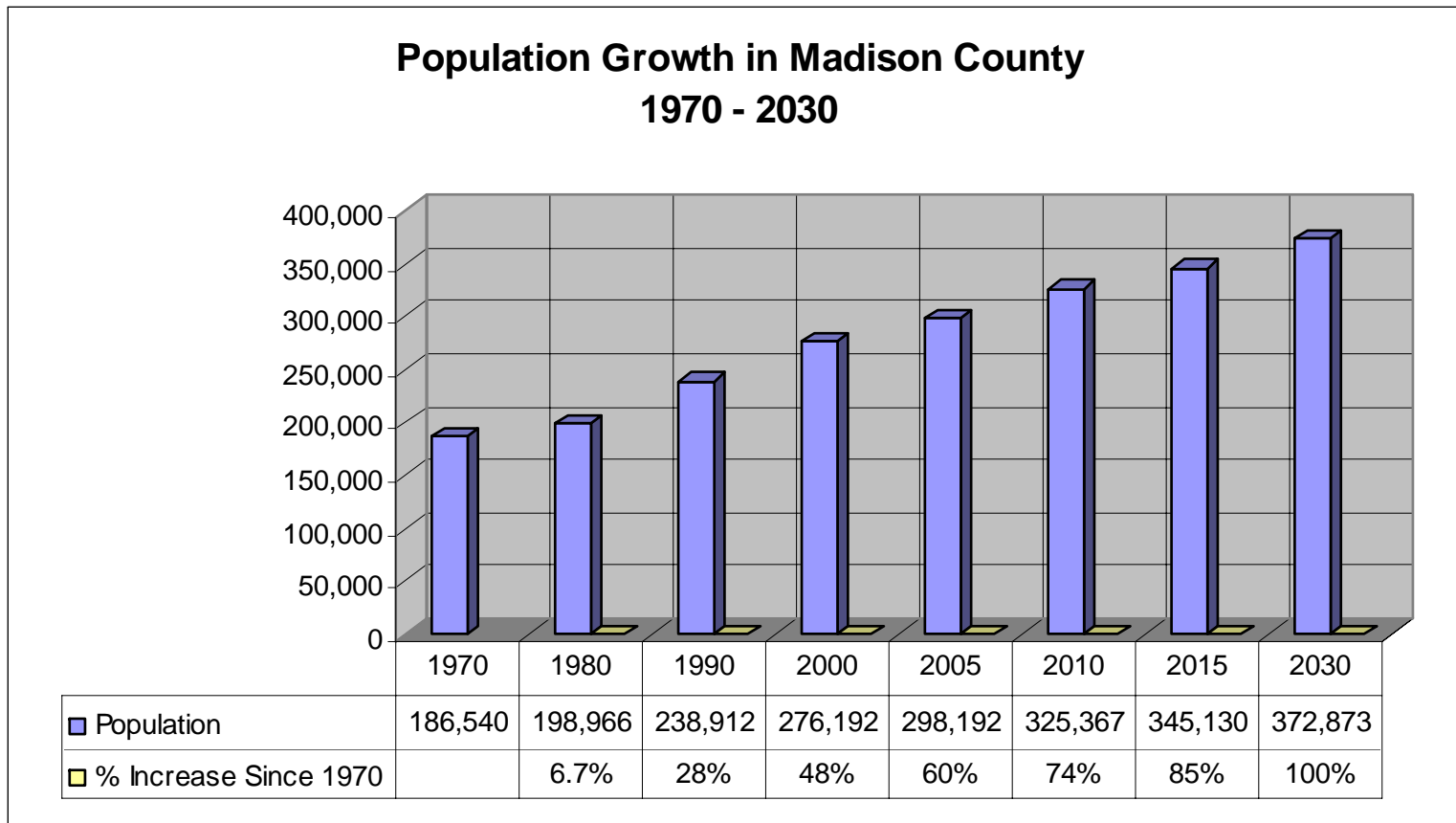




Economic & Transportation Impact of BRAC on Huntsville & Madison County



Population Growth - Madison County



Source: US Census Bureau. Projections Include BRAC-Related Growth

- BRAC Relocations Beginning in 2009 Will Cause Exponential Growth
- Regional Population is Expected to Increase as Well



Population Forecasts for Four-County Region

• Year 2000	535,000 persons	} Growth Rate Between 2000 – 2030 is 34.2%
• Year 2010	614,000 persons	
• Year 2015	652,000 persons	
• Year 2030	718,000 persons	

Source: University of Alabama Center for Business and Economic Research, 2007

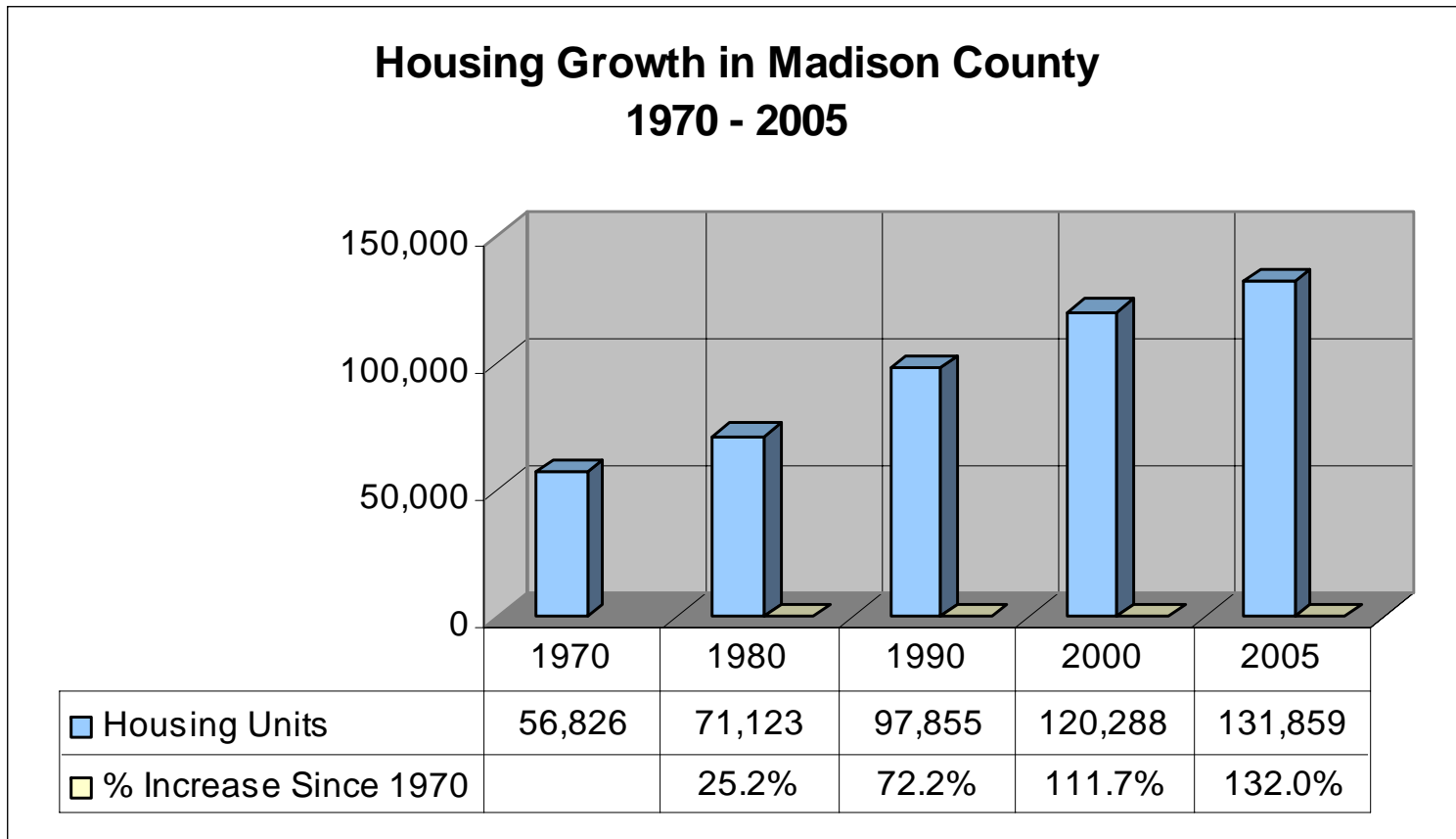
Four County Region is Comprised of Madison, Morgan, Marshall, and Limestone Counties

Population growth reflects typical migration in addition to BRAC-related growth.

- Recent Personnel Records Indicate 77% of Redstone's Employees Reside in Madison County
- We Expect the Trend to Continue Due to Proximity to Work, Quality of Life, Affordability of Housing, Explosive Development



Housing Growth - Madison County



Source: US Census Bureau

- Subdivision Development is Explosive County-Wide
- Residential Development in Huntsville Alone is Staggering



Significance of New Job Creation in Madison County

- Madison County has led the State in Job Creation **21** Times During the Past **26** Years.
- During the Years that We Did Not Lead We Were **2nd** in the State Four Times, and **3rd** in the State Once - During the 1980s.
- Madison County Grew the State's Economy by **38,489** New Jobs Between 1990 and 2005
- Businesses and Industries Also Announced an Investment of Nearly **\$2.2 Billion** into Alabama's and Madison County's Economy During the Same Time



New Job Creation in Madison County 1987 - 2006

<u>Year</u>	<u>New Jobs</u>	<u>Investment</u>	<u>Year</u>	<u>New Jobs</u>	<u>Investment</u>
1987	3430	\$153,430,082	1997	3788	\$114,168,491
1988	3695	\$265,623,163	1998	2608	\$191,838,951
1989	1614	\$94,213,000	1999	3723	\$502,895,000
1990	2376	\$75,023,800	2000	2020	\$130,250,000
1991	1415	\$63,198,000	2001	813	\$266,090,000
1992	2324	\$92,776,442	2002	791	\$38,798,100
1993	1728	N/A	2003	1640	\$177,052,733
1994	2316	N/A	2004	5476	\$400,787,629
1995	2342	\$63,207,713	2005	6710	\$671,049,435
1996	2463	\$153,525,000	2006	4814	\$289,067,415

- **Over 52,000 New Jobs Were Created Since 1987**
- **New Job Announcements Made Since 2004 Reflect 26% of Statewide Totals**
- **Over \$3 Billion in Investment into State and Local Economy**

Source: Alabama Development Office



Future Employment Impacts Due to BRAC Growth

Regional Impacts

- Permanent Direct Jobs: 4,011
- **Average Income: \$70,000**
- Total New Payroll: \$280.7 Million
- Permanent Indirect Jobs: 859
- Total Direct & Indirect Jobs: 4,870

- Permanent Contractor Jobs: 2,474
- **Annual Income: \$83,000**
- Permanent Indirect Jobs: 5,160
- **Total Direct & Indirect Jobs: 7,634***
- Construction Jobs: 10,473

Total Regional Jobs: 22,977

Statewide Impacts

- Permanent Direct Jobs: 4,011
- **Average Income: \$70,000**
- Total New Payroll: \$280.7 Million
- Permanent Indirect Jobs: 1,494
- Total Direct & Indirect Jobs: 5,505

- Permanent Contractor Jobs: 2,474
- **Annual Income: \$83,000**
- Permanent Indirect Jobs: 8,386
- **Total Direct & Indirect Jobs: 10,860***
- Construction Jobs: 16,000

Total Statewide Jobs: 32,365

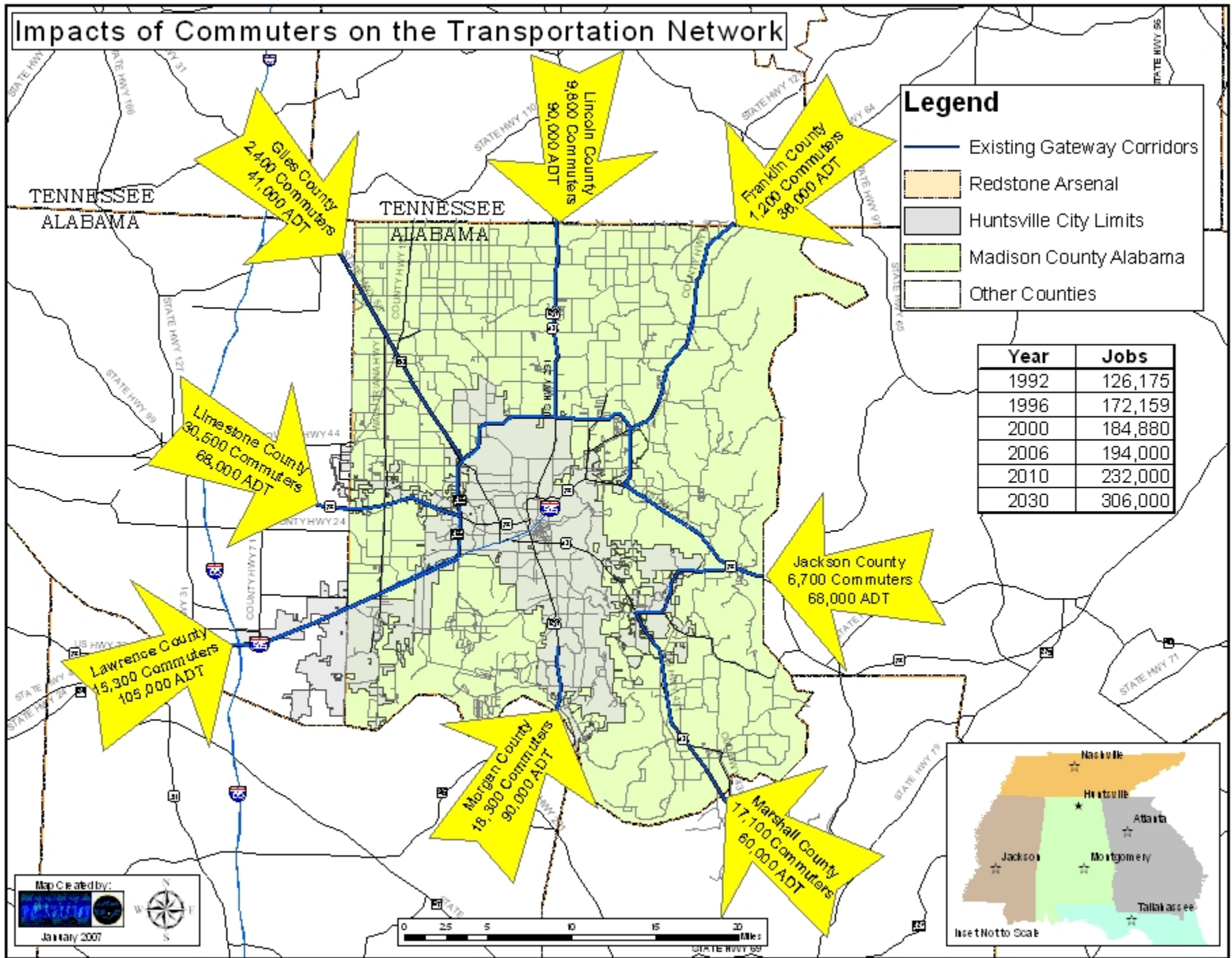
* Jobs per \$ Billion of Contract Expenditures



Future Traffic Flow on System is Significant

- By the Year 2030 We Expect
 - Over 30,000 Commuters to Travel from Limestone County to Huntsville
 - Over 18,000 Commuters from Morgan County
 - Over 17,000 Commuters from Marshall County
 - An Additional 21,000 Commuters from Other Counties Throughout the Region
- These are Significant Impacts Upon the Transportation Network

Impacts of Commuters on the Transportation Network





Additional Traffic Attributed to BRAC is Projected to Substantially Impact Travel

- The Year 2030 Long Range Plan Network Shows That Without BRAC Growth:
 - Vehicle Miles Traveled Will be 14,567,827
 - Average Network Speed Will be 21.1 mph

- The Year 2030 Long Range Plan Network Shows That With BRAC Growth:
 - Vehicle Miles Traveled Will be 17,400,384
 - Average Network Speed Will be 15.9 mph

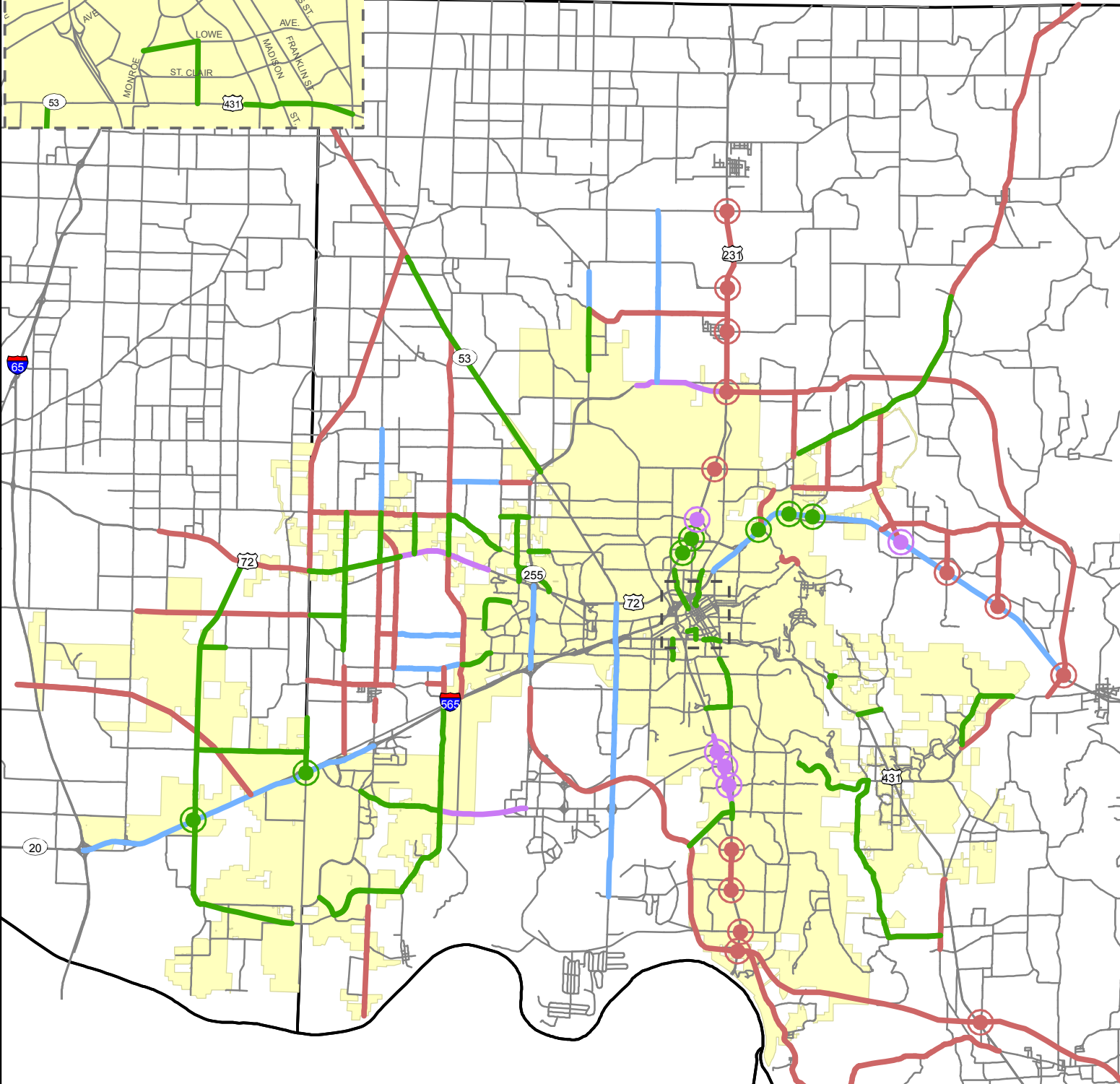
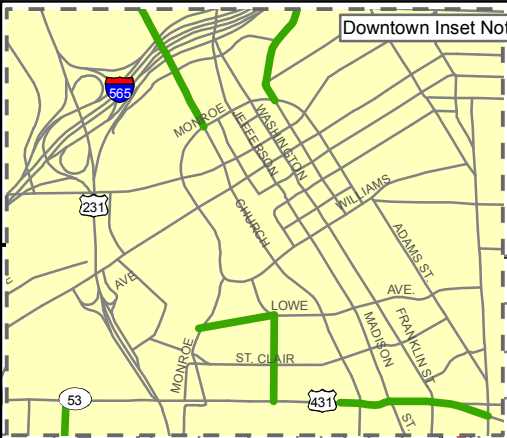


Funding Requirements for the Transportation Network

- To Implement Year 2030 Transportation Plan - We Expect
 - \$353.5 Million Allocation Through 2030
 - Shortage of \$1.57 Billion
 - \$931 Million of This Amount Comprise the Memphis to Atlanta Highway and Southern Bypass
 - \$639 Million are Other Projects
- Latest BRAC Study Indicates
 - Additional \$121.98 Million Will be Required
- Grand Total of Funding Required to Construct Transportation Improvements: **\$1.69 Billion**

Year 2030 Transportation Plan Funded, Unfunded & Short Term BRAC Funding Needs

Downtown Inset Not to Scale



- Funded Interchanges
- Unfunded Interchanges
- Short Term Interchanges
- Huntsville City Limits
- County Boundaries
- Funded Projects
- Unfunded Projects
- Unfunded Projects to be Added
- Short Term Projects
- Roads

0 1.25 2.5 5 Miles





Anticipated Tax Revenues Due to BRAC

- Total Tax Impact of 16,363 **BRAC Direct, Indirect, and Contract-Based** Permanent Jobs; 12,502 of Which are Regional Jobs
(Shown in *millions* of dollars)

	Alabama	Region	Subtotal	63 Other AL Counties	Statewide Grand Total
Income Tax	\$38	N/A	\$38	N/A	\$38
Sales Tax	\$16.1	\$12.5	\$28.7	\$3.6	\$32.3
Property Tax (Low to High Range)	\$1.4	\$7.4 to \$10.4	\$8.7 to \$11.8	\$1.8 to \$2.4	\$10.4 to \$14.2
Total (Low to High Range)	\$55.4	\$19.9 to \$22.9	\$75.3 to \$78.3	\$5.3 to \$6	\$80.7 to \$84.3

Note: Errors may be present due to rounding. Total tax revenues will increase as contract expenditures increase. Extra sales tax cannot be estimated without knowing total amount of non-contract non-payroll expenditure. Taxes depicted do not include lodging taxes, utility tax, and car tag and fees. The taxes displayed are a conservative estimate.



Anticipated Fuel Tax Revenues Due to Typical & BRAC-Related Population Growth

County	Estimated Fuel Tax Per Capita, 2004	2004	2010	2015	2030
Limestone	\$115.07	\$7.98 m	\$8.89 m	\$9.6 m	\$11.2 m
Madison	\$116.56	\$34.16 m	\$37.9 m	\$40.2 m	\$43.46 m
Marshall	\$128.6	\$10.9 m	\$11.85 m	\$12.69 m	\$14.69 m
Morgan	\$128.15	\$14.5 m	\$15.2 m	\$15.9 m	\$17.1 m
Regional Totals	\$120.54	\$67.5 m	\$73.9 m	\$78.4 m	\$86.4 m

Note: Errors may be present due to rounding.



BRAC 2012/2015?