City Mobility Planning

Phase II

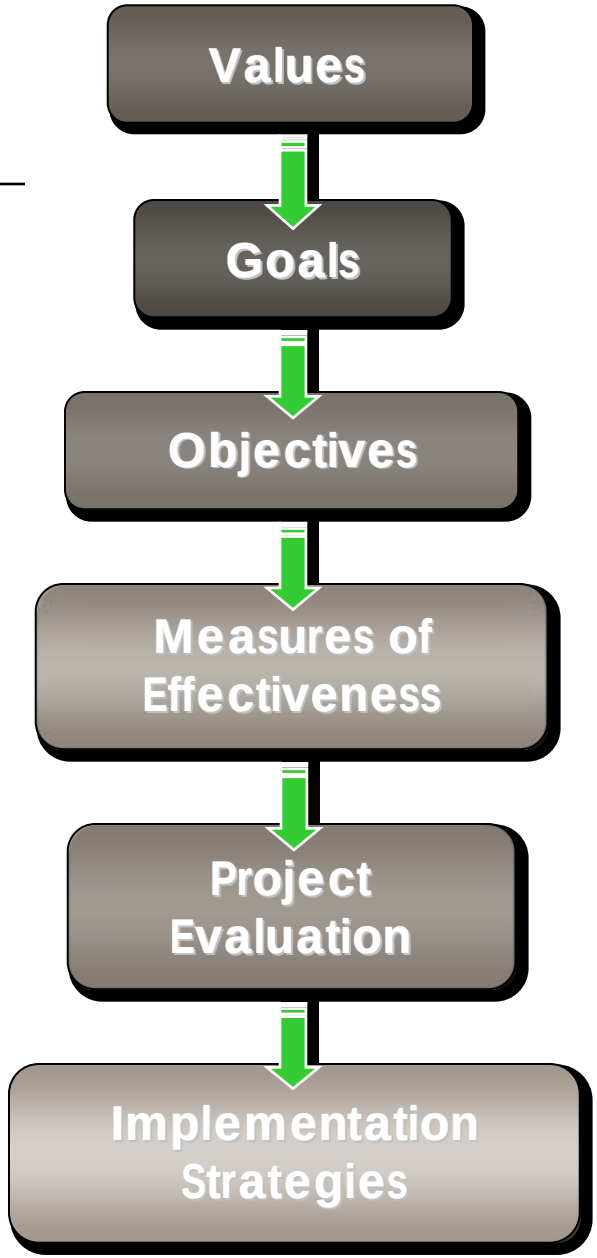
Transportation, Infrastructure and Aviation Committee

September 14, 2009

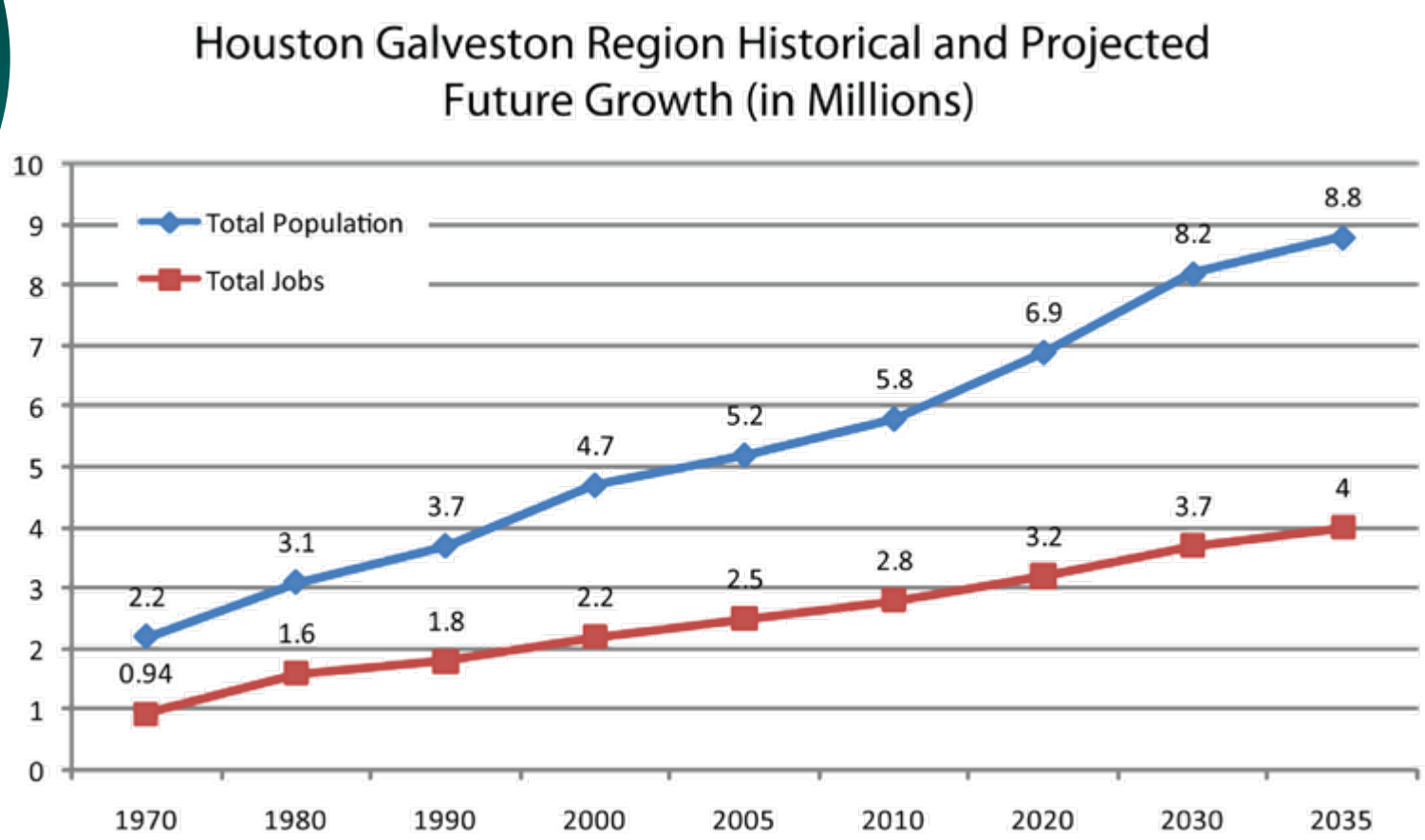
City Planning Commission – Guiding Principles

- **Mobility**
- **Costs**
- **Access**
- **Right-of-Way Standards**
- **Neighborhood Concerns**
- **Major Thoroughfare & Freeway Plan**
- **Non-Structural Approaches**

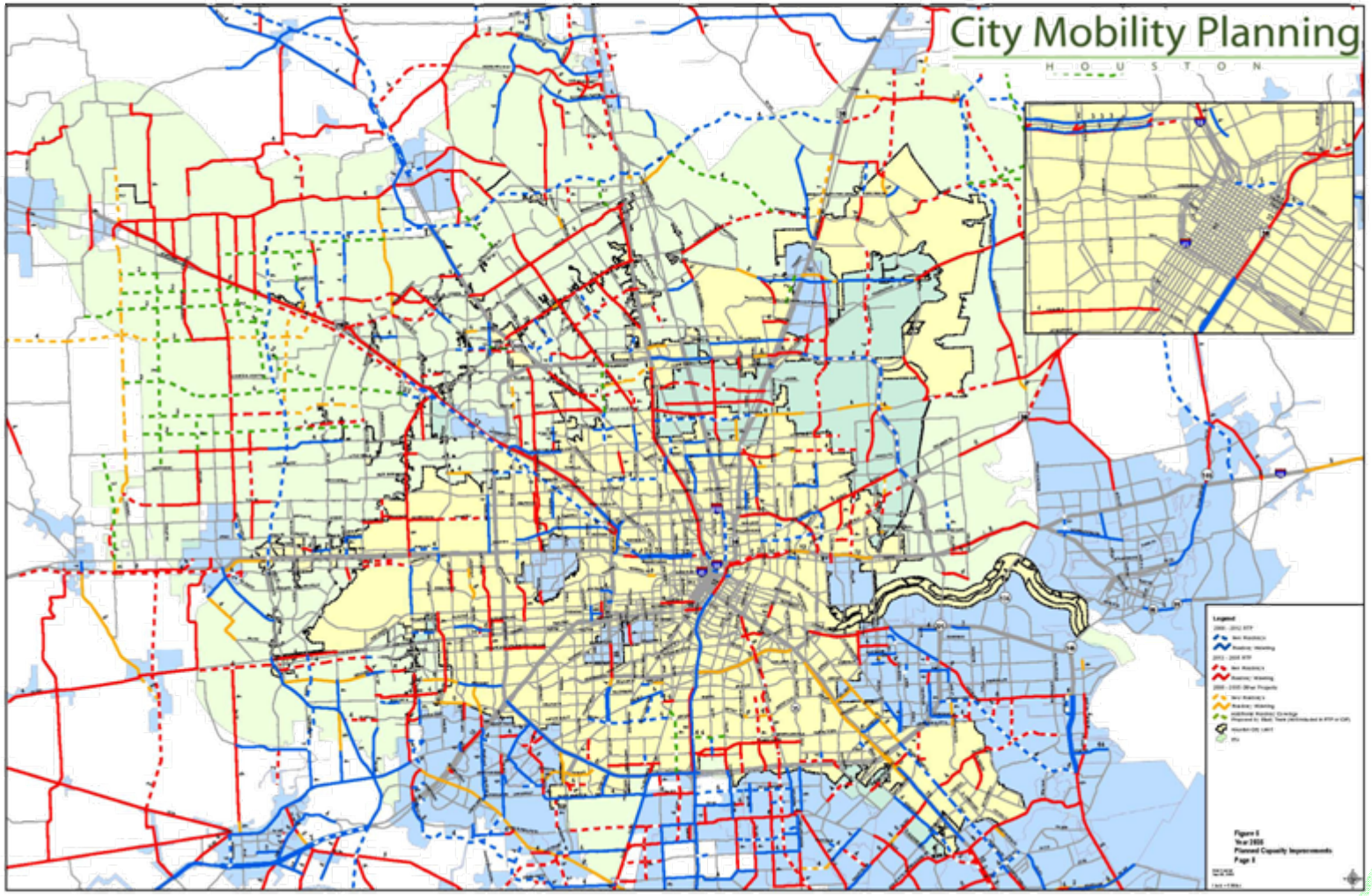
CMP Process


Values
Goals
Objectives
Measures of Effectiveness
Project Evaluation
Implementation Strategies

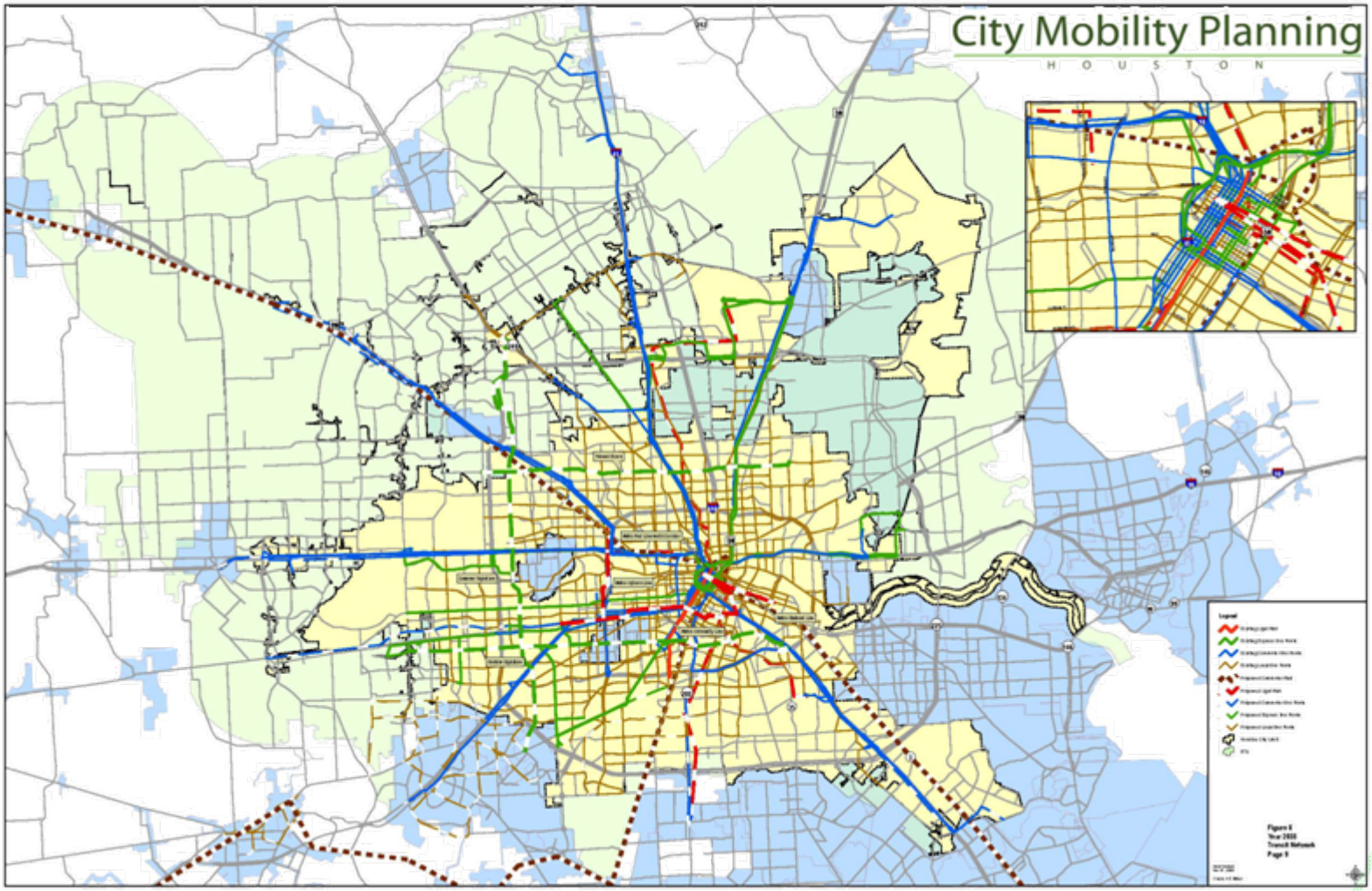
Houston Galveston Area Population & Employment Growth



2035 Street Network



2035 Transit Network

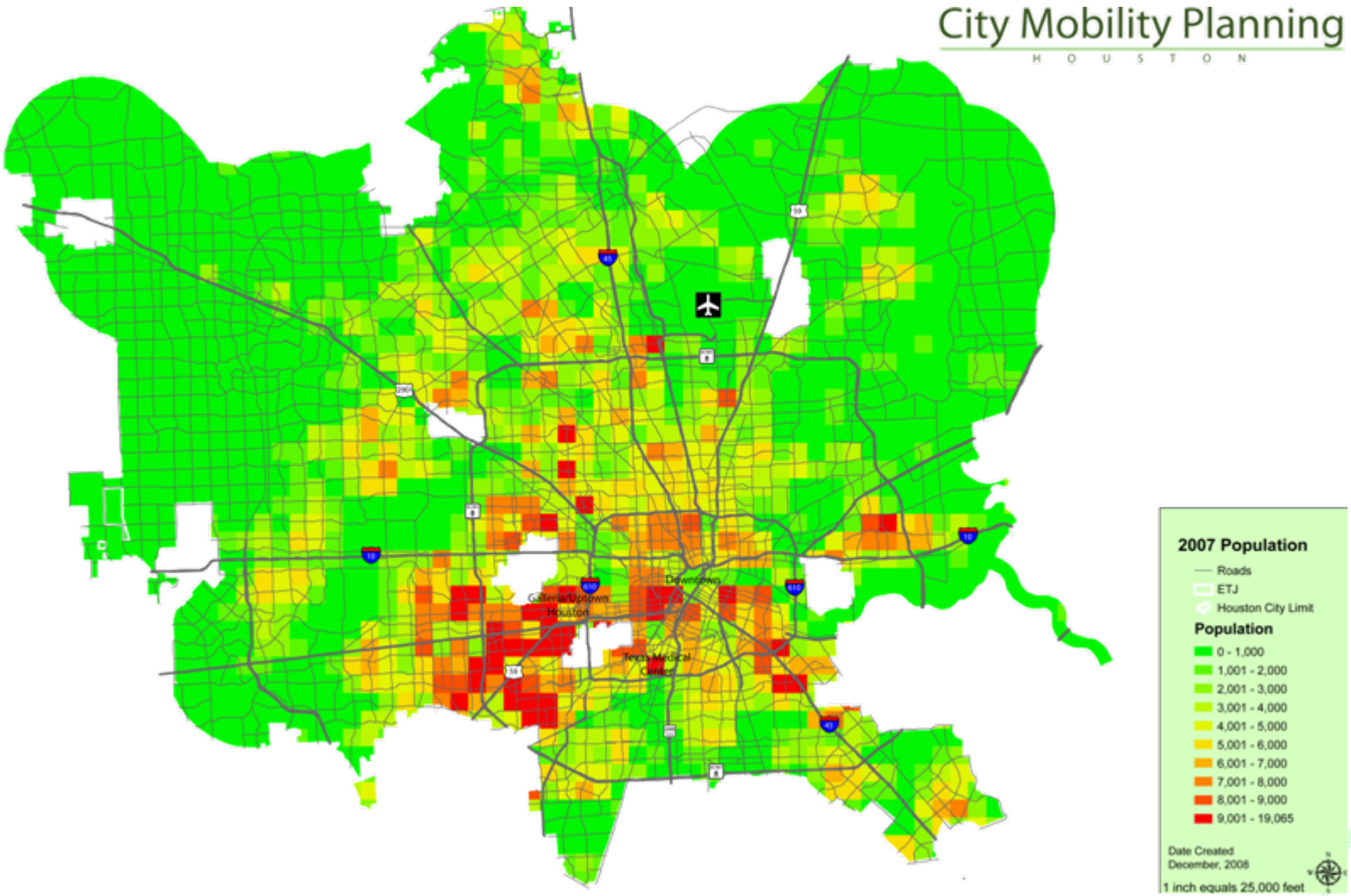


Boom in City & ETJ

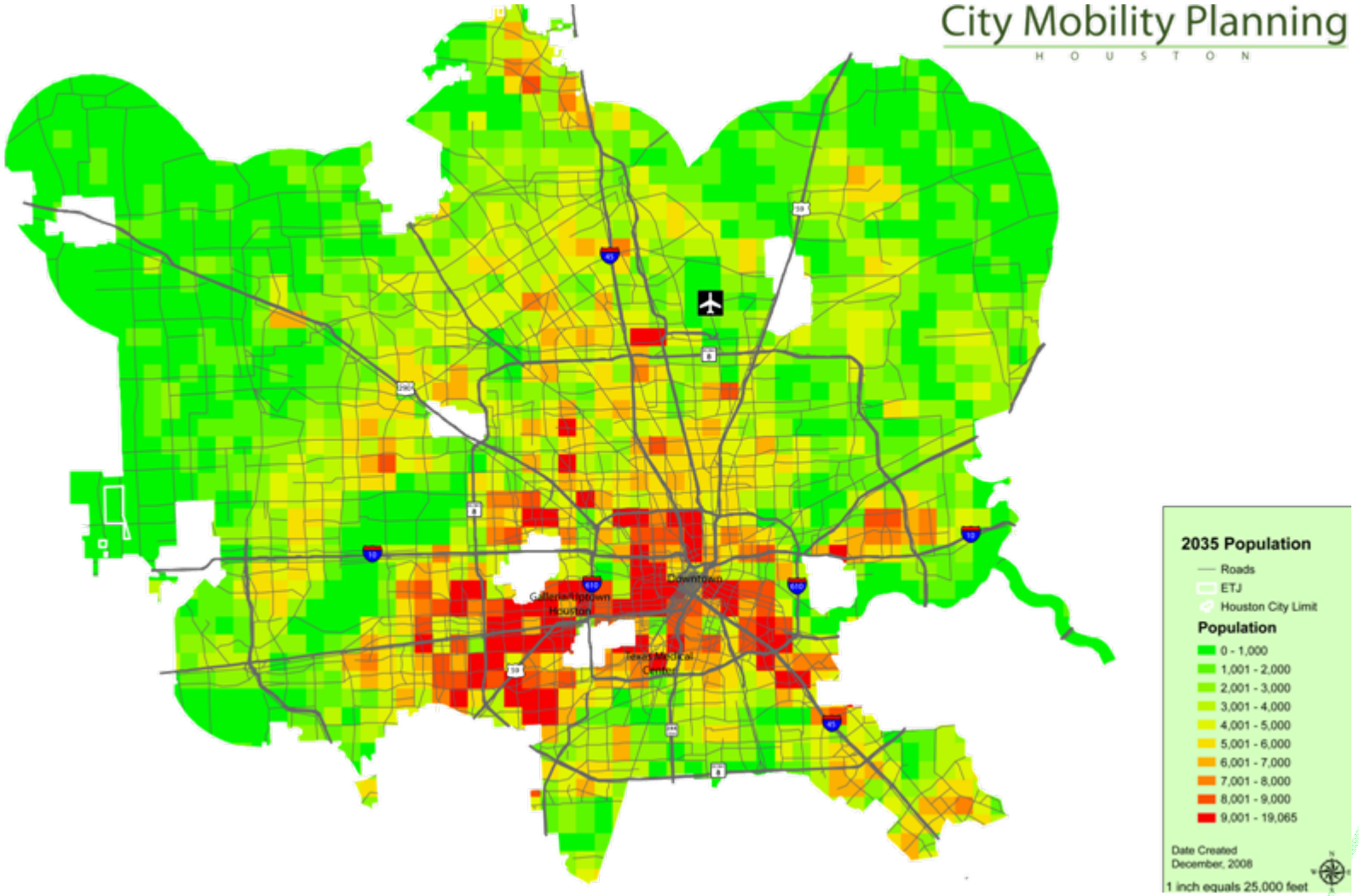
Houston Population	2007	2035	Change
City	2,158,000	2,708,000	+26%
ETJ	690,000	1,560,000	+127%

Houston Employment	2007	2035	Change
City	1,531,000	2,115,000	+39%
ETJ	160,000	320,000	+100%

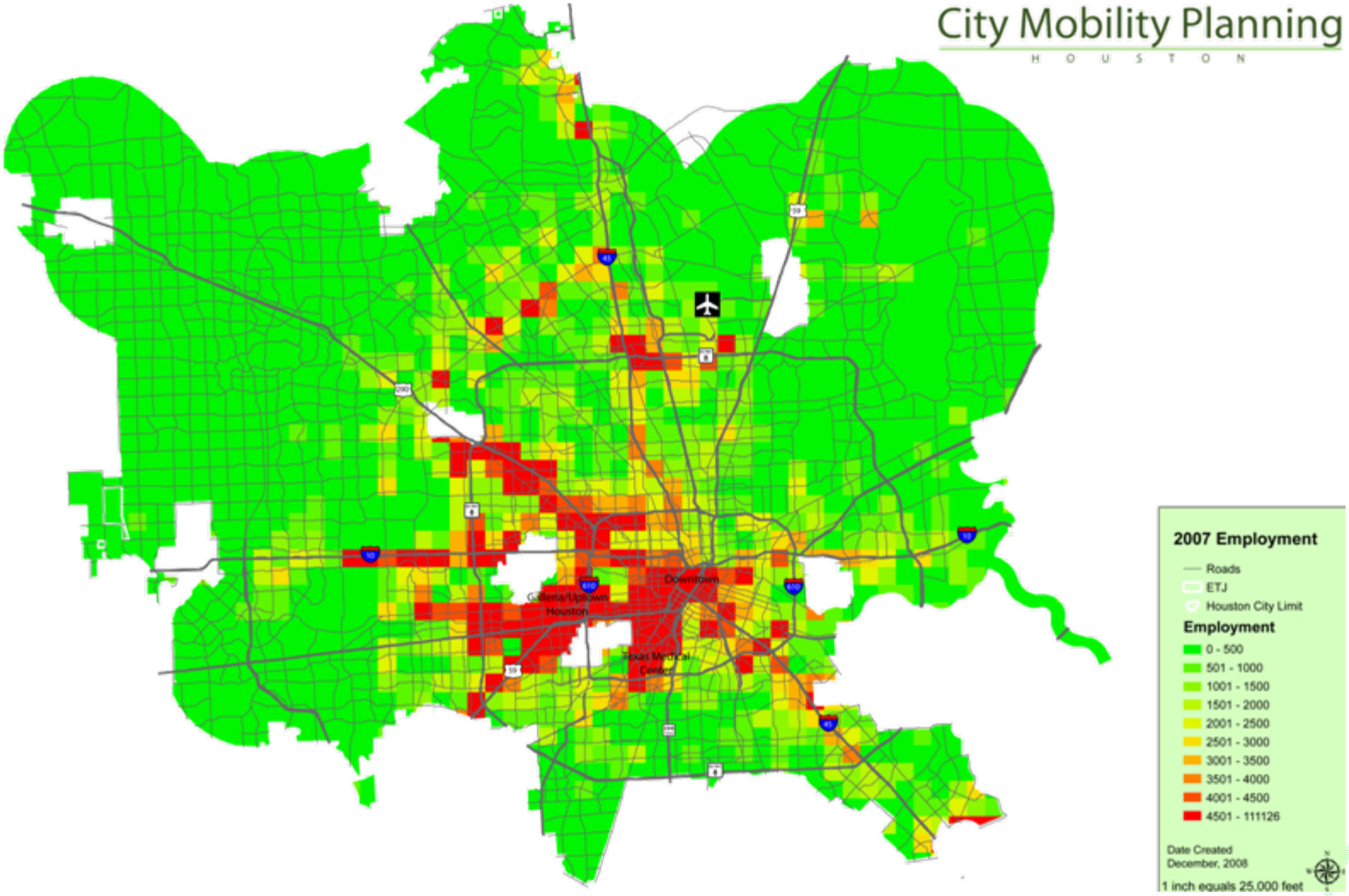
2007 Population Density



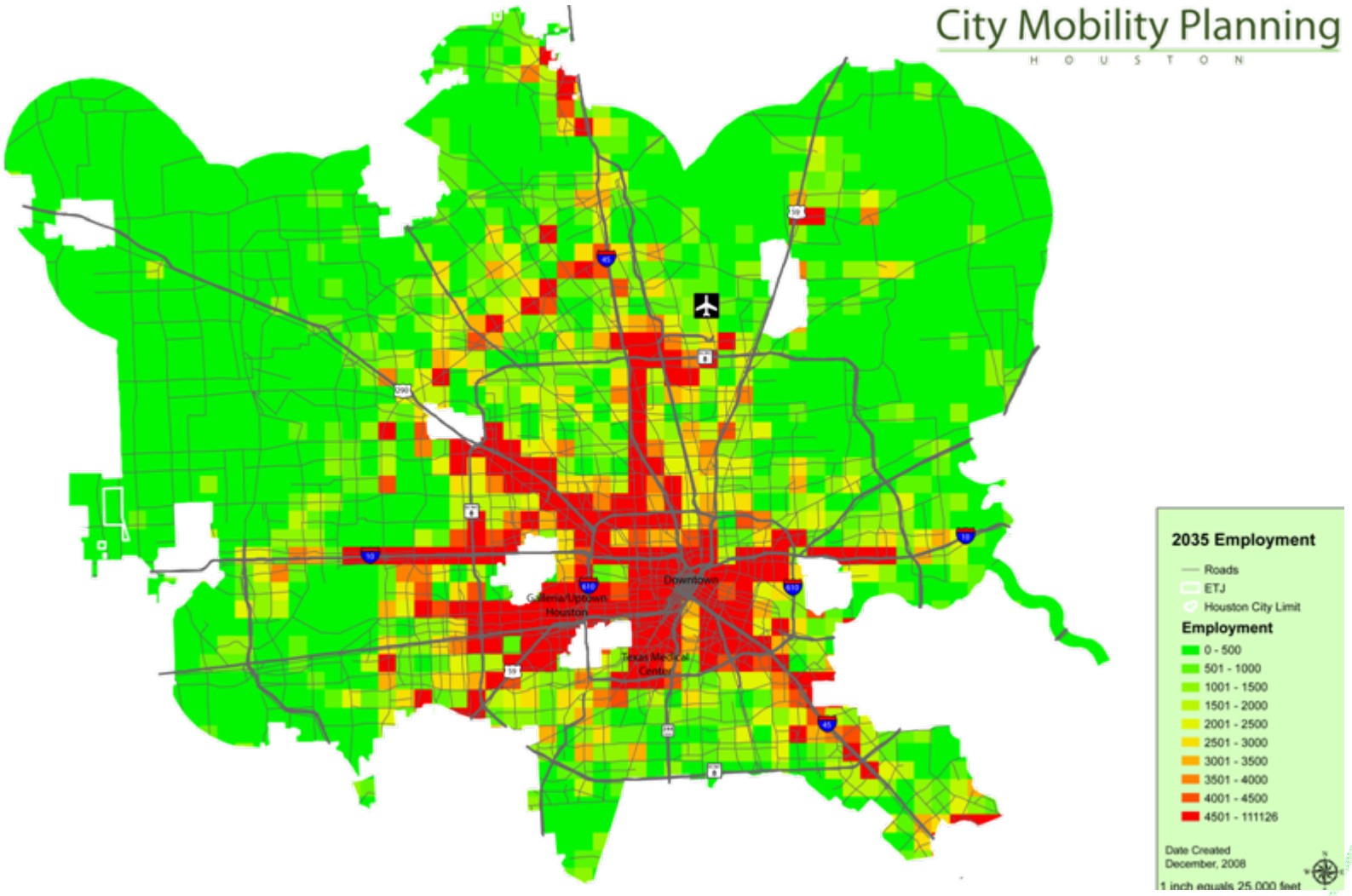
2035 Population Density



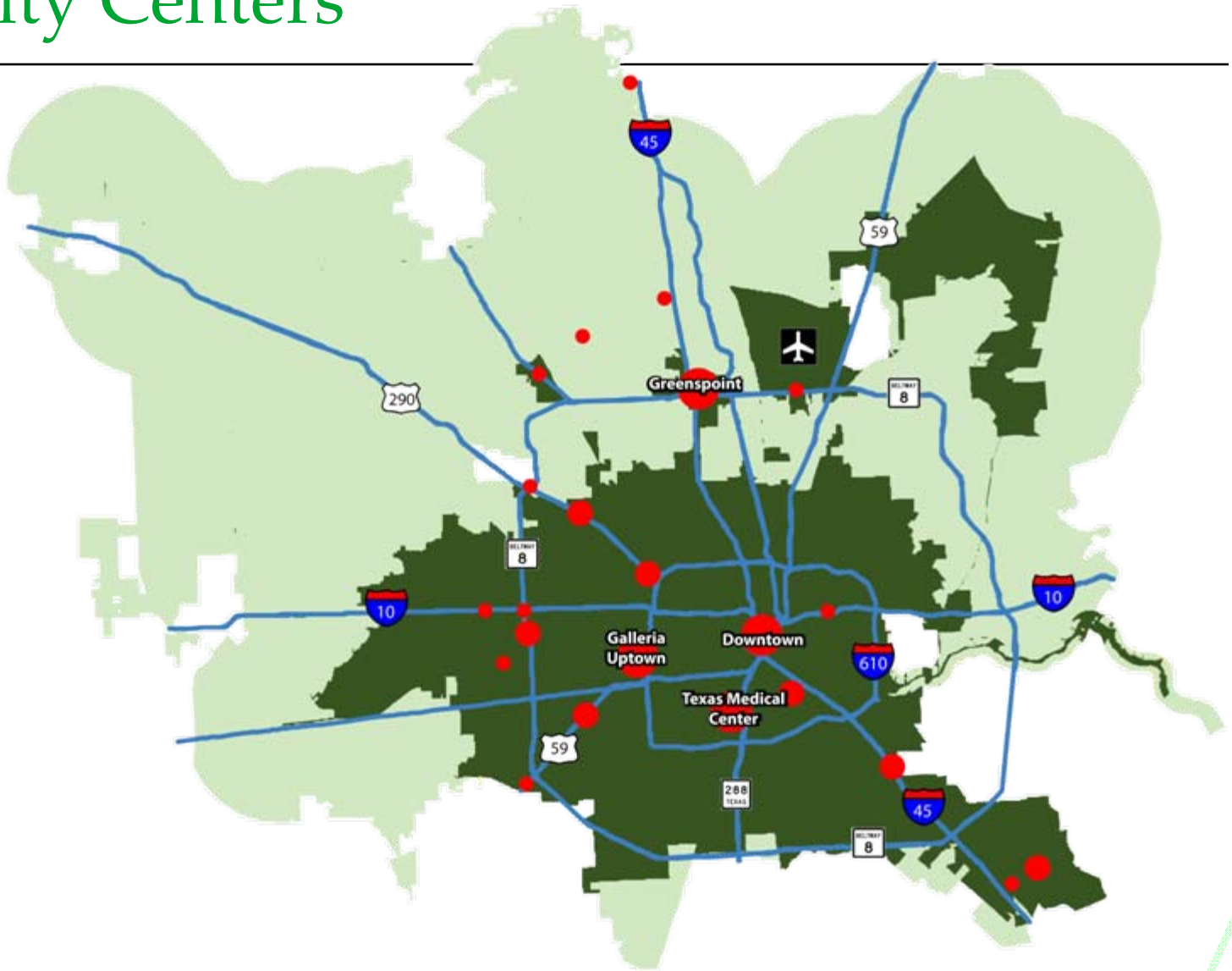
2007 Employment Density

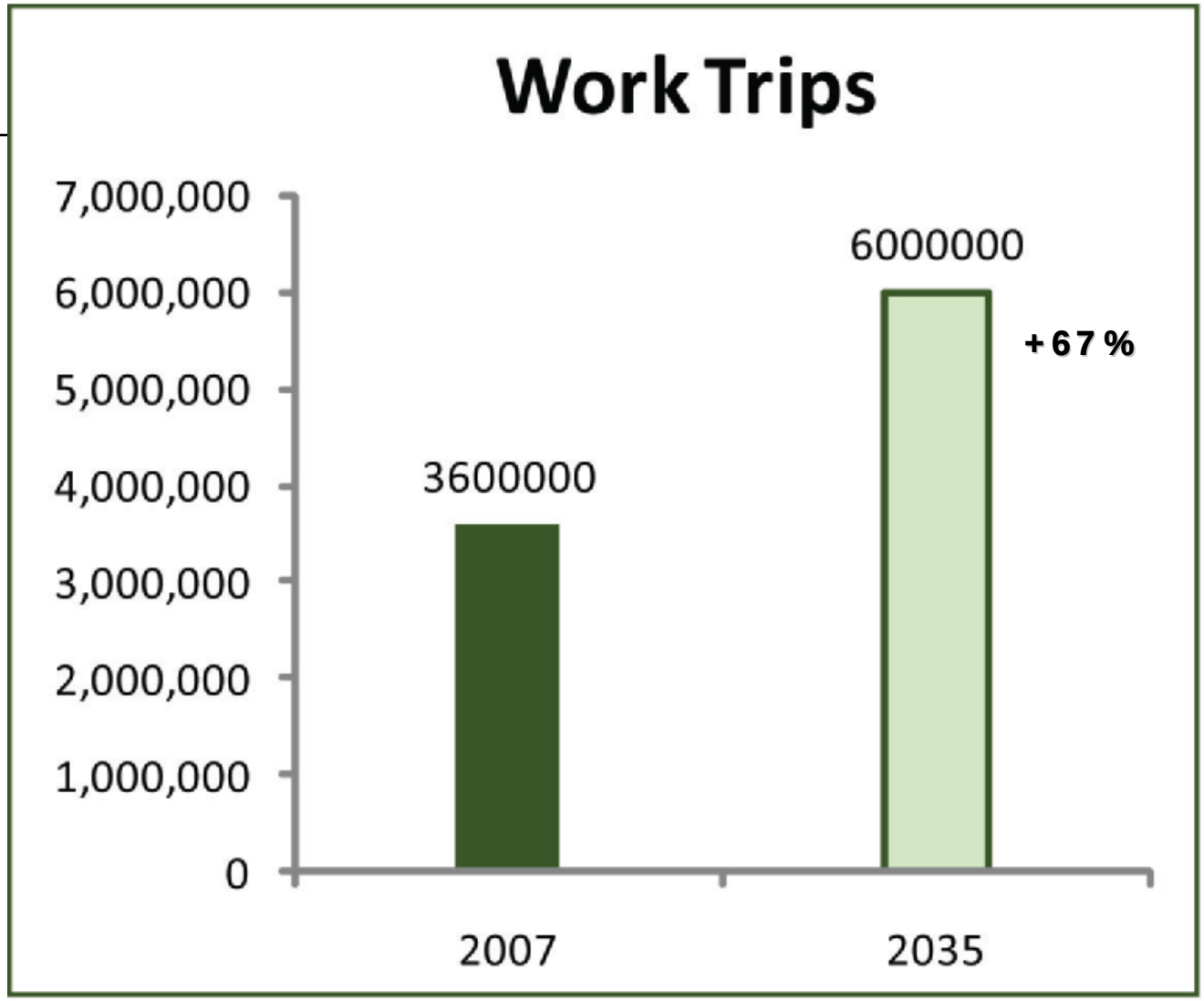


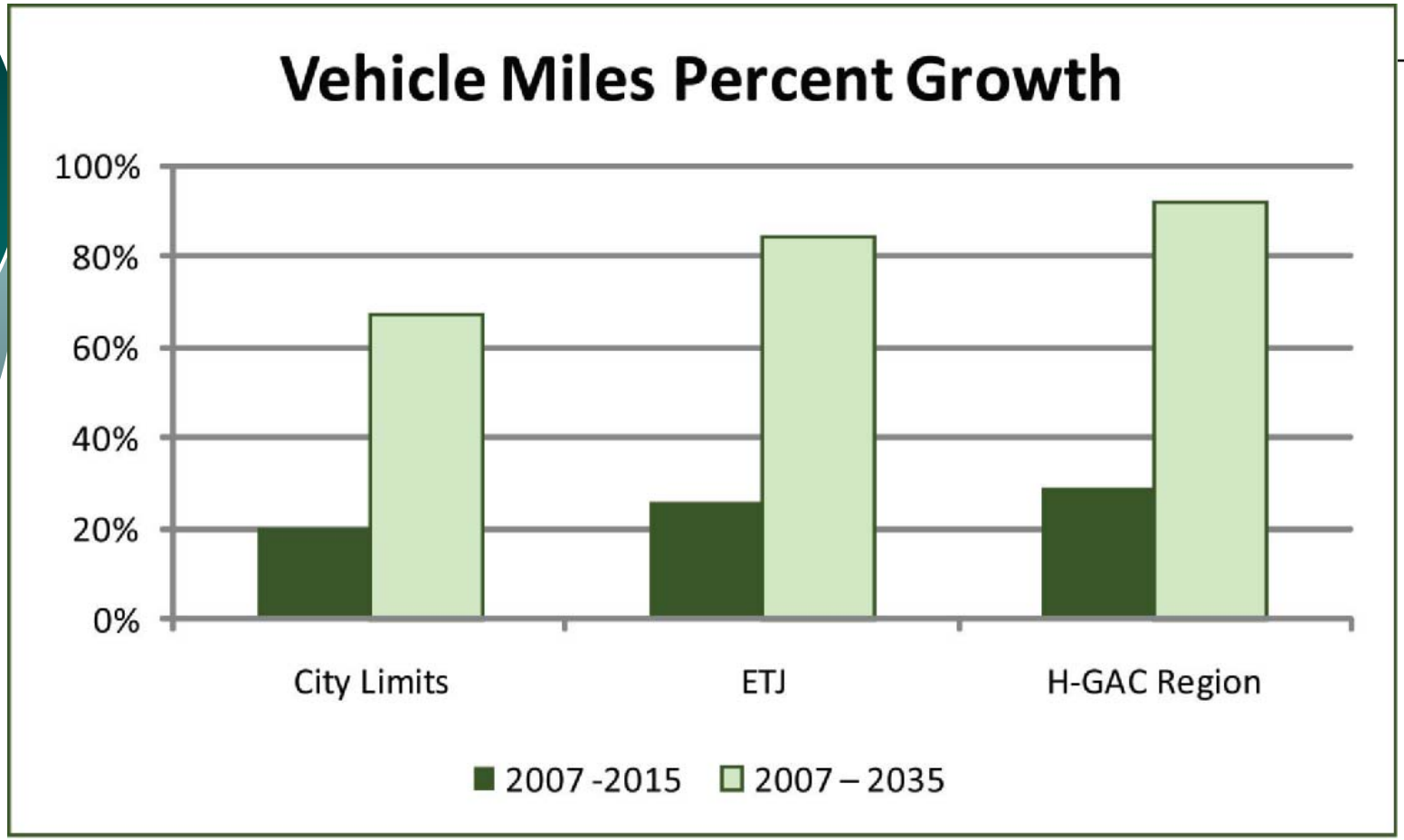
2035 Employment Density



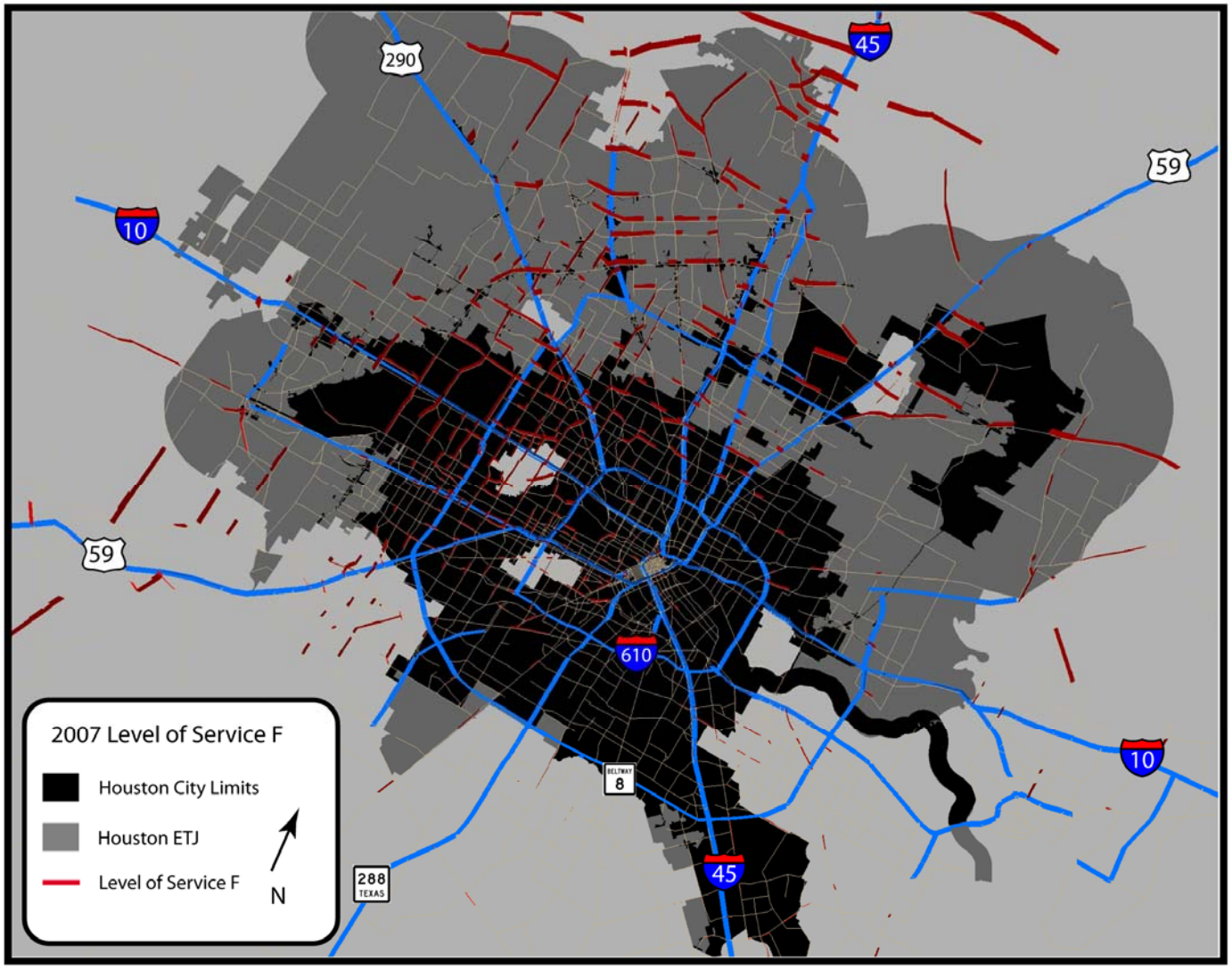
City Centers



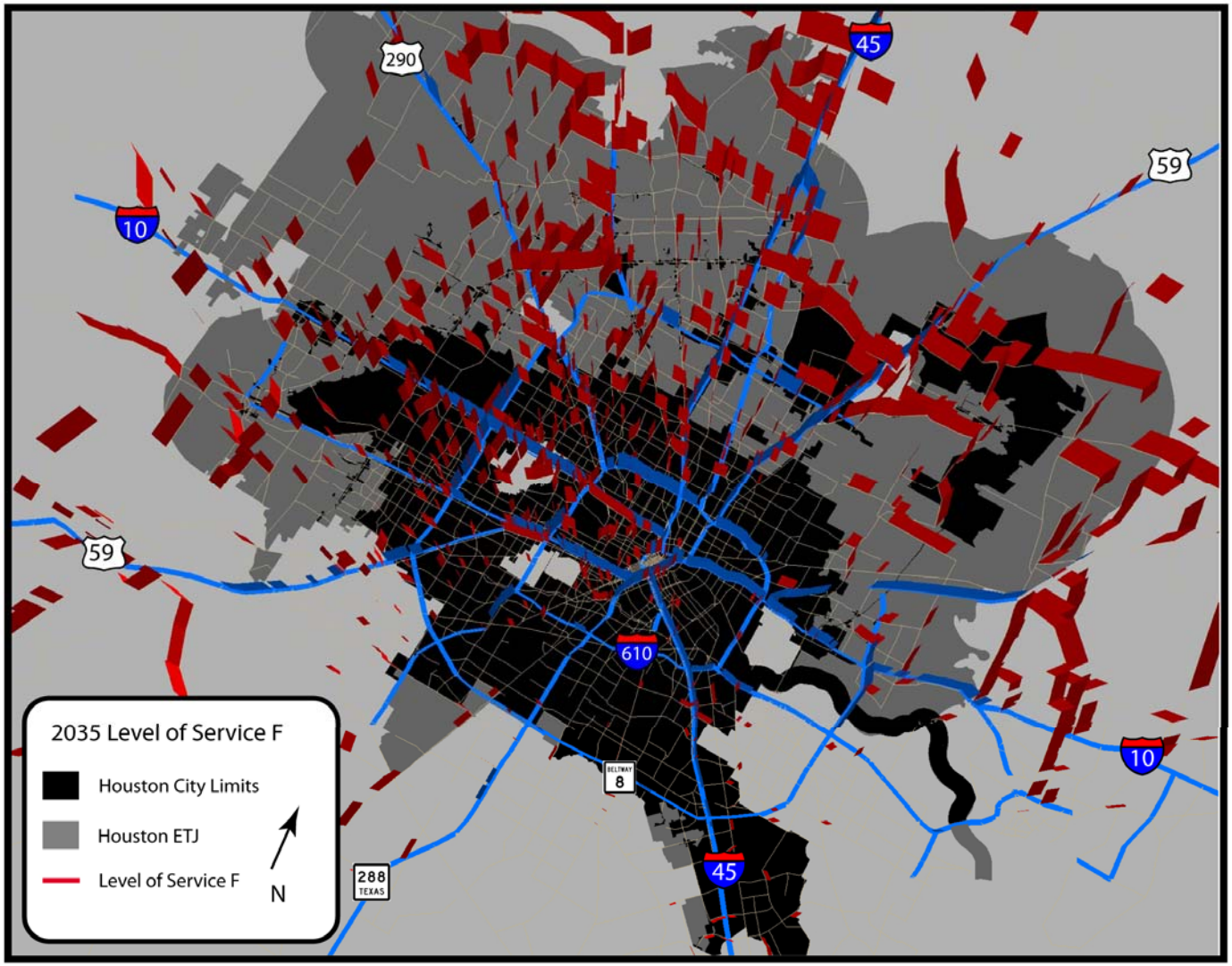

Work Trips
7,000,000
6,000,000
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000
0
3600000
6000000
+67%
2007
2035


Vehicle Miles Percent Growth
100%
80%
60%
40%
20%
0%
City Limits
ETJ
H-GAC Region
2007 -2015
2007 – 2035

2007 LOS F


290
45
59
10
59
610
10
45
288
TEXAS
BELTWAY
8
2007 Level of Service F
Houston City Limits
Houston ETJ
Level of Service F
N

2035 LOS F


290
45
59
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610
10
8
45
288
TEXAS
2035 Level of Service F
Houston City Limits
Houston ETJ
Level of Service F
N

Next Steps (CMP Phase II)

- **Task Order Contract**
  - **Contract change to add $729,000**
    - **$329,000 funded from Fund 2304**
    - **$400,000 H-GAC planning funds**
      - **H-GAC also to provide $100,000 in services**
  - **MTFP Updates**
  - **Capital Improvement Plan**
  - **Sub-Area Studies**

Next Steps (CMP Phase II)

- **MTFP Updates**
  - **Data and the model from CMP Phase I were used to evaluate MTFP recommendations for 2009.**
    - **Mercury Drive**
    - **Hollister**
  - **Assist the Planning Department with modeling needs to evaluate proposed changes to the MTFP in 2010**

Next Steps (CMP Phase II)

- **Capital Improvement Plan Projects**
  - **The Consultant will work with CIP Planning staff to integrate modeling into the CIP project evaluation.**
  - **The Consultant will work with CIP Planning staff to identify potential projects using the Travel Demand Model.**

Next Steps (CMP Phase II)

- **Sub-Area Studies**
  - **Sub-area studies will be prepared to evaluate areas projected to problematic in the future.**
    - **West Inner Loop will be the first study**
    - **Future studies to be identified in conjunction with the planning Department.**

Questions?