



TEXAS
SUGAR LAND

The FY19 Master Plan Annual Report Summary Document

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CONTENTS

Introduction	2
Implementation and Process	3
Master Plan Reports	4
Sugar Land Way	9
Schedule of Updates	10

FY19 Master Plan Annual Report

Introduction

What is a Master Plan?

Master Plans are elements of the Comprehensive Plan and further refine the City's vision for a specific subject area. This year, full reports were completed for the 8 master plans as well as the Comprehensive Mobility Plan. Reports were prepared by the owning departments Engineering, Environmental and Neighborhood Services, Parks and Recreation and Public Works

Drainage | Facilities | Water | Wastewater | Parks, Recreation and Open Space | Land Use Thoroughfare | Pedestrian and Bicycle

Why prepare an Annual Report?

The City has an existing interdepartmental policy regarding its official master plans. The policy outlines the purpose and process for creating and updating master plans. One of the components of the City's approach to updating master plans is conducting an annual report for each master plan. The primary purpose of the annual report is to assess the implementation progress of the master plans by highlighting accomplishments and identifying projects that will be implemented in the coming fiscal year. The annual report also provides for an assessment of when an update is needed to the master plan itself.

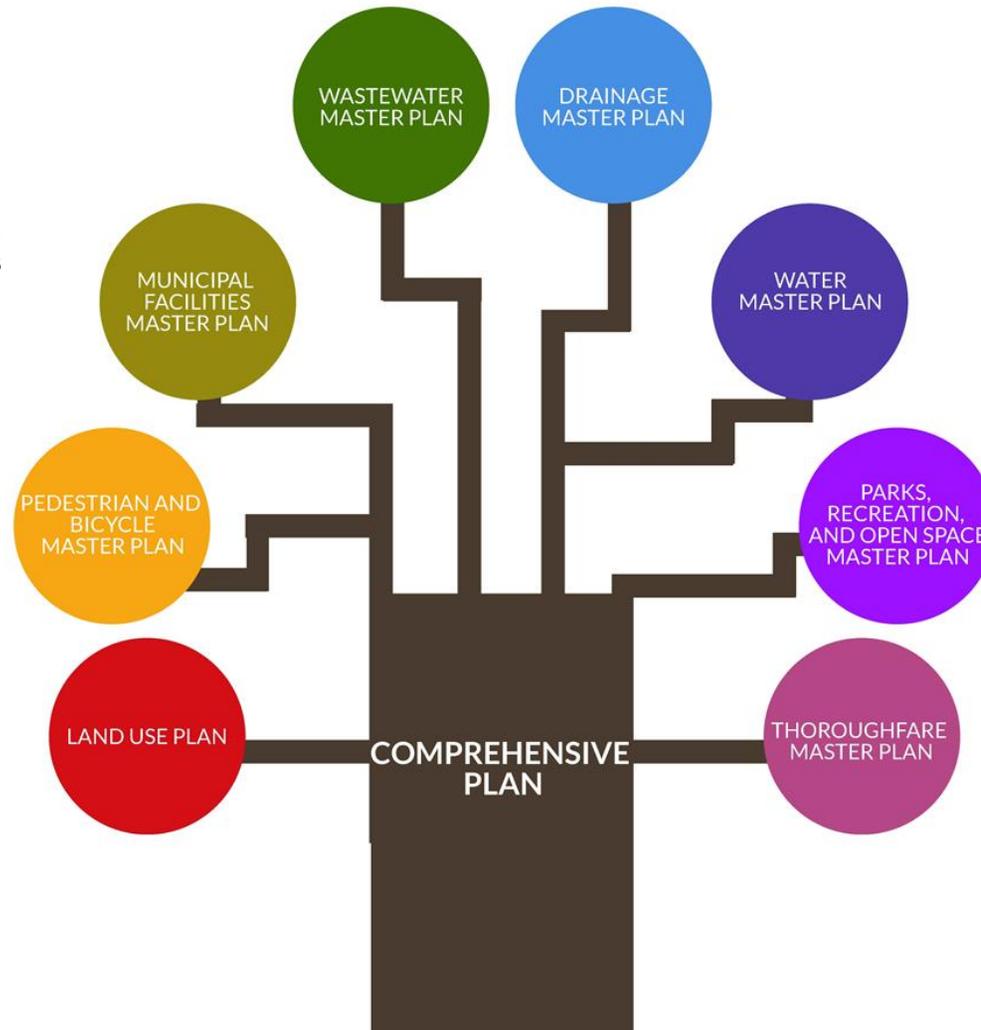


Diagram of Relationship of Master Plans to the Comprehensive Plan

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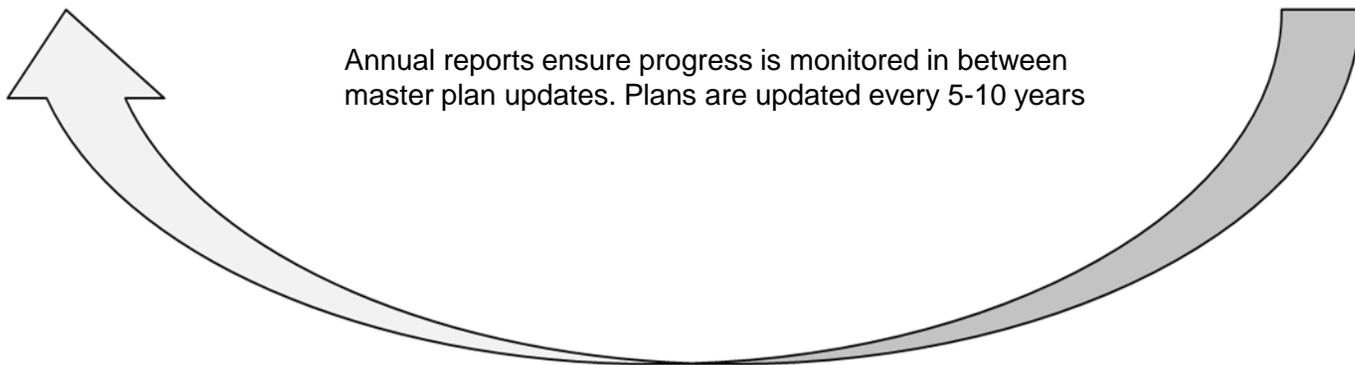
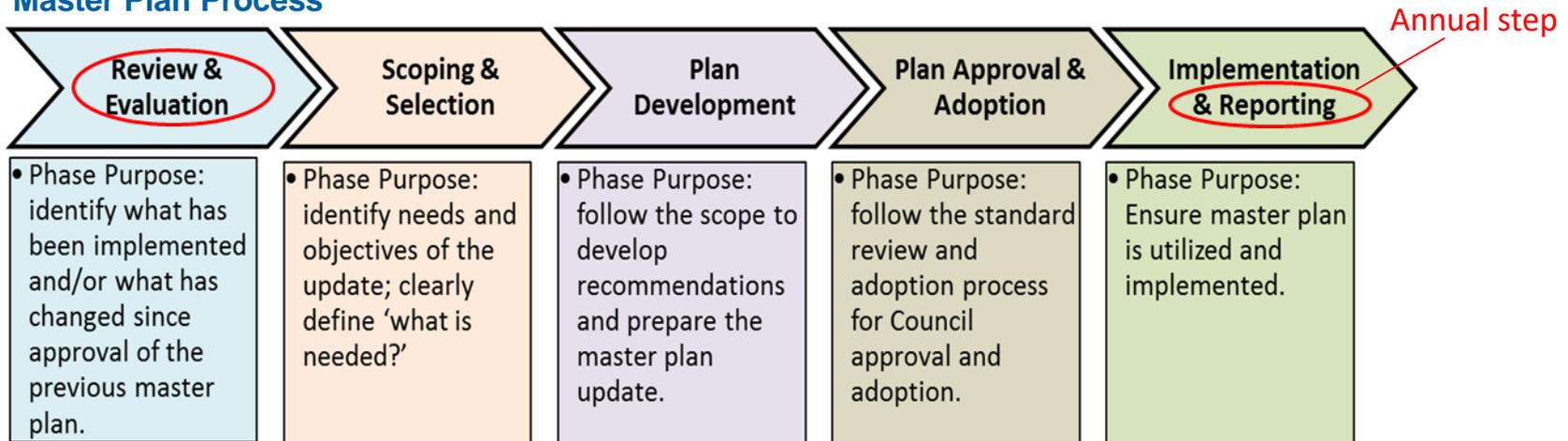
Ensuring Implementation and Process

Purpose of the Annual Report

The annual report serves as a progress report for the City's master plans. The 3 main purposes of conducting an annual review are:

- Allows for a formal review of the master plans on an annual basis to assess implementation progress
- Based on that review, staff can determine when an update is needed
 - i.e. a Plan is largely implemented or significant policy direction has changed or is needed
- Helps with the preparation of the annual work planning efforts
 - Identifying policy or other projects needed to implement the master plans

Master Plan Process



FY19 Master Plan Annual Report

Master Drainage Plan/ Facilities Master Plan



Master Drainage Plan Adopted 2014

- 75% of projects are complete
- Over \$4 million in drainage improvements in 2017 and 2018
- FY 19 Annual Report includes CIP projects that resulted from May 7 storm event, Hurricane Harvey, and major flood events

FY19 Major Accomplishments:

- Brazos River Erosion Study
- Lower Brazos River Watershed Study
- Flood Early Warning System Upgrades
- Covington Woods Drainage Improvements – Jess Pirtle Side Streets & Greywood Dr. Complete construction
- Ponding reduction and duration: Settlers Park Green Fields Dr. West and Mesquite North Drainage Improvements

FY20 Major Projects:

- Construction Projects:
 - Settlers Park Green Fields Dr. West and Mesquite North Drainage Improvements
 - Riverbend Control Structure Modifications in Oyster Creek at Dulles Av.
- Expected completion of Covington Woods Drainage Improvements – Sugar Land Middle School Relief Line and 7th St. Reconstruction



Facilities Master Plan Adopted 2015

- 85% of projects are complete
- Plan identifies staff and space requirements for ultimate build-out and interim staff and space needs

FY19 Major Accomplishments:

- City Hall Annex Foundation Repair
- Roof Replacement at City facilities – Roof replacement/reconstruction at Fire Station No.5, Fire Station No. 3 and T.E. Harman Center
- Brooks Street Buildings – Finalize 5 year Lease with ARC
- Facilities Condition Assessment Update
 - Evaluate current facility conditions, document inventory of facility infrastructure, identify existing deficiencies, & forecast capital funding requirements

FY20 Major Projects:

- Major roof and mechanical replacements, as well as other end of life appurtenances at various City facilities – T.E. Harman Center, Police & Courts Building, Fire Station No. 2.

FY19 Master Plan Annual Report

Water Master Plan/ Wastewater Master Plan

Water Master Plan Adopted 2015

- 36% of projects are complete
- The update occurred in two Phases
- Phase I identified 8 projects: 3 are complete and 4 programmed in the 5 year CIP
- Phase II identified 20 projects: 7 completed and 4 expected to be completed in FY20

FY19 Major Accomplishments:

- Completed Integrated Water Resource Plan (IWRP)
- Surface Water Reliability Study

FY20 Major Projects:

- Surface Water Plant Expansion – Preliminary Engineering Phase
- Surface Water transmission expansion to New Territory – Preliminary Engineering Phase
- IWRP Policy development
- Utility Rate Study



Wastewater Master Plan Adopted 2012

- 13% of projects are complete
- Exact timing of projects is dependent on development demand
- 15 projects identified in Master Plan update. 2 of 15 projects identified in plan have been completed.

FY19 Major Accomplishments:

- Completed Integrated Water Resource Plan
- Initiated Wastewater Master Plan Update

FY20 Major Projects:

- Develop Wastewater Master Plan update
- Utility Rate Study



FY19 Master Plan Annual Report

Parks, Recreation & Open Space Master Plan/ Thoroughfare Master Plan

Parks, Recreation and Open Space Master Plan Adopted February 2018

FY19 Major Accomplishments:

- 5% of projects are complete
- Implementation of Cullinan Park Development Phase I
- Community Events strategic project: Evaluate events to better serve Sugar Land residents.
- Membership evaluation at IPRC & T.E. Harman Center

FY20 Major Projects:

- Cullinan Park Development Phase II
- T.E. Harman Senior Center Study
- Facility Deficiencies Evaluation and Infrastructure Assessment
- Sponsorship Program for Special Events
- Park User Fees (such as athletic league fees) Re-evaluation
- Final Phase of BRP Phase II design



2,234
acres of
parkland

Master Thoroughfare Plan Adopted 2012

FY19 Major Accomplishments:

- 75% of projects are complete
- Master Thoroughfare Plan Update – Map Amendment
- Regional projects:
 - Construction of SH6 Widening and Dairy Ashford Rd. Widening
- Owens Road - Segment 1 – Routing Analysis

FY20 Major Projects:

- Completion of SH6 and Dairy Ashford Widening
- Owens Road - Segment 1 - Design Phase



FY19 Master Plan Annual Report

Pedestrian & Bicycle Master Plan/ Comprehensive Mobility Plan

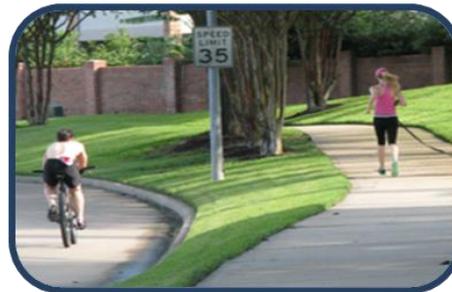
Future of Mobility Planning

The Thoroughfare Plan, Comprehensive Mobility Plan, and the Pedestrian and Bicycle Master Plan serve as action plans for specific areas of mobility within the City. A strategic project has been established to update and combine these three plans in order to establish one cohesive master plan to address mobility related policies and infrastructure. The goal is to ensure consistency in implementation and a comprehensive approach to mobility planning. The new Mobility Master Plan will be initiated in FY20.

Pedestrian & Bicycle Master Plan Adopted 2013

FY19 Major Accomplishments:

- 23% of projects are complete
- Wayfinding Policy (Ped/Bike) defining minimum requirements for Wayfinding signage implementation.
- Identified phase 1 of infrastructure improvements for the Safe Routes to School Program.
- Sidepath completion of Dairy Ashford Rd from US 90A to US 59 - East Side of St.



FY20 Major Projects:

- Initiate Mobility Master Plan Development
- Ditch H Trail – Design/Construction
- First Colony Area Trails – Design/Construction
- Initiate Multimodal Connectivity Pilot Study



Comprehensive Mobility Plan Adopted 2011

FY19 Major Accomplishments:

- 66% of projects are complete
- Intelligent Transportation Systems (ITS) – Continue to expand and improve
- Developed a Wayfinding Policy
- Advocacy for Regional Projects:
 - 2020 Unified Transportation Program
 - 2045 Regional Transportation Plan (RTP), 2045 Active Transportation Plan (ATP), and Transportation Improvement Program (TIP).
- Safe Routes to School (SRTS) grant application

FY20 Major Projects:

- Initiate Mobility Master Plan Development
- Initiate ITS Master Plan Update



FY19 Master Plan Annual Report

Land Use Plan

Land Use Plan

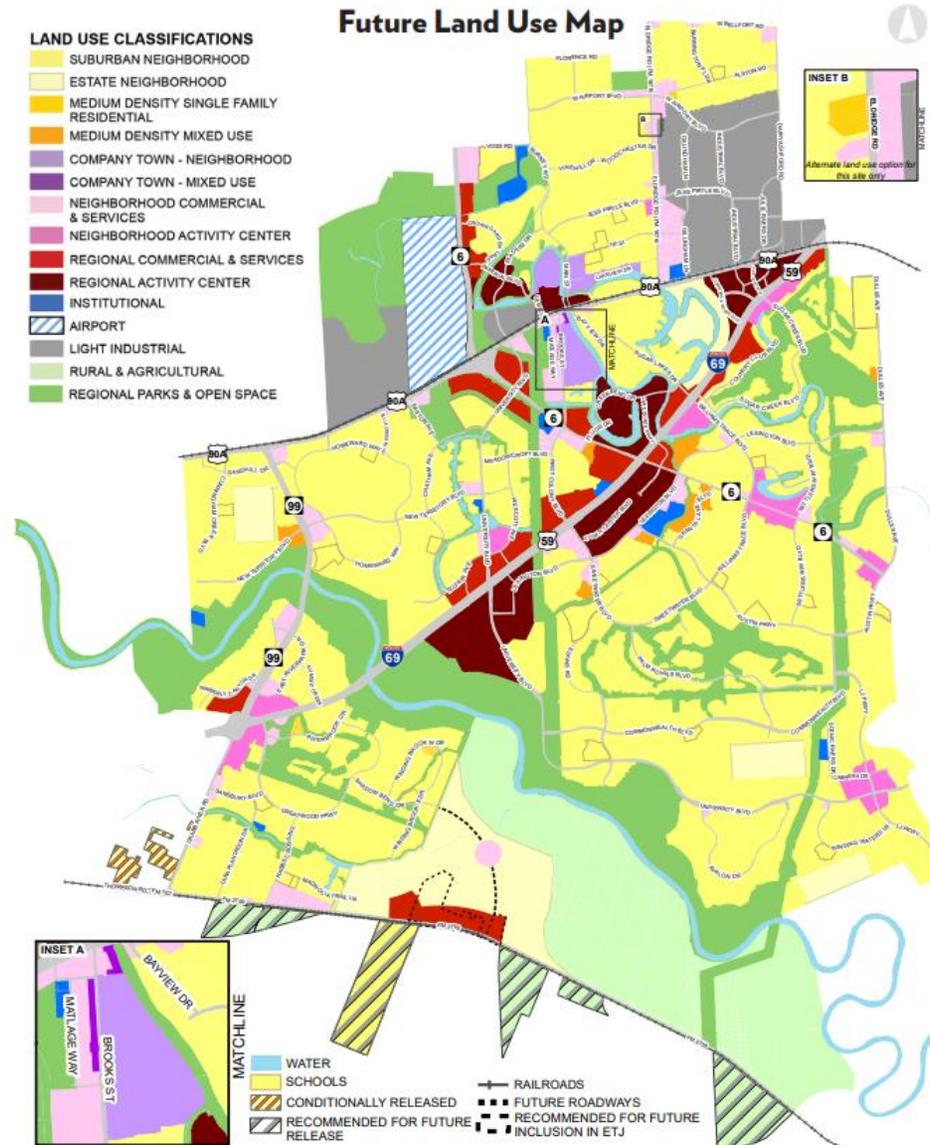
Adopted August 7, 2018

FY19 Major Accomplishments:

- Company Town Neighborhood Community Character Discussion
 - Public Engagement and vision development of The Hill Community Engagement project
- Evaluate zoning districts and regulations for consistency with the Land Use Plan and built environment
 - Initiated research and review of Development Code and zoning map, conducted field work

FY20 Major Projects:

- Activity Centers Implementation/Retail center redevelopment
- Company Town Neighborhood Community Character Discussion
 - The Hill steering committee will refine recommendations and draft changes to Development Code
- Evaluate zoning districts and regulations for consistency with the Land Use Plan and built environment
 - Modify Development Code and rezone properties to implement findings



Pursuant to TX LGC - Ch.213 - Sec. 213.005, a comprehensive plan shall not constitute zoning regulations, or establish zoning district boundaries.

FY19 Master Plan Annual Report

FY21: Implementing the Sugar Land Way

Introduction

This year Owning Departments were asked to evaluate Master Plan projects in light of the Sugar Land Way. Departments documented projects that should be initiated or continued in FY21 in order to implement the Sugar Land Way. These projects are listed below.



Infrastructure Investment &

Rehabilitation Funding: Maintaining aging infrastructure and facilities at the high level expected by Sugar Land residents

- Complete Wastewater Master Plan Update
- Initiate Water Master Plan Update
- AMI Implementation
- Develop GCWA Pumping Agreement
- Significant investment in Drainage infrastructure – 10 projects (pending General Obligation Bond approval); representing \$47.6 million dollars
- Soldiers Field Ct. extension to Hwy 6 and roundabout at First Colony Blvd./ Soldiers Field Ct. (pending General Obligation Bond approval)

Community Appearance: Constantly improving the appearance of the community

- Signage and Wayfinding System in Parks

Facilities & Public Safety Investment: Ensuring Sugar Land remains safer than ever before by building upon years of investments in facilities and public safety innovations.

- Animal Shelter Building - Design/Construction (pending General Obligation Bond approval);
- Emergency Operation Center/Dispatch – Design/Construction (pending General Obligation Bond approval);
- Facilities Master Plan update

Economic Powerhouse/ Financial Leader/ Quality of Life/

Strengthened Resilience: Building upon Sugar Land's position as an economic powerhouse and financial leader (as well as a focus on strengthened resilience) that allows the city to improve its quality of life and minimize the residential tax burden.

- Evaluate best way to implement the Activity Centers categories and Retail center redevelopment as defined in the Land Use Plan
- Update the Economic Development Strategic Plan
- Develop the Mobility Master Plan - Combine Thoroughfare Plan, Pedestrian Bicycle Master Plan and Comprehensive Mobility Plan to address overarching topics, including Complete streets, Transit, Funding and Technology.
- Prepare a revised master plan for the 65-acre Community Park at Telfair
- Evaluate Duhacsek Park Event Venue
- Evaluate and pursue public – private partnerships for development of parks and recreation facilities
- Design and construction of Ditch H Trail
- Construction of First Colony Area Trail
- Construction of Owens Road – Segment 1



FY19 Master Plan Annual Report

Planning Beyond FY19: Schedule of Master Plan Updates

Looking Ahead: Future Master Plan Updates & Amendments

Each year during the Master Plan Annual Report process, Planning staff coordinates with the owning departments to prepare recommendations as to when each Master Plan should be updated again. These recommendations are based on City policy and this year’s evaluations of the Master Plans.

- City Policy requires updates to Master Plans every 5 to 10 years, with Plan updates beginning by the 7th anniversary of approval
- In order to meet the policy requirement, a new Master Plan update should start almost every year
 - Some owning department recommendations for timing of updates differ from the table below due to staff limitations, City Council and public capacity to update numerous plans at one time
- Each year the Planning Dept. will request funding for Master Plans to start/ continue a Master Plan Update process. Scoping/ strategic projects will begin in year prior to funding.

Recommended Plan Update Schedule

Plan	FY of Last Plan Approval	Next Update Recommended – Begin Date (FY Funding)	Amendment or Update?	What will it address?
Wastewater	FY12	underway	Update	Results of IWRP; Address Non-MUD ETJ utility extension policy issue; incorporation of Greatwood & New Territory in WW model
Comprehensive Mobility Plan	FY11	FY20	Update/ New Plan	Consolidation of mobility related plans; Address policy questions related to Complete Streets/ Mobility System, Transit, Funding, and Technology
Thoroughfare	FY11			
Ped/Bike	FY13			
Water	FY15	FY20	Amendment	Expand service area/ water model to south of Brazos/ Greatwood area
Facilities	FY15	FY21	Update	Results of ongoing building condition assessment; facilities planning
Drainage	FY15	FY21	Amendment	Recent Brazos River flooding mitigation and coordination efforts
Comprehensive Plan	FY12	FY22	Update	Incorporate results of 2020 Census; reconfirm vision with community
Land Use	FY18	FY24	TBD	TBD
Parks	FY18	FY25	TBD	TBD

What’s the difference between an Amendment and an Update?

- **Master Plan Update** - a major change to a Master Plan. Major updates to plans include full evaluation of the plan’s goals and objectives, recommended projects, data and text.
- **Master Plan Amendment** - a minor change to a Master Plan. Minor amendments to Master Plans may occur more frequently than major updates. Amendments may be necessary to reflect changes in technical information, clerical errors (e.g. typos or inserting missing documents), or progress on implementing the plan based on results of the Master Plan Annual Review.

City of Sugar Land master plans direct the long-range development of the City through implementation of the vision and policy guidance contained in the Comprehensive Plan. The City's eight official master plans identify strategies and initiatives for specific public need. In addition, long range planning and implementation of master plans helps to further the City's vision and Council goals and is a value to our residents which includes:

- City services responsive to needs of residents
- Preservation of Sugar Land's character and lifestyle
- Protection of Sugar Land's character, beauty and "curb appeal"
- Predictable, planned development and redevelopment
- City striving to create a sustainable community for the long term
- Enhancement of property values for homeowners and investors
- Safe, easy movement within Sugar Land and to the region
- Increasing choices for travel beyond using your automobile
- Maintaining a balanced tax base
- More leisure time since able to live near work
- Place to celebrate cultural festivals and events
- Pride in Sugar Land



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