

TMC Mobility Study

Steering Committee Meeting May 20th, 2013



Texas Medical Center

TMC MOBILITY STUDY
STEERING COMMITTEE MEETING
MAY 20, 2013

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Agenda

- Introductions
- Review of Items Already Completed
 - Background Information Report
 - Stakeholder Interviews
- Status of On-Going Work
 - SH 288 Access to TMC Study
 - IH 610 Access to TMC Study
 - Framework for City Mobility Planning Process
 - TMC Model Development
 - TMC Mode-Specific Studies
- Evaluation Methodology for LRT Analysis
- Updated Schedule



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Introductions



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Review of Items Already Completed

Background Information Report

- | | |
|--------------------|------------------------------|
| 1. Introduction | 6. Parking |
| 2. Related Studies | 7. Pedestrian and Bicyclists |
| 3. Roadways | 8. Travel Demand Management |
| 4. Traffic | 9. Socioeconomics |
| 5. Transit | |

- Draft will be on City's Project website

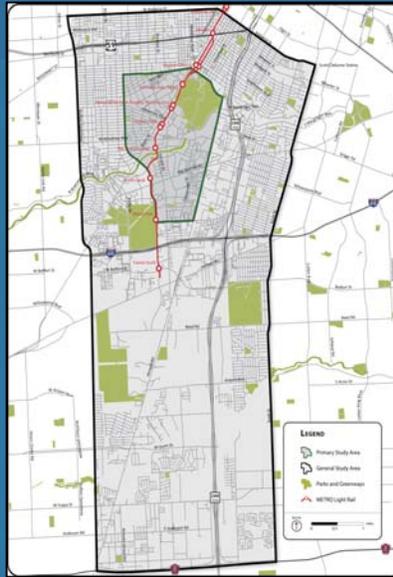


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Background Information Report- Study Area



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Background Information Report TMC Campuses



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Background Information Report Traffic Signal Locations



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Background Information Report Study Intersections

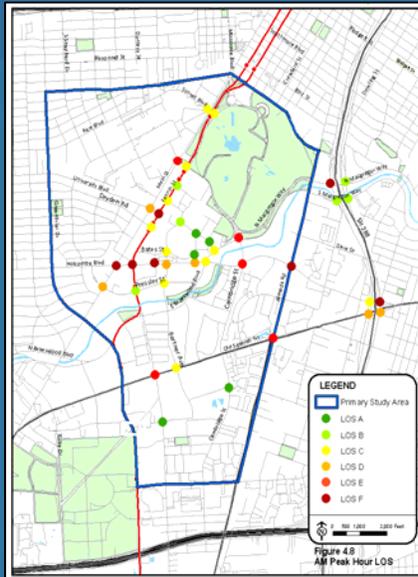


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Background Information Report Weekday AM Peak Hour LOS

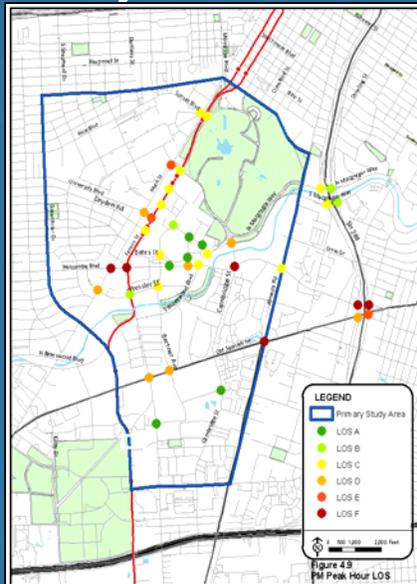


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Background Information Report Weekday PM Peak Hour LOS

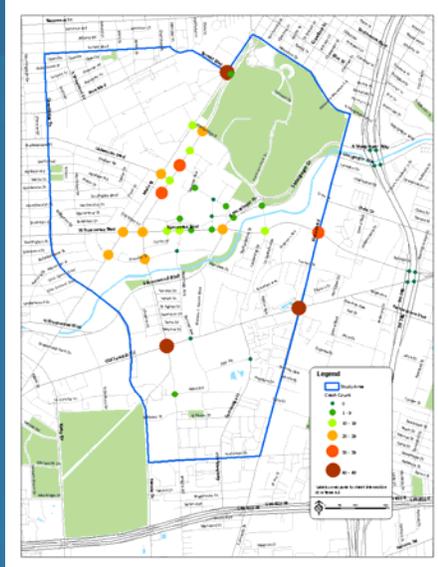


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Background Information Report- Number of Crashes at Study Intersections From 2007 to 2011



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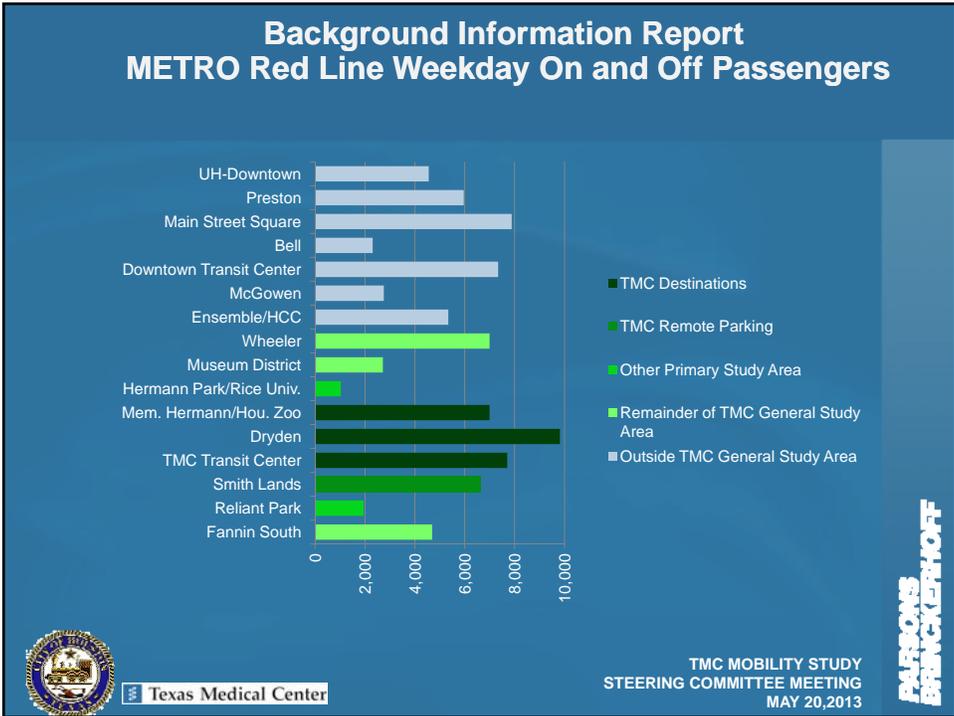
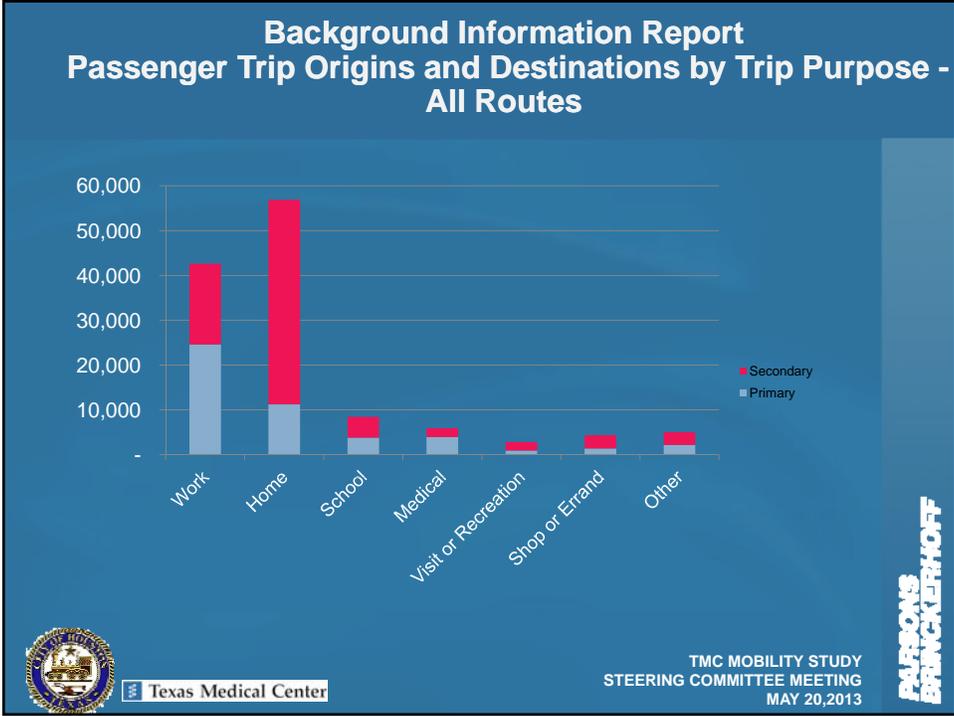
Background Information Report- Existing Transit Routes



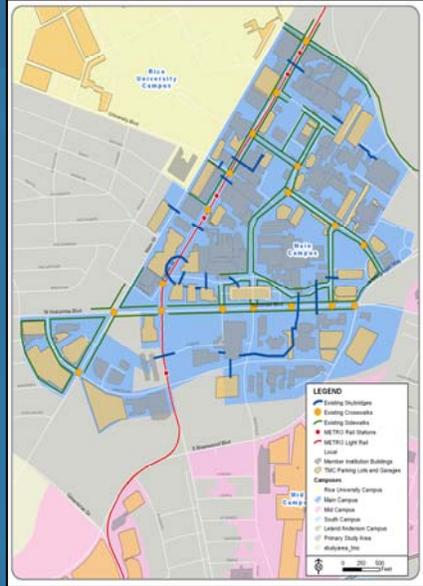
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Background Information Report Existing Pedestrian Facilities

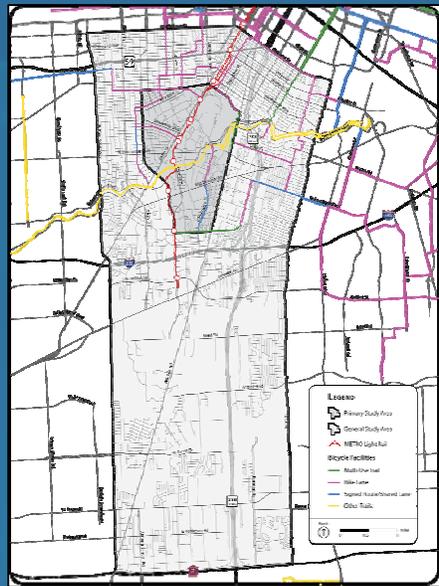


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Background Information Report Existing Bicycle Facilities

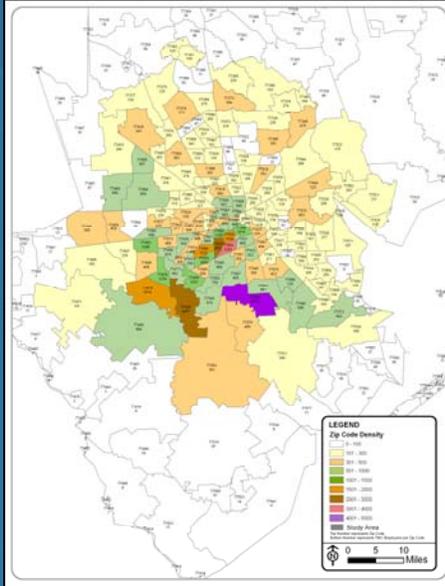


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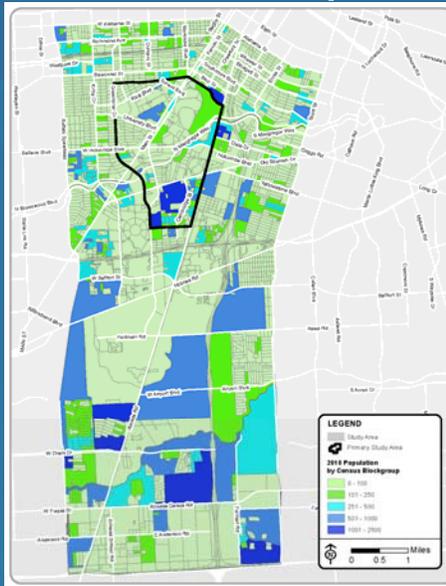
Background Information Report Employee Density by Zipcode



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Background Information Report - 2010 Population

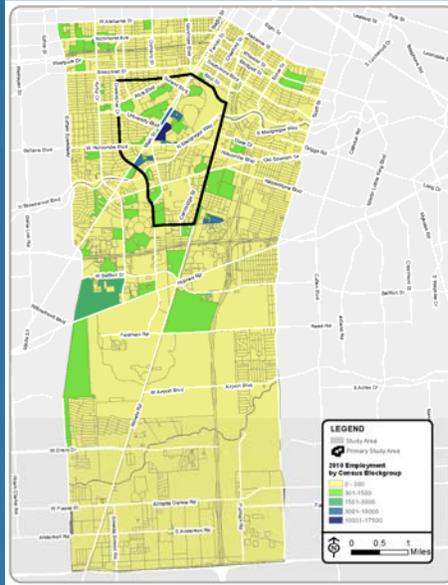


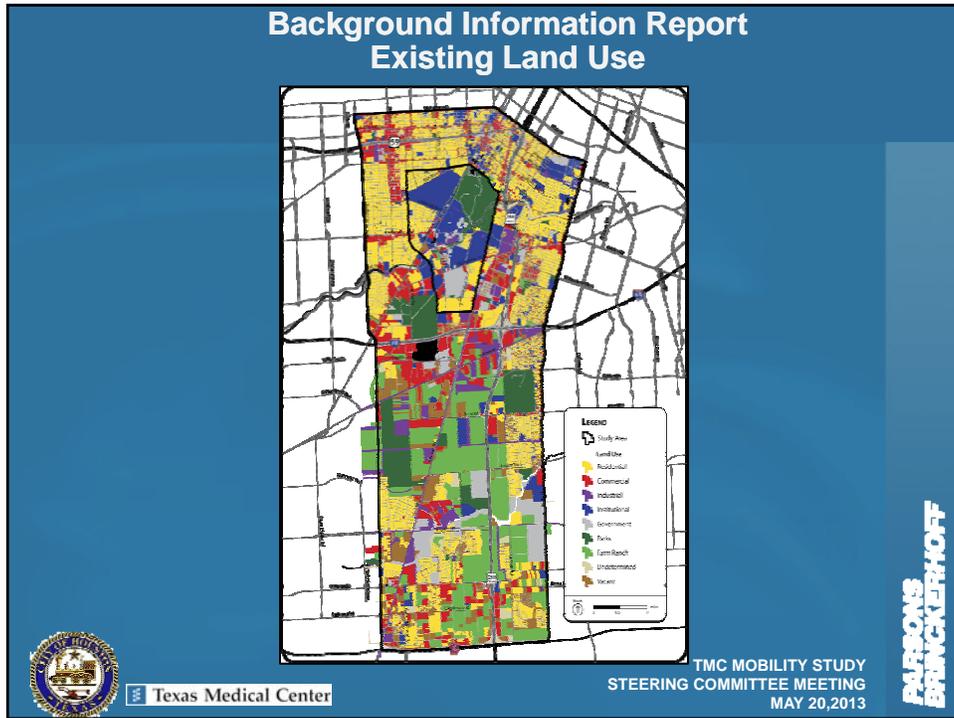
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Background Information Report- 2010 Employment





Background Information Report Existing Land Use

Land Use	Square Footage	Percentage of Total
Institutional	31,669,619	38%
Residential	19,441,710	23%
Parks	17,618,798	21%
Government	8,733,136	10%
Commercial	3,164,976	5%
Industrial	1,162,446	1%
Vacant	1,374,246	2%
Total	83,164,931	-

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Review of Items Already Completed

Stakeholder Individual Interview Summary Matrix



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Review of Items Already Completed

Public Meeting #1 – March 28, 2013

- Issues and Needs Scoping Meeting
- Attendance
 - 53 attended in total
 - 37 attendees are general public
 - 12 comments by email



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Public Meeting Pictures



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Review of Items Already Completed

Public Comments Received

- Look for multimodal access south of Loop 610
- Increase parking capacity for future
- Improve Greenbriar quality
- Increase HOV
- Increase transit services
- ADA access improvement
- More Stakeholder Involvement
- Minimize impact on neighborhoods
- Access to high-rise on Holcombe
- Bicycle Connectivity issue at several locations
- Spring break traffic complaints



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Status of On-Going Work

- SH 288 TxDOT Access to TMC Study
- IH 610 TxDOT Access to TMC Study
- Framework for City Mobility Planning Process
- TMC Subarea Model Development
- TMC Mode-Specific Analyses



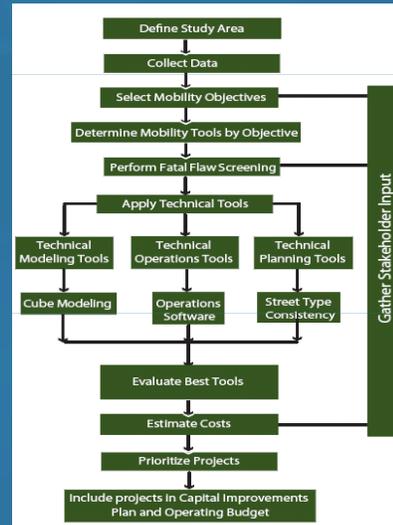
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City Mobility Planning Process

- TMC Mobility Study to be consistent with City Mobility Planning Process
- Goals and objectives initial cornerstone
- “Toolbox” of potential solutions
- Integration into subsequent modeling and modal analyses
- Application of performance measures



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Evaluation Methodology for LRT Analysis

- Review previous MIS and follow up studies and design related to LRT
- Review current traffic conditions and crash experience along Fannin
 - New vehicle O-D survey
- Assess stakeholder input on LRT operations
- Identify alternatives
 - Short-term modifications
 - Signal timing
 - Signing/pavement marking
 - Pedestrian crosswalks/signals
 - ADA improvements
 - Long-term strategy
 - Assess feasibility of relocation options – grade-separated, Fannin/Main one-way pair, others?
 - Potential parking garage access modifications



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Upcoming Tasks

- Remaining Steps
- Steering Committee Meetings
- Stakeholder Meetings
- Public Meeting



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Updated Schedule

- Next Steering Committee Meeting
Late July
- Second Public Meeting
January 2014
- Tech Memo – Existing Conditions
August
- Regional Modeling Results
October
- Tech Memo – Alternatives Analysis
December
- Final Report
Feb 2014



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Committee Involvement

- Facilitate Data Collection - Complete
- Identify Issues and Needs - Complete
- Review of Goals and Objectives and Evaluation Framework
- Identify and Evaluate Alternatives
- Review Draft Mobility Plan



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Questions

Thank you!



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