

# Environmental Justice Task Force

March 4, 2014



*One Region, Focusing on Our Future*

- ❑ Chapters reviewed by Advisory Committees to date:
  - Chapter I – Introduction
  - Chapter II – Existing Conditions and Trends: Population, Employment, and Land Use
  - Chapter III – Review of the Currently Adopted Regional Land Use and Transportation System Plans
  - Chapter VI – Future Population, Households, and Employment in the Region

# Chapter I – Introduction

- ❑ Sixth Generation regional land use and transportation plan
  - Plans are updated on a ten year cycle
  - Advisory plan provides land use and transportation planning coordination to:
    - 154 local units of government in the Region
    - State government
    - Federal government
    - Private interests

## ❑ Basic Principles of Land Use and Transportation Planning

# Chapter I – Introduction

- ❑ Overview of VISION 2050 visioning and scenario planning approach
  - Visioning and the formulation of guiding statements and objectives
  - Scenario planning and evaluation
  - Alternative plan design and evaluation
  - Preliminary recommended plan
  - Final recommended plan

# Chapter I – Introduction

## ❏ Scheme of Presentation

- Volume I: Groundwork for Vision and Plan Development
  - Chapter I: Introduction
  - Chapter II: Existing Conditions and Trends: Population, Employment, and Land Use
  - Chapter III: Review of the Currently Adopted Regional Land Use and Transportation Plans
  - Chapter IV: Inventory of Transportation Facilities and Services
  - Chapter V: Travel Habits and Patterns
  - Chapter VI: Future Population, Household, and Employment in the Region

# Chapter I – Introduction

- Volume II: Developing the Vision and Plan
  - Chapter I: VISION 2050: A Visioning and Scenario Planning Approach
  - Chapter II: Alternative Land Use and Transportation System Plans
- Volume III: Recommended Regional Land Use and Transportation Plan
  - Chapter I: Recommended Year 2050 Regional Land Use and Transportation System Plan
  - Chapter II: Plan Implementation
  - Chapter III: Summary and Conclusions

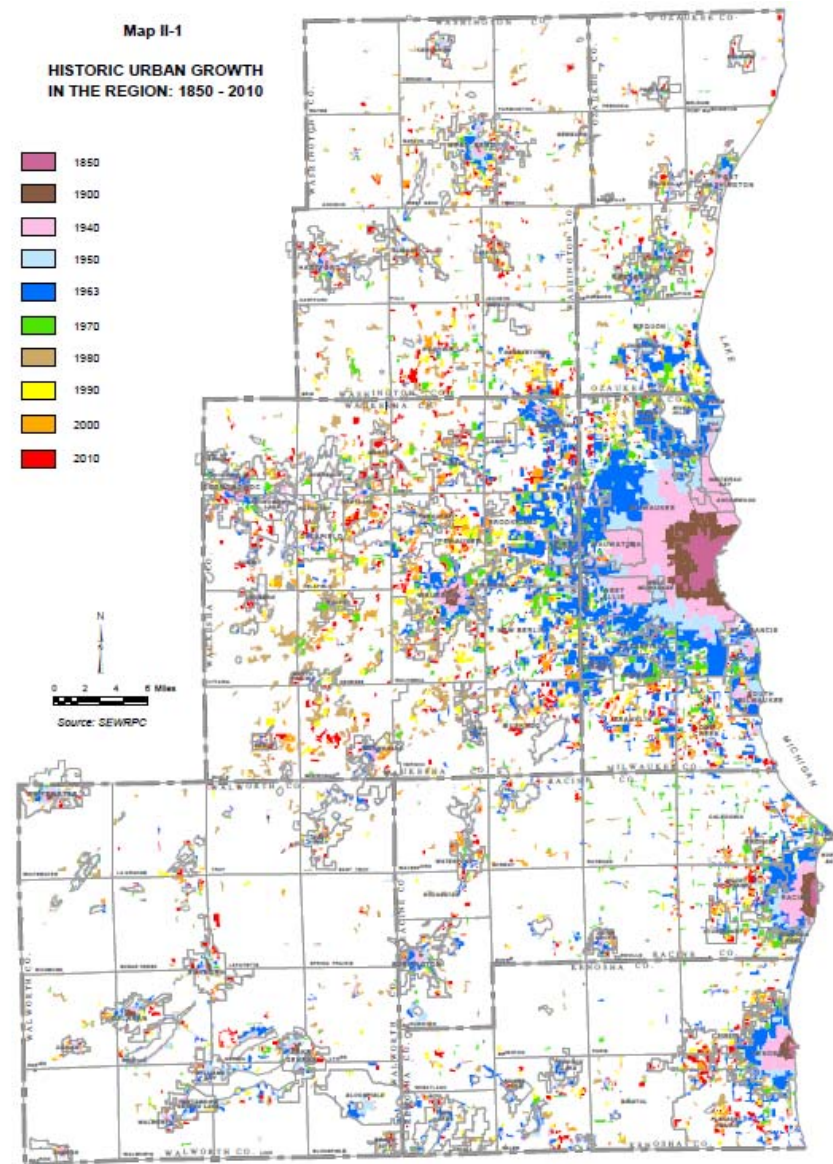
# Chapter II – Existing Conditions and Trends

- ❑ Demographic and economic base
  - Summary of information presented in Technical Report No.11 *The Population of Southeastern Wisconsin* and Technical Report No. 10 *The Economy of Southeastern Wisconsin*
    - Both reports reviewed by Task Force at its April 16, 2013, meeting
  - Comments from Advisory Committees
    - Additional race/ethnicity and income information
    - Information for Region's largest cities

# Chapter II – Existing Conditions and Trends

## □ Land Use

- Developed land encompassed 29 percent of the Region, or 779 square miles, in 2010
- Developed land increased by 67 square miles, or about 9 percent between 2000 and 2010
  - Residential land: 39.2 square miles (10.8 percent increase)
  - Commercial land: 5.4 square miles (17.9 percent increase)
  - Industrial land: 2.3 square miles (7.0 percent increase)





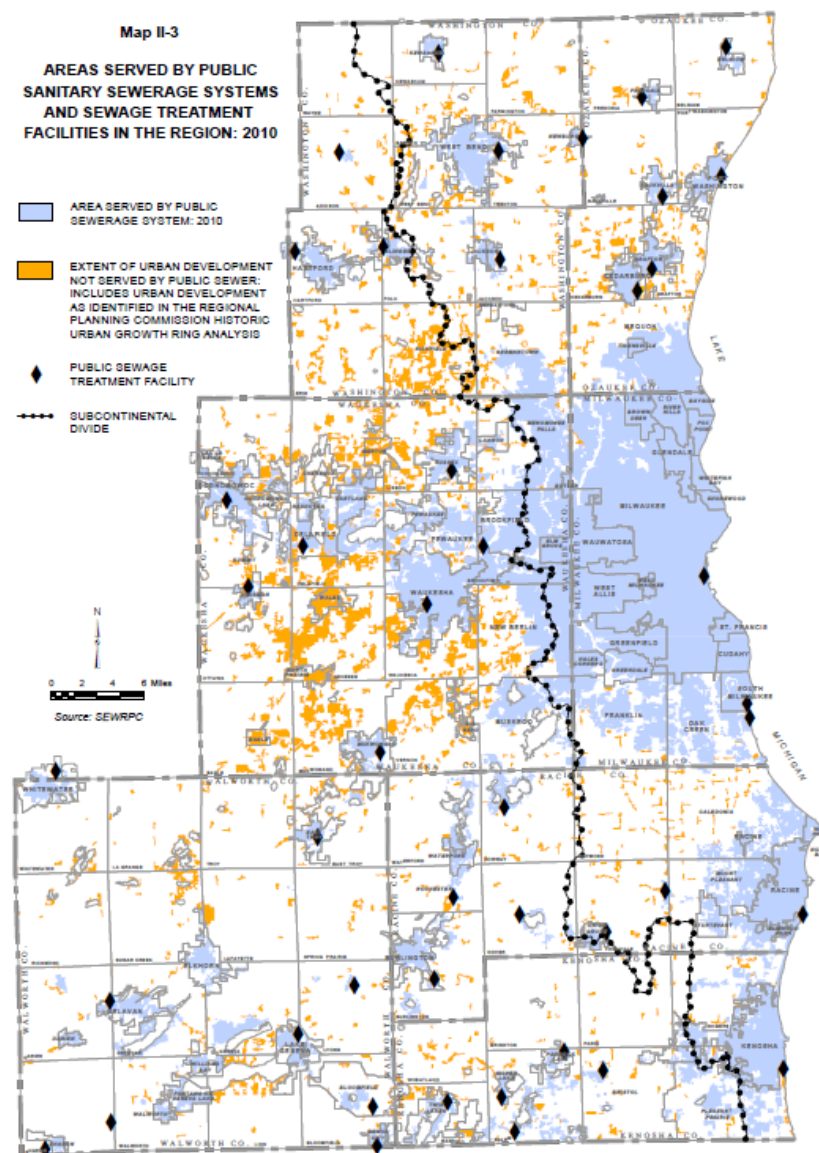
# Chapter II – Existing Conditions and Trends

- Undeveloped land encompassed 71 percent of the Region, or 1,911 square miles, in 2010
- Agricultural land encompassed 1,156 square miles, about 60 percent of all undeveloped land
- Wetlands, woodlands, and surface water combined encompassed 591 square miles
- Other open land encompassed 164 square miles
- Undeveloped land in the Region decreased by 67 square miles, or 3.4 percent, between 2000 and 2010

# Chapter II – Existing Conditions and Trends

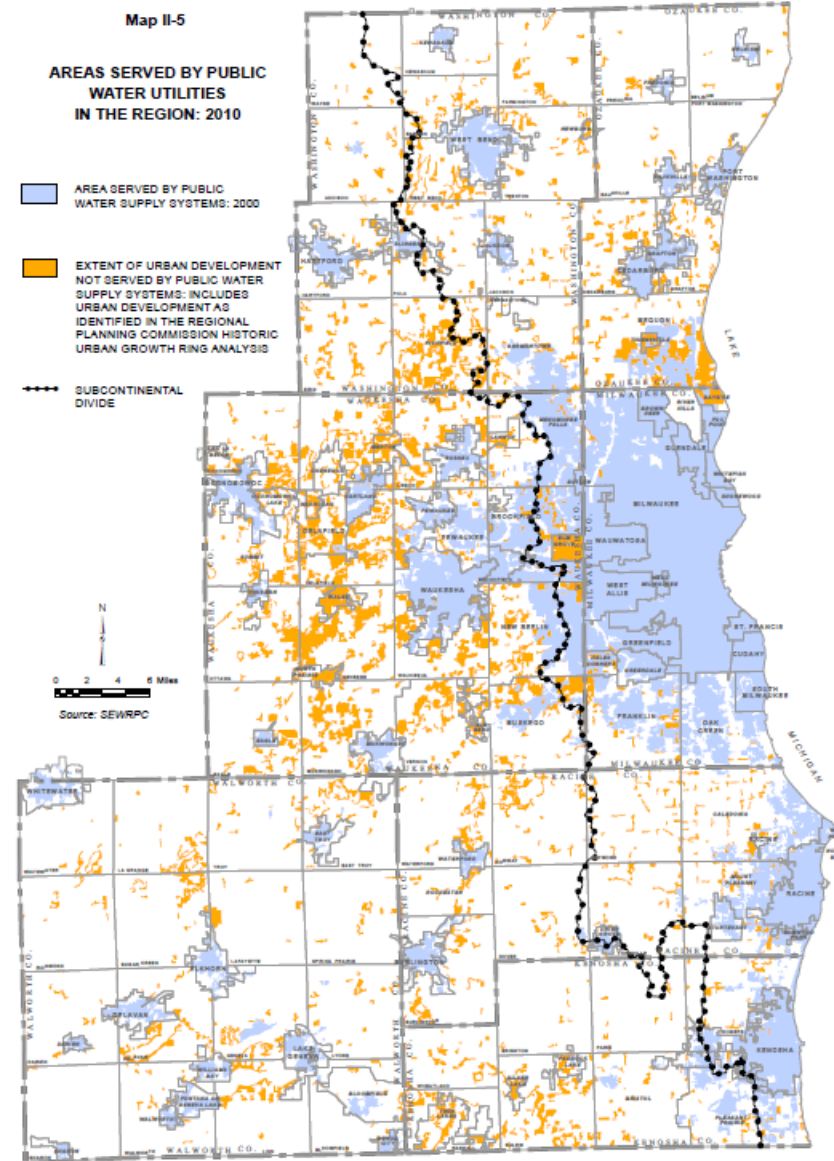
## Public Utilities

- Areas served by public sanitary sewers encompassed 19.5 percent of the Region, or 525 square miles in 2010 and 17.7 percent of the Region, or 477 square miles, in 2000
- The population served increased from 1.71 million people in 2000 to 1.80 million people in 2010 (89% of population)



# Chapter II – Existing Conditions and Trends

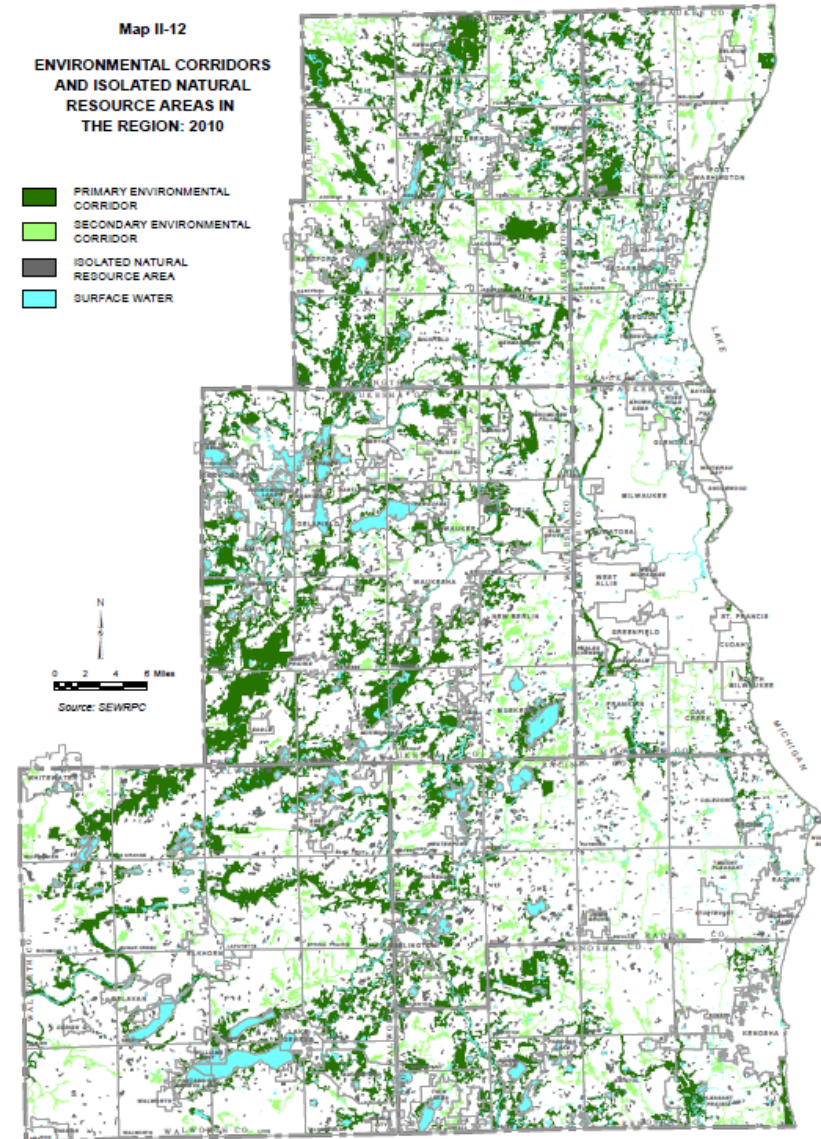
- Areas served by public water utilities encompassed 16.5 percent of the Region, or 444 square miles in 2010 and 14.5 percent of the Region, or 390 square miles, in 2000
- The population served increased from 1.58 million people in 2000 to 1.68 million people in 2010 (83% of population)



# Chapter II – Existing Conditions and Trends

## ■ Natural Resource Base

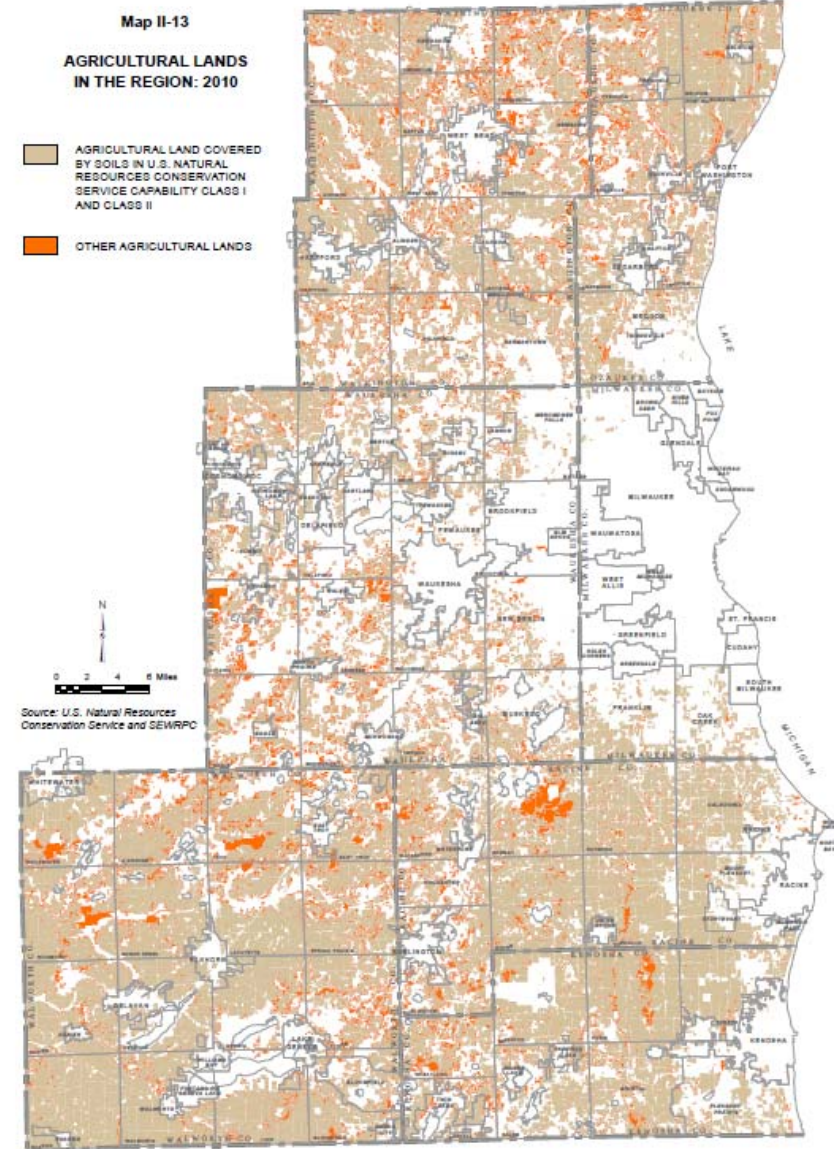
- Environmental Corridors and isolated natural resource areas contain almost all the best remaining woodlands, wetlands, and wildlife habitat in the Region
- Corridors and isolated natural resource areas encompassed about 24 percent of the Region, or 649 square miles, in 2010





# Chapter II – Existing Conditions and Trends

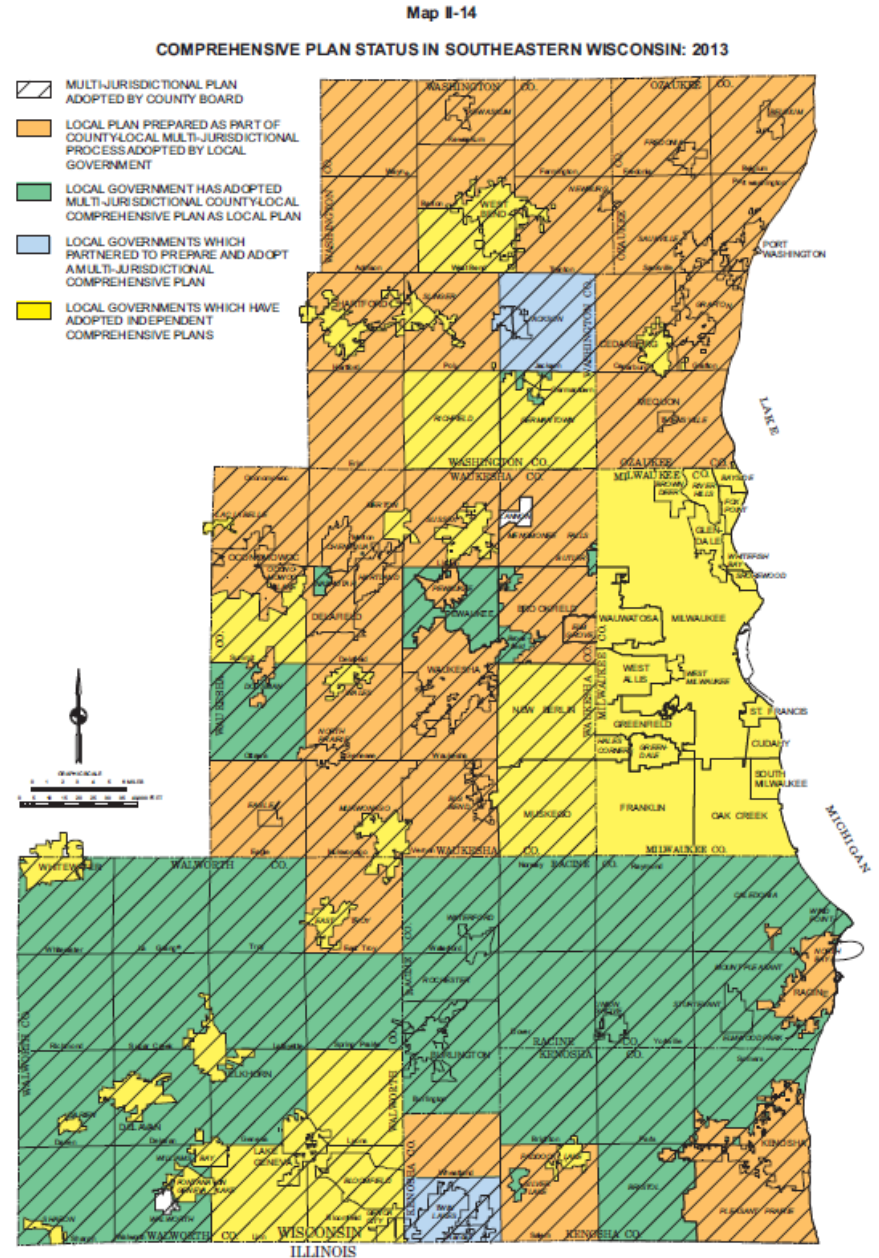
- ❑ Agricultural Resource Base
  - About 43 percent of the Region, or 1,156 square miles, was in agricultural use in 2010
  - 77 percent of the agricultural land is covered by highly productive Class I and II soils



# Chapter II – Existing Conditions and Trends

## Existing Plans and Zoning

- Regional plans
- County and local comprehensive plans
  - State legislation requires consistency between comprehensive plans and zoning decisions



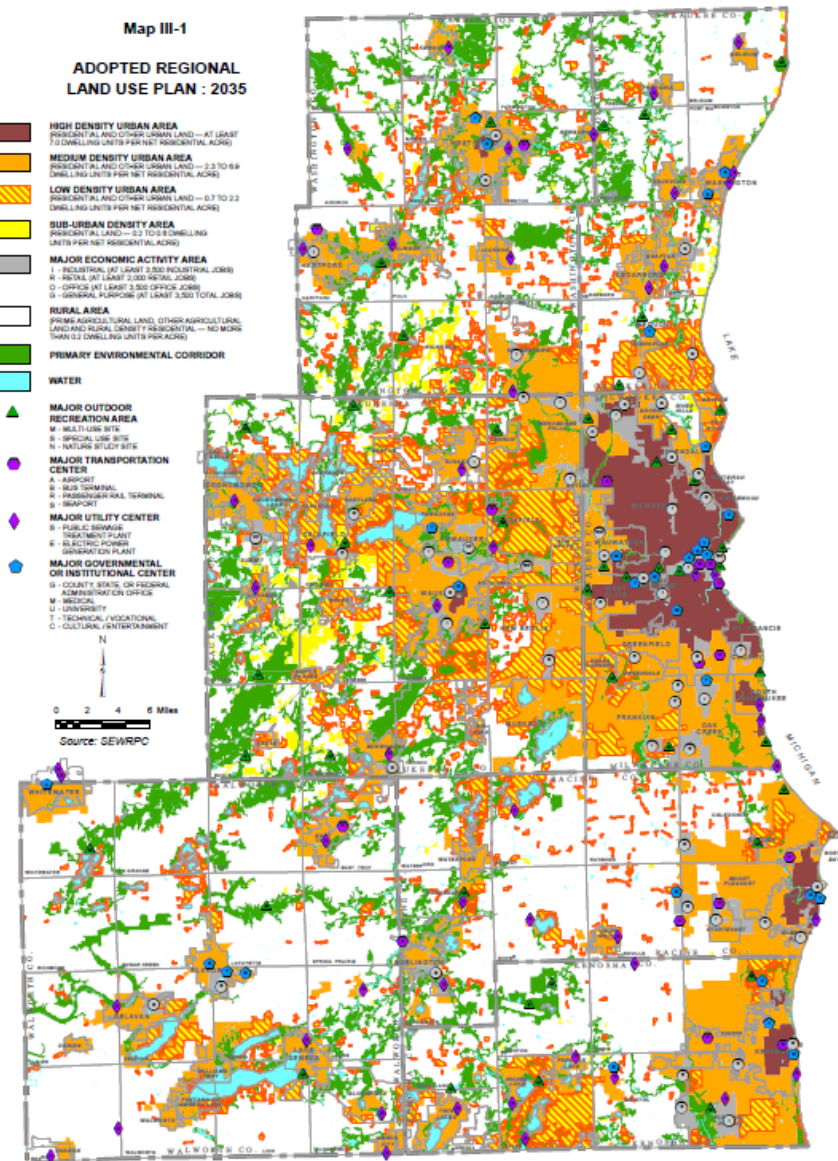
# Chapter III – Review of Currently Adopted Plans

- ❑ Part One: Review of the Year 2035 Population, Household, and Employment Forecasts
  - The 2013 forecast population of the Region (2,064,900) exceeded the actual population (2,025,900) by about 2 percent
  - The 2013 forecast number of households in the Region (826,000) exceeded the actual number of households (805,000) by about 3 percent
  - The 2012 forecast employment (1,257,800 jobs) exceeded actual employment (1,198,400 jobs) by 5 percent
  - Economic recession of the late 2000s



# Chapter III – Review of Currently Adopted Plans

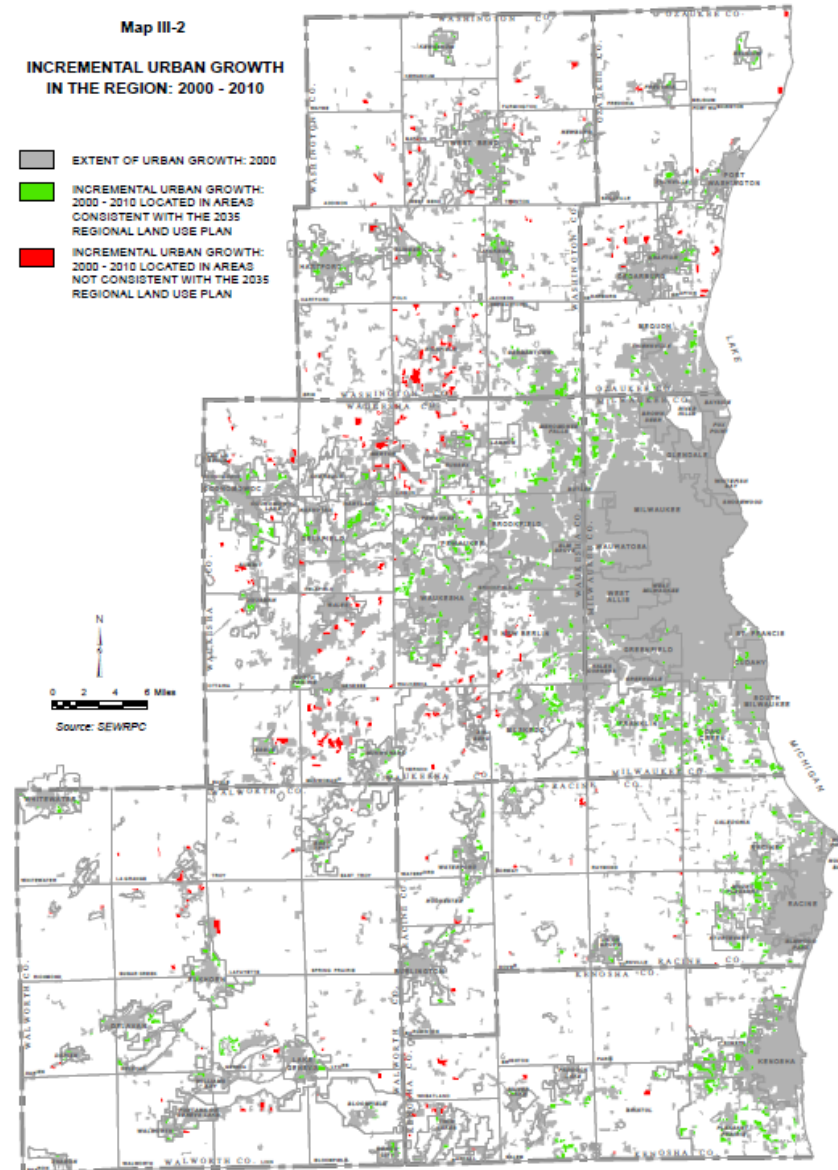
- Part Two: Review of the 2035 Regional Land Use Plan
  - Urban Development should occur primarily within existing urban centers as infill development and redevelopment, as well as within defined urban growth areas adjoining these centers





# Chapter III – Review of Currently Adopted Plans

- Implementation Status of the Plan
  - 74 percent (40 square miles) of the 54 square miles of urban development that occurred in the Region between 2000 and 2010 was in accordance with the regional plan
  - About 86 percent of the 84,100 new housing units built between 2000 and 2010 were served by public sewer systems

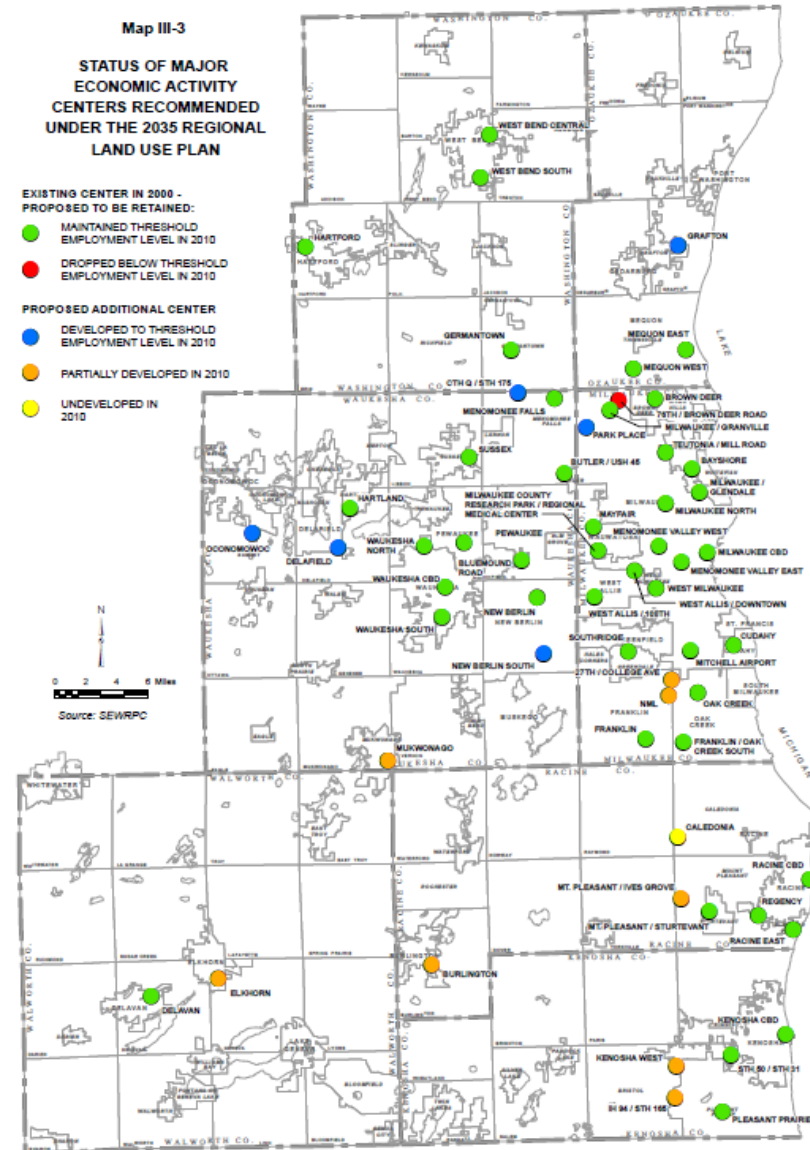


# Chapter III – Review of Currently Adopted Plans

- Actual land converted to residential in the Region between 2000 and 2010:
  - High density: 2.7 square miles
  - Medium density: 9.7 square miles
  - Low density: 13.2 square miles
  - Sub-urban density: 6.4 square miles
  - Rural density: 7.0 square miles
- Planned land to be converted to residential in the Region between 2000 and 2010:
  - High density: 1.3 square miles
  - Medium density: 18.0 square miles
  - Low density: 4.1 square miles
  - Sub-urban density: 3.1 square miles (already committed by 2000)
  - Rural density: 2.0 square miles

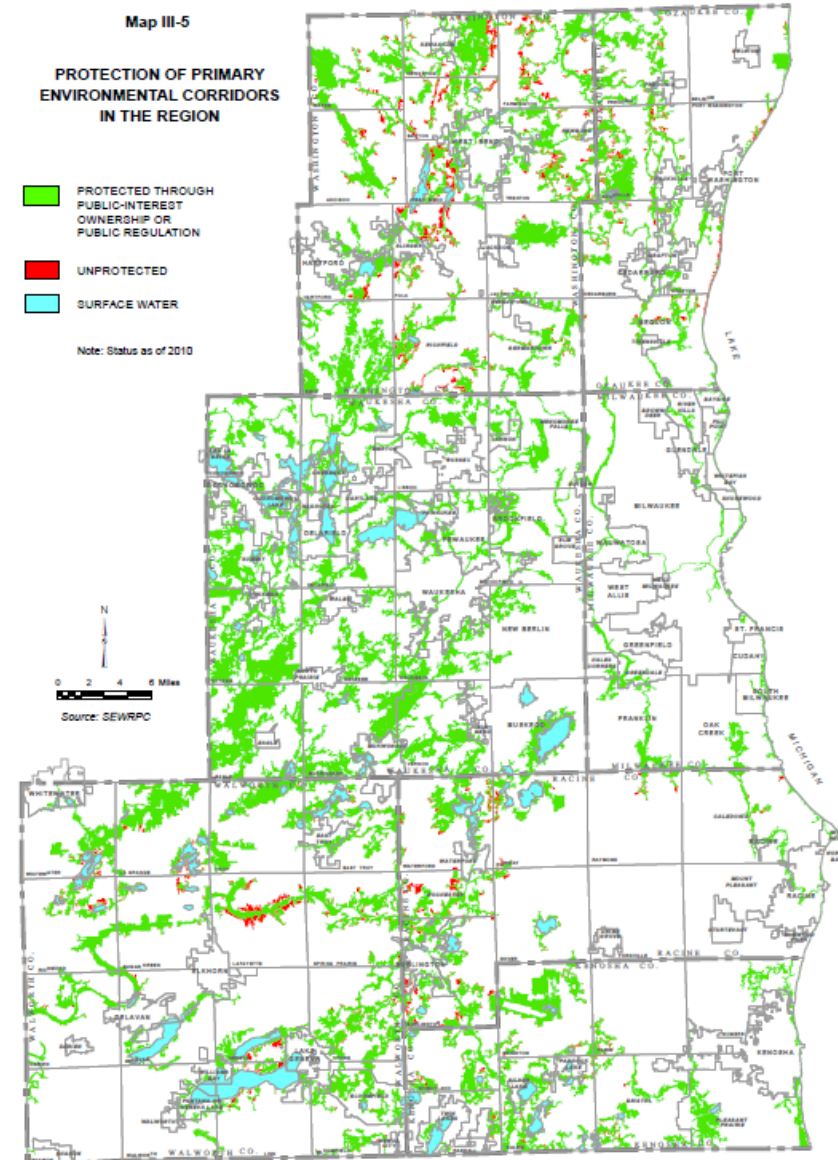
# Chapter III – Review of Currently Adopted Plans

- 5.4 square miles of land converted to commercial between 2000 and 2010, which is 42 percent of the total envisioned for 2035
- 2.3 square miles of land converted to industrial, which is 43 percent of the total envisioned for 2035
- The map shows status of major economic activity centers



# Chapter III – Review of Currently Adopted Plans

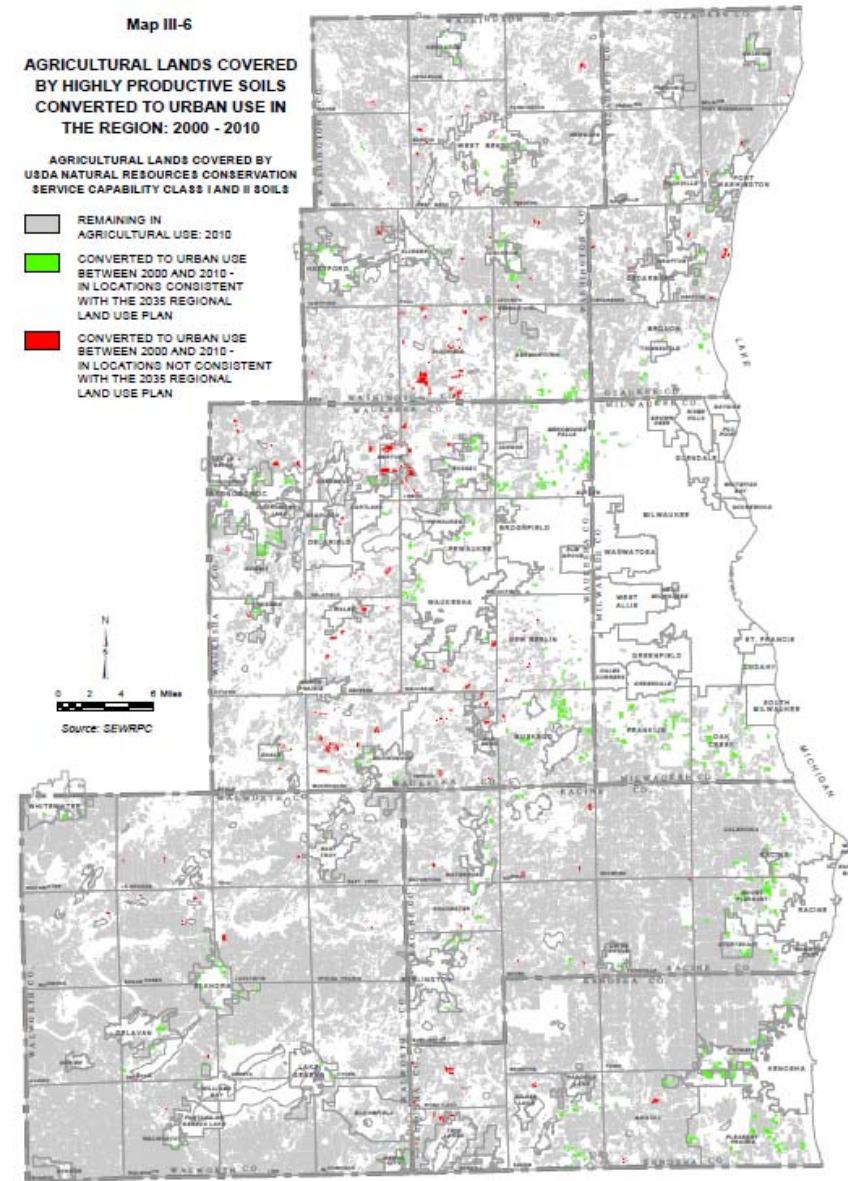
- All of the major parks in the Region recommended for additional development experienced at least some development during the 2000s
- The map shows that 94 percent, or 456 square miles, of the primary environmental corridors in the Region were protected in 2010





# Chapter III – Review of Currently Adopted Plans

- The map shows that 20.5 square miles of Class I and II soils were converted to urban use between 2000 and 2010
- Five square miles (24%) were outside of urban service areas, which is not consistent with the regional plan
- Each county in the Region with substantial agricultural lands has recently adopted a farmland preservation plan



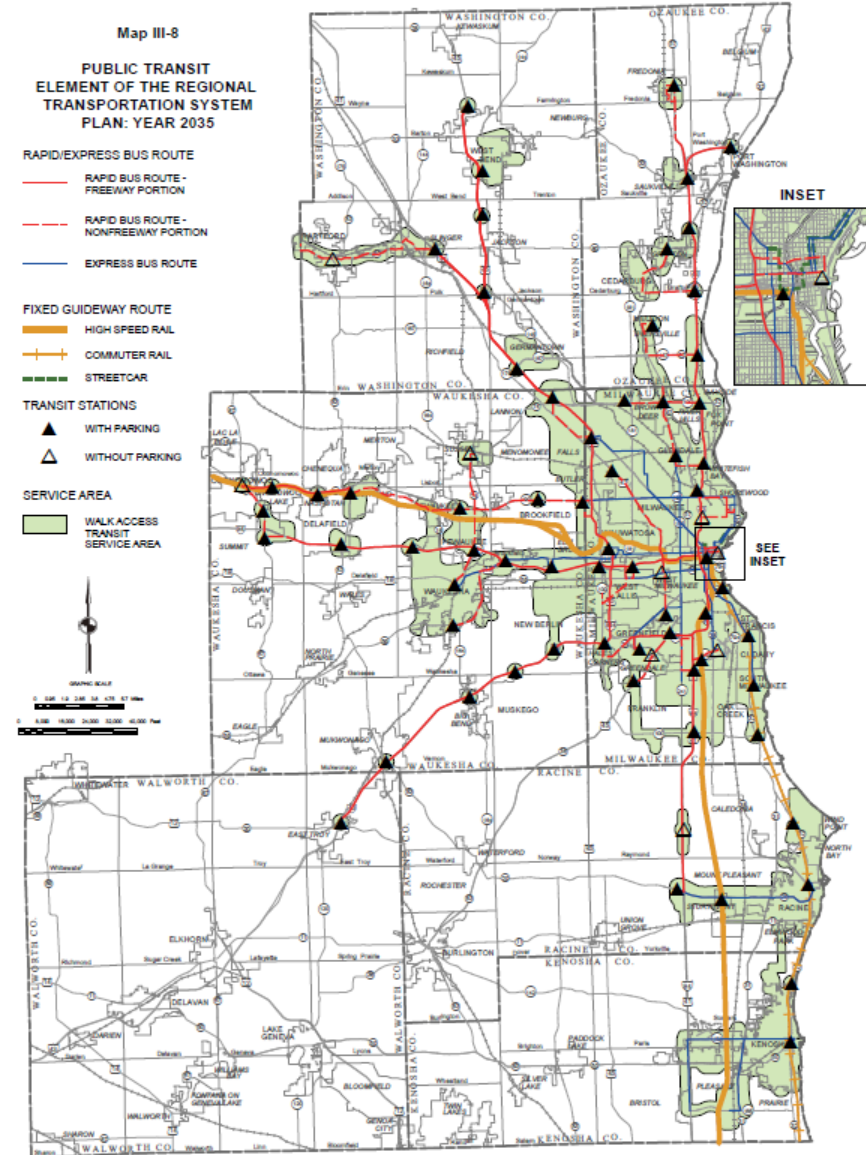
# Chapter III – Review of Currently Adopted Plans

- ❑ Part Three: Review of Year 2035 Regional Transportation System Plan
  - The transportation plan is designed to serve, and be consistent with, the 2035 regional land use plan
    - Public Transit Element
    - Bicycle and Pedestrian Element
    - Transportation Systems Management Element
    - Travel Demand Management Element
    - Arterial Streets and Highways Element

# Chapter III – Review of Currently Adopted Plans

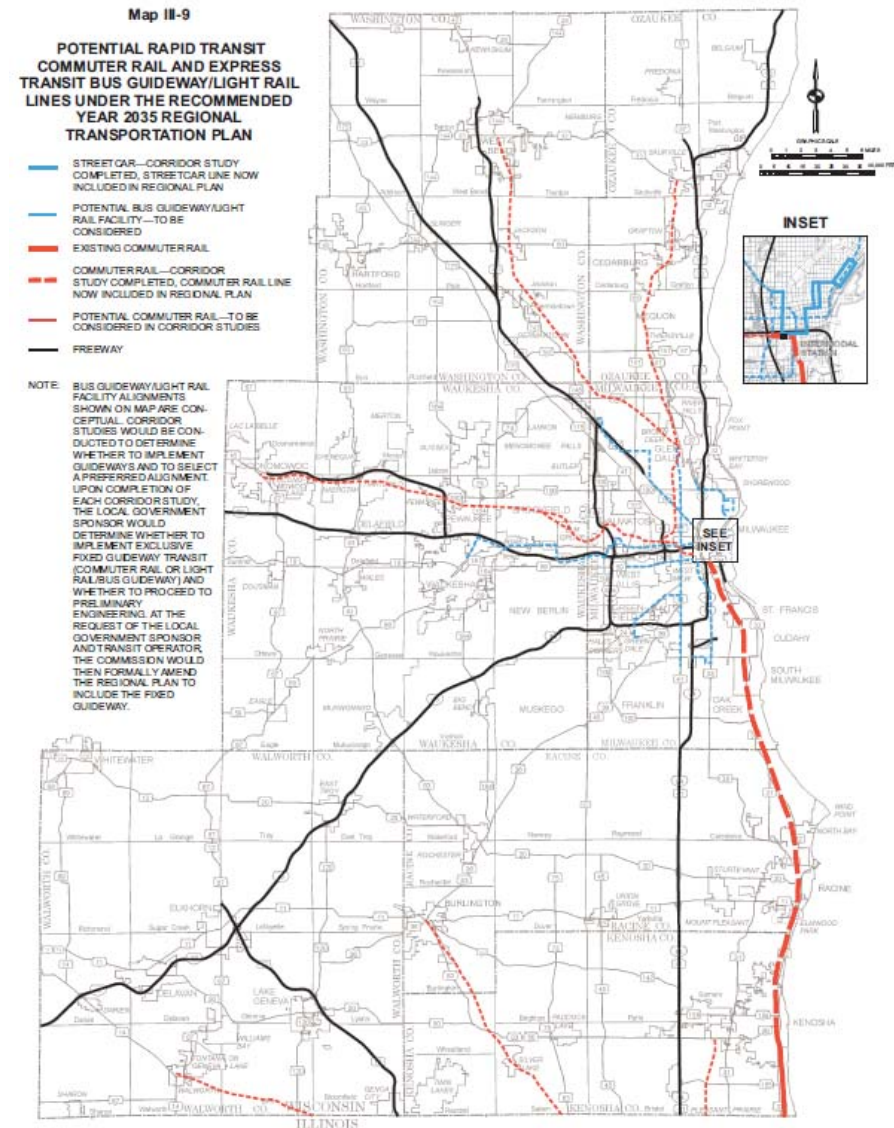
## Public Transit

- The 2035 plan recommends a doubling of transit service over the 2005 level
  - Rapid transit system
  - Express transit system
  - High-speed rail service
  - Improvement and expansion of local transit service
  - Paratransit service consistent with ADA requirements



# Chapter III – Review of Currently Adopted Plans

- Rapid and express transit would initially be provided with buses
- Rapid bus service would be upgraded to commuter rail in six corridors
- Express bus service would be upgraded to bus guideway or light rail in six corridors





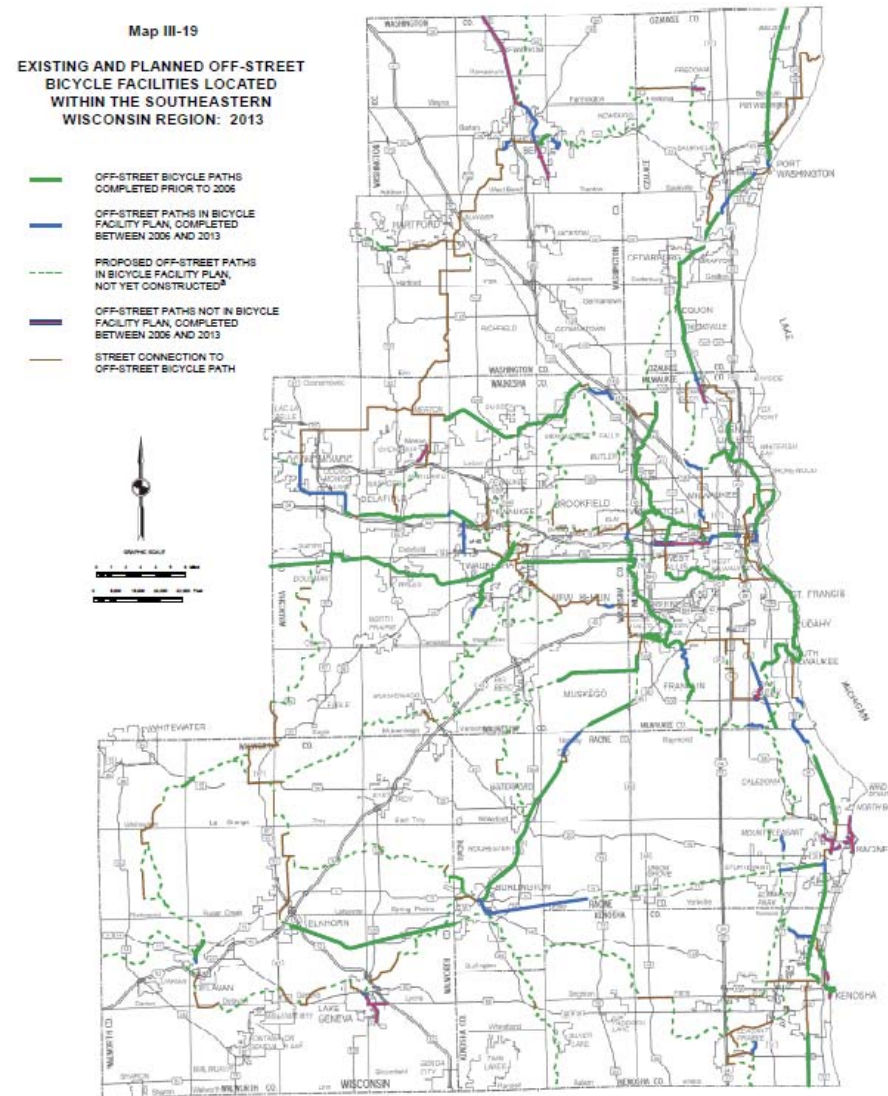
# Chapter III – Review of Currently Adopted Plans

- The plan recognized this expansion would require:
  - State legislation to create local dedicated transit funding and a regional transit authority
  - Renewal of adequate annual State financial assistance to transit
- Overall decline in transit service in the Region from the time of plan adoption in 2006 to 2012:
  - 7 percent decrease in fixed-route bus service
  - 17 percent increase in demand-responsive service
  - Overall 4 percent decrease
  - Plan envisioned a 12 percent increase by 2012

# Chapter III – Review of Currently Adopted Plans

## □ Bicycle and Pedestrian

- The plan recommends accommodating bicycle travel as the surface arterial street system of about 3,300 miles is constructed, resurfaced, and reconstructed
  - State Statutes and Federal policy for projects receiving State and Federal Funds
- 203 miles of the planned 586 miles of off-street paths existed in 2006, 47 miles added by 2012



# Chapter III – Review of Currently Adopted Plans

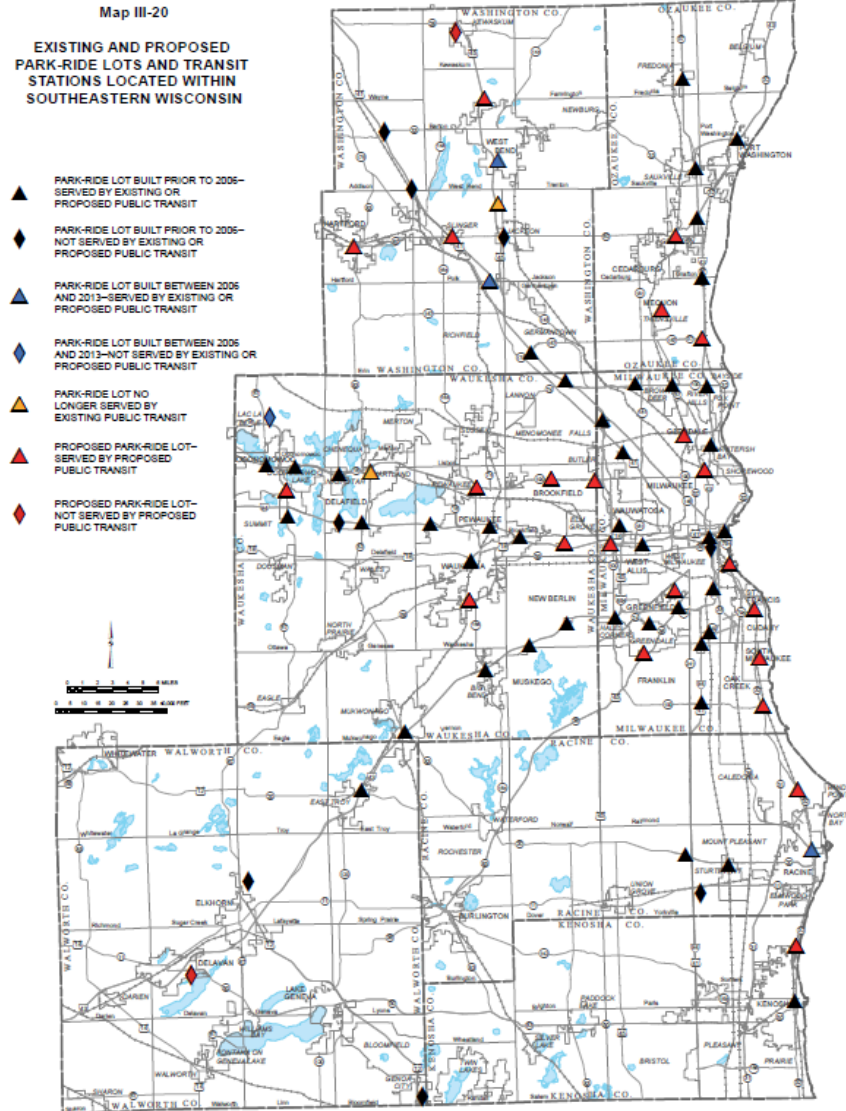
- ❑ Transportation Systems Management
  - Freeway traffic management
  - Surface arterial street and highway traffic management
  - Major activity center parking management and guidance
  - Regional transportation operations plan

# Chapter III – Review of Currently Adopted Plans



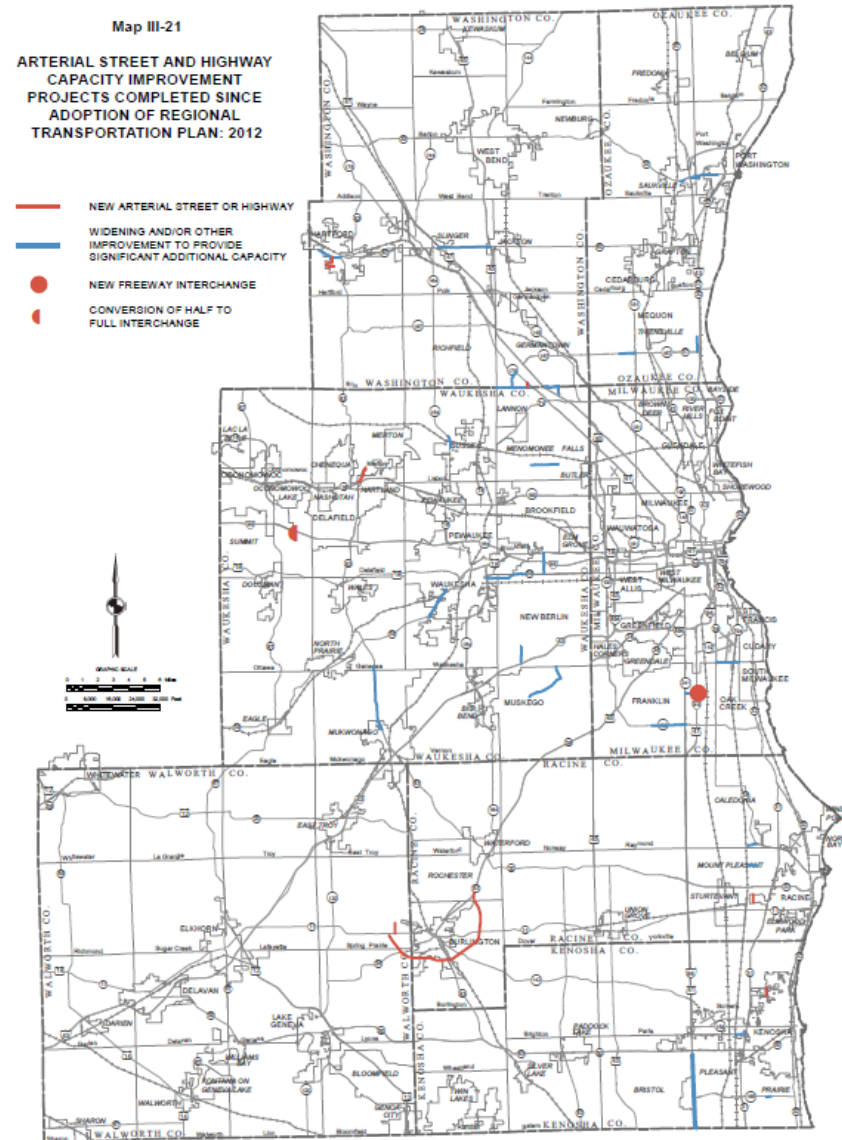
## Travel Demand Management

- Additional park-ride lots
- Internet trip planners
- Automatic vehicle location systems
- Bike racks on buses
- Neighborhood plans encouraging higher density, mixed use, transit oriented development



# Chapter III – Review of Currently Adopted Plans

- ❑ Arterial Streets and Highways
  - Recommended system totals 3,662 miles
    - 88 percent to be resurfaced and reconstructed to same capacity (3,209 miles)
    - 10 percent recommended for widening (360 miles, including 127 freeway miles)
    - 2 percent new facilities (93 miles)
  - 57.3 miles of new or widened arterial facilities opened to traffic since plan adoption



# Chapter III – Review of Currently Adopted Plans

- ❑ Review of the Year 2035 Regional Transportation Plan Forecasts
  - Regional personal-use vehicle forecast:
    - Estimated 2012: 1,379,030 vehicles
    - Forecast 2012: 1,337,840 vehicles (about 3 percent low)
  - Regional commercial and municipal truck forecast:
    - Estimated 2012: 121,400 trucks
    - Forecast 2012: 133,000 trucks (about 10 percent high)



# Chapter III – Review of Currently Adopted Plans

- Regional public transit ridership forecast:
  - Estimated 2012: 34.5 million weekday trips
  - Forecast 2012: 45.3 million weekday trips (about 23 percent high)
- Regional vehicle-miles of travel forecast:
  - Estimated 2011: 40.9 million vehicle miles of travel on arterial street and highway system on average weekday
  - Forecast 2011: 43.5 million vehicle miles of travel on arterial street and highway system on average weekday

# Chapter III – Review of Currently Adopted Plans

- ❑ Comments from Advisory Committees
  - Add discussion about the consequences of not implementing the 2035 regional plan



# Chapter VI – Future Population, Households, and Employment

- ❑ 2050 Population, Household, and Employment Projections
  - Summary of information presented in Technical Report No.11 *The Population of Southeastern Wisconsin* and Technical Report No. 10 *The Economy of Southeastern Wisconsin*
    - Both reports reviewed by Task Force at its April 16, 2013, meeting