

Memorandum

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

From: Melissa Reynolds, P.E., MPA, CFM, City Engineer

Through: Rick Cortes, Deputy City Manager

Subject: Resolution authorizing the City Council of the City of Seguin, Texas adopting a Drainage Master Plan; and declaring an effective date.

Date: January 20, 2026

Historical Background

In 2019, City Council approved a resolution to develop the Stormwater Program and Utility Fee Program, which can be used to address maintenance and/or upgrading of existing stormwater infrastructure, installation of new drainage structures, and flood control and prevention. This Stormwater Utility Plan included an initial list of recommended projects to be funded by Stormwater Utility, including:

- Aerial imagery, LiDAR and Impervious Area Flight (completed with Stormwater Utility Implementation in 2022)
- Inventory (completed in March 2025)
- Storm Water Criteria Manual (effective November 3, 2023)
- Drainage Master Plan

The Drainage Master Plan contract was awarded on September 3, 2024 to Halff & Associates, Inc. The engineering consultant collected data such as terrain, land use, FEMA mapping, loss data, subdivisions, drainage complaints, utility information and parcel data. A hydraulic and hydrologic model was developed. Using the hydraulic and hydrologic modeling results, Halff evaluated the City's existing storm sewer systems, detention ponds, and open channels. Conceptual project locations were identified based on approximate depth of flooding for the 25-year storm event. A prioritized project list was developed considering safety (structure flooding, street flooding, and downstream impacts), project cost, constructability, and stakeholder impacts.

The Drainage Master Plan creates programmatic documentation of project needs and prioritization to assist the City in planning, design, funding, construction, and implementation of projects.

Action Requested

The purpose of this resolution is to adopt the Drainage Master Plan as a guiding document and prioritization of stormwater projects in order to reduce flood risk.

It's real.

Procurement Methodology & Funding Source

There is no fiscal impact associated with this resolution. Future procurements for studies, engineering, or construction will be made according to the City of Seguin Purchasing Policy and the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, which is codified in Part 200 of Title 2 of the Code of Federal Regulations.

Staff Recommendation

Staff recommends adopting the Drainage Master Plan.

ATTACHMENTS

1. 2026-01-20 Resolution
2. Drainage Master Plan (Draft)