Board of County Commissioners • Escambia County, Florida

J. Taylor "Chips" Kirschenfeld, Director

Natural Resources Management Department

Beach Mouse Authorization for Perdido Key Multi-Use Path (West)

Components

1. Land and Tree Management Permit (Beach Mouse)
2. Receipt of Mitigation Payment
3. Property Appraiser Legal Description – N/A, State ROW
4. Authorization of Coverage Under the County Habitat Conservation Plan and Incidental Take Permit #TE46592A-0 (8 pages)
5. Beach Mouse Habitat Overall
6. Map of Designated Critical Habitat 2012
7. Perdido Key Beach Mouse Habitat Assessment
8. Mitigation Site

my escambia

Development Services Department, 3363 West Park Place, Pensacola, Florida 32505 (phone) 850-595-3475 (fax) 850-595-3703

PERMIT WILL EXPIRE ONE YEAR AFTER DATE OF ISSUE

LAND AND TREE MANAGEMENT PERMIT

Activities Covered Under Permit: Activities such as clearing, cutting, *excavating, *filling, protected tree removal, grading of land, or any other activity that alters land topography or vegetative cover is covered under this permit, where noted, provided such land disturbing activities do not result in adverse impacts to adjoining properties, waterbodies, watercourses, wetlands, environmentally sensitive lands, adjacent roadways or drainage systems, etc. Construction of infrastructure or addition of impervious area is **not** covered under this permit.

PERMIT # 1903818 PLM DATE ISSUED: 24 Sep 2019

☐ LAND DISTURBING ☐ TREE ☐ BARRIER ISLAND SAND ■ BEACH MOUSE

OWNER/AGENT FDOT District 3/ Joy Swanson Pleas, Environmental Manager PHONE # 1-850-330-1505

OWNER'S ADDRESS PO BOX 607 Chipley, Florida 32428 FAX # 850-330-1486

PROJECT NAME SR 292 Perdido Key Dr. Bike Path ZONING

SITE ADDRESS(S) SR 292 from AL state line to west of state park boundary ACREAGE 2.78

PROPERTY REFERENCE #(s) FDOT R/W ACREAGE TO BE DISTURBED 2.78

AMOUNT OF FILL MATERIAL(s)_____ SOURCE OF FILL MATERIAL(s)_____

Note, a separate Barrier Island Sand Evaluation &/or "prohibited material" removal Permit may also be required per current Escambia County Land Development Code requirements.

DESCRIBE **ALL** ACTIVITIES PROPOSED (land disturbance & protected tree removal locations shown on site map) The project includes the construction of a 1.96 mile 8 foot wide bike path within Perdido Key beach mouse critical habitat along the north side of SR 292 from the AL state line to west of the state park boundary.

NUMBER of PROTECTED TREES PROPOSED for REMOVAL _____ FEES (office use only)_____

Land Disturbing: $216.75, Trees: 2 trees @ $105 + $25 each additional tree, Sand Placement: $55, Beach Mouse: $216.75

☑ APPROVED ☐ DENIED _____ DATE 24 Sep 2019

Timothy R Day, Environmental Programs Manager

COMMENTS SEE ATTACHED Authorization of Coverage AND HABITAT Assessment / mitigation plan

Responsibility of Owner/Agent: If necessary the owner/applicant shall incorporate measures to prevent erosion, sedimentation and/or flooding which may result from land disturbance activities. Silt fences, temporary sediment traps, temporary holding ponds, stabilization of disturbed areas with grass may be required to control erosion, sedimentation and/or flooding. The undersigned is fully aware of these responsibilities and will comply with these requirements. ****The Owner/Agent shall have a copy of the approved permit on the job site at all times.****

The undersigned agrees to grant permission for authorized Escambia County personnel to conduct all necessary site inspections associated with this permit.

SIGNATURE OF OWNER/AGENT* Joey N. Walker DATE 3/13/19

*A signed letter authorizing agent to act on the property owner's behalf will be required prior to processing.

Disclaimer: Escambia County shall not be held responsible for any losses or damages in the event that activities covered under this permit negatively impact adjacent properties, waterbodies, watercourses, wetlands, environmentally sensitive lands, adjacent roadways or drainage systems, etc.

Development Services Department, 3363 West Park Place, Pensacola, Florida 32505 (phone) 850-595-3475 (fax) 850-595-3703

MITIGATION PLAN
FOR ENDAGNERED SPECIES ON PERDIDO KEY

PROJECT NAME SR 292 Bike Path ZONING

OWNER/AGENT FDOT/HDR-Josey Walker PERMIT # Acreage

SITE ADDRESS FDOT R/W PROPERTY REFERENCE #

SITE DESCRIPTION (ANSWERS IN ACRES)

PARCEL SIZE (ACRES) HCP HABITAT

BEACH MOUSE PERMANENT IMPACT 0.75 SUITABLE HABITAT

BEACH MOUSE TEMPORARY IMPACT TOTAL HABITAT

BEACH MOUSE RESTORATION 2.03 BEACH MOUSE CONSERVATION

See attached PKBM Habitat Assessment for Impact and Mitigation details

AVOIDANCE PERCENTAGE (TOTAL HABITAT – IMPACT HABITAT)/TOTAL HABITAT=

REQUIRED SUPPLEMENTAL INFORMATION

- ☐ DISCUSSION OF AVOIDANCE AND MINIMIZATION OF BEACH MOUSE HABITAT IMPACTS
- ☐ HABITAT MANAGEMENT PLAN (INCLUDING POST-CONSTRUCTION AND POST-NATURAL DISASTER ACTIONS)
- ☐ LETTER ACCEPTING CONSERVATION MEASURES TO IMPLEMENT CONSERVATION MEASURES FOR LISTED SPECIES ON PERDIDO KEY (SUPPLIED BY COUNTY)
- ☐ CONSERVATION EASEMENT FOR REMAINING HABITAT (TEMPLATE BY COUNTY)
- ☐ CURRENT SITE PHOTOGRAPHS
- ☐ DUNE RESTORATION PLAN

MITIGATION FEES

BEACH MOUSE IMPACT FEE (PERMANENT IMPACT X $100,000) N/A

BEACH MOUSE ANNUAL ASSESSMENT (CHECK APPROPRIATE BOXES):

- ☐ $201 PER RESIDENTAL UNIT PER YEAR
  - NUMBER OF RESIDENTIAL UNITS N/A
- ☐ $201 PER HOTEL UNIT PER YEAR
  - NUMBER OF HOTEL UNITS N/A
- ☐ $201 PER COMMERCIAL PARKING SPACE PER YEAR
  - NUMBER OF COMMERCIAL PARKING SPACES N/A
- TOTAL ANNUAL ASSESSMENT
  (RESIDENTIAL UNITS + HOTEL UNITS + COMMERCIAL PARKING SPACES) X $201= N/A

Recommendation ☐ Approve ☐ Deny Date: 24 Sep 2019

Reviewer:

SIGNATURE OF OWNER/AGNT Josey W. Walker DATE 3/13/19

Escambia County, Florida - Permit Invoice

3363 West Park Place
Pensacola, FL 32505
(850) 595-0149

Wednesday, March 13, 2019

Invoice for Permit Number 1903818PLM
N/A

FL

2 Convenient Payment Options Available

Pay Online with your Visa, Mastercard or via ACH (Direct Debit from Checking Account) through the MyGovernmentOnline.org portal:
Go to **www.mygovernmentonline.org** and login with your user account. Click on the "**Account**" button at the top right section of the page. Scroll down to the "**My Permits**" section. Locate the permit number you wish to pay and click on "**View Permit**". Click on the "**Payments**" tab. Click on the "**Pay Online**" button near the bottom of the page to pay the balance with your Visa or MasterCard. Once you have completed processing your payment please allow the permit review staff sufficient time to review your project and follow-up with you.

Pay In-Person (Cash or Check):
Escambia County, Florida
3363 West Park Place
Pensacola, FL 32505

Fee Type	Amount Due	Amount Paid
Beach Mouse	$211.75	$0.00
DSD Construction Technology Fee	$5.00	$0.00
	$216.75	**$0.00**

Balance to Pay: 216.75

Escambia County
Planning and Zoning Payment Receipt

3/13/2019

1903818PLM **Ref: 3712851**

FL

Paid By:
N/A

,

Payment Description:
Alicia Stephens

Payments

Payment ID	Received Date	Payment Type	Reference Num	Fee	Amount
2657679	3/13/2019	Credit Card	1903818plm	Beach Mouse	$211.75
				DSD Construction Technology Fee	$5.00
				3% Credit/Debit Card Processing Fee (New Percentage Method)	$6.50
					$223.25
Total					**$223.25**

THIS IS NOT A PERMIT. This receipt does not authorize you to begin construction on your project.

Board of County Commissioners • Escambia County, Florida

J. Taylor "Chips" Kirschenfeld, Director
Natural Resources Management Department

Authorization of Coverage Under the Escambia County Programmatic Habitat Conservation Plan and Incidental Take Permit #TE46592A-0

Total Pages (including Appendix A and B): 8

1. Permittee: Florida Department of Transportation (FDOT), District 3
   1074 Highway 90
   Chipley, Florida 32428

2. Project Address: Perdido Key Drive ROW

3. Property Reference Number: N/A

4. Zoning: N/A

5. Impact Acreage: 0.75

6. Preservation Acreage: 0

7. Restoration: 2.03

8. Use: Multi-Use Path

9. County Permit Number: PLM 1903818

10. Voluntary Contribution to the PKBM Conservation Fund:
    a. Primary Impact: N/A
    b. Recurring Annual: N/A

11. Conditions and Authorizations:

    A. The validity of this permit is conditioned upon strict observance of all requirements, terms and/or conditions described in the Escambia County Programmatic Habitat Conservation Plan and associated Incidental Take Permit #TE46592A-0 (ITP).

    B. Acceptance of this permit serves as evidence that the permittee and its authorized agents understand and agree to abide by the terms of this permit. Failure to abide by permit conditions may result in County Environmental Enforcement proceedings or separate federal action under Section 11 of the endangered species act of 1973, as amended.

C. The Permittee owns the right-of-way associated with SR292 (Perdido Key Drive) and proposes to construct an 8-foot wide multi-use path to enhance a multi-modal transportation system on Perdido Key ("the Project"). This Permit authorizes the incidental take of the Perdido Key beach mouse, *Peromyscus polionotus trissyllepsis*, (PKBM) associated with the construction of the Project and associated infrastructure, and subsequent human utilization of the Project and further conditioned herein and subject to the continued validity of the Permit.

D. The Permittee will manage and maintain the Project side during and after construction of the Project. The Permittee shall be defined as the Florida Department of Transportation, District 3.

E. At such time as the Permittee shall sell or dispose of all his respective interest in the Project and so long as the Permittee is not then in default under this Permit, the Permittee shall be automatically released from all obligations, conditions, and liability of this Permit and any purchaser of the Project shall, upon purchase thereof, become responsible for the future compliance therewith but not for any prior or then existing defaults, violations, or deficiencies.

F. Subject to the terms and conditions of this permit, the Permittee is authorized to engage in the following forms of take of the PKBM incidental to the site preparation, development, construction, operation, and human occupancy of the Project Site, including the house, parking, and driveway:

    1. Harassment, harm, injury, and/or death of PKBM resulting from the permanent loss of 0.75 acres of habitat, including critical habitat on the Project site and for take resulting from indirect impacts due to the development, construction, operation, and human use of the Project Site.

G. The Permittee shall allow personnel of the U.S. Fish and Wildlife Service, Florida Fish and Wildlife Conservation Commission, Escambia County, or other properly permitted and qualified persons designated by these agencies to enter the Project boundaries at reasonable hours and times for the general purposes specified in Part 50 Code of Federal Regulations 13.21(e)(2).

H. The following measures shall be employed by the Permittee to ensure that take of the PKBM is minimized and fully mitigated:

Construction (including site preparation)

1. A copy of this permit shall be provided to the general contractor and included in all sub-contracts for the Project. The construction contract documents entered into by the Permittee shall include a stipulation that conservation objectives of the Permit shall be communicated to and agreed upon by all sub-contractors.

2. Construction of the project shall be limited to concrete, pervious concrete, or asphalt that is contained within concrete ribbon/ravel curb. The use of uncontained rock is prohibited.

3. During construction, impacts to PKBM shall be avoided or minimized by: (a) placing sediment barriers and flagging to restrict access and avoid impacts to habitat; (b) storing materials at appropriate staging sites and on previously disturbed areas outside of PKBM habitat; (c) keeping the construction site clean and free of debris, keeping trash out of habitats; (d) limiting disturbance from site preparation and construction grading by clearly indicating on all construction plans and onsite with silt fence or other barrier fence installation. The foregoing are subject to the paragraph 3 below allowing for temporary disturbance of an additional 10 feet outside the Project footprint.

4. Permanent alteration of the Project site shall not exceed 0.75 acres of impact for the Project footprint. An additional 10 feet outside of the 0.75 acres of impact may be temporarily disturbed during site preparation, Project construction, Project maintenance, Project demolition. The 10-foot area outside of the Project footprint shall be immediately restored upon completion of the activity.

5. All foreign debris (i.e. rock or other debris >1/8") shall be screened and removed from the project site prior to planting restoration area or adding fill to restoration areas.

6. Lighting for this project is not proposed or authorized.

7. The Project restoration/landscaping plan shall incorporate the following:

    i. all vegetation proposed shall be from the indigenous plant list, Appendix B – Species Plant List for Coastal Dune and Beaches in Escambia County, FL. Specific consideration shall be given regarding the Project location in the landscape as to which species are utilized

ii. all dune restoration material shall meet the State of Florida requirements for beach quality material or the Escambia County ordinance regarding sand quality, whichever is more restrictive;

iii. the use of mulch and landscape fabric is prohibited on the Project site

iv. dune restoration and landscape plans must be approved by the County

8. Remaining right-of-way areas shall be maintained post-construction to provide connectivity of PKBM habitat to other onsite and off-site habitat as detailed in 7 above;

9. During site-preparation through construction a barrier shall be installed along property boundaries to prevent access to beach mouse habitat by pedestrians and allow movement of beach mice. All debris/refuse shall be regularly removed from these areas with a minimum of disturbance to the natural vegetation

Operation and Maintenance

10. The Escambia County Animal Control Division shall be contacted if free-roaming cats (pet or feral) are observed on the Project premises.

11. Trash receptacles shall be animal-proof and therefore reduce predator and competition pressure from nuisance and exotic species.

12. Subject to temporary disturbance during construction as allowed by the terms of this Permit, permanent habitat impact to the site shall be limited to 0.75 acre as indicated in the HMP; land allowed by this Permit to be disturbed during construction and shall be restored after completion of construction. After Project completion 2.03 acres of PKBM habitat shall be protected, managed, and maintained on the Project site. Temporary disturbance of habitat located within ten foot of the permitted structure is authorized to facilitate routine maintenance. This area shall be immediately restored in accordance with the approved landscape plan.

13. The applicant shall agree to restoration of sand and vegetation in the PKBM habitat after a named storm event, should such be lost or degraded if such areas are not otherwise restored by a governmental entity or other third party as part of an overall or isolated dune restoration program (such as, for example purposes only, the dune restoration program undertaken by state federal and local governmental entities after Hurricane Ivan) and, provided that this requirement shall not interfere with or otherwise prohibit future participation in any such dune restoration program.

14. The use of exterior rodenticides and herbicides shall be prohibited. Any captured exotic or non-native rodents (house mice, Norway rats, black rats) shall be humanely euthanized and disposed of properly.

15. Sand live oaks to be preserved, per the approved site plan, shall remain in their natural state, without pruning, unless a separate authorization is obtained to mitigate a documented risk to human health and safety.

Owner Signature: Joy Swanson Pleas

Owner Printed/Date: Joy Swanson Pleas

Notary Seal: Amy Lynn Rehberg

AMY LYNN REHBERG
Commission # FF 928670
Expires November 8, 2019
Bonded Thru Troy Fain Insurance 800-385-7019

Issued by: Timothy Day

HCP Coordinator

Date: 23 Sep 2018

TIMOTHY DAY

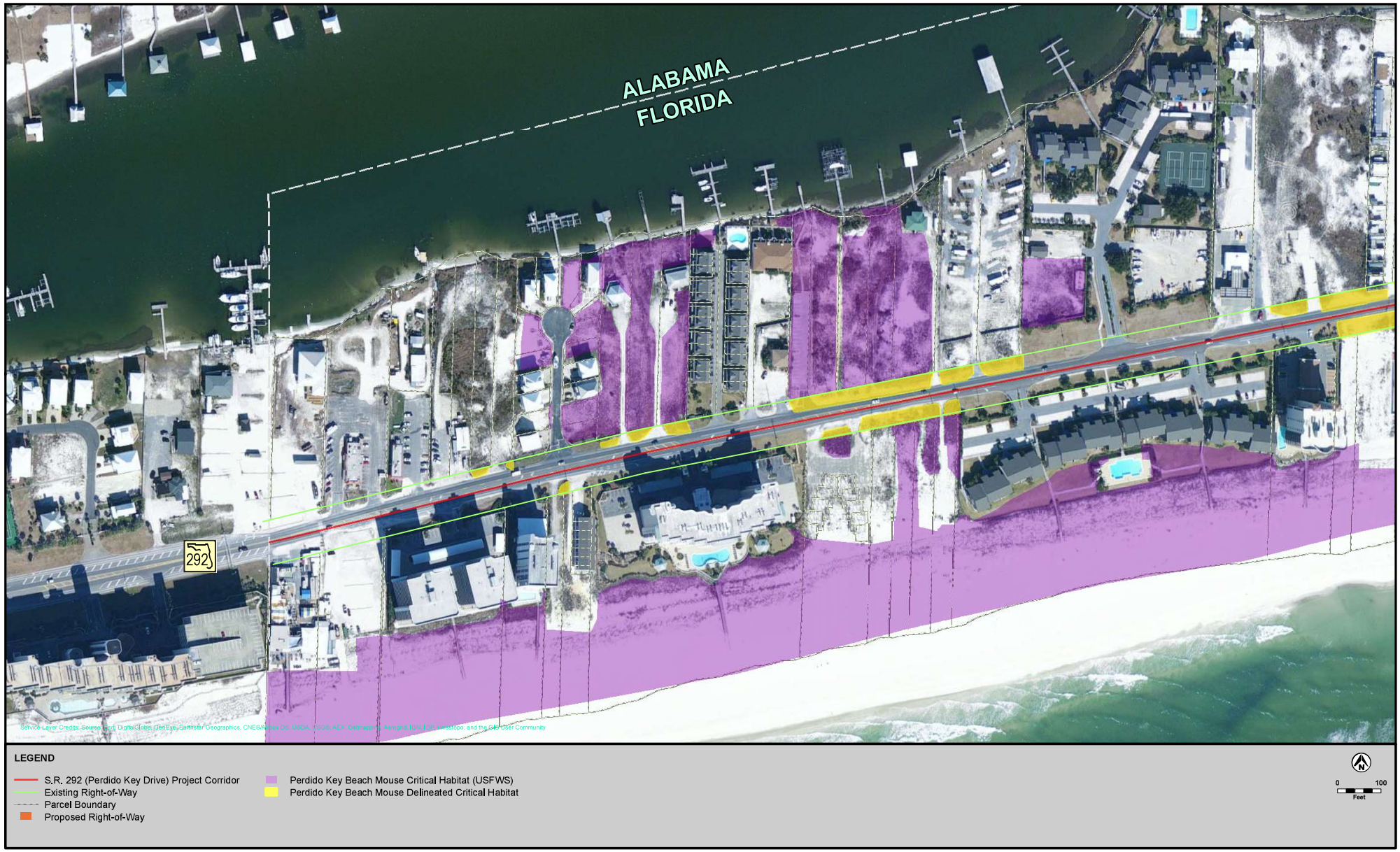
Appendix B

Species Plant List for Coastal Dune and Beaches on Perdido Key, Florida

Scientific Name	Common Name	Height	Primary & Secondary	Inter-Dunal	Scrub Dune
	Trees				
Pinus clausa	Sand Pine	20'			X
Pinus elliottii	Slash Pine	80'-100'			X
Quercus geminata	Sand Live Oak	30'			X
Quercus myritifolia	Myrtle Oak	40'			X
Quercus virginiana maritima	Sand Live Oak	40'-50'			X
	Medium to Large Shrubs & Small Trees				
Callicarpa americana	Beautyberry	5'			X
Ilex vomitoria	Yaupon Holly	20'			X
Iva frutescens	Marsh-Elder	11'		X	
Rhus copallina	Winged Sumac	10'		X	X
Serenoa repens	Saw Palmetto	10'			X
	Small Shrubs & Ground Covers				
Schizachyrium sp.	Bluestem		X		X
Asclepias humistrata	Sandhill Milkweed				X
Bignonia capreolata	Cross Vine				X
Cakile constricta	Sea Rocket		X		
Ceratiola ericoides	Seaside Rosemary				X
Chryosoma pauciflosculosa	Seaside Goldenrod		X		X
Chrysopsis gossypina cruiseana	Cruise's Golden Aster		X		X
Chrsopsis canescens	Beach Heather		X		X
Cyperus sp	Sedge			X	
Heterotheca subaxillaris	Aster (Camphor weed)		X		X
Hydrocotyle bonariensis	Pennywort		X	X	X
Ipomoea pes-caprae	Railroad Vine		X		
Ipomoea iperati	Beach Morning Glory				X
Licania michauxii	Gopher Apple		X	X	
Panicum amarum	Beach Grass				X
Polygonella macrophylla	Large-leaved Jointweed		X	X	
Tradescantia ohiensis	Spiderwort			X	X
Uniola paniculata	Sea Oat		X		X

5' WIDE PATH
AREA ~ 1.42 ACRES
LENGTH ~ 2.3 MILES
AREA WITHIN HABITAT .37 ACRES
10' WIDE PATH
AREA ~ 2.82 ACRES
LENGTH ~ 2.3 MILES
AREA WITHIN HABITAT ~ .97 ACRES
10' WIDE RAISED PATH
AREA ~ 2.15 ACRES
LENGTH ~ 1.77 MILES
AREA WITHIN HABITAT ~ 1.96 ACRES
10' WIDE PATH
AREA ~ 2.68 ACRES
LENGTH ~ 2 MILES
AREA WITHIN HABITAT ~ 1.18 ACRES
5' WIDE PATH
AREA ~ 1.19 ACRES
LENGTH ~ 2 MILES
AREA WITHIN HABITAT ~ .36 ACRES
ALABAMA
FLORIDA
Street Centerlines
Parcels
Perdido Key State Park
Beachmouse Habitat
Multiuse Path 5ft Area Within Beachmouse Habitat
Multiuse Path sw Side 5ft
Multiuse Path ne Side 10ft Area Within Beachmouse Habitat
Multiuse Path ne Side 10ft
Multiuse Path 10ft Raised Within Beachmouse Habitat
Multiuse Path 10ft Raised
"This map was prepared by the Escambia County GIS Division and is provided for information purposes only. It is not to be used for development of construction plans or any type of engineering services based on information depicted herein. It is maintained for the function of this office only. It is not guaranteed accurate or suitable for any use other than that for which it was gathered."
0
0.25
0.5
1
Miles
N
TOTAL AREA 5' WIDE PATH
AREA ~ 2.61 ACRES
LENGTH ~ 4.3 MILES
AREA WITHIN HABITAT ~ .73 ACRES
TOTAL AREA 10' WIDE PATH
AREA ~ 5.5 ACRES
LENGTH ~ 4.3 MILES
AREA WITHIN HABITAT ~ 2.15 ACRES
TOTAL AREA 10' WIDE RAISED PATH
AREA ~ 2.15 ACRES
LENGTH ~ 1.77 MILES
AREA WITHIN HABITAT ~ 1.96 ACRES

Figure 7-1: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)



LEGEND

- S.R. 292 (Perdido Key Drive) Project Corridor
- Existing Right-of-Way
- Parcel Boundary
- Proposed Right-of-Way
- Perdido Key Beach Mouse Critical Habitat (USFWS)
- Perdido Key Beach Mouse Delineated Critical Habitat

0 100
Feet

Figure 7-2: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

Figure 7-3: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

Figure 7-4: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

Figure 7-5: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

Figure 7-6: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

Figure 7-7: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

Figure 7-8: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

Figure 7-9: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

Figure 7-10: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

Figure 7-11: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

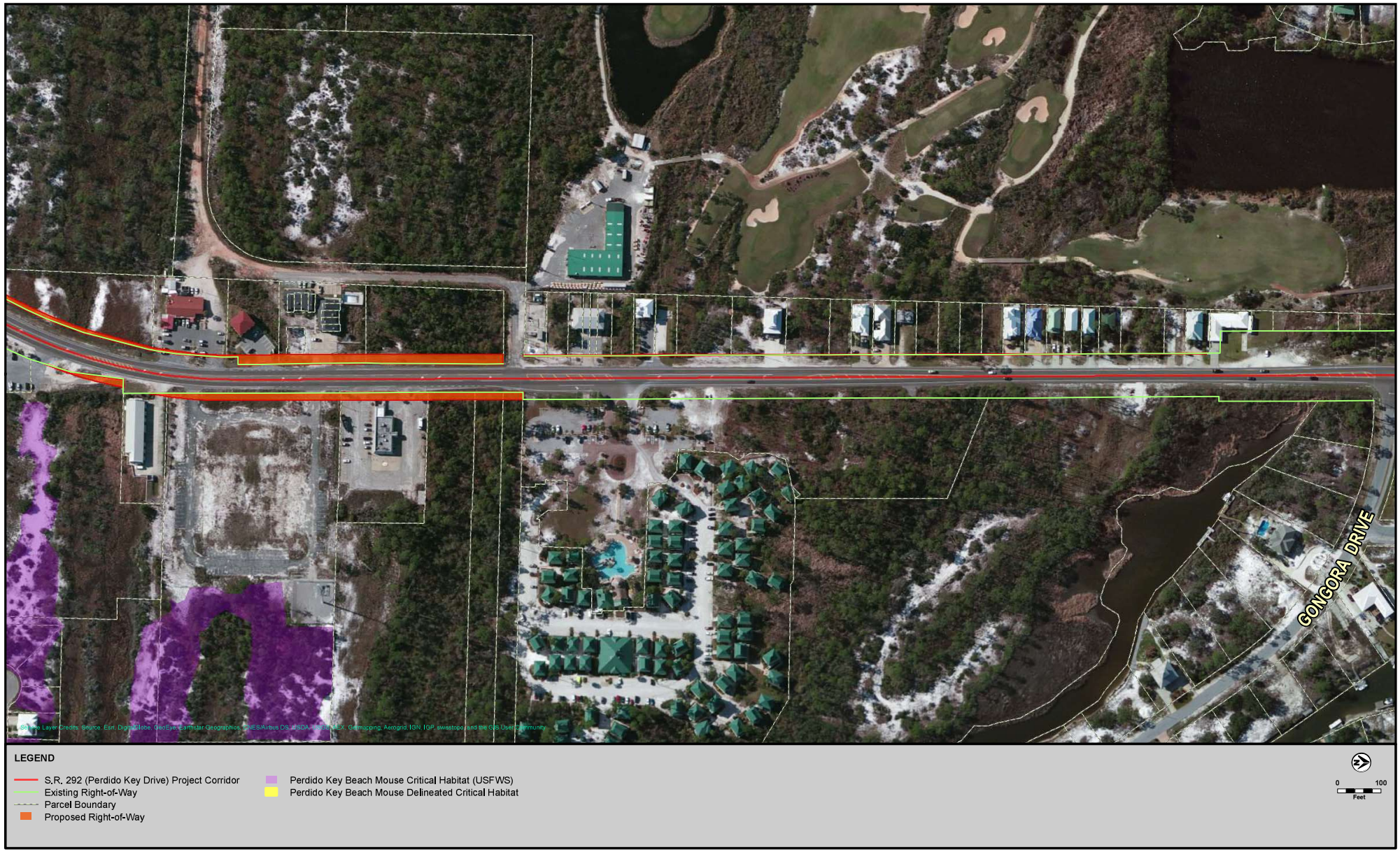


Figure 7-12: Perdido Key Beach Mouse Delineated Habitat Along S.R. 292 (Perdido Key Drive)

FDOT

0 Feet 40

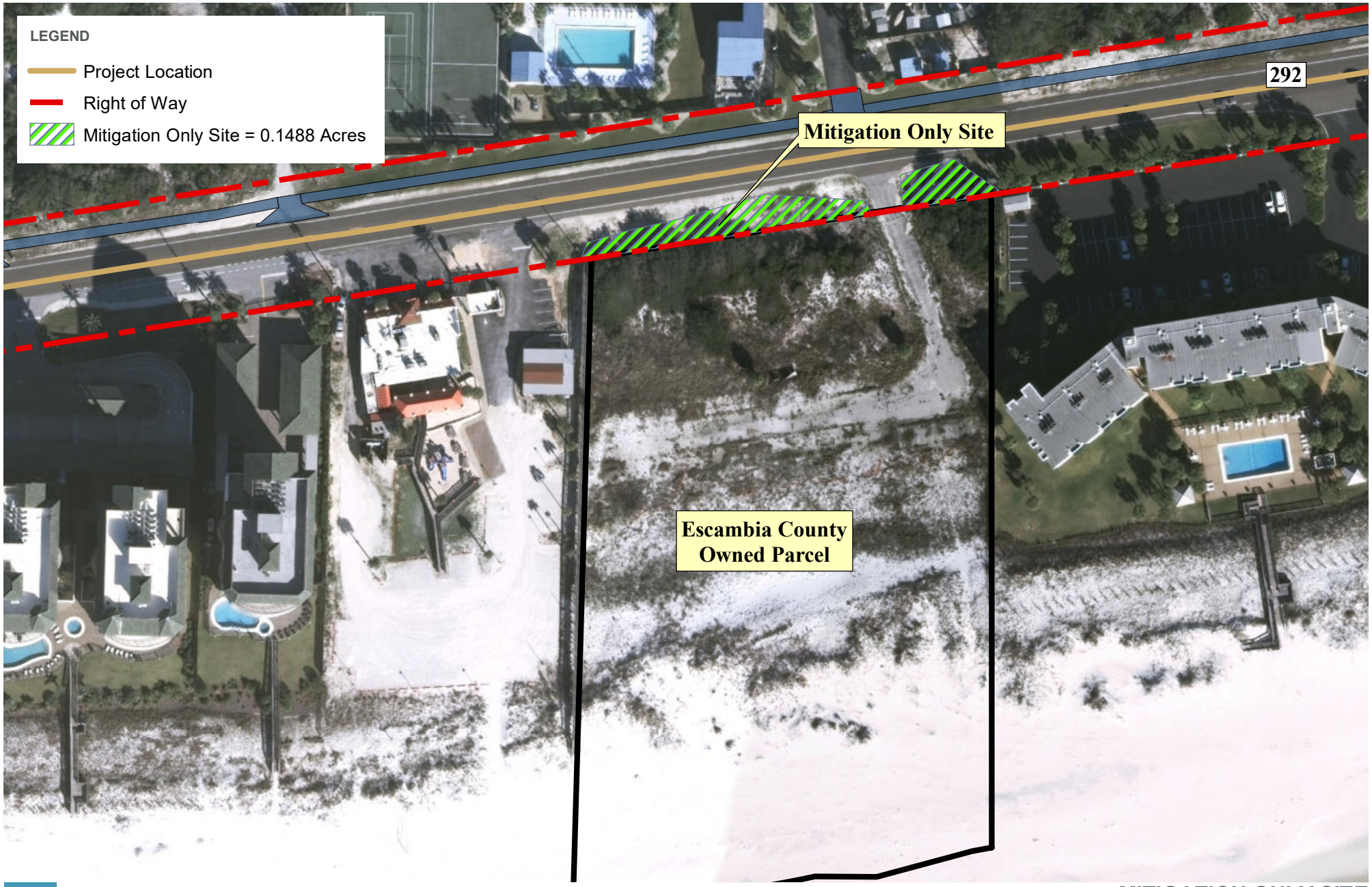
MITIGATION ONLY SITE

SR 292 (PERDIDO KEY DRIVE)

FROM ALABAMA STATE LINE TO WEST STATE PARK BOUNDARY

FPID: 438908-2

PATH: X:\DISTRICTWIDE MISC PD&E\CONTRACT_C9R39\TWO_16\7.0_GIS_MODELS\7.2_WORK_IN_PROGRESS\438908-2_ESCAMBIA\MAP_DOCS\MXD\PROPOSED_MITIGATION_SITE_1-16-19.MXD - USER: TELLIS - DATE: 1/21/2019



FDOT

0 Feet 100

MITIGATION ONLY SITE

SR 292 (PERDIDO KEY DRIVE)

FROM ALABAMA STATE LINE TO WEST STATE PARK BOUNDARY

FPID: 438908-2

PATH: X:\DISTRICTWIDE MISC PD&E\CONTRACT_C9R39\TWO_16\7.0_GIS_MODELS\7.2_WORK_IN_PROGRESS\438908-2_ESCAMBIA\MAP_DOCS\MXD\PROPOSED_MITIGATION_SITE_B_1-16-19.MXD - USER: TELLIS - DATE: 1/21/2019