

FDOT DISTRICT-3 MITIGATION REVIEW TEAM MEETING MINUTES¹

WEDNESDAY, FEBRUARY 23, 2022

[Virtual Meeting via Microsoft Teams]

Invitees	
Erica Brookman – FDOT	Terry Gilbert – FWC
Joy Swanson Pleas – FDOT	Bryan Phillips – FWC
Natalie Nelson – FDOT	Donna Kendall – FDEP
Shannon Foor – FDOT	Tim Rach – FDEP
Randy Turner – USACE	Lindsay Furr – FDEP
Shannon White – USACE	Carlos Herd – NFWWMD
Veronica Beech – USACE	Paul Thorpe – NFWWMD
Franklin Dimitroff – USACE	Jerrick Saquibal – NFWWMD
Andy Kizlauskas – USACE	David Clayton – NFWWMD
David Rydene – NMFS	Robert Lide – NFWWMD
Jose Rivera – USFWS	Terry Wells – NFWWMD
Kristal Walsh – FWC	Andy Joslyn – NFWWMD

An FDOT District-3 mitigation Review Team meeting was held remotely on Wednesday, February 23, 2022 (10 AM EST / 9 AM CST).² Mitigation options for 13 FDOT road projects included in the “2022 Regional Mitigation Plan Update” (NFWWMD Program Development Series 22-01) were discussed,³ followed by comments on several other FDOT projects, and a brief update on restoration activities at several NFWWMD mitigation sites.

¹ Meeting minutes compiled by NFWWMD staff.

² Federal and/or state permittees decide, through issuance of permit conditions, if proposed mitigation discussed at Review Team meetings will appropriately offset a specified impact. These meetings facilitate early consultation with commenting agencies in the development of mitigation and compliance with section 373.4137, FS. In addition to obtaining required permits, all mitigation developed by the NFWWMD for FDOT impacts must also be approved by the NFWWMD Governing Board designee (i.e., the NFWWMD Executive Director) and FDEP prior to implementation.

³ It is the responsibility of FDOT to propose mitigation to state and/or federal permittees during the permitting process. Under section 373.4137, FS, the NFWWMD provides mitigation options to FDOT only when use of a private mitigation bank is not feasible.

Interstate Circle Road at Eight Mile Creek Bridge (FPID 442920-1)

Estimates of wetland impact associated with FDOT replacement of a minor bridge (Interstate Circle Road at Eight Mile Creek Bridge; FPID 442920-1) in the Perdido River and Bay watershed in Escambia County have not been completed, although any impacts would be to palustrine wetlands. No private mitigation bank is available to offset this impact, though the impact is located within the Dutex ILF project (NFWFMD In-Lieu Fee Mitigation Program) service area. Use of available credits from the Dutex ILF site was proposed as an appropriate mitigation option. In this scenario, mitigation would be type-for-type and located within the same watershed (the Dutex ILF site is located approximately 5 miles SW of the impact). Several Review Team members voiced support of this mitigation option; no objections were raised. Any final decision concerning required mitigation rests, of course, with permitting authorities. Online sources indicate (subject to verification) that this impact is within waters retained by the USACE for 404 permitting purposes.

SR 85 from SR 123 to SR 210/McWhorter Avenue (FPID 220171-4)

Located in Okaloosa County south of Crestview in the Choctawhatchee River and Bay watershed, impact estimates have not been completed. With the absence of a private mitigation bank option, use of credits from the Lafayette Creek ILF mitigation site (NFWFMD In-Lieu Fee Mitigation Program) was proposed (the impact is within the Lafayette Creek ILF service area). The impact and potential mitigation are within the same watershed; mitigation would be type-for-type. No objections were raised. Online sources indicate this impact is within waters assumed by FDEP for 404 permitting purposes. Final decisions on mitigation rest with permitting authorities.

I-10 from US 90 to Ochlockonee River (FPID 222530-5)

Improvements to I-10 from US 90 to the Ochlockonee River (Gadsden County; Ochlockonee River and Bay watershed; FPID 222530-5) will directly impact an estimated 1.74 acres of palustrine wetlands. No private mitigation bank is available in the Ochlockonee watershed, although the impact is within the service area of the Shuler ILF mitigation site (NFWFMD In-Lieu Fee Mitigation Program). Use of palustrine forested credits from the Shuler ILF site was proposed as offsetting mitigation; no objections were voiced by Review Team members. Online sources (subject to verification) indicate this impact is within waters assumed by FDEP for 404 permitting purposes. Final mitigation decisions rest with permitting authorities.

West Wilson Street at Turkey Creek Bridge (FPID 439390-1)

Previously estimated as a 0.17-acre impact to estuarine wetlands, this project (West Wilson Street at Turkey Creek Bridge; Walton County; Choctawhatchee River and Bay watershed; FPID 439390-1) has been dropped by FDOT.

I-10 from SR 281 to east of Blackwater River (FPID 413062-6)

An estimated 6.724 acres of jurisdictional wetlands will be impacted by this project (10 from SR 281 to east of Blackwater River; Santa Rosa County; Pensacola Bay watershed; FPID 413062-6). FDOT will be responsible for securing mitigation of all palustrine impacts, anticipated to consist of purchase of credits from a private mitigation bank. However, a potential for impacts to estuarine wetlands exists where I-10 crosses the Blackwater River (a breakdown of the estimated 6.724 acres of impact between palustrine and estuarine wetlands was not available at the time of the Review Team meeting). If type-for-type mitigation is required to offset any estuarine impacts, it was proposed that credits be debited from the Dutex ILF mitigation site (NFWFMD In-Lieu Fee Mitigation Program; 7.12 estuarine credits currently available). Although the impact is outside the Dutex service area, the NFWFMD In-Lieu Fee Mitigation Program instrument allows for out-of-service-area mitigation for FDOT projects with concurrence of permitting authorities. FDEP indicated that a review of cumulative wetland impacts within the impact basin and justification would likely be necessary prior to issuance of ERP or 404 permits allowing out-of-service area mitigation. Online sources indicate (subject to verification) that any potential estuarine impact associated with this FDOT road project is within waters retained by the USACE for 404 permitting purposes. Final decisions on mitigation rest with permitting authorities.

US 98 from Ortega Street to Santa Rosa / Okaloosa County Line (FPID 220426-5)

Located adjacent to Santa Rosa Sound (Santa Rosa County; Pensacola Bay System watershed; FPID 220426-5), this project is not within the service area of any private mitigation bank or ILF site. Estimates of potential wetland impact have not been completed at this time. If mitigation is required and alternatives cannot be identified, out-of-service-area use of the Dutex ILF site (NFWFMD In-Lieu Fee Mitigation Program) was proposed (out-of-service area usage is allowed by the ILF instrument with concurrence of permitting authorities). A review of cumulative wetland impacts within the impact basin and justification would likely be necessary prior to issuance of ERP or 404 permits. Out-of-service area mitigation to enable this FDOT project to move forward would be pursued only if feasible alternatives within the Santa Rosa Sound basin were not identified). Online sources indicate this impact is within waters assumed by FDEP for 404 permitting purposes. Final mitigation decisions rest with permitting authorities.

I-10 from 2 miles west of Wilkerson Bluff Road to east of Yellow River (FPID 441038-3)

Located in Okaloosa County in the Yellow River basin (Pensacola Bay System watershed), this estimated 1.80-acre impact is not located within any private mitigation bank service, although it is within the service area of the Yellow River Ranch ILF site (NFWFMD In-Lieu Fee Mitigation Program; 5.78 state and 11.81 federal credits currently available; 2.47 credits currently reserved for I-10 Antioch Interchange; a Final Credit Release of 5.59 credits is expected within the next several years). Mitigation of this impact at the Yellow River Ranch ILF site may be possible, though because of multiple, upcoming FDOT impacts in the Yellow River basin, sufficient credits may be lacking to fully cover all of FDOT's needs. Out-of-service-area use of the Sand Hill Lakes Mitigation Bank (banking instrument allows out-of-service-area mitigation for FDOT projects

with the concurrence of permitting authorities) may be considered if use of Yellow River Ranch ILF is not feasible or if other alternatives are not identified. A review of cumulative wetland impacts within the impact basin and justification would likely be necessary prior to issuance of ERP or 404 permits allowing out-of-service area mitigation at the Sand Hill Lakes Mitigation Bank. Online sources indicate (subject to verification) that potential wetland impacts occur both within waters retained by the USACE for 404 permitting purposes and within waters assumed by FDEP. Final decisions on mitigation rest with permitting authorities.

I-10 from east of Yellow River to SR 85 (FPID 441038-4)

Located in Okaloosa County in the Yellow River basin (Pensacola Bay System watershed), this estimated 0.50-acre impact is not located within any private mitigation bank service, although it is within the service area of the Yellow River Ranch ILF site (NFWFMD In-Lieu Fee Mitigation Program; 5.78 state and 11.81 federal credits currently available; 2.47 credits currently reserved for I-10 Antioch Interchange; a Final Credit Release of 5.59 credits is expected within the next several years). Mitigation of this impact at the Yellow River Ranch ILF site may be possible, though because of multiple upcoming FDOT impacts in the Yellow River basin, sufficient credits may be lacking to fully cover all of FDOT's needs. Out-of-service-area use of the Sand Hill Lakes Mitigation Bank (banking instrument allows out-of-service-area mitigation for FDOT projects with the concurrence of permitting authorities) may be considered if use of Yellow River Ranch ILF is not feasible or if other alternatives are not identified. A review of cumulative wetland impacts within the impact basin and justification would likely be necessary prior to issuance of ERP or 404 permits allowing out-of-service area mitigation at the Sand Hill Lakes Mitigation Bank. Online sources indicate this impact is within waters assumed by FDEP for 404 permitting purposes. Final mitigation decisions rest with permitting authorities.

I-10 from Santa Rosa/Okaloosa County Line to SR 189 Log Lake Road (FPID 413062-5)

Located in Okaloosa County in the Yellow River basin (Pensacola Bay System watershed), this impact (wetland acreage TBD) is not located within any private mitigation bank service, although it is within the service area of the Yellow River Ranch ILF site (NFWFMD In-Lieu Fee Mitigation Program; 5.78 state and 11.81 federal credits currently available; 2.47 credits currently reserved for I-10 Antioch Interchange; a Final Credit Release of 5.59 credits is expected within the next several years). Mitigation of this impact at the Yellow River Ranch ILF site may be possible, though because of multiple upcoming FDOT impacts in the Yellow River basin, sufficient credits may be lacking to fully cover all of FDOT's needs. Out-of-service-area use of the Sand Hill Lakes Mitigation Bank (banking instrument allows out-of-service-area mitigation for FDOT projects with the concurrence of permitting authorities) may be considered if use of Yellow River Ranch ILF is not feasible or if other alternatives are not identified. A review of cumulative wetland impacts within the impact basin and justification would likely be necessary prior to issuance of ERP or 404 permits allowing out-of-service area mitigation at the Sand Hill Lakes Mitigation Bank. Online sources indicate this impact is within waters assumed by FDEP for 404 permitting purposes. Final mitigation decisions rest with permitting authorities.

I-10 from SR 189 Log Lake Road to 2 miles west of Wilkerson Bluff Road (FPID 441038-2)

Located in Okaloosa County in the Yellow River basin (Pensacola Bay System watershed), this estimated 0.50-acre impact is not located within any private mitigation bank service, although it is within the service area of the Yellow River Ranch ILF site (NFWMD In-Lieu Fee Mitigation Program; 5.78 state and 11.81 federal credits currently available; 2.47 credits currently reserved for I-10 Antioch Interchange; a Final Credit Release of 5.59 credits is expected within the next several years). Mitigation of this impact at the Yellow River Ranch ILF site may be possible, though because of multiple upcoming FDOT impacts in the Yellow River basin, sufficient credits may be lacking to fully cover all of FDOT's needs. Out-of-service-area use of the Sand Hill Lakes Mitigation Bank (banking instrument allows out-of-service-area mitigation for FDOT projects with the concurrence of permitting authorities) may be considered if use of Yellow River Ranch ILF is not feasible or if other alternatives are not identified. A review of cumulative wetland impacts within the impact basin and justification would likely be necessary prior to issuance of ERP or 404 permits allowing out-of-service area mitigation at the Sand Hill Lakes Mitigation Bank. Online sources indicate this impact is within waters assumed by FDEP for 404 permitting purposes. Final mitigation decisions rest with permitting authorities.

I-10 from SR 87 to Miller Bluff Road (FPID 413062-8)

Located in Okaloosa County in the Yellow River basin (Pensacola Bay System watershed), this estimated 0.03-acre impact is not located within any private mitigation bank service, although it is within the service area of the Yellow River Ranch ILF site (NFWMD In-Lieu Fee Mitigation Program; 5.78 state and 11.81 federal credits currently available; 2.47 credits currently reserved for I-10 Antioch Interchange; a Final Credit Release of 5.59 credits is expected within the next several years). Mitigation of this impact at the Yellow River Ranch ILF site may be possible, though because of multiple upcoming FDOT impacts in the Yellow River basin, sufficient credits may be lacking to fully cover all of FDOT's needs. Out-of-service-area use of the Sand Hill Lakes Mitigation Bank (banking instrument allows out-of-service-area mitigation for FDOT projects with the concurrence of permitting authorities) may be considered if use of Yellow River Ranch ILF is not feasible or if other alternatives are not identified. A review of cumulative wetland impacts within the impact basin and justification would likely be necessary prior to issuance of ERP or 404 permits allowing out-of-service area mitigation at the Sand Hill Lakes Mitigation Bank. Online sources indicate this impact is within waters assumed by FDEP for 404 permitting purposes. Final mitigation decisions rest with permitting authorities.

SR 85 from PJ Adams PKWY to I-10 (FPID 220171-6)

Located in Okaloosa County in the Yellow River basin (Pensacola Bay System watershed), this estimated 0.91-acre impact is not located within any private mitigation bank service, although it is within the service area of the Yellow River Ranch ILF site (NFWMD In-Lieu Fee Mitigation Program; 5.78 state and 11.81 federal credits currently available; 2.47 credits currently reserved for I-10 Antioch Interchange; a Final Credit Release of 5.59 credits is expected within the next several years). Mitigation of this impact at the Yellow River Ranch ILF site may be

possible, though because of multiple upcoming FDOT impacts in the Yellow River basin, sufficient credits may be lacking to fully cover all of FDOT's needs. Out-of-service-area use of the Sand Hill Lakes Mitigation Bank (banking instrument allows out-of-service-area mitigation for FDOT projects with the concurrence of permitting authorities) may be considered if use of Yellow River Ranch ILF is not feasible or if other alternatives are not identified. A review of cumulative wetland impacts within the impact basin and justification would likely be necessary prior to issuance of ERP or 404 permits allowing out-of-service area mitigation at the Sand Hill Lakes Mitigation Bank. Online sources indicate this impact is within waters assumed by FDEP for 404 permitting purposes. Final mitigation decisions rest with permitting authorities.

SR 85 from SR 210 McWhorter Avenue to PJ Adams PKWY (FPID 220171-5)

Located in Okaloosa County in the Yellow River basin (Pensacola Bay System watershed), this estimated 5.27-acre impact is not located within any private mitigation bank service, although it is within the service area of the Yellow River Ranch ILF site (NFWMD In-Lieu Fee Mitigation Program; 5.78 state and 11.81 federal credits currently available; 2.47 credits currently reserved for I-10 Antioch Interchange; a Final Credit Release of 5.59 credits is expected within the next several years). Mitigation of this impact at the Yellow River Ranch ILF site may be possible, though because of multiple upcoming FDOT impacts in the Yellow River basin, sufficient credits may be lacking to fully cover all of FDOT's needs. Out-of-service-area use of the Sand Hill Lakes Mitigation Bank (banking instrument allows out-of-service-area mitigation for FDOT projects with the concurrence of permitting authorities) may be considered if use of Yellow River Ranch ILF is not feasible or if other alternatives are not identified. A review of cumulative wetland impacts within the impact basin and justification would likely be necessary prior to issuance of ERP or 404 permits allowing out-of-service area mitigation at the Sand Hill Lakes Mitigation Bank. Online sources indicate (subject to verification) that potential wetland impacts occur both within waters retained by the USACE for 404 permitting purposes and within waters assumed by FDEP. Final decisions on mitigation rest with permitting authorities.

Other FDOT impacts

US 98 Brooks Bridge (FPID 415474-2). FDOT is moving forward with replacement of the US 98 Brooks Bridge (straddling the divide between Santa Rosa Sound and Choctawhatchee Bay) in Okaloosa County in Fort Walton Beach (design-build contract letting scheduled for 3/24/2022). An estimated 0.92 acres of estuarine and other wetlands will be impacted by this project, with an estimated functional loss of 0.52 UMAM units. Per the "2018 Regional Mitigation Plan Update," FDOT is expected to propose purchase of mitigation credits from the Live Oak Point Living Shorelines ILF project ledger (NFWMD In-Lieu Fee Mitigation Program). The Live Oak Point Living Shorelines ILF project has 0.52 estuarine credits currently available, with an additional 2.09 estuarine credits expected to be generated as implementation of the Live Oak Point project proceeds. Online sources indicate (subject to verification) that this FDOT road project is within waters retained by the USACE for 404 permitting purposes. Final decisions on mitigation rest with permitting authorities.

SR 87 from 4-Lane Section to Coldwater Creek (FPID 416748-2). FDOT has not scheduled a contract letting date for this road project in Santa Rosa County (Pensacola Bay System watershed; Blackwater River basin). An estimated 10.89-acre impact (7.25 UMAM functional loss), the southern portion occurs within a private mitigation bank service area whereas the northern portion is outside any mitigation bank or ILF service area. As described in the “2016 Regional Mitigation Plan Update,” the NFWFMD will develop mitigation options for this project only if FDOT is not able to fully mitigate at a private mitigation bank. Online sources indicate (subject to verification) that potential wetland impacts occur both within waters retained by the USACE for 404 permitting purposes and within waters assumed by FDEP. Final decisions on mitigation rest with permitting authorities.

SR 87 from CR 178 to SR 4 (FPID 416748-6). A contract letting date for this road project in Santa Rosa County (Pensacola Bay System watershed; Blackwater River basin) has not been scheduled. Estimated as a 2.71-acre impact (functional assessments have not been provided), it is not within the service area of any mitigation bank or ILF project. If FDOT moves ahead with this project, the NFWFMD will endeavor, if feasible, to develop mitigation options in the Blackwater River basin (“2016 Regional Mitigation Plan Update”). Online sources indicate this impact is within waters assumed by FDEP for 404 permitting purposes. Final mitigation decisions rest with permitting authorities.

Other Business

The meeting concluded with NFWFMD staff briefly describing highlights of recent restoration activities at several mitigation sites (e.g., prescribed fire; planting of wiregrass; construction status of the Live Oak Point Living Shorelines breakwater; potential implementation of a living shoreline / breakwater at the Dutex ILF site).

ATTACHMENTS

Agenda

PowerPoint Presentation

FDOT District-3 Mitigation Review Team Meeting

February 23, 2022 (WED)

10 AM EST / 9 AM CST

Virtual Meeting

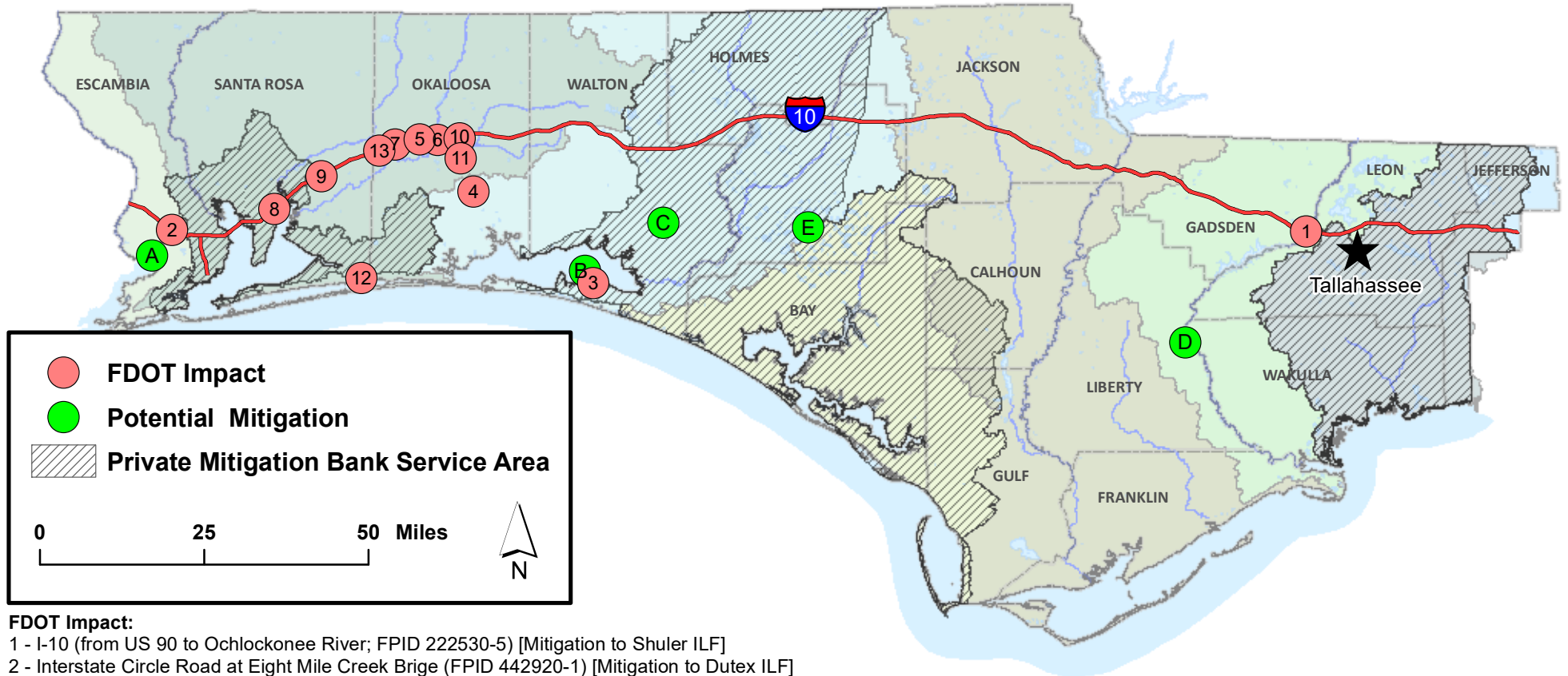
Purpose—to consult with federal and state agencies in developing mitigation plans for FDOT impacts (mandated by section 373.4137, Florida Statutes).

- Interstate Circle Road at Eight Mile Creek Bridge; FPID 442920-1; Escambia County; Perdido River and Bay watershed; estimated impact acreage TBD. Potential mitigation—use of the Dutex ILF mitigation area.
- SR 85 (from SR 123 to SR 210 McWhorter Avenue); FPID 220171-4; Okaloosa County; Choctawhatchee River and Bay watershed; estimated impact acreage TBD. Potential mitigation—use of the Lafayette Creek ILF mitigation area.
- I-10 (from US 90 to Ochlockonee River); FPID 222530-5; Gadsden County; Ochlockonee River and Bay watershed; estimated 1.74-acre impact. Potential mitigation—use of the Shuler ILF mitigation area.
- West Wilson Street at Turkey Creek Bridge; FPID 439390-1; Walton County; Choctawhatchee River and Bay watershed; estimated 0.17-acre impact to estuarine wetlands. This is an informational item—FDOT has removed this project from its Inventory. Suggested mitigation, if required, would have been use of the Live Oak Point Living Shorelines ILF mitigation area (dependent upon future credit advance or release).
- I-10 (from SR 281 to east of Blackwater River); FPID 413062-6; Santa Rosa County; Pensacola Bay System watershed; estimated 6.724-acre impact to palustrine and estuarine wetlands. FDOT will be responsible for mitigation of palustrine impacts, anticipated to consist of purchase of credits from a private mitigation bank. Potential mitigation of estuarine impacts—use of Dutex ILF mitigation area (ILF instrument allows out-of-service-area mitigation for FDOT projects with concurrence of permitting authorities).
- US 98 (from Ortega Street to Santa Rosa / Okaloosa County Line); FPID 220426-5; Santa Rosa County; Pensacola Bay System watershed; estimated impact TBD. Potential mitigation—use of Dutex ILF mitigation area if alternatives cannot be identified (ILF instrument allows out-of-service-area mitigation for FDOT projects with concurrence of permitting authorities).

- Seven impacts in Pensacola Bay System watershed (Yellow River basin) without identified mitigation; possible out-of-service-area use of Sand Hill Lakes Mitigation Bank (banking instrument allows out-of-service-area mitigation for FDOT projects with the concurrence of permitting authorities) if alternatives cannot be identified.
 - I-10 (from 2 miles west of Wilkerson Bluff Road to east of Yellow River); FPID 441038-3; Okaloosa County; estimated 1.80-acre impact.
 - I-10 (from east of Yellow River to SR 85); FPID 441038-4; Okaloosa County; estimated 0.50-acre impact.
 - I-10 (from Santa Rosa/Okaloosa County Line to SR 189 Log Lake Road); FPID 413062-5; Okaloosa County; impact TBD.
 - I-10 (from SR 189 Log Lake Road to 2 miles west of Wilkerson Bluff Road); FPID 441038-2; Okaloosa County; estimated 0.50-acre impact.
 - I-10 (from SR 87 to Miller Bluff Road); FPID 413062-8; Okaloosa County; estimated 0.03-acre impact.
 - SR 85 (from PJ Adams PKWY to I-10); FPID 220171-6; Okaloosa County; estimated 0.91-acre impact.
 - SR 85 (from SR 210 McWhorter Avenue to PJ Adams PKWY); FPID 220171-5; Okaloosa County; estimated 5.27-acre impact.
- Other FDOT impacts
 - US 98 Brooks Bridge; FPID 415474-2; Okaloosa County; Pensacola Bay System (Santa Rosa Sound).
 - SR 87 (from 4-Lane Section to Coldwater Creek); FPID 416748-2; Santa Rosa County; Pensacola Bay System (Blackwater River basin).
 - SR 87 (from CR 178 to SR 4); FPID 416748-6; Santa Rosa County; Pensacola Bay System (Blackwater River basin).
- NFWFMD Mitigation Project Status
- Open Discussion / Other Business

Mitigation Review Team Meeting (2/23/2022)

Consideration of FDOT Impacts and Potential Mitigation











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]
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- 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
- E - Sand Hill Lakes Mitigation Bank

-  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

FDOT District-3 Mitigation Review Team Meeting

23 February 2022 (Wednesday)

(Virtual Meeting)



**US Army Corps
of Engineers®**



Purpose

These Review Team meetings support compliance with Florida Statutes (§373.4137, FS) requiring consultation with federal and state entities in developing mitigation for FDOT wetland impacts.

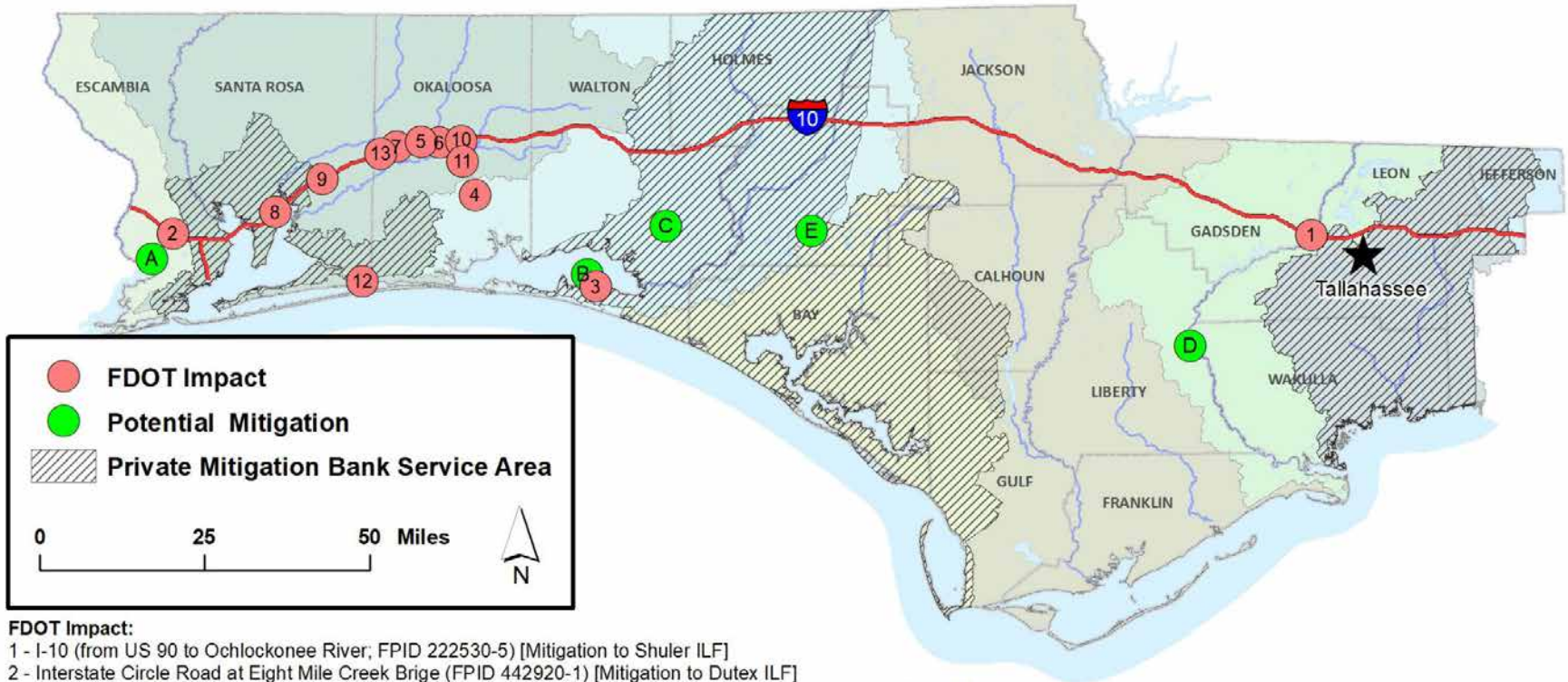
These periodic meetings are meant to facilitate long-range planning, help avoid permitting delays, and reach consensus in identifying appropriate mitigation for FDOT impacts when use of a private mitigation bank is not feasible.

Agenda

- FDOT Mitigation Needs
- NWFWMD Mitigation Program Status
- Other Business / Open Discussion

Mitigation Review Team Meeting (2/23/2022)

Consideration of FDOT Impacts and Potential Mitigation



FDOT Impact:

- 1 - I-10 (from US 90 to Ochlockonee River; FPID 222530-5) [Mitigation to Shuler ILF]
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- 10 - SR 85 (from PJ Adams Pkwy to I-10; FPID 220171-6) [Mitigation TBD]
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- 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]

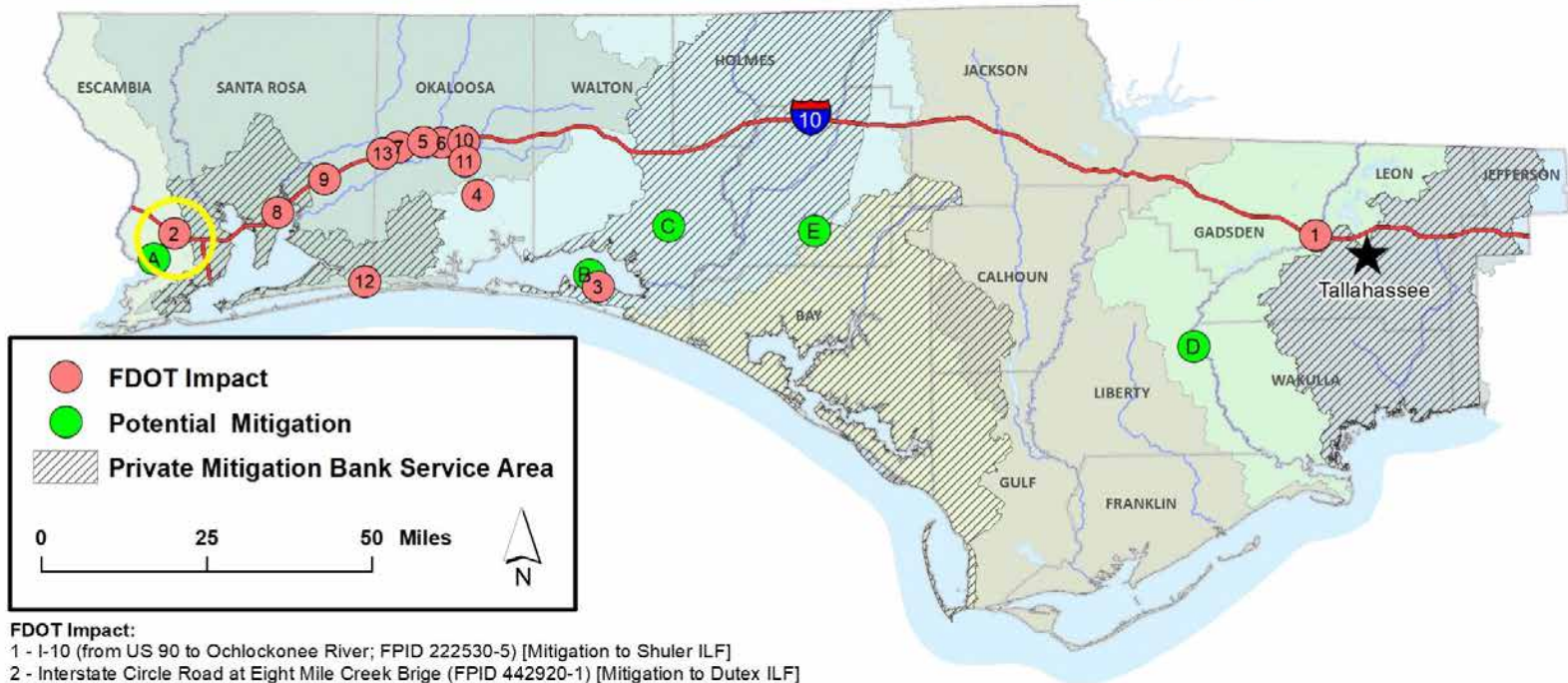
Proposed Mitigation:

- A - Dutex ILF
- B - Live Oak Point Living Shorelines ILF
- C - Lafayette Creek ILF
- D - Shuler ILF
- E - Sand Hill Lakes Mitigation Bank

- 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

Mitigation Review Team Meeting (2/23/2022)

Consideration of FDOT Impacts and Potential Mitigation



FDOT Impact:

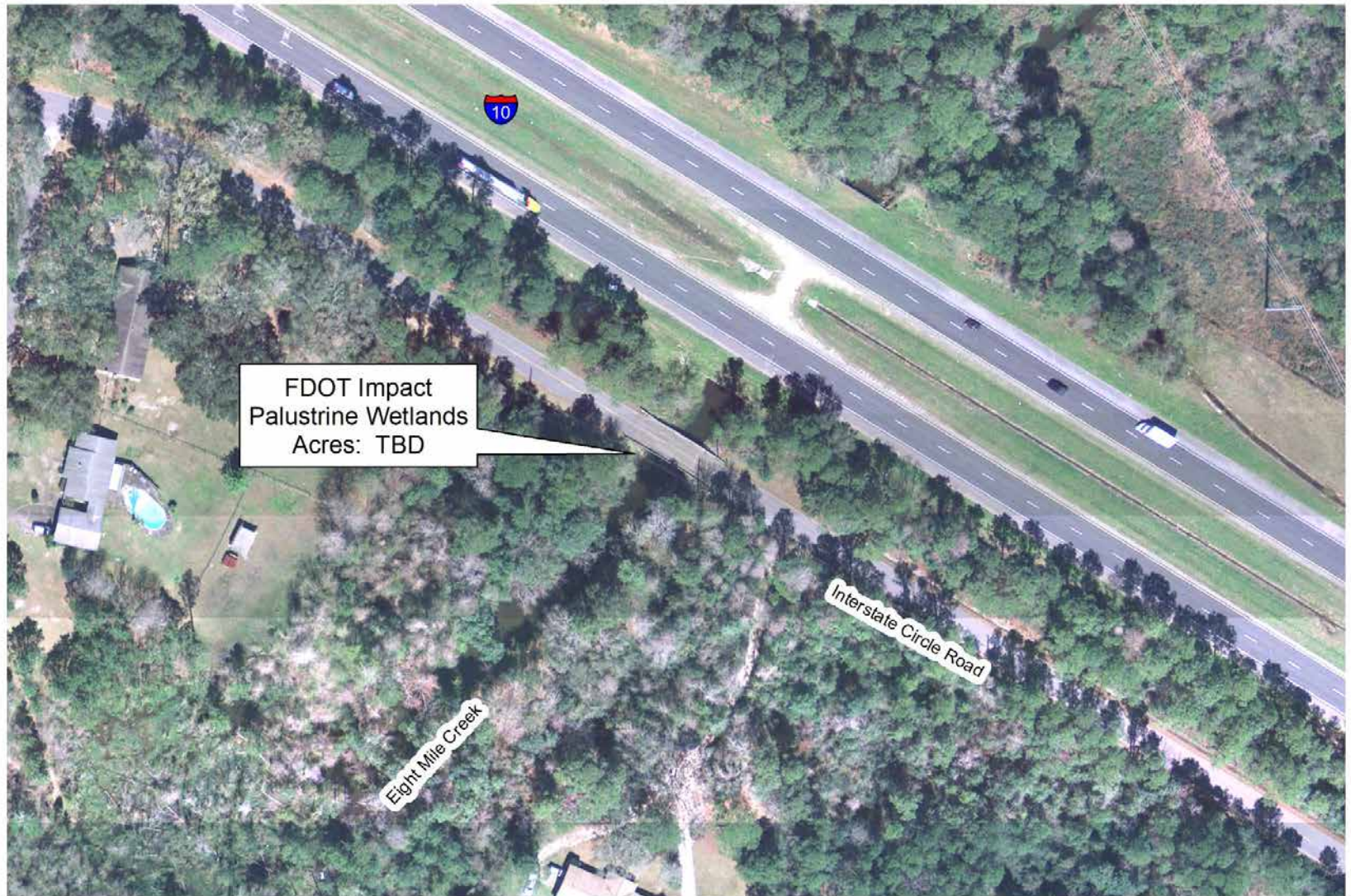
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- 12 - US 98 (from Ortega Street to Santa Rosa / Okaloosa County Line; FPID 220426-5) [Mitigation TBD]
- 13 - I-10 (from Santa Rosa / Okaloosa County Line to SR 189; FPID 413062-5) [Mitigation TBD]

Proposed Mitigation:

- A - Dutex ILF
- B - Live Oak Point Living Shorelines ILF
- C - Lafayette Creek ILF
- D - Shuler ILF
- E - Sand Hill Lakes Mitigation Bank

- 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

Interstate Circle Road at Eight Mile Creek (FPID 442920-1)

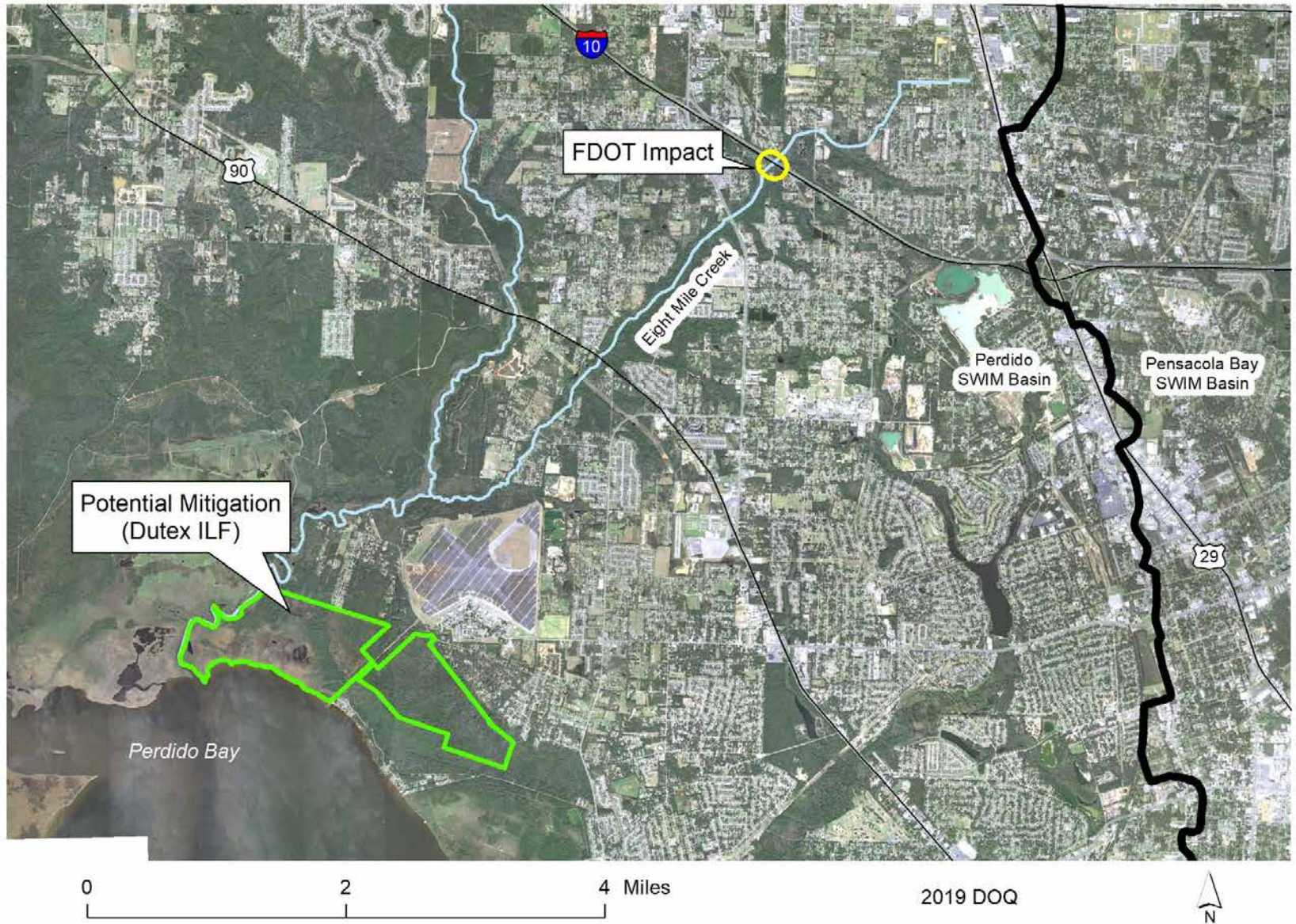


0 250 500 Feet

2019 DOQ

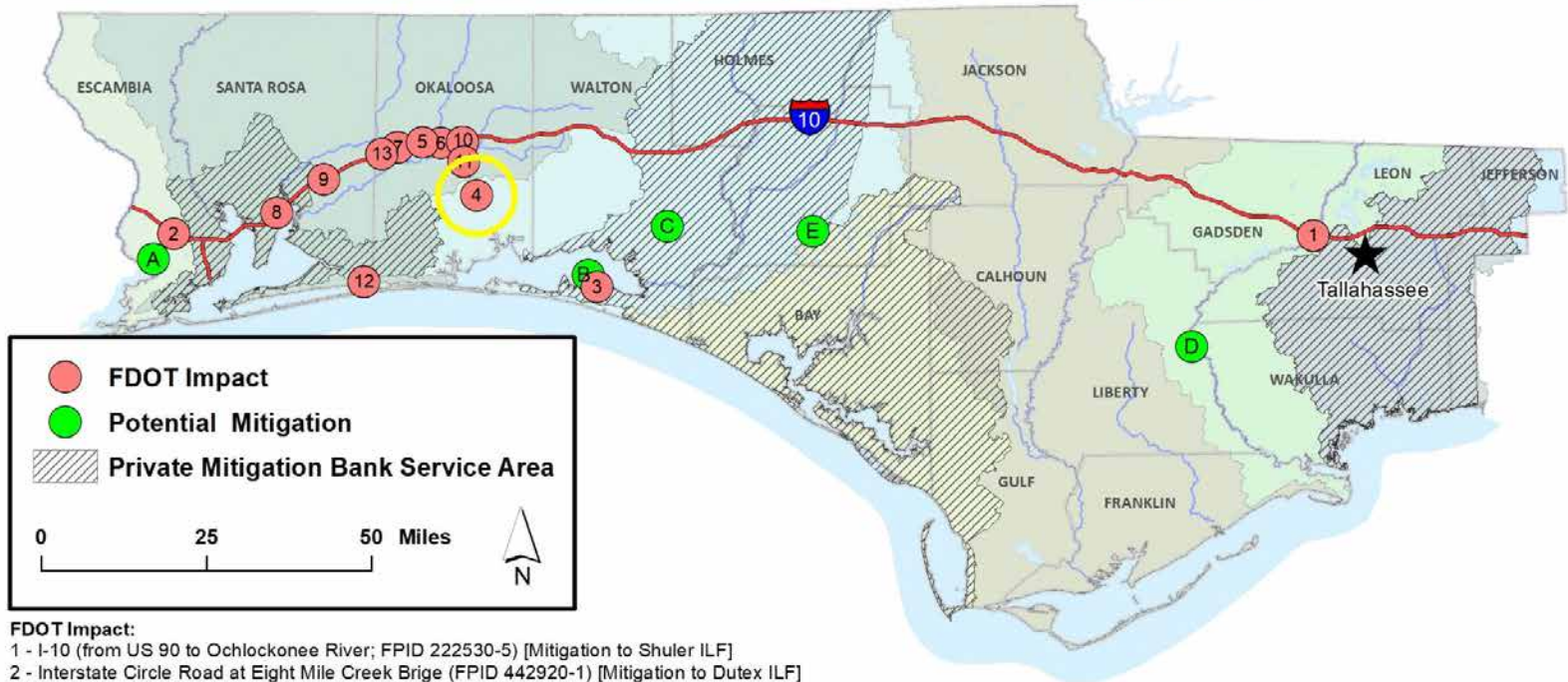


Interstate Circle Road at Eight Mile Creek (FPID 442920-1) and Dutex ILF



Mitigation Review Team Meeting (2/23/2022)

Consideration of FDOT Impacts and Potential Mitigation



FDOT Impact:

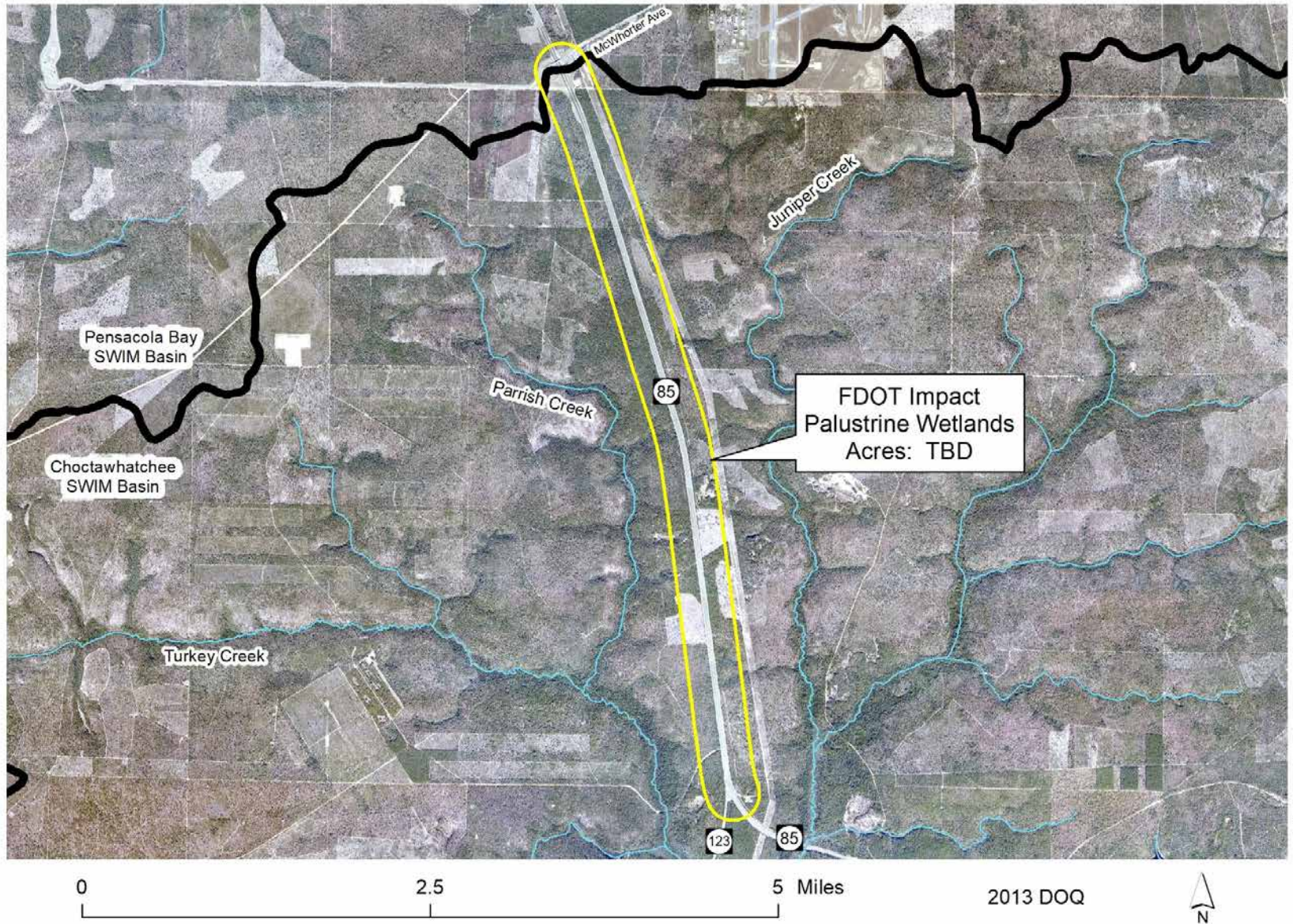
- 1 - I-10 (from US 90 to Ochlockonee River; FPID 222530-5) [Mitigation to Shuler ILF]
- 2 - Interstate Circle Road at Eight Mile Creek Brige (FPID 442920-1) [Mitigation to Dutex ILF]
- 3 - West Wilson Street at Turkey Creek Bridge (FPID 439390-1) [Mitigation to Live Oak Point Living Shorelines ILF]
- 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]
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- 13 - I-10 (from Santa Rosa / Okaloosa County Line to SR 189; FPID 413062-5) [Mitigation TBD]

Proposed Mitigation:

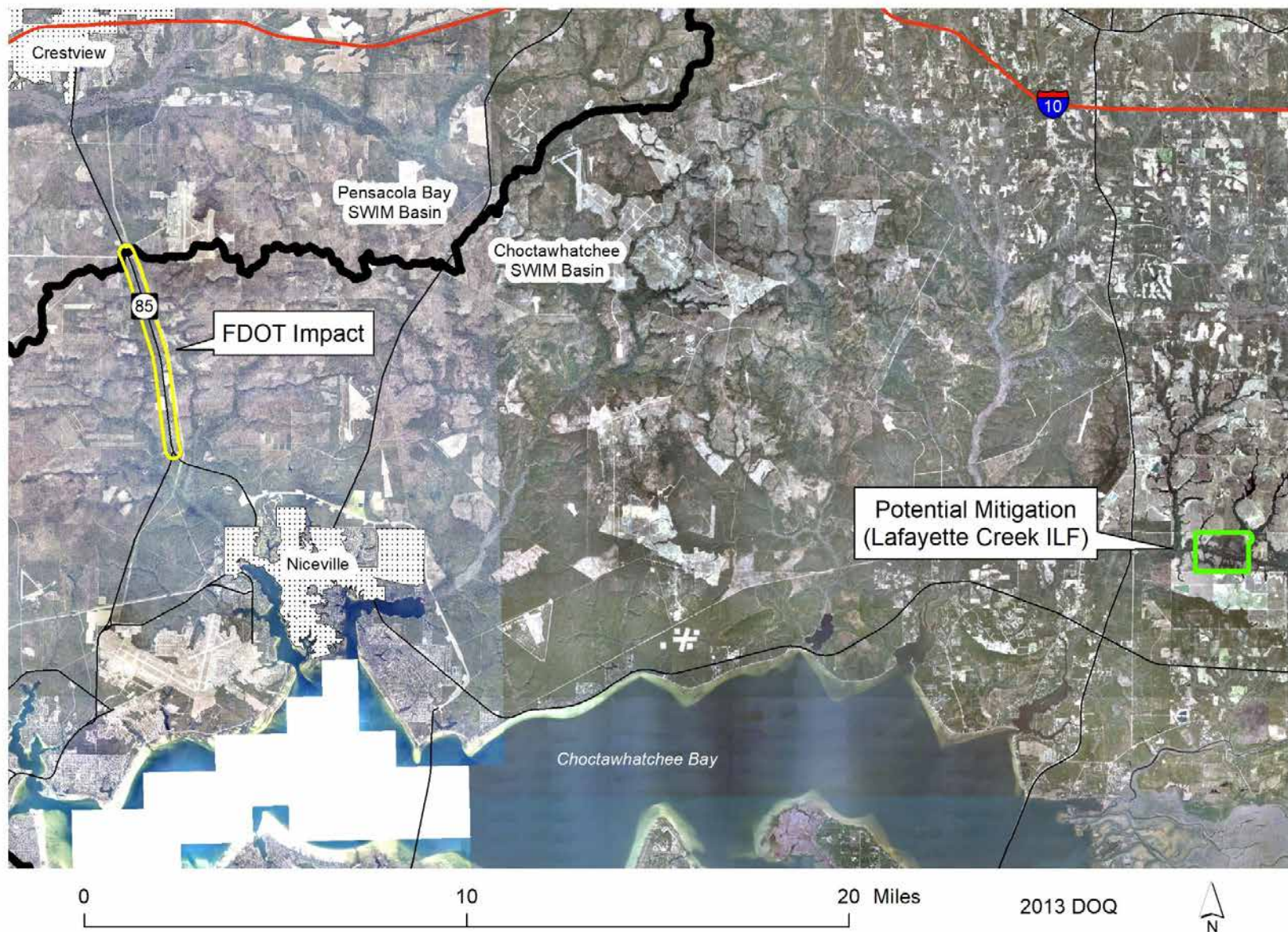
- A - Dutex ILF
- B - Live Oak Point Living Shorelines ILF
- C - Lafayette Creek ILF
- D - Shuler ILF
- E - Sand Hill Lakes Mitigation Bank

- Private Mitigation Bank Service Area (Hatched 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

SR 85 (from SR 123 to McWhorter Ave.; FPID 220171-4)

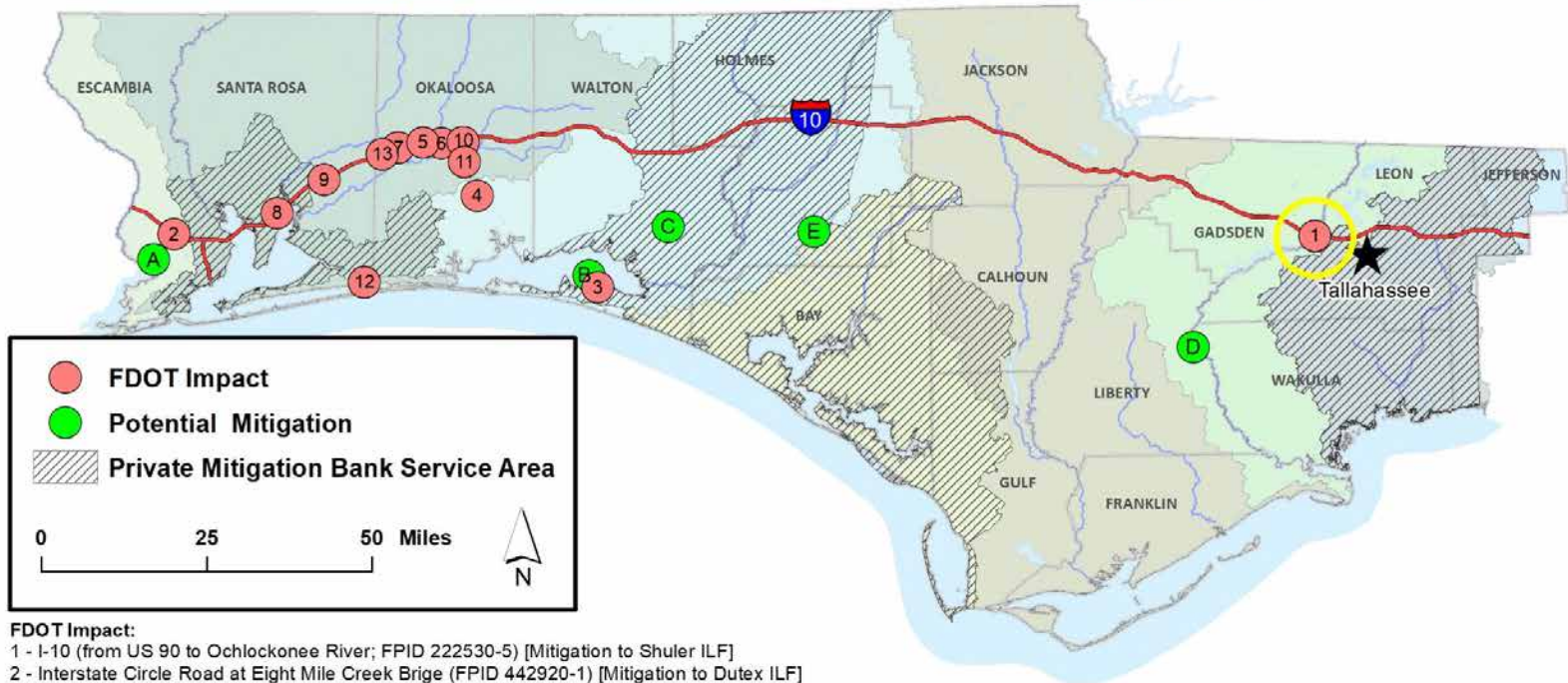


SR 85 (from SR 123 to SR 210; FPID 220171-4) and Lafayette Creek ILF



Mitigation Review Team Meeting (2/23/2022)

Consideration of FDOT Impacts and Potential Mitigation



FDOT Impact:

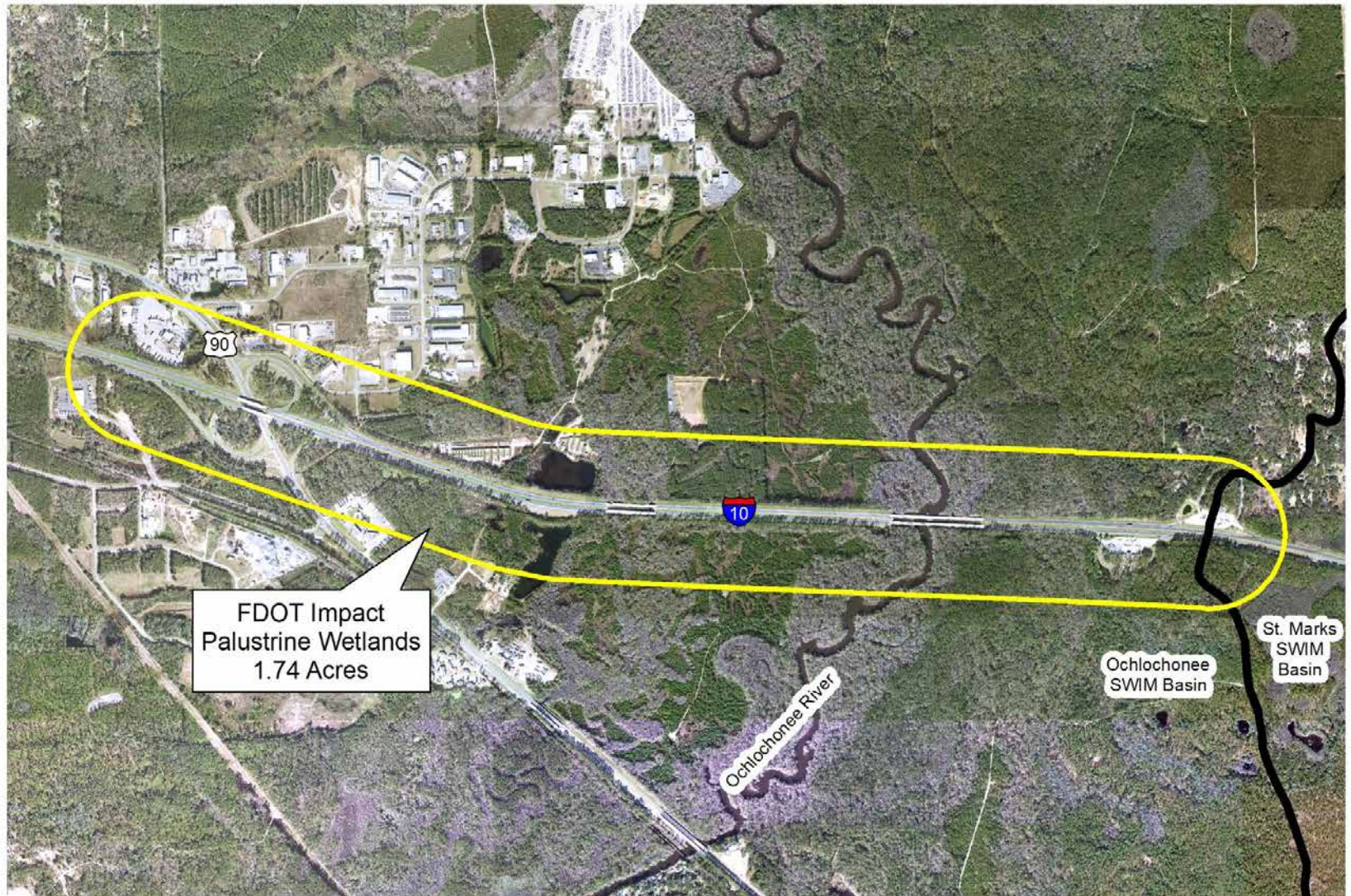
- 1 - I-10 (from US 90 to Ochlockonee River; FPID 222530-5) [Mitigation to Shuler ILF]
- 2 - Interstate Circle Road at Eight Mile Creek Brige (FPID 442920-1) [Mitigation to Dutex ILF]
- 3 - West Wilson Street at Turkey Creek Bridge (FPID 439390-1) [Mitigation to Live Oak Point Living Shorelines ILF]
- 4 - SR 85 (from SR 123 to SR 210; FPID 220171-4) [Mitigation to Lafayette Creek ILF]
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- Choctawhatchee River and Bay
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- Pensacola Bay System
- Perdido River and Bay
- St. Andrew Bay
- St. Marks River and Apalachee Bay

I-10 (from US 90 to Ochlochonee River; FPID 222530-5)

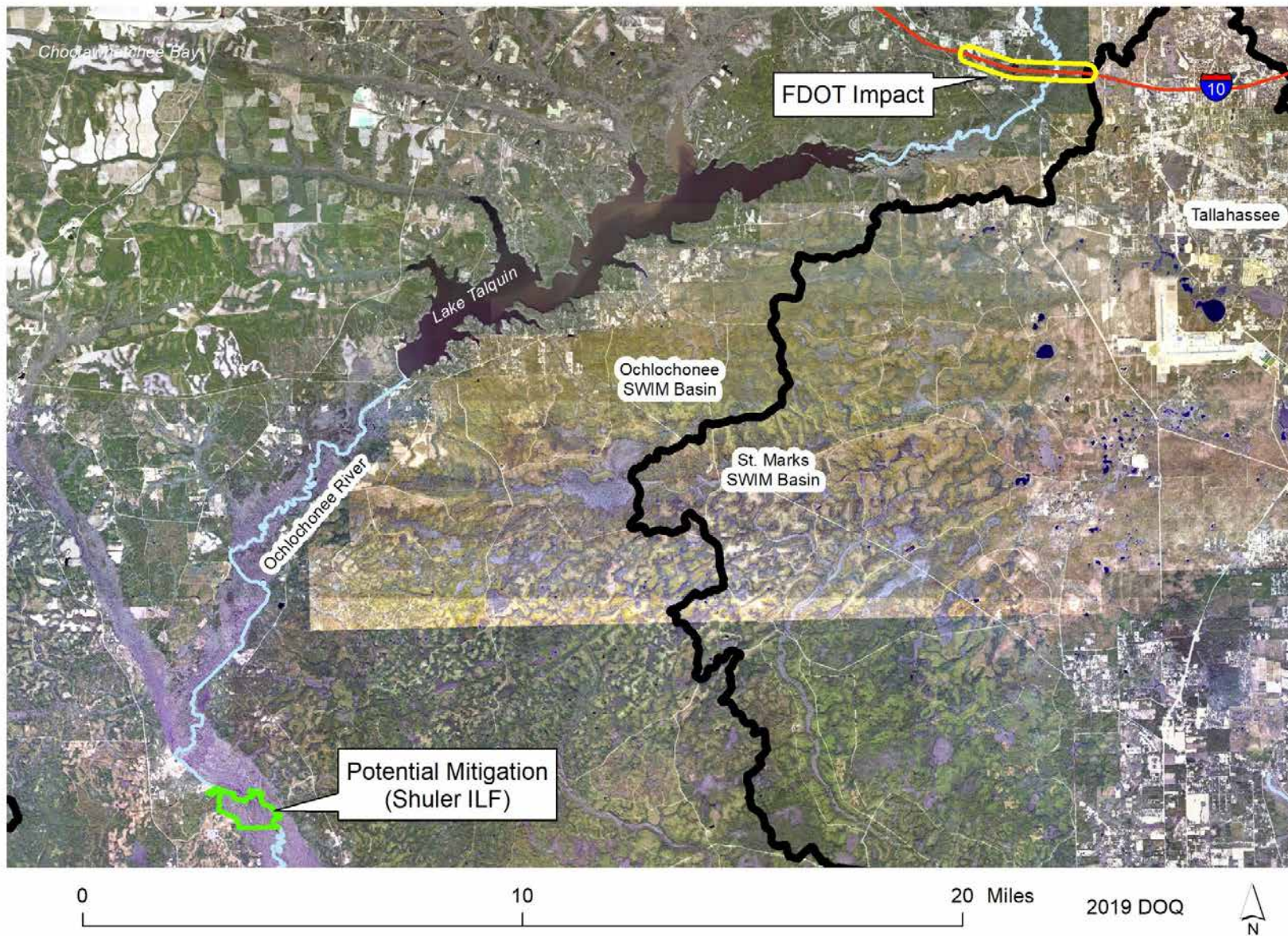


0 0.5 1 Miles

2019 DOQ

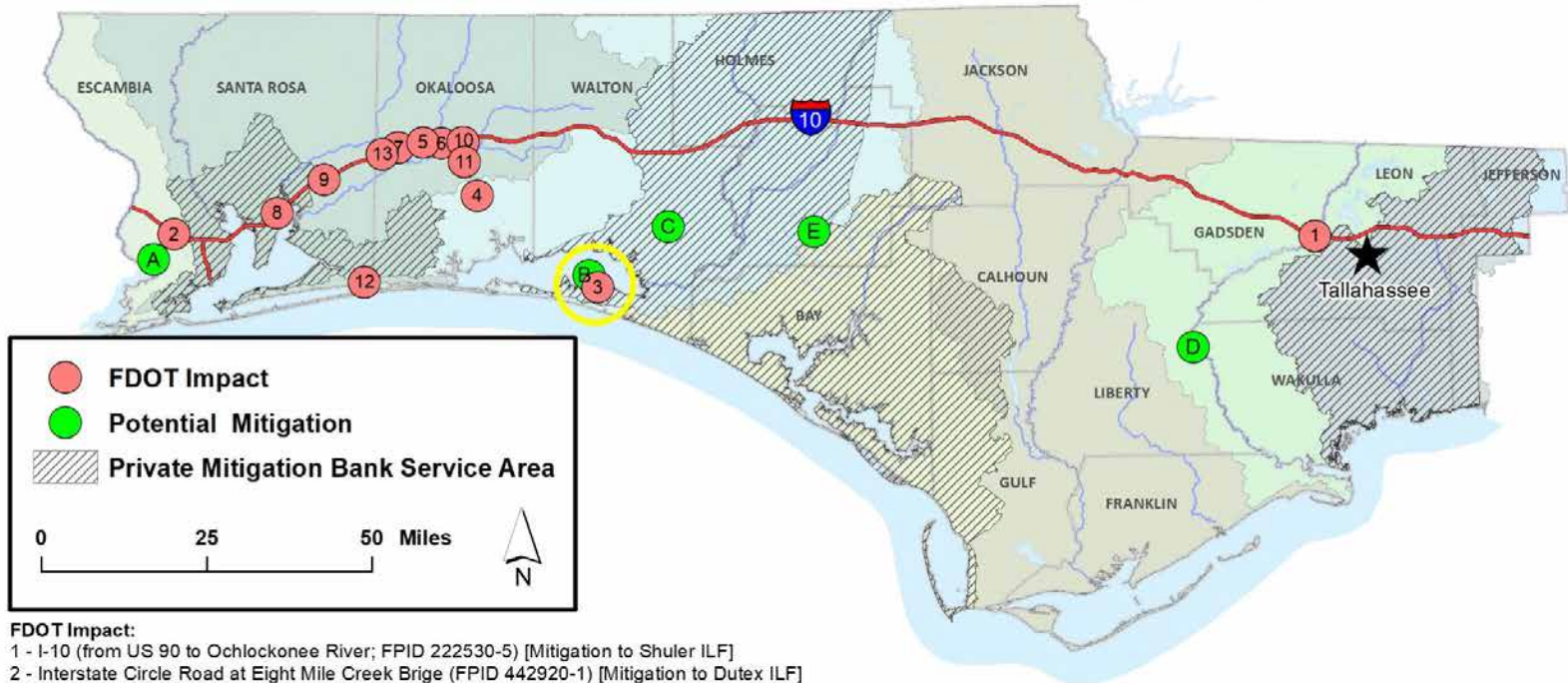


I-10 (from US 90 to Ochlockonee River; FPID 220530-5) and Shuler ILF



Mitigation Review Team Meeting (2/23/2022)

Consideration of FDOT Impacts and Potential Mitigation



FDOT Impact:

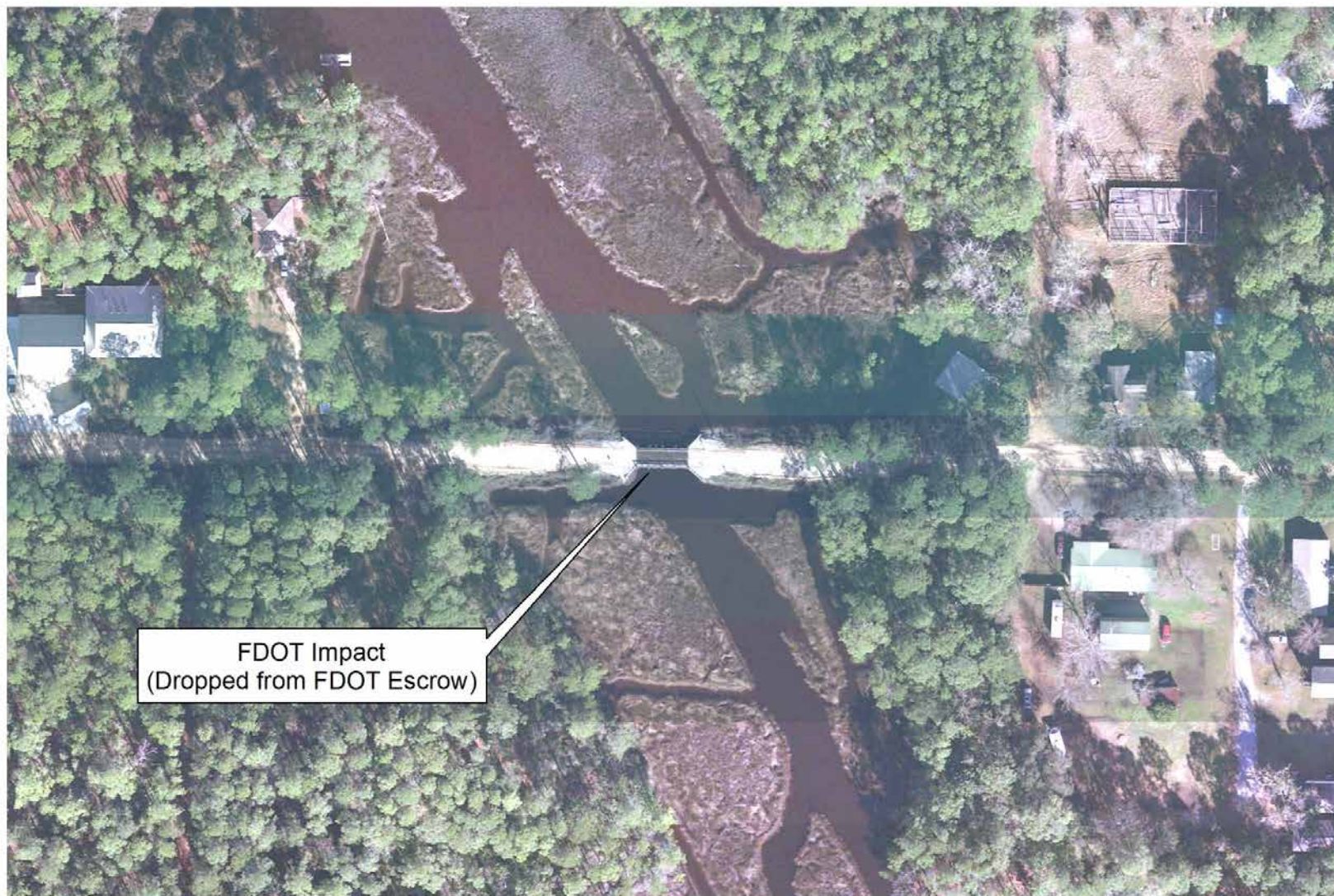
- 1 - I-10 (from US 90 to Ochlockonee River; FPID 222530-5) [Mitigation to Shuler ILF]
- 2 - Interstate Circle Road at Eight Mile Creek Brige (FPID 442920-1) [Mitigation to Dutex ILF]
- 3 - West Wilson Street at Turkey Creek Bridge (FPID 439390-1) [Mitigation to Live Oak Point Living Shorelines ILF]
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Proposed Mitigation:

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- E - Sand Hill Lakes Mitigation Bank

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

West Wilson Road at Turkey Creek (FPID 439390-1)



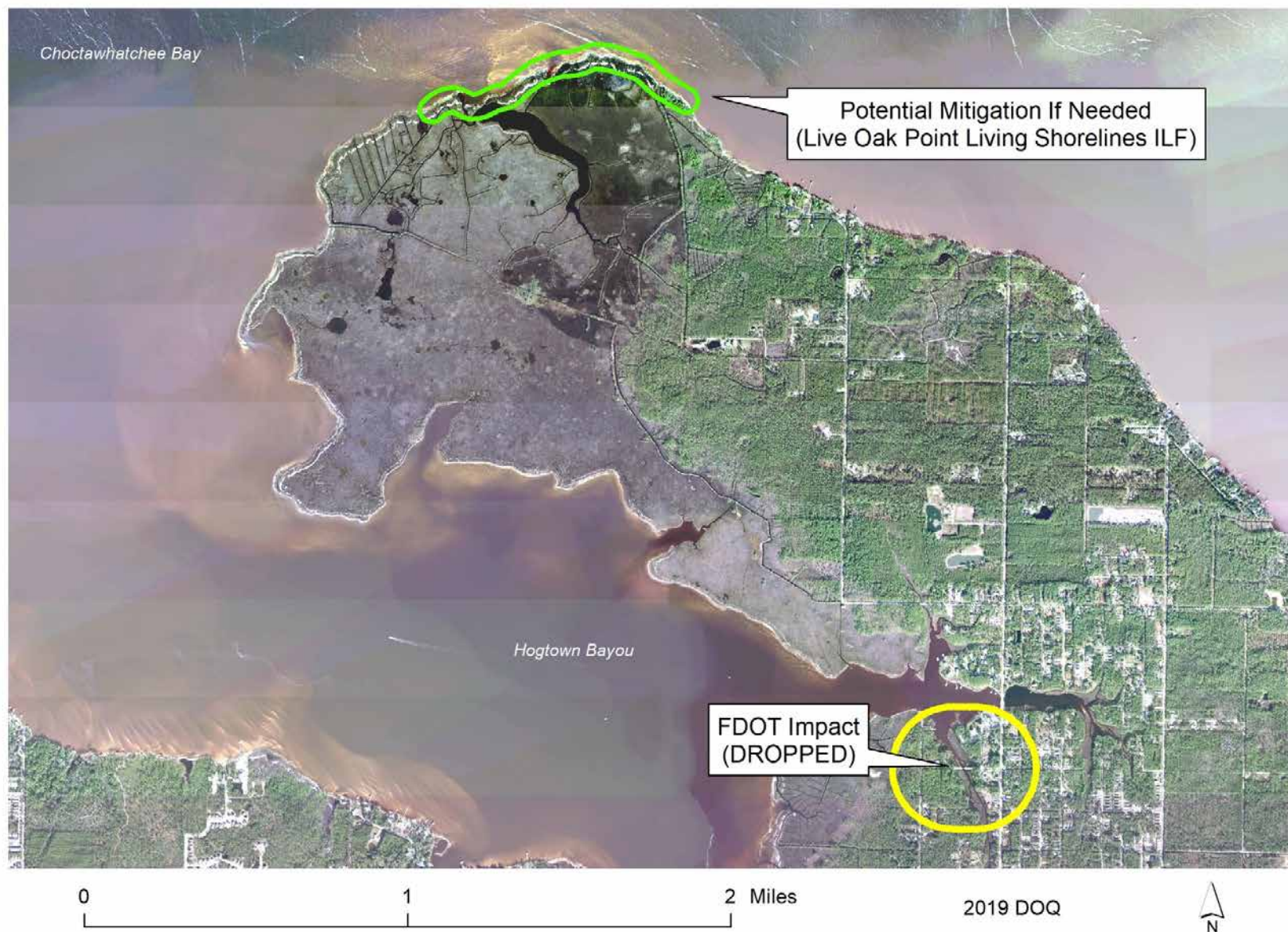
FDOT Impact
(Dropped from FDOT Escrow)

0 250 500 Feet

2019 DOQ

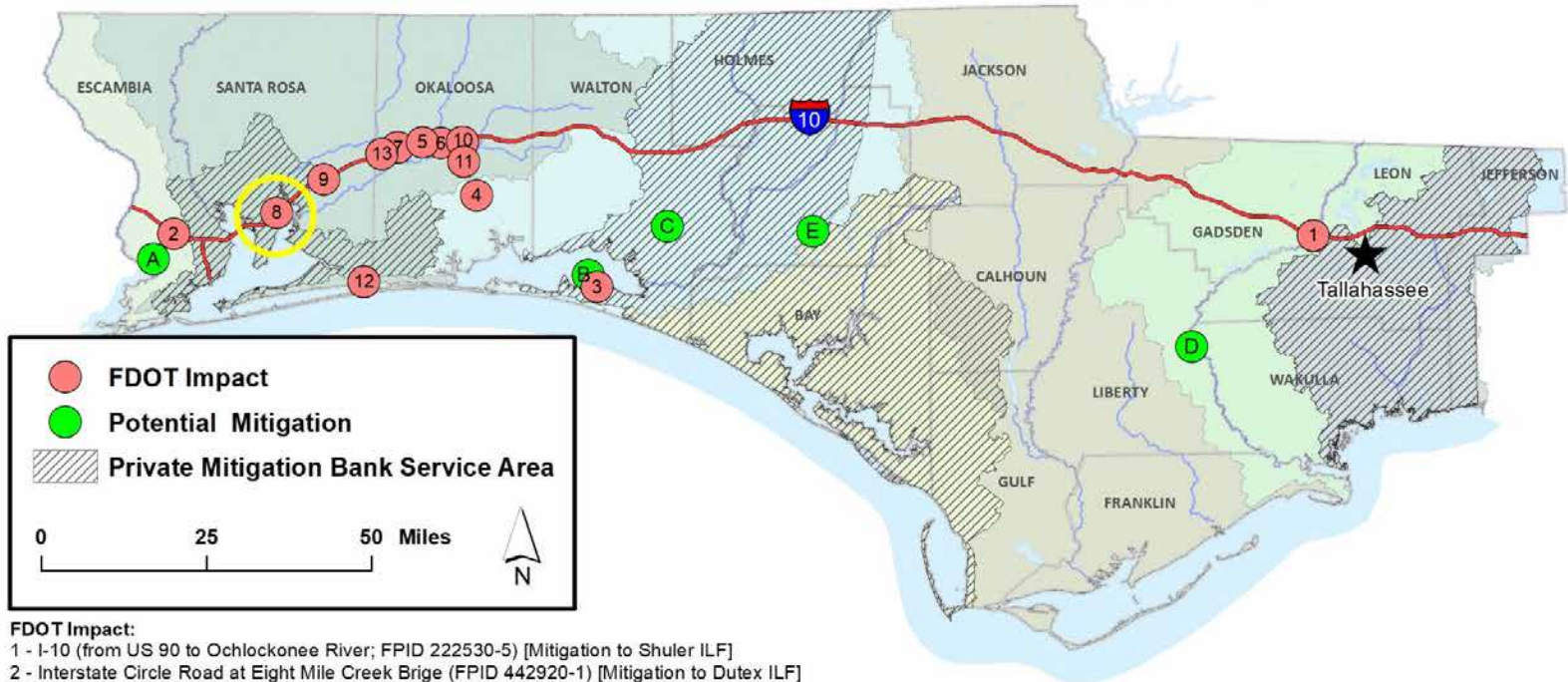


West Wilson Street at Turkey Creek (FPID 439390-1) and Live Oak Point Living Shorelines ILF



Mitigation Review Team Meeting (2/23/2022)

Consideration of FDOT Impacts and Potential Mitigation



FDOT Impact:

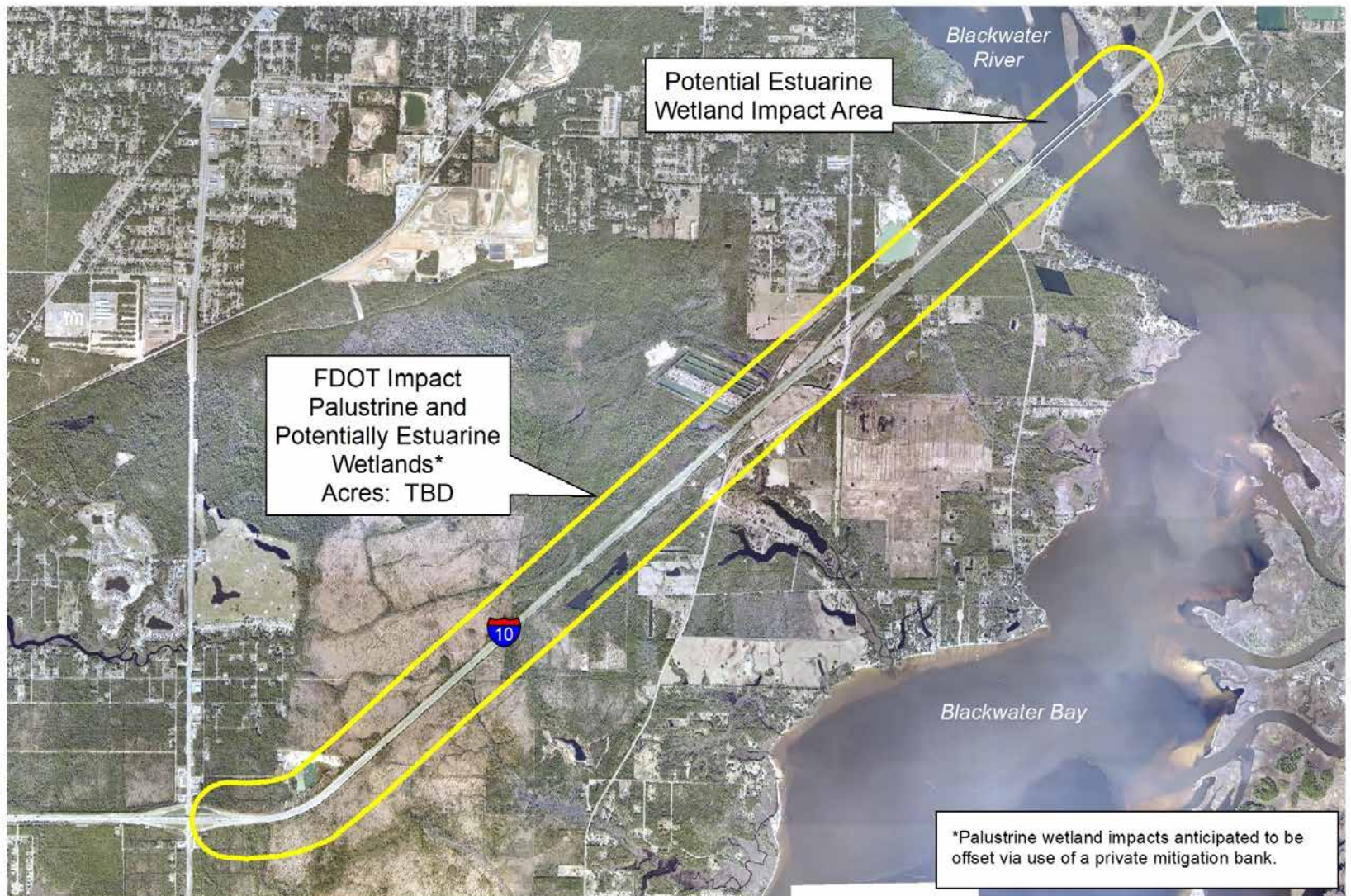
- 1 - I-10 (from US 90 to Ochlockonee River; FPID 222530-5) [Mitigation to Shuler ILF]
- 2 - Interstate Circle Road at Eight Mile Creek Brige (FPID 442920-1) [Mitigation to Dutex ILF]
- 3 - West Wilson Street at Turkey Creek Bridge (FPID 439390-1) [Mitigation to Live Oak Point Living Shorelines ILF]
- 4 - SR 85 (from SR 123 to SR 210; FPID 220171-4) [Mitigation to Lafayette Creek ILF]
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Proposed Mitigation:

- A - Dutex ILF
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- E - Sand Hill Lakes Mitigation Bank

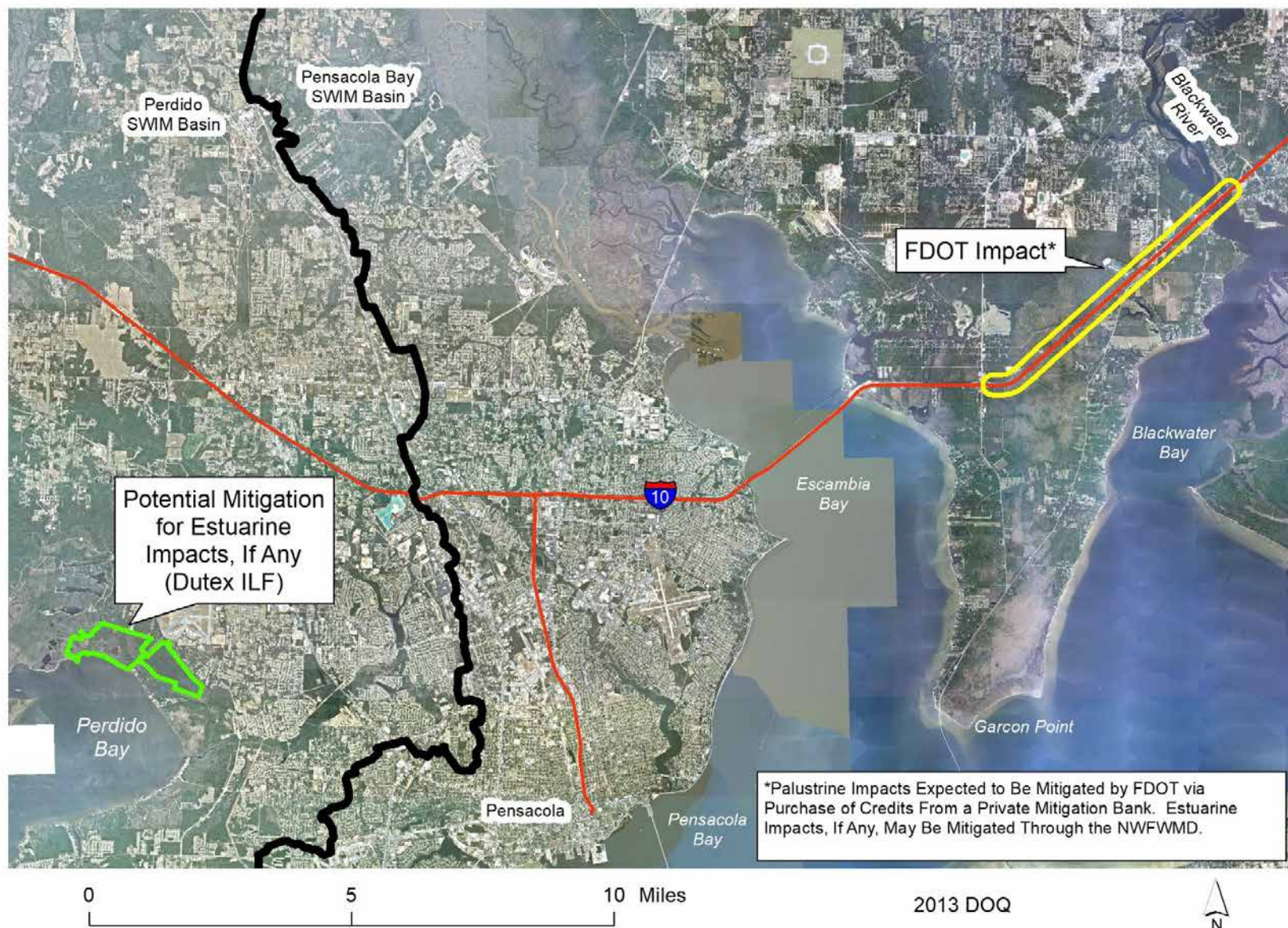
- Private Mitigation Bank Service Area
- Apalachicola River and Bay
- Choctawhatchee River and Bay
- Ochlockonee River and Bay
- Pensacola Bay System
- Perdido River and Bay
- St. Andrew Bay
- St. Marks River and Apalachee Bay

I-10 (from SR 281 to East of Blackwater River; FPID 413062-6)



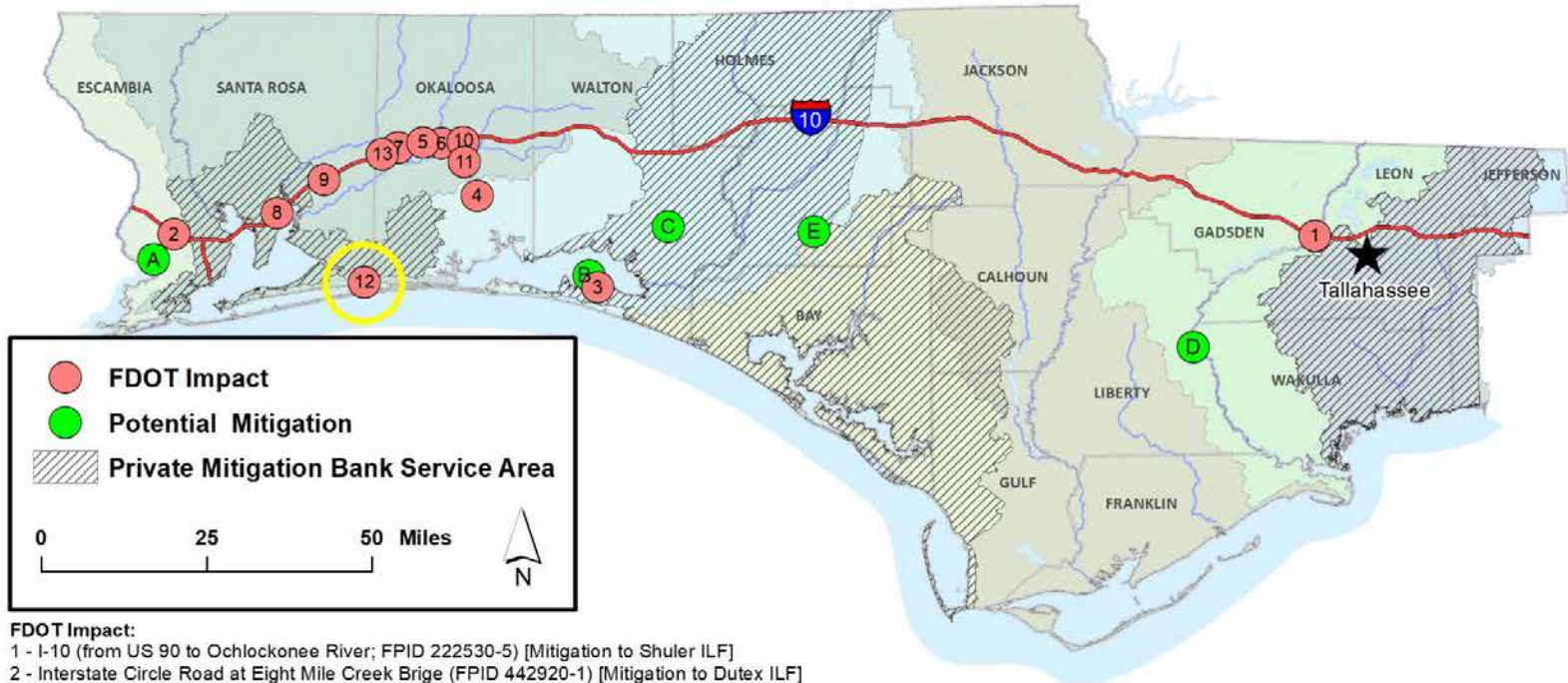
*Palustrine wetland impacts anticipated to be offset via use of a private mitigation bank.

I-10 (from SR 281 to East of Blackwater River; FPID 413062-6) and Dutex ILF



Mitigation Review Team Meeting (2/23/2022)

Consideration of FDOT Impacts and Potential Mitigation



FDOT Impact:

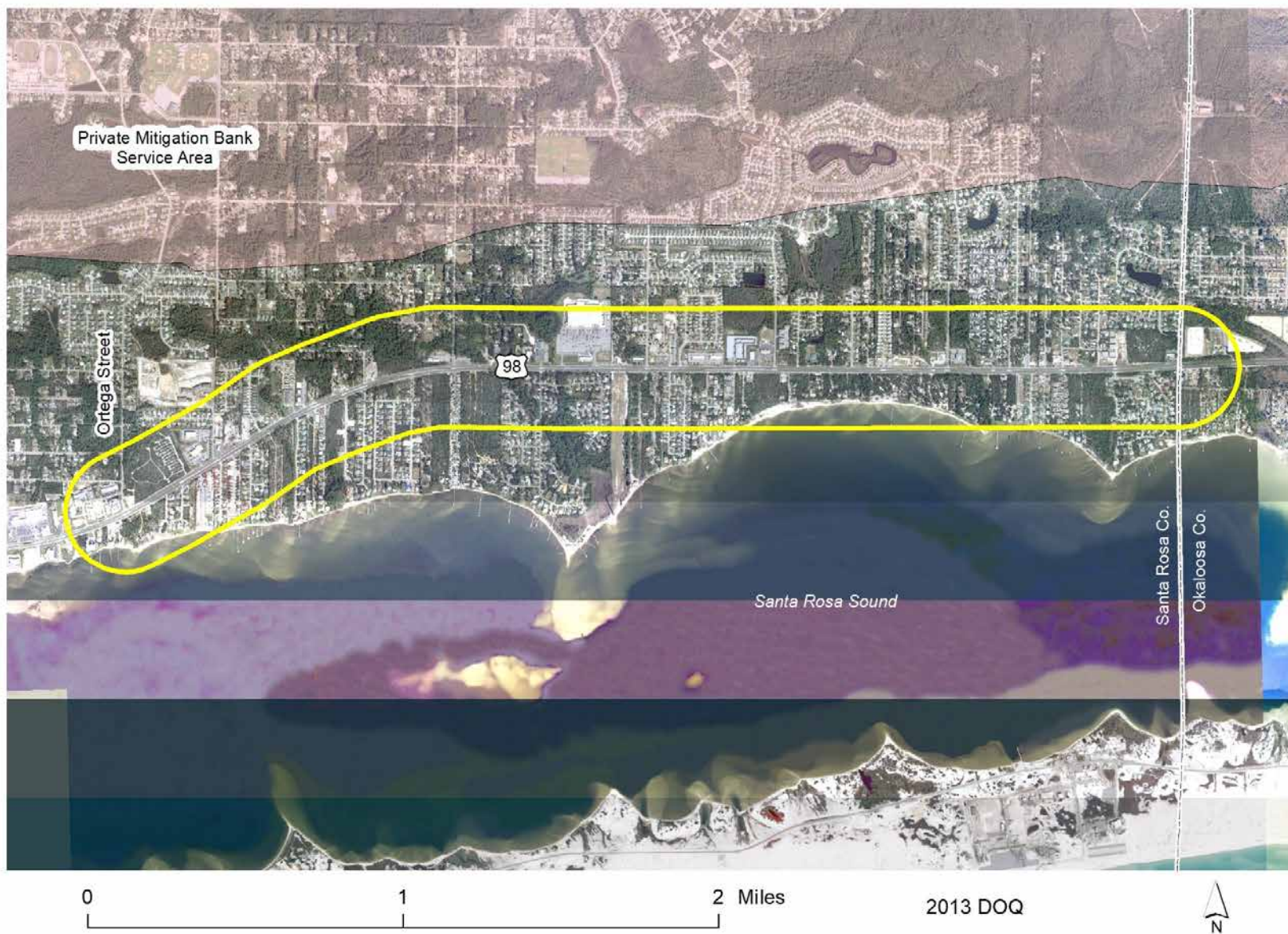
- 1 - I-10 (from US 90 to Ochlockonee River; FPID 222530-5) [Mitigation to Shuler ILF]
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Proposed Mitigation:

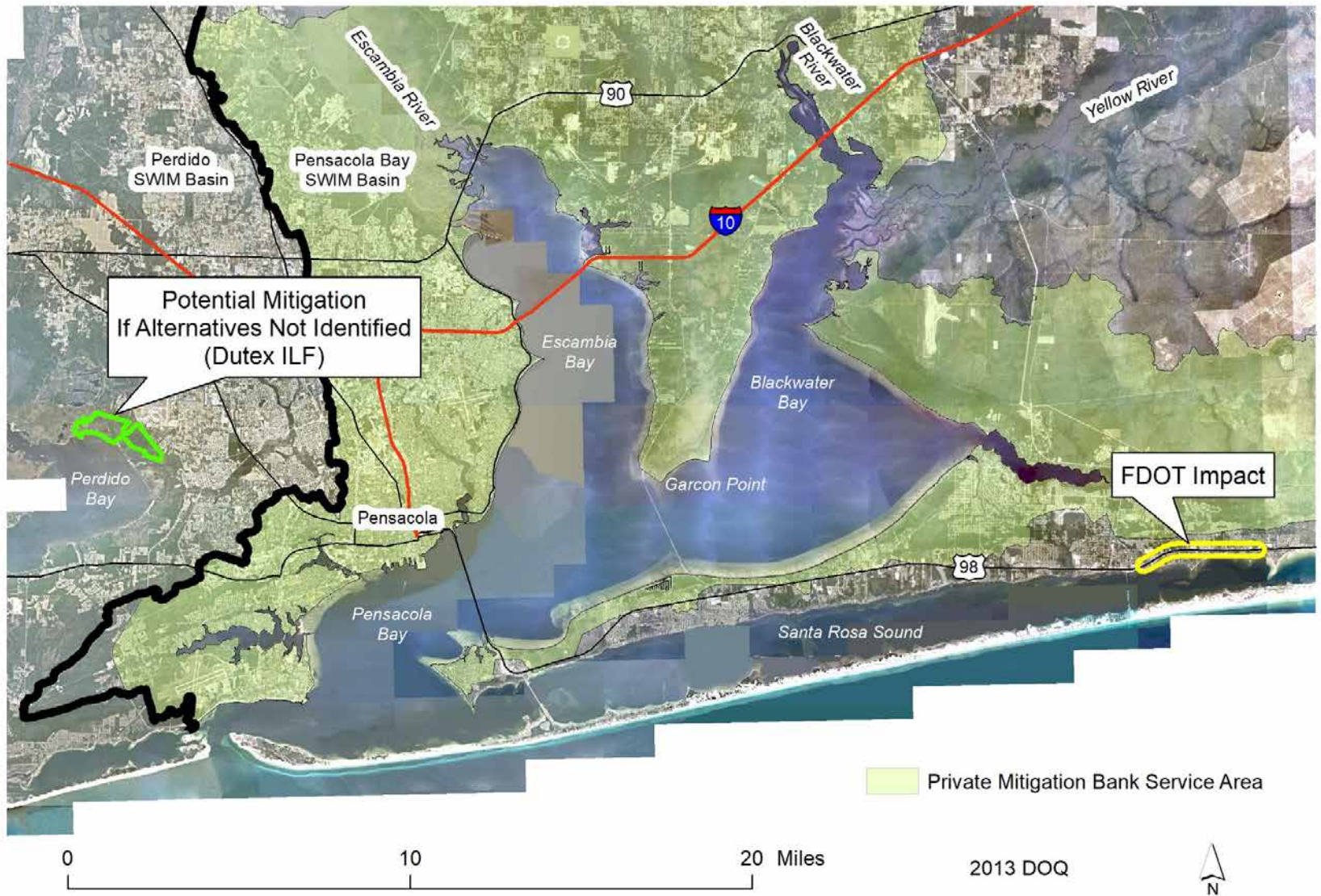
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- St. Andrew Bay
- St. Marks River and Apalachee Bay

US 98 (from Ortega Street to Santa Rosa / Okaloosa County Line; FPID 220426-5)

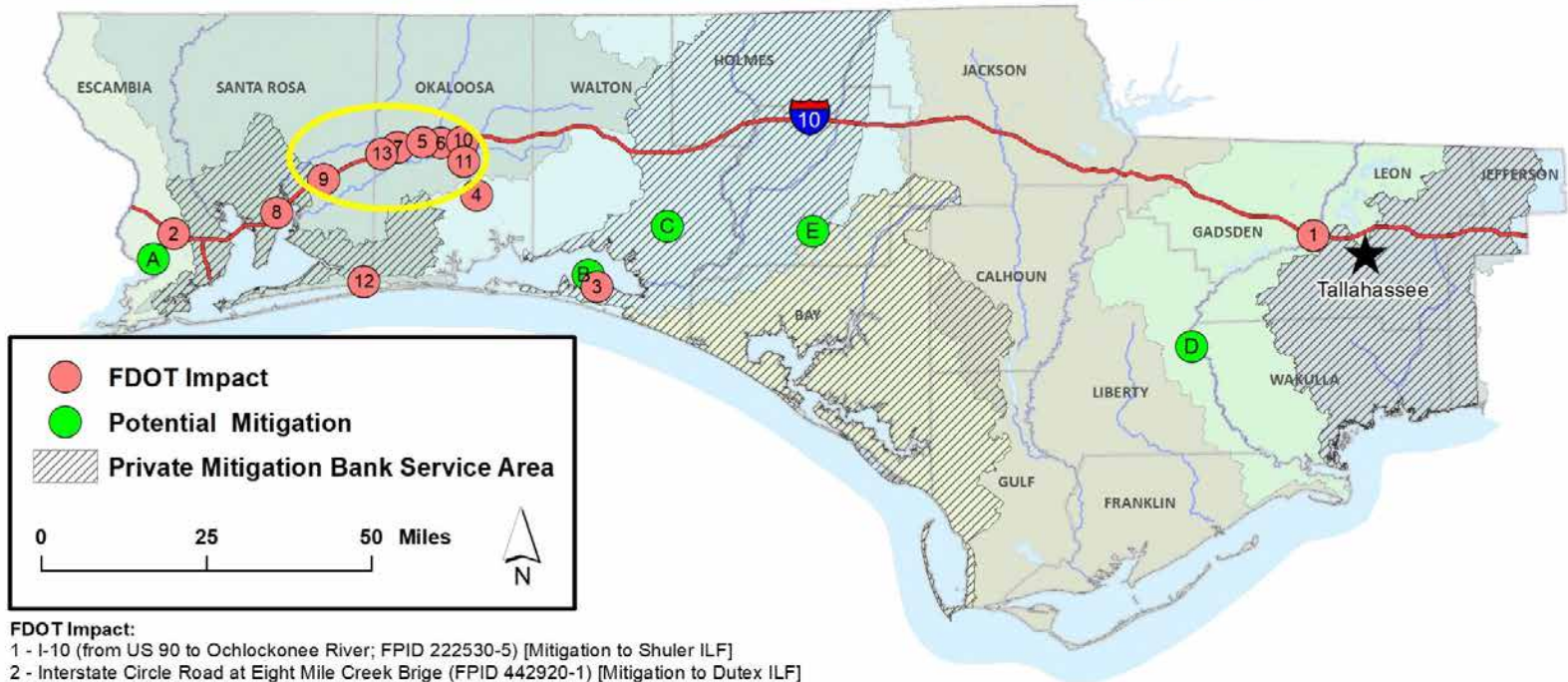


US 98 (from Ortega Street to Santa Rosa / Okaloosa County Line; FPID 220426-5) and Dutex ILF



Mitigation Review Team Meeting (2/23/2022)

Consideration of FDOT Impacts and Potential Mitigation



FDOT Impact:

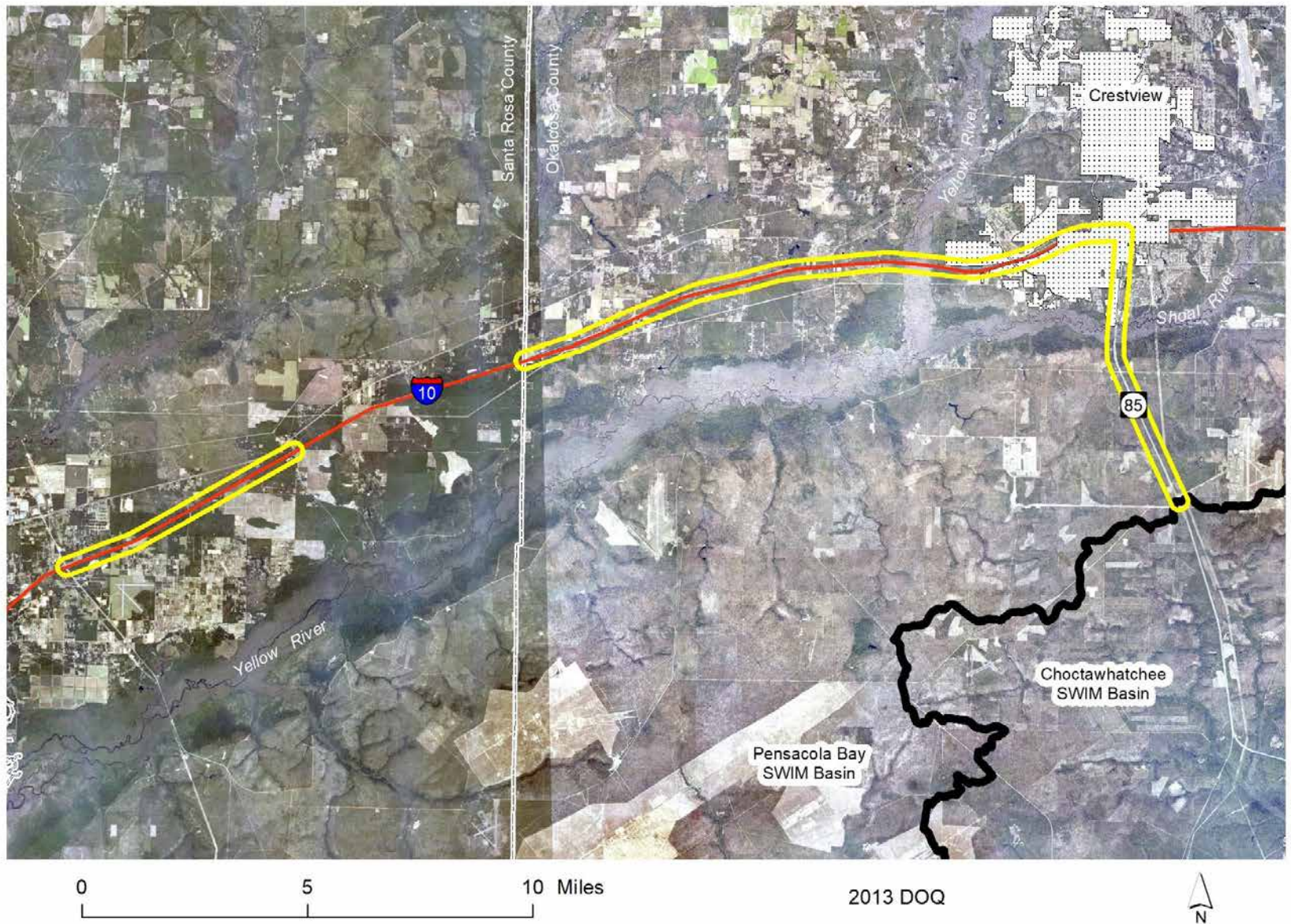
- 1 - I-10 (from US 90 to Ochlockonee River; FPID 222530-5) [Mitigation to Shuler ILF]
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Proposed Mitigation:

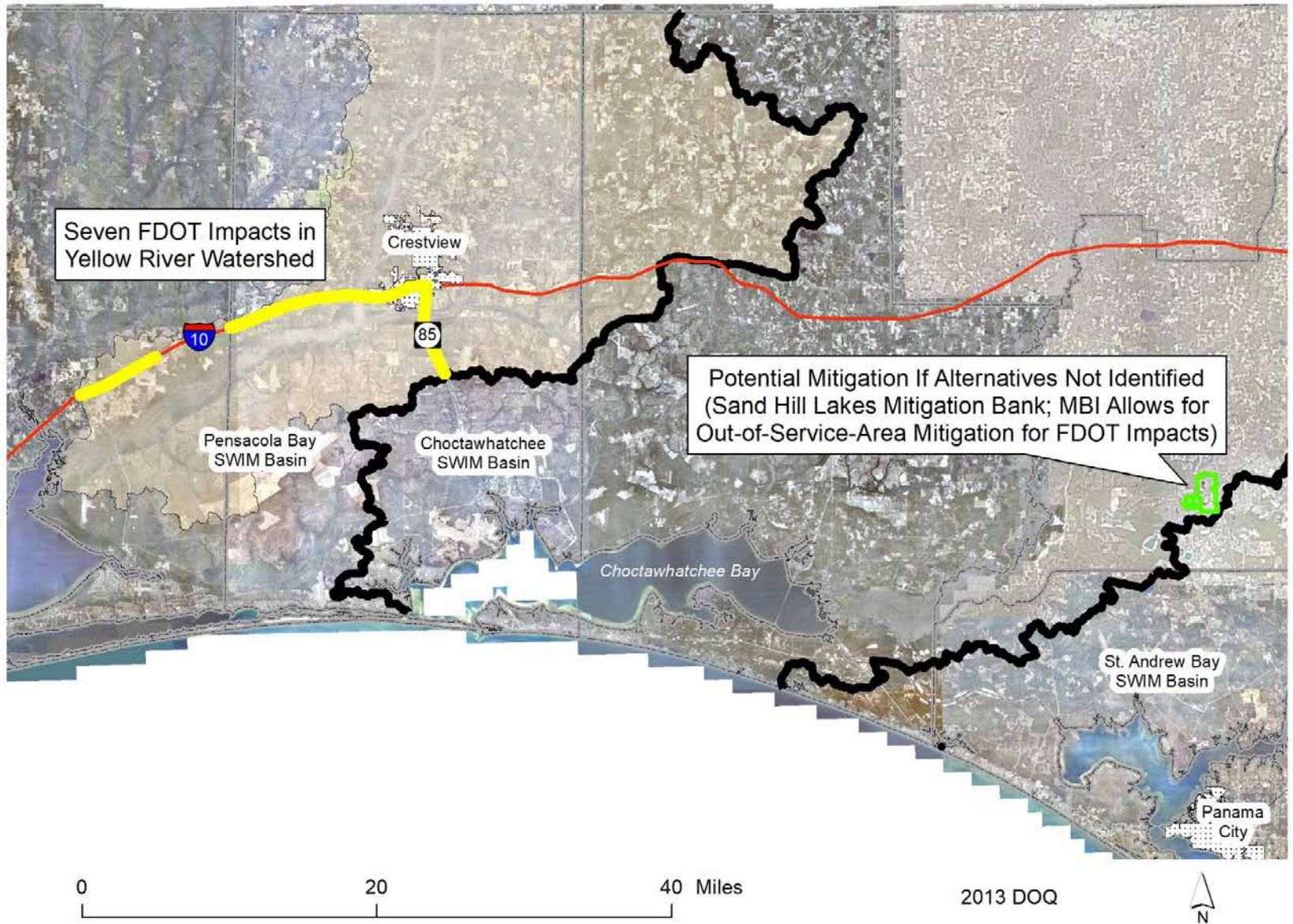
- A - Dutex ILF
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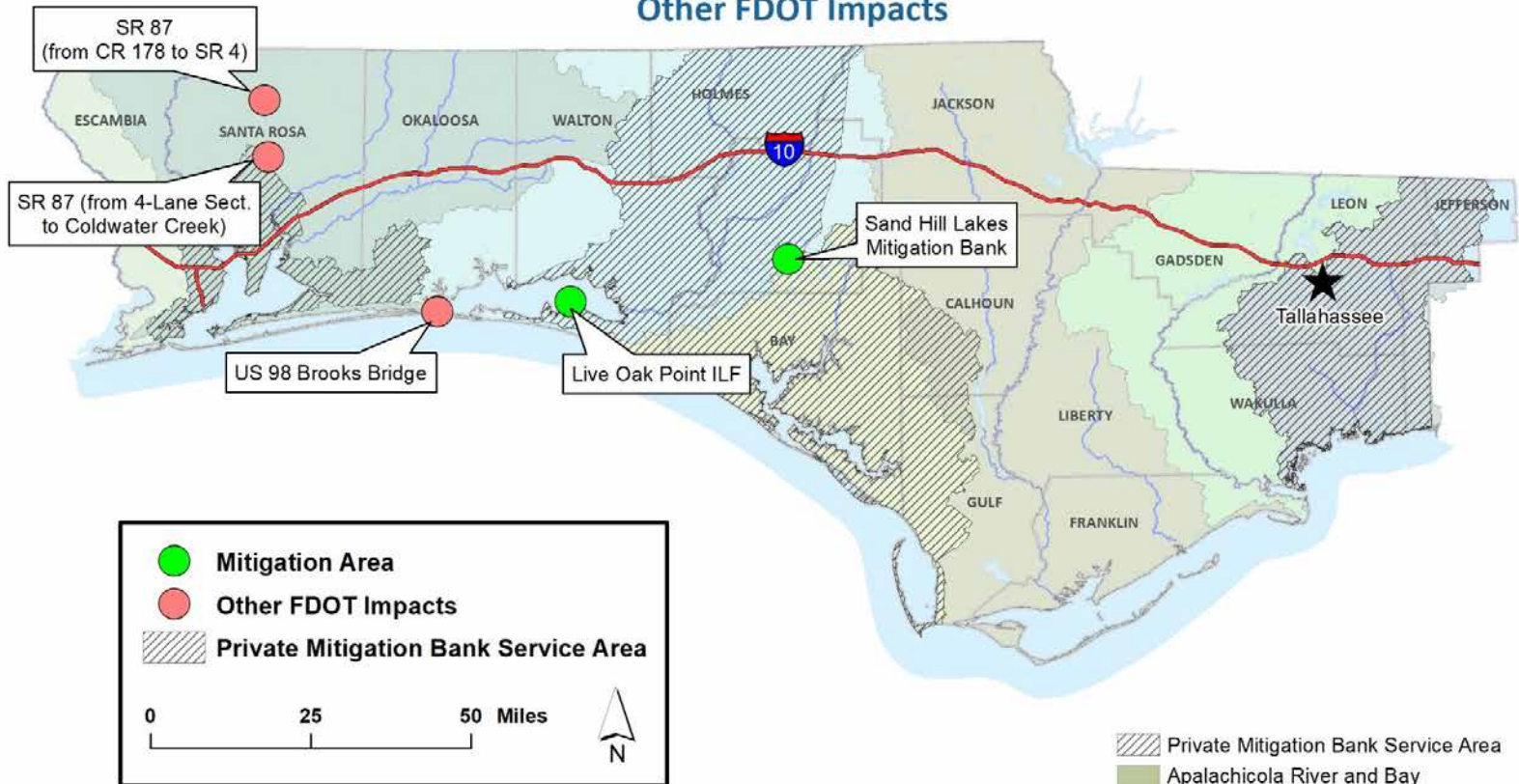
Seven FDOT Impacts In Yellow River Watershed



Seven FDOT Impacts In Yellow River Watershed and Sand Hill Lakes Mitigation Bank



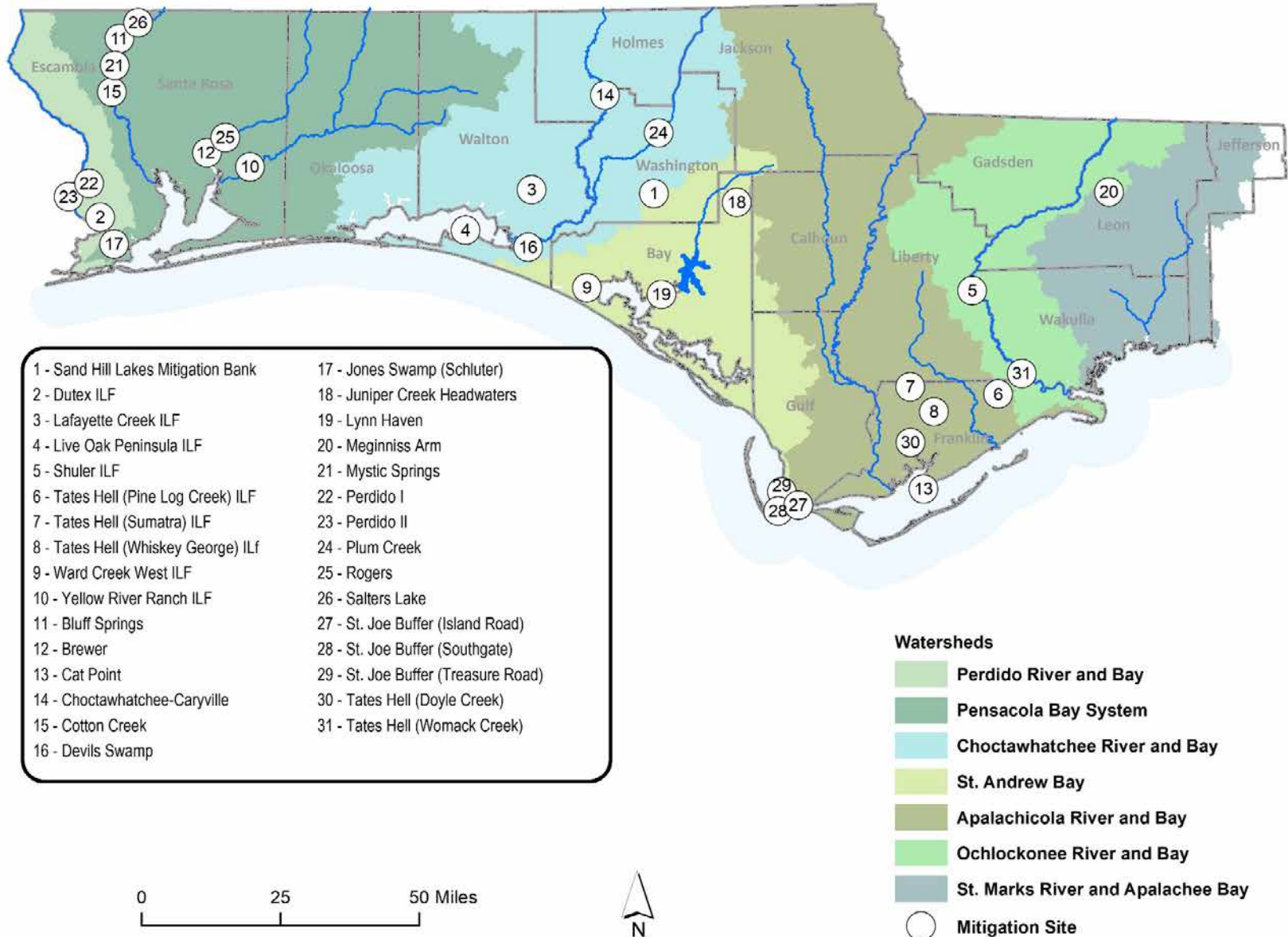
Other FDOT Impacts



- 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

NWFWMD Mitigation Project Status

NFWFMD Mitigation Program for FDOT Impacts (1997 - 2020)



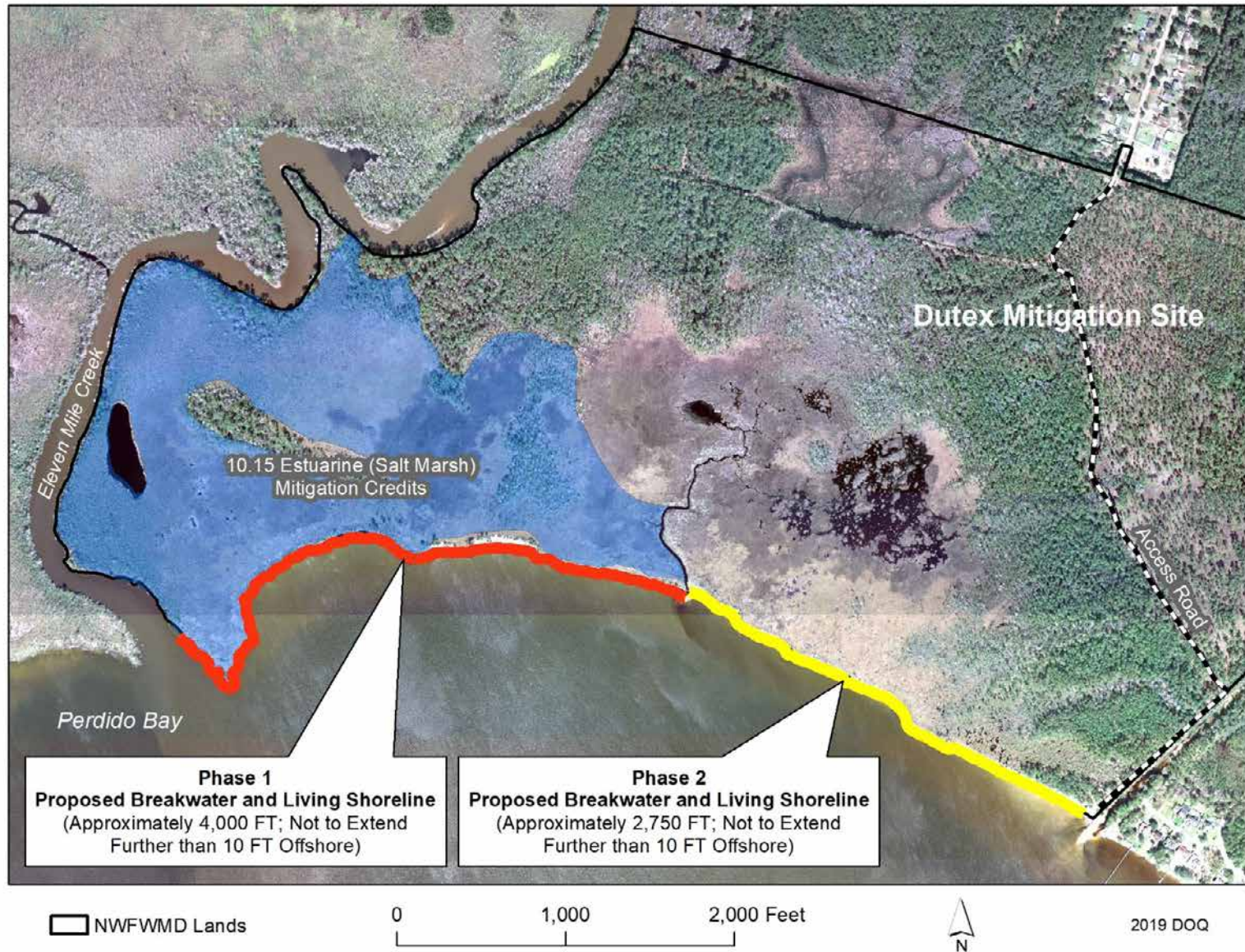
Live Oak Point Living Shorelines – January 2022



Live Oak Point – Fall 2021



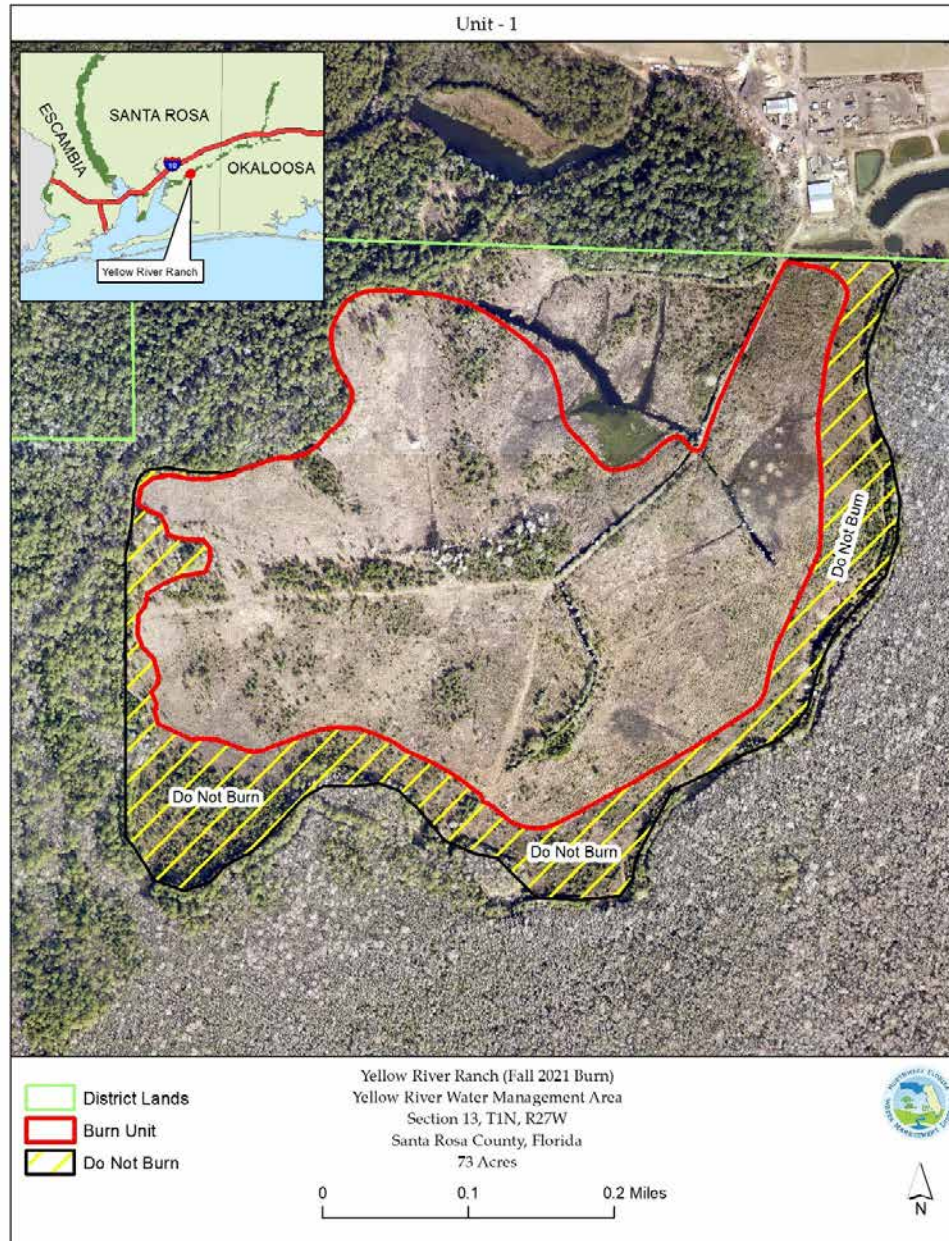
Dutex ILF Site



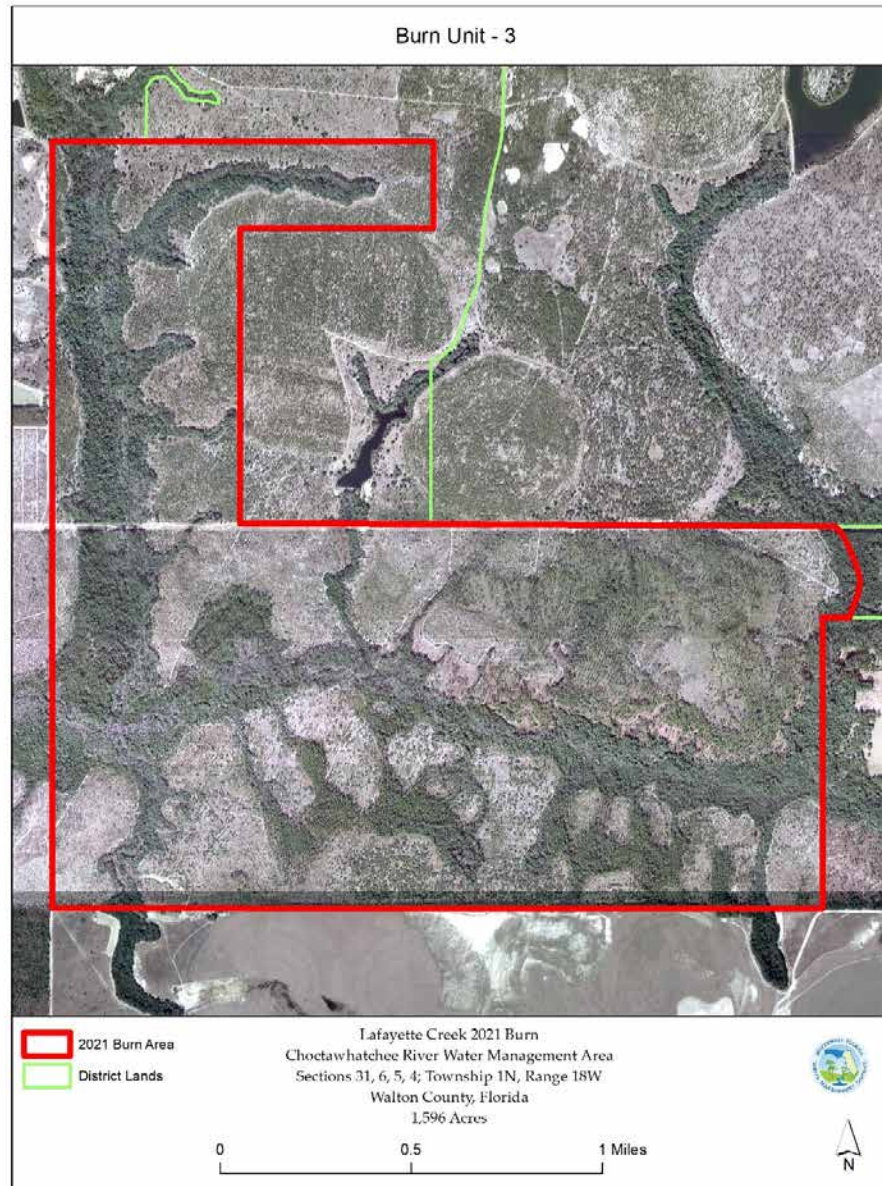
Perdido II



Yellow River Ranch ILF



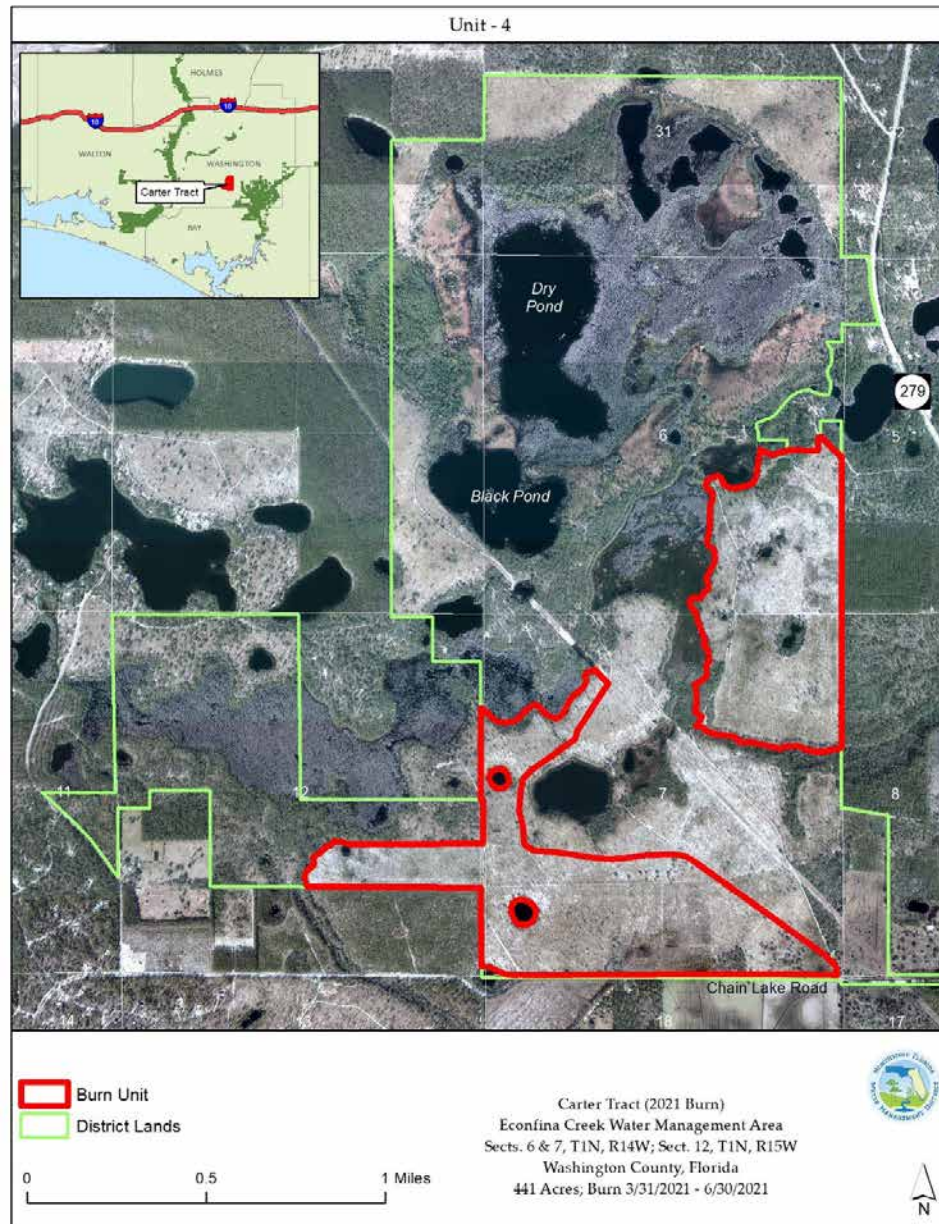
Lafayette Creek ILF



Ward Creek West ILF



Sand Hill Lakes Mitigation Bank



Open Discussion / Other Business



US Army Corps
of Engineers®



Wrap Up



Appendix

Northwest Florida Water Management District

