



# Texas Medical Center Mobility Study Public Meeting – 1 March 28, 2013

City of Houston  
Texas Medical Center

# Presentation



Texas Medical Center

## ➤ Study Purpose

- Analyze current conditions for roadway, transit, bike, ped access to and around the TMC. Identify improvements, cost estimates and schedule.

## ➤ We Want to Hear from You

### ➤ Transportation issues

- Transit
- Roadway Issues
- Intersections
- Hike/Ped Issues

# Growth at TMC



Texas Medical Center

- ▶ 54 Member Institutions
- ▶ Annual Patient Visits: 7.1 million
- ▶ Employees: 92,500
- ▶ Full-time Students: 34,000
- ▶ Volunteers Daily: 12,000
- ▶ Residents and Fellows: 4,000
- ▶ Visiting Scientists, Researchers and Students: 7,000
- ▶ Total Hospital Beds: 6,900
- ▶ Total Size/Gross Square Foot (All Campuses):
  - 45.5 million sf
  - 1,300 acres
  - 280 buildings



# Past TMC Transportation Studies



Texas Medical Center

- ▶ Last Comprehensive Transportation Plan for TMC in 2002
- ▶ 2002 Pedestrian Circulation Plan
- ▶ 2006 50-Year Master Plan
- ▶ 2005 Skywalk Plan
- ▶ 2007 Internal Shuttle Coordination Plan
- ▶ 2007 Mobility Management Plan (New Surveillance Center)
- ▶ Numerous Site Traffic Impact Studies

## TRANSPORTATION MASTER PLAN FOR THE GREATER TEXAS MEDICAL CENTER AREA

Summary Report

Prepared for  
The City of Houston

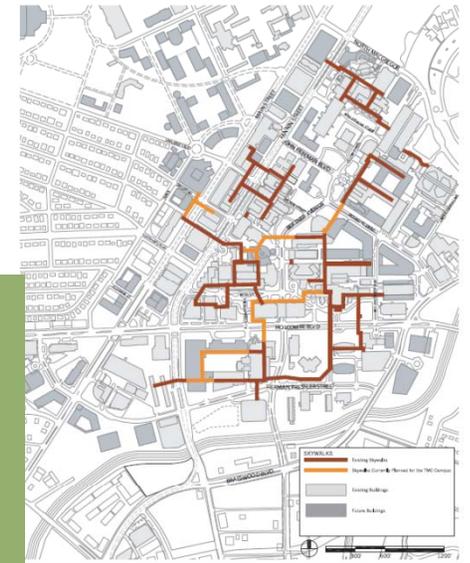
Prepared by

- AECOM Consulting Transportation Group
- Kimley-Horn Associates, Inc.
- LKC Consulting Services
- Texas Transportation Institute
- Walter P. Moore & Associates, Inc.

October, 2002

Texas Medical Center

Existing and Planned Skywalks



Texas Medical Center



Pedestrian Circulation  
Master Plan 2002

For the Institutions of the  
Texas Medical Center  
Houston, Texas  
[www.tmc.edu](http://www.tmc.edu)

A Vision for Growth

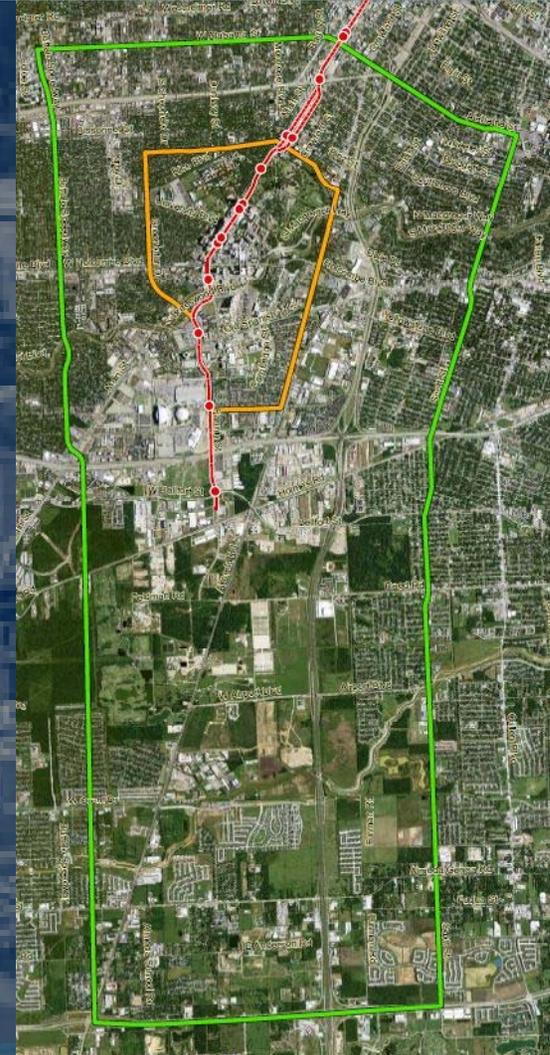
prepared by  
Stubbins, George & Harris LLP  
December 2002

# Current TMC Mobility Study



Texas Medical Center

- ▶ **New Multi-modal Transportation Plan for TMC**
- ▶ **Primary Areas of Emphasis**
  - ▶ Access
  - ▶ Mobility
  - ▶ Parking
- ▶ **Primary and Secondary Study Areas**
- ▶ **Integration with City Mobility Planning Process**
- ▶ **Extensive Stakeholder Involvement**



# Study Steering Committee



Texas Medical Center

- ▶ City of Houston
- ▶ Texas Medical Center
- ▶ TxDOT
- ▶ Metro
- ▶ H-GAC
- ▶ Harris County
- ▶ MD Anderson
- ▶ Texas Children's Hospital
- ▶ Methodist Hospital
- ▶ Rice University



# Stakeholder Groups



## ▶ Superneighborhoods

- ▶ Greater OST/South Union
- ▶ MacGregor
- ▶ University Place
- ▶ Museum Park

## ▶ Civic Clubs

- ▶ South MacGregor
- ▶ Central City
- ▶ Cambridge Glen Condo Association, Inc.
- ▶ Devonshire Place Neighborhood Association

## ▶ Organizations

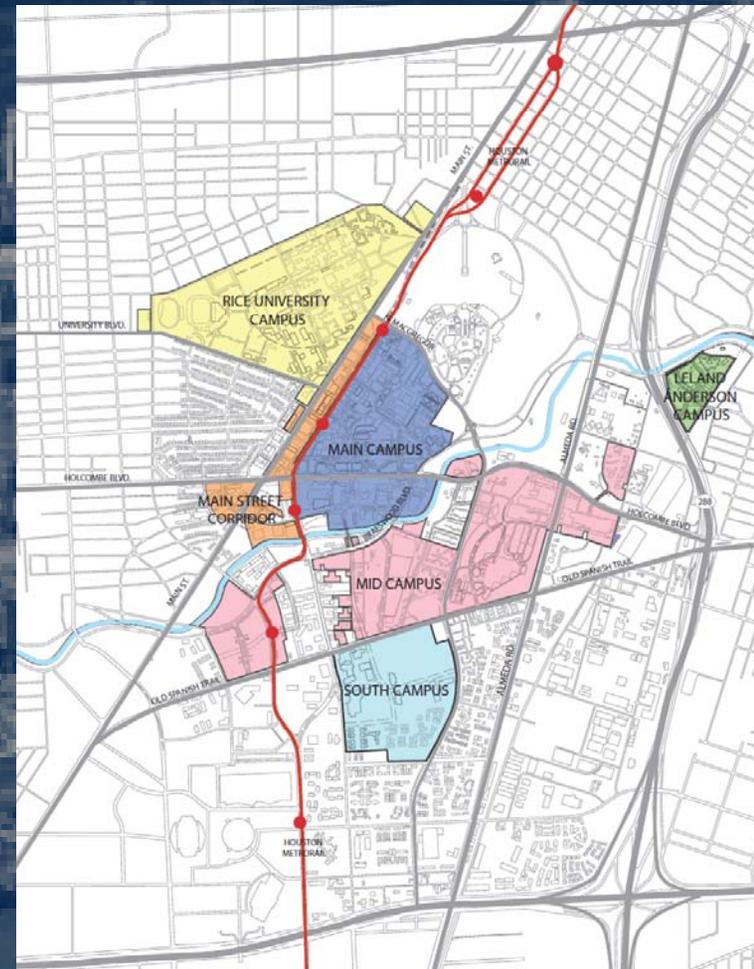
- ▶ Hermann Park Conservancy
- ▶ Houston Zoo
- ▶ Houston Museum of Natural Science
- ▶ Miller Outdoor Theater
- ▶ Greater Southeast Management District
- ▶ South Main Alliance

# Mode-Specific Analyses



Texas Medical Center

- **Regional Roadway Access**
  - Connections off SH 288 and IH-610
  - Emergency vehicle access
- **Intersection/Local Street Improvements**
- **Parking Needs/Consolidated Strategies**
- **Transit**
  - Enhanced LRT safety
  - Internal circulation improvements
  - Role of METRO vs. local shuttles
- **Pedestrian/Bicycle Facility Improvements**
- **Travel Demand Management (TDM)**



# Study Elements



Texas Medical Center

- ▶ Improved Regional Connections
- ▶ Roadway/Intersection
- ▶ Parking Needs
- ▶ Transit/Rail
- ▶ Pedestrian/Bicycle Facilities
- ▶ Van Pooling/Car Pooling

# Alternatives Analysis



Texas Medical Center

- **System Alternatives Analysis**
  - Operational
  - Identified Project Improvements
- **Cost Estimates**
- **Financial Analysis**
- **Project Prioritization**
  - Short Term Solutions
  - Long Term Solutions

# Final Transportation System Plan



Texas Medical Center

- ▶ **Transportation Facility Improvements**
  - ▶ Roadway/intersections
  - ▶ Parking
  - ▶ Transit
  - ▶ Pedestrian/bicycle
- ▶ **Operational Strategies**
  - ▶ Transit service
  - ▶ TDM
- ▶ **Policies**
- ▶ **Project Programming**

# Preliminary Study Schedule



Texas Medical Center

- **First Public Meeting – March 28, 2013**
- **City Mobility Planning Process – April 2013**
- **Mode-Specific Analyses – August 2013**
- **Second Public Meeting – September 2013**
- **Cost/Financial Analysis – October 2013**
- **Plan Development and Implementation Strategy – December 2013**
- **Third Public Meeting – January 2014**
- **Final Report – February 2014**



# Your comments and Suggestions are Important

Please submit to [tmcpublicmeeting@pbworld.com](mailto:tmcpublicmeeting@pbworld.com)

Project website

<http://www.publicworks.houstontx.gov/traffic/tmcstudy.html>

## Thank you!