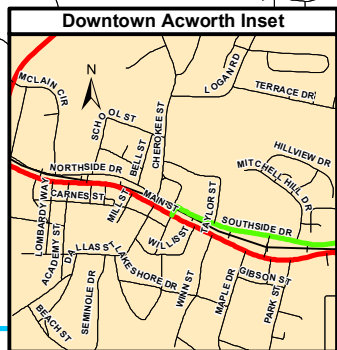
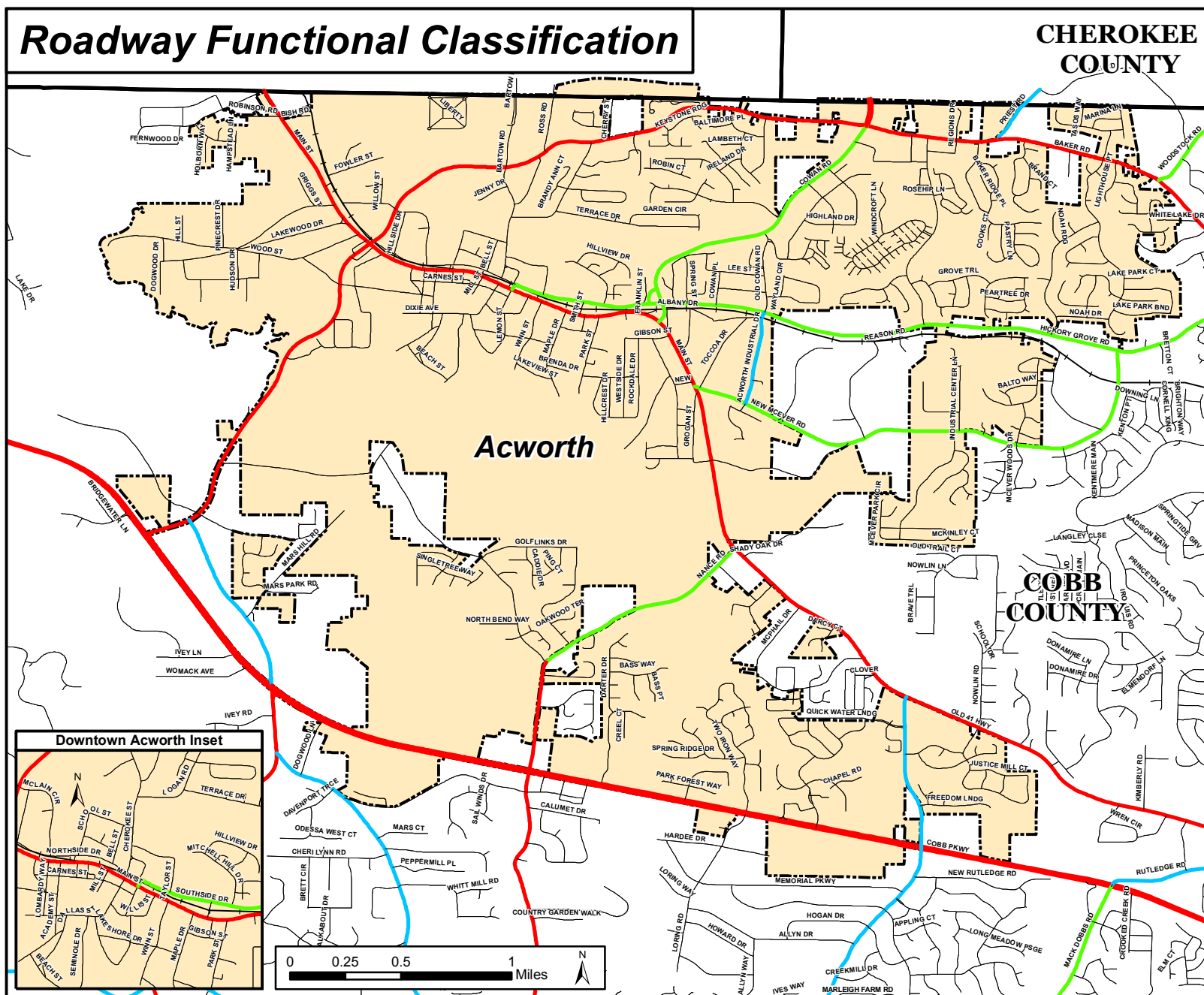


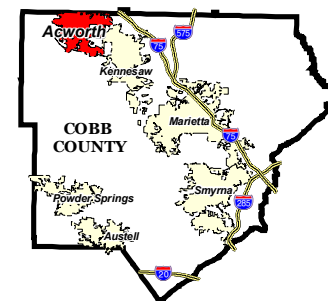


City of Acworth Comprehensive Plan - Transportation Element

Roadway Functional Classification



General Location



Map 1

Legend

Roadway Functional Classification (Defined by Cobb County DOT)

- Major Road
- Minor Road
- Arterial
- Other Roads / Outside Kennesaw

Other Layers

- Railroads
- City of Acworth Limits

Source: Cobb DOT, City of Acworth, ESRI, and Carter & Burgess, Inc.

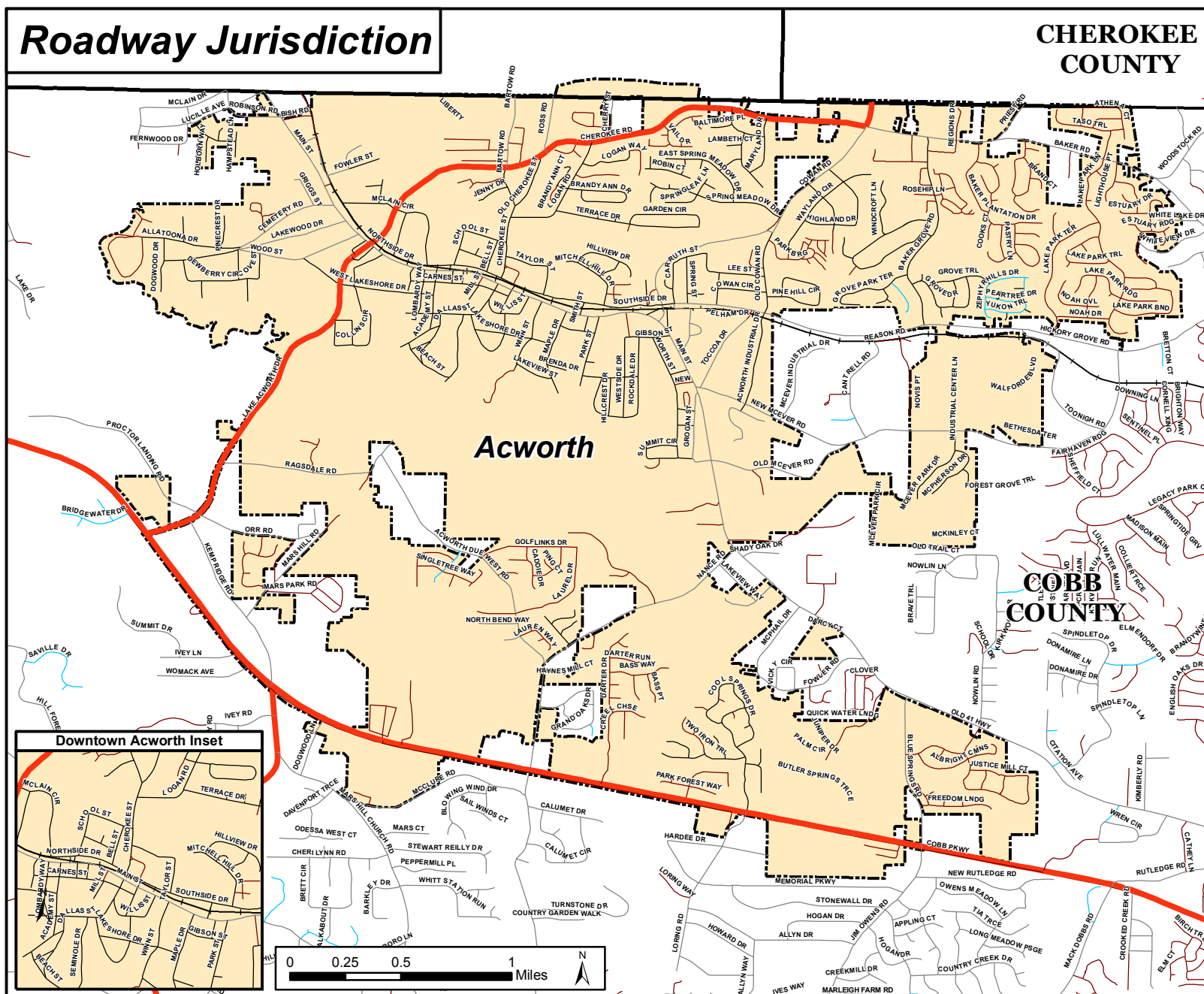
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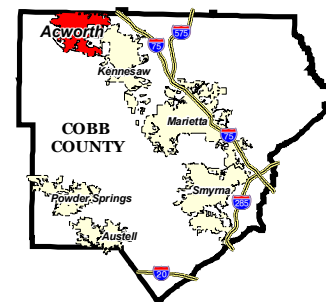


City of Acworth Comprehensive Plan - Transportation Element

Roadway Jurisdiction



General Location



Map 2

Legend

Roadway Jurisdiction (Defined by GDOT from GDOT RC File - 2004)

- State Routes
- County Roads
- City Streets
- Public Roads
- No Data Available

Other Layers

- Railroads
- City of Acworth Limits

Source: GDOT RC File (2004), City of Acworth, ESRI, and Carter & Burgess, Inc.

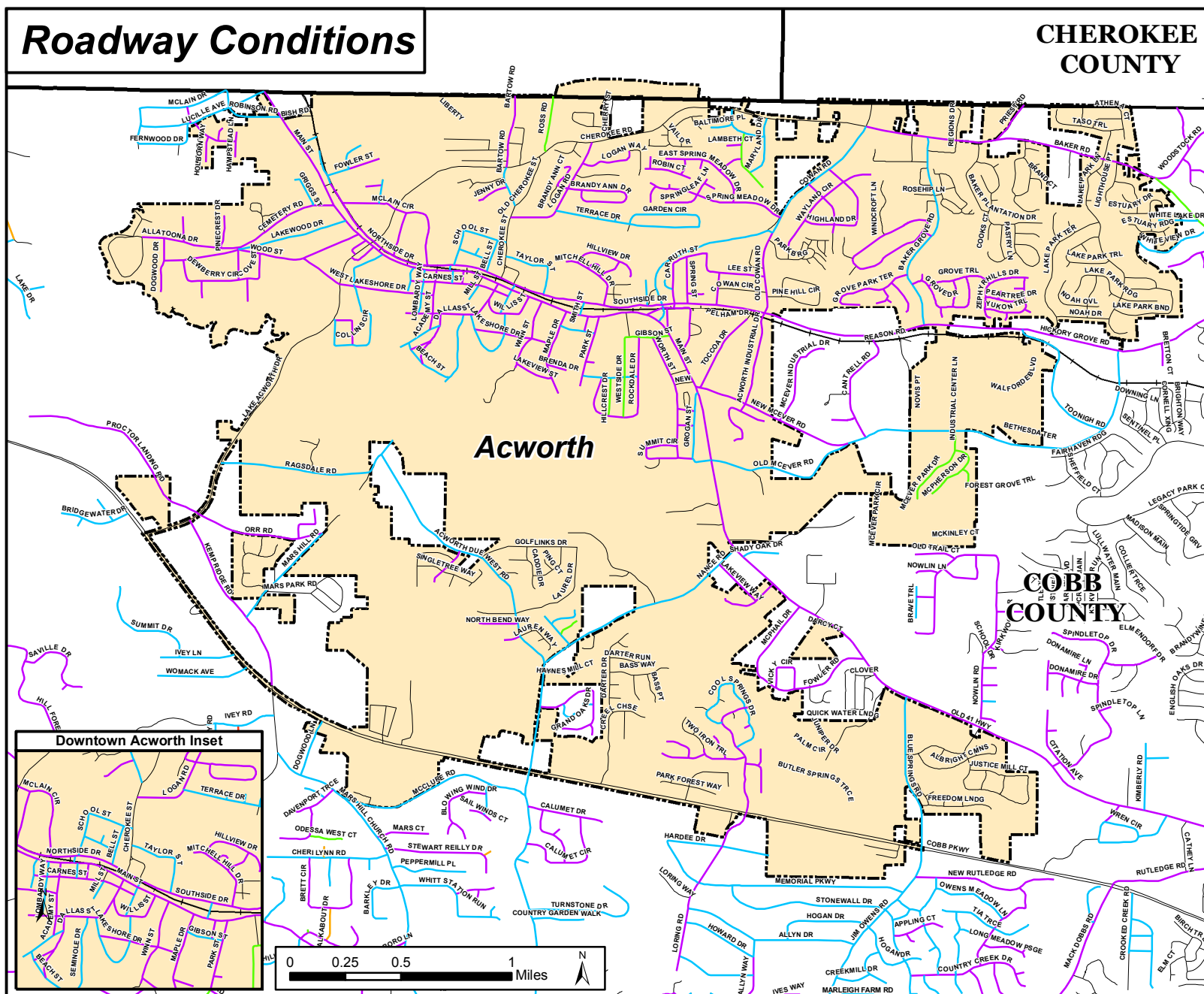
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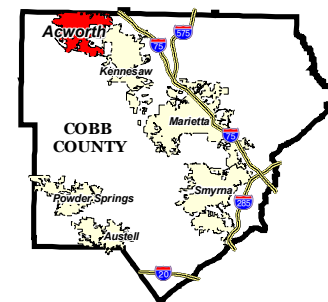


City of Acworth Comprehensive Plan - Transportation Element

Roadway Conditions



General Location



Map 3

Legend

Roadway Conditions (Defined by
GDOT from GDOT RC File - 2004
and PACES Rating)

- 81 - 99 (VERY GOOD)
- 65 - 80 (GOOD)
- 45 - 64 (FAIR)
- 28 - 44 (POOR)
- No Data Available

Other Layers

- Railroads
- City of Acworth Limits

Source: GDOT RC File (2004), City of Acworth, ESRI,
and Carter & Burgess, Inc.

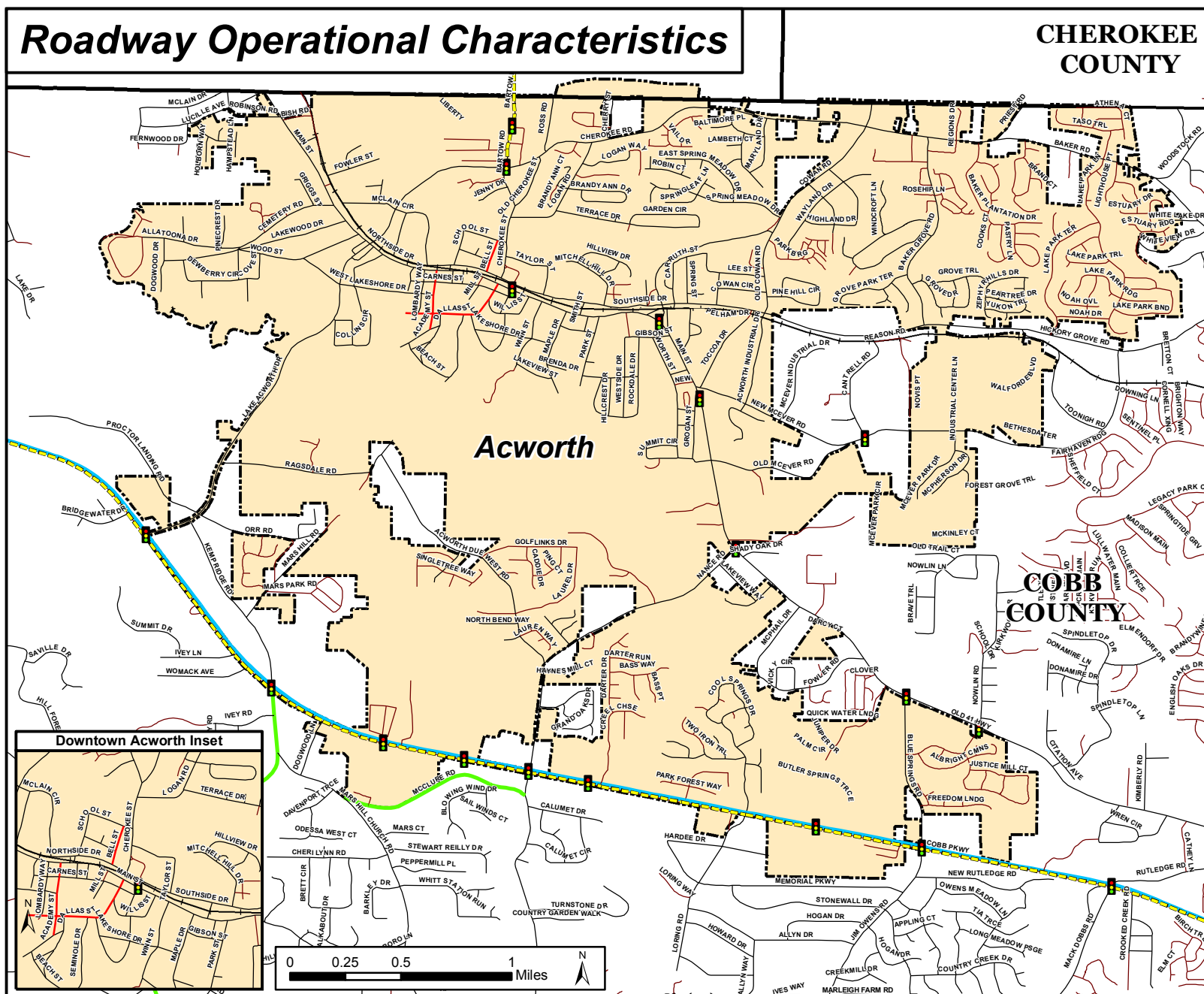
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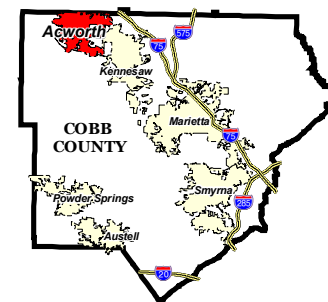


City of Acworth Comprehensive Plan - Transportation Element

Roadway Operational Characteristics



General Location



Map 4

Legend

- Signals / ITS Facilities (Cobb DOT)**
 - Signalized Traffic Intersections
- Fiber Optic Cable Locations**
- Total Roadway Lanes (Defined by GDOT from GDOT RC File - 2004)**
 - 4 Lanes
 - 3 Lanes
 - 2 Lanes
 - 1 Lane
 - No Data Available
- Other Layers**
 - Railroads
 - City of Acworth Limits

Source: Cobb DOT, GDOT RC File (2004), City of Acworth, ESRI, and Carter & Burgess, Inc.

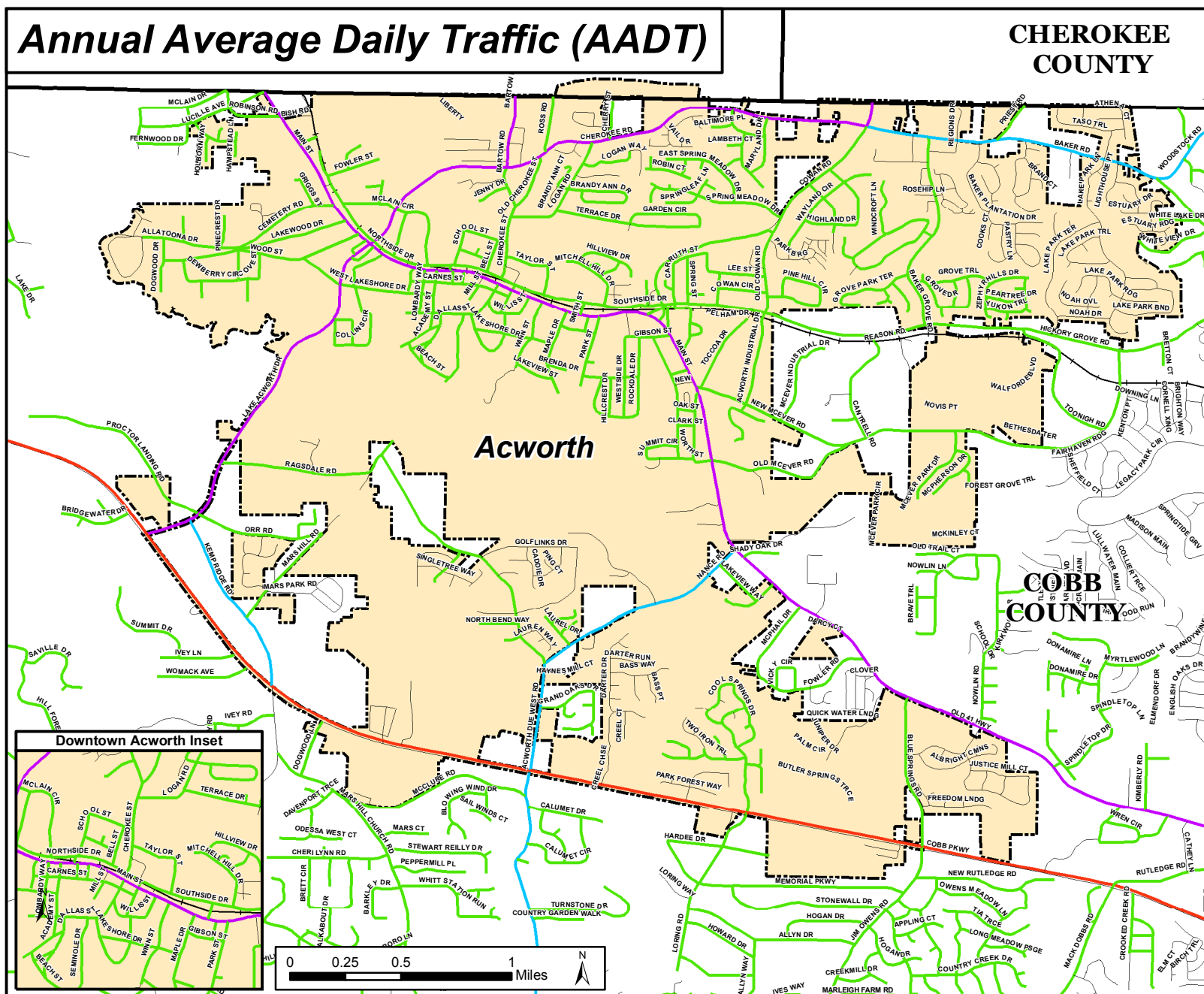
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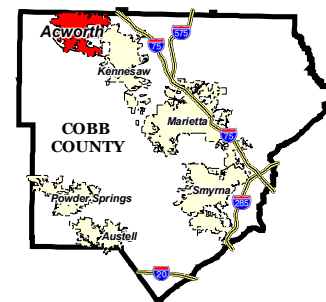


City of Acworth Comprehensive Plan - Transportation Element

Annual Average Daily Traffic (AADT)



General Location



Map 5

Legend

Annual Average Daily Traffic (AADT) -
(Defined by GDOT from GDOT RC File - 2004)

- 20,001 and Above
- 10,001 - 20,000
- 2,501 - 10,000
- 1,001 - 2,500
- 1,000 and Below

Other Layers

- Railroads
- City of Acworth Limits

Source: GDOT RC File (2004), City of Acworth, ESRI,
and Carter & Burgess, Inc.

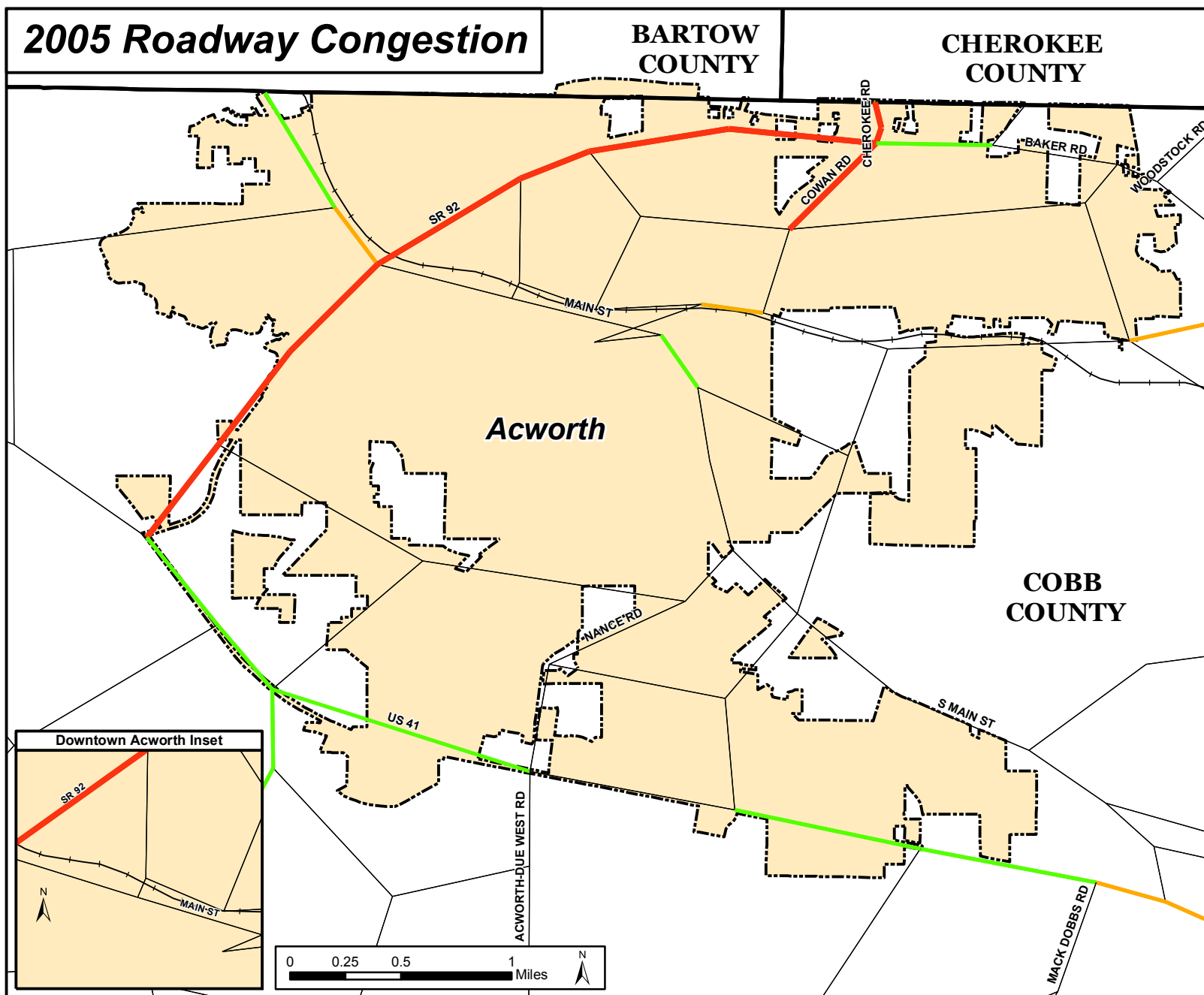
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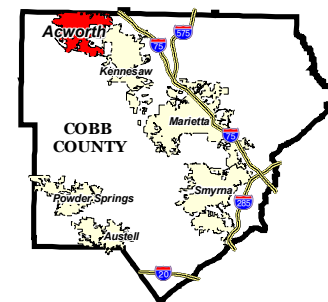


City of Acworth Comprehensive Plan - Transportation Element

2005 Roadway Congestion



General Location



Map 6

Legend

2005 Roadway Congestion (ARC 2005 Model)

- LOS F (V/C Ratio: > 1.0)
- LOS E (V/C Ratio: 0.851 - 1.0)
- LOS D (V/C Ratio: 0.701 - 0.85)
- LOS A to C: (V/C Ratio <= 0.70)

Other Layers

- Railroads
- City of Acworth Limits

Source: ARC, City of Acworth, ESRI, and Carter & Burgess, Inc.

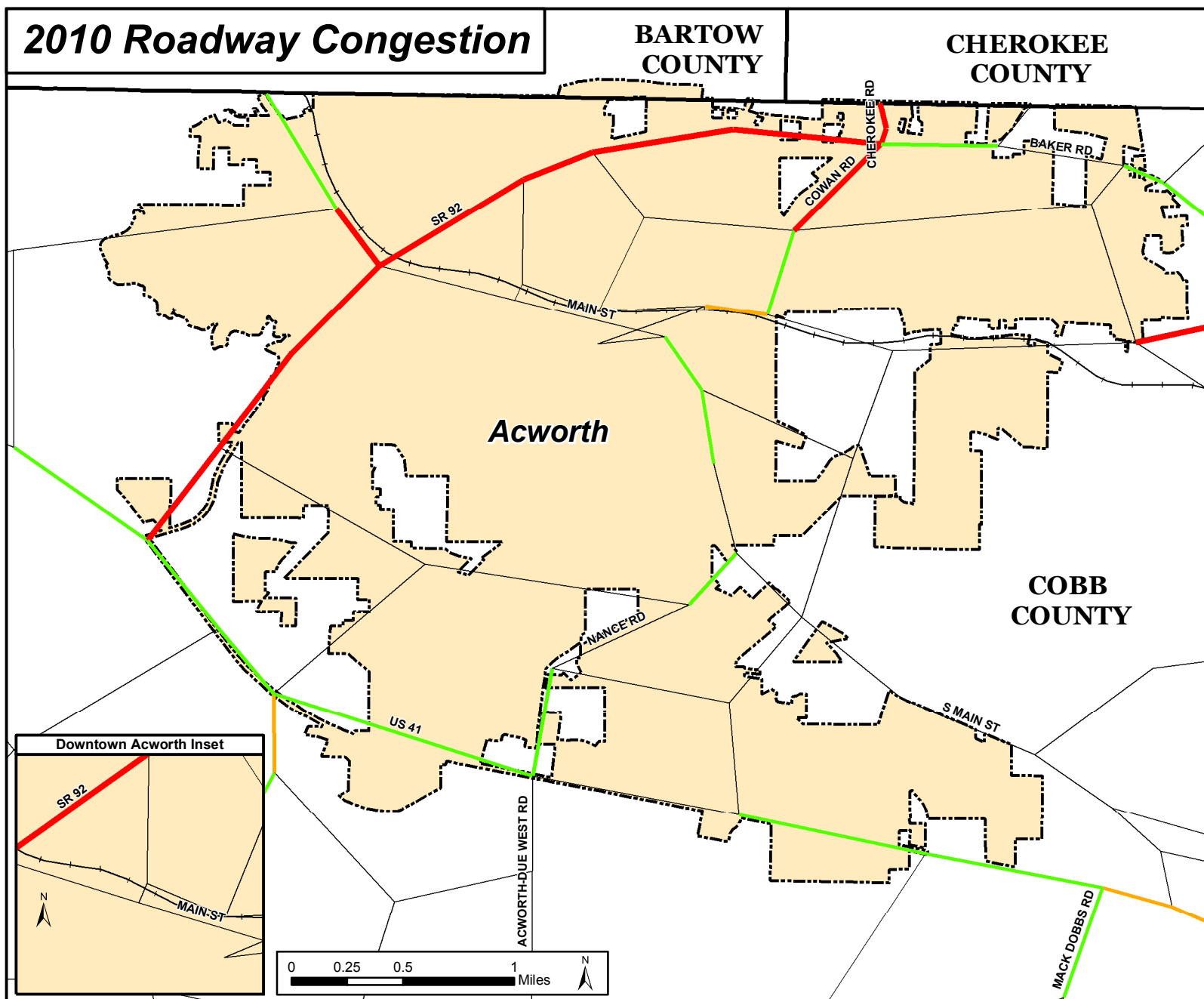
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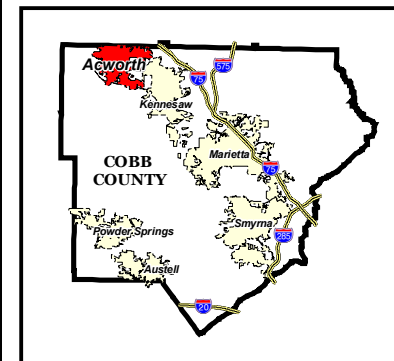


City of Acworth Comprehensive Plan - Transportation Element

2010 Roadway Congestion



General Location



Map 7

Legend

2010 Roadway Congestion (ARC 2010 Model)

- LOS F (V/C Ratio: > 1.0)
- LOS E (V/C Ratio: 0.851 - 1.0)
- LOS D (V/C Ratio 0.701 - 0.85)
- LOS A to C: (V/C Ratio <= 0.70)

Other Layers

- Railroads
- City of Acworth Limits

Source: ARC, City of Acworth, ESRI, and Carter & Burgess, Inc.

This map is intended for planning purposes only.



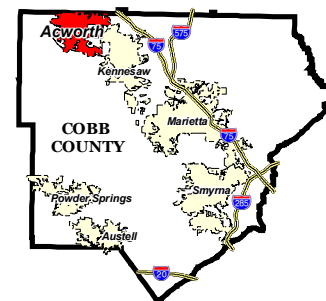


City of Acworth Comprehensive Plan - Transportation Element

Crashes Involving Vehicle-to-Vehicle (2001-2004)

CHEROKEE
COUNTY

General Location



Map 8

Legend

Crashes Involving Vehicle-to-Vehicle
(GDOT Crash Database 2001-2004)

- Fatality Crash Location
- Injury Crash Location
- Non-Injury / Non-Fatality Crash Location

Road Network

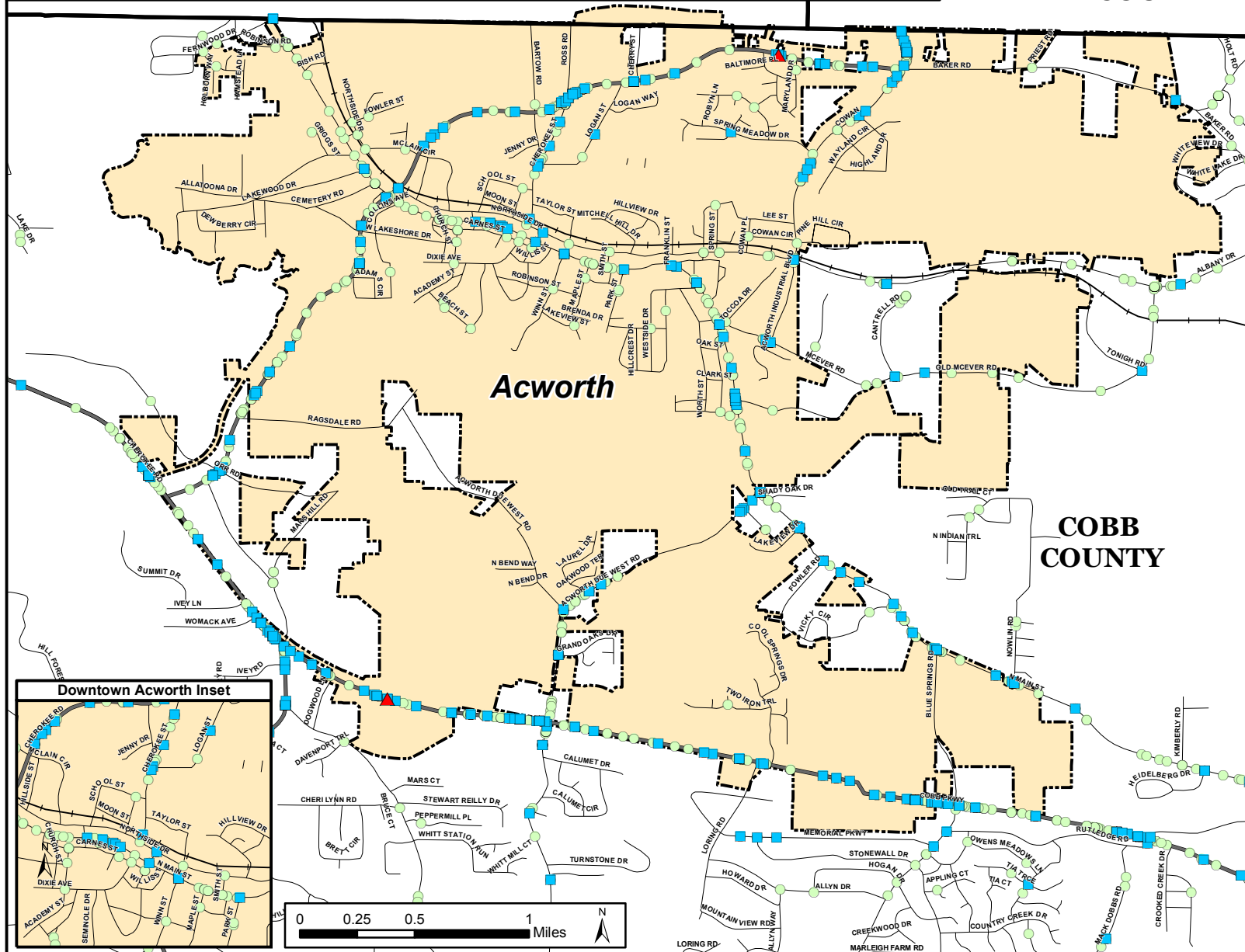
- State Route / U.S. Highway
- Other Roads

Other Layers

- Railroads
- City of Acworth Limits

Source: GDOT Crash Database (2001-2004), GDOT RC File (2004),
City of Acworth, ESRI, and Carter & Burgess, Inc.

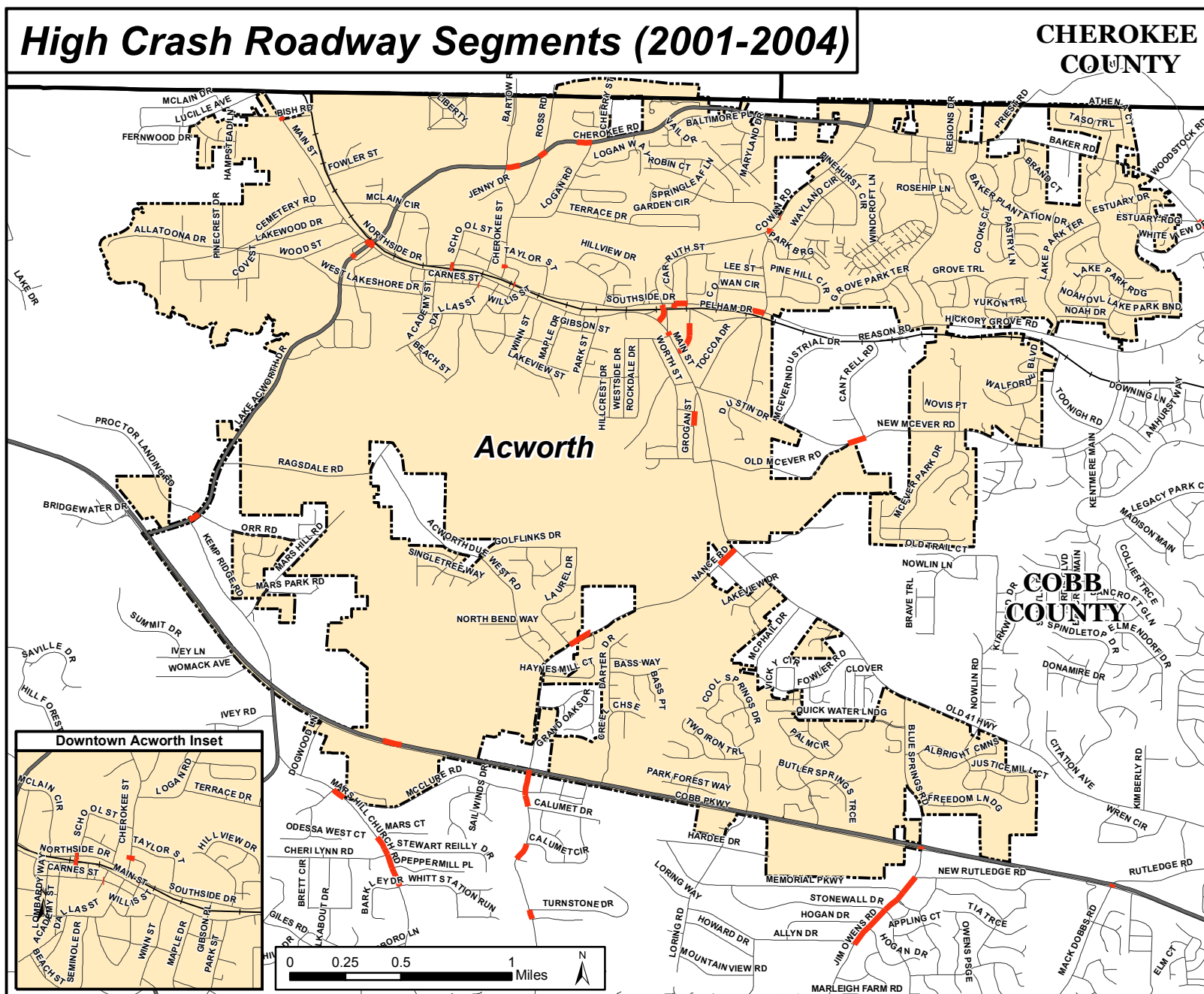
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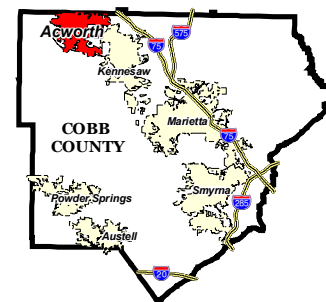


City of Acworth Comprehensive Plan - Transportation Element

High Crash Roadway Segments (2001-2004)



General Location



Map 9

Legend

GDOT High Crash Roadway Segments (2001-2004)*

High Crash Roadway Segments (2001-2004)

Road Network

State Route / U.S. Highway

Other Roads

Other Layers

Railroads

City of Acworth Limits

*Note: High Crash Roadway Segments (2001-2004) are calculated based upon the entire Cobb County Road Network in which the crash rate by functional classification exceeded the average.

Source: GDOT Crash Database (2001-2004), GDOT RC File (2004), City of Acworth, ESRI, and Carter & Burgess, Inc.

This map is intended for planning purposes only.



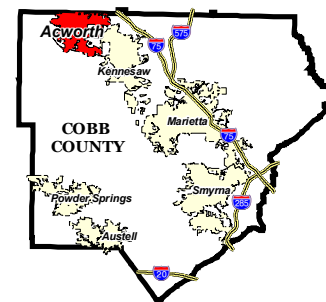


City of Acworth Comprehensive Plan - Transportation Element

Crashes Involving Bicycles/Pedestrians (2001-2004)

CHEROKEE
COUNTY

General Location



Map 10

Legend

Crashes Involving Pedestrians Only
(GDOT Crash Database 2001-2004)

- ▲ Pedestrian Fatality Crash Location
- Pedestrian Injury Crash Location
- Pedestrian Non-Injury / Non-Fatality Crash Location

Crashes Involving Bicycles Only
(GDOT Crash Database 2001-2004)*

- ◆ Bicycle Injury Crash Location
- Bicycle Non-Injury / Non-Fatality Crash Location

Road Network

- State Route / U.S. Highway
- Other Roads

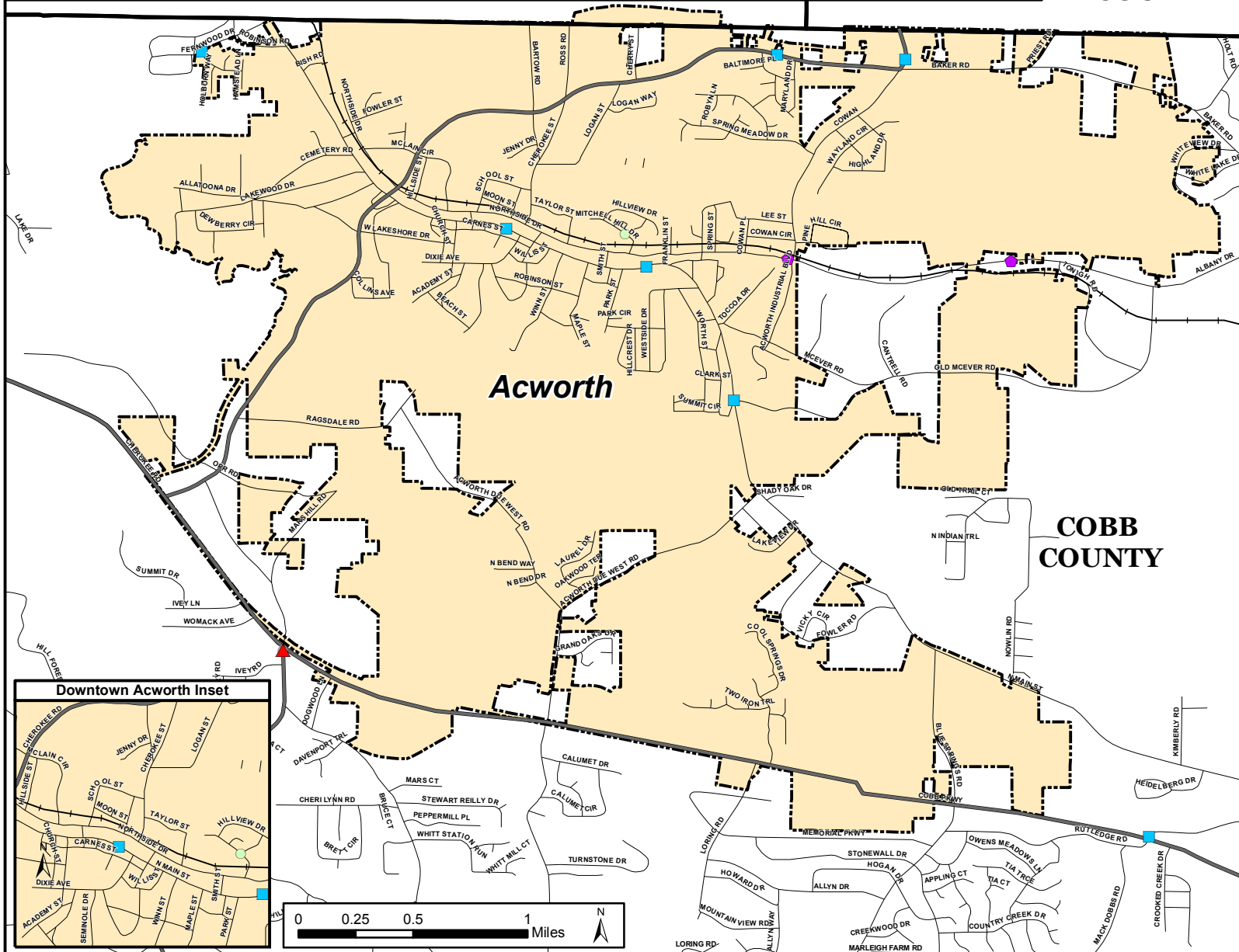
Other Layers

- Railroads
- City of Acworth Limits

*Note: There are no bicycle fatality crash locations in the immediate Acworth area from 2001-2004.

Source: GDOT Crash Database (2001-2004), GDOT RC File (2004), City of Acworth, ESRI, and Carter & Burgess, Inc.

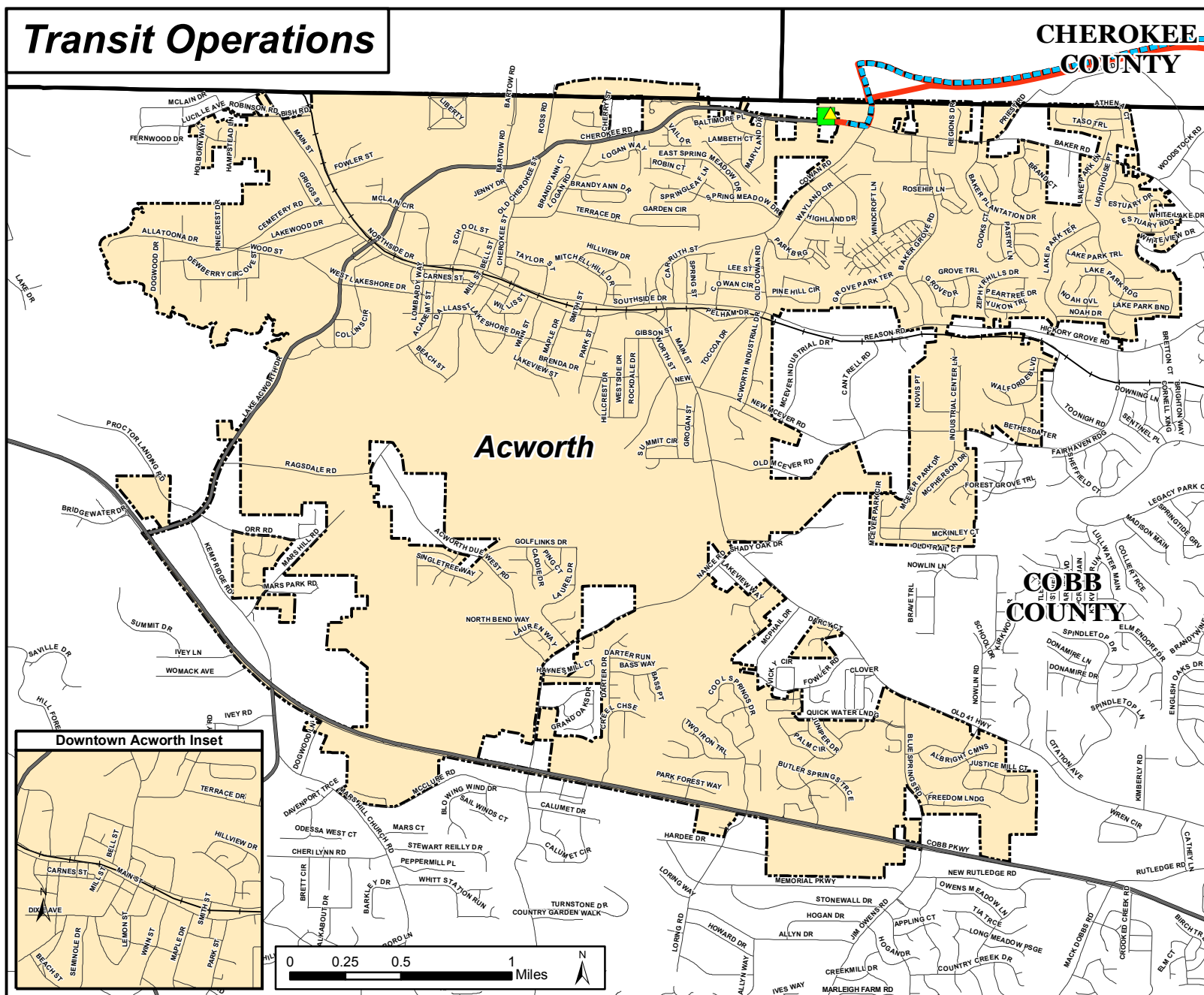
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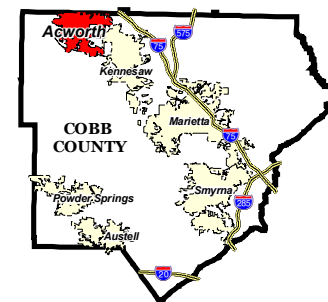


City of Acworth Comprehensive Plan - Transportation Element

Transit Operations



General Location



Map 11

Legend

Transit Operations

- Park-N-Ride Facility
- CCT Bus Stops
- CCT Bus Route
- GRTA XPress Bus Route

Road Network

- State Route / U.S. Highway
- Other Roads

Other Layers

- City of Acworth Limits

Source: Cobb DOT, City of Acworth, ESRI, and Carter & Burgess, Inc.

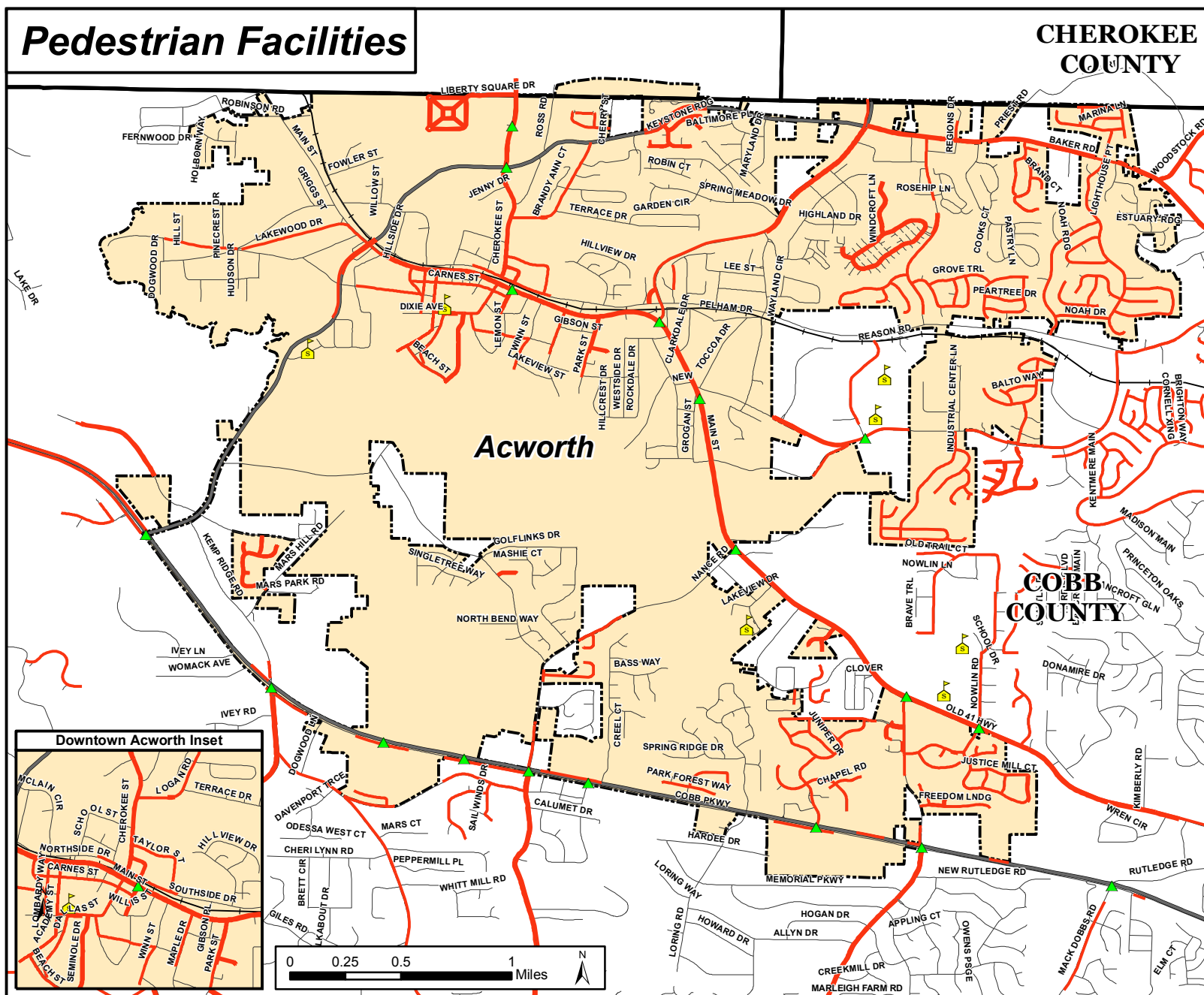
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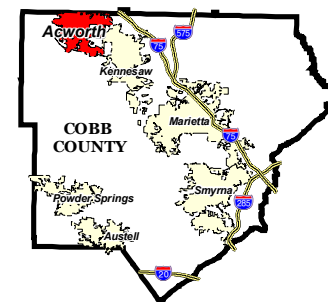


City of Acworth Comprehensive Plan - Transportation Element

Pedestrian Facilities



General Location



Map 12

Legend

Pedestrian Facilities

- ▲ Pedestrian Crosswalks (Signalized Intersection)
- 🏫 Schools

Road Network

- State Route / U.S. Highway
- Other Roads

Other Layers

- Railroads
- ▭ City of Acworth Limits

Source: Cobb DOT, City of Acworth, ESRI, GeoStats, and Carter & Burgess, Inc.

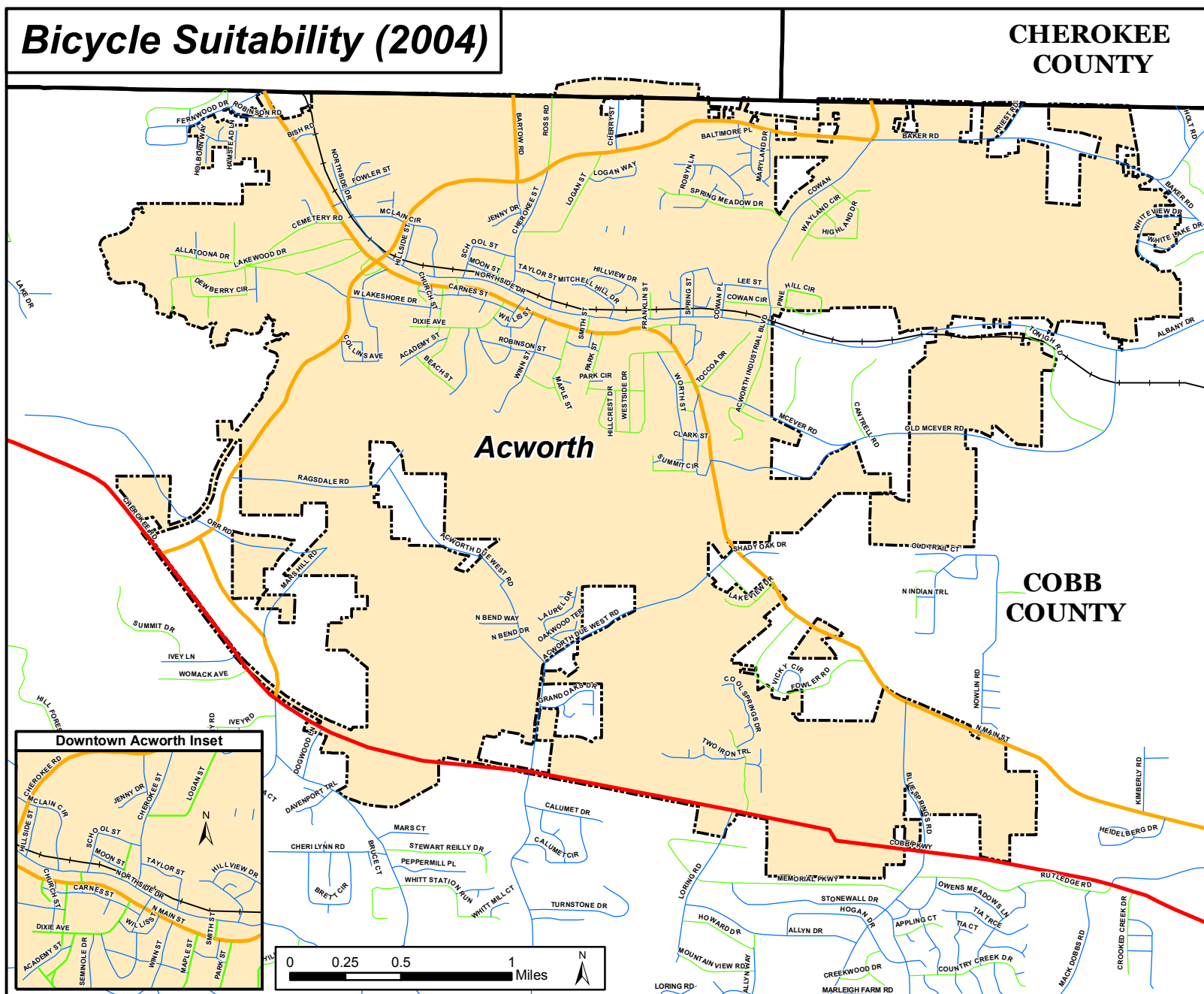
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City of Acworth Comprehensive Plan - Transportation Element

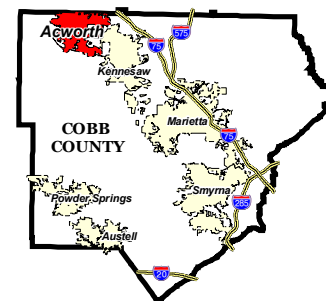
Bicycle Suitability (2004)



CHEROKEE
COUNTY

COBB
COUNTY

General Location



Map 13

Legend

Bicycle Suitability (2004)*

- 3.0 - 4.0 (Best Conditions For Bicycling)
- 2.0 - 2.9 (Medium Conditions For Bicycling)
- 1.1 - 1.9 (Difficult Conditions For Bicycling)
- 0.0 - 1.0 (Very Difficult Conditions For Bicycling)

Other Layers

- Railroads
- City of Acworth Limits

*Note: Bicycle Suitability scores are shown for only those roads that calculate a score.

Source: ARC, GDOT RC File (2004), City of Acworth, ESRI, and Carter & Burgess, Inc.

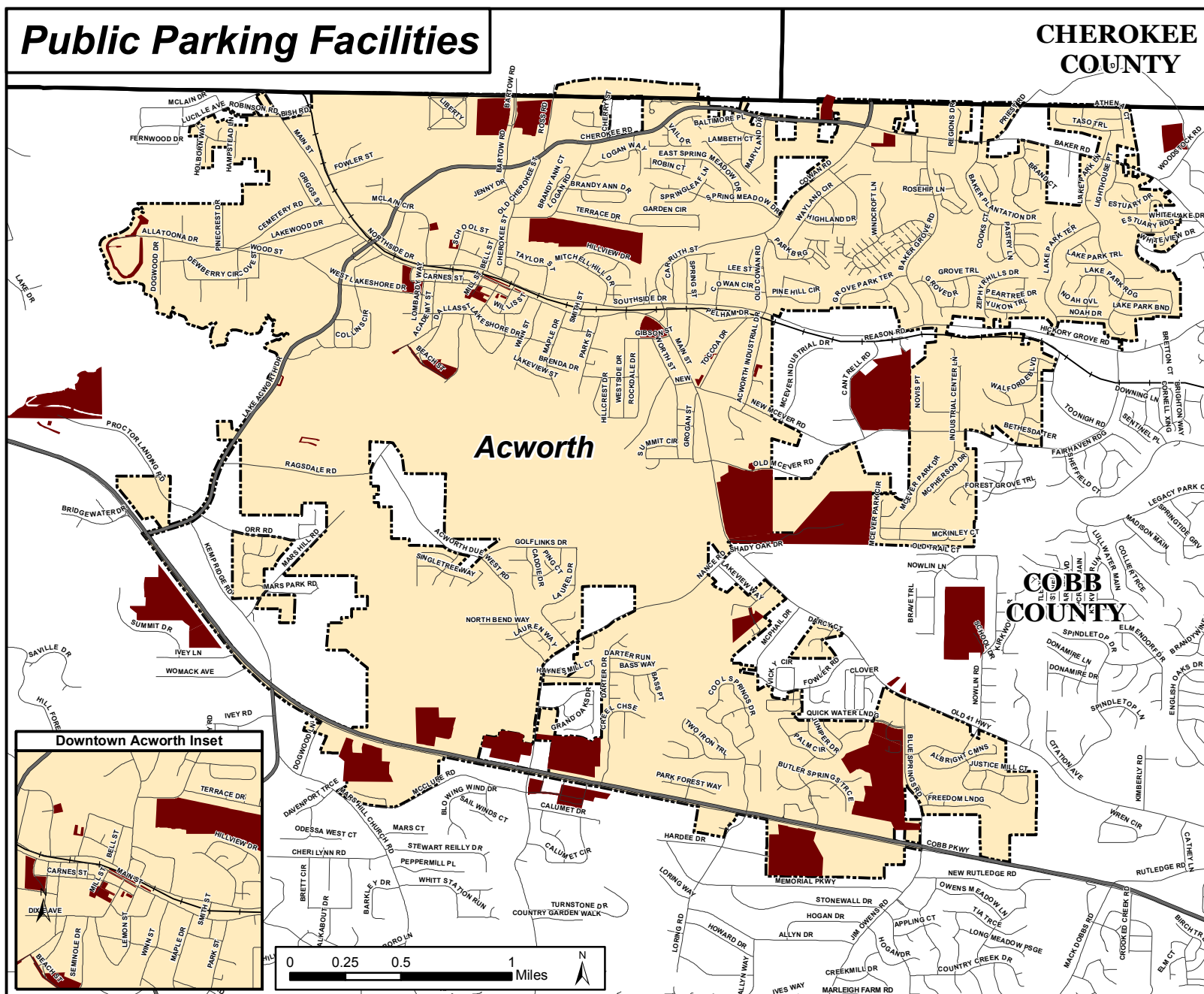
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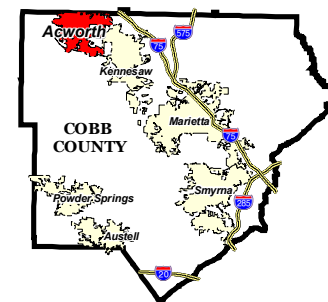


City of Acworth Comprehensive Plan - Transportation Element

Public Parking Facilities



General Location



Map 14

Legend

Public Parking Facilities

Public Parking

Road Network

State Route / U.S. Highway

Other Roads

Other Layers

Railroads

City of Acworth Limits

Source: City of Acworth, Cobb DOT, ESRI, GeoStats, and Carter & Burgess, Inc.

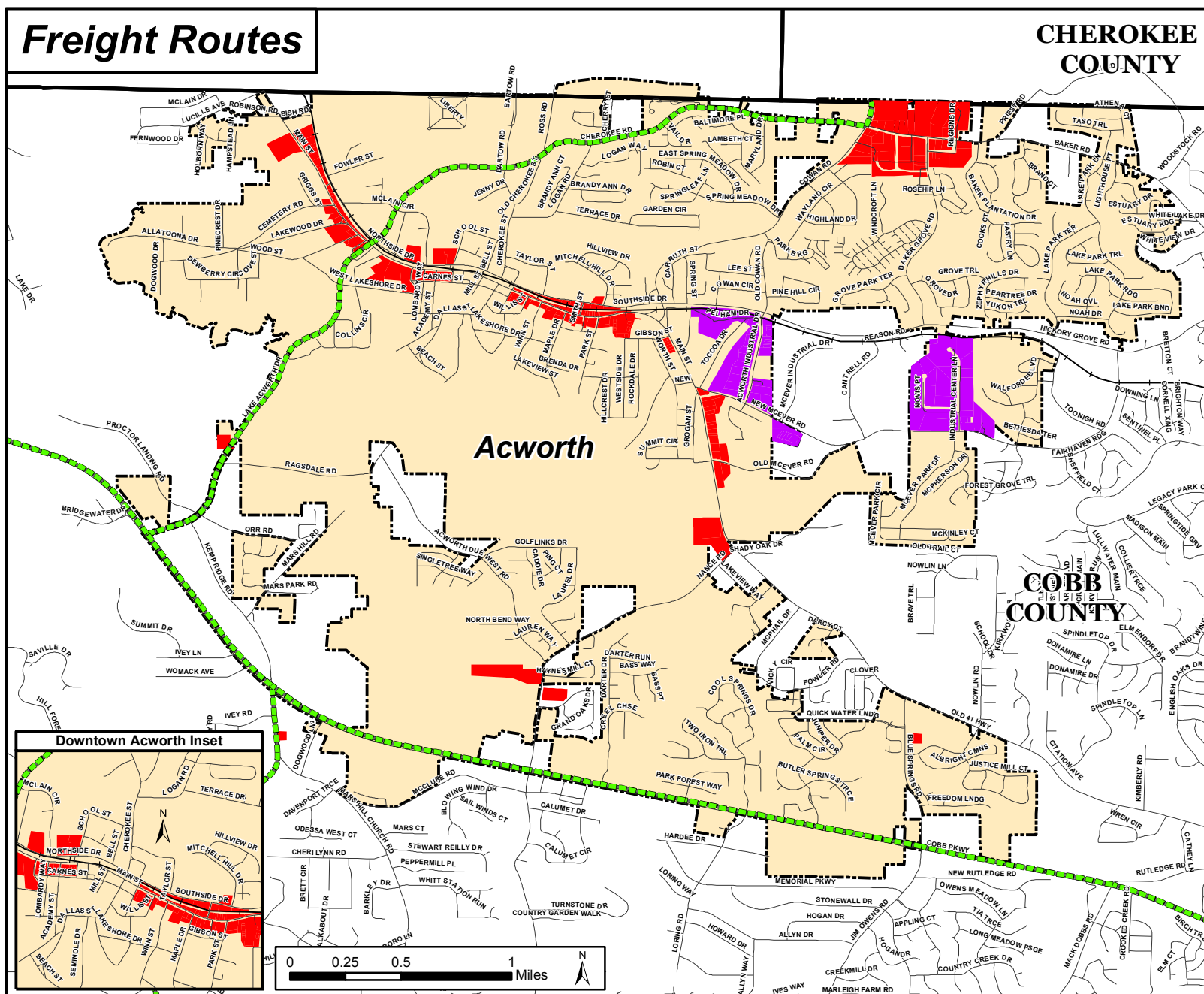
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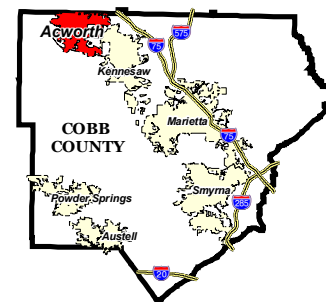


City of Acworth Comprehensive Plan - Transportation Element

Freight Routes



General Location



Map 15

Legend

Truck Routes Designation (GDOT RC File- 2004)

STAA Routes

Commercial / Industrial Locations

Commercial

Industrial

Railroad Facilities

Railroads

Road Network

State Route / U.S. Highway

Other Roads

Other Layers

City of Acworth Limits

Source: Cobb DOT, GDOT RC File (2004), City of Acworth, ESRI, and Carter & Burgess, Inc.

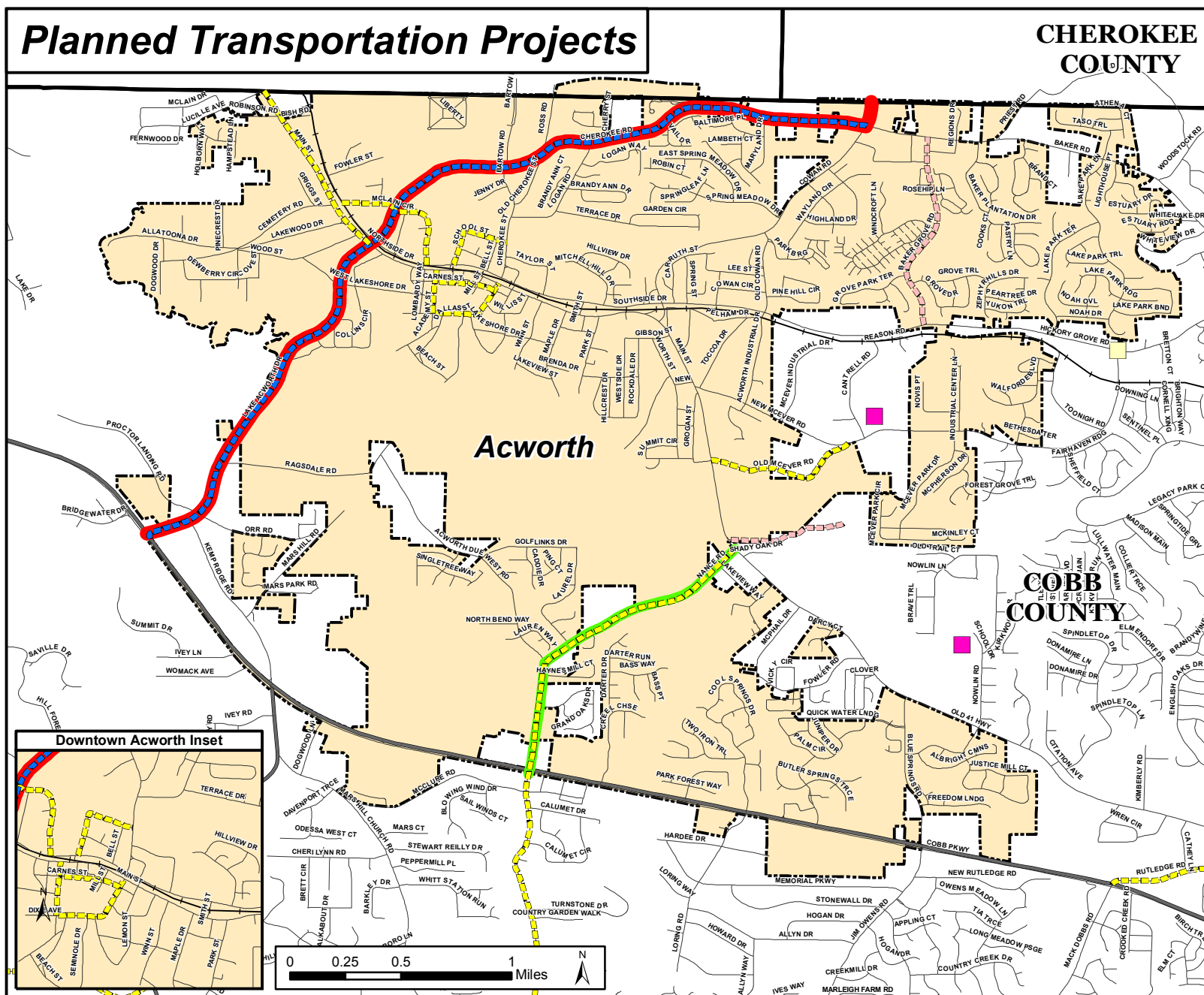
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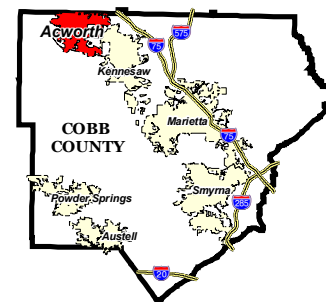


City of Acworth Comprehensive Plan - Transportation Element

Planned Transportation Projects



General Location



Map 16

Legend

Cobb County SPLOST Projects

- School Improvements
- Shoulder Work Projects
- Sidewalk Projects
- Thoroughfare Projects

ARC 2030 RTP Projects

- Roadway Operations
- Roadway Capacity (Including Interchanges and Studies)

Road Network

- State Route / U.S. Highway
- Other Roads

Other Layers

- City of Acworth Limits

Source: ARC, Cobb DOT, City of Acworth, ESRI, and Carter & Burgess, Inc.

This map is intended for planning purposes only.

