

**Project Name:** GRIDICS Geospatial Technology

**Date:** July 18, 2024

**Project Justification:** Zoning in any municipality can be complicated. It comes with hundreds of pages of regulations, overlays, permits, and special districts governing the use of each parcel.

As a static document, staff, citizens, developers, and stakeholders have to dig and cross reference through hundreds of pages of code documents.

Additionally, the quality of citizen service and information transparency often needs to improve as communities grow.

- Eliminate plan review errors
- Ensure citizens, staff, and developers always have access to the most current zoning resources
- Integrate zoning information across text, maps, and citizen self-service tools

**Overview:** **Geospatial technology solution provides parcel-level zoning data and intel to streamline and centralize all aspects of zoning management in one platform.**

*The benefit is allowing one to analyze existing zoning code, visualize development potential, and visualize by right development allowances.*

**Integrating and calibrating the Land Development Code over the City’s parcel-level information reveals where modifications and updates to the code should be considered.**

*This is valuable as makes completion of the Land Development Code update and/or updates to the code effective and efficient.*

**Gridics technology makes zoning information easy to find, interpret and understand.**

*It eliminates errors in plan review, reduces the need for additional zoning staff; reduces and saves time for staff, citizens, and those completing due diligence for properties within Flagler Beach.*

**Gridics technology provides transparency.**

*The technology allows the community to visualize the status of pending, approved, and under construction development sites.*

Goals and Objectives:

- 1. Streamline and centralize all aspects of zoning management in one platform.
- 2. Eliminate plan review errors.
- 3. Make parcel-specific zoning regulations and information easy to find, interpret and understand.
- 4. Visualize development potential.
- 5. Visualize status of pending, approved and under construction development site.
- 6. Model the maximum development capacity by-right showing square footage, gross buildable area, parking, etc., and calculate future infrastructure demand based on new and/or redevelopment.

Platform Overview

Unified Zoning Text, Map & Virtual Front Counter

1 MuniMap



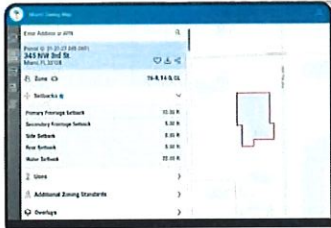
Customizable map with deep zoning data, property tax record info, property search, integrate with permit data, 3D visualization and more

2 CodeHUB



Modern code text publishing system allows staff/clerk to update changes directly, reducing confusion created by outdated versions

3 ZoneCheck



Virtualize your front counter with easy address and allowed uses lookup, reduce inbound questions to staff

- MuniMap:** A publicly accessible, multi-functional map application. Map modules consist of property records, layers, and filters. Ordinance integration is implemented by linking base zoning and overlays within the map to the respective areas of the text ordinance for ease of reference and navigation.
- CodeHub:** CodeHUB integrates seamlessly with zoning maps and citizen self-service tools to ensure Flagler Beach’s online zoning resources are up-to-date.
- ZoneCheck:** Zone Check makes it simple for citizens, developers, and stakeholders to access the data they need for any parcel in Flagler Beach. Each address search capability will be through address or parcel ID number.

**Zone IQ:** Zone IQ data can be used for forecasting, to analyze potential infrastructure demand, and to model potential incentives.



**ZoneIQ**

Analyze development potential & capacity scenarios in real-time 3D

Perform hours of zoning feasibility work in seconds at the parcel, assemblage, or entire neighborhood level.

[Learn About ZoneIQ](#)

**Project Scope:**

**Project Initiation**

Gridics Business Case/Demo for City Manager, Engineering, Finance
Gridics proposal to CM, Finance, Attorney - Sole Source
Gridics solution presented to PARB
Gridics proposal to City Commission
Gridics Scope and Contract to Attorney, City Manager, City Clerk, City Commission Agenda
Notice to Proceed/Execute Contract
Team Charter and Committee Selection
Coordinate w/County IT Taylor Phillips
Coordinate w/Property Appraiser GIS Supervisor
Identify Admin Users

**Data Collection & Systems Prep  
Calibration**

Prepare Base Maps
Provide GIS shapes/data
Prepare and import GIS data
Provide code text
Process and import code text

**Calibration**

Resolve data issues with Flagler
Read code & calibrate zoning engine
Calculate applicable parcels
Internal QA

**User Acceptance Testing**

Test projects & review parcels across zones & overlays
Provide feedback to Gridics
Adjust calibration
Final calculation & upload of updates

**Training**

Code Hub text editor training (1 session)
Planner & front counter staff training

**Launch & Closure**

Public link to Gridics
Press Release
Final billing

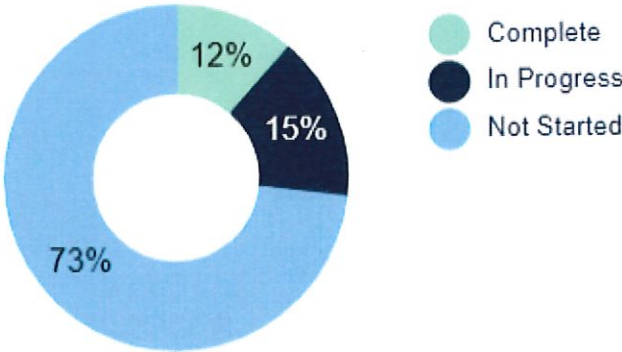


# Project Dashboard

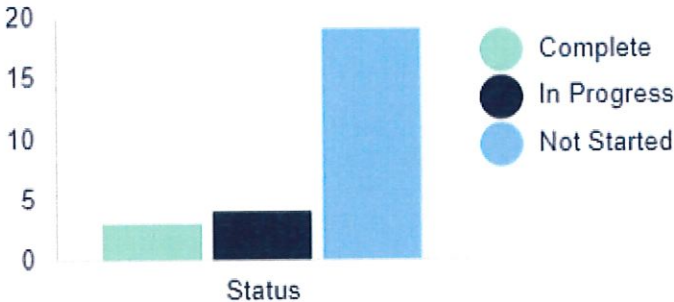
## Project Links

- [Task Sheet](#)
- [Task Summary Report](#)
- [Overdue Tasks Report](#)

## Project % Complete



## Tasks by Status





Tasks	Assigned To	Start Date	End Date	Status	Notes
Initiation					
Gridics Business Case/Demo for City Manager, Engineering, Finance	Lupita McClenning	06/14/24	06/14/24	Complete	
Gridics proposal to CM, Finance, Attorney - Sole Source	Lupita McClenning	06/25/24	06/25/24	Complete	
Gridics solution presented to PARB	Lupita McClenning	07/02/24	07/02/24	Complete	
Gridics proposal to City Commission	Lupita McClenning	07/16/24	07/25/24	In Progress	
Gridics Scope and Contract	Lupita McClenning	07/16/24	07/25/24	In Progress	
Notice to Proceed/Execute Contract	Lupita McClenning	07/26/24	07/29/24	In Progress	Pending City Commission Approval Regular Meeting 07/25
Team Charter and Committee Selection	Lupita McClenning	07/29/24	10/04/24	In Progress	Recommendations for Team Charter: Flagler County GIS, Flagler County Property Appraiser, Planning Department Subject Matter Expert (SME), Member of PARB, Member of City Commission, CRA Business Owner
Coordinate w/County IT Taylor Phillips	Lupita McClenning	07/09/24	07/24/24	In Progress	Taylor Phillips tphillips@flaglercounty.gov
Coordinate w/Property Appraiser GIS Supervisor	Lupita McClenning	07/18/24	07/18/24	In Progress	Todd Largacci tlargacci@flaglerpa.com
Identify Admin Users	Lupita McClenning	07/29/24	07/29/24	Not Started	
Data Collection & Systems Prep					
Prepare Base Maps	GRIDICS	07/29/24	08/05/24	Not Started	
Provide GIS shapes/data	Lupita McClenning	07/30/24	08/05/24	Not Started	Flagler County GIS Department
Prepare and import GIS data	GRIDICS	08/05/24	08/12/24	Not Started	
Provide code text	Lupita McClenning	07/29/24	08/02/24	Not Started	
Process and import code text	GRIDICS				
Calibration					
Resolve data issues with Flagler	GRIDICS	08/12/24	08/19/24	Not Started	
Read code & calibrate zoning engine	GRIDICS	08/12/24	08/26/24	Not Started	
Calculate applicable parcels	GRIDICS	08/27/24	09/03/24	Not Started	
Internal QA	Lupita McClenning	09/03/24	09/10/24	Not Started	
User Acceptance Testing					
Test projects & review parcels across zones & overlays	Lupita McClenning	09/11/24	09/18/24	Not Started	
Provide feedback to Gridics	Lupita McClenning	09/11/24	09/18/24	Not Started	
Adjust calibration	GRIDICS	09/19/24	09/26/24	Not Started	
Final calculation & upload of updates	GRIDICS	09/19/24	09/26/24	Not Started	
Training					
Code Hub text editor training (1 session)	GRIDICS	09/19/24	09/26/24	Not Started	
Planner & front counter staff training	GRIDICS	09/30/24	10/04/24	Not Started	
Launch & Closure					
Public link to Gridics	Lupita McClenning	09/30/24	10/04/24	Not Started	
Press Release	GRIDICS	09/30/24	10/04/24	Not Started	
Final billing	GRIDICS	09/30/24	10/04/24	Not Started	



