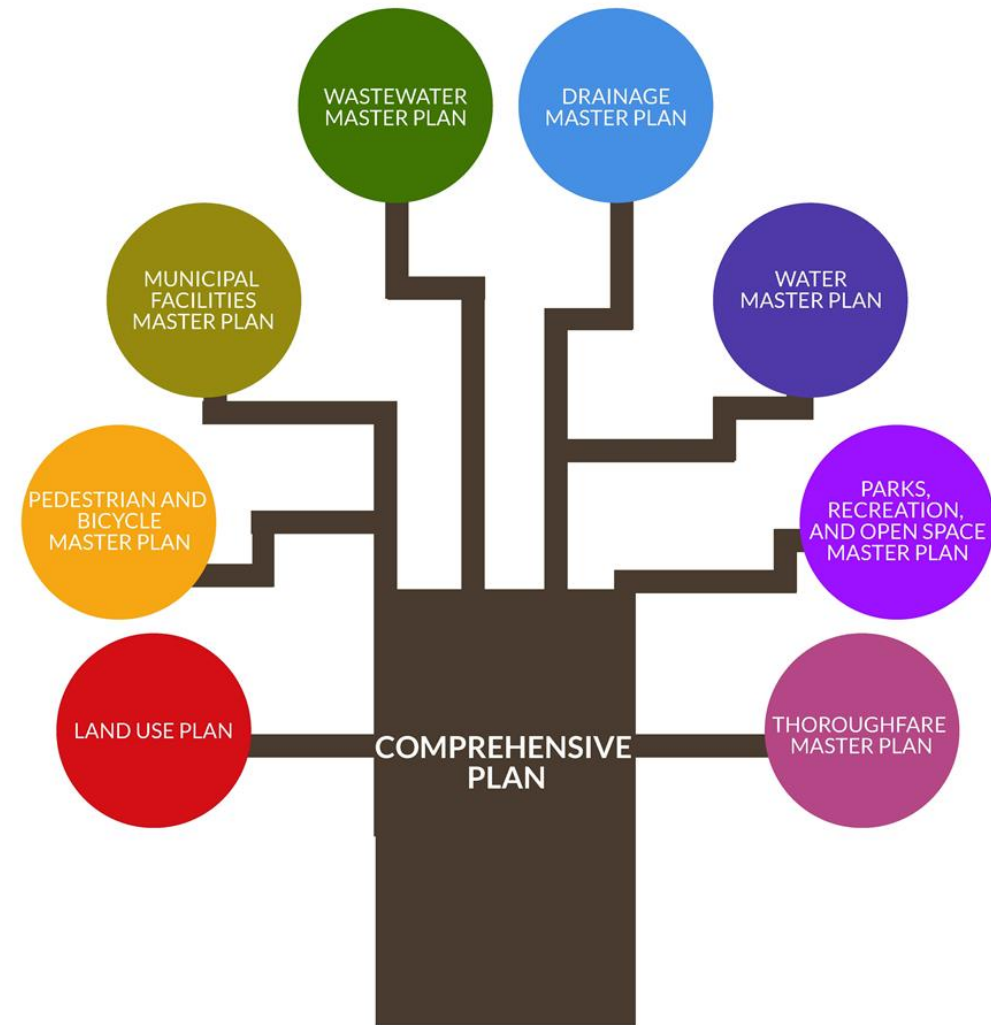


Master Plans

- 8 official master plans
- Elements of Comprehensive Plan
- Refine vision for particular subject area
- Documents policy direction
- Updated every 5-10 years



Project Background

- **Wastewater Master Plan:**
 - **1 of 8 master plans**
 - **Identifies long-range wastewater infrastructure needs**
 - **Last updated in 2012**
- **FY 17 & FY 18 Master Plan Annual reports**
 - **Identified need to update Wastewater Master Plan**

Goals and Objectives

Will refine the following Comprehensive Plan goals and related objectives:

- **Goal A: Safe Community**
- **Goal D: Environmentally Responsible Community**
- **Goal F: Great Neighborhoods**
- **Goal I: Regional Business Center of Excellence**
- **Goal J: Balanced Development and Redevelopment**
- **Goal K: Community Pride in Sugar Land**

Master Plan Update

Staff worked to develop 3 Objectives

- 1. Address current policy needs with respect to growth and development**
- 2. Expand the current planning area to include recently annexed Greatwood and New Territory**
- 3. Incorporate recommendations from the Integrated Water Resource Plan (IWRP)**

Wastewater Master Plan Update

Consultant Selection

- October 31, 2018 City Advertised RFQ
- November 29, 2018 City received 5 Submissions
- Evaluation team included
 - Planning
 - Engineering
 - Public Works
- January 16, 2019 interviewed top 2 teams
- After interviews, selected Freese and Nichols Inc.

Wastewater Master Plan Update

Task	Task Description
A	Conduct stakeholder kickoff meeting and initial data review
B	Evaluate and update planning policy
C	Analyze lift station peaking factor report/prepare summary mapping
D	Develop wastewater system inventory and update hydraulic model
E	Conduct lift station and manhole survey and measure downs
F	Conduct wastewater model calibration
G	Develop population and wastewater flow projections
H	Conduct existing and future wastewater system capacity analyses
I	Incorporate wastewater asset management studies
J	Incorporate reuse strategies from the IWRP
K	Develop wastewater capital improvements plan
L	Prepare master plan report summarizing policies and capital needs

Project Budget & Schedule

Schedule

- Wastewater System planning - 10/31/2019
- Wastewater System CIP - 05/31/2020
- Draft Wastewater Plan Report - 7/31/2020
- Final Wastewater Master Plan Report - 9/1/2020

Budget

- Total Contract Amount \$349,000
- Current Approved Budget \$350,000
- Funds are within the FY 19 Utilities O&M budget

Public Process

- **Planning and Zoning Commission**
 - Hold public hearing
 - Provide input and feedback on the draft plan
 - Make a recommendation to City Council
- **City Council**
 - Provide strategic direction during Plan development
 - Hold public hearing
 - Adopt Plan through ordinance

Recommendation

Staff recommends the authorization and approval of contract with Freese and Nichols for Wastewater Master Plan Update project in the amount not to exceed \$349,000.00.

CLARIFYING QUESTIONS FOR STAFF

COUNCIL MOTION & DISCUSSION