

Regional Mitigation Plan Update

February 2022



Northwest Florida Water Management District
81 Water Management Drive
Havana, FL 32333-4712

Program Development Series 22-01

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

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Introduction

Section 373.4137(4), Florida Statutes (F.S.), requires the Northwest Florida Water Management District (NFWFMD or District), in consultation with the Florida Department of Environmental Protection (FDEP); the United States Army Corps of Engineers (USACE); the Florida Department of Transportation (FDOT); other appropriate federal, state, and local governments; and other interested parties, to develop and approve an annual regional mitigation plan before March 1st of each year for FDOT mitigation needs submitted to the District. The NFWFMD mitigation program includes the Sand Hill Lakes Mitigation Bank (owned and operated by the District), the District's In-Lieu Fee Instrument authorized by the USACE, and other mitigation projects implemented by the District.

Although FDOT is not required to participate in the District mitigation program (section 373.4137(2)(a), F.S.), FDOT District Three opts to mitigate through the District when use of a private mitigation bank is not feasible. This Regional Mitigation Plan Update satisfies the requirements of section 373.4137(4), F.S., to annually develop a mitigation plan for submittal to, and approval by, FDEP. To facilitate a policy-level review, FDEP guidance requests that regional mitigation plan submittals be in the form of a summary and only address new projects. Detailed information and permit-level project plans are posted at the District website (www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program). Approval from FDEP is obtained prior to implementation of mitigation.

Consideration of Private Mitigation Banks

Per section 373.4137(2)(c), F.S., FDOT must investigate use of a mitigation bank before including a project on the environmental impact inventory (Inventory) submitted to the District. If the District identifies use of a mitigation bank to offset an FDOT impact included on the Inventory, the District shall exclude that project from the mitigation plan and FDOT shall be responsible for purchase of bank credits (section 373.4137(3)(d), F.S.).

Private mitigation bank service areas cover approximately one-third of northwest Florida (Figure 1). The District strongly encourages development of private mitigation banks, especially in areas not currently served by private banks. The District does not compete with private mitigation banks and will develop or provide mitigation to FDOT only when use of a private mitigation bank is not feasible. Use of a mitigation bank as offsetting mitigation for an FDOT impact is dependent upon approval by state and federal permitting authorities.

Consideration of current service area coverages, as indicated in Figure 1, suggests that development of additional credits within several regions of northwest Florida may be needed to support future transportation improvements. Additional palustrine credits within the Blackwater River and Yellow River basins and additional estuarine credits districtwide may be particularly useful to support future transportation needs.

2022 Project Update

This Regional Mitigation Plan Update addresses the wetland mitigation needs of 13 FDOT road projects (Figure 2) that have been added to the FDOT District Three Inventory (11 have been added since approval of the 2021 Regional Mitigation Plan Update; two included in the 2021 Regional Mitigation Plan are included here with updated mitigation options). Total direct wetland impact associated with these projects, as estimated by FDOT, is >10.89 acres.¹ Project impacts and possible mitigation are summarized below. Additional information on impacts and proposed mitigation is posted at www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program.

Effective 12/22/2020,² FDEP assumed responsibility for administration of federal dredge and fill permitting under section 404 of the federal Clean Water Act, excluding:

“...those waters which are presently used, or are susceptible to use in their natural condition or by reasonable improvement as a means to transport interstate or foreign commerce shoreward to their ordinary high water mark, including all waters which are subject to the ebb and flow of the tide shoreward to their mean high water mark, including wetlands adjacent thereto.”³

In practice, the USACE has retained section 404 permitting authority for all tidal wetlands (e.g., estuarine wetlands) and most rivers and larger creeks in Florida, with FDEP assuming responsibility for all other wetlands. The State 404 program is separate from the existing Environmental Resource Permit (ERP) program; projects within state-assumed waters require both ERP and State 404 program authorization. Projects outside state-assumed waters continue to require USACE permits.

FDOT Transportation Projects

I-10 (from 2 miles west of Wilkerson Bluff Road to east of Yellow River); FDOT FPID 441038-3. Located in Okaloosa County (Pensacola Bay System watershed), FDOT estimates this project will impact 1.80 acres of palustrine wetlands (functional assessments have not been provided). This impact is not within the service area of any private mitigation bank. Proposed mitigation, if required by environmental permits, is TBD. If appropriate mitigation within the Pensacola Bay System watershed is not identified, use of the NFWWMD-owned Sand Hill Lakes Mitigation Bank (SHLMB) may be proposed (the SHLMB Mitigation Banking Instrument allows out-of-service-area mitigation for FDOT projects with the concurrence of permitting authorities). Out-of-service-area mitigation is discouraged and will be considered only after all other options have been exhausted. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWWMD mitigation program and FDOT will become responsible for any required mitigation (e.g., purchase of credits from a private bank). The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information, as plans are developed and permitting proceeds, will be posted at <https://www.nfwwater.com/Water->

¹ Projects are often submitted by FDOT prior to estimates of wetland impact being completed. The NFWWMD relies upon FDOT for estimates of impact acreage and does not delineate or otherwise assess impacts associated with transportation projects. Estimated wetland impacts for projects included in this plan, for which acreage estimates have been provided, total 10.89 acres. Four projects included in this plan have no impact acreage estimates.

² Federal Register, Vol. 85, No. 246, Tuesday, December 22, 2020.

³ Memorandum of Agreement Between the Florida Department of Environmental Protection and the Department of the Army, 8/5/2020.

[Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Pensacola-Watershed-Impacts/Mitigation-Pending-TBD/I-10-from-two-miles-west-of-Wilkerson-Bluff-Road-to-east-of-Yellow-River-441038-3](https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Pensacola-Watershed-Impacts/Mitigation-Pending-TBD/I-10-from-two-miles-west-of-Wilkerson-Bluff-Road-to-east-of-Yellow-River-441038-3).

I-10 (from east of Yellow River to SR 85); FDOT FPID 441038-4. Located in Okaloosa County (Pensacola Bay System watershed), this impact is not within the service area of any private mitigation bank. FDOT estimates 0.50 acres of palustrine wetlands will be impacted by this project (functional assessments have not been provided). Proposed mitigation, if required by environmental permits, is TBD. If appropriate mitigation within the Pensacola Bay System watershed is not identified, use of the NFWFMD-owned SHLMB may be proposed (the SHLMB Mitigation Banking Instrument allows out-of-service area mitigation with the concurrence of permitting authorities). Out-of-service-area mitigation is discouraged and will be considered only after all other options have been exhausted. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWFMD mitigation program and FDOT will become responsible for any required mitigation (e.g., purchase of credits from a private bank). The NFWFMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information, as plans are developed and permitting proceeds, will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Pensacola-Watershed-Impacts/Mitigation-Pending-TBD/I-10-from-east-of-Yellow-River-to-SR-85-441038-4>.

I-10 (from Santa Rosa/Okaloosa County Line to SR 189 Log Lake Road); FDOT FPID 413062-5. Located in Okaloosa County (Pensacola Bay System watershed), estimates of wetland impacts or functional loss associated with this road project have not been provided by FDOT. It is not within the service area of any private mitigation bank. Proposed mitigation, if required by environmental permits, is TBD. If appropriate mitigation within the Pensacola Bay System watershed is not identified, use of the NFWFMD-owned SHLMB may be proposed (the SHLMB Mitigation Banking Instrument allows out-of-service area mitigation with the concurrence of permitting authorities). Out-of-service-area mitigation is discouraged and will be considered only after all other options have been exhausted. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWFMD mitigation program and FDOT will be responsible for purchasing credits from a private bank. The NFWFMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information, as plans are developed and permitting proceeds, will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Pensacola-Watershed-Impacts/Mitigation-Pending-TBD/I-10-from-Santa-Rosa-Okalossa-Co.-Line-to-CR-189-413062-5>.

I-10 (from SR 189 Log Lake Road to 2 miles west of Wilkerson Bluff Road); FDOT FPID 441038-2. Located in Okaloosa County (Pensacola Bay System watershed), FDOT estimates 0.50 acres of palustrine wetlands will be impacted by this project (functional assessments have not been provided). It is not within the service area of any private mitigation bank. Proposed mitigation, if required by environmental permits, is TBD. If appropriate mitigation within the Pensacola Bay System watershed is not identified, use of the NFWFMD-owned SHLMB may be proposed (the SHLMB Mitigation Banking Instrument allows out-of-service area mitigation with the concurrence of permitting authorities). Out-of-service-area mitigation is discouraged and will be considered only after all other options have been exhausted. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWFMD mitigation program and FDOT will be responsible for purchasing credits from a private bank.

The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information, as plans are developed and permitting proceeds, will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Pensacola-Watershed-Impacts/Mitigation-Pending-TBD/I-10-from-CR-189-to-two-miles-west-of-Wilkerson-Bluff-Road-441038-2>.

I-10 (from SR 281 to east of Blackwater River); FDOT FPID 413062-6. Located in Santa Rosa County (Pensacola Bay System watershed), FDOT estimates 6.724 acres of jurisdictional wetlands will be impacted by this project (functional assessments have not been provided). FDOT will be responsible for mitigation of palustrine wetland impacts associated with this project, anticipated to consist of purchase of credits from a private mitigation bank. However, some estuarine impacts are likely on the east end of the project area, and private-sector estuarine credits are not available. If estuarine mitigation is required for this project to move forward, use of estuarine credits from the Dutex In-Lieu Fee (ILF) Unit of the NFWWMD ILF mitigation program is proposed.⁴ Out-of-service-area mitigation is discouraged and will be considered only after efforts to identify estuarine mitigation options within the Pensacola Bay System watershed have been exhausted. If a private mitigation bank option for estuarine credits becomes available prior to permitting, this project will be withdrawn from the NFWWMD mitigation program and FDOT will be responsible for purchasing estuarine credits from a private bank. The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information, as plans are developed and permitting proceeds, will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Pensacola-Watershed-Impacts/Mitigation-Pending-TBD/I-10-from-SR-281-to-east-of-Blackwater-River-413062-6>

I-10 (from SR 87 to Miller Bluff Road); FDOT FPID 413062-8. Located in Okaloosa County (Pensacola Bay System watershed), FDOT estimates 0.03 acres of palustrine wetlands will be impacted by this project (functional assessments have not been provided). It is not within the service area of any private mitigation bank. Proposed mitigation, if required by environmental permits, is TBD. If appropriate mitigation within the Pensacola Bay System watershed is not identified, use of the NFWWMD-owned SHLMB may be proposed (the SHLMB Mitigation Banking Instrument allows out-of-service area mitigation with the concurrence of permitting authorities). Out-of-service-area mitigation is discouraged and will be considered only after all other options have been exhausted. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWWMD mitigation program and FDOT will be responsible for purchasing credits from a private bank. The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information as plans are developed will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Pensacola-Watershed-Impacts/Mitigation-Pending-TBD/I-10-from-SR-87-to-Miller-Bluff-Road-413062-8>.

SR 85 (from PJ Adams PKWY to I-10); FDOT FPID 220171-6. Located in Okaloosa County (Pensacola Bay System watershed), FDOT estimates 0.91 acres of palustrine wetlands will be impacted by this project (functional assessments have not been provided). It is not within the service area of any private mitigation bank. Proposed mitigation, if required by environmental permits, is TBD. If appropriate mitigation within

⁴ Although the Dutex site is located outside the Pensacola Bay System watershed, the NFWWMD In-Lieu Fee Mitigation Program Final Instrument (USACE Permit SAJ-2011-00287-TMF; 3/18/2015) allows out-of-watershed mitigation when it is deemed more appropriate or necessary.

the Pensacola Bay System watershed is not identified, use of the NFWWMD-owned SHLMB may be proposed (the SHLMB Mitigation Banking Instrument allows out-of-service area mitigation with the concurrence of permitting authorities). Out-of-service-area mitigation is discouraged and will be considered only after all other options have been exhausted. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWWMD mitigation program and FDOT will be responsible for purchasing credits from a private bank. The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information, as plans are developed, will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Pensacola-Watershed-Impacts/Mitigation-Pending-TBD/SR-85-from-PJ-Adams-PKWY-to-I-10-220171-6>.

SR 85 (from SR 210 McWhorter Avenue to PJ Adams PKWY); FDOT FPID 220171-5. Located in Okaloosa County (Pensacola Bay System watershed), FDOT estimates 5.27 acres of palustrine wetlands will be impacted by this project (functional assessments have not been provided). It is not within the service area of any private mitigation bank. Proposed mitigation, if required by environmental permits, is TBD. If appropriate mitigation within the Pensacola Bay System watershed is not identified, use of the NFWWMD-owned SHLMB may be proposed (the SHLMB Mitigation Banking Instrument allows out-of-service area mitigation with the concurrence of permitting authorities). Out-of-service-area mitigation is discouraged and will be considered only after all other options have been exhausted. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWWMD mitigation program and FDOT will be responsible for purchasing credits from a private bank. The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information as plans are developed will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Pensacola-Watershed-Impacts/Mitigation-Pending-TBD/SR-85-from-SR-210-to-PJ-Adams-Pkwy-220171-5>.

US 98 (from Ortega Street to Santa Rosa / Okaloosa County Line); FDOT FPID 220426-5. Located in Santa Rosa County (Pensacola Bay System watershed), estimates of wetland impacts or functional loss associated with this road project have not been provided by FDOT. It is not within the service area of any private mitigation bank. Proposed mitigation, if required by environmental permits, is TBD. If appropriate mitigation within the Pensacola Bay System watershed is not identified, use of the Dutex ILF Unit of the NFWWMD ILF mitigation program may be proposed (the NFWWMD ILF Final Instrument allows out-of-service area mitigation with the concurrence of permitting authorities). Out-of-service-area mitigation is discouraged and will be considered only after all other options have been exhausted. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWWMD mitigation program and FDOT will be responsible for purchasing credits from a private bank. The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information, as plans are developed, will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Pensacola-Watershed-Impacts/Mitigation-Pending-TBD/US-98-from-Ortega-Street-to-Okaloosa-Santa-Rosa-County-Line-220426-5>.

I-10 (from US 90 to Ochlockonee River); FDOT FPID 222530-5. This project is in Gadsden County in the Ochlockonee River and Bay watershed. FDOT estimates 1.74 acres of palustrine wetlands will be impacted by this project (functional assessments have not been provided). This impact is not currently within the service area of any private mitigation bank. Proposed mitigation, if required by environmental permits, is

use of the Shuler ILF Unit of the NFWWMD ILF mitigation program. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWWMD mitigation program and FDOT will be responsible for purchasing credits from a private bank. The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information as plans are developed will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Ochlockonee-Watershed-Impacts/Mitigation-Pending-TBD/I-10-from-US-90-to-Ochlockonee-River-220530-5>.

Interstate Circle Road at Eight Mile Creek Bridge; FDOT FPID 442920-1. This project is in Escambia County in the Perdido River and Bay watershed. At this time, estimates of wetland impacts or functional loss have not been provided by FDOT. This impact is not currently within the service area of any private mitigation bank. Proposed mitigation, if required by environmental permits, is use of the Dutex ILF Unit of the NFWWMD ILF mitigation program. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWWMD mitigation program and FDOT will be responsible for purchasing credits from a private bank. The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information as plans are developed will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Perdido-Watershed-Impacts/Mitigation-Pending-TBD/Interstate-Circle-Road-Eight-Mile-Creek-Bridge-442920-1>.

SR 85 (from SR 123 to SR 210 McWhorter Avenue); FDOT FPID 220171-4. This project is in Okaloosa County in the Choctawhatchee River and Bay watershed. At this time, estimates of wetland impacts or functional loss have not been provided by FDOT. This impact is not currently within the service area of any private mitigation bank. Proposed mitigation, if required by environmental permits, is use of the Lafayette Creek ILF Unit of the NFWWMD ILF mitigation. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWWMD mitigation program and FDOT will be responsible for purchasing credits from a private bank. The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information as plans are developed will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Choctawhatchee-Watershed-Impacts/Mitigation-Pending-TBD/SR-85-from-SR-123-to-SR-210-220171-4>.

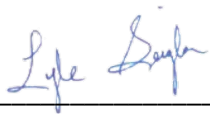
West Wilson Street at Turkey Creek Bridge; FDOT FPID 439390-1. This project is in Walton County in the Choctawhatchee River and Bay watershed. FDOT estimates 0.17 acres of estuarine wetlands will be impacted by this project (functional assessments have not been provided). There are no private-sector estuarine credits available in this area. Proposed mitigation, if required by environmental permits, is use of the Live Oak Point Living Shorelines ILF Unit of the NFWWMD ILF mitigation. If a private mitigation bank option becomes available prior to permitting, this project will be withdrawn from the NFWWMD mitigation program and FDOT will be responsible for purchasing credits from a private bank. The NFWWMD will obtain FDEP approval before proceeding with any mitigation for this impact. Additional information as plans are developed will be posted at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program/Regional-Mitigation-Plan/FDOT-Impacts/Choctawhatchee-Watershed-Impacts/Mitigation-Pending-TBD/West-Wilson-Street-at-Turkey-Creek-Bridge-439390-1>.

Conclusion

The District concludes that this Regional Mitigation Plan Update complies with the mitigation requirements of section 373.4137, F.S., and 33 USC Section 344, subject to approval by FDEP, for the 13 projects described above and included in the FDOT Inventory. Approval by the Governing Board of the District or its designee and FDEP shall authorize the activities proposed in the mitigation plan, and no other state, regional or local permit or approval shall be necessary. Per section 373.4137(5), F.S., the District, upon notice and coordination with FDOT, may deviate from the approved mitigation plan to comply with federal permitting requirements.

All Regional Mitigation Plan documents may be accessed online at <https://www.nfwwater.com/Water-Resources/Regional-Wetland-Mitigation-Program>. Copies may be obtained from the Resource Management Division, Northwest Florida Water Management District, 81 Water Management Drive, Havana, FL 32333-4712.

Pursuant to sections 373.4137(4) and (6), F.S., the District hereby approves modifications to the Regional Mitigation Plan for 13 FDOT impacts identified in the FDOT District Three Inventory. Modifications to the District-approved Regional Mitigation Plan may not be implemented prior to approval by FDEP. Through consultation with the aforementioned entities, the District's Regional Mitigation Plan has been designed and evaluated to meet state and federal mitigation requirements (section 373.4137, F.S., and 33 United State Code section 1344); however, it is the responsibility of FDOT to propose offsetting mitigation to state and federal permittees.



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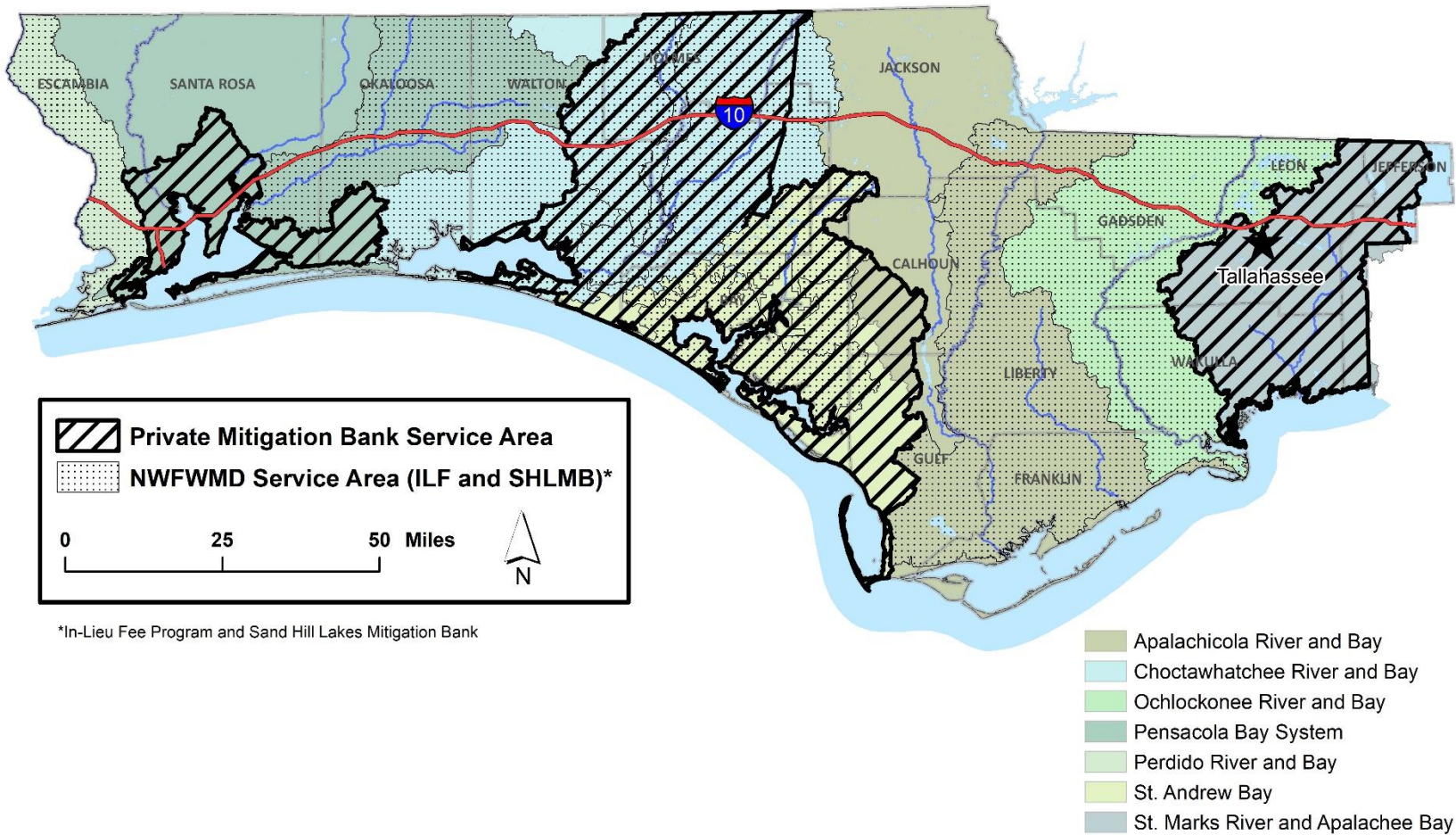
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Northwest Florida Water Management District



*In-Lieu Fee Program and Sand Hill Lakes Mitigation Bank

Figure 1. Mitigation Service Areas in Northwest Florida

Northwest Florida Water Management District 2022 Regional Mitigation Plan Update FDOT Projects and Proposed Mitigation

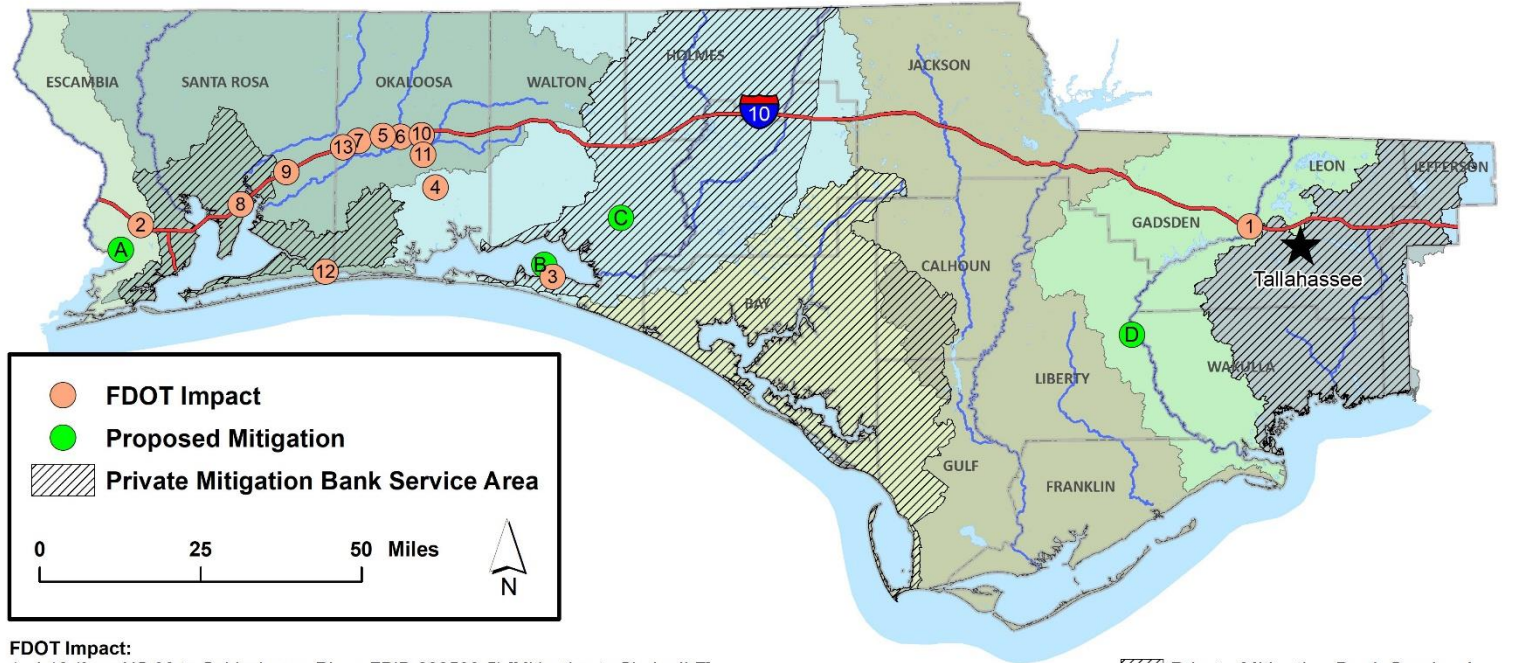


Figure 2. Map of FDOT Impact and Identified Mitigation Option

FDOT Impact:

- 1 - I-10 (from US 90 to Ochlockonee River; FPID 222530-5) [Mitigation to Shuler ILF]
- 2 - Interstate Circle Road at Eight Mile Creek Brige (FPID 442920-1) [Mitigation to Dutex ILF]
- 3 - West Wilson Street at Turkey Creek Bridge (FPID 439390-1) [Mitigation to Live Oak Point Living Shorelines ILF]
- 4 - SR 85 (from SR 123 to SR 210; FPID 220171-4) [Mitigation to Lafayette Creek ILF]
- 5 - I-10 (from 2 miles west of Wilkerson Bluff Road to east of Yellow River; FPID 441038-3) [Mitigation TBD]
- 6 - I-10 (from east of Yellow River to SR 85; FPID 441038-4) [Mitigation TBD]
- 7 - I-10 (from SR 189 Log Lake Road to 2 miles west of Wilkerson Bluff Road; FPID 441038-2) [Mitigation TBD]
- 8 - I-10 (from SR 281 to east of Blackwater River; FPID 413062-6) [Mitigation TBD]
- 9 - I-10 (from SR 87 to Miller Bluff Road; FPID 413062-8) [Mitigation TBD]
- 10 - SR 85 (from PJ Adams Pkwy to I-10; FPID 220171-6) [Mitigation TBD]
- 11 - SR 85 (from SR 210 McWhorter Avenue to PJ Adams Pkwy; FPID 220171-5) [Mitigation TBD]
- 12 - US 98 (from Ortega Street to Santa Rosa / Okaloosa County Line; FPID 220426-5) [Mitigation TBD]
- 13 - I-10 (from Santa Rosa / Okaloosa County Line to SR 189; FPID 413062-5) [Mitigation TBD]

Proposed Mitigation:

- A - Dutex ILF
- B - Live Oak Point Living Shorelines ILF
- C - Lafayette Creek ILF
- D - Shuler ILF

- Private Mitigation Bank Service Area
- Apalachicola River and Bay
- Choctawhatchee River and Bay
- Ochlockonee River and Bay
- Pensacola Bay System
- Perdido River and Bay
- St. Andrew Bay
- St. Marks River and Apalachee Bay

Table 1. Mitigation and Project Overview

Mitigation and Impact Project Overview - February 2022 ¹					
Mitigation Name	Impact Project	Impact Location		Habitat / Community Type Impact	Impact Acres ²
		County	Drainage Basin		
Dutex In-Lieu Fee Mitigation Area	FPID 442920-1 (Interstate Circle Road at Eight Mile Creek Bridge)	Escambia	Perdido River and Bay Watershed	Palustrine	TBD
	FPID 413062-6 (I-10 from SR 281 to east of Blackwater River)*	Okaloosa	Pensacola Bay System Watershed	Estuarine	TBD
	FPID 220426-5 (US 98 from Ortega Street to Santa Rosa / Okaloosa County Line)*	Santa Rosa		Palustrine	TBD
Live Oak Point Living Shorelines In-Lieu Fee Mitigation Area	FPID 439390-1 (West Wilson Street at Turkey Creek Bridge)	Walton	Choctawhatchee River and Bay Watershed	Estuarine	0.17
Lafayette Creek In-Lieu Fee Mitigation Area	FPID 220171-4 (SR 85 from SR 123 to SR 210)	Okaloosa	Choctawhatchee River and Bay Watershed	Palustrine	TBD
Shuler In-Lieu Fee Mitigation Area	FPID 222530-5 (I-10 from US 90 to Ochlockonee River)	Gadsden	Ochlockonee River and Bay Watershed	Palustrine	1.74
Sand Hill Lakes Mitigation Bank	FPID 441038-3 (I-10 from two miles west of Wilkerson Bluff Road to east of Yellow River)*	Okaloosa	Pensacola Bay System Watershed	Palustrine	1.80
	FPID 441038-4 (I-10 from east of Yellow River to SR 85)*	Okaloosa			0.50
	FPID 441038-2 (I-10 from CR 189 to two miles west of Wilkerson Bluff Road)*	Okaloosa			0.50
	FPID 413062-5 (I-10 from Santa Rosa / Okaloosa County Line to CR 189)*	Okaloosa			TBD
	FPID 220171-5 (SR 85 from SR 210 to P.J. Adams Parkway)*	Okaloosa			5.27
	FPID 220171-6 (SR 85 from P.J. Adams Parkway to I-10)*	Okaloosa			0.91
	FPID 413062-8 (I-10 from SR 87 to Miller Bluff Road)*	Santa Rosa			0.03
					10.89

*Impact is located outside of the mitigation watershed and service area. Although the Dutex In-Lieu Fee Site and Sand Hill Lakes Mitigation Bank instruments allow for out-of-service area use for FDOT impacts (with concurrence of permitting authorities), out-of-basin mitigation is discouraged and is proposed only when all other mitigation options have been exhausted.

Notes to Table 1 - Mitigation and Impact Project Overview:

¹FDOT impacts listed on this table have either been submitted to the NFWFMD since NFWFMD/FDEP approval of the 2021 Regional Mitigation Plan or have had proposed mitigation options revised. Per section 373.4137, FS, NFWFMD may provide mitigation for FDOT impacts only when FDOT is unable to purchase credits from a mitigation bank to meet federal and/or state permit conditions. The NFWFMD mitigation program, established under section 373.4137, FS, does not compete with private mitigation banks.

²Direct wetland impact acres as listed on the most recent FDOT District 3 Environmental Mitigation Escrow Report. The NFWFMD mitigation program relies upon FDOT to provide all information associated with their wetland impacts; it does not quantify or otherwise assess wetland impacts for FDOT. In addition to direct impacts, secondary impacts may also be present and require offsetting mitigation. Mitigation funding, per section 373.4137, FS, is determined by direct impact acreage.

Table 2. Mitigation Plan Overview

Mitigation Plan Overview - February 2022						
Mitigation Name	Location		Habitat / Community Type	Mitigation Type	Acres or # Credits ¹	Land Acquisition
	County	SWIM Drainage Basin				
Dutex In-Lieu Fee Mitigation Area ²	Escambia	Perdido River and Bay Watershed	Palustrine and Estuarine Wetlands	In-Lieu Fee Program	TBD	No
Live Oak Point Living Shorelines In-Lieu Fee Mitigation Area ³	Walton	Choctawhatchee River and Bay Watershed	Estuarine Wetlands	In-Lieu Fee Program	TBD	No
Lafayette Creek In-Lieu Fee Mitigation Area ⁴	Walton	Choctawhatchee River and Bay Watershed	Palustrine Wetlands	In-Lieu Fee Program	TBD	No
Shuler In-Lieu Fee Mitigation Area ⁵	Liberty	Ochlockonee River and Bay Watershed	Palustrine Wetlands	In-Lieu Fee Program	TBD	No
Sand Hill Lakes Mitigation Bank ⁶	Washington	Choctawhatchee River and Bay Watershed	Palustrine Wetlands	Mitigation Bank	TBD	No

Note to Table 2 - Mitigation Plan Overview:

¹Number and type of credits to be finalized when federal and/or state permits are issued.

²Impact acreage for mitigation at Dutex of FDOT projects FPID 442920-1, FPID 413062-6, and FPID 220426-5 TBD. Number and type of credits required to offset impacts to be finalized when federal and/or state permits are issued.

³Impact acreage for mitigation at Live Oak Point for FDOT project FPID 439390-1 is estimated at 0.17 acres. Number and type of credits required to offset impact to be finalized when federal and/or state permits are issued.

⁴Impact acreage for mitigation at Lafayette Creek for FDOT project FPID 220171-4 TBD. Number and type of credits required to offset impact to be finalized when federal and/or state permits are issued.

⁵Impact acreage for mitigation at Shuler for FDOT project FPID 222530-5 is estimated at 1.74 acres. Number and type of credits required to offset impact to be finalized when federal and/or state permits are issued.

⁶Impact acreage for FDOT projects FPID 441038-3, FPID 441038-4, FPID 441038-2, FPID 220171-5, FPID 220171-6, and FPID 413062-8 totals 10.89 acres. Impact acreage for FDOT project FPID 413062-5 TBD. Number and type of credits required to offset impact to be finalized when federal and/or state permits are issued.

Table 3. Cost of Mitigation Plan

Cost of Mitigation Plan - February 2022						
Mitigation Name	Planning / Design Cost	Construction Cost	Acquisition or Credit Purchase Cost	Management Cost	Total Cost ¹	Mitigation Cost per Acre of Impact ²
Dutex In-Lieu Fee Mitigation Area ³	\$0	\$0	TBD	\$0	TBD	\$122,918
Live Oak Point Living Shorelines In-Lieu Fee Mitigation Area ⁴	\$0	\$0	\$20,896	\$0	\$20,896	\$122,918
Lafayette Creek In-Lieu Fee Mitigation Area ⁵	\$0	\$0	TBD	\$0	TBD	\$122,918
Shuler In-Lieu Fee Mitigation Area ⁶	\$0	\$0	\$213,877	\$0	\$213,877	\$122,918
Sand Hill Lakes Mitigation Bank ⁷	\$0	\$0	\$1,107,491	\$0	\$1,107,491	\$122,918
Totals:	\$0	\$0	\$1,342,264	\$0	\$1,342,264	

Notes to Table 3:

¹Estimated total mitigation cost based on acreage of direct wetland impact as reported in the most recent FDOT District 3 Environmental Mitigation Escrow Report; impact-acreage estimates subject to modification by state and/or federal permittees.

²The current FDOT per-acre funding for wetland impacts associated with transportation projects, in accordance with section 373.4137, FS, is \$122,918 (valid through 6/30/2022; value is adjusted annually based on the federal Consumer Price Index).

³Cost estimates for FDOT projects FPID 442920-1, FPID 413062-6, and FPID 220426-5 will be calculated when estimates of impact acreage are received from FDOT.

⁴Mitigation cost for impact associated with FDOT project FPID 349390-1 is estimated at \$20,896 (0.17 acres x \$122,918 = \$20,896).

⁵Cost estimate for FDOT project FPID 220171-4 will be calculated when an estimate of impact acreage is received from FDOT.

⁶Mitigation cost for impact associated with FDOT project FPID 222530-5 is estimated at \$213,877 (1.74 acres x \$122,918 = \$213,877).

⁷Mitigation costs for impacts associated with FDOT projects FPID 441038-3, FPID 441038-4, FPID 441038-2, FPID 220171-5, FPID 220171-6, and FPID 413062-8 is estimated at \$1,107,491 (9.01 acres x \$122,918 = \$20,896). Mitigation cost estimate for FDOT project FPID 413062-5 will be calculated when an estimate of impact acreage is received from FDOT.