



Legislation Text

File #: 2020-0300, **Version:** 1

Consider a resolution authorizing the Mayor to execute a Contract for Engineering Services with Freese and Nichols, Inc. for Lake Forest Drainage Assessment - Existing Conditions Project.

City staff recommends contracting with Freese and Nichols, Inc. for a drainage assessment of the Lake Forest Neighborhood Area. This area has a history of local drainage issues and flooding as identified by residents, property owners, and City staff. The local flooding in this area is due to multiple factors that are not related to creek flooding.

Local flooding is the term given to areas where flooding occurs due to problems with neighborhood drainage systems or a lack thereof. Creek flooding is commonly associated with the 100-year flood plain area. Local drainage systems often include pipes, curb inlets, manholes, roadside ditches, etc. These systems are intended to convey stormwater runoff to the creeks. Some of these neighborhoods were built prior to or under older engineering criteria.

Flooding occurs when runoff overloads the drainage infrastructure and flows into the streets and low-lying areas inundating yards, homes, and businesses. These issues can create traffic hazards and can cause property damage. Localized flooding can result from even minor storms.

Freese and Nichols will identify and quantify local flooding and determine the level of service provided by the existing drainage infrastructure and provide inundation maps for the area. City Staff would like to execute a Professional Services Agreement with Freese and Nichols Inc. for this assessment for 68,802.50.

Cost: \$68,802

Source of Funds: 2014 Drainage Revenue Bonds