

It's real.

To: Mayor and City Council Members
Steve Parker, City Manager

From: Shane McDaniel, Director of IT; Travis Acklin, GIS Manager

Subject: Presentation of Seguin GIS Open Data Portal

Date: March 29, 2022

Through the FY21-22 budgeting processing, the city approved and hired its first dedicated GIS employee in December 2021. Per Council approval January 18, 2022, the city upgraded its legacy GIS licensing to an enterprise agreement soon after. The new enterprise agreement provided access to robust GIS licensing with substantial capabilities for internal and external data sharing and transparency.

Over the first quarter of 2022 in building out the industry recommended GIS architecture, six new GIS servers were added to the city's technology infrastructure establishing the baseline for GIS to be developed over the coming years. In conjunction with the GIS infrastructure build out, the Director of IT and new GIS Manager began conducting "GIS roadshow" meetings with all the city departments to discuss GIS capabilities, needs, and visioning respective to each departmental function. To date the GIS roadshow has taken place with 17 of the city departments.

With the new GIS infrastructure and enterprise agreement licensing established, access has been granted to identified city employees to help manage new interactive maps being created. An example would be the new low water crossing interactive map. After meeting with the Fire Marshall and Public Works, a new map detailing all the low water crossings was developed. In the event of a critical event, identified staff will be able to proactively manage the interactive map for public awareness in real time.

The presentation scheduled for this evenings Council Meeting is to preview the soon to be released Seguin GIS Open Data Portal. The website will be made available to the public and linked to the current city website. To date six interactive maps, eighteen static maps (PDF), and seven infographics have been built for the portal. Currently the GIS Manager has more than forty GIS requests in his queue derived from the GIS roadshow meetings.

The city is excited to share its GIS expansion with Council and the citizens of Seguin. Staff is available to answer any questions Council may have regarding the capabilities of this technology at your convenience.