## **PROJECT BACKGROUND**

- A drainage study completed in 2018, identified a few areas in the Settlers Park Subdivision that have:
  - Excessive street ponding during major storm events
  - Are not in compliance with performance base criteria
  - Need drainage improvements



### Legend

### Depth Above Curb

- Meets Criteria (<9" Above Curb)
- Violates Criteria (>9" Above Curb)

### Ponding Relative to Slabs

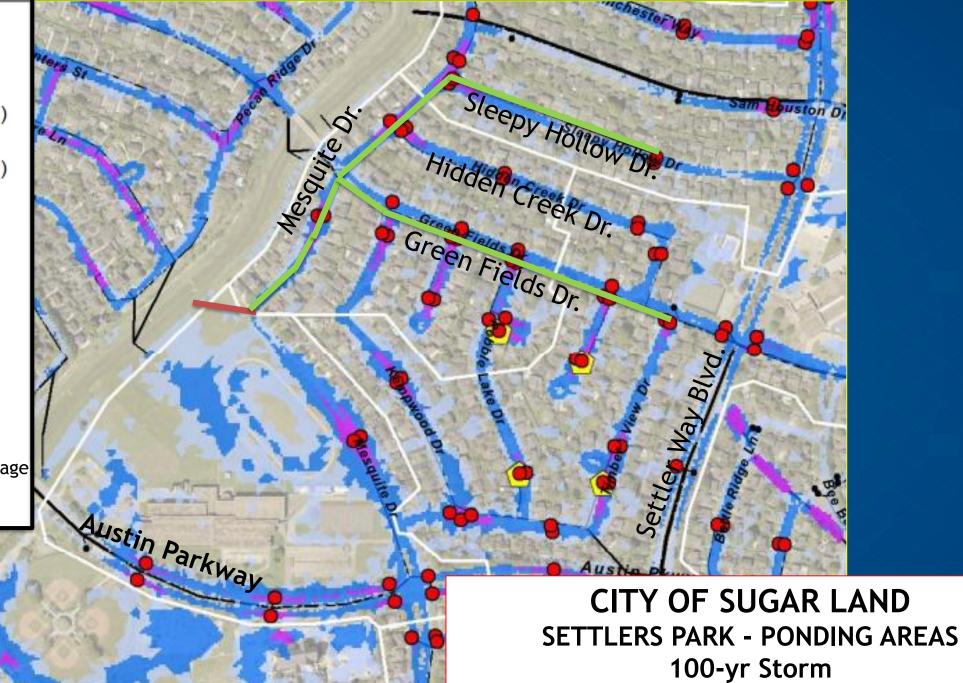


Less than 12" Below Slabs

### 100-yr Results

### Depth (inches)





Сітү O F SUGAR



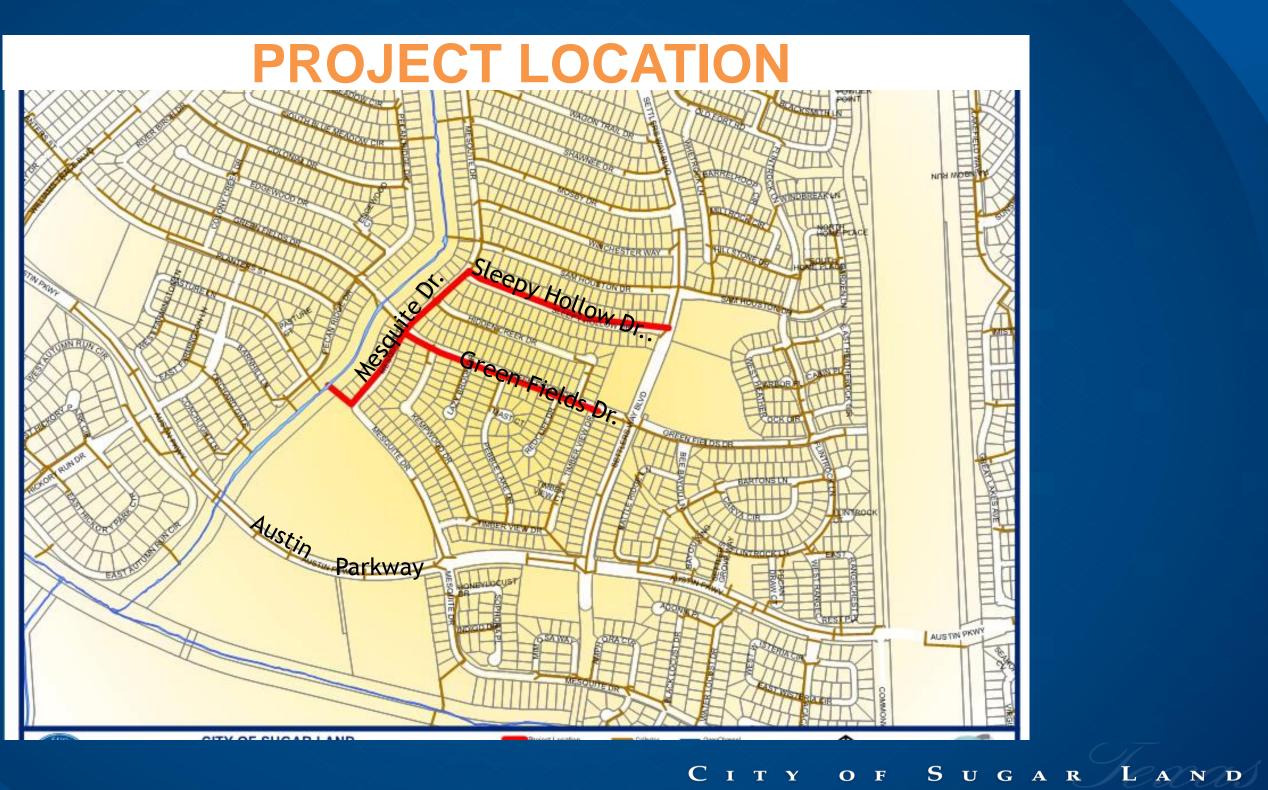
LAND

## **PROJECT SCOPE**

- This project includes the Mesquite North and **Green Fields West drainage improvements:** 
  - $\checkmark$  Storm sewer (upsized to increase capacity)
  - ✓ Water mains replacement
  - Concrete roadways reconstruction
  - Sidewalks (only affected locations)
  - Construction of a new storm drainage outfall into LID 2 Ditch "C"







# **DESIGN FIRM SELECTION / FEE/ SCHEDULE**

- > The selection was in accordance with City Policy **PU-109 for procurement of professional services**
- > Halff & Associates, Inc., was selected through review of 17 RFQs and interviews with 3 firms
- Design fee negotiated: \$542,850
- > Funds available CIP DR1903 / DR1904: \$560,000
- Schedule: Design completed December 2019





## **DESIGN PROJECT SCOPE OF WORK**

- $\succ$  The scope includes, but is not limited, to the following:
  - Project Coordination and Public Engagement
  - **Utility Coordination**
  - **Field Surveys and Easement Preparation**
  - **Geotechnical Investigation**
  - Permitting
  - **Design Plans, Specifications for Construction**
  - Probable Construction Cost Estimates
  - Bid Phase Services







### **REQUEST FOR APPROVAL**

Consideration of and action on a Professional Services Contract with Halff and Associates, in the amount of \$542,850.00, for design of the CIP **DR1903 and DR1904 Greenfield West and Mesquite** North Drainage Improvements Project in Settler Park Subdivision

## **CLARIFYING QUESTIONS FOR STAFF**



## **COUNCIL MOTION & DISCUSSION**

