



# CAPITAL FACILITIES AND INTERPRETATION Implementation Table

## SOUTHWEST DISTRICT

Charlotte Harbor Region  
Terra Ceia Preserve State Park



| Capital Facilities |                     |                                             |                                                                                                                        |                                                                                                                                                                                                                                                           |            |                         |                                        |                                                          |                           | Interpretation                                                                                                                                                                                                                                                                                                                                          |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      | Combined Project Estimate |  |
|--------------------|---------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------|----------------------------------------|----------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------|----------------------------------|--------------------------------------------------|----------------------------------|--------------------------------------|----------------------------------|-----------------|------|---------------------------|--|
| Region             | Park                | Use Area                                    | Objective                                                                                                              | Action Item                                                                                                                                                                                                                                               | Action     | Subject                 | Cost Estimate                          | Implementation Timeframe (Short-Term/Mid-Term/Long-Term) | Interpretive Aspect (Y/N) | Additional Details - Interpretation                                                                                                                                                                                                                                                                                                                     | Type                                  | Scale (Interpretive, Major, Medium, Minor, or Sub) | New Construction or Repair (N/R) | Phase (I, Concept, II, Design, III, Fabrication) | Cost Estimate or Sub             | Cost Escalation per year (Base +10%) | Time Estimate (Short, Mid, Long) | Total Cost      | Time |                           |  |
| Charlotte Harbor   | Gasparilla Island   | Dunes and Port Boca Grande Lighthouse       | Conduct post-hurricane historic structures and accessibility assessments for the Port Boca Grande Lighthouse corridor. | Conduct historic assessments and repair elevator. Establish accessible on-grade beach access.                                                                                                                                                             | Evaluate   | Structure               | \$ 150,000.00                          | Mid-Term                                                 | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  | \$ 150,000.00   |      |                           |  |
| Charlotte Harbor   | Gasparilla Island   | Support Facilities                          | Improve function of maintenance area.                                                                                  | Realign road away from staff residence, add a restroom/shower and pole barn to the area.                                                                                                                                                                  | Construct  | Support Facilities      | \$ 350,000.00                          | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  | \$ 350,000.00   |      |                           |  |
| Charlotte Harbor   | Gasparilla Island   | Support Facilities                          | Provide administrative and outdoor interpretive space at a more central location, less vulnerable to storm events.     | Design and construct a new administrative building and enhance trailhead for interpretive elements.                                                                                                                                                       | Construct  | Structure               | \$ 1,500,000.00                        | Long-term                                                | Y                         | Determine the type, design, quantity, and placement of interpretive elements to deepen visitor understanding and improve orientation. Appropriateness in this dynamic coastal area will be.                                                                                                                                                             | Interpretive Planning                 | Medium                                             | Y                                | Phase I, II                                      | \$ 25,000.00                     |                                      | Mid-Term                         | \$ 1,525,000.00 |      |                           |  |
| Charlotte Harbor   | Stump Pass Beach    | Park Entrance                               | Implement entry solutions to effectively manage high visitation.                                                       | Install either a small (possibly portable) ranger station or a kiosk payment                                                                                                                                                                              | Construct  | Structure               | \$ 250,000.00                          | Short-Term                                               | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  | \$ 250,000.00   |      |                           |  |
| Charlotte Harbor   | Stump Pass Beach    | Parking Area                                | Reconstruct safe and organized parking.                                                                                | Delineate parking spaces and evaluate potential pedestrian pathways.                                                                                                                                                                                      | Improve    | Parking                 | \$ 500,000.00                          | Short-Term                                               | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  | \$ 500,000.00   |      |                           |  |
| Charlotte Harbor   | Stump Pass Beach    | Paddlecraft Launch                          | Reconstruct a paddlecraft launch.                                                                                      | Reestablish bayside paddlecraft launch.                                                                                                                                                                                                                   | Construct  | Paddlecraft Launch      | \$ 250,000.00                          | Mid-Term                                                 | Y                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  | \$ 250,000.00   |      |                           |  |
| Charlotte Harbor   | Stump Pass Beach    | Paddlecraft Launch                          | Reconstruct necessary restroom facility/operational support space.                                                     | Renovate restroom and operational support facility.                                                                                                                                                                                                       | Improve    | Structure               | \$ 300,000.00                          | Mid-Term                                                 | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  | \$ 300,000.00   |      |                           |  |
| Charlotte Harbor   | Stump Pass Beach    | Beach access pathways                       | Reestablish sustainable and resilient beach access.                                                                    | Install plant species for habitat restoration, remove defunct boardwalks, reestablish beach access and trail                                                                                                                                              | Improve    | Beach Access            | \$ 100,000.00                          | Mid-Term                                                 | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  | \$ 100,000.00   |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Parkwide                                    | Update and improve interpretation and signage.                                                                         | Provide wayfinding (i.e., Trail Blazes along trails).                                                                                                                                                                                                     | Construct  | Signage                 | \$ 2,500.00                            | Short-Term                                               | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Parkwide                                    | Update and improve interpretation and signage.                                                                         | Interpret sensitive aquatic resources and best practices for visitor-wildlife encounters.                                                                                                                                                                 | Construct  | Signage                 |                                        |                                                          | Y                         | Comprehensive interpretive planning is recommended to determine the most effective way to connect visitors to the meaningful and relevant themes in multiple areas of the preserve. The type, design, quantity and placement of interpretive elements will be specified during this additional planning process. Will include Frog Creek and Hightower. | Interpretive Planning                 | Medium                                             | N                                | Phase I, II, III                                 | \$ 60,000.00                     |                                      | Long-term                        |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Parkwide Trail System                       | Prevent future ecological damage.                                                                                      | Install regulatory signage.                                                                                                                                                                                                                               | Construct  | Signage                 | \$ 1,000.00                            | Short-Term                                               | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Parkwide Trail System                       | Prevent future ecological damage.                                                                                      | Install narrow access pedestrian walk-through fencing/stiles for unauthorized vehicle exclusion                                                                                                                                                           | Construct  | Structure               | \$ 4,000.00                            | Mid-term                                                 | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Parkwide Trail System                       | Study existing and project future visitation.                                                                          | Employ trail counting methodologies and surveys to estimate existing rates of visitor use                                                                                                                                                                 | Conduct    | Assessment              | \$ 20,000.00                           | Undetermined                                             | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Bishop Harbor Road                          | Improve resource protection, security and preserve continuity along the road corridor.                                 | Consult with Collier County to evaluate incorporation of the middle segment of Bishop Harbor Road into the preserve boundary. Thorough evaluation of impediments to traffic patterns and access to private lands along this corridor should be conducted. | Facilitate | Interagency Cooperation | \$ 35,000.00                           | Undetermined                                             | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Bishop Harbor Road                          | Improve resource protection, security and preserve continuity along the road corridor.                                 | Contingent upon road incorporation, install two preserve gates.                                                                                                                                                                                           | Construct  | Gate                    | \$ 70,000.00                           | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Bishop Harbor Road                          | Improve resource protection, security and preserve continuity along the road corridor.                                 | Install a crosswalk over Bishop Harbor Road                                                                                                                                                                                                               | Construct  | Walkway                 | \$ 56,000.00                           | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Bishop Harbor Boat Ramp                     | Improve the boat ramp and parking area.                                                                                | Stabilize the parking area. Maximize efficiency of the parking area (13 trailer spaces) to support sustainable visitor use patterns.                                                                                                                      | Improve    | Parking                 | \$ 100,000.00                          | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Bishop Harbor Boat Ramp                     | Improve the boat ramp and parking area.                                                                                | Stabilize the boat ramp.                                                                                                                                                                                                                                  | Improve    | Structure               | \$ 750,000.00                          | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Bishop Harbor Boat Ramp                     | Improve the boat ramp and parking area.                                                                                | Consider providing a self-serve paddlecraft rental kiosk.                                                                                                                                                                                                 | Construct  | Structure               | \$ 10,000.00                           | Mid-Term                                                 | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Bishop Harbor Boat Ramp                     | Improve the boat ramp and parking area.                                                                                | Improve natural communities adjacent to boat ramp.                                                                                                                                                                                                        | Improve    | Landscape               | \$ 6,000.00                            | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Frog Creek Trailhead                        | Improve visitor services.                                                                                              | Stabilize the parking area and provide one ADA-compliant parking space (5 total spaces).                                                                                                                                                                  | Improve    | Parking                 | \$ 100,000.00                          | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Frog Creek Trailhead                        | Improve visitor services.                                                                                              | Install shelter and seating at trailhead.                                                                                                                                                                                                                 | Construct  | Structure               | \$ 5,000.00                            | Long-term                                                | Y                         | Interpretive kiosk with shelter, seating, and interpretation                                                                                                                                                                                                                                                                                            | Sub of parkwide interpretive planning | Medium                                             | N                                | Phase I, II, III                                 | Sub - see parkwide planning cost |                                      | Long-term                        |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Frog Creek Trailhead                        | Improve visitor services.                                                                                              | Install directional signage (i.e., trail blazes) along the trail.                                                                                                                                                                                         | Construct  | Signage                 | \$ 1,000.00                            | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Frog Creek Trailhead                        | Improve visitor services.                                                                                              | Reroute sections of trail to avoid sensitive resources.                                                                                                                                                                                                   | Construct  | Trail                   | \$ 4,500.00                            | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Halley House Administration Area            | Determine feasibility of restoring the Halley House.                                                                   | Determine the cost of restoring the Halley House to adaptively reuse for administrative office space and/or staff residences.                                                                                                                             | Renovate   | Structure               | SEE INTERP ELEMENT                     | Short-Term                                               | Y                         | Adaptive reuse as an interpretive center could interpret abundance of cultural sites within and near the preserve and regional history of agricultural and coastal economies.                                                                                                                                                                           | Indoor Visitor Center                 | Major                                              | N                                | Phase I, II                                      | \$ 125,000.00                    |                                      | Long-Term                        |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Halley House Administration Area            | Determine feasibility of restoring the Halley House.                                                                   | Coordinate with DHR to complete a condition assessment.                                                                                                                                                                                                   | Conduct    | Assessment              | \$ 20,000.00                           | Short-Term                                               | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Halley House Administration Area            | Determine feasibility of restoring the Halley House.                                                                   | Consult with the Bureau of Natural and Cultural Resources and DHR to develop an appropriate management strategy for the Halley House.                                                                                                                     | Facilitate | Interagency Cooperation | \$ 1,500,000.00                        | Short-Term                                               | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Halley House Administration Area            | Determine feasibility of restoring the Halley House.                                                                   | If deconstructing the Halley House is indicated, coordinate with DHR for documentation.                                                                                                                                                                   | Document   | Structure               | Assessment - \$12,350 Demo - \$600,000 | Short-Term                                               | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Hightower Trailhead                         | Improve visitor services and staff management.                                                                         | Stabilize the parking area and provide one ADA compliant parking space (10 total spaces).                                                                                                                                                                 | Improve    | Parking                 | \$ 100,000.00                          | Mid-Term                                                 | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Hightower Trailhead                         | Improve visitor services and staff management.                                                                         | Install shelter and seating at trailhead.                                                                                                                                                                                                                 | Construct  | Pavilion                | \$ 5,000.00                            | Mid-Term                                                 | Y                         | Interpretive kiosk with shelter, seating, and interpretation.                                                                                                                                                                                                                                                                                           | Sub of parkwide interpretive planning | Medium                                             | N                                | Phase I, II, III                                 | Sub - see parkwide planning cost |                                      | Long-term                        |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Hightower Trailhead                         | Improve visitor services and staff management.                                                                         | Install an observation platform.                                                                                                                                                                                                                          | Construct  | Structure               | \$ 275,000.00                          | Mid-Term                                                 | Y                         | Interpretive elements mentioned above.                                                                                                                                                                                                                                                                                                                  | Observation Deck/Platform             | Medium                                             | N                                | Phase II, III                                    | Sub - see parkwide planning cost |                                      | Long-term                        |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Hightower Trailhead                         | Improve visitor services and staff management.                                                                         | Install a bird blind.                                                                                                                                                                                                                                     | Construct  | Structure               | \$ 15,000.00                           | Mid-Term                                                 | Y                         | Interpretive elements mentioned above.                                                                                                                                                                                                                                                                                                                  | Observation Deck/Platform             | Medium                                             | N                                | Phase I, II, III                                 | Sub - see parkwide planning cost |                                      | Long-term                        |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Hightower Trailhead                         | Improve visitor services and staff management.                                                                         | Consider providing a residence near the trail system.                                                                                                                                                                                                     | Construct  | Structure               | \$ 1,000,000.00                        | Undetermined                                             | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Hightower Trailhead                         | Improve visitor services and staff management.                                                                         | Remove the FPL powerline along Hightower Road.                                                                                                                                                                                                            | Demolish   | Utilities               | \$ 200,000.00                          | Short-Term                                               | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Hightower Trailhead                         | Improve visitor services and staff management.                                                                         | Reroute sections of trails to avoid sensitive resources.                                                                                                                                                                                                  | Construct  | Trail                   | \$ 15,000.00                           | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Potential Trail Improvements and Extensions | Improve and extend trail network.                                                                                      | Construct new trail and/or designate existing management roads as trail (approximately 3 miles).                                                                                                                                                          | Construct  | Trail                   | \$ 237,600.00                          | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Potential Trail Improvements and Extensions | Improve and extend trail network.                                                                                      | Install wayfinding (trail blazes along trails) and interpretation (at trailhead/parking area).                                                                                                                                                            | Construct  | Signage                 | \$ 1,000.00                            | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |
| Central Gulf       | Terra Ceia Preserve | Potential Trail Improvements and Extensions | Improve and extend trail network.                                                                                      | Construct low water crossings (approximately 3750 sq ft)                                                                                                                                                                                                  | Construct  | Structure               | \$ 41,800.00                           | Long-term                                                | N                         |                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                    |                                  |                                                  |                                  |                                      |                                  |                 |      |                           |  |

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