

## Appendix G: Hazard & Risk Assessment Maps

Appendix M contains hazard boundary and risk assessment maps. Using County and municipal GIS capabilities, facility inventory lists and property appraiser databases, and other local, regional, state, and national agency databases, the LMS is able to map any location-specific hazard risk or event and estimate associated physical and financial losses, on demand. A representative sample of hazard maps available for risk assessment, strategy development, and other mitigation planning activities are presented in the following sections of this appendix.

The maps and data in this appendix addresses, in part, the following FEMA requirements:

**Requirement §201.6(c)(2)(i):** The risk assessment must include a description of the type, location, and extent of all natural hazards that can affect the jurisdiction. The plan must include information on previous occurrences of hazard events on the probability of future hazards.

**Requirement §201.6(c)(2)(ii):** The risk assessment must include a description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description must include an overall summary of each hazard and its impact on the community. All plans must address National Flood Insurance Program (NFIP) insured structures that have been repetitively damaged by floods.

**Requirement §201.6(c)(2)(ii)(A):** The risk assessment must include the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified areas.

**Requirement §201.6(c)(2)(ii)(B):** The risk assessment must include an estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(ii)(A) of this section and a description of the methodology used to prepare the estimate.

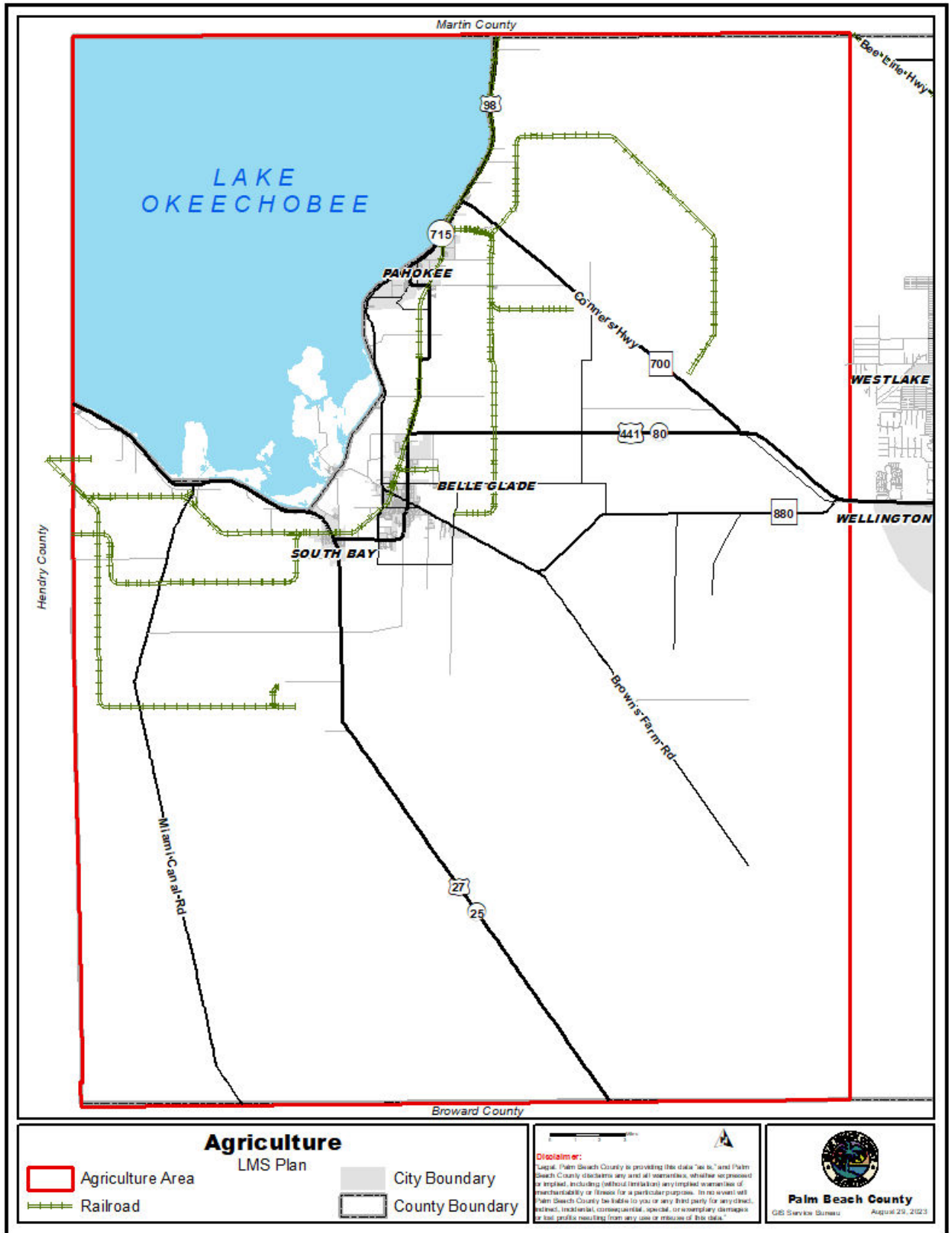
**Requirement §201.6(c)(2)(ii)(C):** The risk assessment must include a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decision.

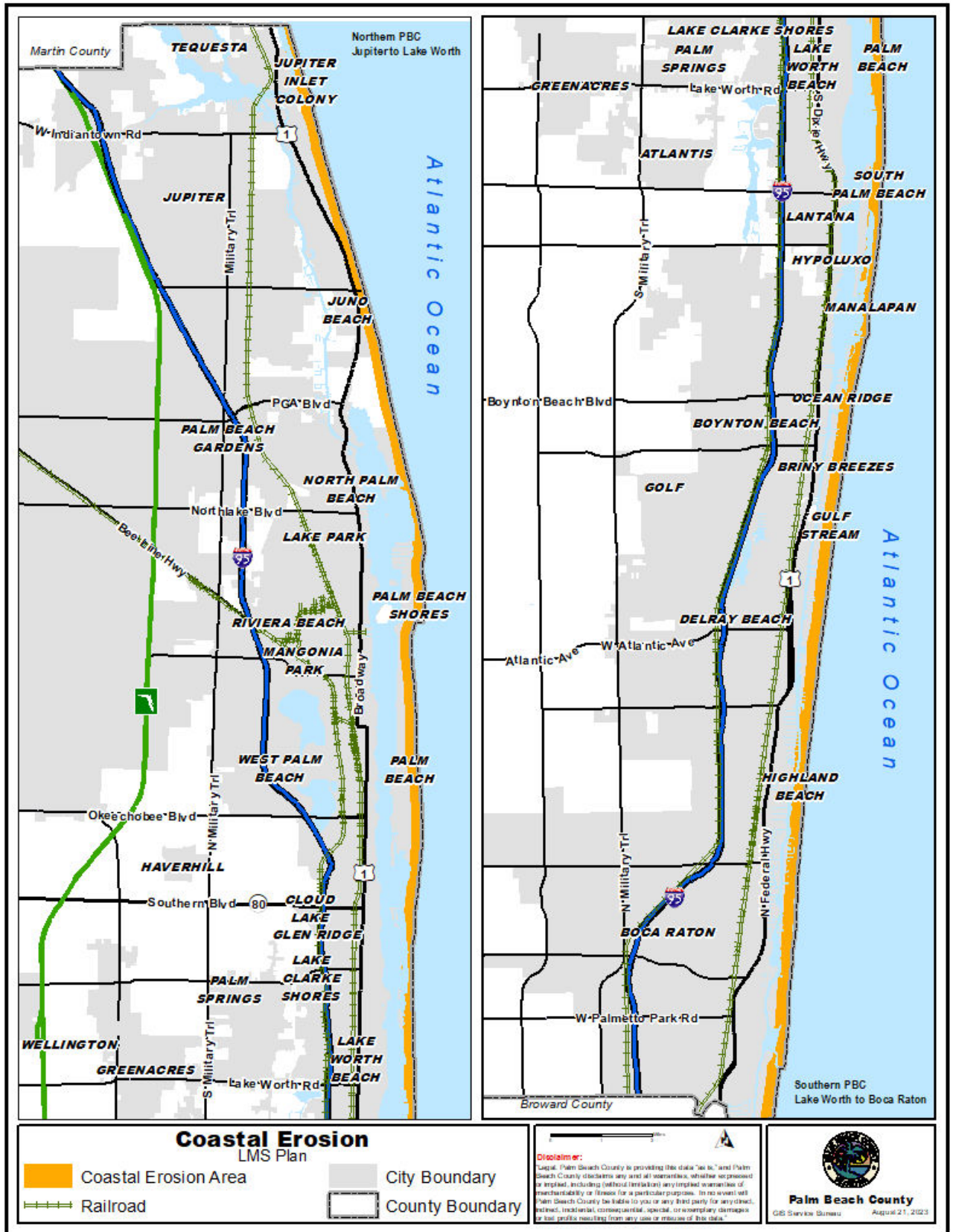
**Requirement §201.6(c)(2)(iii):** For multi-jurisdictional plans, the risk assessment must assess each jurisdiction's risks where they vary from the risks facing the entire planning area.

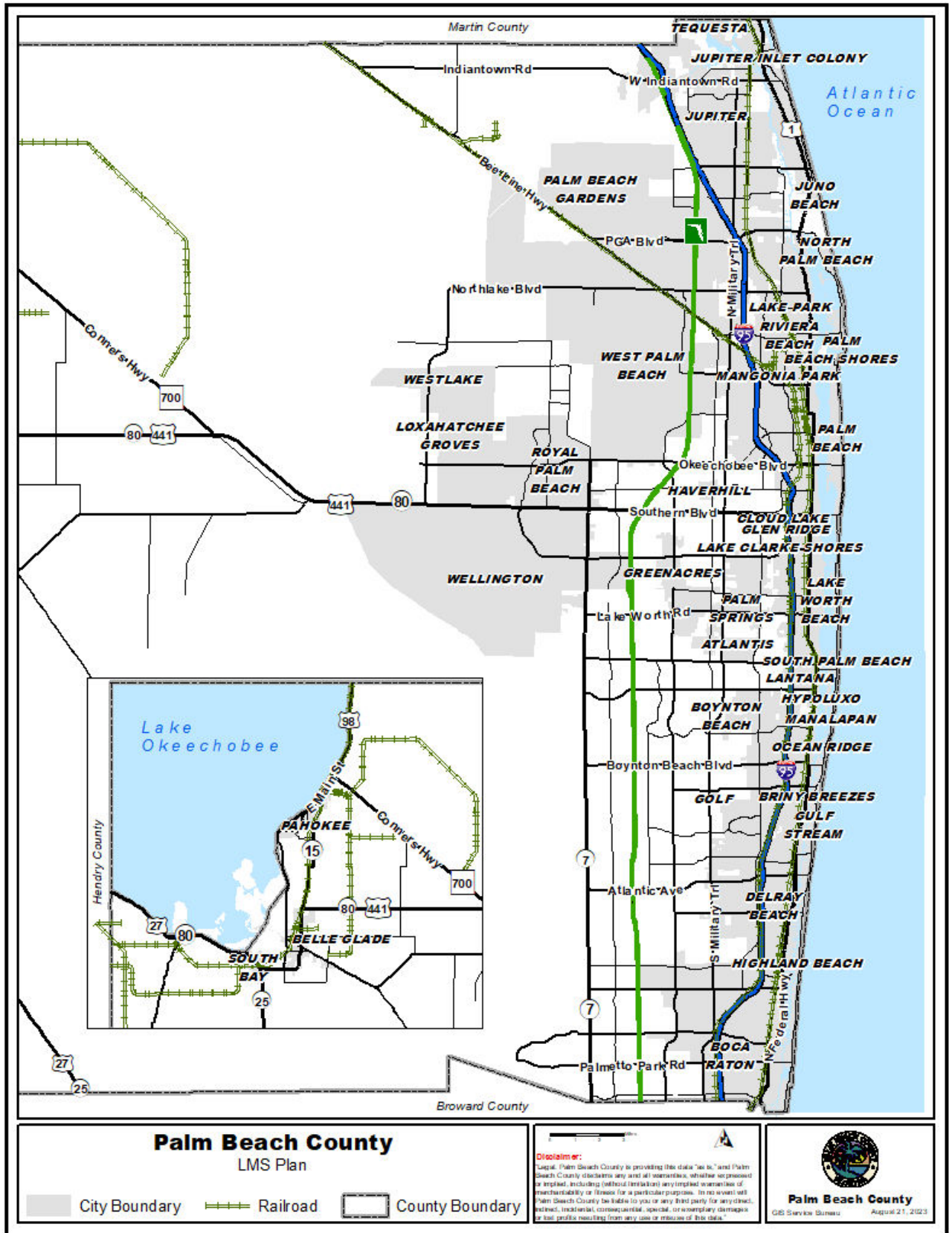
Further risk assessment detail pertinent to these FEMA requirements are contained in Appendix A, in the PBC Hazard Environment section and in the hazard profiles.

The maps listed in this appendix are cited below.

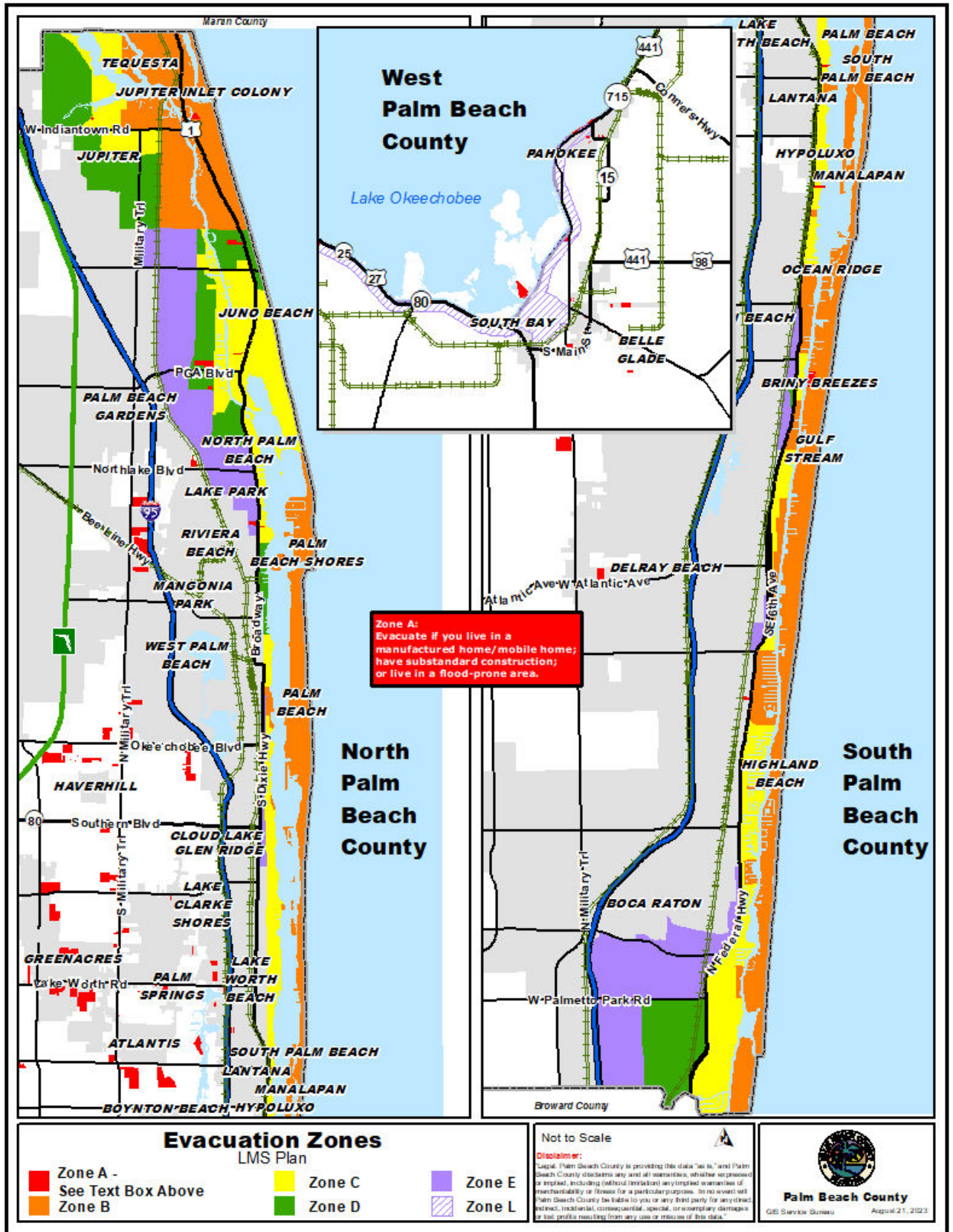
<b>Map</b>	<b>Source</b>
<b>Historical Flood Prone Areas</b>	SFWMD & PBCGIS
<b>Storm Surge Areas</b>	USACE
<b>Evacuation Zones</b>	DEM/USACE
<b>Coastal Erosion Boundary</b>	PBC ERM
<b>Hebert Hoover Dike Breach Reach</b>	SFWMD
<b>Wellfield Protection Zones</b>	PBC ERM
<b>Wildland Fire Areas</b>	Division of Forestry/PBCFR
<b>Radiological Ingestion Pathway Zone</b>	FP&L
<b>Muck Fire Areas</b>	PBC ERM
<b>Transportation Areas</b>	PBC GIS
<b>Hurricane Peak Wind Potentials</b>	NWS/NHC
<b>Other Countywide Hazard Threats (Tornado, Extreme Temps, etc.)</b>	PBC GIS
<b>Agricultural Pests</b>	PBC ERM
<b>Tsunami Buffer</b>	Tsunami Society
<b>Sea Level Rise Possible Inundation</b>	Southeast Florida Regional Climate Change Compact

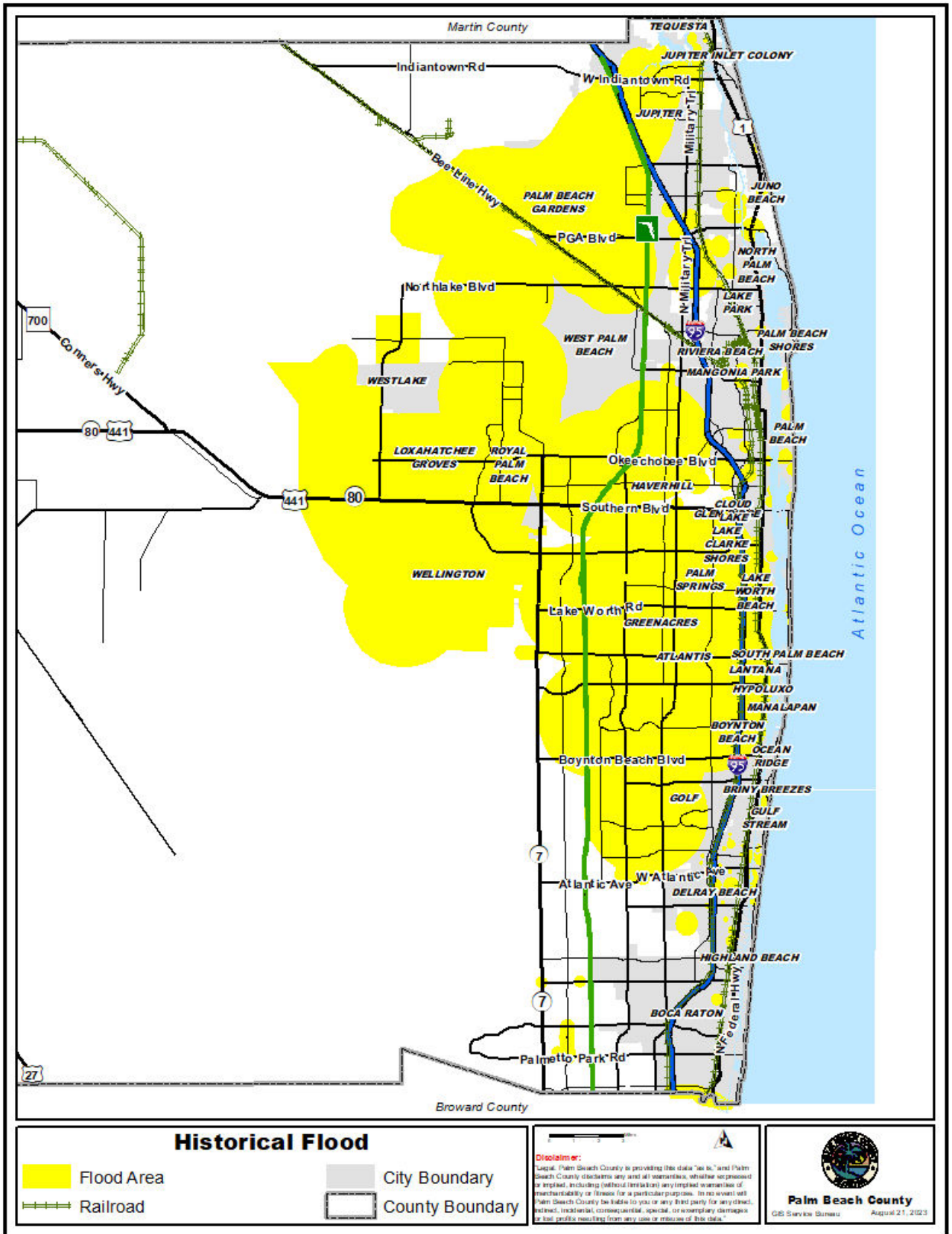


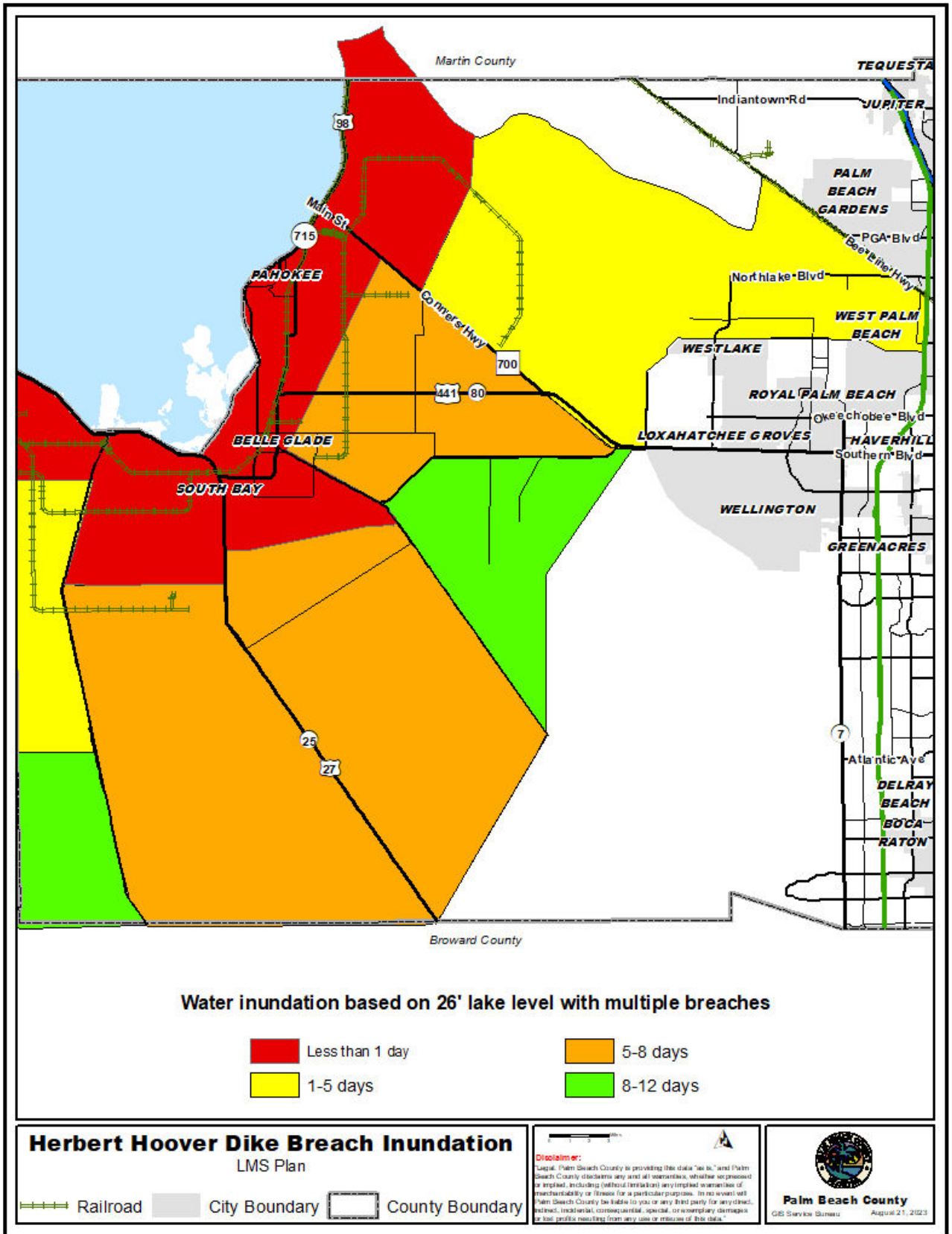




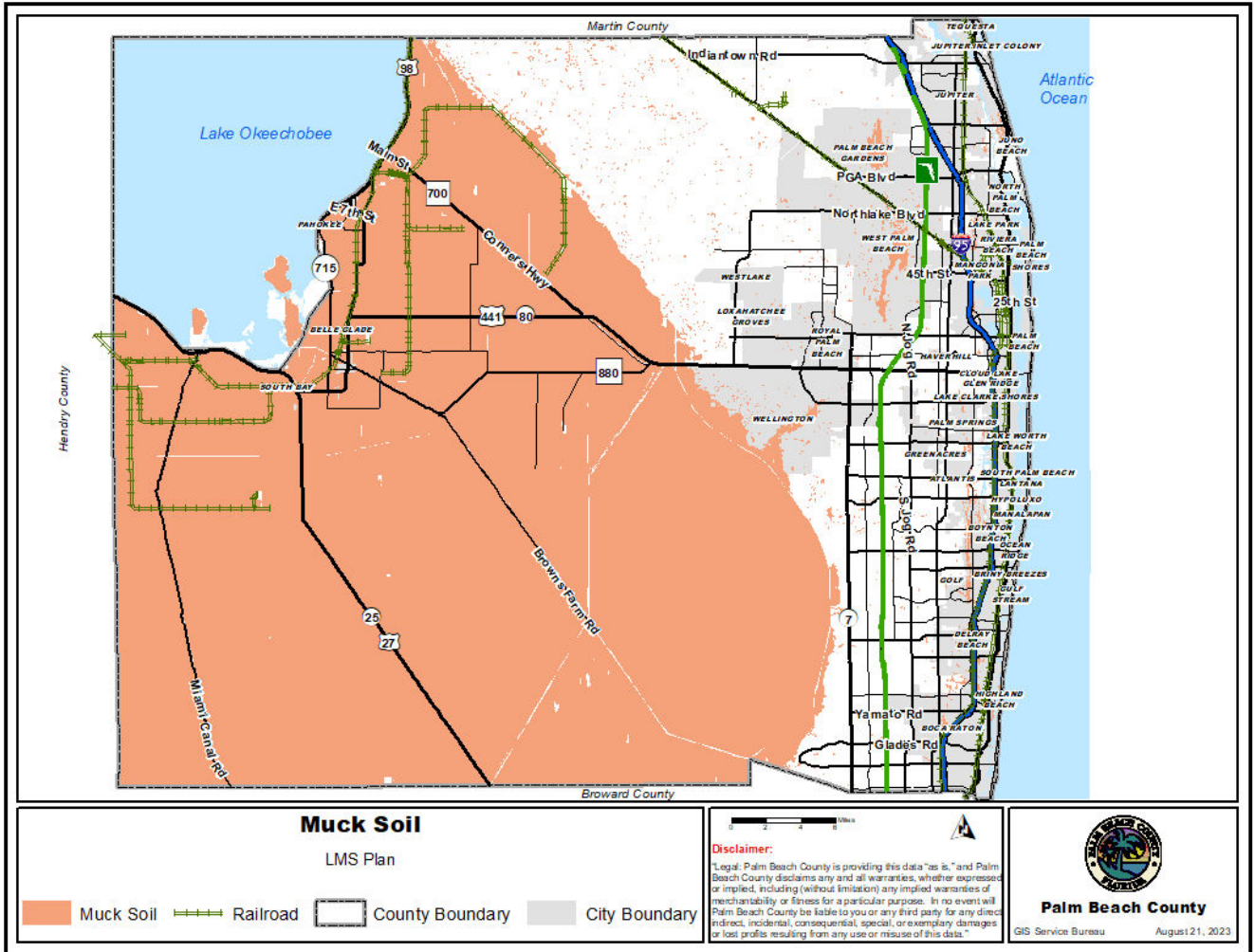




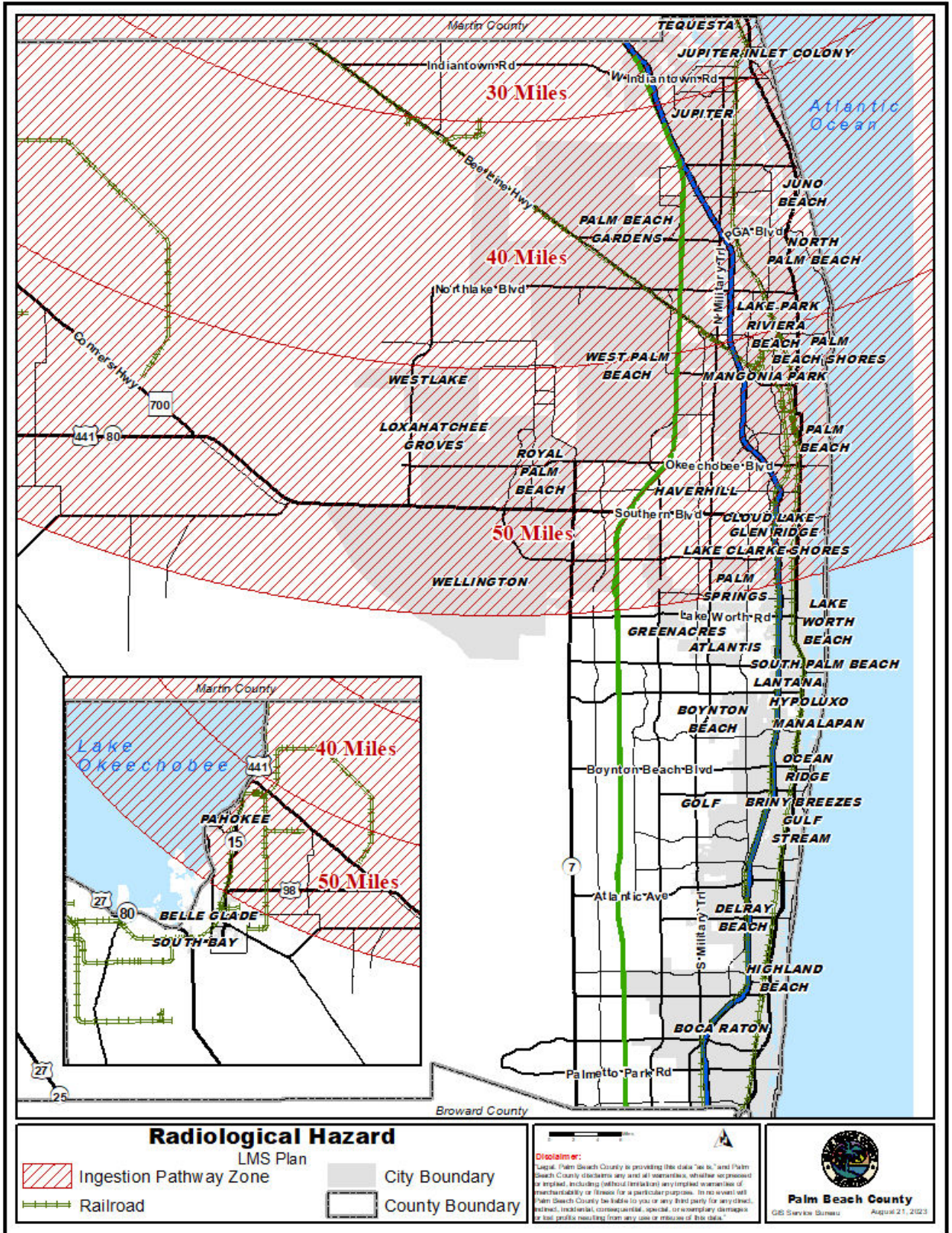




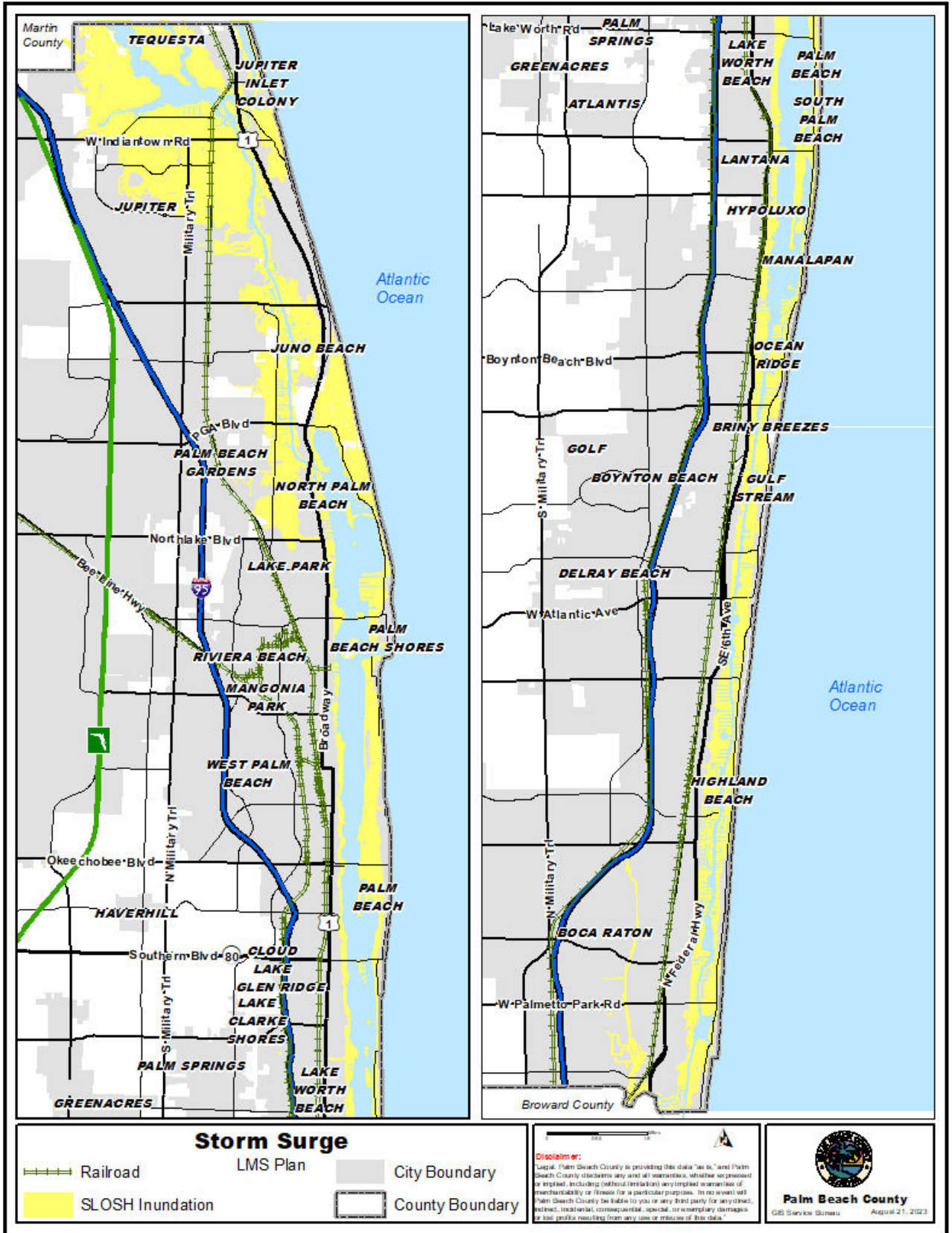


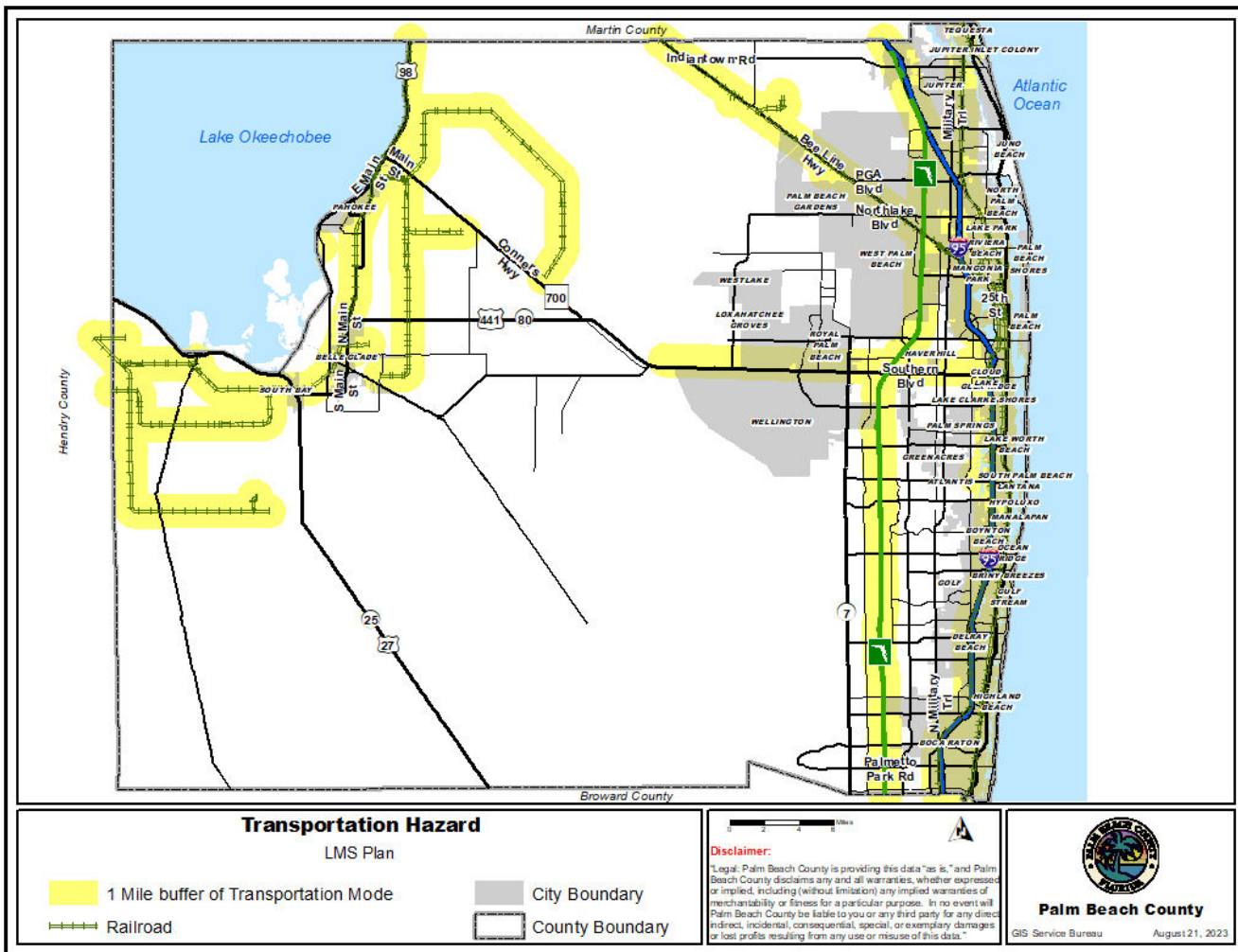


Final



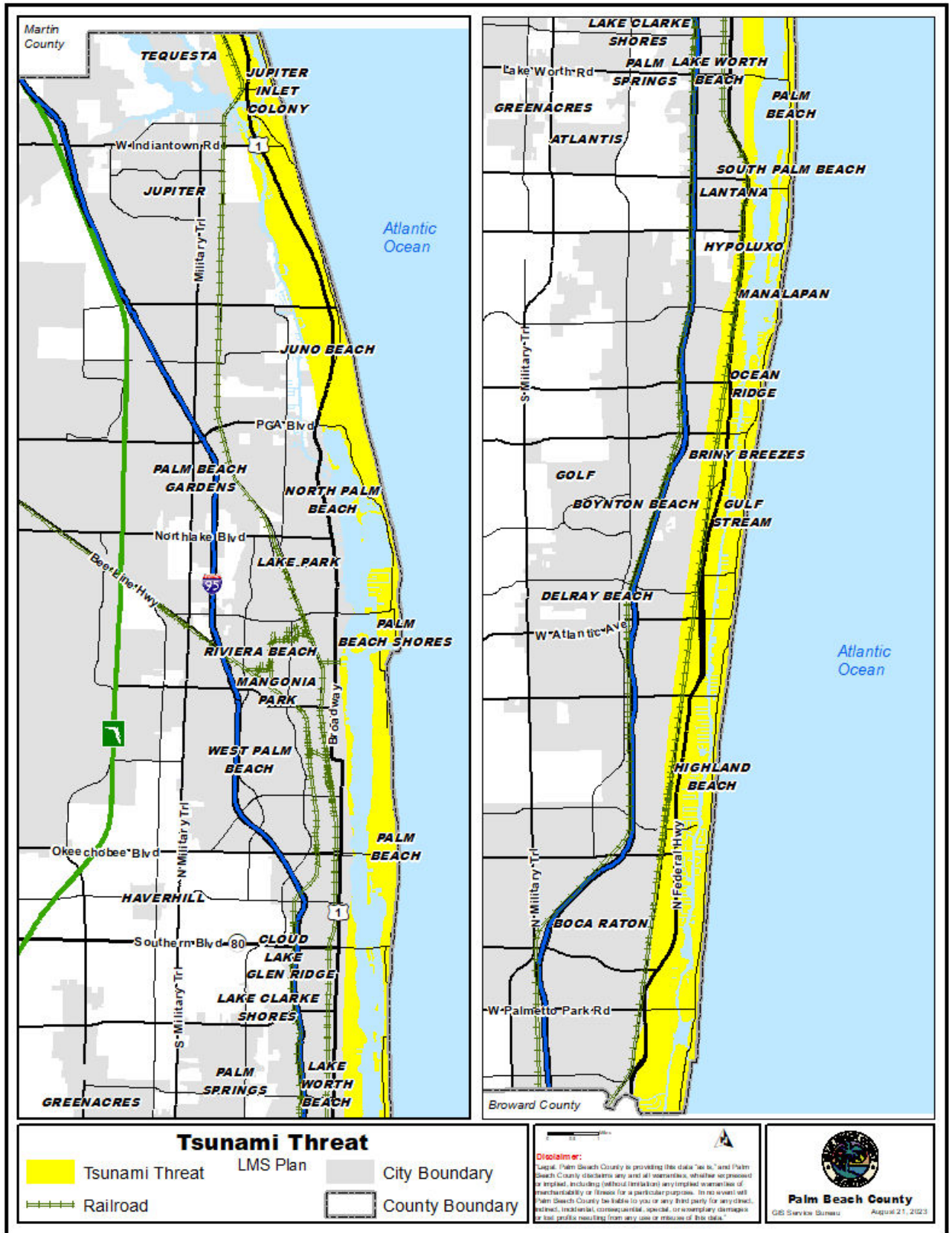


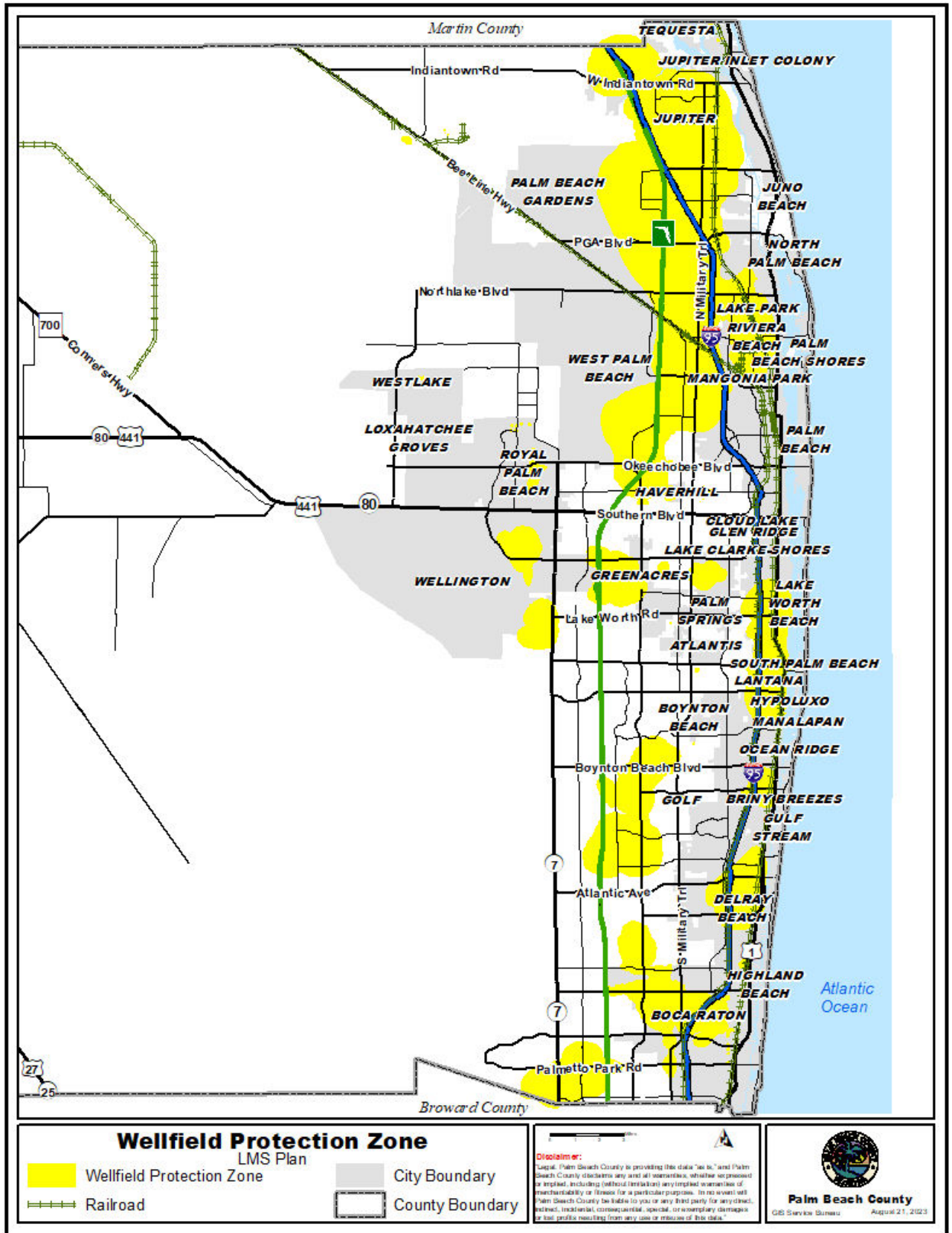


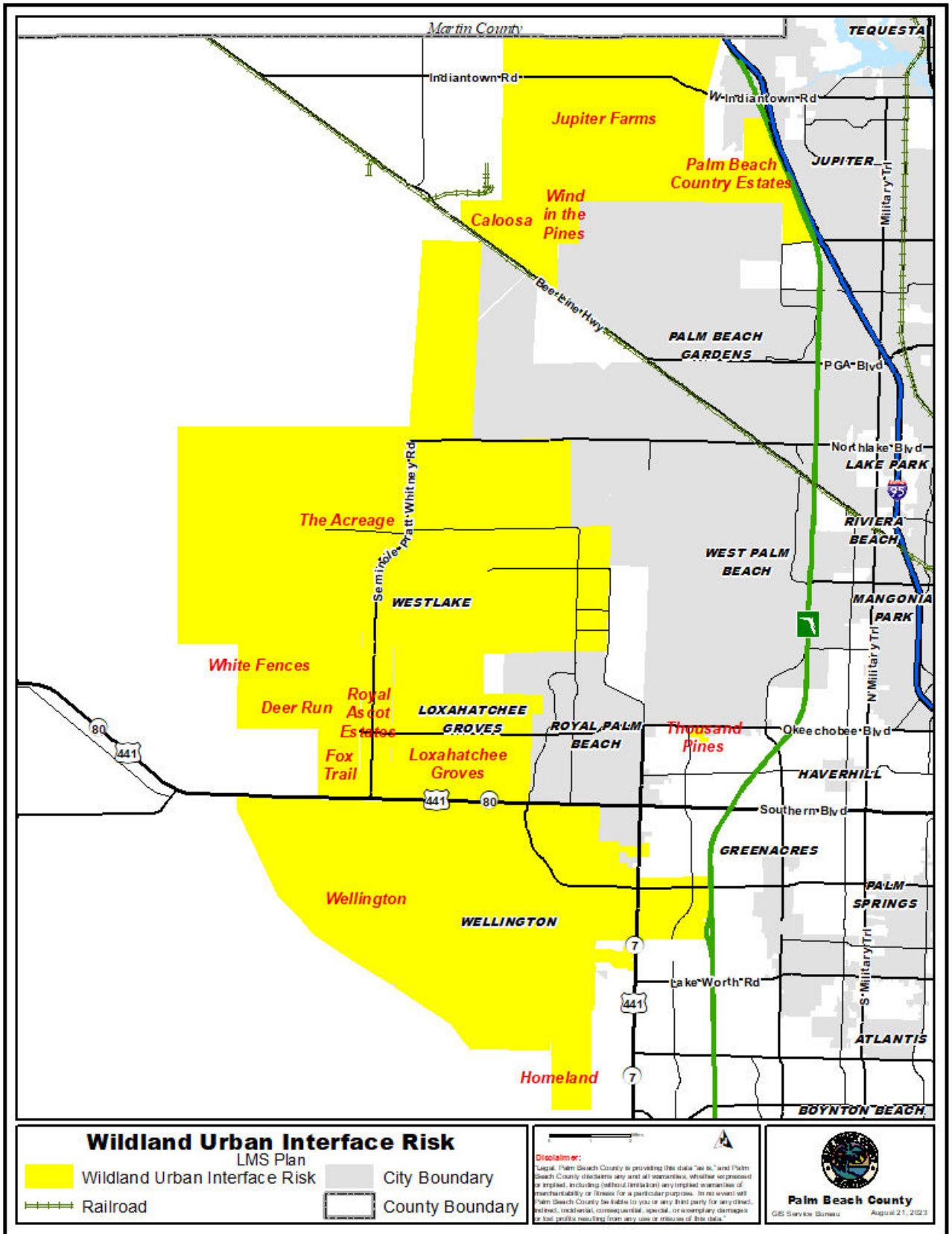


Final











2-Foot Sea Level Rise in Palm Beach County - Jupiter Area



Draft

2-Foot Sea Level Rise in Palm Beach County - Boca Raton Area



2-Foot Sea Level Rise in Palm Beach County - Boynton Beach Area

