



## Legislation Text

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**File #:** Res. 2018-21R, **Version:** 1

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**AGENDA CAPTION:**

Consider approval of Resolution 2018-21R, awarding a design contract to Alan Plummer Associates, Inc. of 630 La Calma Drive, Suite 400, Austin, Texas; for the Sunset Acres Drainage Preliminary Engineering services, in the estimated amount of \$187,900; authorizing the City Manager or his designee to execute the appropriate purchasing documents on behalf of the City; and declaring an effective date

**Meeting date:** 2/20/2018

**Department:** Engineering & CIP

**Amount & Source of Funding**

**Funds Required:** \$187,000

**Account Number:** C644

**Funds Available:** \$200,000

**Account Name:** Sunset Acres Subdivision Study

**Fiscal Note:**

**Prior Council Action:** NA

**City Council Goal:** [Please select goal from dropdown menu below]

Goal #5 Maintain & Improve City's Infrastructure

Choose an item.

Choose an item.

**Comprehensive Plan Element (s):** [Please select the Plan element(s) and Goal # from dropdown menu below]

- ☐ Economic Development - Choose an item.
- ☐ Environment & Resource Protection - Choose an item.
- ☐ Land Use - Choose an item.
- ☐ Neighborhoods & Housing - Choose an item.
- ☐ Parks, Public Spaces & Facilities - Choose an item.
- ☐ Transportation - Choose an item.
- ☒ Not Applicable

**Master Plan:** *[Please select the corresponding Master Plan from the dropdown menu below (if applicable)]*

Choose an item.

**Background Information:**

The Sunset Acres storm drain system that currently serves the subdivision is undersized. The system drains to a trunk line within the Texas Department of Transportation (TxDOT) right-of-way. TxDOT is in the early stages of designing improvements to I35 in the area of Sunset Acres. The City has approached TxDOT about increasing the capacity of the trunk line along I35 to receive the 25-year flow from an upgraded storm drain system.

In addition to the storm drain system being undersized, several streets have been repaved such that the gutters have been filled, reducing the carrying capacity. Also, the slopes of the gutters are relatively flat.

It is anticipated that the drainage improvements will require additional storm drain lines along roadways within the subdivision. The project will also require a complete reconstruction of the streets to increase the gutter slopes and restore/increase the carrying capacities of the gutters. Additional inlets and increased storm drain sizes will also likely be needed. Since the streets throughout the subdivision will be completely disturbed, the City will include wastewater line improvements as well as traffic calming improvements as part of the project.

This Resolution in the amount of \$187,900 will cover preliminary engineering services to determine improvements within the Sunset Acres Subdivision. This is a continuation of the work previously completed Preliminary Hydrology Engineering Report to coordinate with TxDOT concerning anticipated flows in the area. Scope of Services includes:

- Project coordination including meetings (kick-off, status, and with TxDOT).
- Data collection including review of previous project records, GIS, aerial imagery, existing utility records, site visits and conducting topographic surveys.
- Hydraulic analysis to determine existing drainage system deficiencies and improvements.
- Evaluate and determine propose methods for traffic calming and pedestrian/bicycle improvements.
- Prepare a Preliminary Phase Report including a summary of findings, proposed improvements, preliminary schematics, permitting and environmental considerations, preliminary opinion of probable costs (OPCC) and schedule for design and construction.

**Council Committee, Board/Commission Action:**

**NA**

**Alternatives:**

**NA**

**Recommendation:**

Staff recommends approval of design contract

