



November 2022



FLORIDA **RED MAP** BOOK

How would traffic congestion grow in Florida if current trends continue?

PREFACE

As the third most populous state in the country, Florida continues to grow at a record pace. Over the past several years, Florida has experienced exponential growth both in the number of people who call Florida home as well as those who come to visit. In fact, nearly 1,000 people move to Florida daily. As of July 2022, estimated population in the state is 22.7 million and over 118 million travelers visited the state in 2021. Employment has grown by over 31% during the past decade resulting in close to 13 million jobs in the state. It is anticipated that by the year 2045 Florida's population will increase by 24%, and employment will increase by 49%. Careful future planning is necessary to accommodate the anticipated growth and ensure that our transportation system continues to move people and goods safely and efficiently. This map series, commonly known as the "Red Maps," shows how congestion would grow in Florida if the current trends continue.

The maps have been developed for the years 2021 and 2045 to reflect the anticipated growth in congestion over time. The 2021 analysis has been conducted using the statewide level of service database and the future year analysis has been conducted using the adopted Regional Travel Demand Models and the Florida Statewide Travel Demand Model. The future year models include anticipated socioeconomic growth and planned and programmed transportation improvements consistent with the long-range Cost Feasible Plan. Please note this effort is not directly related to Strategic Intermodal System (SIS) Heavily Congested Corridors. Heavily Congested Corridors is developed using the annual Level of Service (LOS) reports provided by the FDOT Districts. The map series has been developed to paint a high-level picture of system-wide congestion and to support visioning exercises as we work with partner agencies to develop sustainable and innovative transportation solutions.

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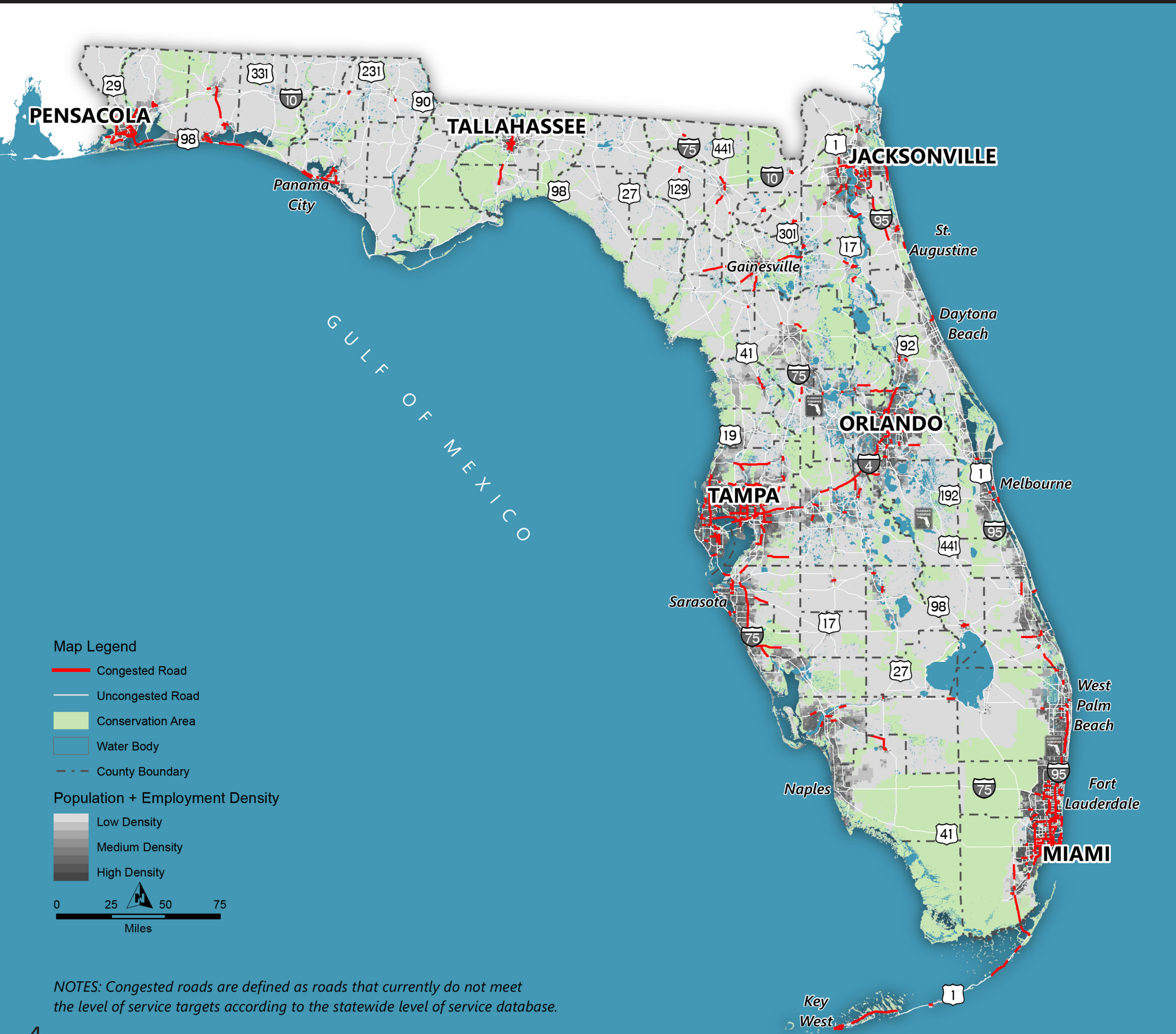
Email: sisinfo@dot.state.fl.us

Website: www.fdot.gov/planning/sis/

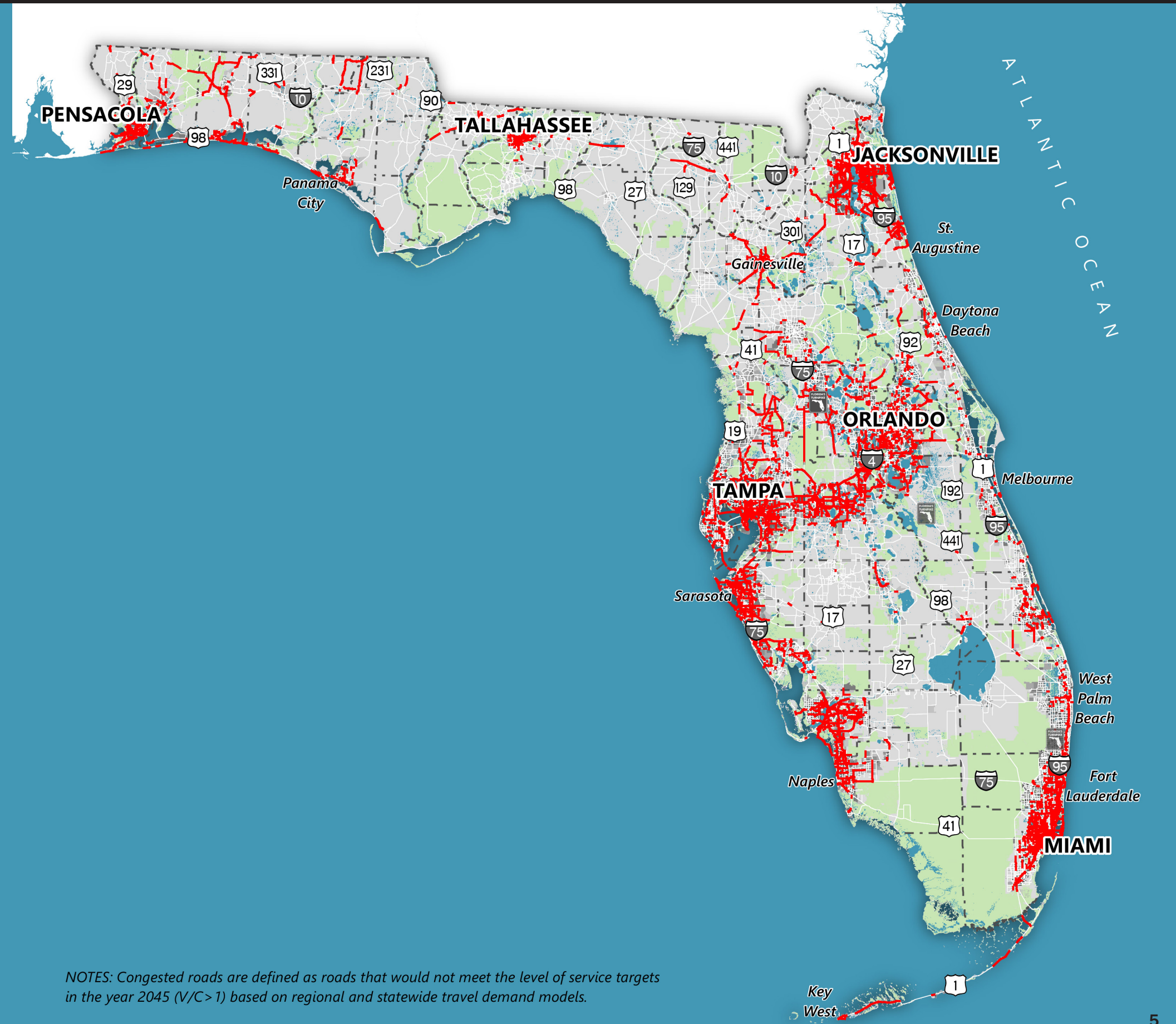
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STATEWIDE EXISTING & 2045 RED MAPS



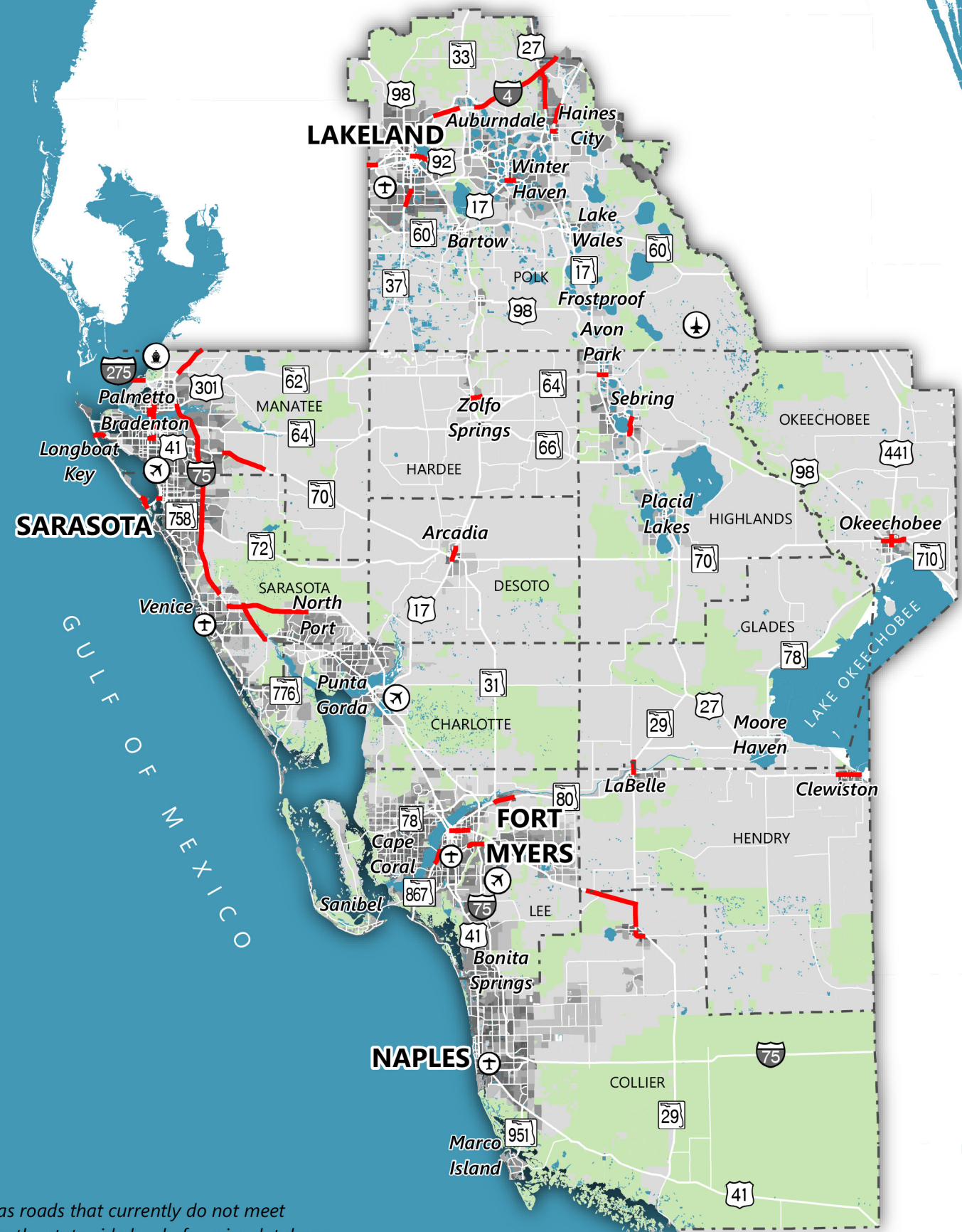
NOTES: Congested roads are defined as roads that currently do not meet the level of service targets according to the statewide level of service database.



NOTES: Congested roads are defined as roads that would not meet the level of service targets in the year 2045 (V/C > 1) based on regional and statewide travel demand models.

DISTRICT ONE

EXISTING & 2045 RED MAPS



Map Legend

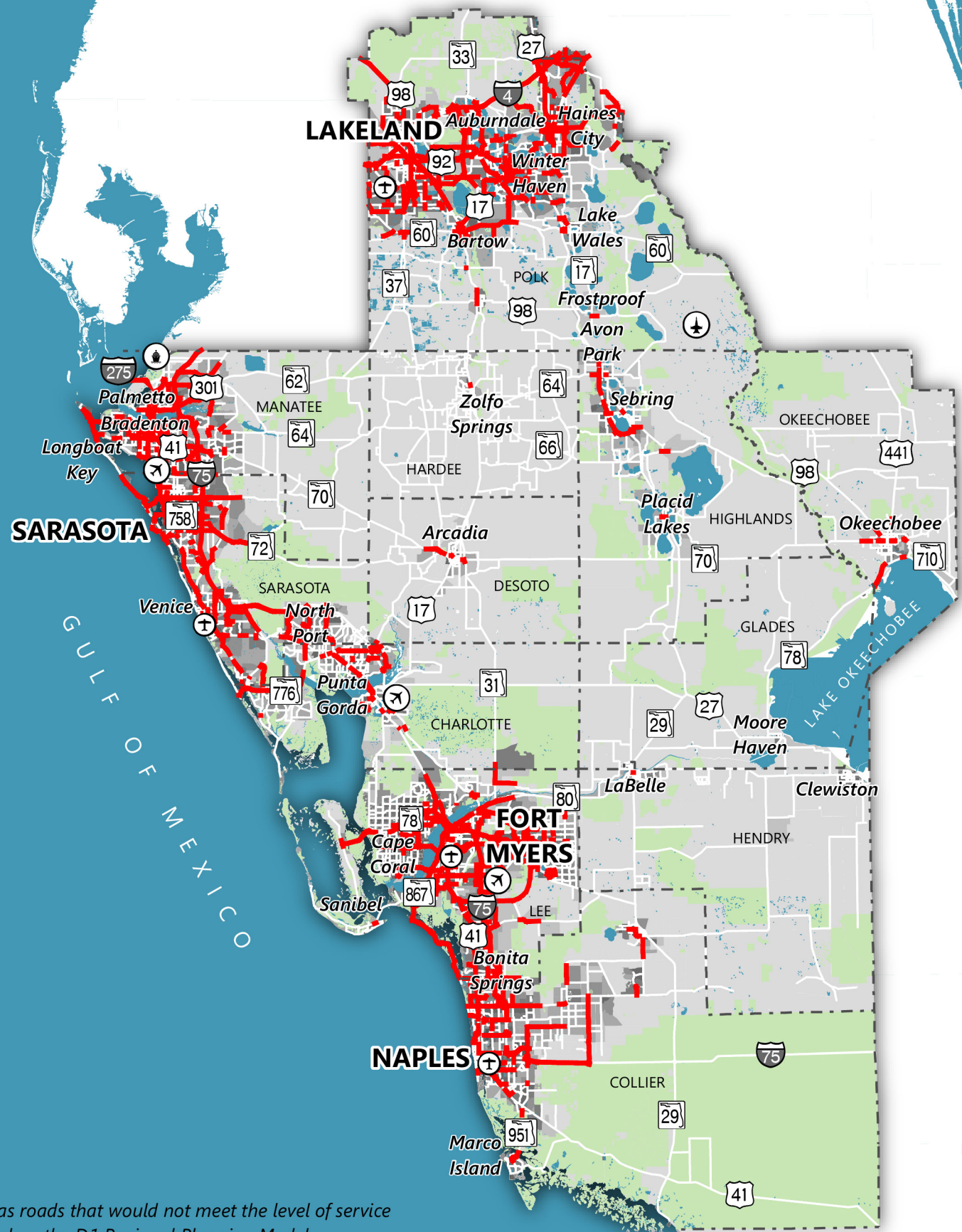
- Congested Road
- Uncongested Road
- Conservation Area
- Water Body
- County Boundary

Population + Employment Density

- Low Density
- Medium Density
- High Density

0 10 20 30
Miles

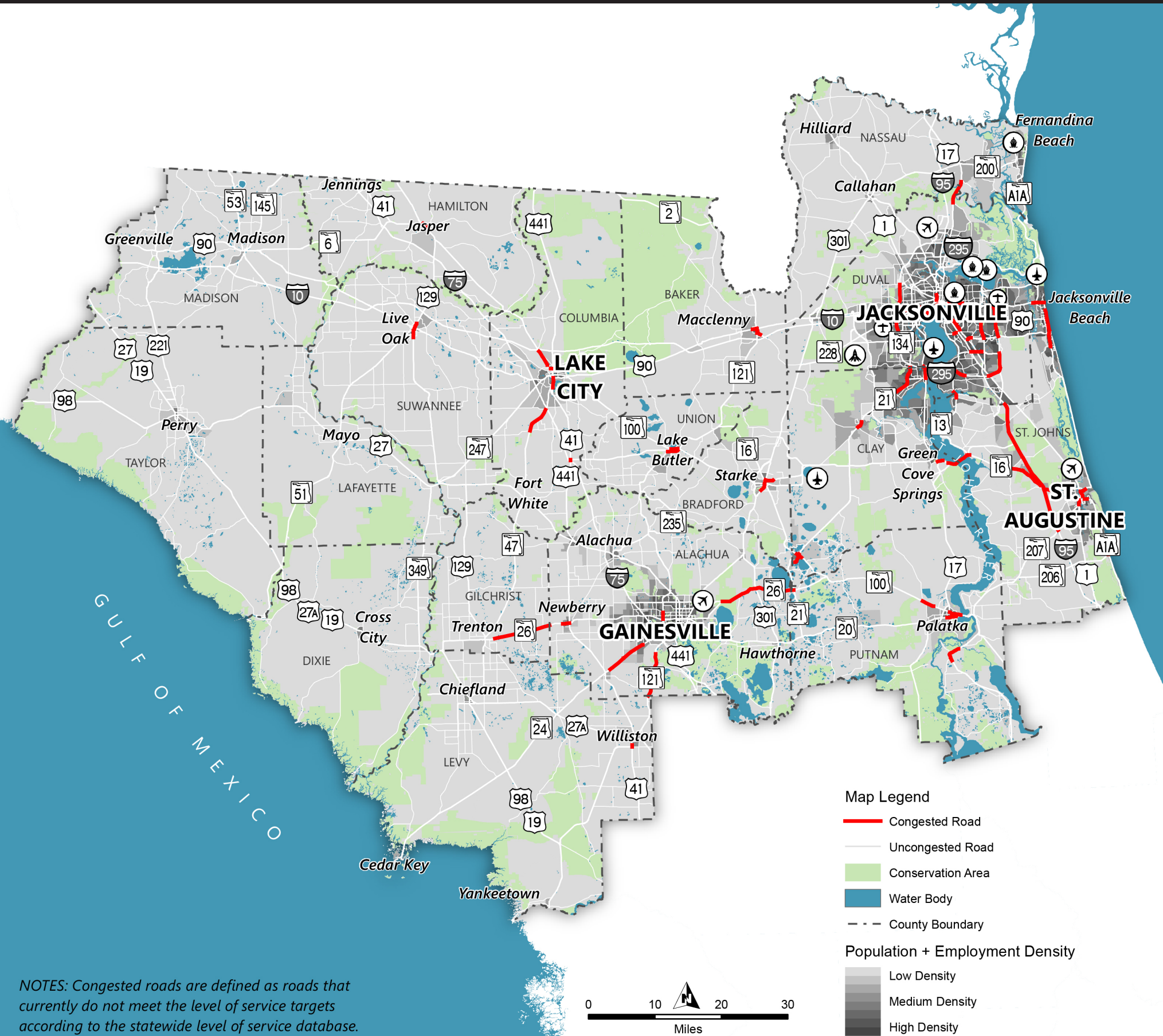
NOTES: Congested roads are defined as roads that currently do not meet the level of service targets according to the statewide level of service database.



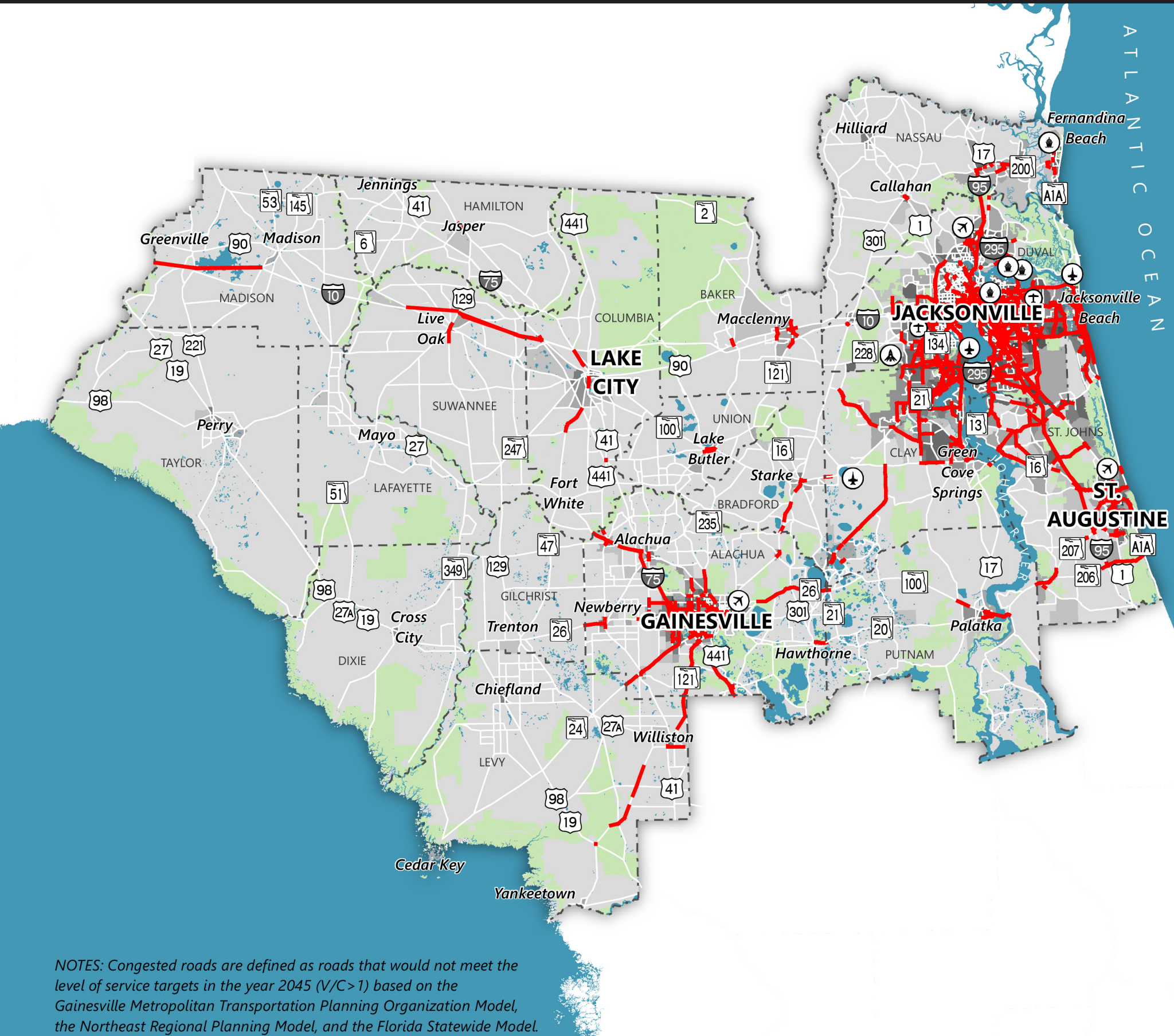
NOTES: Congested roads are defined as roads that would not meet the level of service targets in the year 2045 (V/C > 1) based on the D1 Regional Planning Model.

DISTRICT TWO

EXISTING & 2045 RED MAPS



NOTES: Congested roads are defined as roads that currently do not meet the level of service targets according to the statewide level of service database.



NOTES: Congested roads are defined as roads that would not meet the level of service targets in the year 2045 (V/C > 1) based on the Gainesville Metropolitan Transportation Planning Organization Model, the Northeast Regional Planning Model, and the Florida Statewide Model.

DISTRICT THREE

EXISTING & 2045 RED MAPS



- Map Legend**
- Congested Road
 - Uncongested Road
 - Conservation Area
 - Water Body
 - County Boundary
- Population + Employment Density**
- Low Density
 - Medium Density
 - High Density



NOTES: Congested roads are defined as roads that currently do not meet the level of service targets according to the statewide level of service database.



NOTES: Congested roads are defined as roads that would not meet the level of service targets in the year 2045 (V/C > 1) based on the Northwest Florida Regional Planning Model.

DISTRICT FOUR

EXISTING & 2045 RED MAPS

Map Legend

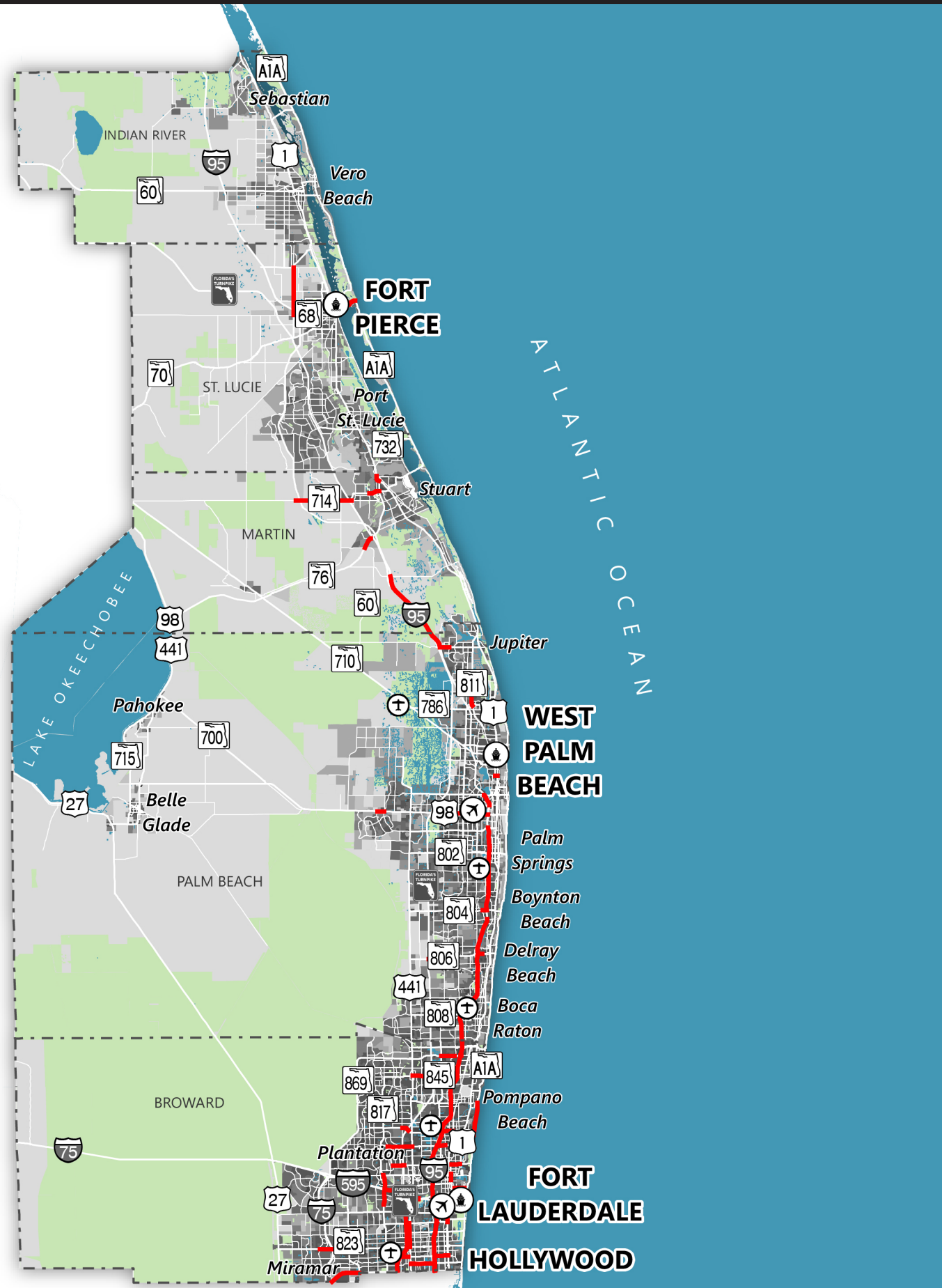
- Congested Road
- Uncongested Road
- Conservation Area
- Water Body
- County Boundary

Population + Employment Density

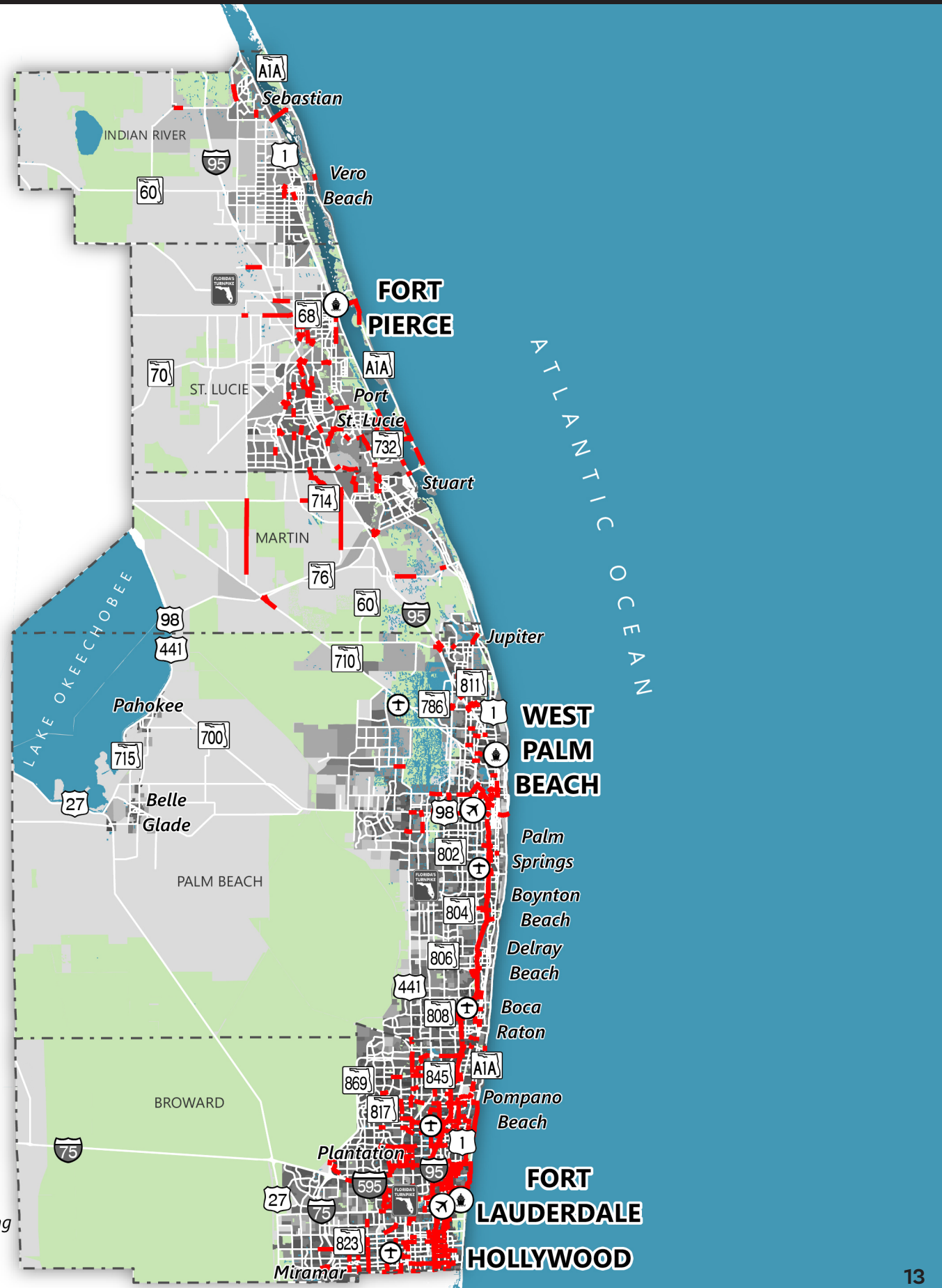
- Low Density
- Medium Density
- High Density

0 10 20 30
Miles

NOTES: Congested roads are defined as roads that currently do not meet the level of service targets according to the statewide level of service database.

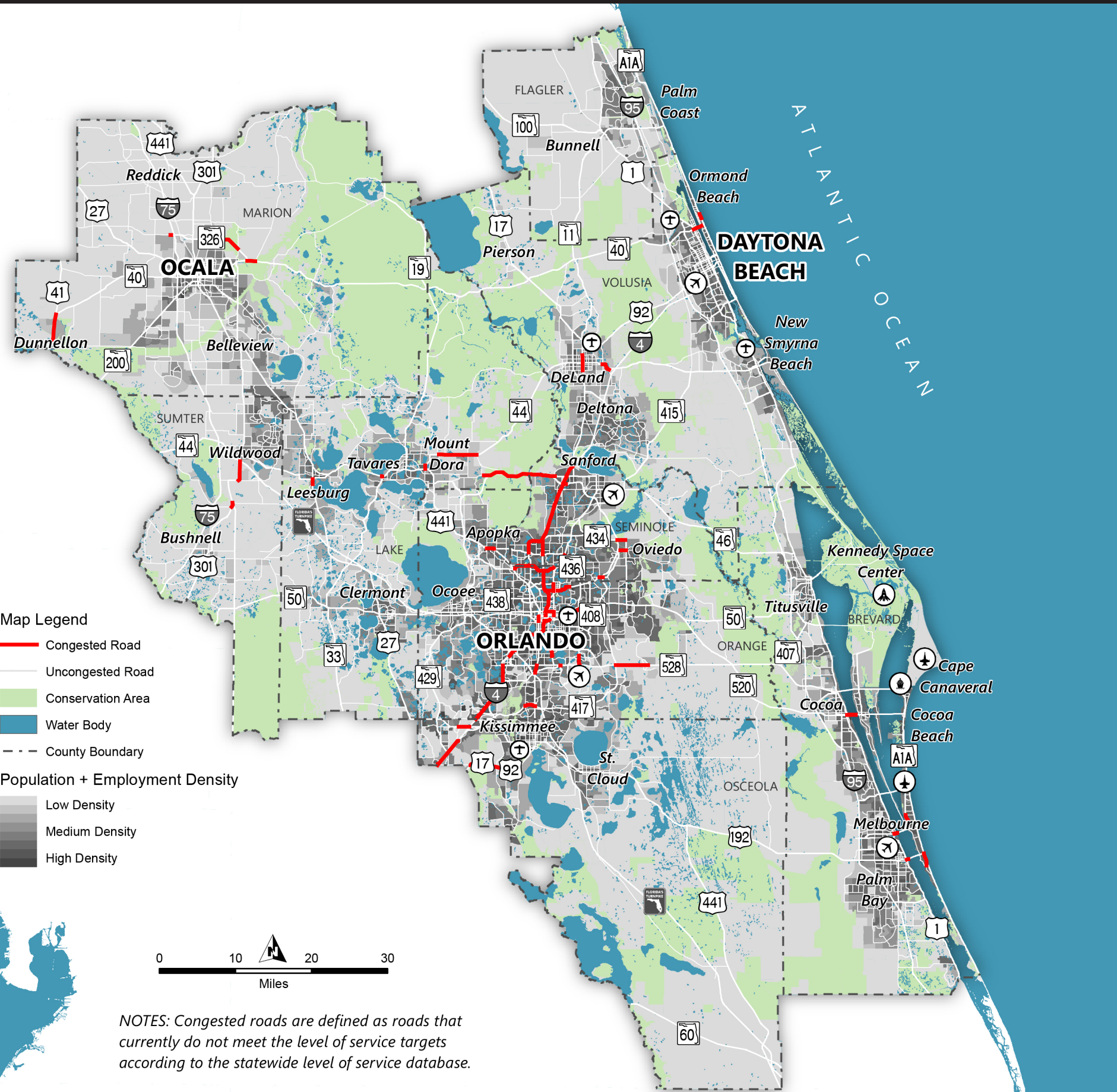


NOTES: Congested roads are defined as roads that would not meet the level of service targets in the year 2045 (V/C > 1) based on the Southeast Florida Regional Planning Model and the Treasure Coast Regional Planning Model.

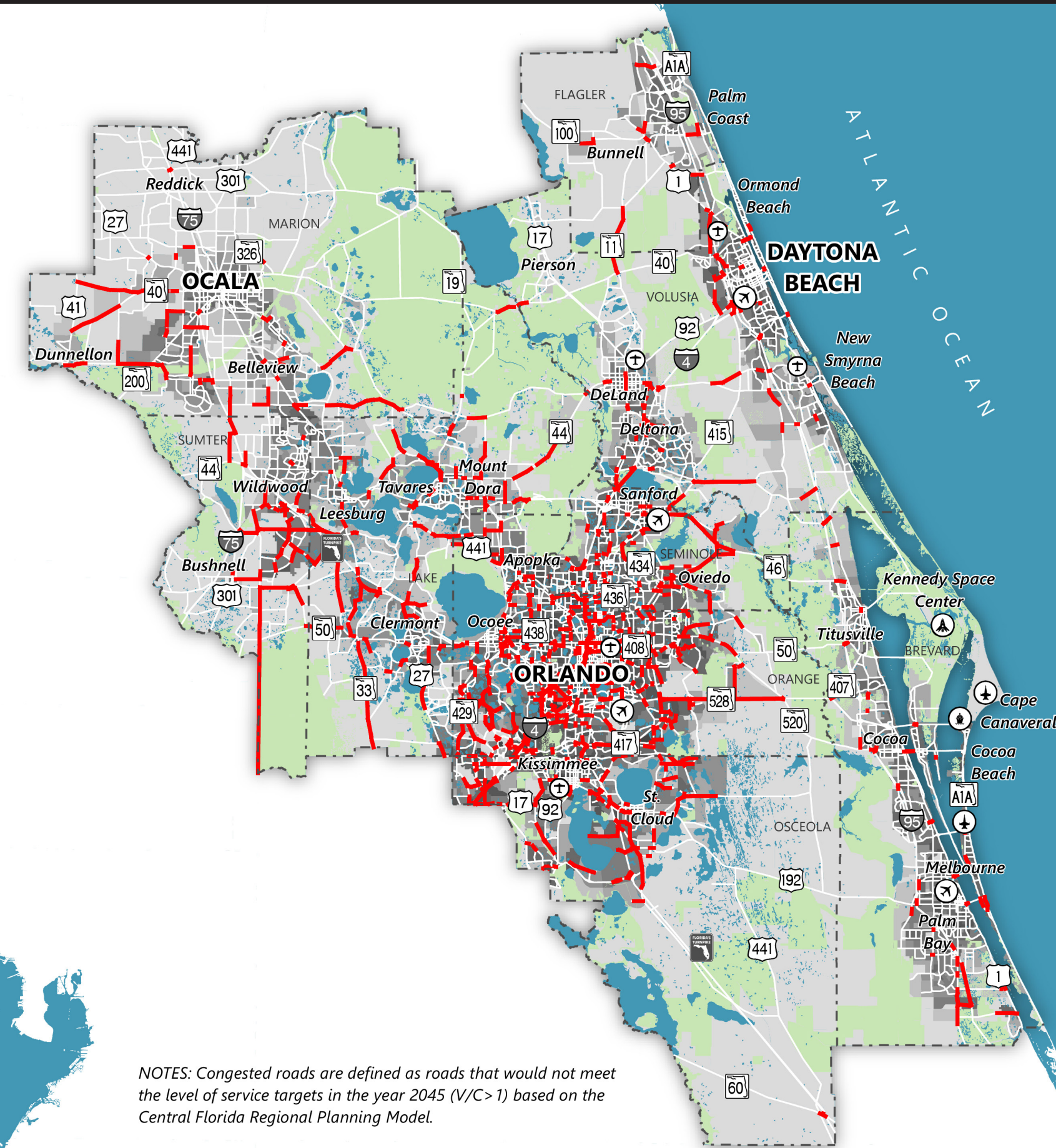


DISTRICT FIVE

EXISTING & 2045 RED MAPS



NOTES: Congested roads are defined as roads that currently do not meet the level of service targets according to the statewide level of service database.



NOTES: Congested roads are defined as roads that would not meet the level of service targets in the year 2045 (V/C > 1) based on the Central Florida Regional Planning Model.

DISTRICT SIX

EXISTING & 2045 RED MAPS



Map Legend

- Congested Road
- Uncongested Road
- Conservation Area
- Water Body
- - - County Boundary

Population + Employment Density

- Low Density
- Medium Density
- High Density

0 4 8 12
Miles

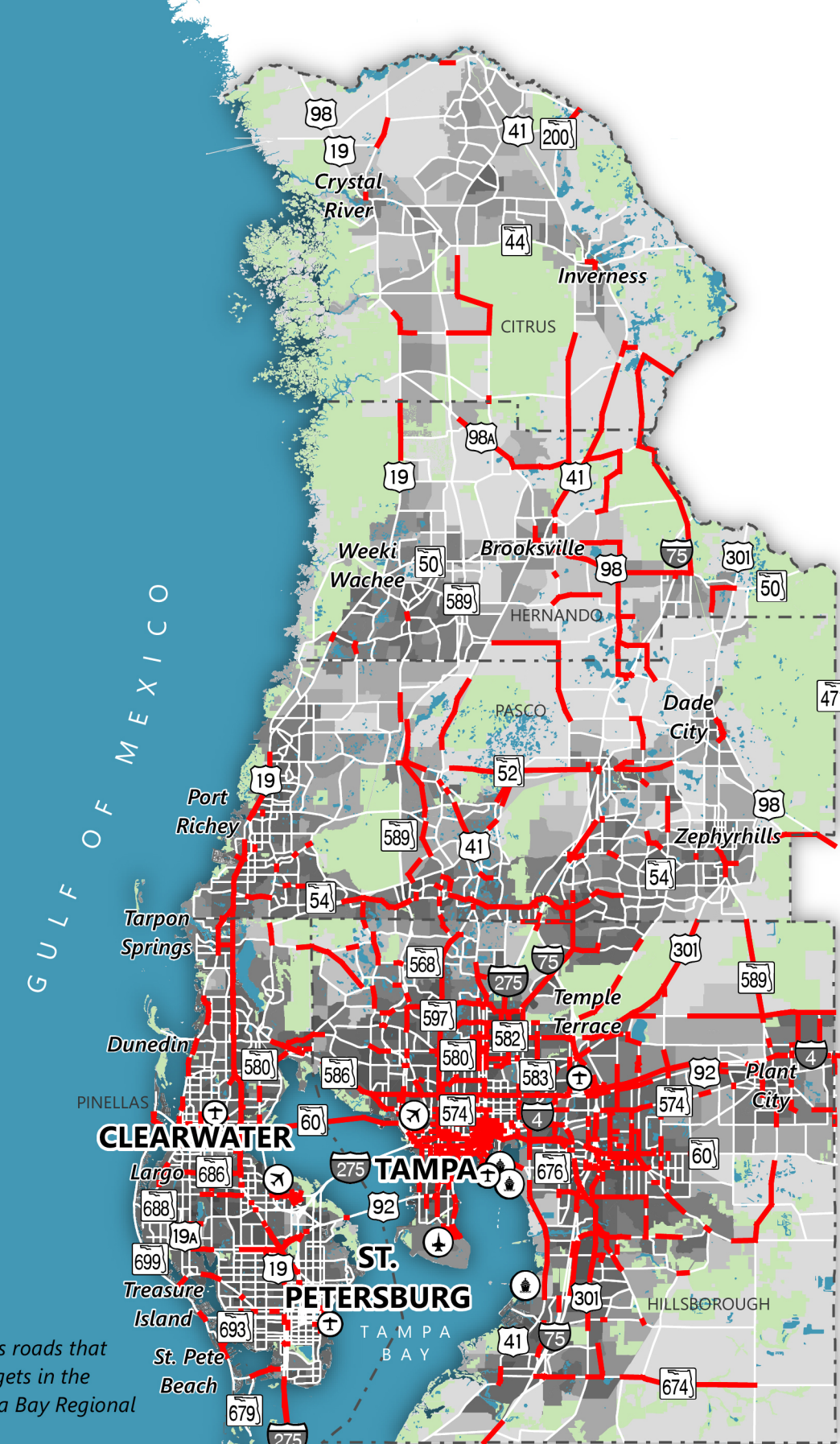
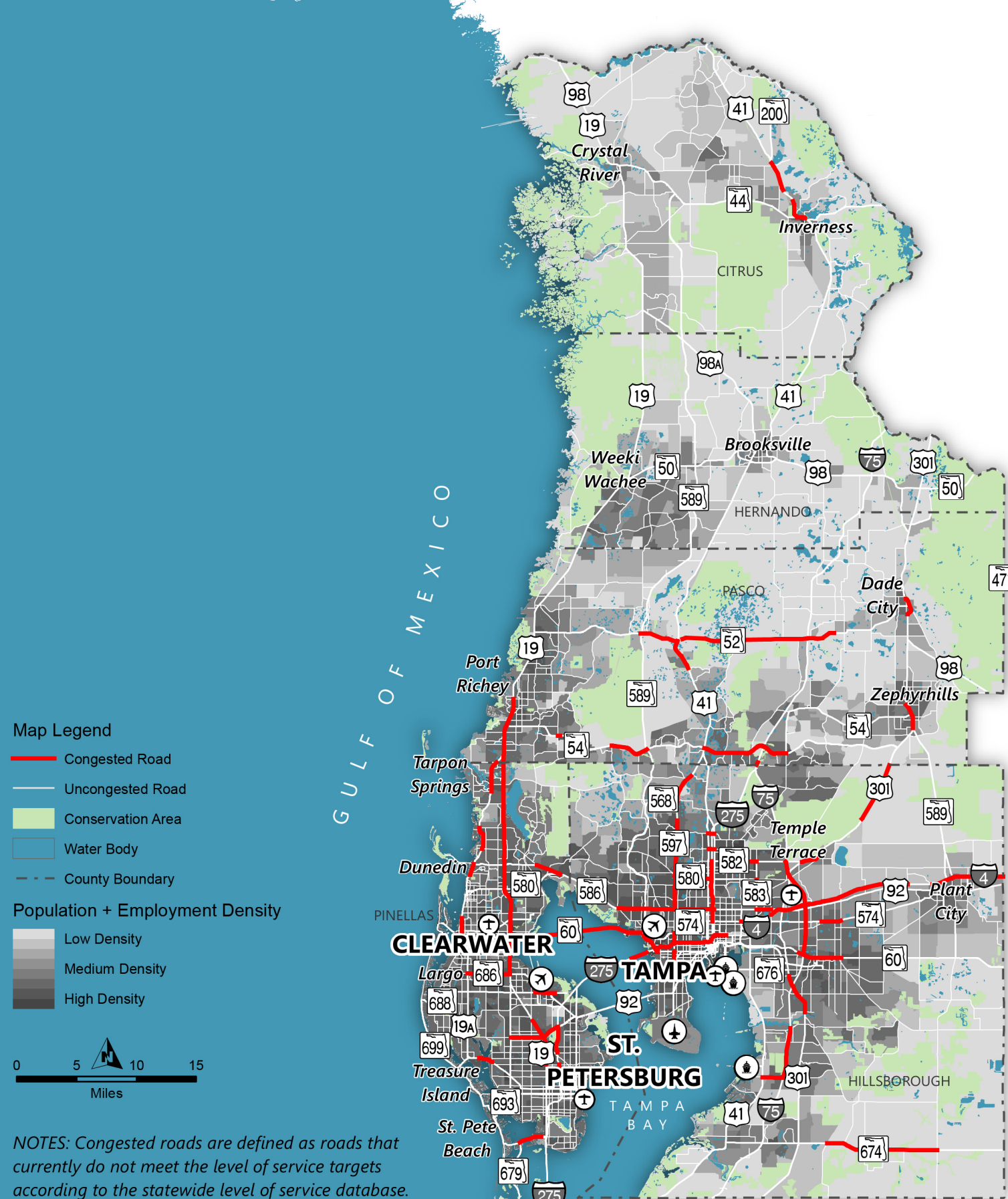
NOTES: Congested roads are defined as roads that currently do not meet the level of service targets according to the statewide level of service database.

NOTES: Congested roads are defined as roads that would not meet the level of service targets in the year 2045 (V/C > 1) based on the Southeast Florida Regional Planning Model and the Florida Statewide Model.



DISTRICT SEVEN

EXISTING & 2045 RED MAPS





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