



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FY2018/19 Local Government Funding Request
Beach Projects Application**

PART I: GENERAL INFORMATION

Local Sponsor: Lee County

Local Sponsor Federal ID Number (FEID): 59-6000702

Contact Name: Steve Boutelle

Title: Operations Manager

Mailing Address Line 1: Natural Resources Division

Mailing Address Line 2: 1500 Monroe St

City: Fort Myers, FL

Zip: 33901

Telephone: 239-533-8128

Email Address: sboutelle@leegov.com

Additional Contact Information:

Mike Campbell, Marine Project Manager
239-533-8133
mncampbell@leegov.com

PART II: CERTIFICATION

I hereby certify that all information provided with this application is true and complete to the best of my knowledge.

Signature of Local Sponsor
(Electronic/scanned signature accepted)

Date

Printed Name

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PART III: EVALUATION CRITERIA

1. Project Name (as listed in the Strategic Beach Management Plan):

Lovers Key Restoration Project

2. Project Description: (Include county, location with reference to range monuments, brief project history and description of proposed activities.):

The non-federal Lovers Key Restoration Project (R214.5-R220.5) was constructed in October 2004. The 1.1 mile beach and dune restoration project was completed on Lovers Key State Park and consisted of placing approximately 570,240 cy of material was taken from a borrow site in Big Carlos Pass ebb shoal complex. Lee County is the local sponsor working in cooperation with FDEP's Division of Recreation and Parks. Nourishment was completed in December 2014 in conjunction with the Bonita Beach project to the south. The project placed approximately 342,350 cy of material on Lover's Key. In anticipation of permit modifications supporting future nourishment, additional sand sources need to be identified.

3. Use of Requested Program Funds:

Professional services to locate, characterize, and quantify sand sources compatible for future nourishment and modify the existing permit accordingly.

4. Mapping:

Prepare and attach a map or maps of the project area formatted at a minimum of 1" = 200' scale. (Maps must be provided as attachments to this application).

Map elements must include:

- Compass rose with North arrow, scale and legend.
- Project boundary showing length of critically eroded shoreline
- FDEP range monuments
- Beach access and parking locations (indicate Primary and Secondary accesses, including access widths)
- Width of access for public lodging establishments fronting the project shoreline (for commercial/recreational ranking points and eligibility determination)
- Width of access for public lodging establishments within one-quarter mile walking distance of a secondary public access point (must show length of street-side frontage for eligibility determination)
- Comprehensive plan or current land use designations of properties within the project shoreline (for commercial/recreational ranking points)
- Bus stops and bike rack locations within one-quarter mile walking distance of a secondary public access point (if claiming for eligibility determination)

5. Length of Project Boundary in Feet (Total restored project length in the critically eroded area): **5900'**

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6. Eligibility: Public Beach Access and Public Lodging Establishments:

- The eligibility table must be completed for all beach projects. The table can be copied from a current grant agreement if the public access locations have not changed since last agreement execution.
- For Location/Name, use the official name of the park or the name of the street end that is associated with the public access.
- For R-Mon, select a DEP Range Monument that is closest to the main public access point.
- For Type of Access, indicate “Primary” or “Secondary” beach access in accordance with the definitions given in Rule 62B-36 F.A.C.
- For Width of Access/Frontage, give the length of the legal boundary (in feet) of the public access location along the beach. For public lodging establishments that are not located on the beach, indicate the street-side length of the legal property boundary (in feet) that is used as the main access to the establishment.
- For the Total Public Units in a public lodging establishment, write in the number of rooms available for use by the public divided by the total number of rooms in the establishment. For Parking Spaces, give the total number of public parking spaces that are available for use at the public access location. See Rule 62B-36 F.A.C. for additional details.
- For Additional Width from Eligibility Units, give the total distance added to the shoreline width of a public access location. If there are various kinds of eligibility units used for this calculation, provide the names of the eligibility units and show the calculation on a separate page or below the table.
- For Eligible Shoreline, calculate the sum of the distances for Width of Access and the Additional Width from Eligibility Units columns.
- For the DBPR License, provide the website link to the Department of Business and Professional Regulation (DBPR) proof of licensure documentation for any public lodging establishments used for eligibility or Commercial/Recreational designation.
- Check the DBPR link from last year to verify that it is current.

Location/Name	R- Mon	Type of Access	Width of Access/ Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility Units	Eligible Shoreline (feet)	DBPR License
Lovers Key State Park	R214.5 - R220.5	Primary	5900'	535		5900	
Total						5900	

(Expand table as needed)

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7. Schedule and Budget:

(Include estimated phases for 10 years and estimated project costs for 5 years.)

Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
2018/ 2019	Design	Comprehensive sand search	\$520,000	0	\$260,000	\$260,000
		Permit mod				
2019/ 2020						
2020/ 2021						
2021/ 2022						
2022/ 2023						
2023/ 2024	Construction	Nourishment				
2024/ 2025	Monitoring					
2025/ 2026	Monitoring					
2026/ 2027	Monitoring					
2027/ 2028						

(Expand table as needed)

8. Severity of erosion: Criterion will be calculated by the Department.

Additional information may be provided for consideration.

9. Threat to Upland Structures: Criterion will be calculated by the Department.

Additional information may be provided for consideration.

10. Recreational and Economic Benefit:

Provide the percentage of linear footage of properties within the project boundaries zoned commercial, recreational or Public Lodging Establishment (hotel, motel or vacation rental condo) as zoned in current local government land use maps.

100% recreational

11. Availability of Federal Funds:

Is the project Federally authorized by WRDA (Y/N)? **NO**

AUTHORIZATION DATE: EXPIRATION DATE:

Does the project have a Project Cooperative Agreement or other Federal funding agreement (Y/N)? **NO**

If so, attach a copy of the document.

What is the federal cost share percentage provided for this project? **N/A**

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Is this project funded through FEMA for storm repairs (Y/N)? **NO**
If so, attach a copy of the signed Project Worksheet.

12. Local Sponsor Financial and Administrative Commitment:

Is funding for the project in the local sponsor's 10-year comprehensive financial plan (Y/N)?
Attach a copy or provide web link to the plan.

Yes. Reserves are available for implementation upon project award. See page 64, Natural Resources section of the following:
<https://www.leegov.com/budget/Documents/Annual%20Budgets/Budget%20Book%20Archive/FY%202016-2017%20Annual%20Operating%20Budget.pdf>

Is funding provided through a source established by referendum (Y/N)?
Attach a copy or provide web link to the referendum.

Yes. Funding is dedicated by Ordinance 13-14, Section 6A1c.
<https://www.leegov.com/bocc/Ordinances/13-14.pdf>

Is funding provided by a third party other than the federal government (Y/N)? **NO**
What is the percentage of total project costs provided by the third party? **N/A**
Attach a copy of the interlocal agreement or cost sharing agreement.

Quarterly Report Compliance – For projects that are currently funded through the program or have historically been funded, the Local Sponsor may give the dates quarterly progress reports were submitted within the last fiscal year per terms of the agreement (for consideration of additional ranking points):

Quarter	Due Date	Report Remit	Compliant (yes/no)
July-September	October 30	10/28/16	Yes
October-December	January 31	1/27/17	Yes
January-March	April 30	4/26/17	Yes
March-June	July 31	7/6/17	Yes

Is there an active state permit for the project (Y/N)? **YES** Permit #: 0311811-001-JC
AUTHORIZATION DATE: June 24, 2013 EXPIRATION DATE: June 24, 2028

Is there an active federal permit for the project (Y/N)? **YES** Permit #: SAJ-2012-00198(IP-MJD)
AUTHORIZATION DATE: September 3, 2013 EXPIRATION DATE: September 3, 2028

Have local funds been secured for the project (Y/N)? **YES**
Explain: See budget link above.

Has a copy of the resolution been drafted and attached to this application (Y/N)? **YES**
In order to acquire state funding, the Local Sponsor must provide a resolution from the governing board which declares:

- Support from the Local Sponsor for the project
 - Willingness to serve as the Local Sponsor
 - Ability to provide the full local cost share
 - Identification of the source of funding
-

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A draft resolution must be provided with the application. The signed resolution must be received by September 30.

13. Previous State Commitment:

Has the Department previously reviewed, approved and cost-shared on a feasibility or design phase for this project (Y/N)? **YES**

Provide previous phase and state cost share percentage:

Design	50%	
Construction	88.24%	
Monitoring	50%	(per FDEP Agreement 10LE1)

Will this project enhance or increase the longevity of a previously-constructed project (Y/N)? **NO**
Explain:

Will this project nourish a previously restored shoreline (Y/N)? (Full beach nourishment only. Dune maintenance projects do not apply) **YES** - sand for next nourishment

Has a previously approved appropriation for this project phase been released in its entirety by the local sponsor due to delays in the project timelines (Y/N)? **NO**

14. Project Performance:

What is the nourishment interval (in years)? **10 Years (2004; 2014)**

15. Mitigation of Inlet Effects: Criterion is calculated by the Department.

Additional information may be provided for consideration.

16. Use of Innovative Applications of existing technologies:

Does the project address erosion in a method that is economically competitive with nourishment, that will not adversely affect the conservation of fish and wildlife, including endangered or threatened species, or their habitats, and that is designed to demonstrate an innovative application of existing technologies (Y/N)? **NO**

Explain:

Has the project been documented to be effective and demonstrated technologies previously untried in the state (Y/N)? **NO**

Explain:

17. Regionalization:

Is this project being planned or constructed in cooperation with another local government to reduce contracting costs (Y/N)? **NO**

Explain and attach a signed copy of the interlocal agreement.

18. Significance:

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What is the volume of advanced nourishment lost since the last sand placement event of a beach restoration or nourishment project as measured landward of the Mean High Water Line?
(Information should be consistent with annual post-construction monitoring reports)

50,500 cubic yards eroded between the 2015 post-construction and 2016 monitoring surveys

Has the project eroded into the design template? **Not as of June 2016; 2017 survey pending**
If so, provide the eroded segments by listing the R-monuments.

For construction projects, what is the proposed sand placement volume? **N/A**

RESOLUTION NO. _____

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF LEE COUNTY, FLORIDA, APPROVING AND SUPPORTING THE PROPOSED ACTIVITIES AS OUTLINED IN THE 2018/19 LOCAL GOVERNMENT FUNDING REQUEST TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND AFFIRMING THE COUNTY'S COMMITMENT TO PROVIDE LOCAL FUNDING

WHEREAS, beaches provide vital economic, recreational, storm damage reduction, and environmental benefits, and

WHEREAS, Lee County has supported previous federal, state and local initiatives in correcting beach erosion problems throughout the County, and

WHEREAS, Lee County prepared and submitted a Long Range Beach Erosion Control Budget Plan (Budget Plan) in March 1997, and has annually submitted updated information in accordance with guidelines developed by the Florida Department of Environmental Protection, and

WHEREAS, Lee County seeks to update the Budget Plan for the next Florida Department of Environmental Protection Fixed Capital Outlay Legislative Budget Request, and

WHEREAS, Lee County supports the Florida Department of Environmental Protection's beach and coastal management programs in accordance with Section 161.101 and 161.161, Florida Statutes, and

WHEREAS, Lee County supports all components of the Budget Plan consistent with the Lee County Comprehensive Plan and agrees to fund the local government share of all County beach and inlet projects approved for funding by the Florida Legislature in Fiscal Year 2018-2019 through the existing dedicated bed tax revenues, special taxing units, or other funding resources as applicable, and

WHEREAS, Lee County agrees to serve as the local sponsor for all County projects identified in the Budget Plan.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners, Lee County, Florida, that:

Section 1. Lee County is requesting state funding and providing its support for the Lovers Key, Estero Bay Regional Inlets, and Blind Pass / Northern Sanibel Projects and affirms its ability to provide the local match as necessary to implement state-funded beach and inlet projects as requested.

Section 2. , An Assistant County Manager of the Lee County Board of County Commissioners is hereby authorized to execute change orders and amendments that do not result in a change to the local cost share percentage or total state funding amount for existing and future grant agreements as approved by the Florida Department of Environmental Protection and Lee County Board of County

Commissioners under the State of Florida Beach Management Funding Assistance Program.

Commissioner _____ made the motion to adopt the foregoing resolution, seconded by Commissioner _____. The vote was as follows:

John Manning	_____
Cecil L Pendergrass	_____
Larry Kiker	_____
Brian Hamman	_____
Frank Mann	_____

DULY PASSED AND ADOPTED this ___ day of _____, 2017.

ATTEST:
LINDA DOGGETT, CLERK

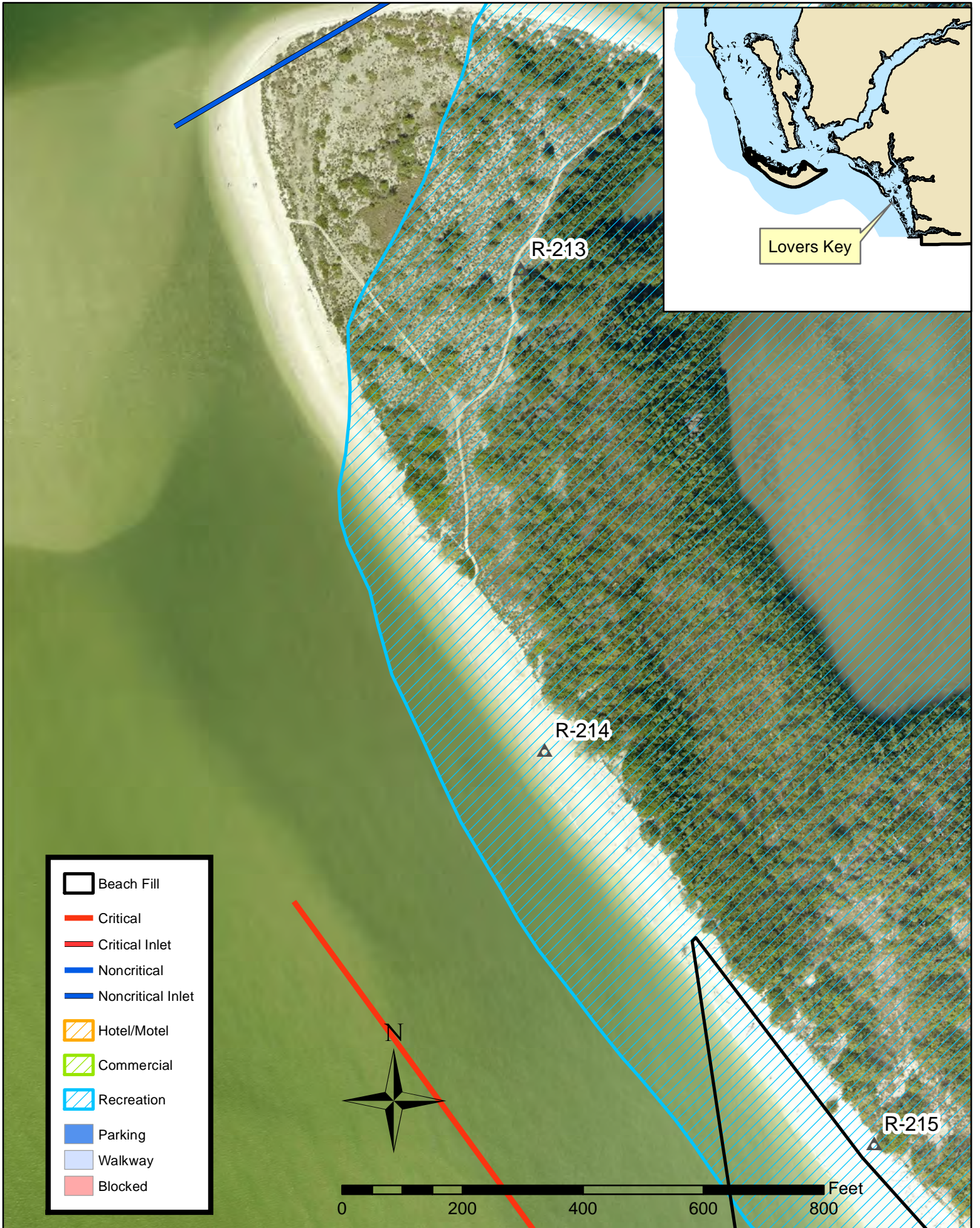
BOARD OF COUNTY COMMISSIONERS
LEE COUNTY,

BY: _____

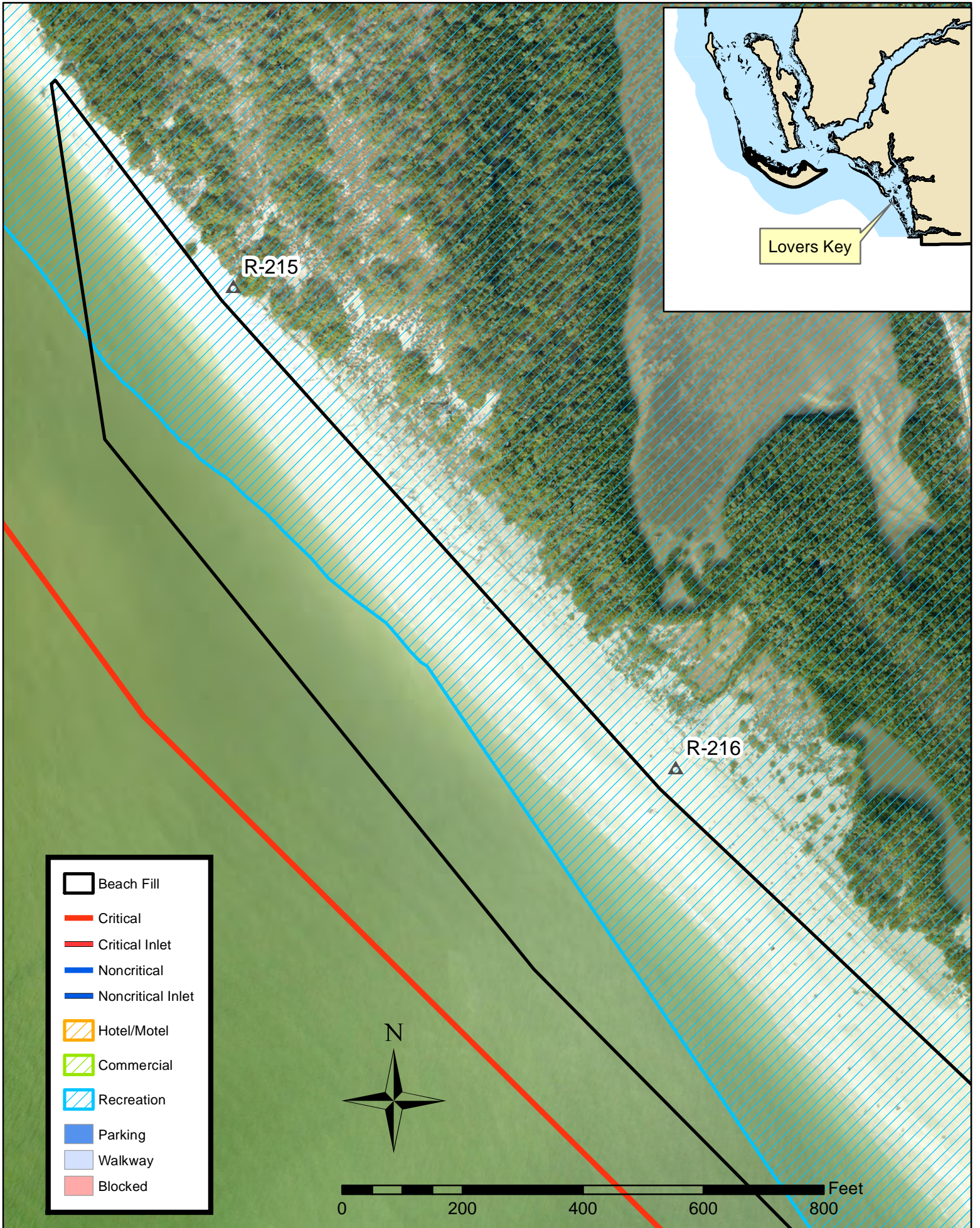
APPROVED AS TO FORM FOR THE
RELIANCE OF LEE COUNTY ONLY

BY: _____
Office of the County Attorney

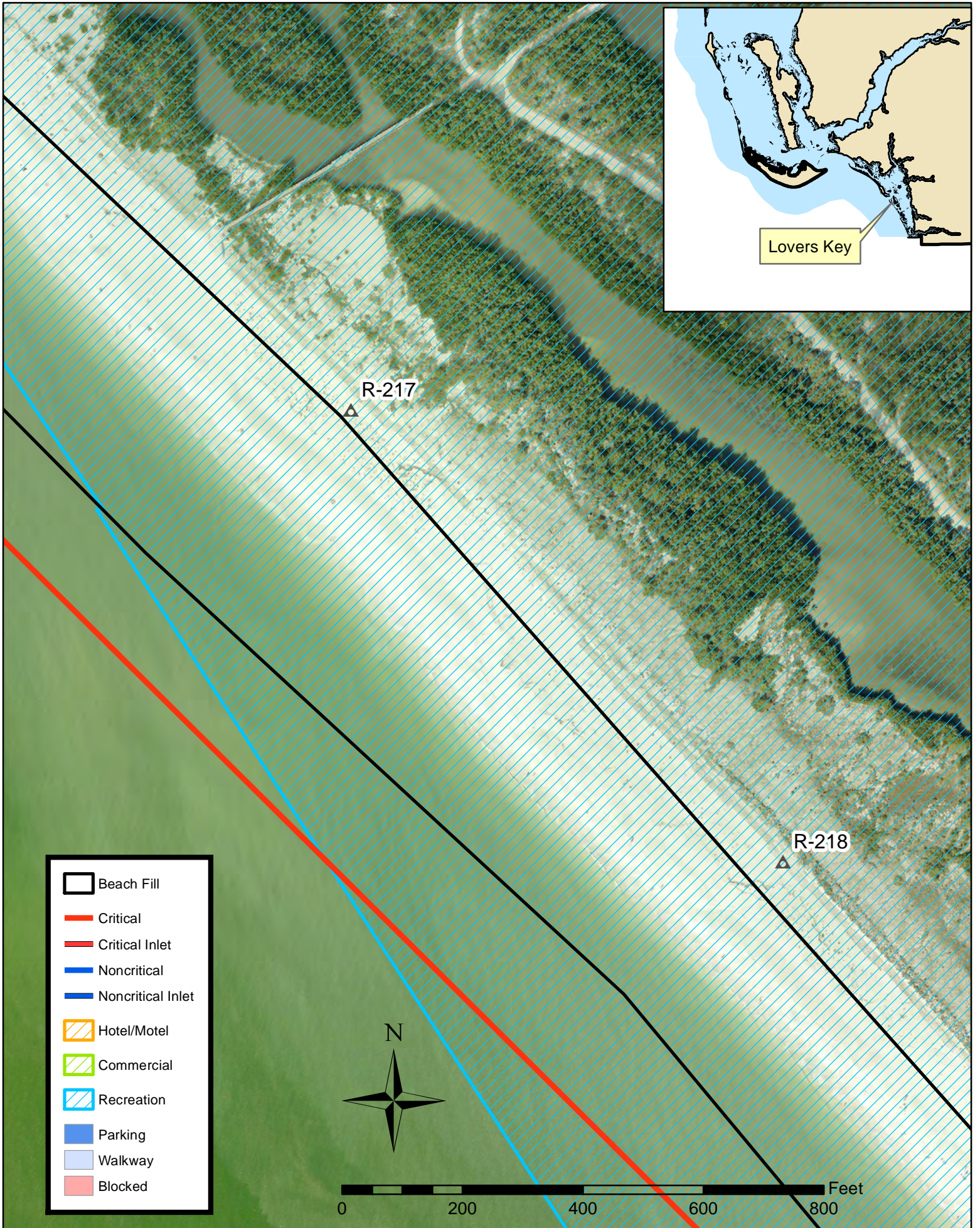
Lovers Key, Lee County



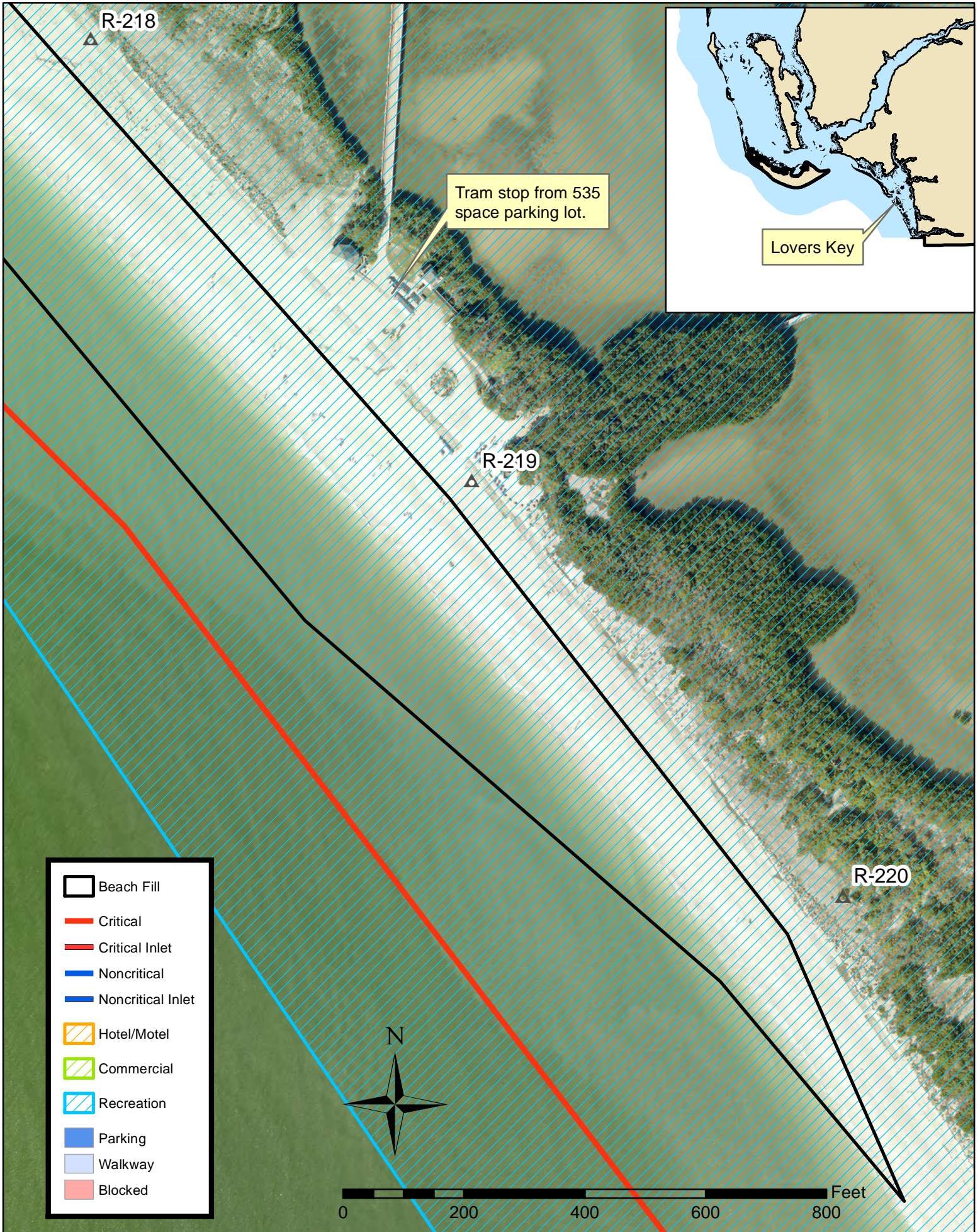
Lovers Key, Lee County



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