

CRITICAL INFRASTRUCTURE FOR THE TENTATIVELY SELECTED PLAN (TSP)

County Boundary

Urban Development Boundary

Critical Infrastructure*

EOC Command Center

Hospital

County & Municipal Fire Station

County & Municipal Police Station

Pump Station

Structural Risk Management Areas

N

0

2

4

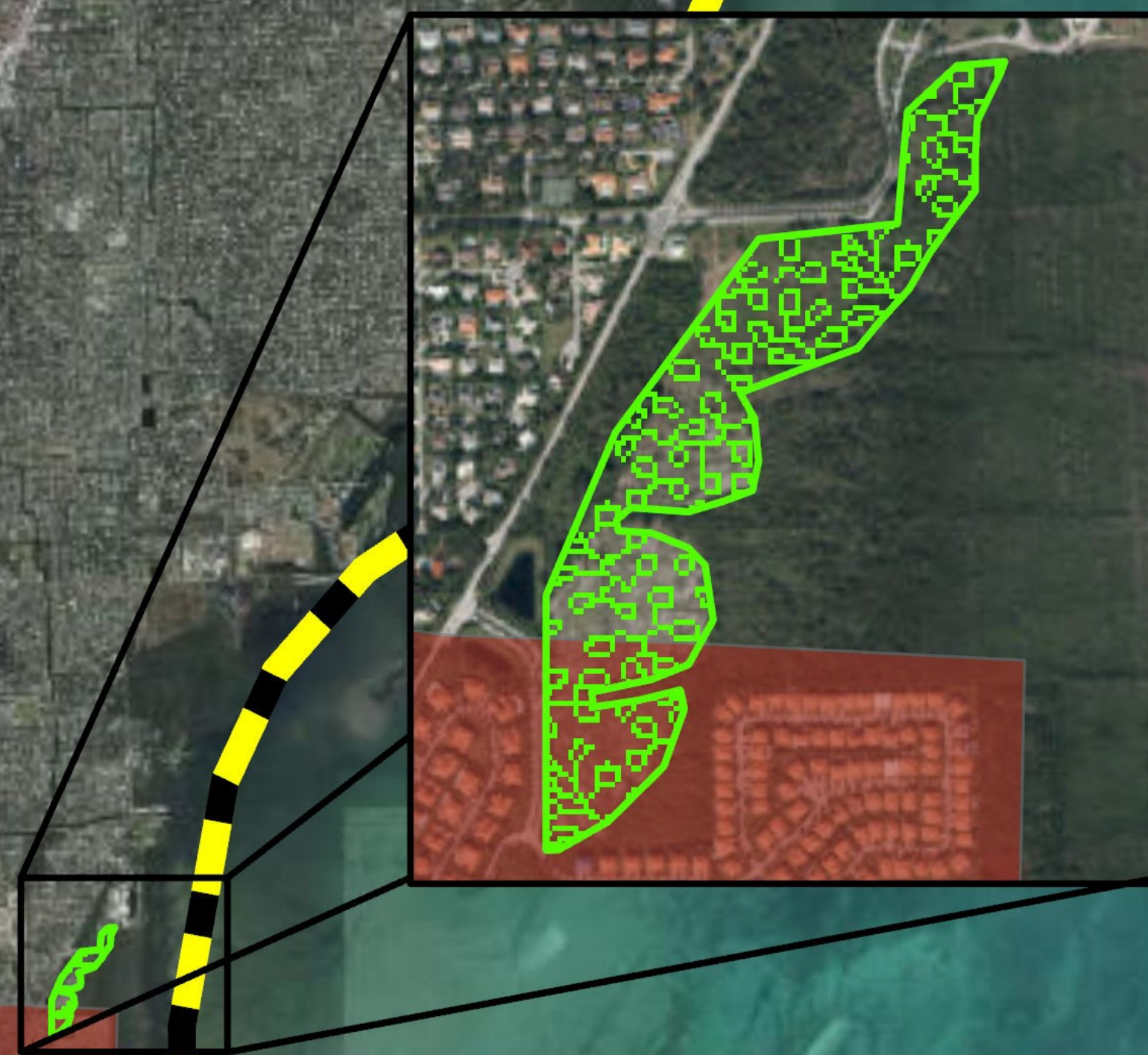
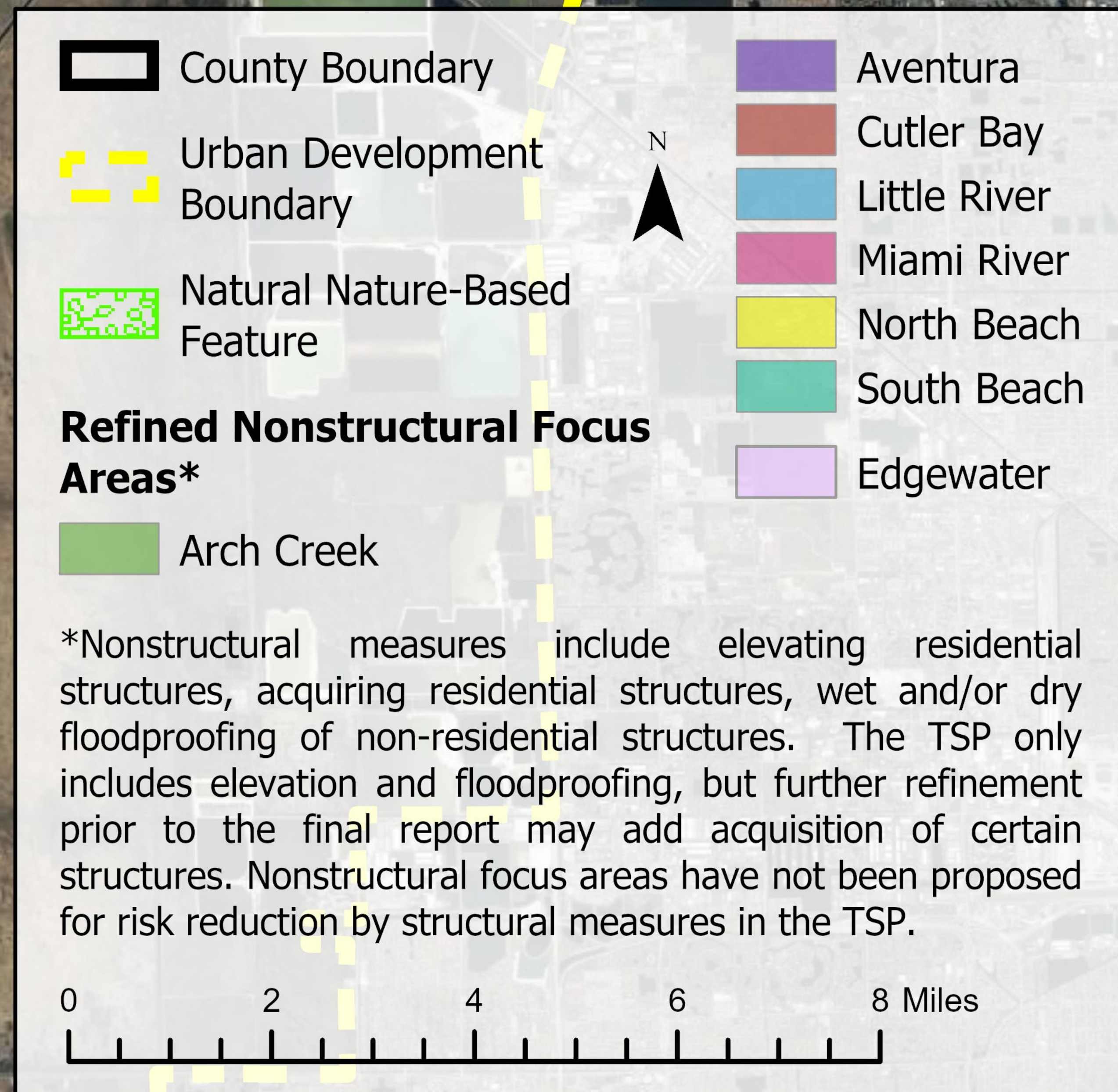
6

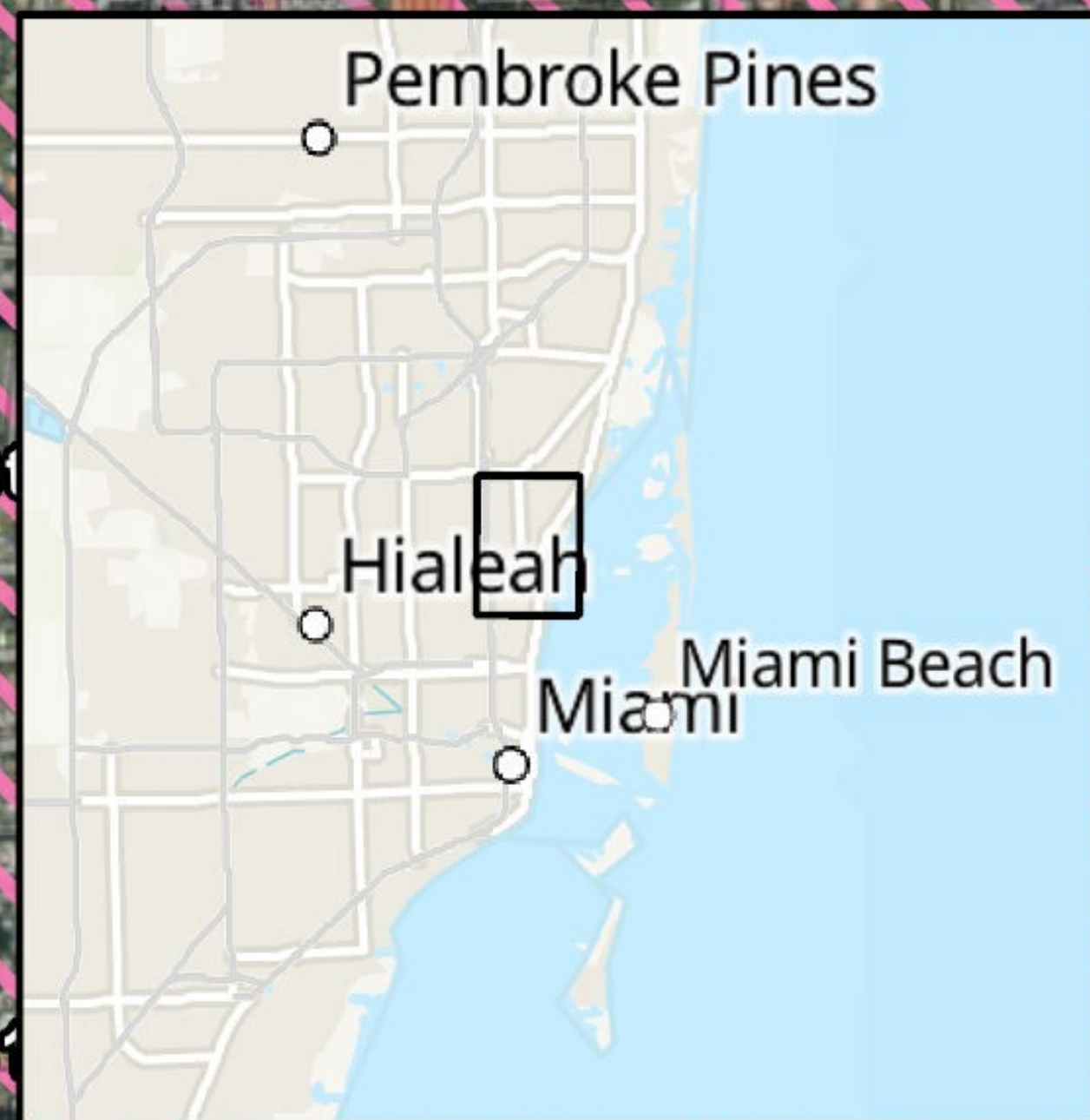
8 Miles

*Critical Infrastructure (CI) proposed for risk reduction by structural measures (represented by the Structural Risk Management Areas) in the TSP are not included for individual CI measures. CI includes evacuation shelters, erosion to Rickenbacker Causeway and Venetian Way, railway electrical substations, Ports facilities, water management facilities, and wastewater facilities which will be further analyzed and are not displayed on the map

Floodproofing is the recommended measure for critical infrastructure. It involves making an area watertight so that no water can enter the structure. This can be done with the use of waterproof coatings, impermeable membranes, sealants, shields/gates applied to doors and windows as well as many other methods. A sump pump can also be installed to help keep the area dry and prevent flooding.

REFINED NONSTRUCTURAL FOCUS AREAS FOR THE TENTATIVELY SELECTED PLAN (TSP)






 County Boundary

 Urban Development Boundary

Risk Management Areas

 Biscayne Canal

 Little River

Structural Measures*

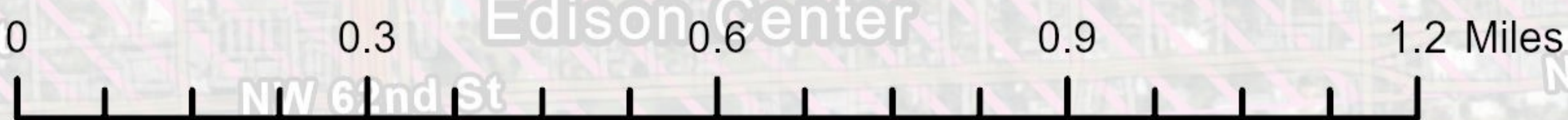
 Storm Surge Barrier

 Pump Station

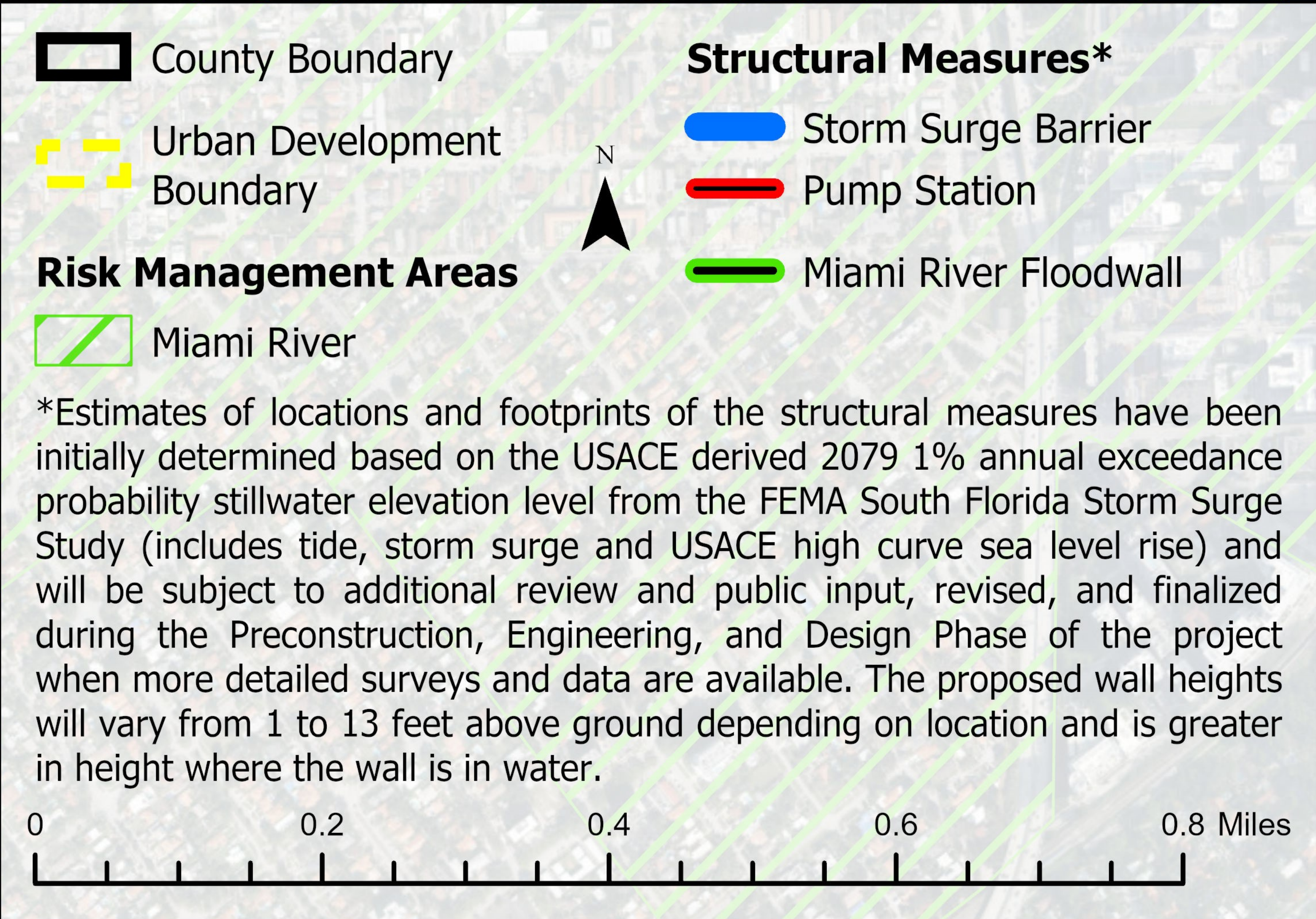
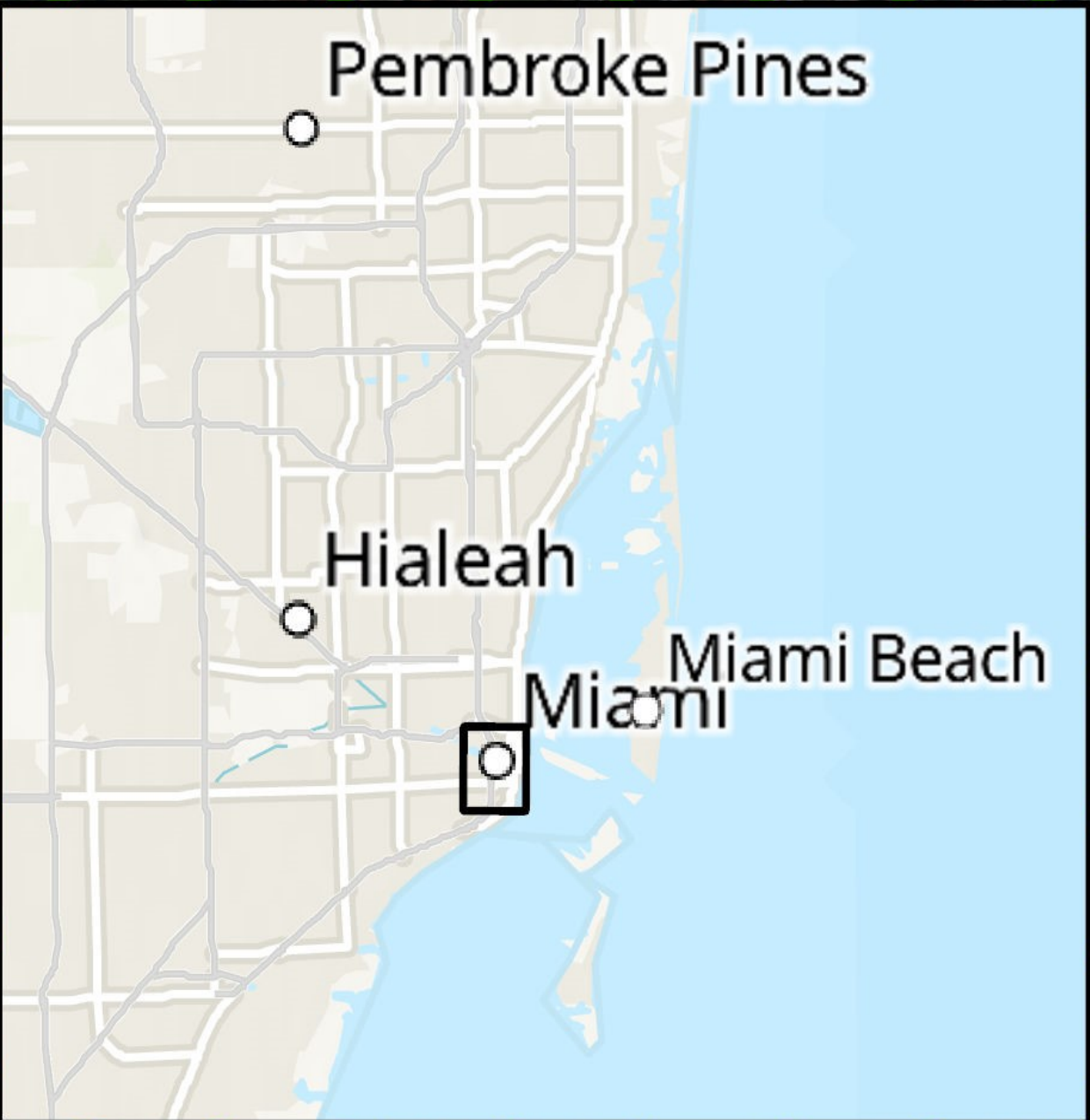
 Biscayne Canal Floodwall

 Little River Floodwall

*Estimates of locations and footprints of the structural measures have been initially determined based on the USACE derived 2079 1% annual exceedance probability stillwater elevation level from the FEMA South Florida Storm Surge Study (includes tide, storm surge and USACE high curve sea level rise) and will be subject to additional review and public input, revised, and finalized during the Preconstruction, Engineering, and Design Phase of the project when more detailed surveys and data are available. The proposed wall heights will vary from 1 to 13 feet above ground depending on location.



MIAMI RIVER PROPOSED STRUCTURAL ALIGNMENT FOR THE TENTATIVELY SELECTED PLAN (TSP)



TENTATIVELY SELECTED PLAN (TSP)

*Nonstructural measures include elevating residential structures, acquiring residential structures, wet and/or dry floodproofing of non-residential structures. The TSP only includes elevation and floodproofing, but further refinement prior to the final report may add acquisition of certain structures. These areas have not been proposed for risk reduction by structural measures in the TSP.

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