

**Planning Commission**

**WORKSHOP**

**Transportation Planning**

Planning & Development Department

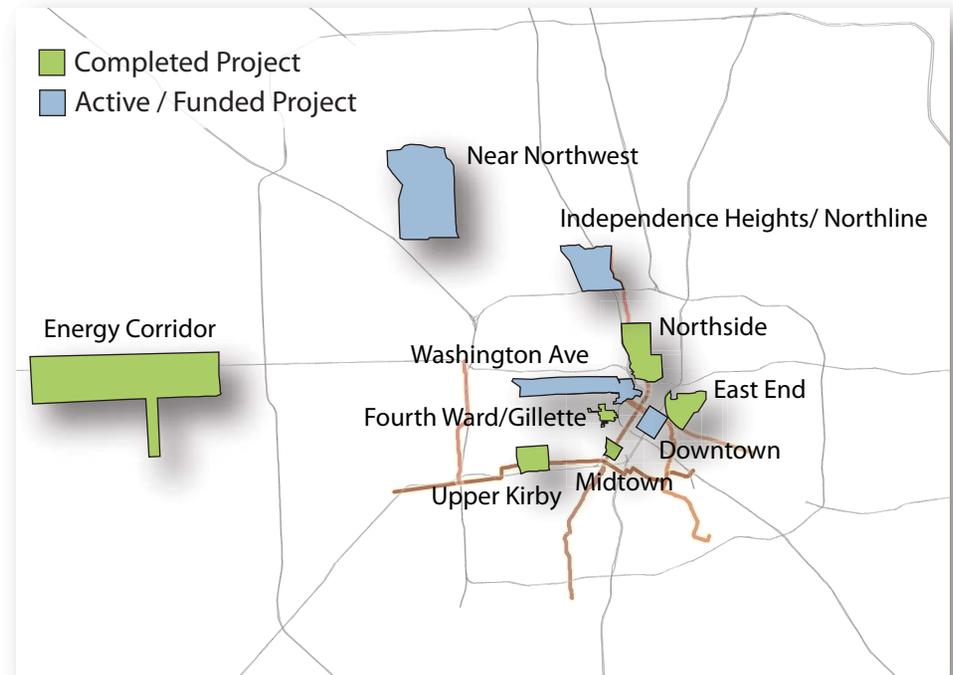
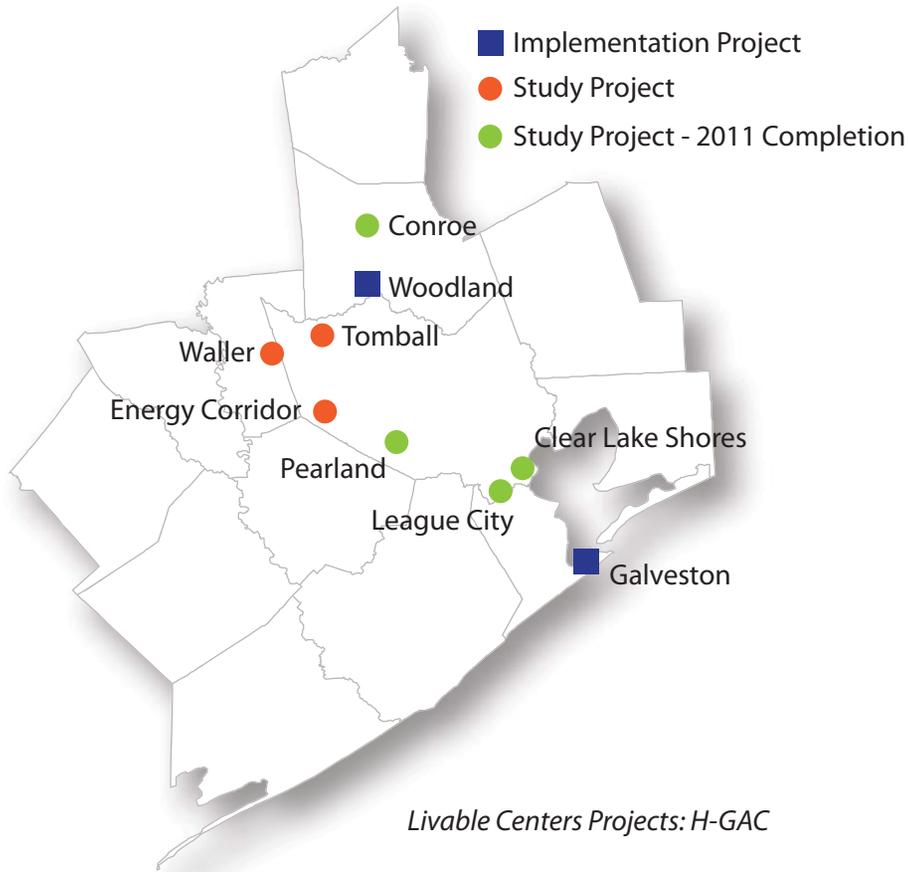
Mayor's Conference Room City Hall Basement

April 14, 2011

## Livable Centers

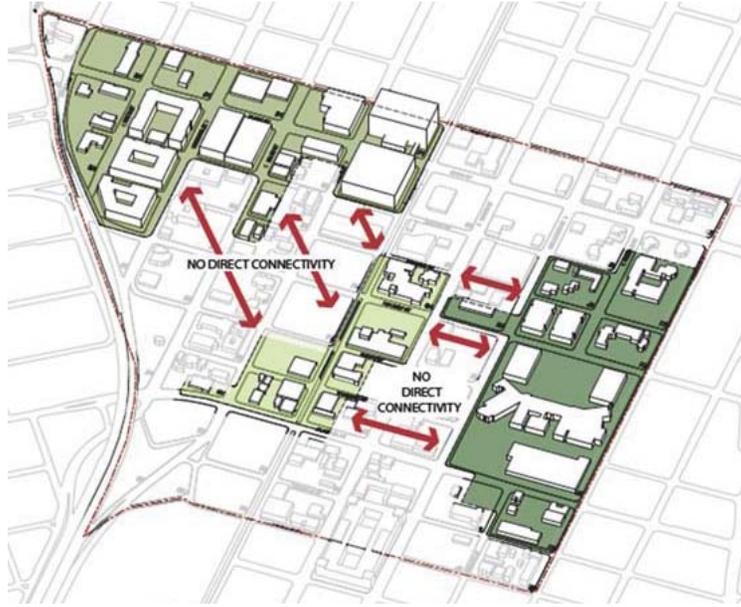
### A New Growth Strategy

- By 2035, the eight-county Houston-Galveston region is expected to grow by an additional 3.5 million people.
- Accommodating this growth will overburden the region's transportation network unless we identify ways to reduce vehicle trips.
- H-GAC's 2035 Regional Transportation Plan lays out a new strategy to address this growth - Livable Centers. These places are safe, convenient, and attractive areas where people can live, work, and play with less reliance on their cars.



Livable Centers: Midtown

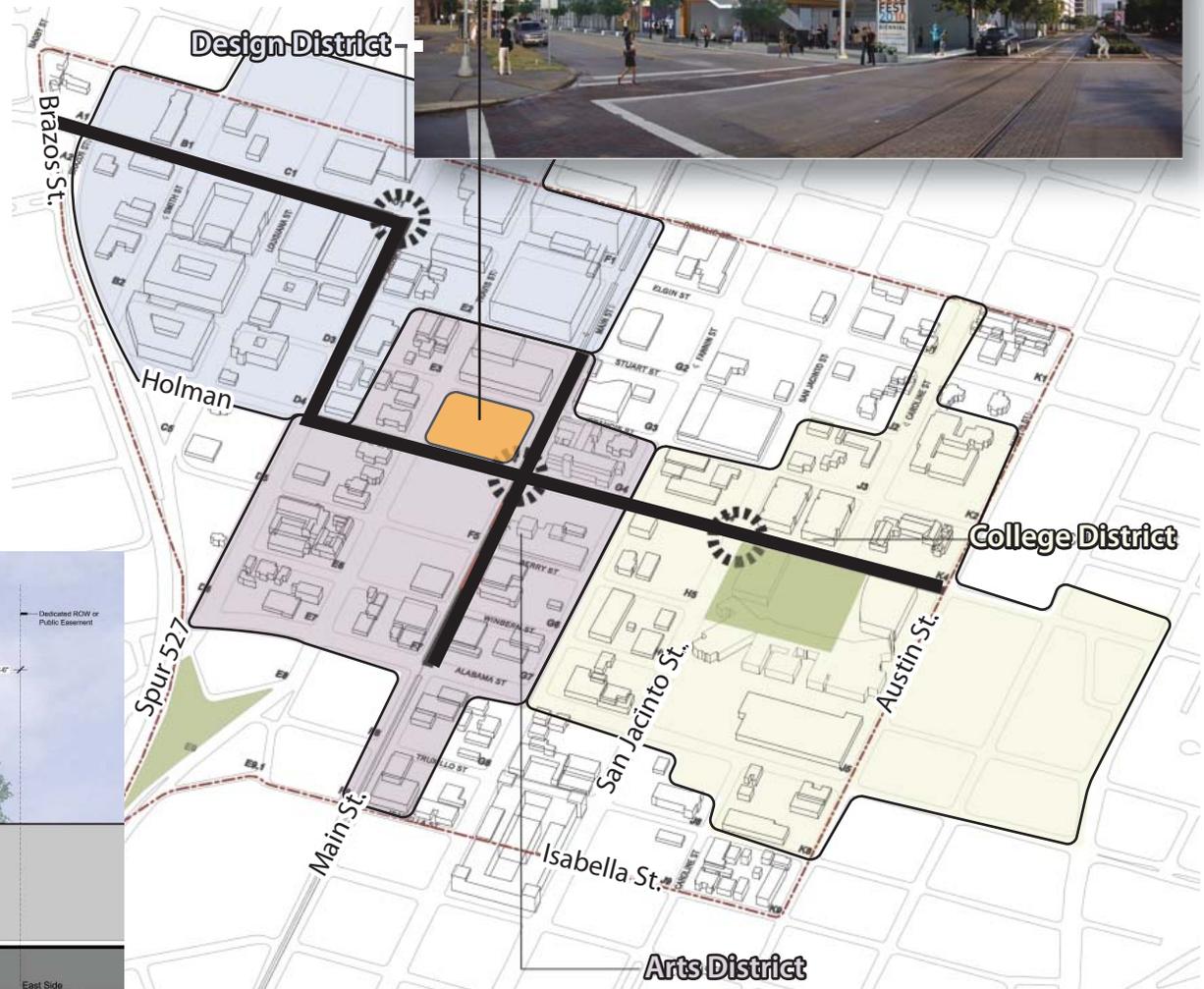
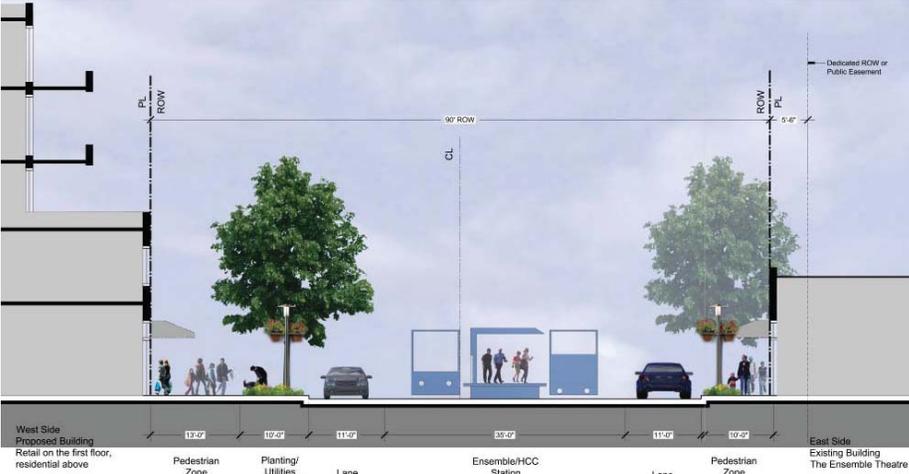
Proposed Pedestrian "Z" Linkage Strategy Prioritizing Improvements



Proposed 'Independent Arts Collaborative' Catalyst to Redevelopment

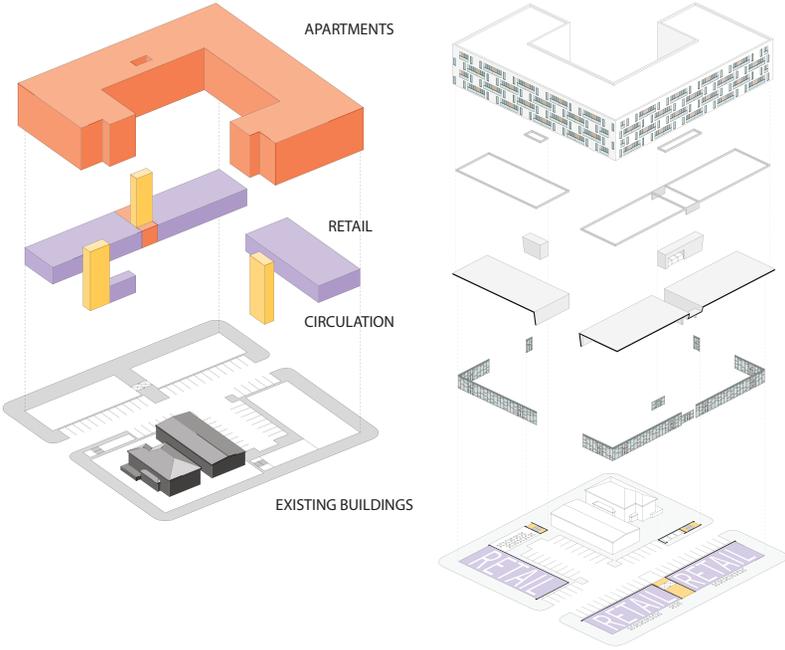


Holman at Main St. Pedestrian "Z"



Livable Centers: Midtown

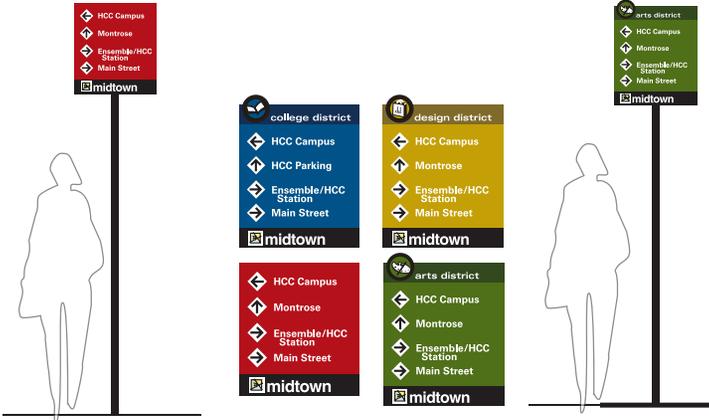
Proposed 'HCC Student Housing' Building Program



Proposed 'HCC Student Housing'

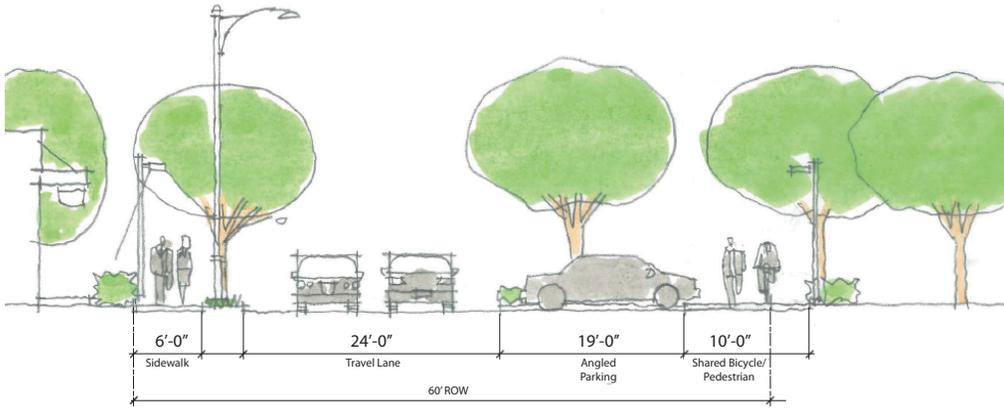


Proposed Wayfinding



### Livable Centers: Upper Kirby

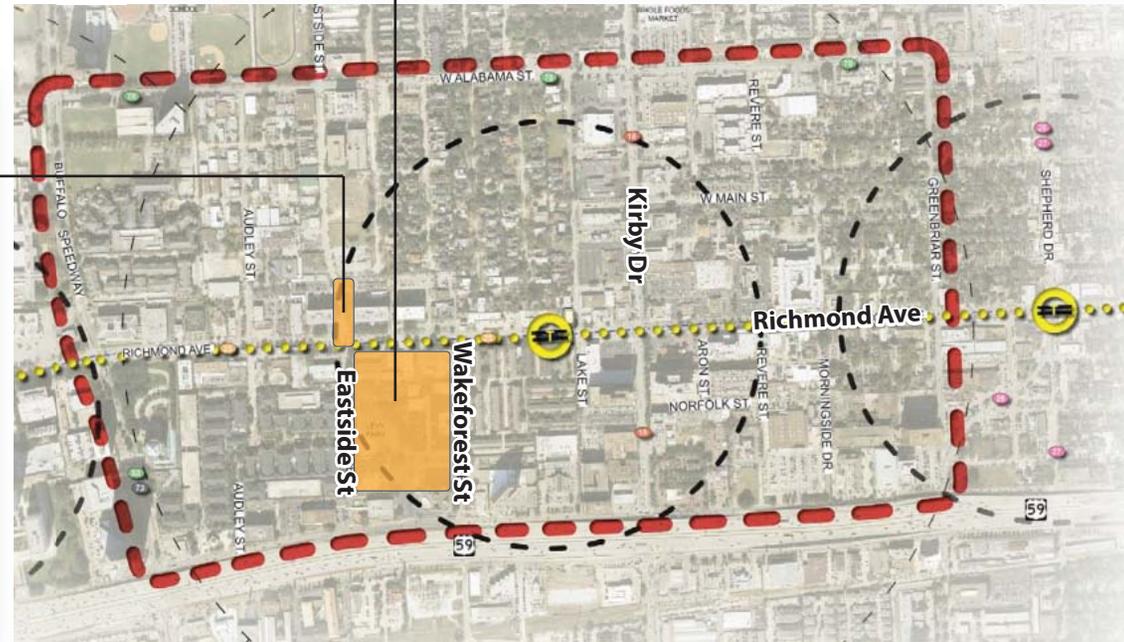
Typical Street Section: Eastside St.



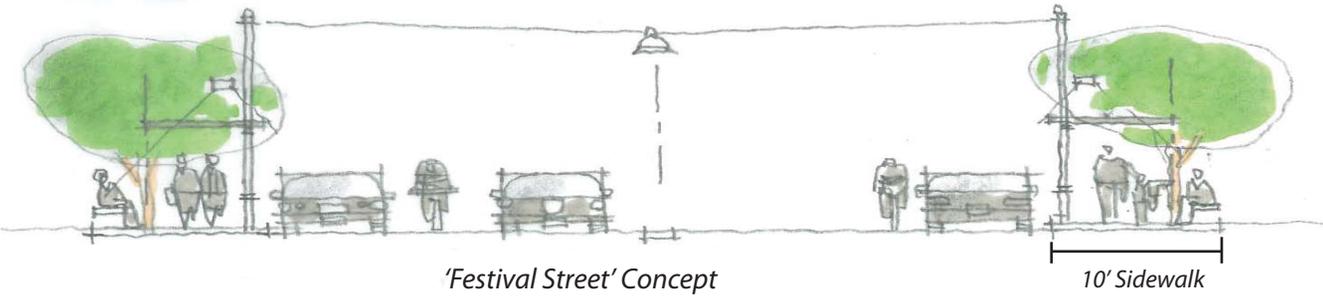
Proposed Improvements: Eastside St.



Proposed 'Civic Center District'



Livable Centers: Northside



Fulton at Quitman Intersection

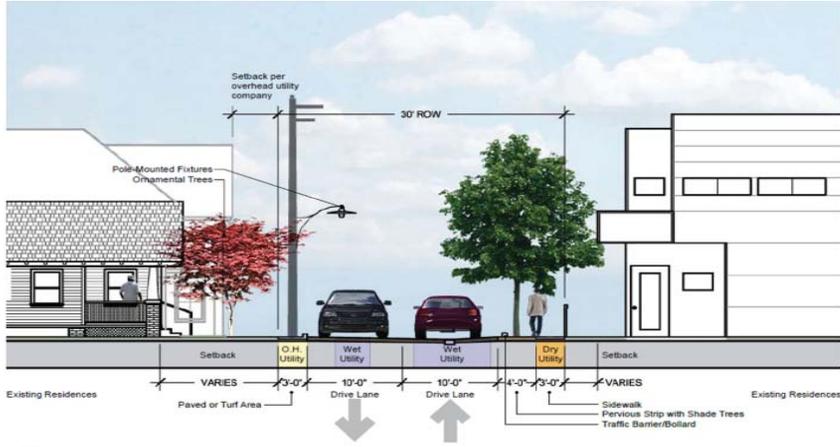


Proposed Design METRO LRT Burnett Station



**Livable Centers: Fourth Ward**

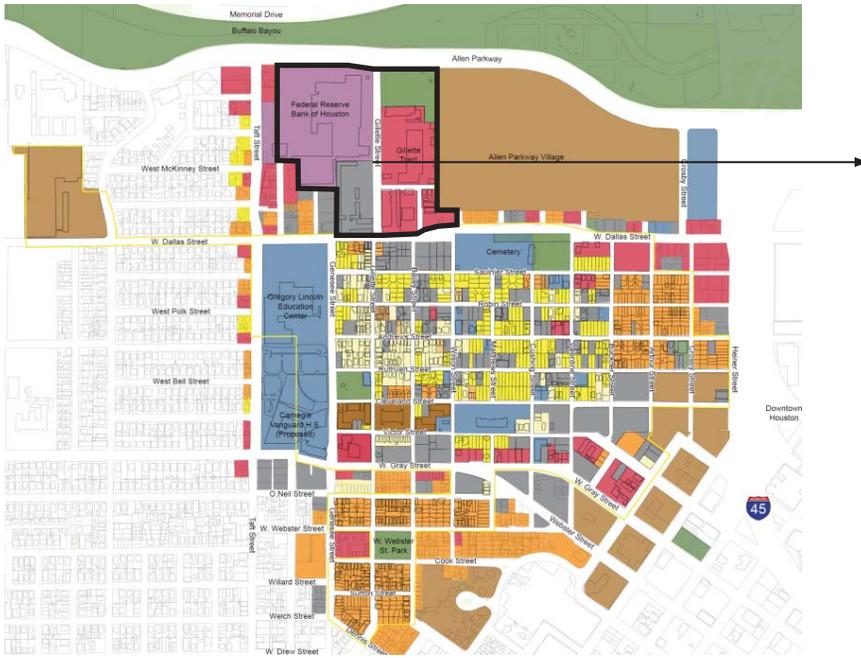
*Typical North/South Street: Two-way*



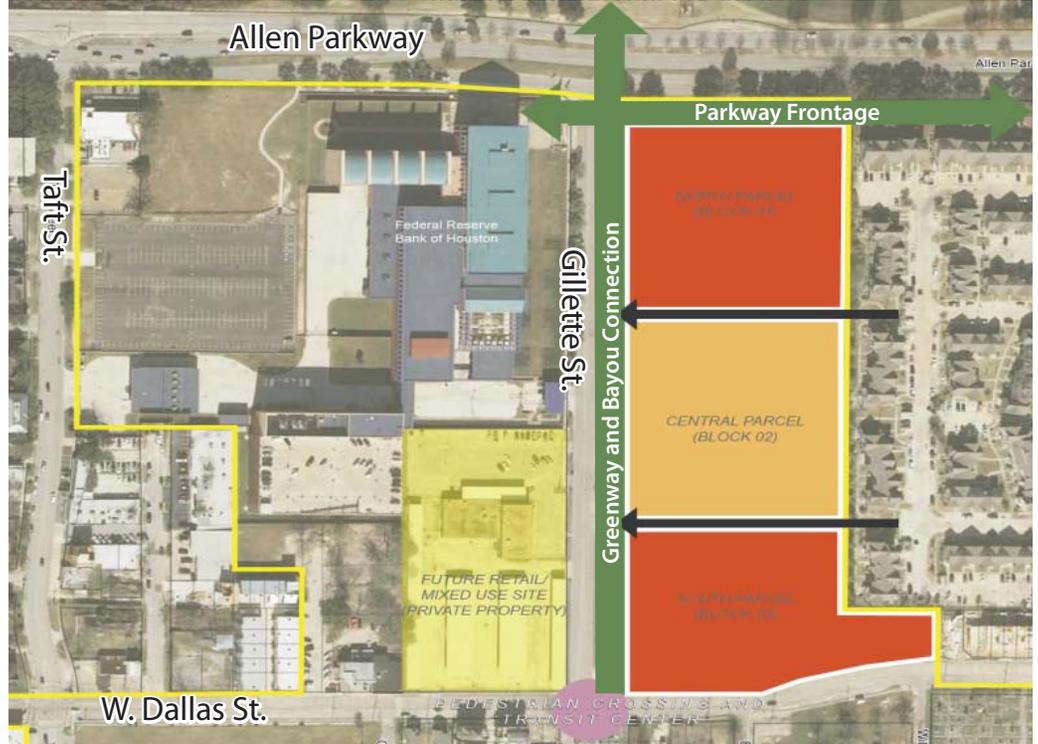
*Gillette St. Greenway and Bayou Connection*



*Fourth Ward Neighborhood Land Use*



*Gillette Site Plan: Medium Density Residential, Office and Retail*



Livable Centers: East End



Proposed Harrisburg Improvement



Proposed Navigation Improvement



Proposed Sampson and York Improvement

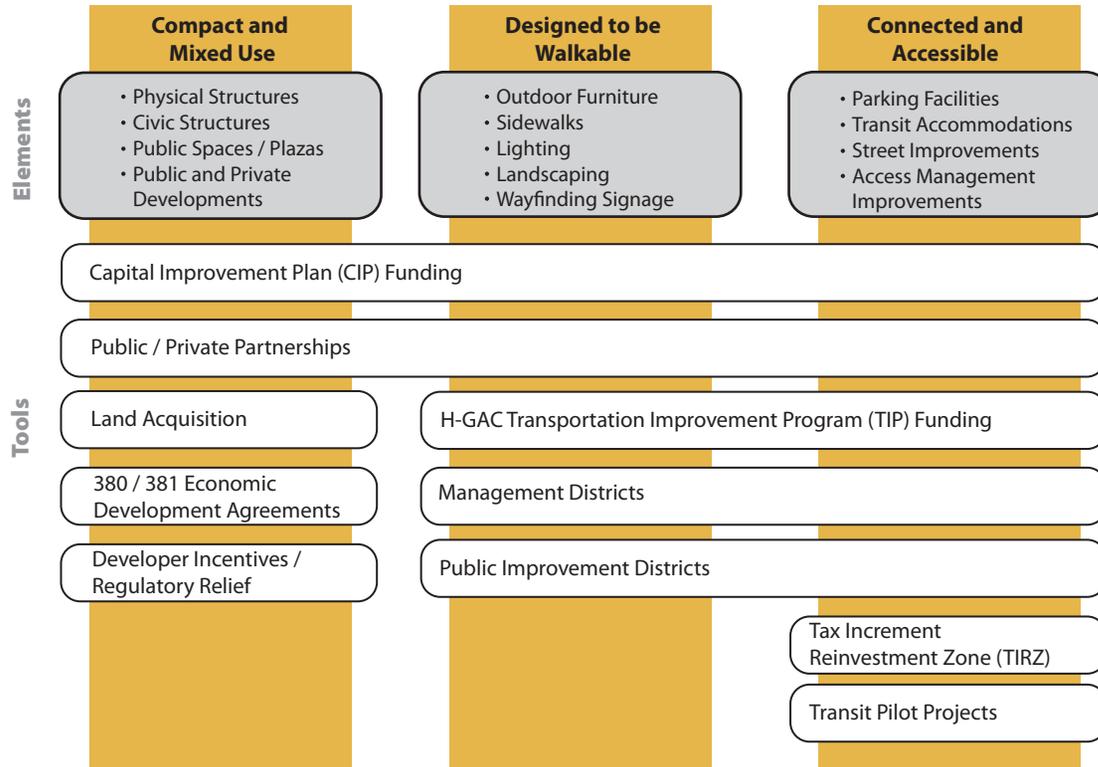


Proposed Canal Improvement



Implementation

Implementation Strategies



Implementation Projects

- Midtown**
  - Holman Street improvements which are part of the "Z" prioritization strategy were submitted for TIP funding.

---

- Upper Kirby**
  - Management District is currently focused on determining the site plan for the civic center site and will look to livable center recommendations for pedestrian improvements.

---

- Northside**
  - Hernandez Tunnel was identified as a key connector between Northside and Downtown. The Greater Northside Management District is making tunnel improvements in coordination with the City of Houston.

---

- Fourth Ward**
  - West Gray Street was submitted for TIP funding on behalf of TIRZ district.
  - San Felipe Park North of the City of Houston Gillette property site was added as available for redevelopment of that site and the park was moved to a more central location in the neighborhood in partnership with HISD.
  - City of Houston is working in close partnership with the Federal Reserve Bank in regards to redevelopment of the Gillette site.

---

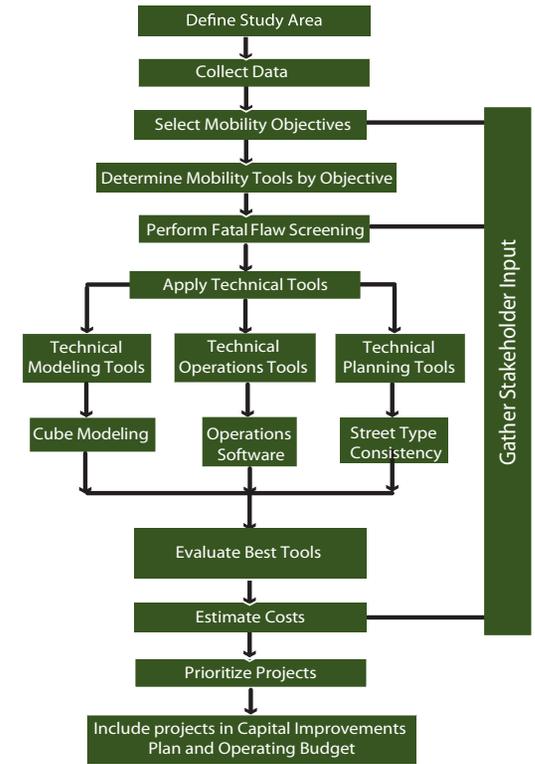
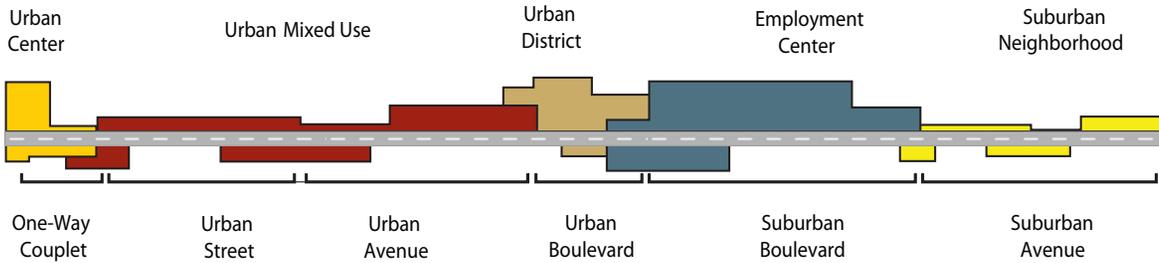
- East End**
  - The Greater East End Management District received \$5 million in stimulus funds to bring sidewalks up to City standards along Navigation, York and Sampson in the East End. Improvements will also include lighting, striping, benches, plantings, transit shelters and ramps.

### City Mobility Planning (CMP Phase I): April - December 2008

**Study Outcome:**

- CMP Process & Mobility Toolbox: Incorporate Modeling, Planning, Operational and Technology based tools into the planning process.
- Functional Street Classification - Incorporated into Infrastructure Design Manual (IDM) Chapter 10, Appendix 2
- COH Travel Demand Model (TDM) Development and Results– TDM incorporated into Major Thoroughfare & Freeway Plan Amendment (MTFPA), Capital Improvement Plan (CIP), COH Planning & Traffic Studies

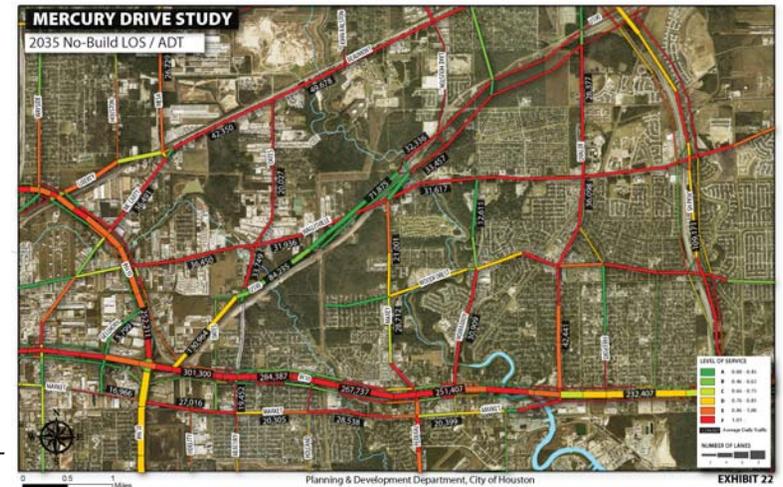
*One Size Does not Fit All*



CMP Process & Mobility Toolbox

Functional Street Classification	F R E E W A Y			
	Urban			
	Suburban	B O U L E V A R D		
	Transit			
	Industrial			
	Urban	A V E N U E		
	Suburban			
	Transit			
	Industrial			
	Couplet			
	Urban	S T R E E T		
	Suburban			
	Major Thoroughfare	Major Collector	Local	

Functional Street Classification



TDM Scenario Result:  
Mercury Dr. 2035 No-Build LOS/ADT

## City Mobility Planning (CMP Phase II): Subregional Planning Studies

### Study Purpose & Scope

- The Subregional Planning Studies will be a comprehensive multi-modal transportation study that integrates land use and growth scenarios for the with the study area. The studies will look at street network inclusive of the freeways and tollways; transit modes like commuter rail, light rail, bus rapid transit, local bus, vanpools, car pools, park & ride facilities, etc.; intelligent transportation systems; pedestrian and bicycle network; and other transportation strategies. These studies would guide development of short, medium and long-range transportation investments in these areas and encourage development to be responsible and sustainable to improve the quality of life in the region
- Scope of the study will includes inventory of existing infrastructure, other/past studies, etc; develop a public engagement plan/strategy; identify issues and neighborhood concerns; TDM modeling scenarios based on land use options; apply the CMP process of applying planning, operational, technological tools; develop a new/updated classification/sub-classification for streets; and identify key areas/corridors/intersections that would warrant a more detailed traffic study.

### 1. Inner West Loop Mobility Study

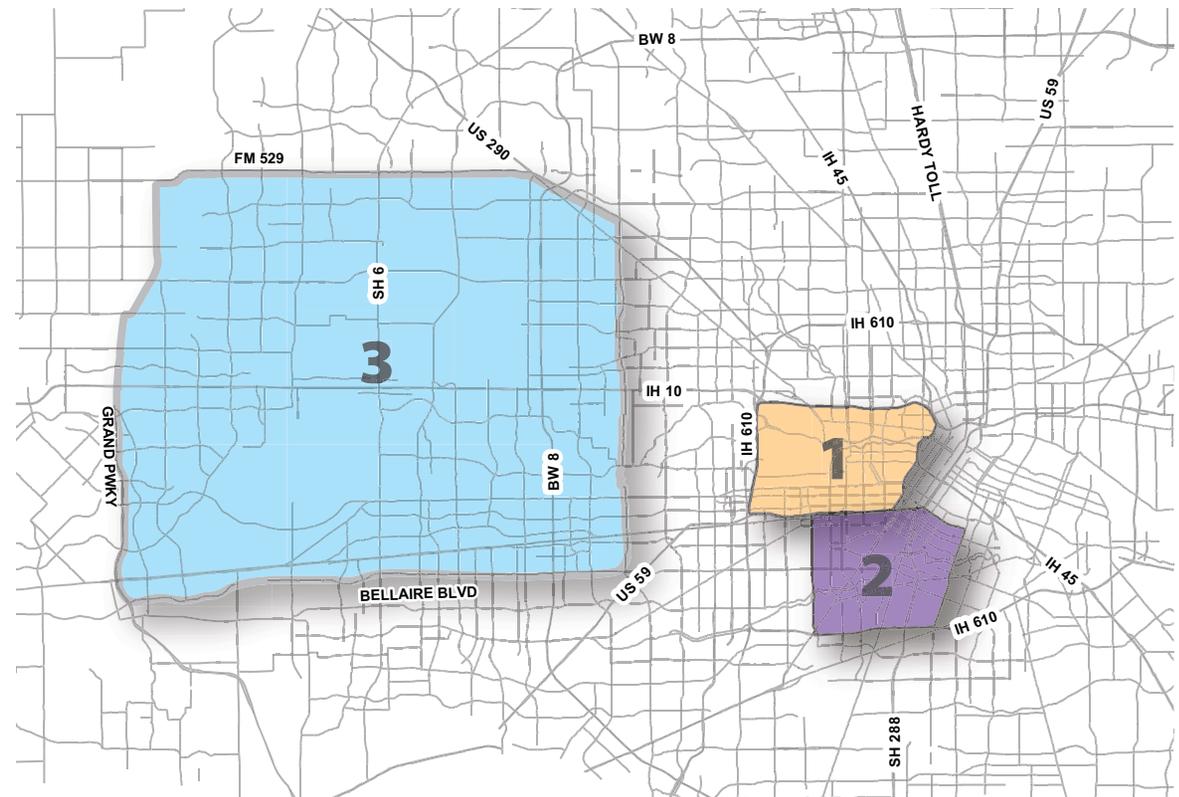
The study area is defined by IH 10 to the north, Downtown/Spur 527 to the east, US 59 to the south, and IH 610 to the west. The study is anticipated to commence 3rd quarter 2011 and will be completed in 12 months.

### 2. Texas Medical Center Transportation Master Plan

The general study area is bound by US 59/Alabama to the north, Scott Street to the east, IH 610 to the south, and Buffalo Speedway to the west. The study is anticipated to commence in the 3rd quarter 2011 and will be completed in 12 months.

### 3. Greater West Houston Subregional Planning Initiative

The study area is generally defined by FM 529 to the north, Memorial Villages to the east, Bellaire Boulevard to the south, and City of Katy/SH 99 to the west. The study is anticipated to commence in fourth quarter of 2011 and will be completed in 12 months.



## Sustainable Communities Regional Planning Grant

City of Houston along with 24 consortium partners, recently received a \$3.75 Million Sustainable Communities Regional Planning Grant from US Department of Transportation, the US Department of Housing and Urban Development, and the US Environmental Protection Agency for the 13-County Houston-Galveston Planning Region. This grant is part of the DOT's, HUD's and EPA's coordinated effort to promote sustainable communities through a \$98 million Sustainable Communities Regional Planning Grant Program.

**Bay City Community Development Corporation**  
**Blueprint Houston/Center for Houston's Future**  
**Bolivar Blueprint/Peninsula Development Coalition**  
**Brazoria County**  
**Chambers County**  
**Fort Bend County**  
**City of Galveston**  
**Gulf Coast Economic Development District**  
**Greater Houston Builders' Association**  
**Houston Tomorrow**  
**Harris County**



**City of Houston**  
**Houston Advanced Research Center**  
**Houston – Galveston Area Council**  
**Houston Wilderness**  
**City of Huntsville**  
**LISC**  
**METRO**  
**Montgomery County**  
**Neighborhood Centers, Inc.**  
**Port of Houston**  
**Texas Southern University**  
**United Way of Greater Houston**  
**Waller County Economic Development Partnership**

### Principles of Sustainability

HUD, DOT and EPA have outlined six guiding principles to their partnership. They are:

- Provide more transportation choices.
- Promote equitable, affordable housing.
- Enhance economic competitiveness.
- Support existing communities.
- Coordinate policies and leverage investment.
- Value communities and neighborhoods.



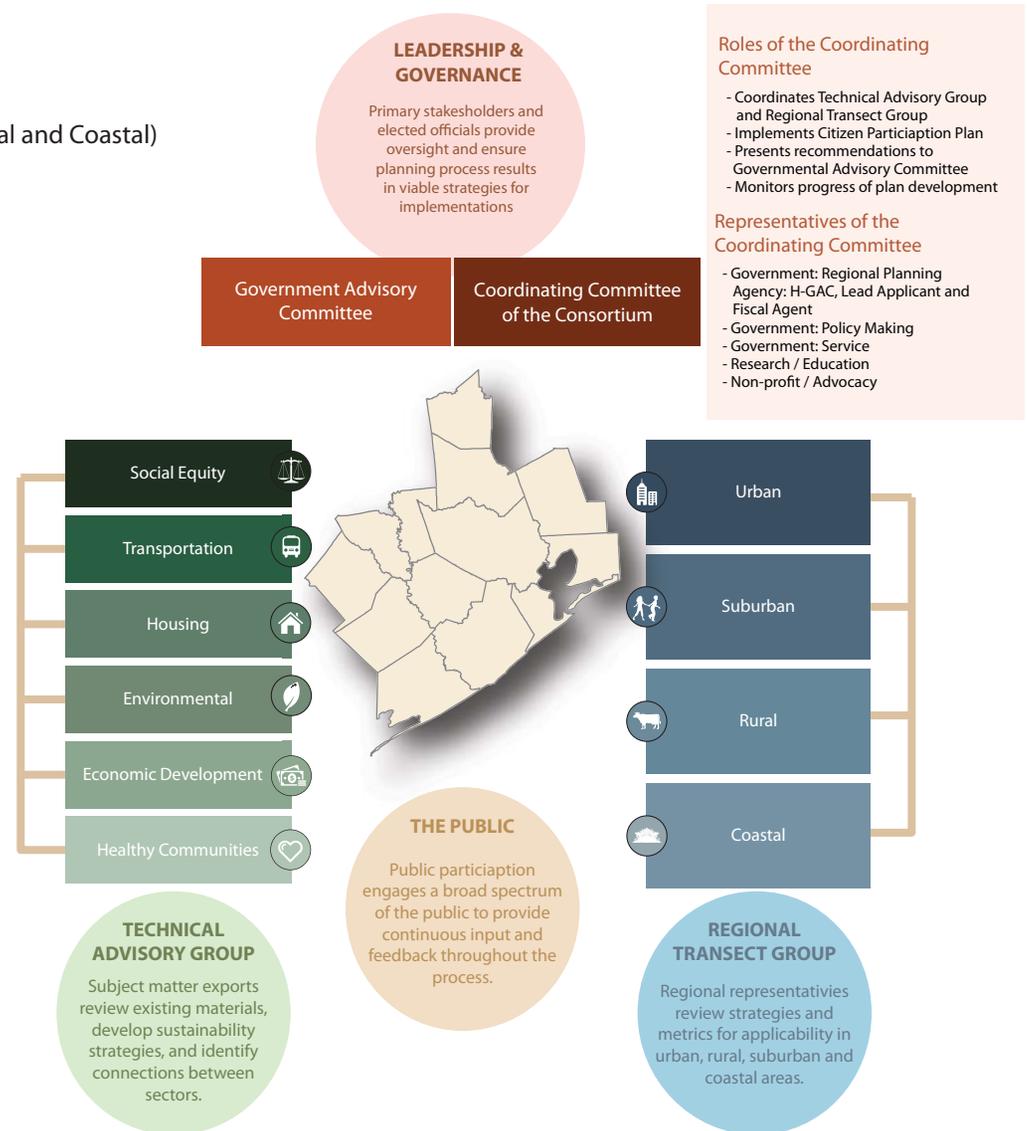
## Sustainable Communities Regional Planning Grant

### Organizational Structure

- Governmental Advisory Committee
- Coordinating Committee
- Transect Advisory Groups (geographic resources i.e., Urban, Suburban, Rural and Coastal)
- Technical Advisory Groups

### Where are we?

- Grant Awarded; October 2010
- Bylaws & Operating Procedures; December 2010
- Adoption of the Coordinating Committee
- Agreement with HUD; February 2011
- MOA between H-GAC & Coordinating Committee (February-May 2011)
- RFP – Public Participation Consultant; February 2011
- Peer Information Exchange; March 2011
- HUD Work Plan Approval; April 2011



Organizational Structure

## Sustainable Communities Regional Planning Grant

### The Planning Process & Timeline

Key Outcomes:

- Regional Goals and Objectives
- Indicator to measure progress
- Transect based implementation strategies
- Case Studies
- Regional Plan

