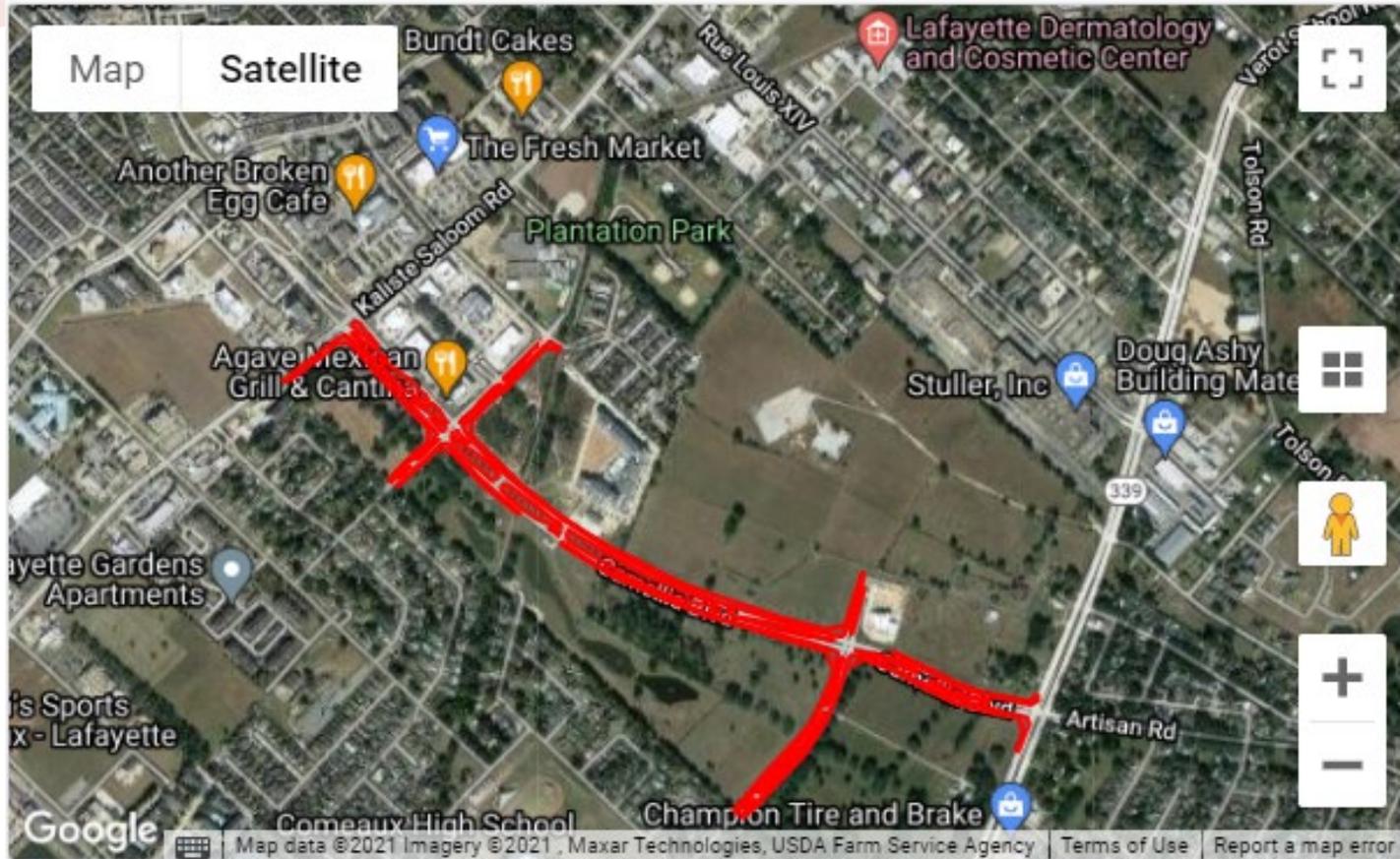
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Camellia Blvd - KStoVS

Job Type: Grass Cutting

[Hide Map](#)



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Make a Grass-Cutting Bidding System where private grass-cutting vendors could competitively bid for jobs.

Vendors can see current low bid and decide if they want to bid a lower price per cut



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Options	9561924	Hidden Acres	Wilson Lawn Service	\$60	11/08/2021, 11:59:59 pm	0 Days
Options	8447565	Arbolada Subvision	High Quality Service, LLC	\$90	11/08/2021, 11:59:59 pm	0 Days
Options	6732801	Garden District	High Quality Service, LLC	\$150	11/08/2021, 11:59:59 pm	0 Days
Options	6659585	Myrtle Pl - CONGtoAZALEA	Cajun Cultivation	\$90	11/08/2021, 11:59:59 pm	0 Days
Options	6270698	Roselawn Blvd	Cajun Cultivation	\$200	11/08/2021, 11:59:59 pm	0 Days
Options	1701156	Pamela	High Quality Service, LLC	\$200	11/08/2021, 11:59:59 pm	0 Days
Options	8844185	S Domingue Ave	AK Affordable Pest Control	\$220	11/08/2021, 11:59:59 pm	0 Days
Options	7636789	College @ Bertrand	Wilson Lawn Service	\$25	11/08/2021, 11:59:59 pm	0 Days
Options	2959444	Evangeline Thwy PinToSouth	Magnolia Lawn Management, LLC	\$6000	11/08/2021, 11:59:59 pm	0 Days



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The Amazon Web Server

- LAMP Stack
 - Linux (Ubuntu 18.04)
 - Apache Web Server
 - MySQL Database
 - PHP 7



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The Software Side

- Management and Vendor Logins
- Mapping Grass Areas with GIS
- Bidding System
- Invoice Generation
- Validation and Reporting



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The Numbers Today

- 25 Contractors
- 5,103 Jobs Completed
- \$1,756,045 on Open, \$1,526,174 Awarded
- 20,919 Acres of Grass Cut
- Server Cost \$100/month



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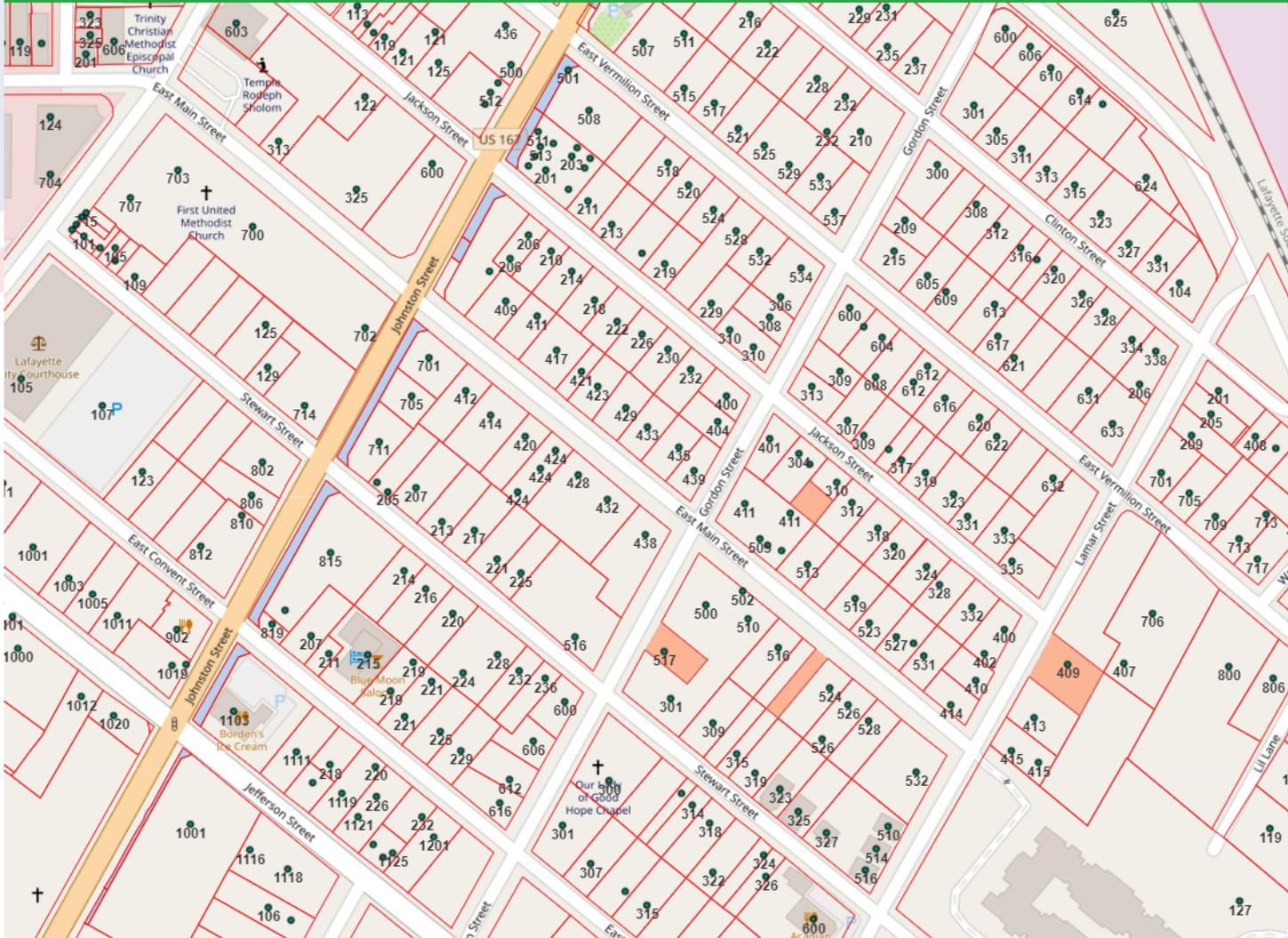


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The Process

- Inspector Responds to Complaint
 - Initial Inspection and Violation Letter Generated
 - 7 Days later, Violation is followed up on and put for Bid
 - Grass is cut by Vendor and Property Owner billed
-
- 6000 Violation Notices Issued
 - 1500 Jobs



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A graphic featuring a dark, stormy cloud with a bright blue lightning bolt striking the center. The word "STORM" is written in large, blue, serif capital letters across the top of the cloud, and the word "Mode" is written in a smaller, blue, cursive script font below it. The background of the slide has decorative curved bands in light blue and light red at the top, and red and dark blue at the bottom.

STORM Mode



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The logo features the words "STORM" and "Mode" in a blue, serif font. "STORM" is positioned above "Mode". The text is set against a dark, stormy cloud background with a bright blue lightning bolt striking the center of the word "STORM".

STORM Mode

The Problem

- Hurricane work requesting and tracking was unmanageable using paper
- No real time status or accurate number of pending request
- Possibly Hundreds to Thousands of Requests



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STORM Mode

The Solution

- Online Map where Dispatchers could place/assign Requests
- Management Tiering to Assign Requests
- Statuses and Notes for each Request
- Historic Lookup



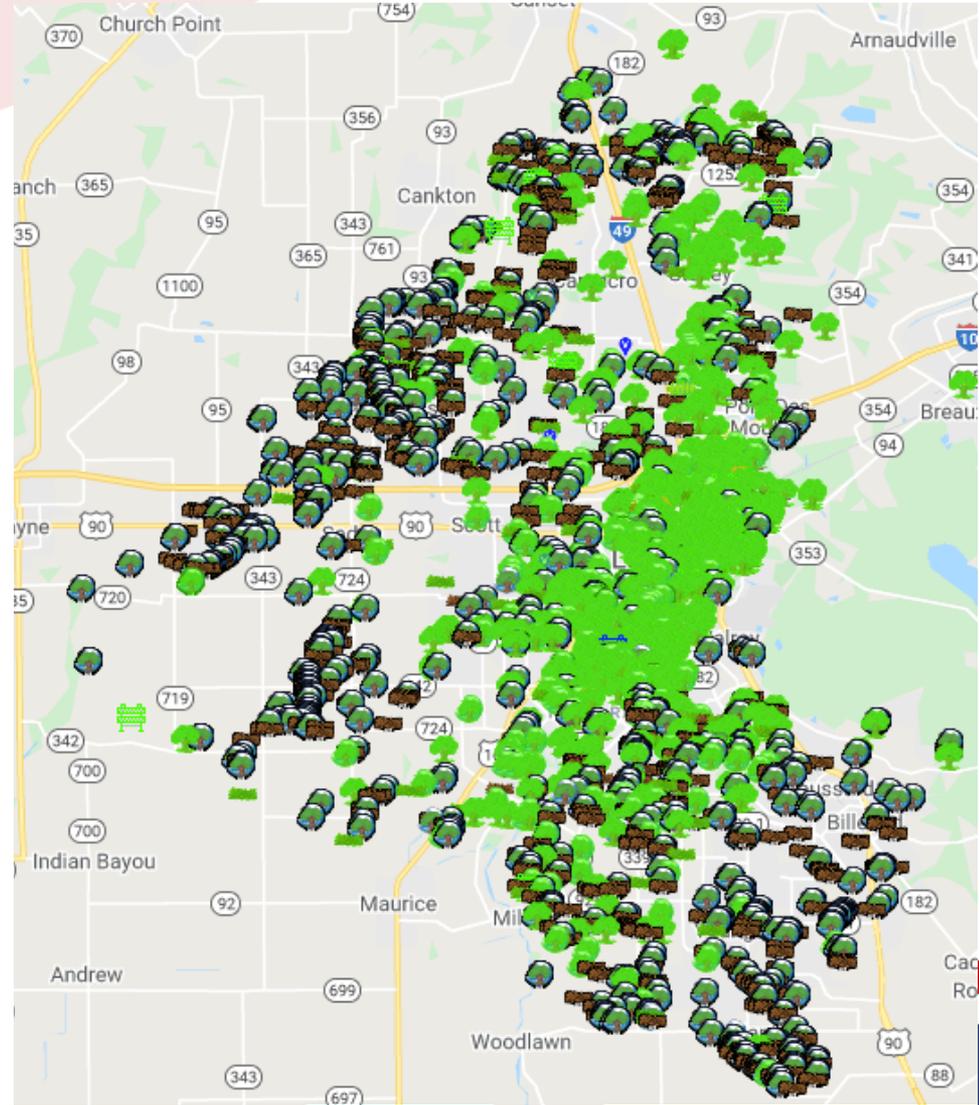
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STORM Mode

Hurricane Delta

- Managers, Supervisors, Foreman
- 2,414 Requests
- 690 Trees/Limbs Down
 - (includes Streets and Drainage)



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CONSOLIDATED GOVERNMENT

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