STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

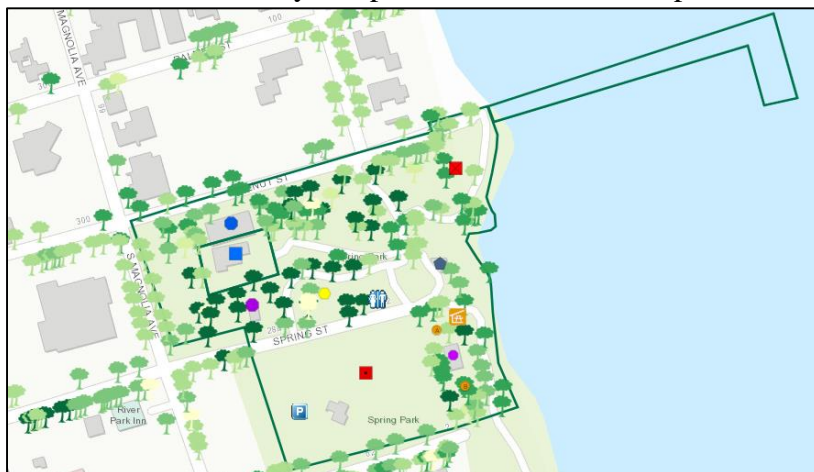|			
TO:	City Council	**MEETING DATE:**	June 15, 2021
FROM:	Heather Glisson, Planning Technician		
SUBJECT:	Final approval of the Comprehensive Online Mapping System *Heather Glisson*		

BACKGROUND

On February 16, 2021, City Council approved the award of Bid LC2021-01 for a GIS Design Consultant to develop a comprehensive online mapping system pursuant to the City's contract with the Department of Economic Opportunity for the Community Planning Technical Assistance Grant to the Geographic Technologies Group (GTG).

Since that time GTG, in coordination with City Staff, have created the Green Cove Springs GeoHub, which can be found at this link: GCS GeoHub which includes the following applications:
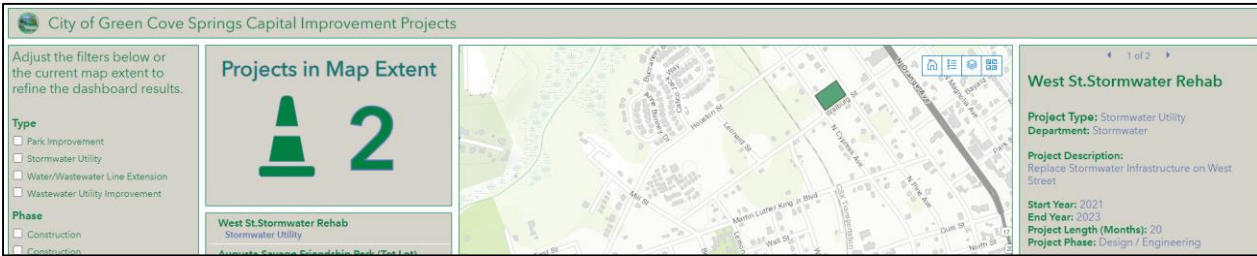
▪ **Parcels, Zoning, and Land Use Viewer**, containing parcel data, municipal boundary, existing land use, future land use, zoning, Gateway Corridor boundaries, Central Business District boundary, FEMA data, tree inventory, historic district boundary and historic contributing structures.

▪ **Curbside Services**, containing links to information about what can be picked up, as well as mapping what areas of town are picked up on what days for garbage, recycling, and yard waste.

▪ **Parks and Recreation Viewer,** which when zoomed out shows where the parks are in the city, and when zoomed in, shows the tree inventory and park structures, such as pavilions or basketball courts.
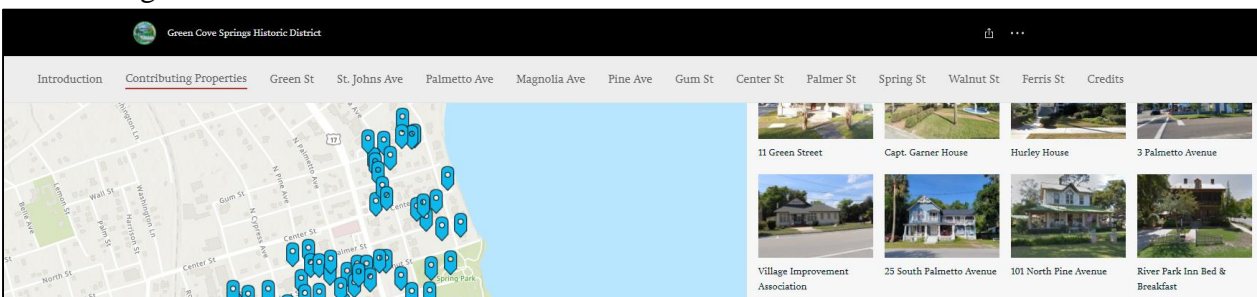
- **Capital Improvement Projects Dashboard,** which provides information on active projects.

- **Active Hurricane Tracker Dashboard,** containing active storm data, evacuation routes / zones, and FEMA data.
- **Damage Assessment Viewer,** which will be used during active storm events. The map is connected to a survey which collects damage data, whether an outage, a tree down, or a damaged building. The survey can be used by staff members or the public. When data is provided, Staff will additionally have space to provide a response, so community members know what has been reported, what is being worked on, and when it is resolved or expected to be resolved.
- **Building / Code Enforcement Viewer,** featuring active permits and code enforcement cases.
- **Internal Resources**
  - **Crash Surveillance Dashboard**, using Signal Four data to understand crash frequency and causes.

  - **Utilities Viewer**, showing water, wastewater, stormwater, and electric.
- **Historic District Story Map**, highlighting the City's nationally registered historic district, providing historical information, as well as featuring photos and any additionally available information about contributing structures.
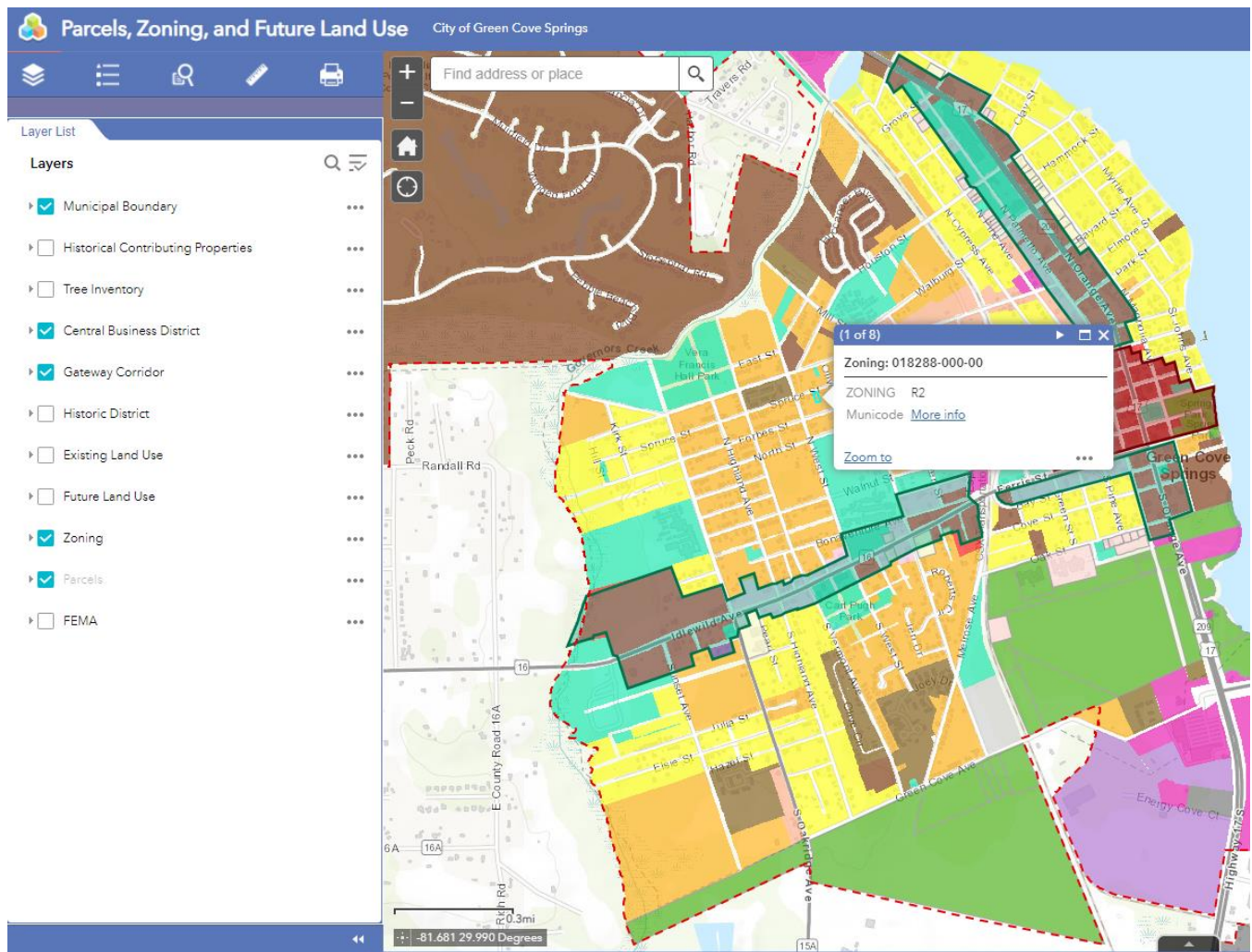
The Development Services homepage on the City's website links to the GeoHub, or the hub can be bookmarked for easy access. Look for the "Feedback" button on the GeoHub to take a short survey to let us know what you like about it and if there are any improvements you would like to see in the future.

Staff are excited to have the GeoHub available as it increases transparency and eases data sharing both between agencies, with developers, and with citizens. Citizens and developers will now have one more way to access needed information, such as what is a particular property's zoning or when is regular trash pickup.

In the future, staff intend to continue building out the GeoHub, adding new data as it is available and helping to tell the City's story through Story Maps that highlight the City's attractive assets. The GeoHub is also an excellent step toward Smart City Solutions, as it allows for easy exploration, visualization, and sharing of City data. As the hub grows, it will allow data to be contextualized, and provide valuable information to citizens, elected and appointed officials, and staff to assist in identifying strategic solutions to growth management related issues.

Here is a fuller glimpse of the Parcels, Zoning, and Future Land Use Viewer, followed by a look at the homepage of the GeoHub:

The funds for this project ($40,000) were awarded to the City by the Florida Department of Economic Opportunity (DEO) as part of the Community Planning Technical Assistance Grant, Agreement #P0402 (attached).

RECOMMENDATION

Staff recommends the approval of the Green Cove Springs GeoHub.