



# FLORIDA GULF OF MEXICO RESTORATION PROJECT SUBMITTAL FORM

SUBMIT

## Form Purpose and Instructions:

- To assist the project proposal and review process, please complete this Submittal Form. Completion of the Form will contribute to the appropriate information being completely and accurately submitted for each project.
- Take as much space as needed for each question, but please keep responses as focused as possible. It may assist you to review all the questions before addressing any one question.
- If you have multiple projects – please submit one Form for each project.
- When you have completed the form hit the submit button in the upper right hand corner. Once your Form is successfully submitted, you will receive a confirmation email from the Florida Department of Environmental Protection.
- Submit all back-up maps, information, etc. to [Restoration.Projects@dep.state.fl.us](mailto:Restoration.Projects@dep.state.fl.us)
- To submit updated information, please fill out this form and update fields as needed
- \* Indicates required fields

New Project



Update to Previous Submittal

☐

Project #

\*Project Name

Water quality enhancement and protection of sensitive habitats by reducing sedimentation from ur

## Contact Information

\* Full Name

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Organization Name

Santa Rosa County

*Additional name(s), phone number(s), email address(s), and organization name(s) and/or project partners*

Florida Fish and Wildlife Conservation Commission: Mark Winland, 850-819-0890,  
mark.winland@myfwc.com

### \*Project Location

*Include a map, if possible, and the city, county, longitude/latitude decimal degrees if known, and parcel # if applicable.*

Work will occur approximately 6 miles north of Navarre, FL in Santa Rosa County within the established road bed of Choctaw Field and Grassy Point Roads. Coordinates for starting point of work: -86.9488 30.5141.

### \*Watershed(s)

*Select all that apply. A map of corresponding Florida watersheds is provided to assist in accurate placement of the project. If the project pertains to off shore or open ocean efforts, select Open Ocean. [Florida Watersheds Map](#)*

- |                                                       |                                                             |                                                |
|-------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------|
| <input type="checkbox"/> All FL Coastal Watersheds    | <input type="checkbox"/> Lake Worth Lagoon-Palm Beach Coast | <input type="checkbox"/> Suwannee              |
| <input type="checkbox"/> All FL Gulf Coast Watersheds | <input type="checkbox"/> Lower St. Johns                    | <input type="checkbox"/> Tampa Bay             |
| <input type="checkbox"/> All FL Watersheds            | <input type="checkbox"/> Middle St. Johns                   | <input type="checkbox"/> Tampa Bay Tributaries |
| <input type="checkbox"/> Apalachicola-Chipola         | <input type="checkbox"/> Nassau-St. Marys                   | <input type="checkbox"/> Upper East Coast      |
| <input type="checkbox"/> Caloosahatchee               | <input type="checkbox"/> Ochlockonee-St. Marks              | <input type="checkbox"/> Upper St. Johns       |
| <input type="checkbox"/> Charlotte Harbor             | <input type="checkbox"/> Ocklawaha                          | <input type="checkbox"/> Withlacoochee         |
| <input type="checkbox"/> Choctawhatchee-St. Andrew    | <input type="checkbox"/> Open Ocean                         |                                                |
| <input type="checkbox"/> Everglades                   | <input checked="" type="checkbox"/> Pensacola               |                                                |
| <input type="checkbox"/> Everglades West Coast        | <input type="checkbox"/> Perdido                            |                                                |
| <input type="checkbox"/> Fisheating Creek             | <input type="checkbox"/> Sarasota Bay-Peace-Myakka          |                                                |
| <input type="checkbox"/> Florida Keys                 | <input type="checkbox"/> Southeast Coast-Biscayne Bay       |                                                |
| <input type="checkbox"/> Indian River Lagoon          | <input type="checkbox"/> Springs Coast                      |                                                |
| <input type="checkbox"/> Kissimmee River              | <input type="checkbox"/> St. Lucie-Loxahatchee              |                                                |
| <input type="checkbox"/> Lake Okeechobee              |                                                             |                                                |

### \*Project Description

*Describe all aspects of the project.*

The project will include all aspects necessary to pave approximately 5.3 miles of unpaved, clay road located within the Department of Defense's Eglin Air Force Base and the state of Florida's Escrivano Point Wildlife Management Area (WMA). Funding is being requested to not only pay for actual construction, but also monitoring, surveying, engineering, geotechnical, inspection, as well as other services necessary for successful implementation of this project. Every attempt will be made to keep paving project boundaries within existing road bed and Right of Way, including any culverts or water control measures. Completed work will decrease sedimentation into area wetlands and water bodies and have positive effects on native fish and wildlife populations, both common and imperiled.

### \*Project Category

Although projects may identify under multiple categories, please place your project in the best fit category. A document of category definitions and examples is provided. [Category Definitions](#)

Land Acquisition

Water Quality or Quantity

Habitat Restoration

Living Resources

Recreation/Public Access

Community Resilience

### \*Estimated Project Costs

Describe the estimated costs of the project, including any assumptions for contingency and ongoing operations/maintenance. Identify other secured funding sources such as matching funds, in-kind contributions or state/federal dollars. In addition, if possible, complete and submit the Cost Appendix Sheet associated with this Form.

Year 1

Santa Rosa County will contract to design, engineer and permit through the USACE, FLDEP, NWFLWMD and Eglin AFB the paving of 4.83 miles of Choctaw Field Road and 0.48 miles of Grassy Point Road-\$215,000

Surveying of Grassy Point Road and Choctaw Field Road for paving assessments-\$70,000

Purchase of Acoustic Doppler Sediment Load assessment instrument-\$25,000

Baseline monitoring of TSS, Turbidity, DO,pH, sediment load from surrounding streams and drainage flows-\$60,000

### \*Total Estimated Project Cost

\$ 1,812,800.00

### \*Other Funding

Indicate if the project is submitted for any potential funding or if it may be used to leverage additional funding, if so, please describe the funding source [e.g. State/Federal Grants]. Put NA if not applicable.

NA

### Technical Feasibility

Describe the technologies involved and any relevant past experience or proven success with similar projects.

Santa Rosa County has been maintaining this portion of the road that needs paving for over 10 years. All road paving preparation, Best Management Practices and construction for this project will follow FLDEP, USACE, US DOD, FDOT and NWFL WMD guidelines for Santa Rosa County road construction activities in sensitive wetland areas.

### **Conflicts or Complements to Existing Efforts**

*Describe any ongoing activities in the project implementation area, if the project is part of another plan, and why the project does or does not interfere with that work. Please consider how the project may complement existing local, regional, and state efforts/plans/objectives.*

The proposed work would complement existing and planned work in the area. The Florida Fish and Wildlife Conservation Commission (FWC) has begun extensive habitat restoration work on the Escribano Point WMA including mechanical treatment of invasive hardwoods, prescribed burning, and invasive species control. FWC anticipates beginning additional work to include sandhill and hydrological restoration work, among others, in the coming years. Hydrological restoration work could include adding water control structures, removing old road beds, and improving roads.

### **Complies with Federal, State, Local, and Tribal Laws/Regulations**

*Describe any concerns or potential conflicts.*

Work would potentially require permitting through the Army Corps of Engineers, Florida Division of Environmental Protection, and Northwest Florida Water Management District. Work will need to be coordinated with the United States Air Force and Navy to insure no conflicts with planned missions around the work area. The chief of Eglin AFB natural resources sent the basic idea of this project to Eglin's "Range Configuration Control Committee", if this project gets funded then Santa Rosa County would have a formal agreement with Eglin AFB to conduct the road paving construction.

### **Readiness for Implementation**

*Describe if the project has had any design or permitting work started or completed [attach permits or design work]. Please address any issues that may delay start or finish of the project.*

No design or permitting work has been performed in relation to this project.

### **Environmental Benefits**

*Describe the nature, magnitude, and timing of any environmental benefits attributable to the project. If possible, describe potential environmental performance measures [e.g. pollutant reduction]. Please address any potential environmental impacts associated with implementing or maintaining the project [e.g. loss of a habitat or conversion of habitat from one type to another during implementation].*

This project is anticipated to have a direct and positive effect on the water quality of water bodies in and around the Escribano Point WMA including Fundy Bayou, Blackwater and East Bays, and numerous isolated wetlands. Paving the clay roads will greatly reduce anthropogenic sources of sedimentation into wetlands that can negatively impact species composition and richness of both plants and animals. These wetlands and water bodies are home to numerous sensitive wildlife species including the federally endangered reticulated flatwoods salamander, federally threatened gulf sturgeon (*Acipenser oxyrinchus desotoi*), and state protected salt marsh top minnow (*Fundulus jenkinsi*).



## Economic and Social Benefits

*Describe the economic and social benefits including those related to the project's improved ecosystem services and any estimates on jobs created or preserved.*

Grassy Point and Choctaw Field Roads serve as the only vehicular access to the Escribano Point Wildlife Management Area (WMA), an area popular with locals and tourists participating in nature based recreation including camping, hiking, paddling, and fishing. The Escribano Point WMA has become a tourist destination attracting campers from across the United States and several foreign countries including Canada, Germany, and Australia.

Between October 1, 2015 and April 20, 2017 an average of 1135 cars have accessed the WMA each month. Improvement of access roads will likely result in greater numbers of recreation users accessing the area. In Fiscal

## Community Resilience

*Describe if the project assists Florida's ability to anticipate, withstand, or recover from hazards or threats [e.g. hurricane preparedness, establishing living shorelines].*

This project would greatly improve the areas ability to withstand and recover from threats and hazards both natural and anthropogenic. Currently, Choctaw Field and Grassy Point Roads become almost impassable during any significant rain event, creating access issues to the private and state-owned residences, both of which are only accessible by these roads. Additionally, there can be as many as 144 campers using the facilities at the Escribano Point WMA during busy weekends and holidays. On several occasions Santa Rosa County emergency services have been called to the area to assist with active emergencies. If these incidents had occurred after a significant rainfall event county first responders would have been delayed, or possibly unable to respond, creating a serious public safety issue.

## Public Acceptance

*Describe any known or potential public approval or opposition to the project.*

One of the most common complaints staff with the Florida Fish and Wildlife Conservation Commission stationed at the Escribano Point WMA receive is about the condition of Choctaw Field and Grassy Point Roads, especially after periods of heavy rain. Staff have also received feedback from Santa Rosa County sheriff's deputies about their concern for taking their patrol cars down these roads for fear of getting stuck. It is unlikely that anyone would oppose paving these critical access roads.

## Additional Information you wish to provide

*Please include any maps, designs, drawings, photos or background resources that may assist in completely and accurately understanding the project. If these are too large to attach here, please email them to [Restoration.Projects@dep.state.fl.us](mailto:Restoration.Projects@dep.state.fl.us).*

A map of the project location is attached.

# COST APPENDIX SHEET

## Cost Item

## Cost Estimate

### Planning

|                                             |               |
|---------------------------------------------|---------------|
| Contracts                                   |               |
| Feasibility                                 |               |
| Engineering, Design, Land Rights & Bid Prep | \$ 215,000.00 |
| Restoration Plan                            |               |
| Site Visits & Cost of Site Selection        | \$ 70,000.00  |
| Administration, Overhead and Indirect       |               |
| Other                                       |               |
| <b>Planning Subtotal:</b>                   | \$ 285,000.00 |

### Construction

|                                              |                 |
|----------------------------------------------|-----------------|
| Contracts                                    | \$ 1,110,000.00 |
| Administration & Mobilization/Demobilization | \$ 48,000.00    |
| Other                                        |                 |
| <b>Construction Subtotal:</b>                | \$ 1,158,000.00 |

### Monitoring

|                             |               |
|-----------------------------|---------------|
| Contracts                   | \$ 180,000.00 |
| Data Collection             |               |
| Monitoring Administration   |               |
| Other                       | \$ 25,000.00  |
| <b>Monitoring Subtotal:</b> | \$ 205,000.00 |

### Project Cost

|                                                                        |                 |
|------------------------------------------------------------------------|-----------------|
| Contracts                                                              |                 |
| <b>Subtotal:</b>                                                       | \$ 1,648,000.00 |
| Contingency ( <i>traditionally calculated at 10% of the subtotal</i> ) | \$ 164,800.00   |
| <b>TOTAL:</b>                                                          | \$ 1,812,800.00 |

### Estimated Costs by Year

|        |                 |
|--------|-----------------|
| Year 1 | \$ 370,000.00   |
| Year 2 | \$ 1,218,000.00 |
| Year 3 | \$ 60,000.00    |
| Year 4 |                 |
| Year 5 |                 |
| Year 6 |                 |