



City of Denton

City Hall
215 E. McKinney Street
Denton, Texas
www.cityofdenton.com

AGENDA INFORMATION SHEET

DEPARTMENT: Finance

ACM: Cassey Ogden

DATE: March 5, 2024

SUBJECT

Consider adoption of an ordinance of the City of Denton approving and authorizing the City Manager to execute an agreement with the Department of the Army Fort Worth District under the Continuing Authorities Program (CAP) Section 205 to study, determine cause, and find a solution to the flooding of Cooper Creek and the adjacent areas; and declaring an effective date.

STRATEGIC ALIGNMENT

This action supports Key Focus Area: Promote Sustainability and the Environment.

BACKGROUND

The U.S. Army Corps of Engineers (USACE) Continuing Authorities Program (CAP) promotes comprehensive collaborative planning to formulate multipurpose projects that address flood risk management, ecosystem restoration, erosion control, and streambank protection. The program provides funding to conduct studies that allow the USACE Fort Worth District to plan, design, and construct projects of limited size, cost, scope, and complexity.

The City of Denton Environmental Services and Sustainability Department submitted a letter on June 29, 2023, to the USACE Fort Worth requesting assistance for a study to address the flooding in a residential area of Cooper Creek.

Cooper Creek has a 6,700-acre drainage area and is located in the Elm Fork Trinity River watershed. The stream segment of concern is a residential area built in the 1960s-1980s. Approximately 150 structures along Cooper Creek are at risk of flooding from the 100-year storm. Multiple arterial roadway crossings overtop at lower storm levels which reduces emergency services' ability to respond due to loss of connectivity and results in a safety hazard should any motorist attempt to cross the flooded roadway. Cooper Creek is becoming incised resulting in accelerated erosion, loss of riparian trees, and damage to private property with large rain events; debris from this stream reach has contributed to downstream flooding.

The USACE Fort Worth District chose Cooper Creek for a feasibility study to be authorized under the Continuing Authorities Program Section 205. The estimated cost of the study is \$600,000. CAP requires a cost share of a 50% match after the first \$100,000. The Federal share for this project is estimated at \$350,000 and the City of Denton's share of the projected costs is \$250,000.

RECOMMENDATION:

Recommend approval of the ordinance.

FISCAL INFORMATION

The City will use funds from Certificates of Obligations approved and budgeted for Drainage projects in Fiscal Year 2024 to fulfill the match requirement of \$250,000.

EXHIBITS

Exhibit 1 - Agenda Information Sheet

Exhibit 2 - Ordinance

Exhibit 3 - Letter of Request

Respectfully submitted:
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Prepared By:
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