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

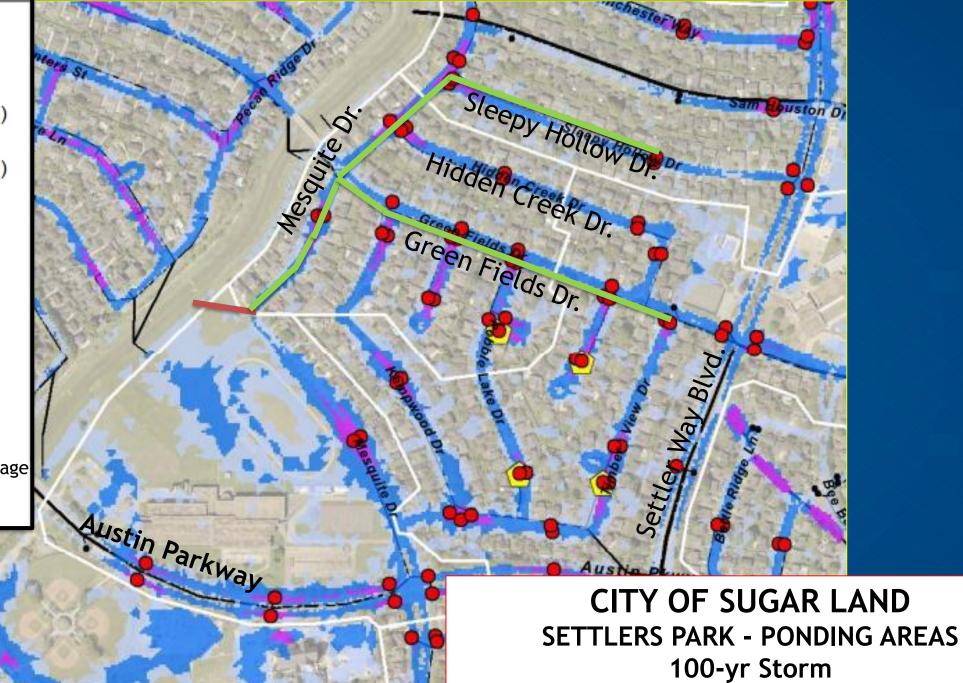


Less than 12" Below Slabs

100-yr Results

Depth (inches)





Сітү O F SUGAR



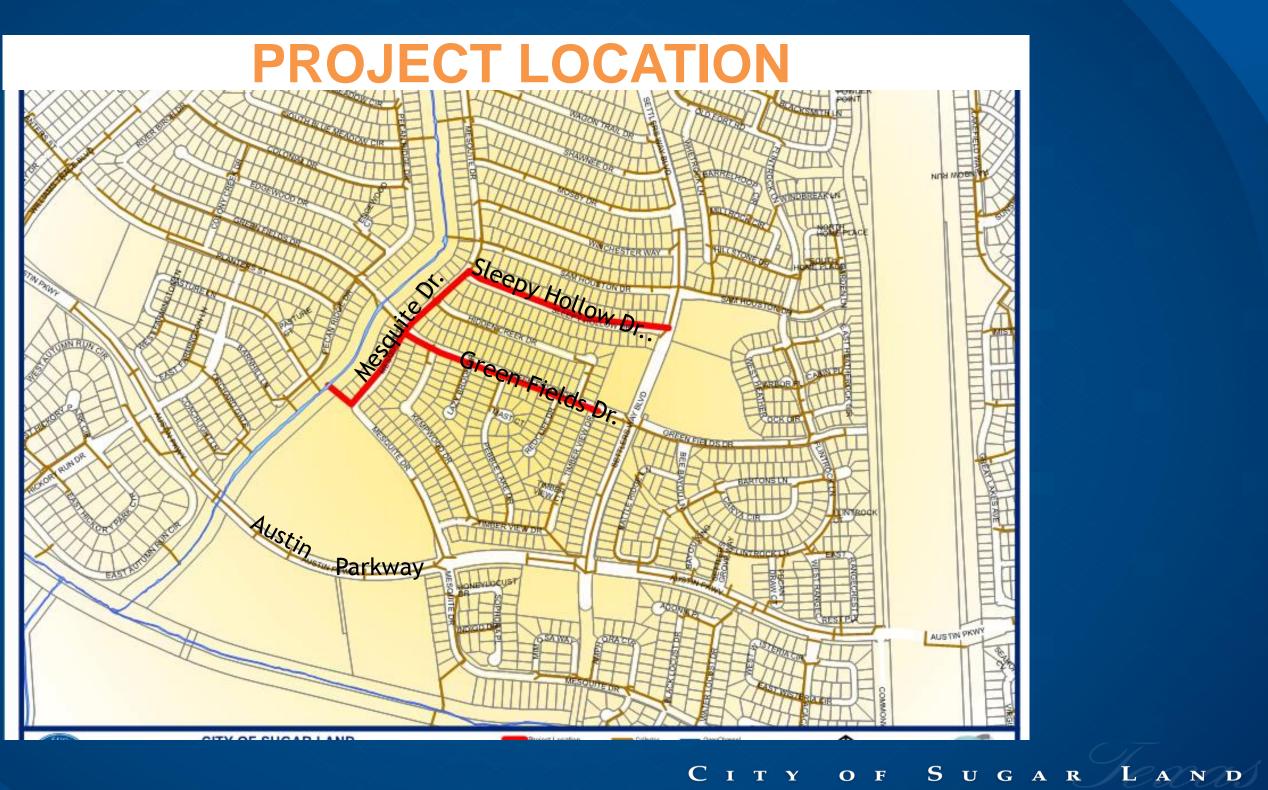
LAND

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

