



Legislation Text

File #: 2019-0289, **Version:** 1

Consider a resolution authorizing the Mayor to execute a Contract for Engineering Services with Halff Associates, Inc. for the Chisholm Valley Storm Drain Improvements - Area 3 Project.

The City previously entered into an Engineering Services Contract with Halff Associates, Inc. for providing a drainage assessment of the Chisholm Valley Neighborhood Area. This area has a history of local drainage issues and flooding as identified by residents, property owners, and City staff.

Under the Chisholm Valley Drainage Assessment, the City previously retained Halff Associates to analyze the Chisholm Valley Neighborhood to identify and quantify local flooding and determine the level of service provided by the existing drainage infrastructure. A hydraulic 2D model was developed that identified potential flooded habitable structures and flood inundation areas outside of public ROW. After identifying all existing problem areas within the neighborhood, the project was subdivided into five areas and flood mitigation solutions were developed for the flood risk areas that were identified in the existing conditions analysis. A cost estimate was developed for each of the improvements. These estimates were used to determine the feasibility of each of the areas based on the total number of structures mitigated. Area 3 was selected as the area with the greatest number of mitigated structures.

The scope of services for this contract includes the design of construction plans and bidding documents for Area 3 of the proposed improvements for the neighborhood. The Utilities and Environmental Services Department recommends upgrades and new storm sewer infrastructure to mitigate some of the flooding. The goal is to reduce flooding in some of the areas with known issues by installing new storm sewer pipes and inlets to remove some of the structures from being inundated with stormwater.

Cost: \$131,535

Source of Funds: 2014 Drainage Revenue Bonds