

## FY2025/2026 Local Government Funding Request

### Draft Beach Project Assessment

|               |                                                         |
|---------------|---------------------------------------------------------|
| Project Name  | Ponte Vedra Beach Coastal Storm Risk Management Project |
| Local Sponsor | St. Johns County                                        |

|                    |           |
|--------------------|-----------|
| Initial Assessment | 8/22/2024 |
| Group Assessment   | 8/27/2024 |
| Draft Assessment   | 9/3/2024  |
| Final Review       |           |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| The South Ponte Vedra Vilano Beach Restoration Project is located between DEP monuments R-78 and R-103.5 in St. Johns County. USACE has completed the North Ponte Vedra Beach Feasibility Study and executed the Chiefs Report as of April 2024. The Recommended Plan includes a 50-year project with a 20-ft dune width extension at existing dune crest elevation of 15-25 ft NAVD88, and a 20-ft berm width at elevation of 13 ft NAVD88. Renourishment is expected every 10 years. St. Johns County plans to develop additional public access points throughout the project area for additional cost share at a state and federal level. The USACE anticipates beginning the design phase in FY25-26. for The requested funds are for Permitting and Design. Staff have determined that 37.88% of the project is eligible for state cost sharing. |

|                                                                                                  |
|--------------------------------------------------------------------------------------------------|
| Funds will be used for (list project phase, specify which phase is reimbursement, if applicable) |
| Permitting and Design                                                                            |

|                    |        |
|--------------------|--------|
| State cost share % | 18.94% |
|--------------------|--------|

| Project Budget Table       |         |                    |                  |                  |                    |
|----------------------------|---------|--------------------|------------------|------------------|--------------------|
|                            | State % | Federal            | State            | Local            | Total              |
| Feasibility                | 0.00%   | \$0                | \$0              | \$0              | \$0                |
| Design                     | 18.94%  | \$1,236,000        | \$126,140        | \$539,860        | \$1,902,000        |
| Construction               | 0.00%   | \$0                | \$0              | \$0              | \$0                |
| Year 1 Monitoring          | 0.00%   | \$0                | \$0              | \$0              | \$0                |
| Year 2+ Monitoring         | 0.00%   | \$0                | \$0              | \$0              | \$0                |
| <b>Total Project Costs</b> |         | <b>\$1,236,000</b> | <b>\$126,140</b> | <b>\$539,860</b> | <b>\$1,902,000</b> |

|                      |        |
|----------------------|--------|
| Federal cost share % | 65.00% |
|----------------------|--------|

|                                |                                                                    |
|--------------------------------|--------------------------------------------------------------------|
| Federal agency and description | USACE funding is for the Permitting, Engineering and Design phase. |
|--------------------------------|--------------------------------------------------------------------|

|                                         |      |
|-----------------------------------------|------|
| <b>TOTAL PROJECT SCORE (100 points)</b> | 41.9 |
|-----------------------------------------|------|

|               |
|---------------|
| <b>Tier 1</b> |
|---------------|

### Tourism-related impacts

|                                  |       |   |
|----------------------------------|-------|---|
| Return on investment (10 points) | Score | 0 |
|----------------------------------|-------|---|

Local Sponsor: Project is not requesting construction funds.

Department: N/A

Construction + Year 1 Monitoring Cost:

Value:

|                             |       |     |
|-----------------------------|-------|-----|
| Economic impact (10 points) | Score | 9.3 |
|-----------------------------|-------|-----|

Local Sponsor: N/A

Department: St. Johns County, most current complete calendar data. Tourism-related sales tax data = \$61,885,258,78. County sales tax collections = \$352,455,378.00

Value: 17.56

### Tier 2

### Federal involvement

|                                  |       |   |
|----------------------------------|-------|---|
| Federal authorization (5 points) | Score | 3 |
|----------------------------------|-------|---|

Local Sponsor: Yes

Department: Verified

|                               |       |     |
|-------------------------------|-------|-----|
| Federal cost share (5 points) | Score | 3.1 |
|-------------------------------|-------|-----|

Local Sponsor: 40.90%

Department: Verified

|                                    |       |   |
|------------------------------------|-------|---|
| Federal funds available (5 points) | Score | 5 |
|------------------------------------|-------|---|

Local Sponsor: \$1,236,000

Department: Project cooperation agreement submitted to verify federal funds available

### Storm damage reduction benefits

|                               |       |     |
|-------------------------------|-------|-----|
| Current conditions (8 points) | Score | 5.2 |
|-------------------------------|-------|-----|

Local Sponsor: approx. 2.2 million cy initial sand placement volume

Beach nourishment was completed in July 2022 with the latest survey received by the Department in Month Year. 77.82% of the 370,193 cy of advanced nourishment was lost over this interval for a total score of  $-\log(1-0.778) \times 8 = 5.2$ .

Department:  
CEG calculated value: 5.2

|                                         |       |   |
|-----------------------------------------|-------|---|
| Threat to upland development (2 points) | Score | 0 |
|-----------------------------------------|-------|---|

Local Sponsor: N/A

The SBEACH model was run using Month Year survey profiles for the 25-year return interval storm conditions for the beach segments. The model results were overlaid on aerial imagery and showed 0 feet of unarmored property was threatened. This equates to 0% of the project length. Hence, the value for threat to upland development is 0 points.

Department:  
CEG calculated value: 0

|                                     |       |     |
|-------------------------------------|-------|-----|
| Value of upland property (5 points) | Score | 1.8 |
|-------------------------------------|-------|-----|

Local Sponsor: N/A

Department: Calculated by GIS with 2023 data.  
Total value: \$630,946,491.00

#### Cost-effectiveness

|                                   |       |   |
|-----------------------------------|-------|---|
| Cost/volume/mile/year (10 points) | Score | 0 |
|-----------------------------------|-------|---|

Local Sponsor: Project is not requesting construction funds.

Department: N/A

Value:

|                                                                                          |       |   |
|------------------------------------------------------------------------------------------|-------|---|
| Enhanced longevity, dune addition, innovative technology, and regionalization (5 points) | Score | 3 |
|------------------------------------------------------------------------------------------|-------|---|

Local Sponsor: Enhanced Longevity, Dune Addition

Dune addition verified

Department:

|        |
|--------|
| Tier 3 |
|--------|

#### Previous state commitment

|                                    |       |   |
|------------------------------------|-------|---|
| Previously funded phases (1 point) | Score | 0 |
|------------------------------------|-------|---|

Local Sponsor: No

Department:

Verified

|                                             |       |     |
|---------------------------------------------|-------|-----|
| Total amount of previous funding (3 points) | Score | 2.4 |
|---------------------------------------------|-------|-----|

Local Sponsor:

N/A

Department:

Fiscal year 2014/2015 through 2024/2025

Total funds:

\$15,676,739.00

|                                          |       |   |
|------------------------------------------|-------|---|
| Previous partial appropriation (1 point) | Score | 0 |
|------------------------------------------|-------|---|

Local Sponsor:

N/A

Department:

No partial appropriations in 3 previous fiscal year applications, not eligible for the award of point.

### Recreational benefits

|                                  |       |     |
|----------------------------------|-------|-----|
| Accessible beach area (2 points) | Score | 2.5 |
|----------------------------------|-------|-----|

Local Sponsor:

N/A

Department:

Calculated by CEG/GIS Staff (MHW)

Total area:

1,400,360 sqft

|                                  |       |     |
|----------------------------------|-------|-----|
| Recreational benefits (3 points) | Score | 0.6 |
|----------------------------------|-------|-----|

Local Sponsor:

Recreation or Open Space - 3.833 %  
Commercial - 6.245 %  
Total - 10.08 %

Department:

5,474 feet of 26,737 = 20%

Percentage:

20.00%

|                                        |       |   |
|----------------------------------------|-------|---|
| Mitigation of inlet effects (5 points) | Score | 0 |
|----------------------------------------|-------|---|

Local Sponsor:

A portion of the project -- from R-84 to R-103.5 -- lies within the region of influence of St. Augustine Inlet.

Department:

St. Augustine Inlet is meeting its cumulative target bypassing quantity, therefore the project is ineligible for the award of points.

CEG calculated value:

|                             |       |   |
|-----------------------------|-------|---|
| Volume/mile/year (5 points) | Score | 0 |
|-----------------------------|-------|---|

Local Sponsor: N/A

Department: N/A

CEG calculated value:

#### Tier 4

|                                         |       |   |
|-----------------------------------------|-------|---|
| Successive unfunded requests (5 points) | Score | 0 |
|-----------------------------------------|-------|---|

Local Sponsor: No

Department: Not eligible for point

|                                              |       |   |
|----------------------------------------------|-------|---|
| Environmental habitat enhancement (5 points) | Score | 5 |
|----------------------------------------------|-------|---|

**Local Sponsor:** The county has a stringent, county wide beach lighting code for sea turtle protection that is enforced during review of local building permits. The county also does beach lighting surveys county wide during every sea turtle nesting season.

**Department:** The project boundary intersects critical habitat area. The shoreline is 33% armored which is greater than the 30% threshold. Therefore, the project is eligible for the award of 3 points. The adopted light ordinances are verified and eligible for the award of 2 additional points. Total = 5 points

#### Overall readiness to proceed

|                                  |       |   |
|----------------------------------|-------|---|
| Readiness to construct (1 point) | Score | 0 |
|----------------------------------|-------|---|

Local Sponsor: N/A  
Not eligible for point

Department:

|                          |       |   |
|--------------------------|-------|---|
| Active permits (1 point) | Score | 0 |
|--------------------------|-------|---|

Local Sponsor: N/A

Department: Not eligible for point

|                              |       |   |
|------------------------------|-------|---|
| Easements acquired (1 point) | Score | 0 |
|------------------------------|-------|---|

Local Sponsor: No

Department: Not eligible for point

|                               |       |   |
|-------------------------------|-------|---|
| Local funds secured (1 point) | Score | 0 |
|-------------------------------|-------|---|

**Local Sponsor:**

Yes

**Department:**

Draft Resolution was not submitted by deadline.

|                                            |       |   |
|--------------------------------------------|-------|---|
| Erosion Control Line established (1 point) | Score | 1 |
|--------------------------------------------|-------|---|

**Local Sponsor:**

Yes

**Department:**

Verified