

Fort Bend County

How Aurigo digitized one of the fastest-growing public works programs

CASE STUDY

Formerly a small community with only a few hundred thousand residents, Fort Bend, situated southwest of Houston, has rapidly become one of the nation's fastest-growing counties. In response to this growth, Fort Bend County's team required a streamlined, cloud-based project management solution to accommodate this expansion and ensure that the county is a safe and attractive place to live, work, and play.

Customer challenges

- The county managed their capital project data with several systems—Excel spreadsheets, an Access database, and paper files. Many project managers stored their personal files and communications on their work desktops. The team was dependent on nonintegrated systems and needed a unified method to manage their projects.
- The approach to document management was disorganized. Filing cabinets served as the primary document repository, a digital document storage system was used as an archive, and an electronic filing system stored vital documents.
- The team relied on a paper-based workflow, often depending on printed spreadsheets from multiple sources to keep track of projects in various stages of design or construction.
- Relying on manual data entry in different systems caused a duplication of efforts and left them prone to errors when inputting or tracking project data.

Aurigo at Fort Bend County

- Fort Bend County sought a system for capital project management, scoring, and justification. After evaluating multiple solutions during the RFP process, the county selected and implemented Aurigo's solution to streamline their end-to-end capital project life cycle.



- Located in southeast Texas and included in the **Houston-The Woodlands-Sugar Land Metropolitan Statistical Area**
- Spans a total of **885 square miles**
- Develops and maintains more than **1,602 miles** of roadway
- The **fastest-growing** county in Greater Houston (U.S. Census Bureau, 2021)
- Fort Bend is the **tenth most populated county** in the state of Texas

Business processes automated:

- Budget management
- Project management
- Construction contract management
- Jobsite management

- A key goal of implementing the solution was to streamline the often cumbersome, paper-driven processes. The county aimed to eliminate paperwork and increase efficiency by having automated workflows for review and approvals, enabling streamlined collaboration with consultants, construction managers, and contractors.
- Another leading objective was to introduce a centralized budget management and control system which supported the collaborative structure of their project team and provided the county with an automated system to manage projects, project data, contracts, and financial information for the department while providing reports and dashboards.
- Additionally, county team members needed quick and secure remote access to key information via mobile devices or tablets to make decisions swiftly, even when outside the office.

Impact



Increased transparency: With all the data stored in a centralized system, the county has established a traceable workflow. Group leaders can track employee progress on tasks, and contractors have visibility of pay application status daily instead of just at the end of the month.



Centralized, easy-to-use database: Current and historical data can be viewed and stored in one location and archived according to the standards and best practices for local governments and state agencies in Texas under the Local Government Records Act.



Manageable workflow: An integrated solution provides the ability to automate workflows for accelerated decision-making.



Remote access for all stakeholders: Sharing and updating information related to daily activities is seamless with real-time access to the system, available around the clock on any web-enabled device.

