

Transit Study

Regional Corridors and Hillsborough Connections



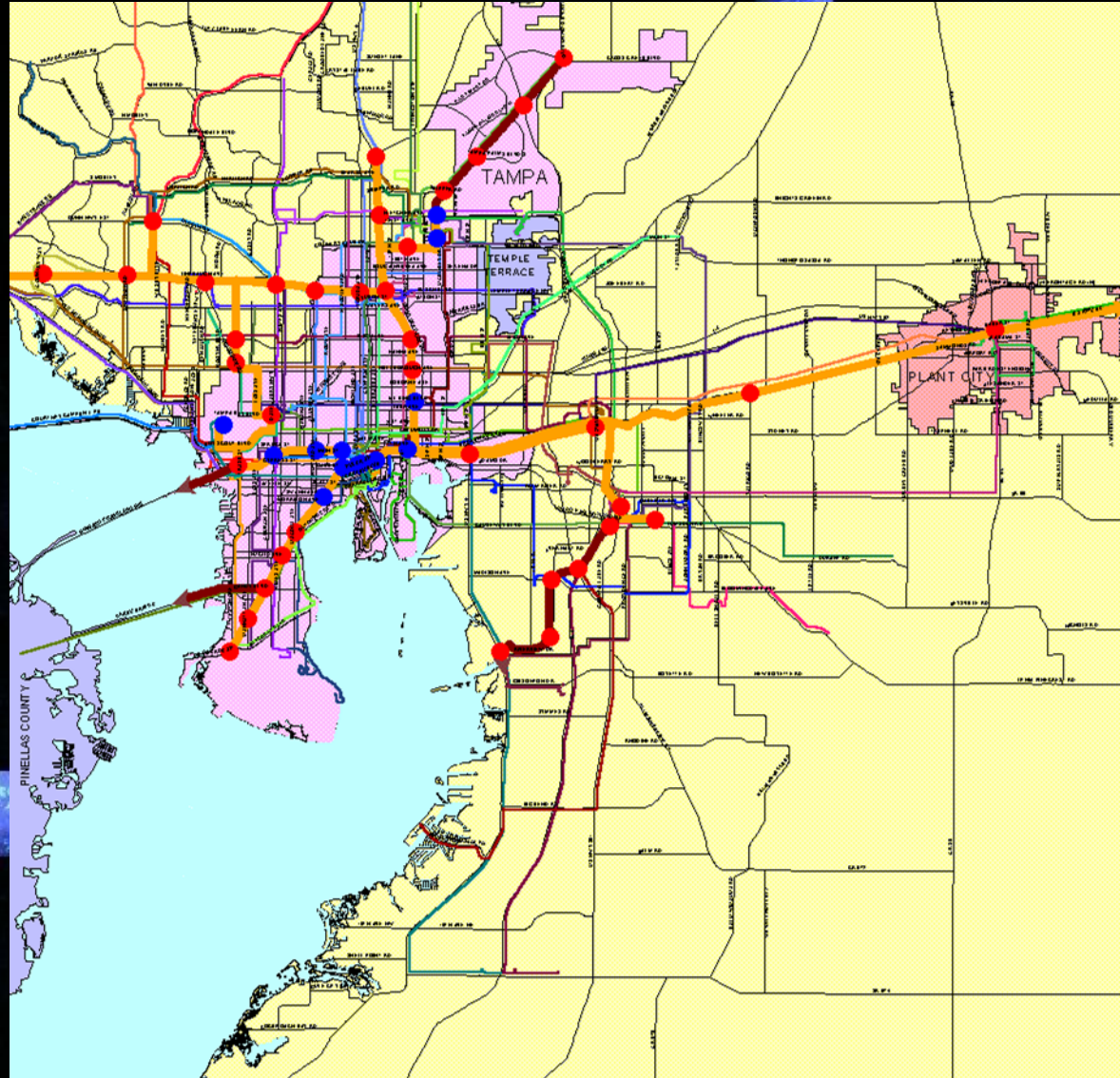
Lucie Ayer, AICP

MPO Board Action, May 06

- Conduct multi-modal mass transit study as part of LRTP update, looking at county & cities' development patterns and a variety of transit technologies.
- Based on the MPO Citizens Advisory Committee recommendation that a long-term vision for public transit in our county be reenergized.

Stepping Stones . . .

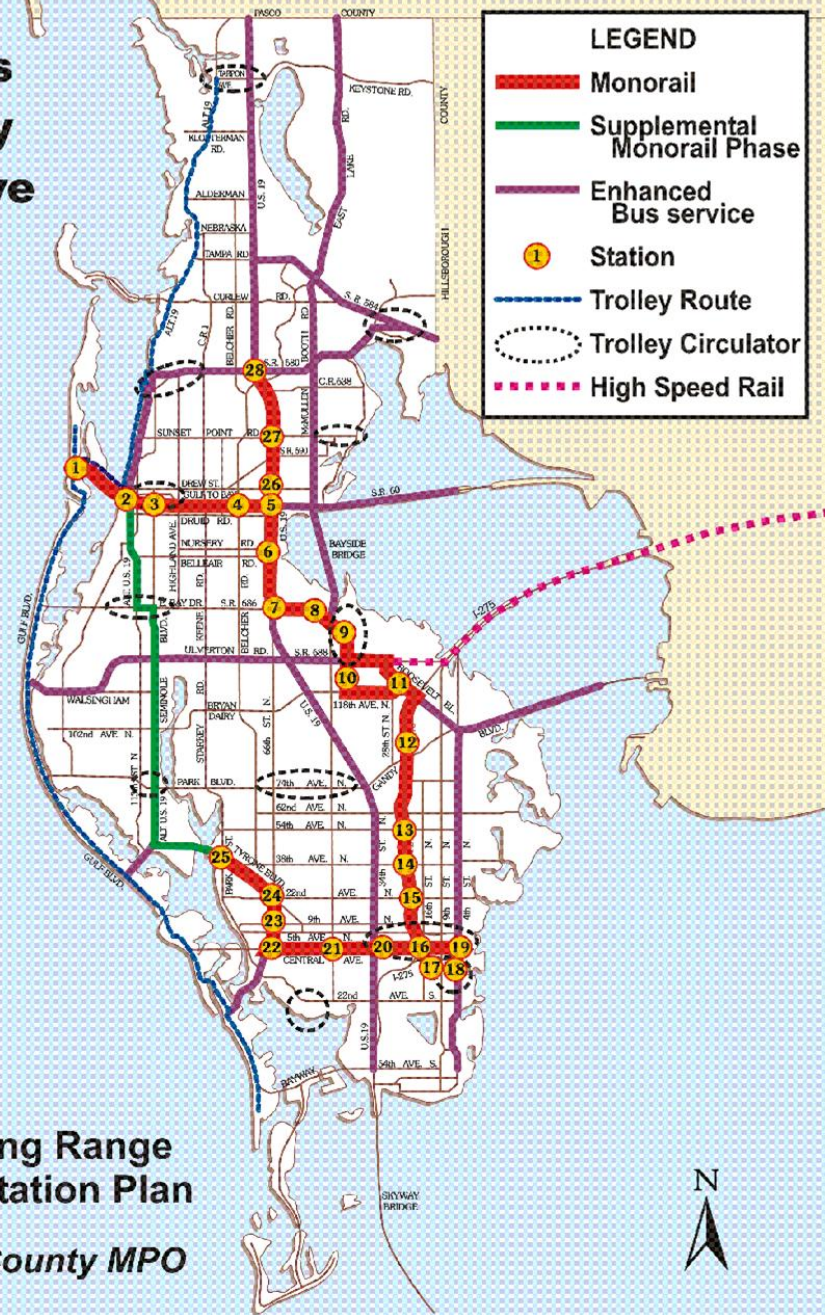
- Tampa/Hillsborough-Lakeland/Polk Mobility Study
- 2020 LRTP, 1998



Stepping Stones . . .

- Pinellas Mobility Initiative, 2003
- Pinellas Long Range Transportation Plan, 2004

Pinellas Mobility Initiative



2025 Long Range
Transportation Plan
Pinellas County MPO

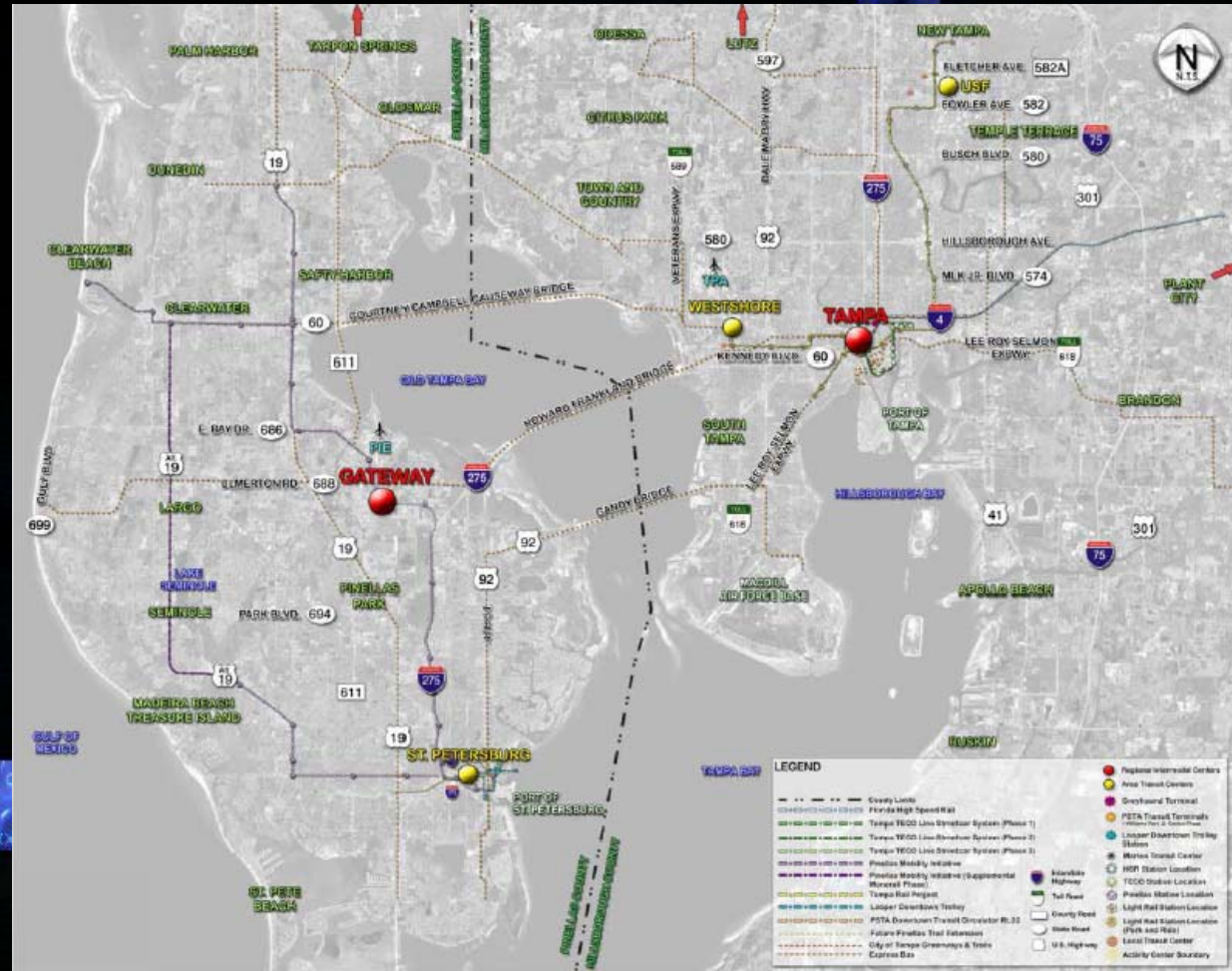
Stepping Stones . . .

- CCC Regional Long Range Transportation Plan, 2004



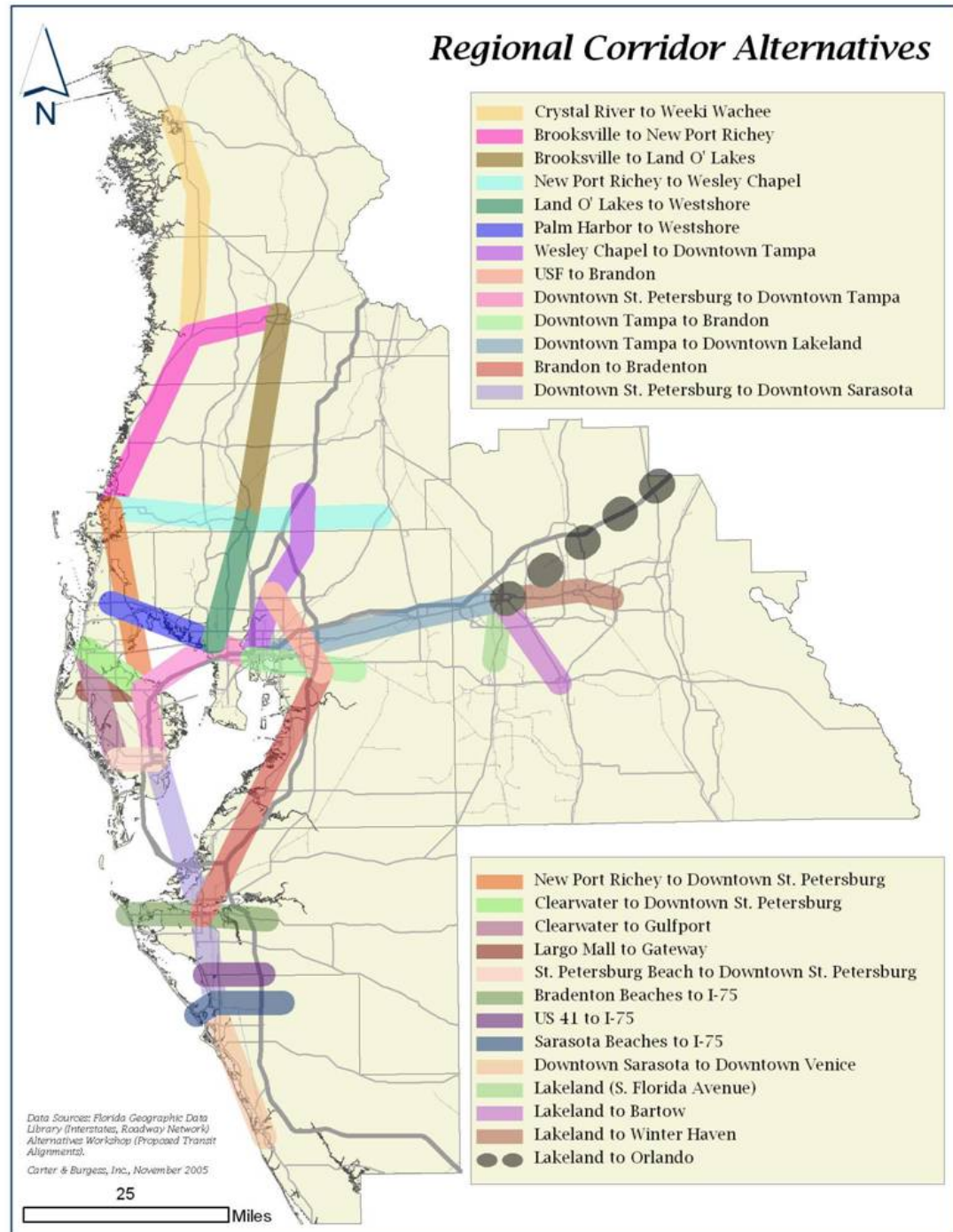
Stepping Stones . . .

- Tampa Bay Intermodal Centers PD&E Study, 2005
- Right-of-way acquisition, Downtown Tampa and Gateway Centers



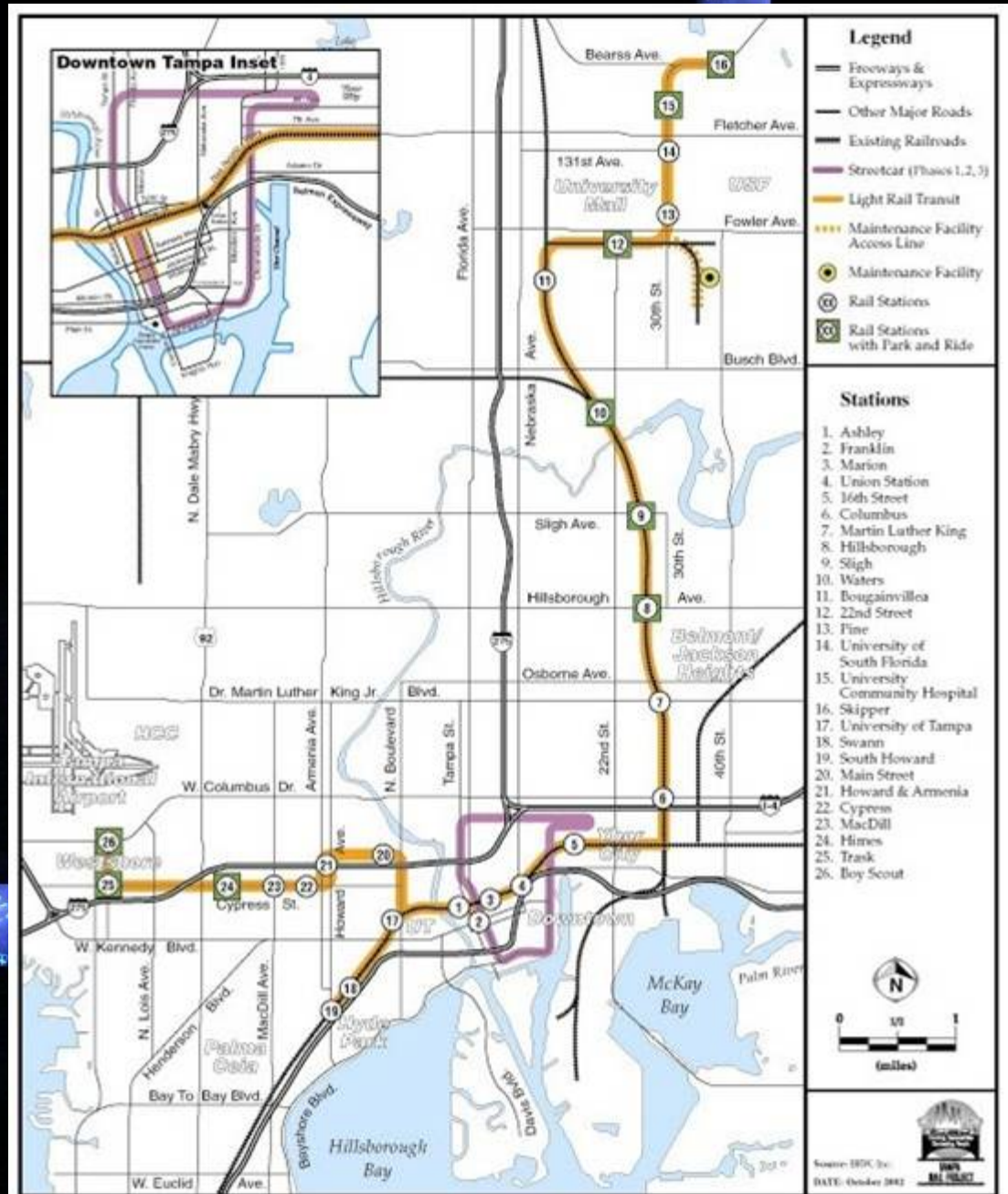
Stepping Stones . . .

- Strategic Regional Transit Needs Assessment, 2006-2007



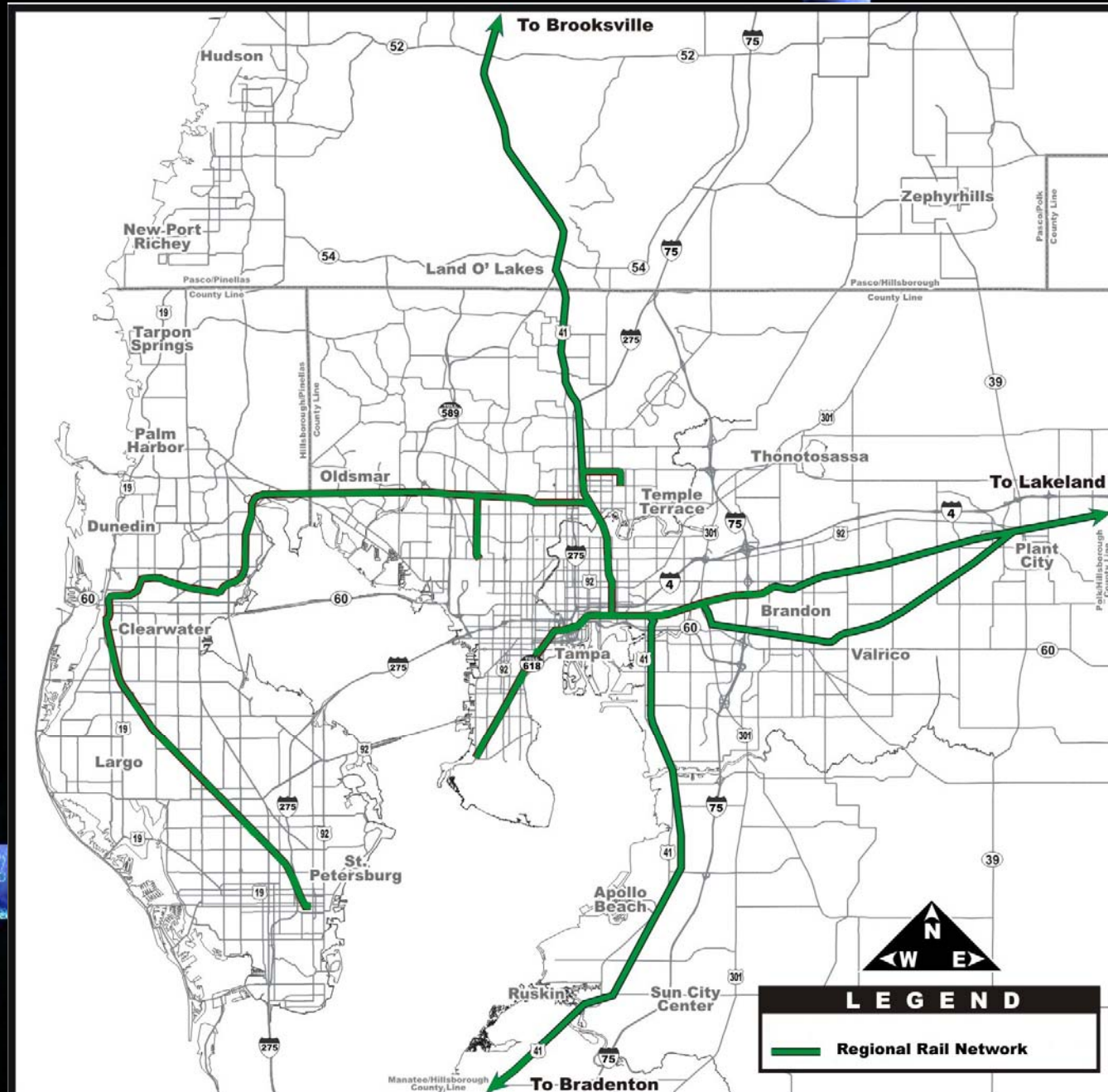
Building Blocks . . .

- Tampa Rail Project FEIS
- Record of Decision, 2003



Building Blocks . . .

- Regional Rail Network



Study Goals

- Develop a concept plan for a countywide transit system
- Look at a variety of technologies
- Emphasize regional and sub-regional corridors
- Develop land use/transit strategies



Study Activities

Design a Process for Decision-making

- Form Stakeholder Teams
- Create website and newsletters
- Develop transit scenarios
- Design and schedule workshops and other meetings to provide a forum for discussion

Study Activities

Conduct a public discussion of scenarios

- Meet with leaders, agency staff and public (coordination and information)
- Look at alternative futures: mobility, economy and quality of life implications
- “What do these choices mean to me?”
- Coordinate with Vision Hillsborough and comprehensive planning activities

Study Activities

Develop a preferred scenario

- Make technology choices
- Describe location and quality of service
- Develop preliminary cost estimates
- Identify the benefits, challenges, opportunities
- Provide an opportunity for comment and consensus
- Refine preferred scenario and identify priority investments

Study Schedule

Briefings and Website	End of Jan
Stakeholder Teams	Start Feb
Workshop	Mar
Preferred Scenario	Jun
Refined Scenario	Oct
Prioritization and Phasing	Nov-December

Transit Study

Regional Corridors and Hillsborough Connections



End of Presentation

Multi-Modal Transit in Hillsborough County

Ramond Chiaramonte, AICP

U.S. Population Boom

- 1915 – 100 Million
- 1968 (53 years) – 200 Million
- 2006 (39 years) – 300 Million
- 2037 (31 years) – 400 Million

Changing Demographics

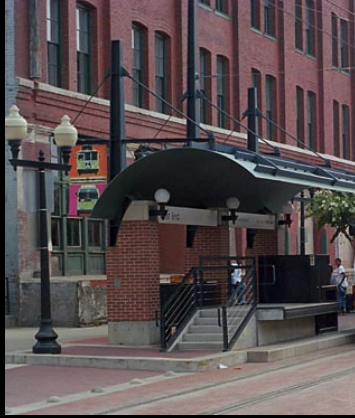
- Empty-nesters
- Elderly
- Single-person Households

**Housing preferences
and lifestyles are shifting**

Why Rail Transit?

- Success of San Diego, Houston, and others;
- Prohibitive cost of oil;
- Metropolitan Statistical Area (MSA) growth trends;
- Tampa as an employment hub;
- Limitations of road-only approach.

Sunbelt Cities



Charlotte NC
26 February 2005
© 2005 Jen Bell

Charlotte



Houston

Albuquerque



San Diego

Cold Places



Denver



Salt Lake City



Minneapolis

Flexibility = Opportunities



Grandparents



Young Families



Single Parents

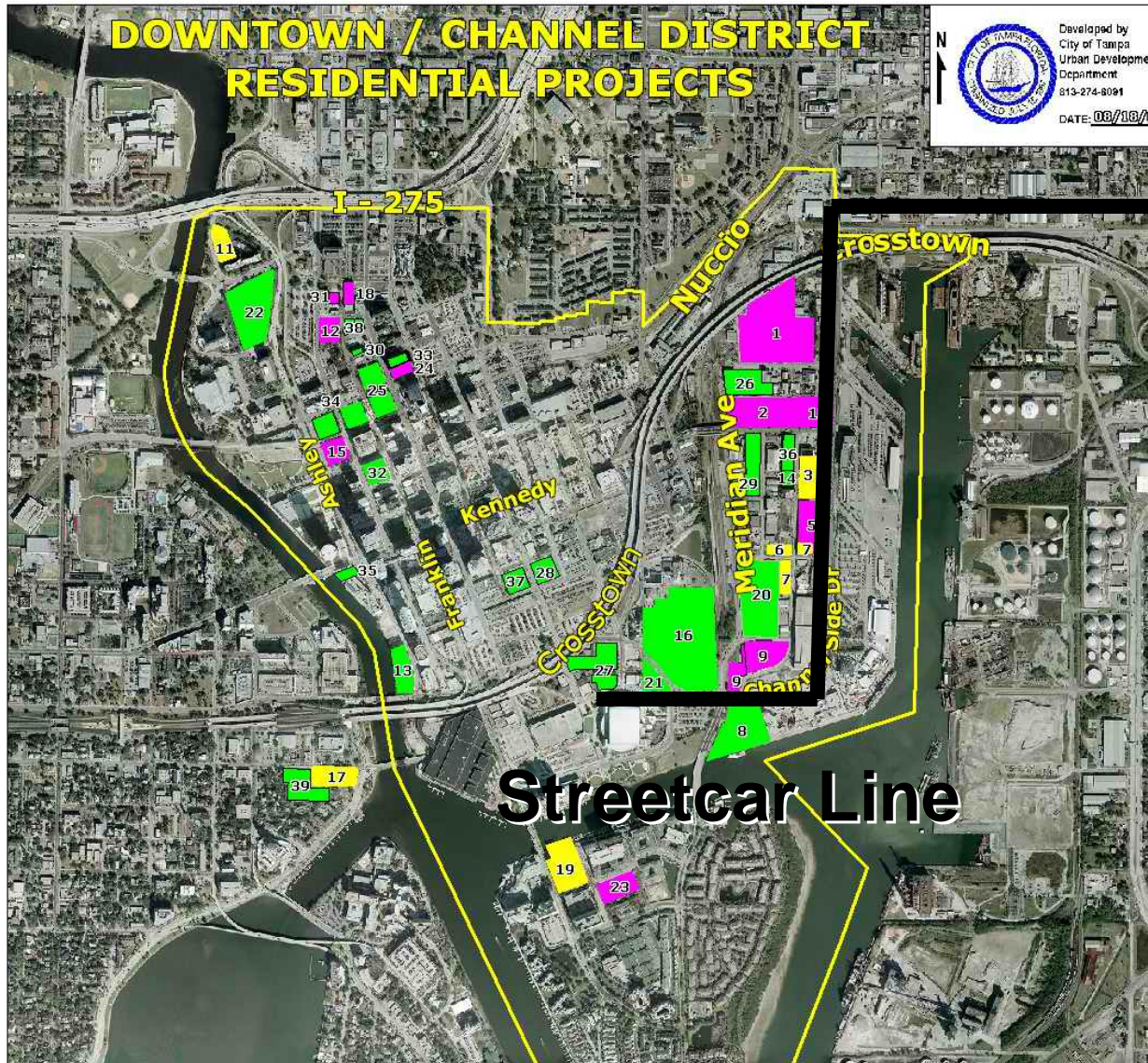
Transit Friendly Development

- Ease congestion
- Walkable Communities
- West-Park Village
- Downtown Tampa –
Channel District

West Park Village



Downtown Tampa – Channel District

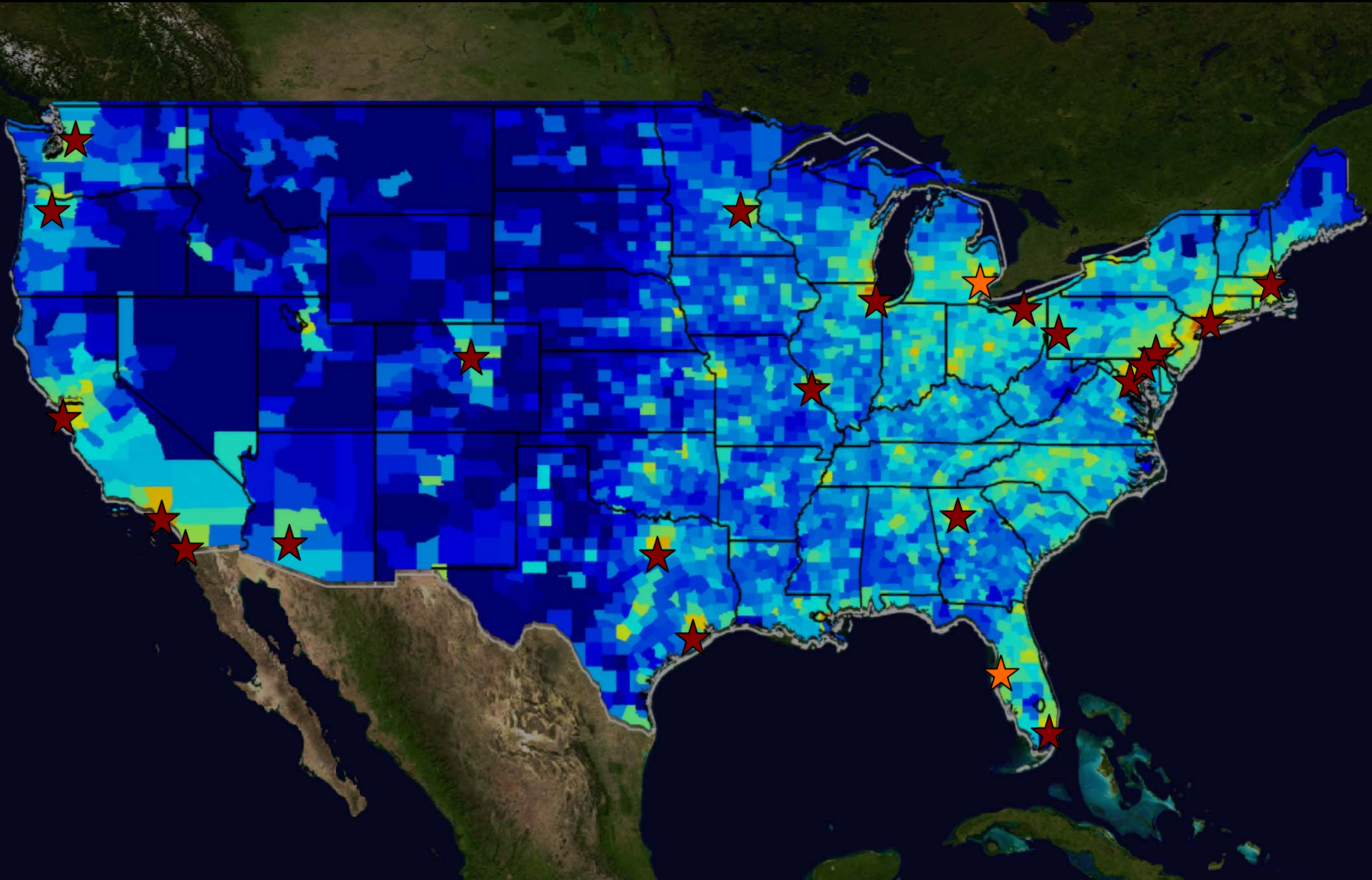


DOWNTOWN / CHANNEL DISTRICT RESIDENTIAL PROJECTS

Developed by
City of Tampa
Urban Development
Department
813-274-8091
DATE: 02/10/06

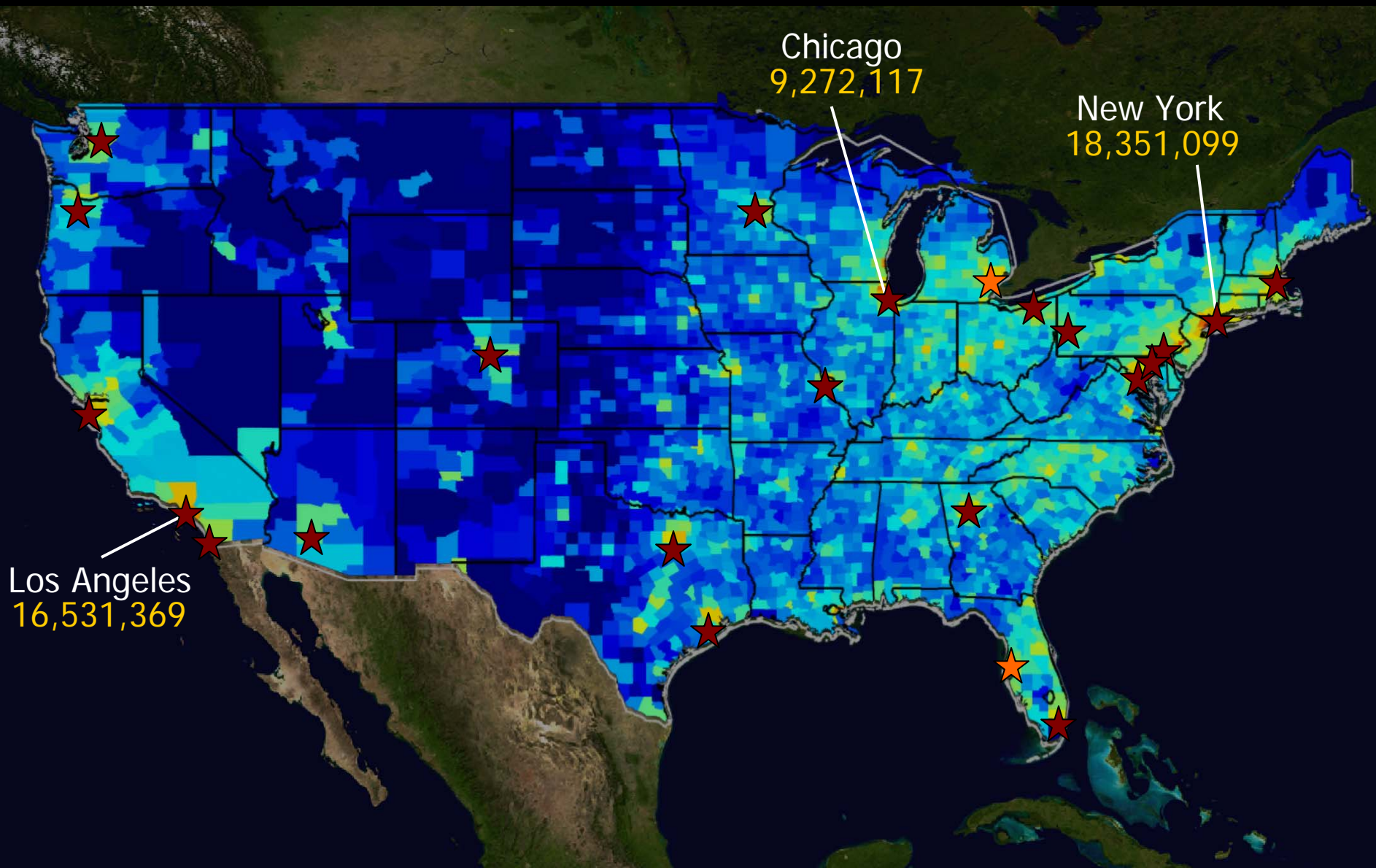
1. Seaport Channelside
5 story 422 Apartments
800-2000 sq ft rental \$1.49/sq foot
2. Grand Central @ Kennedy
Bldg 1 = 12 story, 196 condos
Bldg 2 = 14 story, 196 condos
600-2100 sq ft \$142k-\$550k
3. Channelside 212 lofts
2 Story 28 loft&town
1100-2500 sq ft \$155k - \$305k
4. 1000 Channelside
4 story 10 condos
1500-2600 sq ft \$300k+
5. The Place @ Channelside
Phase 1 - 8 Story 244 condos
Phase 2 - 32 Story 196 condos
600-3700 sq ft \$189k-1 mil+
6. The Meridian
6 story 37 loft/condos
885-1900 sq ft \$223-\$514k
7. Victory Lofts 2 bldgs
4&7 story, 89 condos
800-3500 sq ft \$160-\$850k
8. Downtown Channelside 2 bldgs
30 story, 250 condos
1700-2400 sq ft \$300k-\$500k
9. The Towers @ Channelside 2 bldgs
29 story, 257 condos
1130-4852 sq ft \$290k-\$4 mil
10. Ventana 2 bldgs
11 story, 84 condos
1143-2660 sq ft 580k - \$1.4mil
11. Arts Center Lofts
5 story, 42 condos
742-1483 sq ft \$145,926-\$290,000
12. Residence of Franklin St.
8 story, 40 lofts,
1034-2375 sq ft \$230k-\$700k
13. Trump Tower Tampa
52 story, 190 condos
1951-6150 sq ft \$750k-\$5 million
14. Lafayette Lofts
6 story, 30 lofts
1000-1600sq ft \$300-\$500k
15. Skypoint
32 Story 400 condos
725-1400 sq ft \$170k - \$330k +
16. 02 at Pinnacle Place
O N H O L D
17. Parkside@One Bay Shore
17 story, 103 condos
1120-3700sq ft \$269k-\$1.4mil
18. The Arlington
2 story, 11 condos
660-1600 sq ft \$147k-\$325k
19. Park Crest
9 story, 336 condos
929-2122sq ft \$169k-\$809k
20. Seaboard Square 4 bldgs
6 story, 370 condos
800-3000 sq ft \$250k-\$800k
21. The Plaza @ Channelside
30 Story 251 condos
1100-7600sq ft \$310k-\$4.6 mil
22. Denholtz/Gateway 3bldgs
16,25,40 story, 600 condos
1100-5000sq ft \$250k - 2mil
23. The Plaza at Harbour Island
20 Story, 142 Condos
1100-4300 sq ft \$500k-\$3 mil
24. Floridan Hotel Redevelopment
220 Rooms
25. Kress Redevelopment, 3 bldgs
Bldg 1 44 Story, 574 Condos
Bldg 2 27 Story, 296 Condos
Bldg 3 24 Story, 105 Condos
600+ sq ft \$150 - \$350k
26. The Martin
22 story, 321 condos
646-1220sq ft \$210k - 520k
27. Crescent Heights
6 story, 819 condos
850-2500sq ft \$195k - \$1.5 Mil
28. Seasons Residence
51 story, 410 condos
910-4000sq ft \$250k - 2mil
29. Cobalt Project
8 story, 280 condos
Unknown sq ft \$Unknown
30. Carriage House
4 story, 12 condos
1,000-1,300 sq ft \$400k
31. Franklin Street City Lofts
4 story, 4 condos
2985-3277 sq ft \$800k-\$900k
32. Six Ten Franklin (Maas Bros)
33 story, 500+ condos
516-1165 sq ft \$300k+
33. Tampa City Lofts
37 story, 250 Condos
Unknown sq ft \$200k+
34. Novare-Intown Project
Franklin 34 story, 386 Condos
Ahsley 34 story, 400 condos
646-2080 sq ft, unknown price
35. Museum Tower
50 story, 215 Condos
Unknown sq ft, unknown price
36. Finery Project
23 story, 256 Condos
Unknown sq ft, unknown price
37. Tampa Condo II
51 story, 472 Condos
700-4000 sq ft, \$300k-\$2mil
38. Royal Condos
27 story, 182 Condos
650-3800 sq ft, \$250-\$1.75mil
39. C
28 story, 134 Condos
886-4132 sq ft, \$300-\$2.8mil

The Top Metropolitan Areas by Population

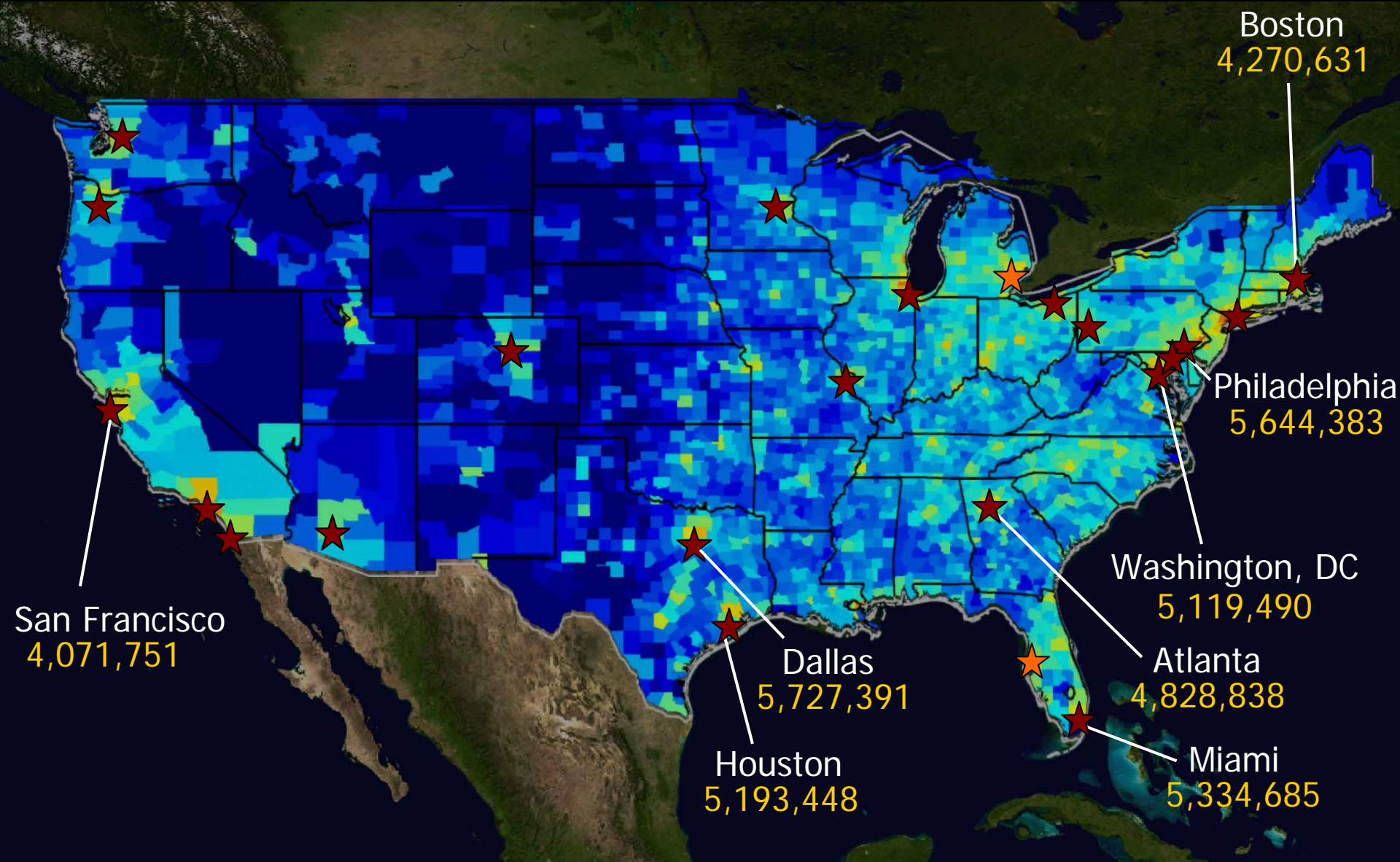


2005 American Community Survey Total Population

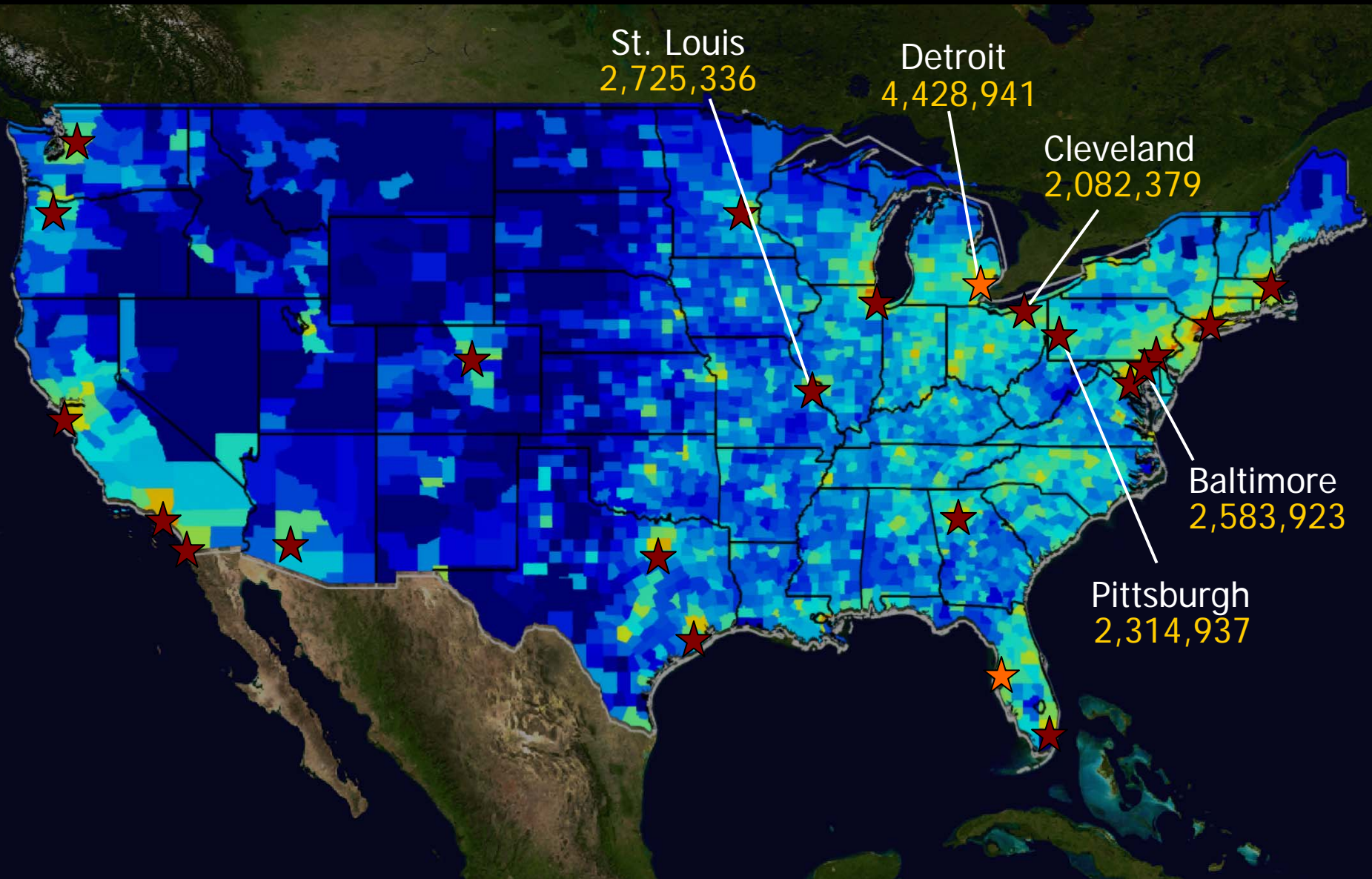
World Class Metropolitan Areas



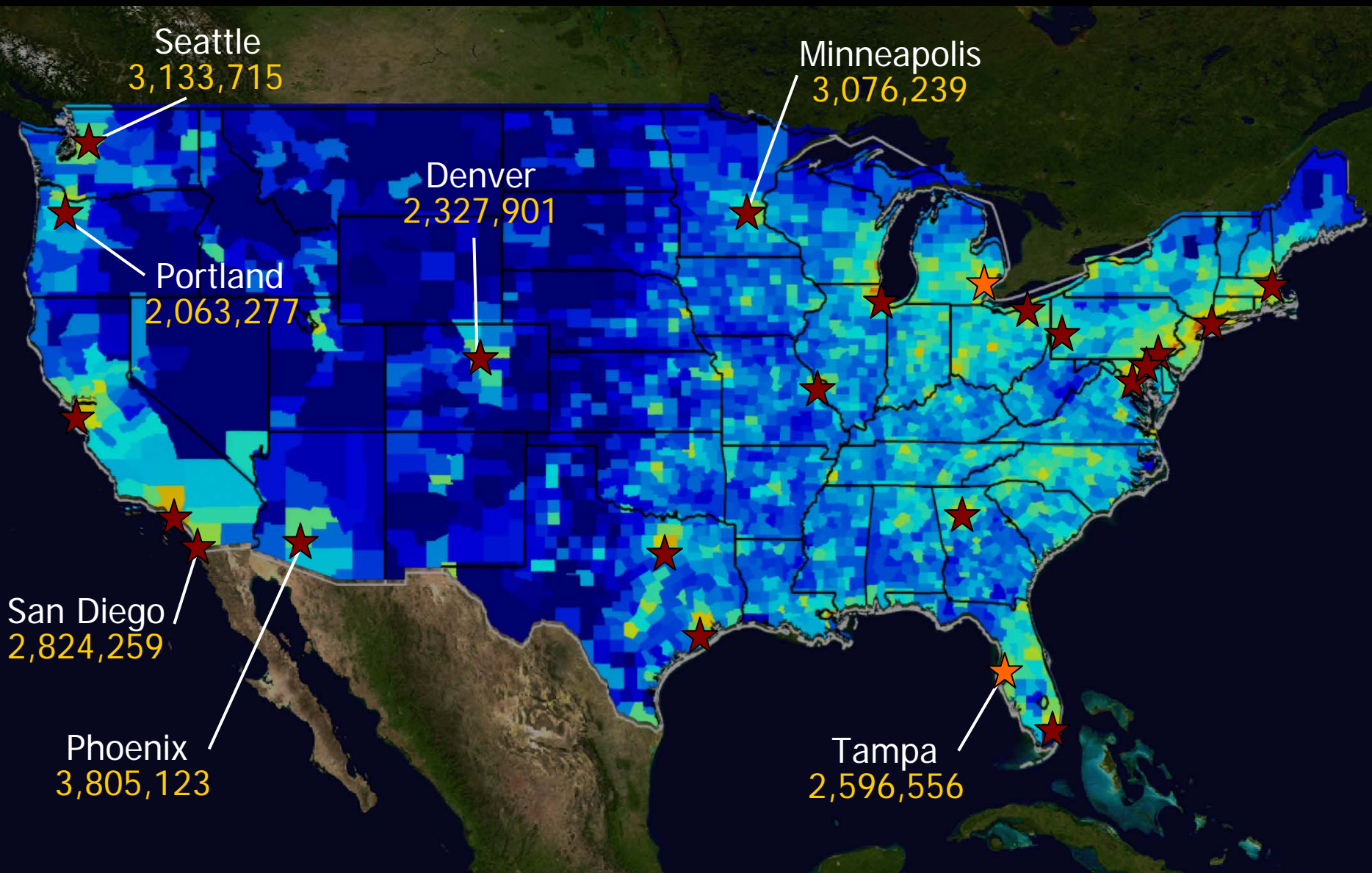
Other Metro Areas of National Significance



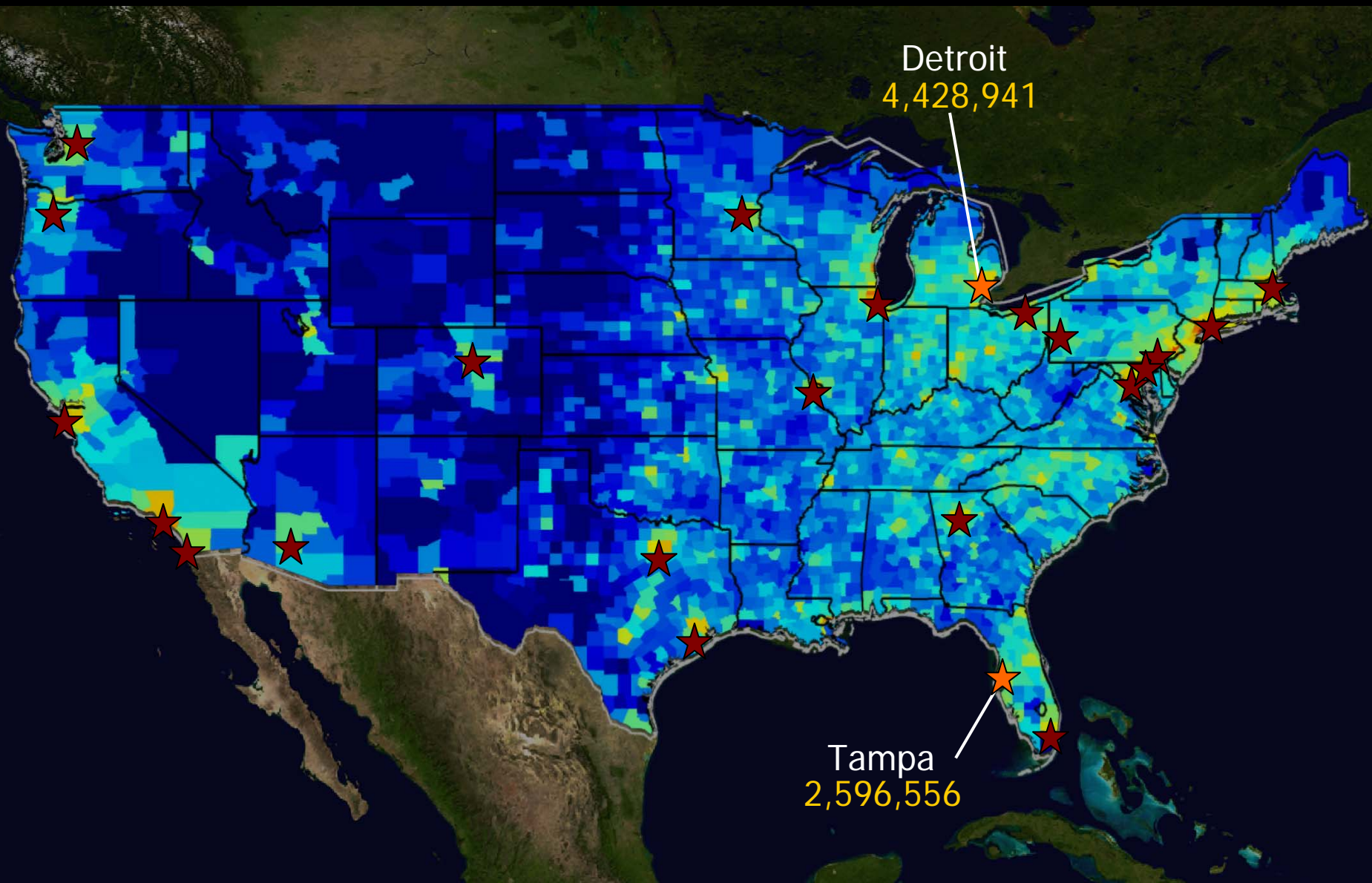
Older Established Major Metro Areas



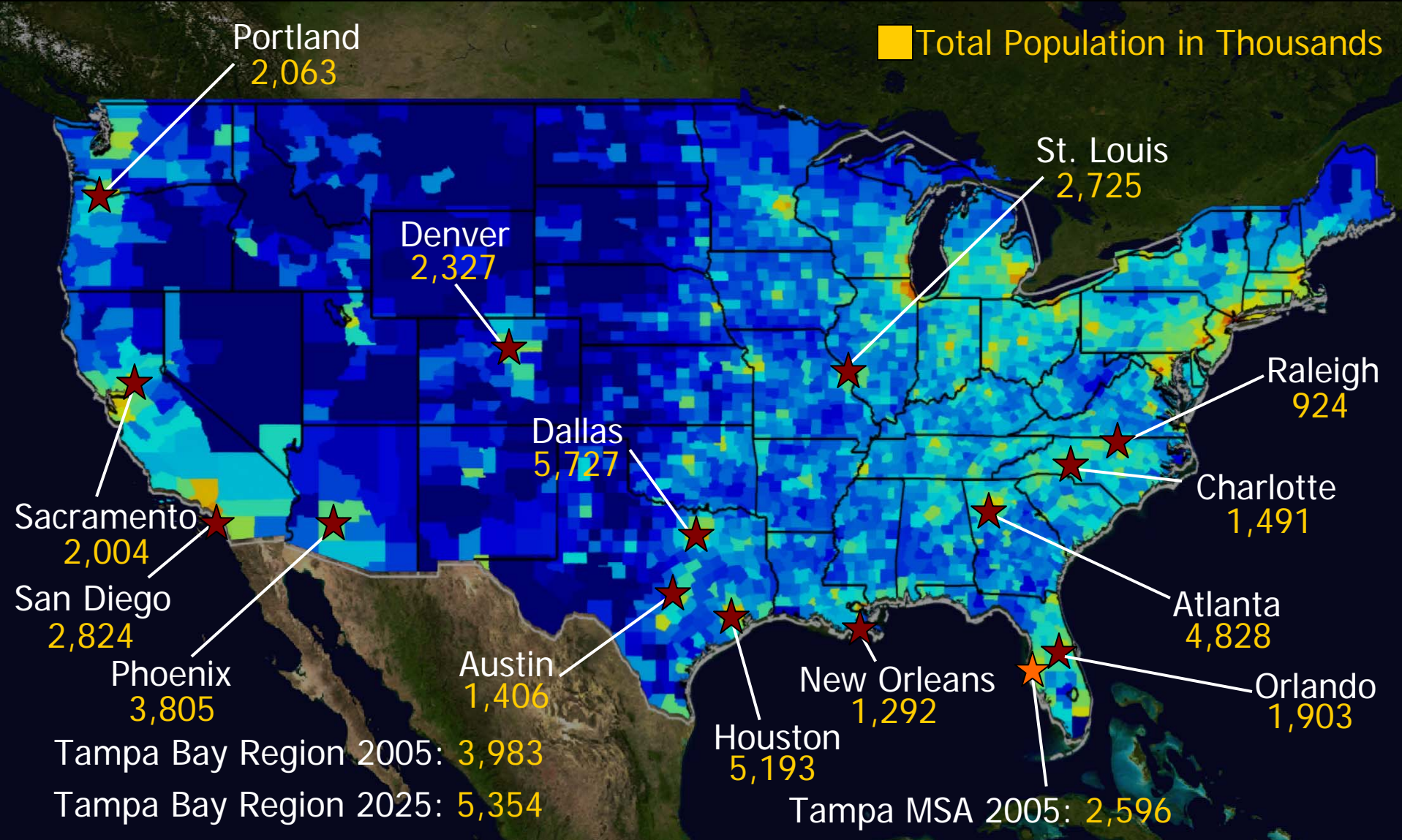
Emerging Metro Areas of National Significance?



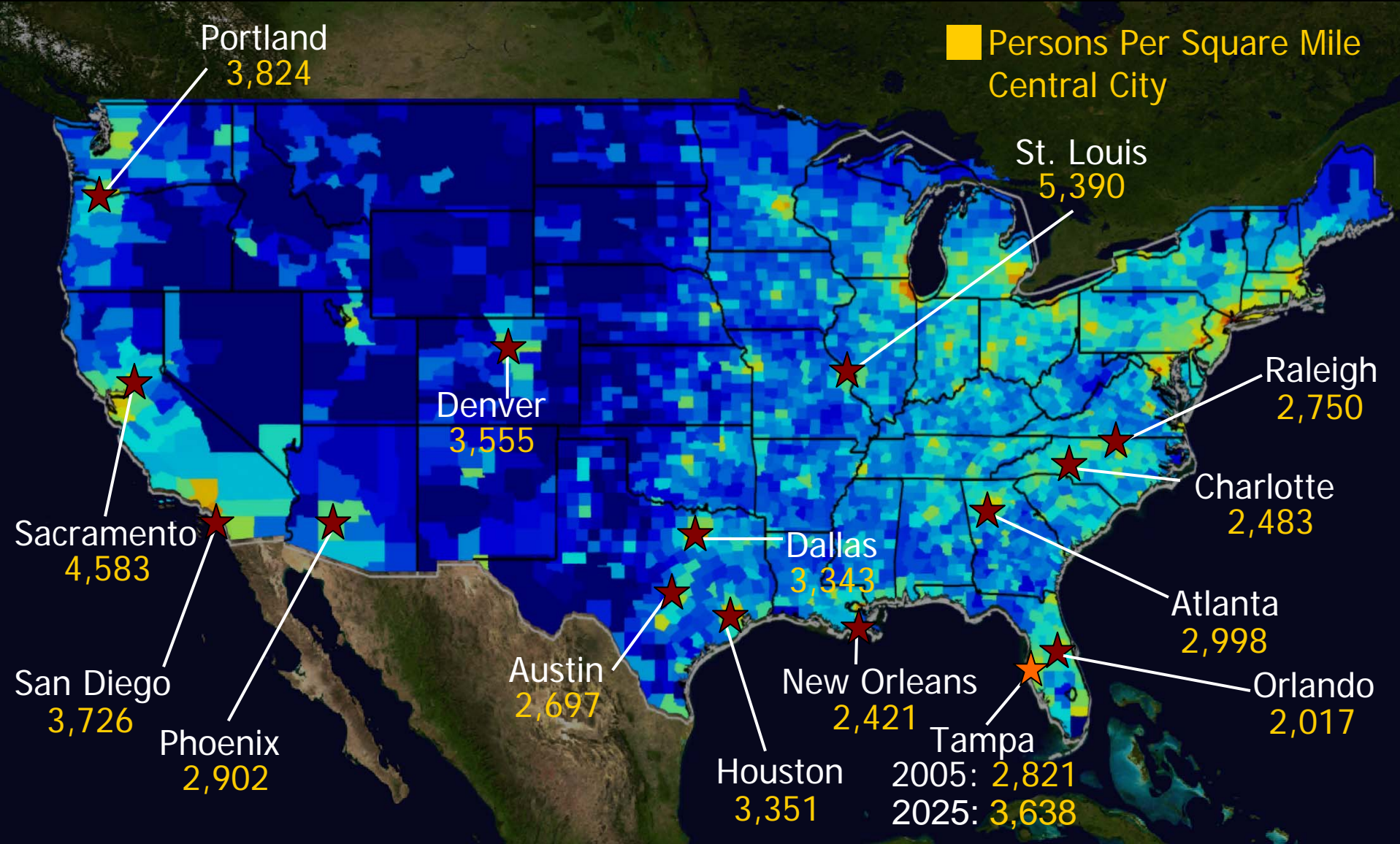
Top Metro Areas **without** Active Rail Initiatives or Existing Rail Systems



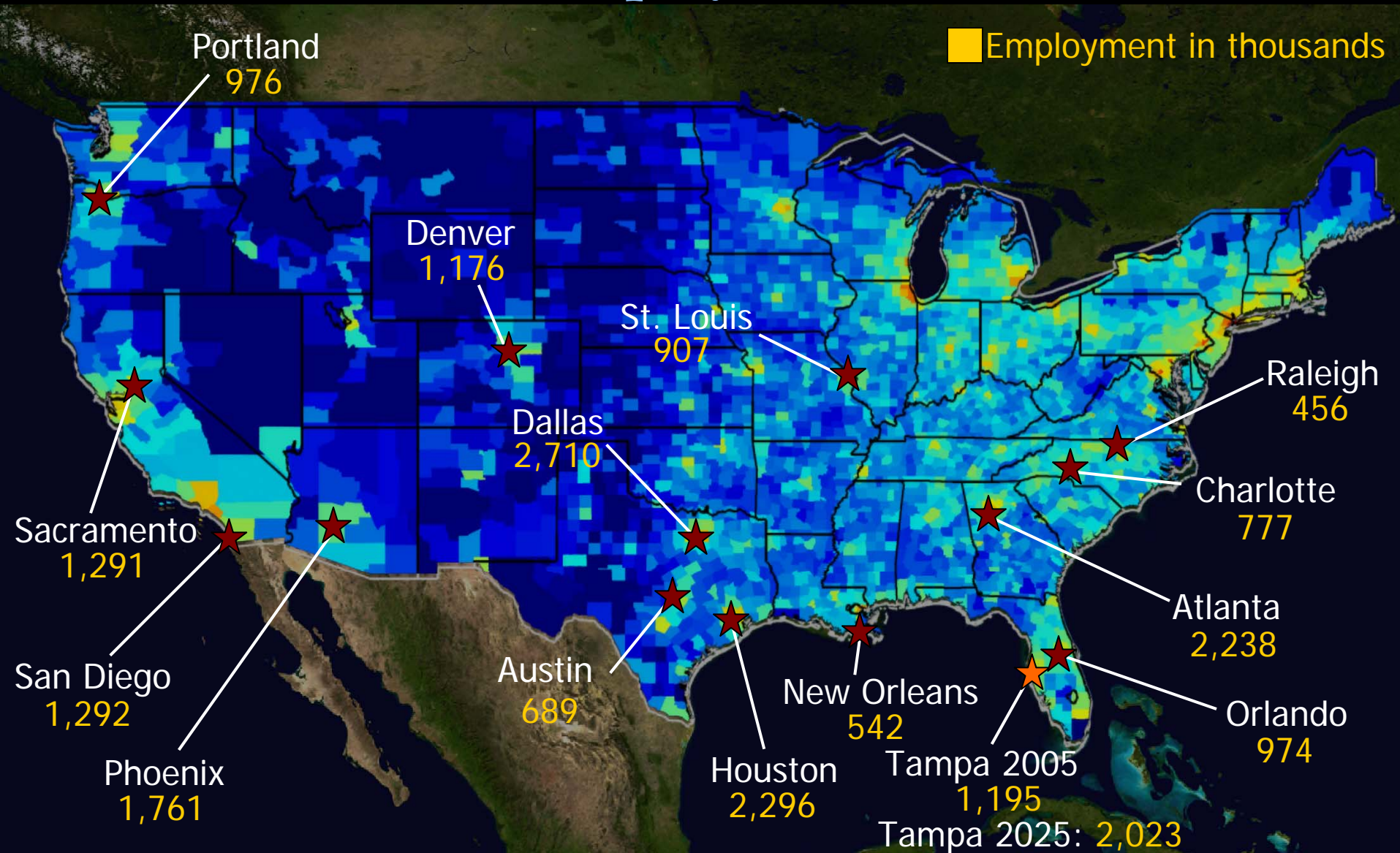
Comparable Areas with Planned or Existing Rail - Population



Comparable Areas with Planned or Existing Rail – Central City Population Density



Comparable Areas with Planned or Existing Rail - Employment



Where does Tampa Bay rank?

- Tampa Bay - ranked 13th largest Television market.
- Tampa Bay - ranked 19th in population.
- Tampa and Detroit - only two areas in top 25 without rail.

Tampa Bay and Surrounding Metro Areas 2005 and 2025 Population

	<u>2005</u>	<u>2025</u>
Lakeland MSA		
Polk	541,840	740,770
Sarasota-Bradenton-Venice MSA		
Manatee	304,364	443,380
Sarasota	367,867	505,400
	672,232	948,780
Tampa-St Pete-Clearwater MSA		
Hernando	150,784	218,900
Hillsborough	1,131,546	1,590,600
Pasco	404,898	610,370
Pinellas	947,744	1,060,100
	2,636,972	3,479,970
GRAND TOTAL	3,851,043	5,169,520



A map of Hillsborough County, Florida, is shown in orange. To its right, two insets are provided: a yellow one for Minneapolis and a green one for Atlanta. The map shows the coastline of Hillsborough County and the Gulf of Mexico to the west. The insets show the geographical shapes of Minneapolis and Atlanta for comparison.

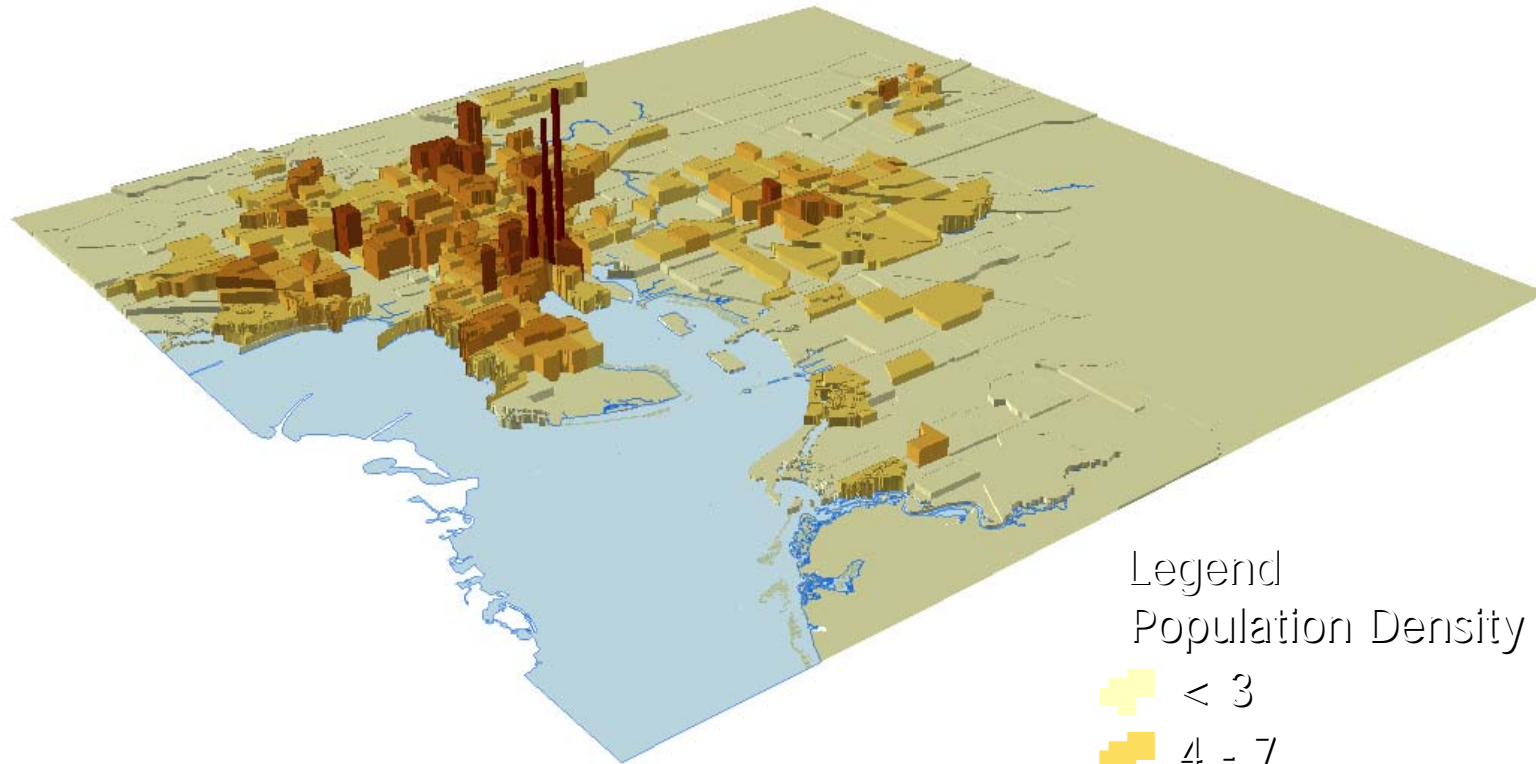
Hillsborough County
1073 sq mi

Minneapolis
58 sq mi

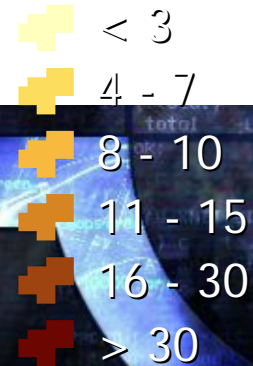
Atlanta
132 sq mi

	Roadway Lane Miles	Public Transportation Within City Limits	
		Transit Miles Service	of Rail Service Miles
Atlanta <i>Pop: 470,688</i>	3,829	2,534	26.8
Minneapolis <i>Pop: 372,811</i>	2,586	2,283	24.2
Hillsborough <i>Pop: 1,132,152</i>	4,300	886	3.2

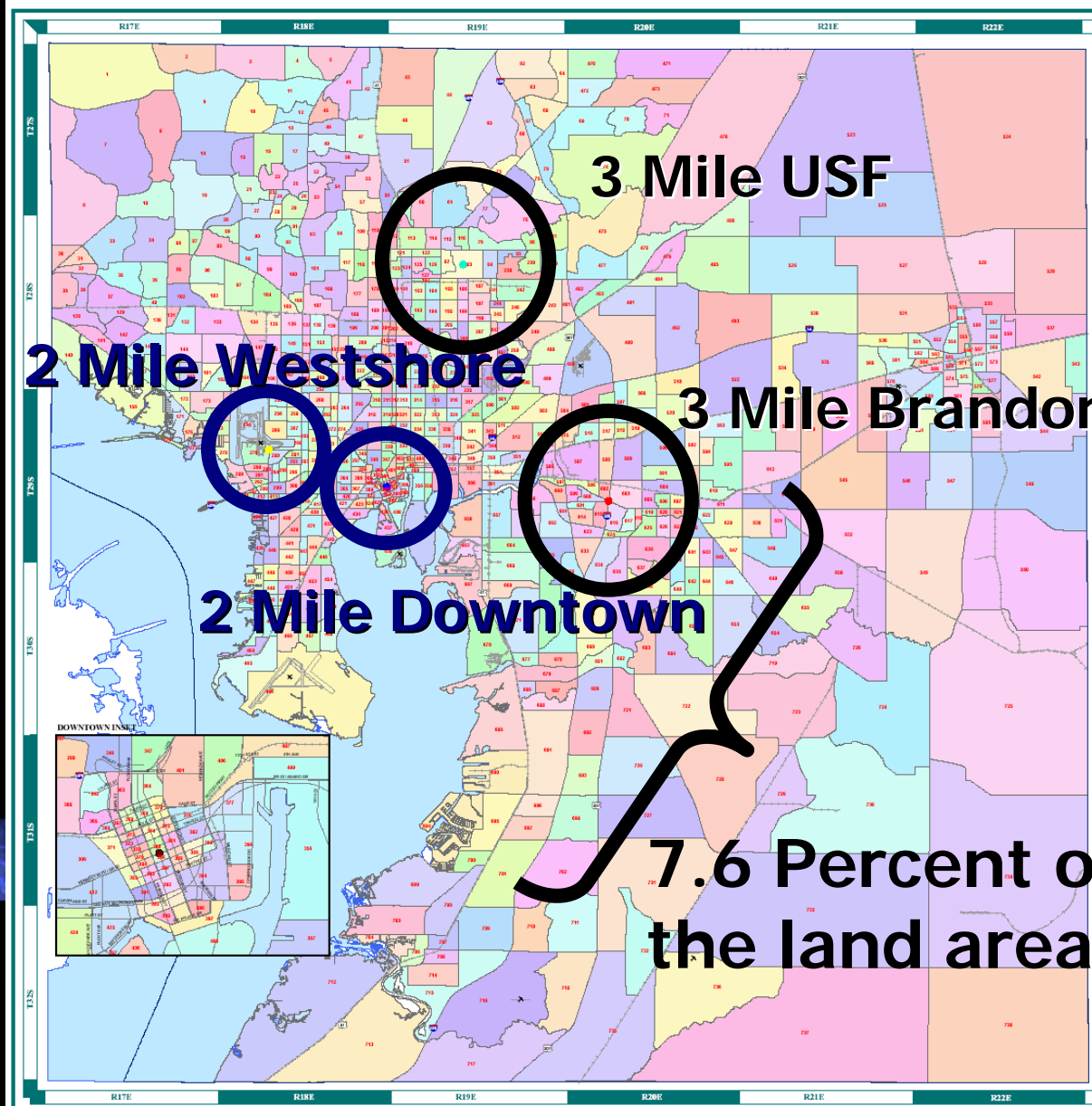
Population: Persons Per Acre - 2025



Legend
Population Density 2025



Employment Centers - Land Area



Hillsborough County 2003 Traffic Analysis Zones



Hillsborough County MPO
County Center, 301 E. Mainway Blvd., 38th Fl.
P.O. Box 1110 Tampa, Florida 33601-1110
813-271-5840 (813) 266-8100 (813) 272-4256 fax

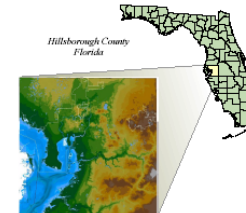
Legend

- 2 Mile - Westshore
- 3 Mile - USF
- 2 Mile - Downtown
- 3 Mile - Brandon

- Traffic Analysis Zone
- Water and Bay
- Streams/Rivers
- County Boundary
- Existing Roads
- Railroad
- Airports
- Airfields



Locator Map



Hillsborough County
2003 Traffic Analysis Zones
August 31, 2006

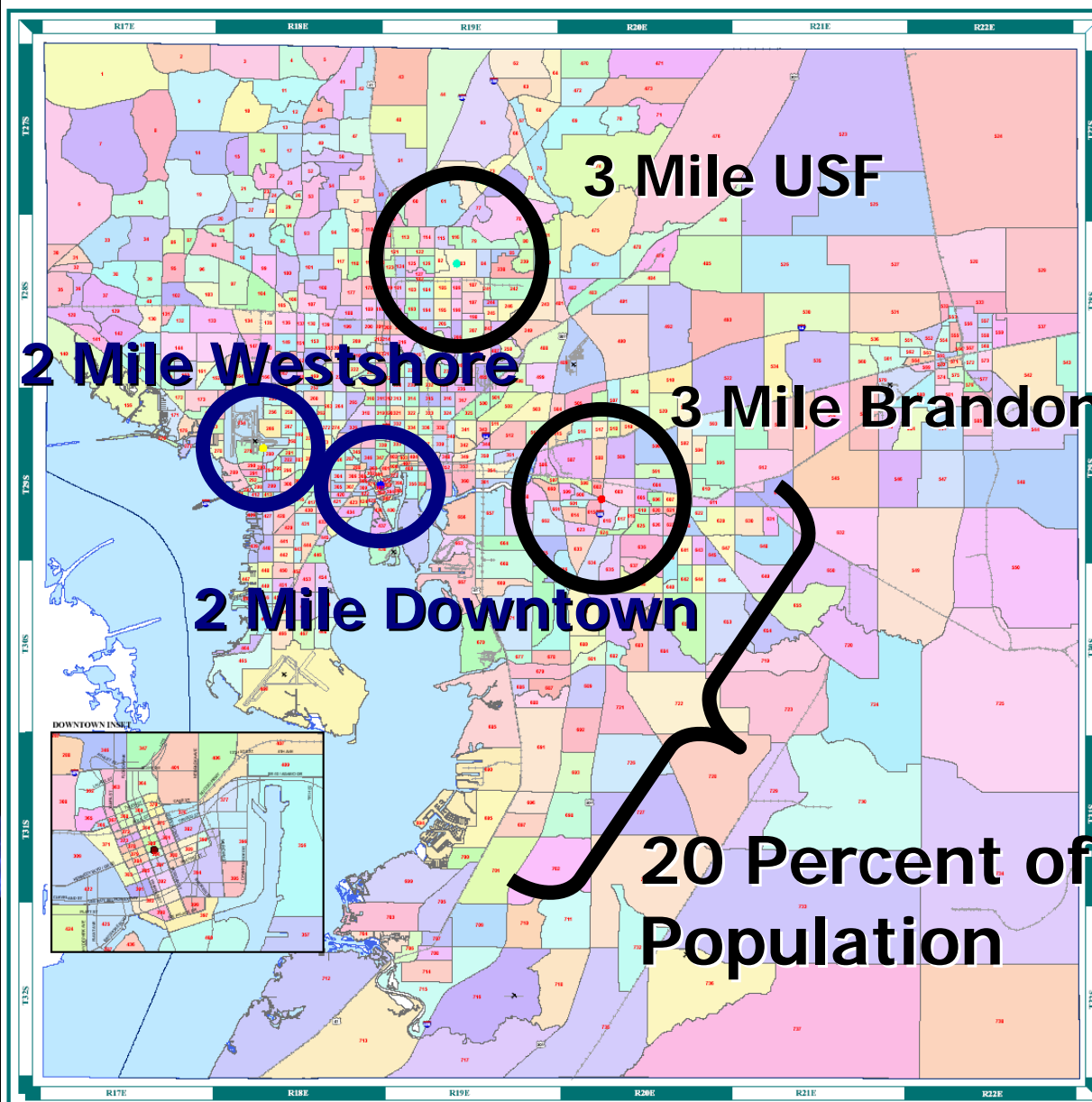
DATA SOURCES: Base map, roads, water from Hillsborough County City-County Planning Commission. Street Lines and Data from Hillsborough County Property Appraiser. Wetlands from SWFWMD. Insignificant Wetlands Derived from Planning and Development Management, based on satellite imagery. Only wetlands greater than 40 acres depicted.

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ACCURACY: It is assumed that the accuracy of the boundary overlay with U.S. National Map accuracy standards. However, such accuracy is not guaranteed by the Hillsborough County City-County Planning Commission. This map is for illustrative purposes only. For the most current data and information, see the appropriate source.

This document is: prepared by the Planning and Development Department, Hillsborough County, Florida. Author: Roger W. Mather - GIS Analyst

Employment Centers - Population



Hillsborough County 2003 Traffic Analysis Zones



Hillsborough County MPO
County Center, 301 E. Mainway Blvd., 18th Fl.
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813-271-5840 (813) 266-8100 (813) 272-4256 fax

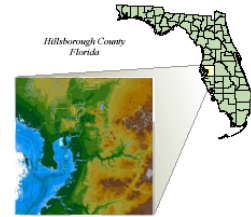
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Locator Map



**Hillsborough County
2003 Traffic Analysis Zones**
August 31, 2006

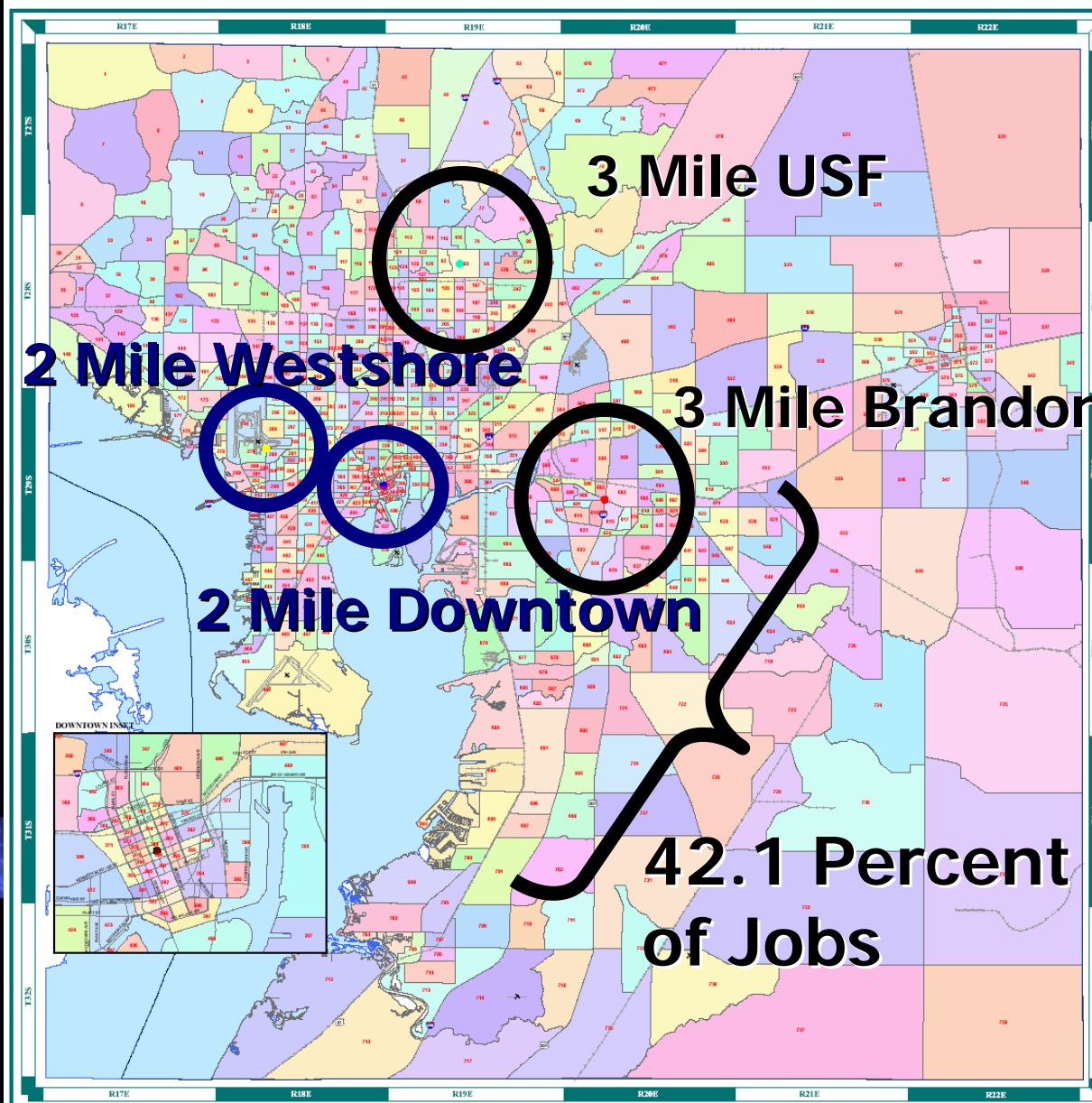
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This document is: prepared/published/TRAFFIC ZONE 2003 TAZ Update-03 and Author: Roger W. Marlin - GIS Analyst

Employment Centers - Jobs



Hillsborough County 2003 Traffic Analysis Zones



Hillsborough County MPO
County Center, 301 E. Mainway Blvd., 10th Fl.
P.O. Box 1110 Tampa, Florida 33601-1110
813-271-5840 (813)-266-8100 (813)-272-4256 fax

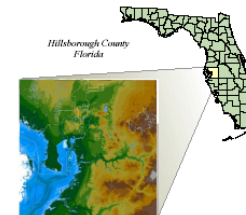
Legend

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Hillsborough County
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August 31, 2006

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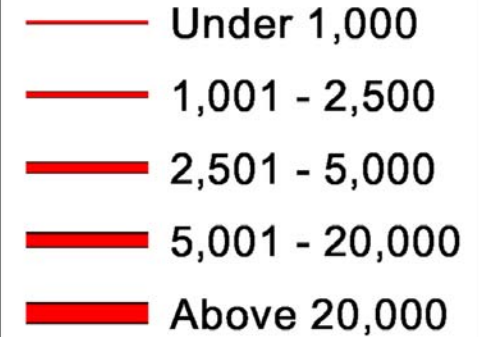
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This document is: prepared by the Planning and Zoning Department, Hillsborough County, Florida
Author: Roger W. Miller - GIS Analyst

Employment Centers - Population

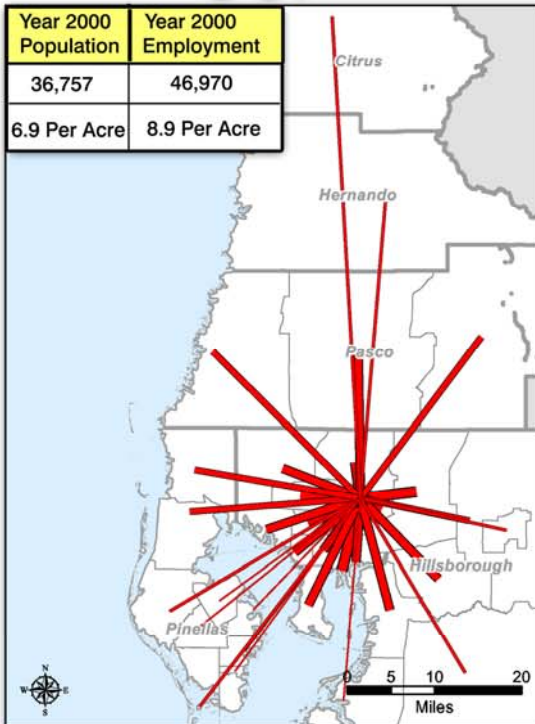
	2000	2004	2015	2025
USF				
Employment	74,161	80,052	97,158	119,992
Population		103,891	121,507	132,818
Housing Units		49,323	57,363	62,794
Downtown				
Employment	89,437	96,707	125,657	156,688
Population		43,079	50,430	67,006
Housing Units		21,689	25,766	34,566
Westshore				
Employment	77,436	83,006	95,355	109,901
Population		16,555	16,888	18,243
Housing Units		7,568	7,675	8,233
Brandon				
Employment	54,783	58,995	71,416	85,172
Population		58,568	65,066	82,257
Housing Units		24,261	27,049	34,217

Total Daily Trips 2025



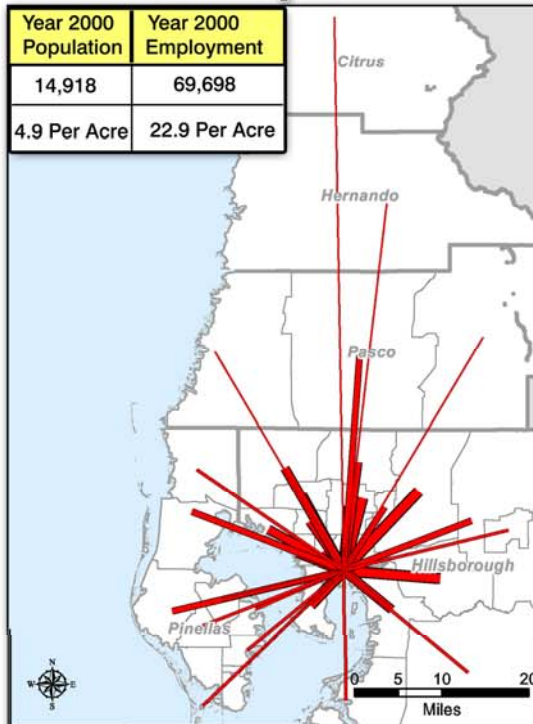
USF

Year 2000 Population	Year 2000 Employment
36,757	46,970
6.9 Per Acre	8.9 Per Acre



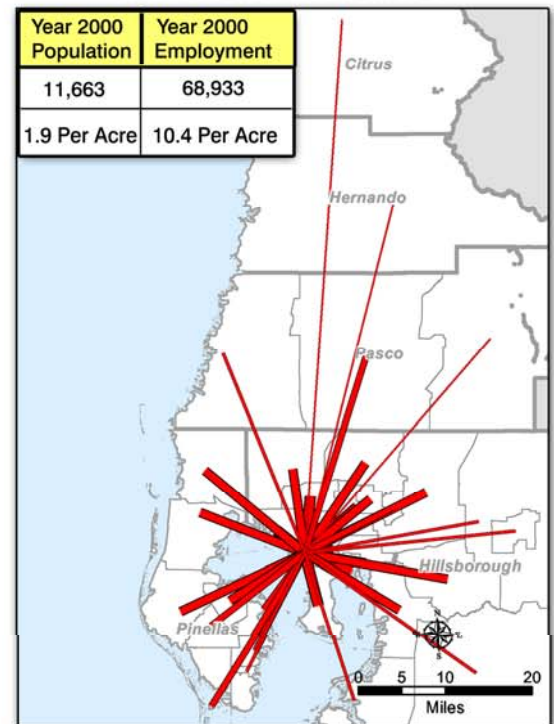
Tampa

Year 2000 Population	Year 2000 Employment
14,918	69,698
4.9 Per Acre	22.9 Per Acre



Westshore

Year 2000 Population	Year 2000 Employment
11,663	68,933
1.9 Per Acre	10.4 Per Acre



Goals of Rail Transit

- Provide a cost effective transportation strategy to keep Tampa Bay competitive with other communities
- Provide for mobility needs within and through the area at peak travel times
- Enhance quality of life through mixed-use and transit development oriented patterns.

**These issues
affect the
success of
our
community**



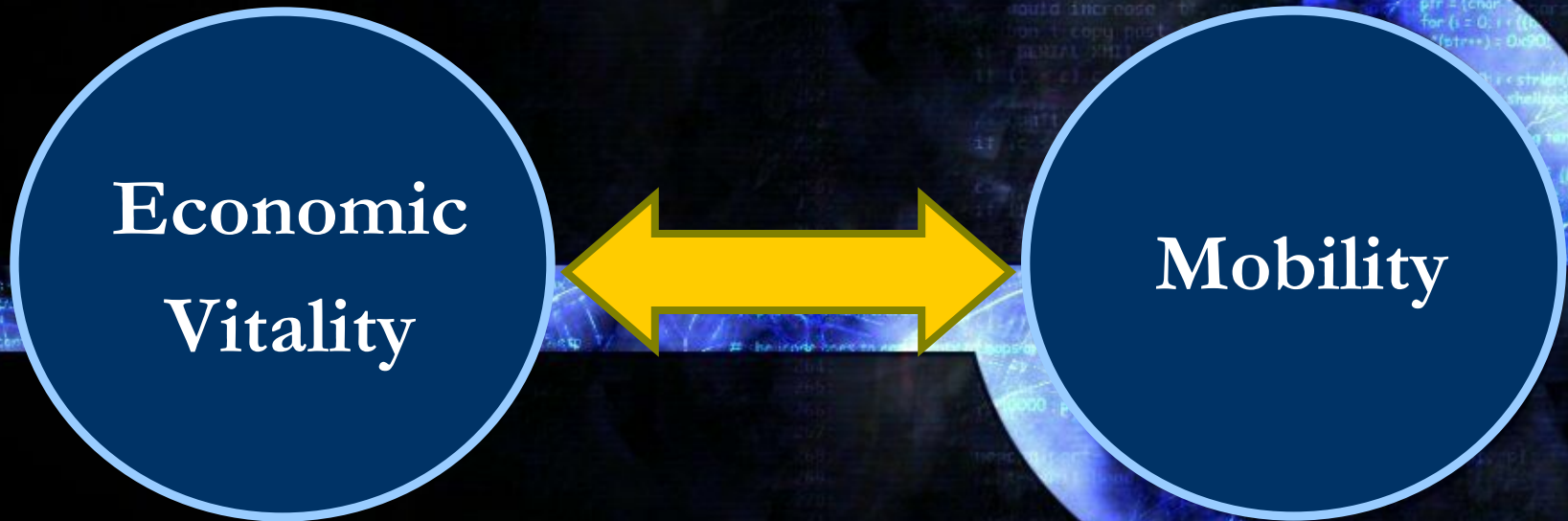
**There are
several
challenges
we face**



The capacity of our
transportation ^{Mobility} system is
limiting our ability to grow.



The nature of our growth
has reduced our mobility
options.



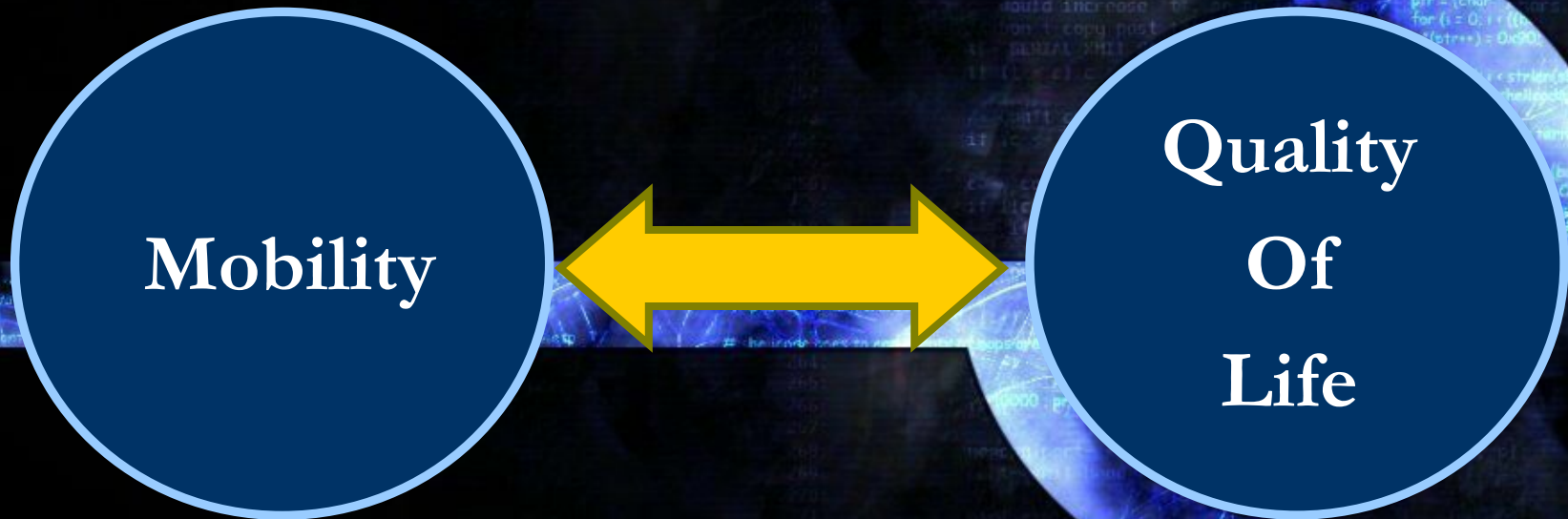
Congestion and long distance driving are resulting in more time behind the wheel.

**Economic
Vitality**

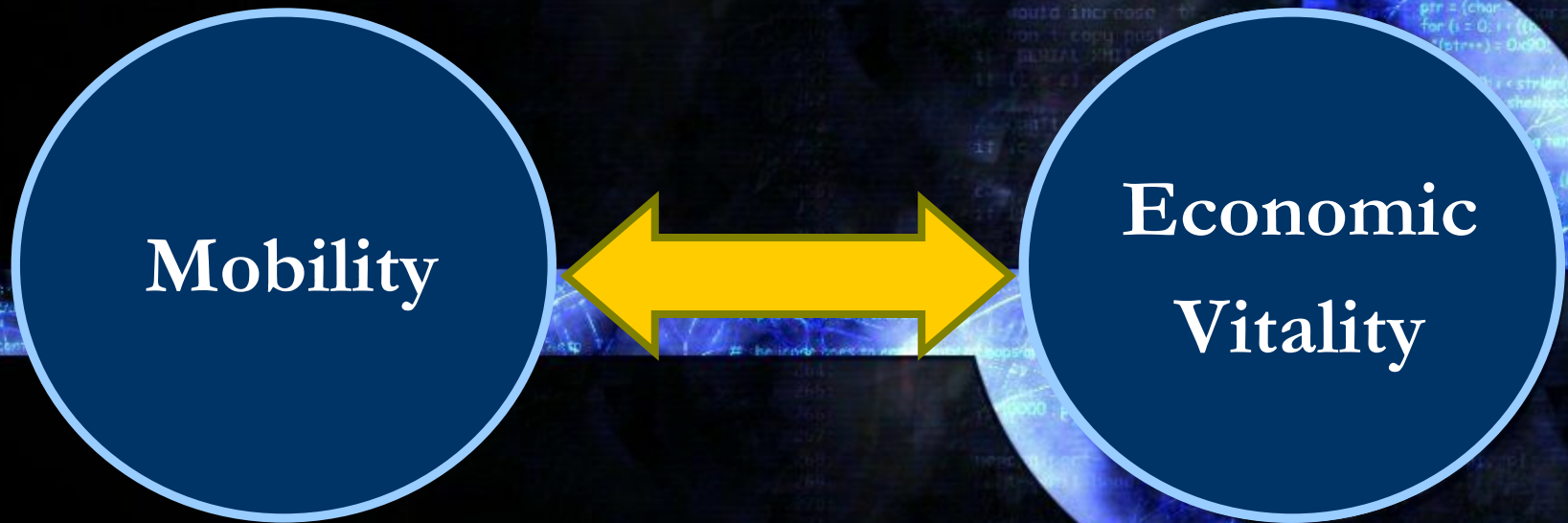
The diagram features two dark blue circles with light blue outlines, positioned horizontally. The left circle contains the text 'Economic Vitality' and the right circle contains 'Quality Of Life'. A large, thick yellow double-headed arrow connects the two circles, indicating a bidirectional relationship. The background is dark with faint blue and white patterns resembling a network or data flow.

**Quality
Of
Life**

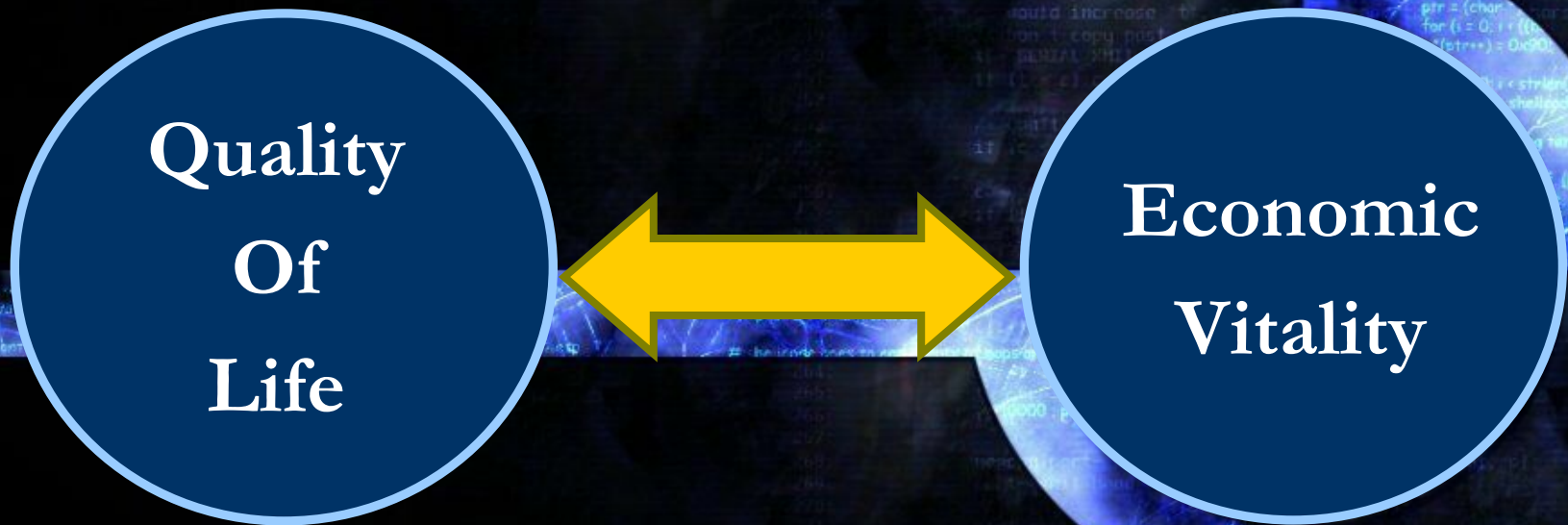
Household transportation costs are very high when driving is the only viable option.



The cost of housing and transportation is growing faster than economic opportunity.

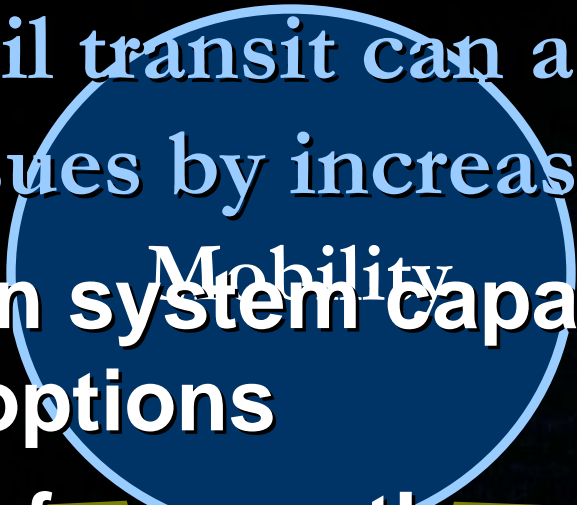


**Workforce housing and access
to jobs are increasingly
important to the local
economy.**



Investment in rail transit can address all of these issues by increasing:

- **Transportation system capacity and mobility options**
- **Opportunities for growth**
- **Housing and transportation affordability**
- **Access to jobs and services**



Resolution

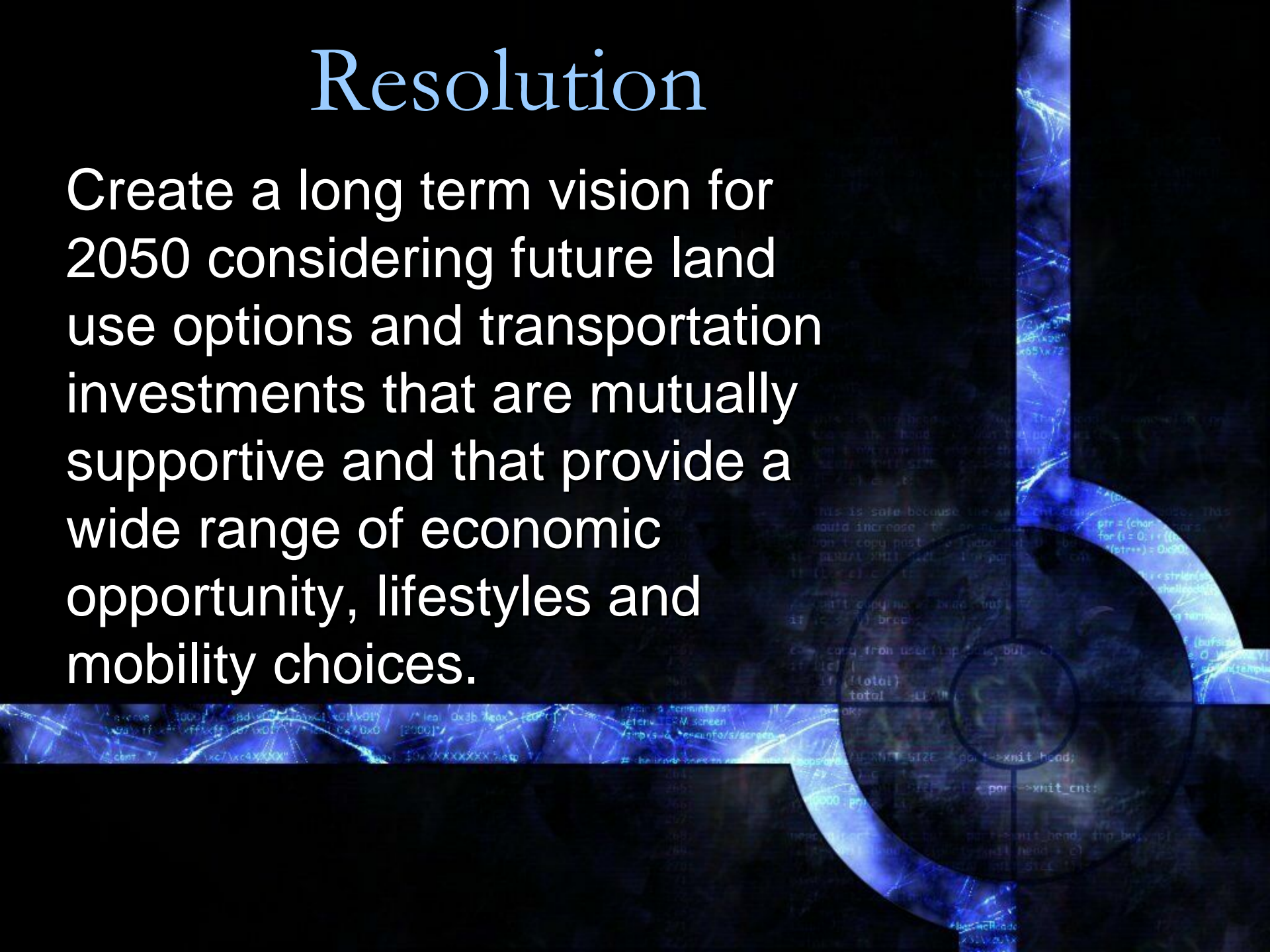
The Hillsborough County City-County Planning Commission encourages all appropriate government agencies in Hillsborough County, including its municipalities, to pursue a comprehensive and coordinated vision of alternative forms of transportation that includes roads, light rail, and bus rapid transit (BRT).

Resolution

Consider the interaction of land use and transportation, and the role rail transit can play in supporting an array of community lifestyle choices, as decisions are made during the updates of the Comprehensive Plans and the Long Range Transportation Plan.

Resolution

Create a long term vision for 2050 considering future land use options and transportation investments that are mutually supportive and that provide a wide range of economic opportunity, lifestyles and mobility choices.



Resolution

Work cooperatively to implement and support the long term vision for land use, transportation and improved quality of life and directs Planning Commission staff to present this resolution to the four jurisdictions of Hillsborough County and other appropriate government agencies.

Multi-Modal Transit in Hillsborough County

Ramond Chiaramonte, AICP