

WAKULLA COUNTY

Adopted Infrastructure Plan

Adopted by the Wakulla County Board of County Commissioners October 15, 2012



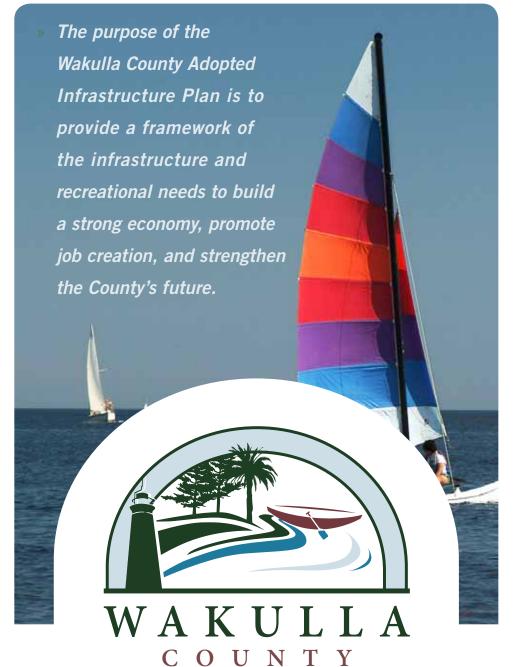


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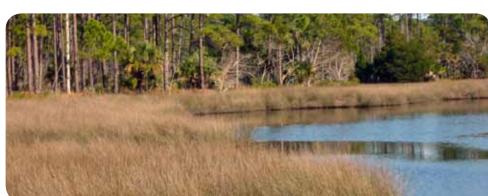


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Introduction

To ensure that County resources are committed to and focused on projects that are the most needed, as well as priorities of the Wakulla County Board of County Commissioners (Board) and local communities, an effort was made to bring together in one document a comprehensive Adopted Infrastructure Plan (Plan).

The genesis of this Plan began with taking into account major county-owned and operated recreational parks, lands and trails, as well as major arterial roads, intersections, bridges, sidewalks, and sewer/stormwater facilities. Each site was evaluated for needed improvements, repairs, new construction, and other potential land uses or acquisitions. Other considerations used to determine projects were the health and safety aspects for our citizens, visitors, and the environment. Furthermore, economic development, workforce development, and educational needs played a major role in project selection.

This Plan provides a framework for developing and maintaining our County resources and will contribute to growing a healthy local economy and workforce, benefiting Wakulla County's citizens, businesses, and visitors. Furthermore, this Plan will foster funding priorities, grant applications, and economic drivers for the County. It also serves as a tool for updating the County's Comprehensive Plan as required by the Department of Economic Opportunity and the Capital Improvement Plan.

This Plan was presented to the Wakulla County Board of County Commissioners on October 1, 2012, and was formally adopted on October 15, 2012.

Project Funding

Each project and its individual elements is subject to the availability of funding, additional public input, and Board approval prior to actual implementation. Some projects may require input, collaboration, and approval of federal and/or state agencies, especially those that may be funded from federal, state, or foundational sources.

All projects will be considered for RESTORE Act funds and grant opportunities as appropriate and as funding becomes available.









PROJECTS: AQUACULTURE — COASTAL





































Coastal waters surrounding Wakulla County, FL

Narrative

PROPOSED PROJECT:

- » Work with the Florida Fish and Wildlife Conservation Commission (FWC), local recreational and commercial fishermen, and the Organization for Artificial Reefs (OAR) to determine the best locations and materials for the artificial reefs.
- » Use heavy, stable, durable, and non-polluting materials when constructing the artificial reefs.

EXISTING CHARACTERISTICS:

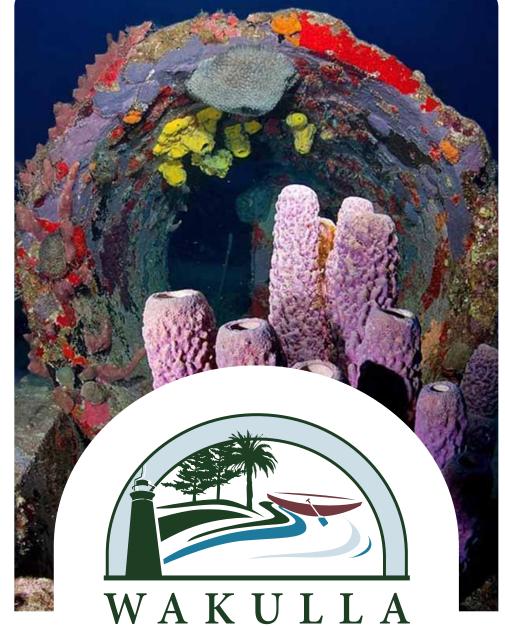
» According to the FWC website, there are 33 artificial reefs along Wakulla County's coast, including Marker 24 and Rotary Reef 3, all made from various materials.



ADDITIONAL INFORMATION:

- » Due to regional impact, collaborate and partner with surrounding counties and experts.
- » Visit http://myfwc.com/conservation/saltwater/ artificial-reefs/ar-program for more information on the Artificial Reef Program in Florida.





COUNTY





Oyster Relay/ Planting



Location

Coastal waters surrounding Wakulla County, FL

Narrative

PROPOSED PROJECT:

- » Annual project to relocate oysters from waters classified as "restricted" or "conditionally restricted" to waters classified as "conditionally approved" or approved. After a certain period of time, the oysters cleanse themselves and become safe for humans to eat.
- » An Oyster Relay Program aids in creating a sustainable environment for seafood harvesting and employment opportunities that have been significantly impacted by the closure of oyster harvesting zones in the County.
- » Relay is held by the Wakulla Commercial Fisherman Association (WCFA).
- » Identify new oyster beds and evaluate current stock year-to-year.



EXISTING CHARACTERISTICS:

» In 2011, a \$50,000 oyster relay grant was awarded to Wakulla County by the Florida Department of Agriculture and Consumer Services.

ADDITIONAL INFORMATION:

- » Oyster relay/planting is:
 - A recurring event that stimulates the economy.
 - Most often accomplished during closed harvesting seasons.
 - Increases and promotes healthy oysters.











ADDITIONAL PROJECTS

Project Name	Project Description	Estimated Project Cost
Wakulla County Coastal Waters Growing oysters in trees	Pilot program to establish cost and effectiveness of growing oysters on tree limbs and woody shrubs, which could be obtained from cleared public or private lands. Oysters would be planted in strategic coastal areas for easy monitoring.	\$25,000





PROJECTS: BIKE/PEDESTRIAN/PADDLING TRAILS



























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Cost Estimate: \$2,000,000



- Phase 5A: picks up at the west end of the St. Marks National Refuge (where Phase 4 ends), running along Surf Road to the intersection of U.S. 319, Sopchoppy city limits (~0.95 miles). CRTPA has committed funding for design, permitting and construction in FY 2012-13; however an additional \$10,000 is needed to fully complete construction.
- Phase 5B: picks up at the intersection of Surf Road and U.S. 319, running along U.S. 319 and ending in Sopchoppy at the historic Train Depot (~0.95 miles). This phase is unfunded with an estimated cost of \$1,000,000 to design, permit, and construct.

ADDITIONAL INFORMATION:

- » The OBBT is a priority of the Wakulla County Board of County Commissioners and included in the County's 2012 approved Bicycle, Pedestrian and Blueways Master Plan.
- » Funding needed to complete Phases 2 and 5B is being pursued at the state level.



Ochlockonee **Bay Trail**



Location

The Ochlockonee Bay Trail (referred to locally as the "OBBT") begins at Mashes Sands Park, just southeast of Panacea, FL, with a proposed endpoint at the historical Train Depot in Sopchoppy, FL

Narrative

PROPOSED PROJECT:

- » When completed, the OBBT will be approximately 13 miles long and serve as a connector trail to the planned Capital to the Sea Loop and many local popular outdoor recreational sites, including the Ochlockonee State Park, the Florida Trail, and the St. Marks National Wildlife Refuge.
- » The completed OBBT will be a major tourism and economic driver for Wakulla County and guite possibly Franklin and Bay counties.
- » Funding for the OBBT thus far has come from a Florida Department of Transportation (FDOT) Enhancement Grant and, most recently, a commitment from the Capital Region Transportation Planning Agency (CRTPA) for Phase 5A.

EXISTING CHARACTERISTICS:

» The OBBT is divided into the following phases that originated from a 2003 design plan:

• Phase 1: begins just west of the Mashes Sands trailhead and ends east of the Tide Creek Bridge (~2.09 miles). Completed.

Wakulla County Trail System

MILE

- Phase 2: includes the Tide Creek Bridge and proceeds along Mashes Sands Road (CR 372) across the intersection of U.S. 98, where CR 372 turns into Surf Road and extends approximately 1.90 miles along Surf Road (total length is ~2.38 miles). \$1.1 million in funding is needed to complete Phase 2.
- Phase 3: picks up where Phase 2 ends and continues running along Surf Road, ending at the southeastern boundary of the St. Marks National Wildlife Refuge (~1.40 miles). **FDOT** funding will be available FY 2013-14 for construction.
- Phase 4: passes entirely within the St. Marks National Wildlife Refuge running alongside Surf Road (~4.78 miles). Construction is in process and expected to be completed in early 2013.







Cost Estimate: \$575,000





Ochlockonee **Bay Trail Amenities**



Location

Along the Ochlockonee Bay Trail Corridor (referred to locally as the "OBBT"), which begins at Mashes Sands Park, just southeast of Panacea, FL, with a proposed endpoint at the historical Train Depot in Sopchoppy, FL

Narrative

PROPOSED PROJECT:

- » Add amenities, including:
 - Animal-proof trash and recycle cans
 - Shelters
 - Benches
 - Pre-fabricated restrooms
 - Boardwalks and observation platforms, which includes a crossing at Buckhorn Creek
 - Bike racks
 - Potable water
 - Directional and informational signage



EXISTING CHARACTERISTICS:

» New — no existing characteristics.

ADDITIONAL INFORMATION:

» Trail amenities are included in the Wakulla County 2012 Adopted Bicycle, Pedestrian, and Blueways Master Plan.





Cost Estimate: \$650,000





COUNTY

Ochlockonee Bay Trailheads



Location

Three trailheads along the Ochlockonee Bay Trail (referred to locally as the "OBBT"), which begins at Mashes Sands Park, just southeast of Panacea, FL, with a proposed endpoint at the historical Train Depot in Sopchoppy, FL

Narrative

PROPOSED PROJECT:

- » Mashes Sands: Provide a defined and developed trailhead with amenities normally associated with trailheads, such as restrooms, parking, ADA access, potable water, shelters, benches, trash cans, and bike racks.
- » Surf Road: The OBBT Surf Road segment is the longest section of the OBBT, and there is no designated or defined trailhead or other amenities. There is also no commercial development along Surf Road to provide any shelter, refreshments, or restrooms. The County would need to acquire property and design, permit, and construct a trailhead with amenities.
- » Sopchoppy: Provide a defined trailhead at the Sopchoppy Train Depot with bike racks, parking, and signage.



EXISTING CHARACTERISTICS:

- » Mashes Sands: The trailhead at Mashes Sands is undeveloped. Therefore, funding is needed to design, permit, and construct a dedicated and defined trailhead with amenities.
- » Surf Road: None
- » Sopchoppy: The Sopchoppy Train Depot, which already exists, would be designed as a trailhead.

ADDITIONAL INFORMATION:

» Trailheads for the OBBT are included in the approved 2012 Wakulla County Bicycle, Pedestrian and Blueways Masterplan.





Cost Estimate: \$19,860,000





COUNTY



Location

Various locations in Wakulla County, FL (see Map on following page)

Narrative

PROPOSED PROJECT:

- » The preliminary plan for the Capital City to the Sea Loop (CCSL) is to create a paved 120-mile trail loop running from Cascades Park in Tallahassee through various parts of Wakulla and Franklin counties.
- » This effort is being lead by Capital Regional Transportation Planning Agency (CRTPA).
- » Expected completion date is within the next five years.
- » Once completed it will not only connect Leon, Wakulla, and Franklin counties, but will also connect to the St. Johns River to the Sea Loop, connecting North Florida to various parts of Central Florida.
- » Add equestrian trails in parallel along sections that can connect with the Equestrian Center and other equestrian trails.



EXISTING CHARACTERISTICS:

- » The 16-mile St. Marks Bike Trail, which stretches from Tallahassee to St. Marks is one completed segment of the CCSL.
- » The OBBT will also connect to the CCSL.

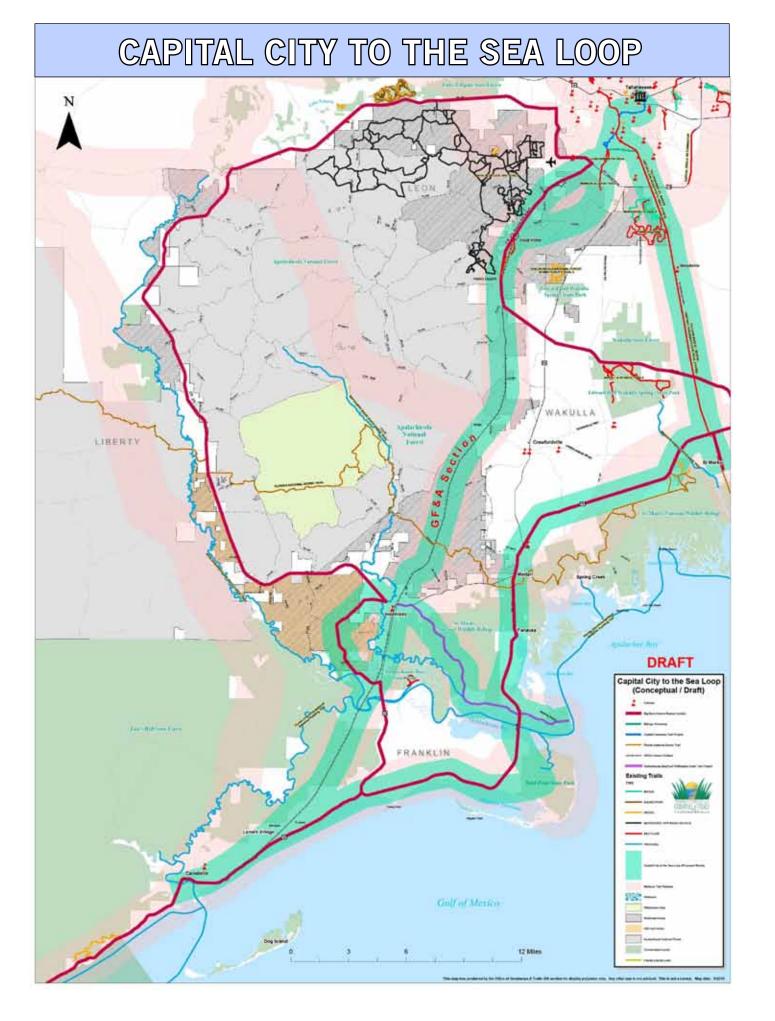
ADDITIONAL INFORMATION:

- » Funding for this project comes from the CRTPA.
- » Portions of the CSSL located in Wakulla County are included in the County's approved 2012 Bicycle, Pedestrian and Blueways Masterplan, where additional information and maps can be found.









Cost Estimate: \$14,532,000



Connector Trails

Location

Various locations in Wakulla County, FL (see Map on following page)

Narrative

PROPOSED PROJECT:

- » Provide strategically placed paved, designated multi-use bike and pedestrian trails with signage throughout Wakulla County, giving maximum connectivity to and between locations, such as downtown Crawfordville, St. Marks, St. Marks Bike Trail, OBBT, Sopchoppy, Panacea, Medart, New Port, St. Marks Lighthouse, Wakulla River, Wakulla Springs and other popular destinations.
 - **Arran Road** connecting at U.S. 319 and terminating at a future trailhead near Forest Highway 13. Estimated cost of \$1,123,000.
 - **Bloxham Cutoff** (SR 267) from Rosa Shingles Road to the St. Marks Bike Trail along SR 363. Estimated cost of \$3,197,000.
 - **CR 59 (Lighthouse Road)**, connecting the intersection of CR 59 at U.S. 98 to the St. Marks Lighthouse. Estimated cost of \$511,000.

- Curtis Mills Road from the intersection at Smith Creek Road and U.S. 319. Estimated cost of \$2,721,000.
- MLK connecting U.S. 319 to U.S. 98. Estimated cost of \$2,109,000.
- Shadeville Highway (CR 365) at the intersection of U.S. 319 (St. Marks Bike Trail cross over) to the intersection of Bloxham Cutoff (SR 267). Estimated cost of \$1,197,000.
- St. Marks Wildlife Refuge from CR 59 to St. Marks. Estimated cost of \$1,701,000.
- U.S. 319 from Medart, starting at U.S. 319, where it splits off into U.S. 98, and then running along U.S. 319 and connecting to the OBBT at the intersection of U.S. 319 and Surf Road. Estimated cost of \$1,973,000.





EXISTING CHARACTERISTICS:

» These connector trails are included in the County's Adopted Bicycle, Pedestrian, and Blueways Masterplan, 2012, where additional information and site specific maps can be found.

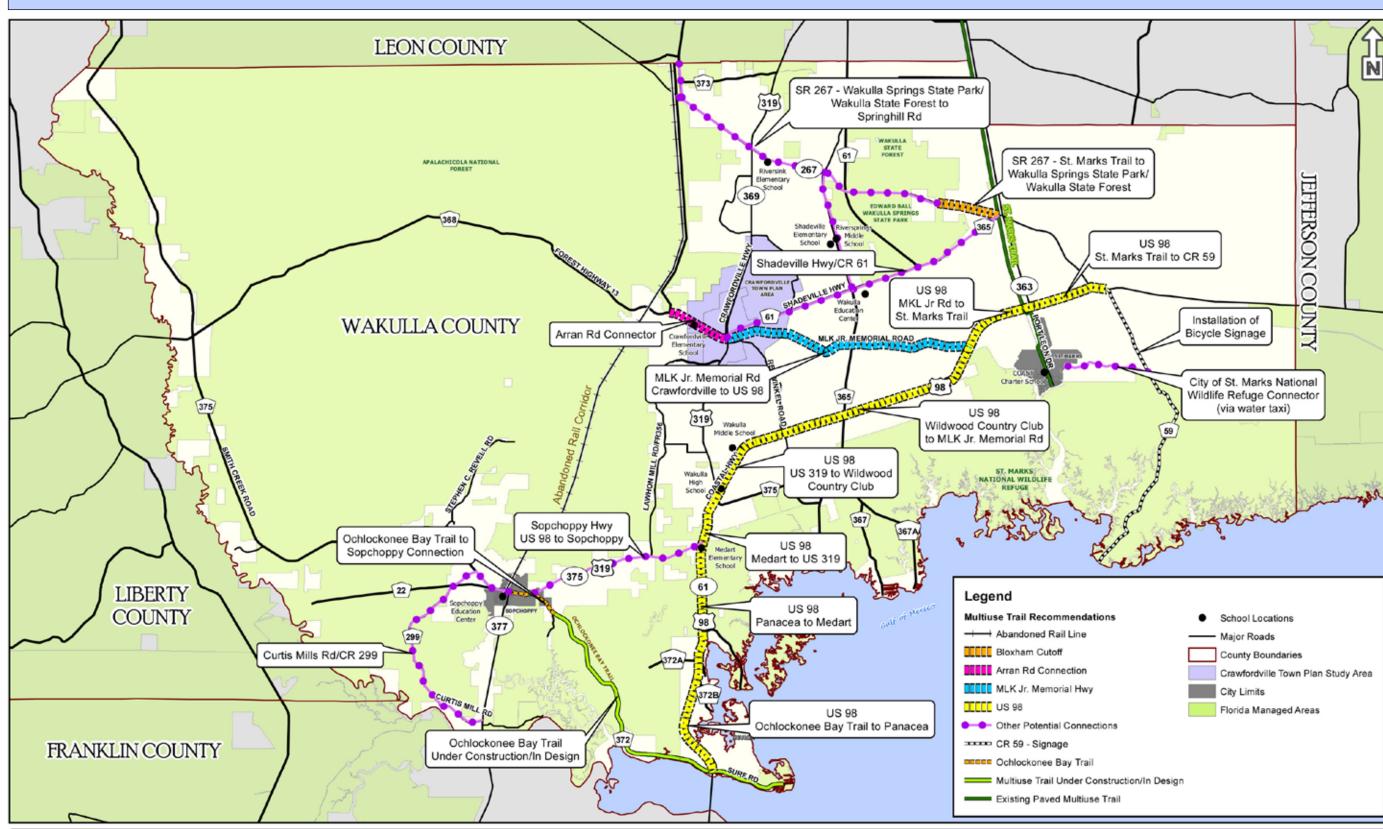
ADDITIONAL INFORMATION:

» These connector trails are not part of the Capital to the Sea Loop.





WAKULLA COUNTY CONNECTOR TRAILS



Paddling Trails

Location

Various locations along rivers, lakes, and coastline in Wakulla County, FL

Narrative

PROPOSED PROJECT:

- » Construct signage in multiple locations along Wakulla's rivers, lakes, and coastline to identify dedicated canoe/ kayak launches and designated paddling trails.
- » Design, permit, and construct canoe/kayak launches to provide access to Wakulla County's many rivers, lakes, and coastal waters, especially areas providing access to a state designated paddling trail.

EXISTING CHARACTERISTICS:

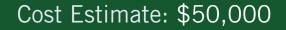
- » Wakulla has four state designated paddling trails (or "blueways"):
 - Wakulla River Paddling Trail
 - Sopchoppy River Paddling Trail
 - Ochlockonee River Lower Paddling Trail
 - Florida Circumnavigational Saltwater Paddling Trail (Crocked River/St. Marks Refuge segment)



- » Wakulla has several parks and boat ramps along the state designated paddling trails.
- » Other popular areas for canoe/kayaking not designated as a state paddling trail include the St. Marks River, Wakulla River south of U.S. 98, and Lake Ellen.
- » Canoers and kayakers are using existing boat ramps intended for motorized boats and vessels to gain water access for this popular activity. Others are launching the canoe/kayak anywhere along the banks and shoreline, often dragging the canoe/kayak over sand and vegetation.









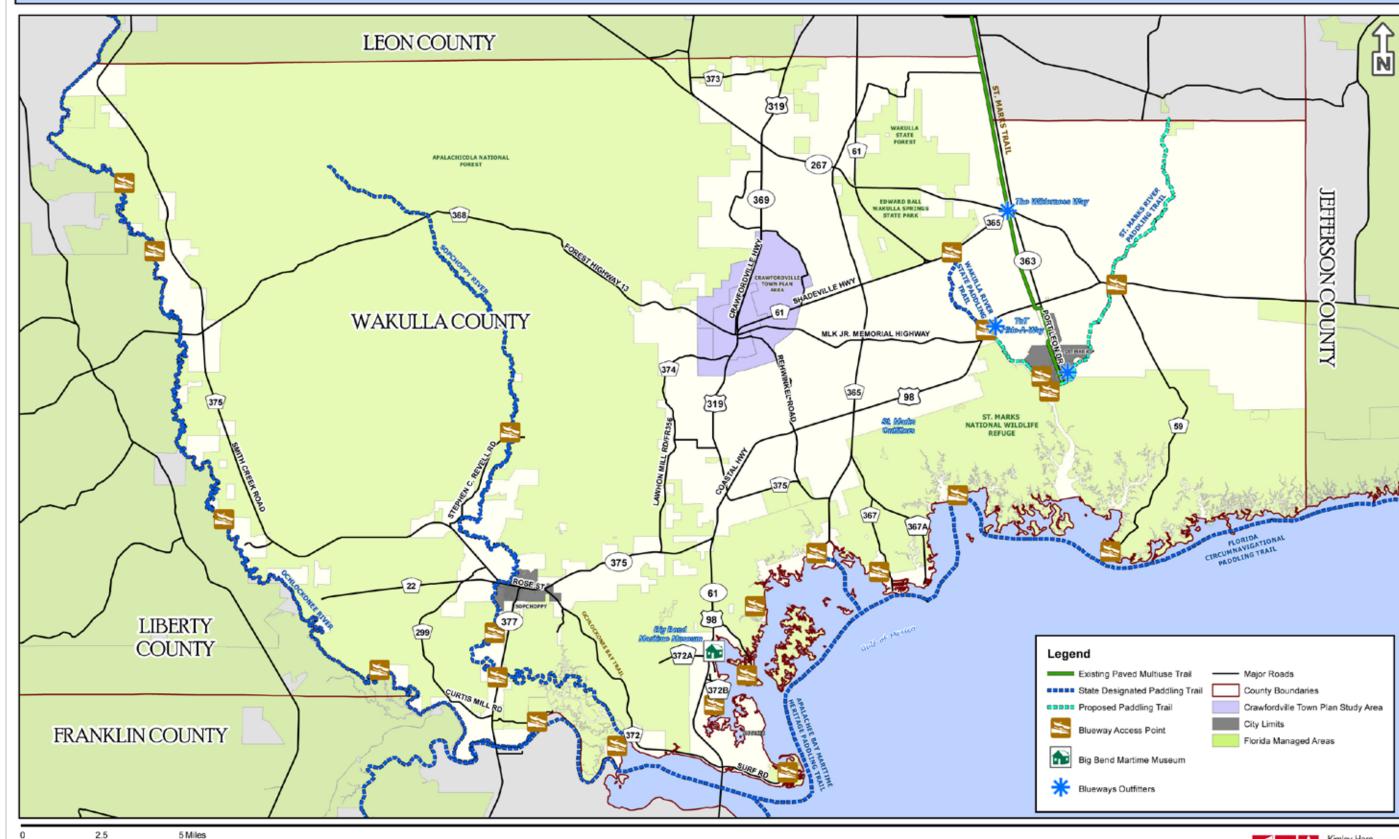
ADDITIONAL INFORMATION:

- » A blueway, or paddling trail, is a water path that is accessible to the public for the purposes of canoeing or kayaking. Blueways typically include launch points, camping locations, and points of interest to encourage family recreation, ecological education, and preservation of natural resources.
- » Signage and dedicated canoe/kayak launches along Wakulla's state designated blueways is included in the adopted 2012 Wakulla County Bicycle, Pedestrian, and Blueways Masterplan.
- » Some canoe/kayak launches are included as part of a larger project and can be found in the Parks, Recreation and Community Facilities; Bridges-Coastal; and Bridges-Fresh Water sections.





WAKULLA COUNTY BLUEWAY FACILITIES







PROJECTS: BOAT RAMPS — COASTAL





















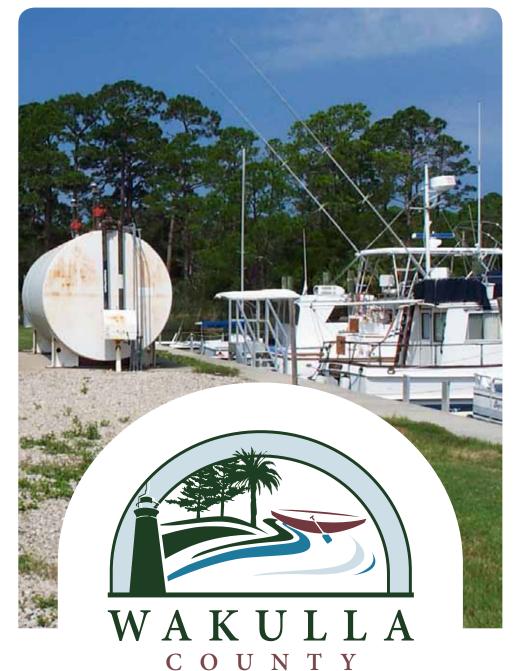






Cost Estimate: \$2,000,000





Bayside Marina



Location

2273 Surf Road, Panacea, FL; Bayside Marina on Surf Road

Narrative

PROPOSED PROJECT:

- » Acquisition of existing property and marina.
- » Restore the marina.
- $\,\,^{\scriptscriptstyle{)}}$ Restore the boat ramp that is at the marina.
- » The proposed ramp will be made of concrete and wide enough to launch two boats at once.

EXISTING CHARACTERISTICS:

- » Marina currently listed for sale for \$499,000
- » 2.58 acres
- » +/- 36 existing boat slips
- » Overlooks Ochlockonee Bay
- » Located on the south side of Surf Road



ADDITIONAL INFORMATION:

» The County would like to close the boat ramp at the end of Roho Road that is in close proximity to the marina.





Mashes Sands Park — **Boat Ramp**



Location

848 Mashes Sands Road, Panacea, FL (Approximately)

Narrative

PROPOSED PROJECT:

- » Extend the ramp. Currently there is a steep drop-off.
- » Armor the ramp to prevent further erosion at the end of the ramp.
- » Construct new restroom facility.
- » Dredge canal and construct sheet pile wall (also included in Additional Projects table on page 26).

EXISTING CHARACTERISTICS:

- » Boats that launch at this ramp can access Ochlockonee Bay and Apalachee Bay.
- » Ramp is constructed of concrete.
- » Twelve parking spots in a gravel parking area.
- » A fee is required to launch at this ramp.
- » Restrooms



ADDITIONAL INFORMATION:

» No additional information.





Cost Estimate: \$1,000,000





COUNTY



COUNTY

Cost Estimate: \$1,250,000







Shell Point Beach, Shell Point, FL

Narrative

PROPOSED PROJECT:

- » Build concrete boat ramp wide enough for two boats to launch.
- » Add restroom facility, parking area, and floating dock.
- » Acquire property.

EXISTING CHARACTERISTICS:

» Vacant lot

ADDITIONAL INFORMATION:

» No additional information.









Rock Landing Improvements and Commercial Pier





Dickerson Bay (Off U.S. 98, south of Crawfordville), Panacea, FL

Narrative

PROPOSED PROJECT:

- » Add a fish cleaning area.
- » Construct a boardwalk.
- » Expand the number of boat slips.
- » Expanded parking through land acquisition.
- » Provide stormwater management for runoff from the parking area into the Bay.
- » Add education kiosks and information throughout the Park area.
- » Expand docking for permitted commercial vessels, which will help to revive the commercial fishing industry, as there are limited docking slips currently available.

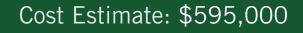
EXISTING CHARACTERISTICS:

- » 24-hour accessible public boat ramp that can be used by both permitted commercial and recreational fisherman
- » 10 boat slips
- » Limited parking



- » Rock Landing was purchased through a Florida Boating Improvement Program grant in 2006. It is part of the Panacea Waterfronts Community Program and provides boating and fishing activities, as well as a gathering spot for visitors. It also provides access to the Gulf of Mexico.
- » Rock Landing lies within the Ochlockonee Barriers, a 22.1-mile stretch of beaches extending from Turkey Point, Franklin County, to the St. Marks River, Wakulla County. Within this area is an important regional network of federal, state and private conservation lands, including the St. Marks National Wildlife Refuge, Apalachicola National Forest, Tate's Hell State Forest, Ochlockonee River State Park, and the Phipps Preserve, providing for an array of outdoor recreation opportunities.











PROJECTS: BOAT RAMPS — COASTAL

	Project Name	Project Description			
Spring Creek	Spring Creek Marina and Boat Ramp	Acquire the Spring Creek Marina and boat ramp site. The ramp is located in the boundary of the City of St. Marks and was originally completed with County assistance. Design and construct a new boat ramp, rehabilitate the marina, add ADA accessibility, pave parking area, renovate restroom and changing area, and rehabilitate boat docks and slips.	\$1,200,000		
Live Oak and Oyster Bay	Community Boat Ramps	Increase parking at these boat ramps.	TBD		
Dredging	Mashes Sands Park Boat Ramp Sunrise Canal Shell Point Oyster Bay Channel Spring Creek Canals Ochlockonee Bay Channel	Dredging is needed to provide for safer passage of vessels.	TBD		

TBD = To be determined.





PROJECTS: BOAT RAMPS — FRESH WATER

























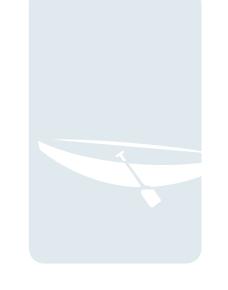


Cost Estimate: \$400,000





Curtis Mill Boat Ramp



Location

End of N.T. Smith Road, Sopchoppy, FL

Narrative

PROPOSED PROJECT:

- » Build a new concrete boat ramp wide enough for one boat to launch.
- » Add stabilized parking in the existing 60-foot-wide right-of-way.

EXISTING CHARACTERISTICS:

» Small amount of room exists within the right-of-way for parking.

ADDITIONAL INFORMATION:

» No additional information.





Lake Ellen Canoe/Kayak



ADDITIONAL INFORMATION:

» Ramp is in poor condition and needs to be replaced.

Location

Launch

Ellen Drive, Crawfordville, FL (Exit U.S. 98 at Floyd Gray Road, head north to Lake Ellen)

Narrative

PROPOSED PROJECT:

- » Construct a canoe/kayak launch and dredge launch area.
- » Improve parking.
- » Construct stabilized parking area within the existing right-of-way at the end of Ellen Drive.

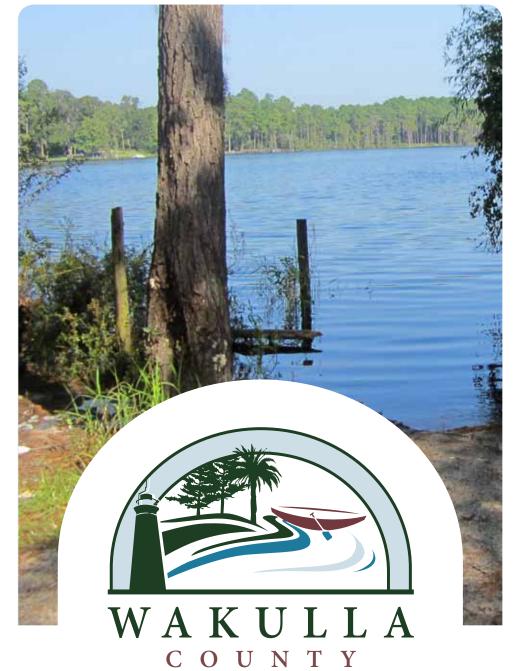
EXISTING CHARACTERISTICS:

- » The public ramp allows boaters to access Lake Ellen.
- » Ramp is narrow and made of concrete.
- » No defined parking area results in vehicles parking along the shoulders of Lake Ellen Drive.





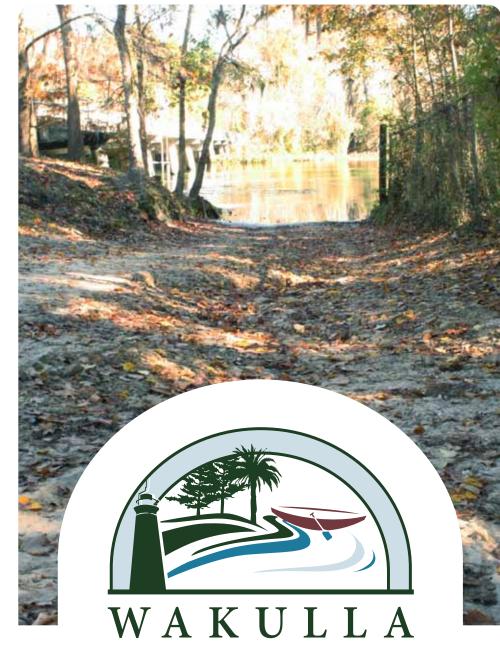






Cost Estimate: \$300,000





COUNTY

Wakulla River CR 365



West bank of Wakulla River and south shoulder of County Road 365, St. Marks, FL (locally referred to as "Upper Bridge")

Narrative

PROPOSED PROJECT:

- » Construct a canoe/kayak launch with synthetic matting or turf for use by non-motorized blueway users (who don't want to be intimidated by larger, motorized boats).
- » Improve parking.
- » Install trash cans, changing area, and restrooms.

EXISTING CHARACTERISTICS:

- » Narrow ramp constructed out of sand.
- » Minimal parking.
- » Motorized boats are allowed to launch from this site, although it is very narrow and uneven with limited parking.



- » Portions of the Wakulla River between this launch site and the U.S. 98 bridge may be shallow during certain seasons, making the river less manageable for some motorized boats.
- » State designated paddling trail.

ADDITIONAL INFORMATION:

- » Direct motorized boats to the paved ramp along U.S. 98.
- » Included in the 2012 Wakulla County Adopted Bicycle, Pedestrian and Blueways Master Plan.





Cost Estimate: \$150,000





Wakulla River U.S. 98

Location

Wakulla River and U.S. 98 (locally referred to as "Lower Bridge")

Narrative

PROPOSED PROJECT:

- » Design and construct asphalt access road at U.S. 98.
- » Stabilize parking area.
- » Add ADA parking.
- » Improve existing canoe/kayak launch.

EXISTING CHARACTERISTICS:

- » Concrete boat ramp for motorized boats.
- » Canoe/kayak rentals and launch.
- » Included in the 2012 Wakulla County Adopted Bicycle, Pedestrian and Blueways Master Plan.



ADDITIONAL INFORMATION:

» No additional information.









PROJECTS: BRIDGES

























Cost Estimate: \$4,500,000







WAKULLA

COUNTY

COUNTY



Location

Sopchoppy River and County Road 375, Sopchoppy, FL

Narrative

PROPOSED PROJECT:

» Replace and widen bridge decking, widen bridge approach, and replace foundations.

EXISTING CHARACTERISTICS:

» Bridge length: 225 LF

» Bridge width: 22 ft.

ADDITIONAL INFORMATION:

» Existing facility is in need of structural rehabilitation.







Cost Estimate: \$2,200,000





Tide Creek Bridge

Location

Mashes Sands Road (at Tide Creek), Panacea, FL

Narrative

PROPOSED PROJECT:

» Widen bridge decking and bridge approach, relocate utilities, and add foundations.

EXISTING CHARACTERISTICS:

» Bridge length: 190 LF

» Bridge width: 28 ft.

» Serves private residences, public boat ramp users (commercial and recreational), two public coastal parks, and a regional multi-use trail.



ADDITIONAL INFORMATION:

- » The Tide Creek Bridge is the missing link that connects Phases 1 and 2 of the Ochlockonee Bay Trail, which is part of the Capital City to the Sea Loop Trail (a regional multiuse trail).
- » The Tide Creek Bridge is a crucial part of the evacuation route for Mash Island residents in the case of a storm or emergency. The bridge is the only access to the area.



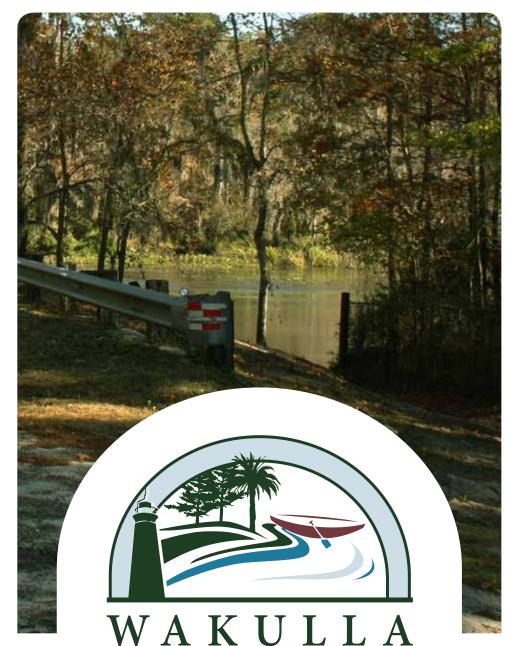


PROJECTS: BRIDGES

36

Cost Estimate: \$5,600,000

GAJITION MANATEE AREA



C O U N T Y

Wakulla River CR 365



Location

Wakulla River and County Road 365, FL (locally referred to as "Upper Bridge")

Narrative

PROPOSED PROJECT:

» Widen bridge decking, widen bridge approach, and add foundations.

EXISTING CHARACTERISTICS:

» Bridge length: 450 LF

» Bridge width: 40 ft.

» Boat launch site next to bridge.

ADDITIONAL INFORMATION:

» Regarding boat launch next to the bridge — Direct motorized boats to the paved ramp along U.S. 98. Construct the Upper Bridge boat ramp with synthetic matting or turf for use by non-motorized blueway users (who don't want to be intimidated by larger, motorized boats).









PROJECTS: INTERSECTIONS

























U.S. 319 & Arran Road/ Martin Luther King, Jr. **Memorial Road**





COUNTY

Cost Estimate: \$6,000,000

Location

Crawfordville, FL (near Courthouse)

Narrative

PROPOSED PROJECT:

- » Add travel and auxiliary lanes to each approach to increase capacity:
 - Arran Road/Martin Luther King, Jr. Memorial Road to be improved where warranted.
 - U.S. 319 to become a four lane facility with turn lanes.
- » Add sidewalks and landscaping, upgrade signals, and relocate utilities.
- » Acquire right-of-way.

EXISTING CHARACTERISTICS:

» Signal-controlled intersection.

ADDITIONAL INFORMATION:







Cost Estimate: \$2,800,000



C O U N T Y

U.S. 319 & Ivan Church Road



Crawfordville, FL (near Walmart)

Narrative

PROPOSED PROJECT:

- » Realign Ivan Church Road.
- » Add travel and auxiliary lanes to U.S. 319 approaches to increase capacity:
 - Ivan Church Road to be improved where warranted.
 - U.S. 319 to become a four lane facility with turn lanes.
- » Add sidewalks and landscaping, upgrade signals, and relocate utilities.
- » Acquire right-of-way.

EXISTING CHARACTERISTICS:

» Signal-controlled intersection.

ADDITIONAL INFORMATION:







Cost Estimate: \$4,000,000



COUNTY

U.S. 319 & Wakulla-Arran Road



Location

Crawfordville, FL (near McDonald's)

Narrative

PROPOSED PROJECT:

- » Add travel and auxiliary lanes to U.S. 319 to increase capacity:
 - Wakulla-Arran Road to be improved where warranted.
 - U.S. 319 to become a four lane facility with turn lanes.
- » Add sidewalks and landscaping, upgrade signals, and relocate utilities.
- » Acquire right-of-way.

EXISTING CHARACTERISTICS:

» Signal-controlled intersection.

ADDITIONAL INFORMATION:

» No additional information.







PROJECTS: INTERSECTIONS

Cost Estimate: \$4,400,000

U.S. 319 & SR 267 (Bloxham **Cutoff Road**)



North of Crawfordville, FL

Narrative

PROPOSED PROJECT:

- » Add travel and auxiliary lanes to all approaches to increase capacity:
 - SR 267 to become a four lane facility with turn lanes.
 - U.S. 319 to become a four lane facility with turn lanes.
- » Add landscaping and medians, and upgrade signals.
- » Acquire right-of-way.

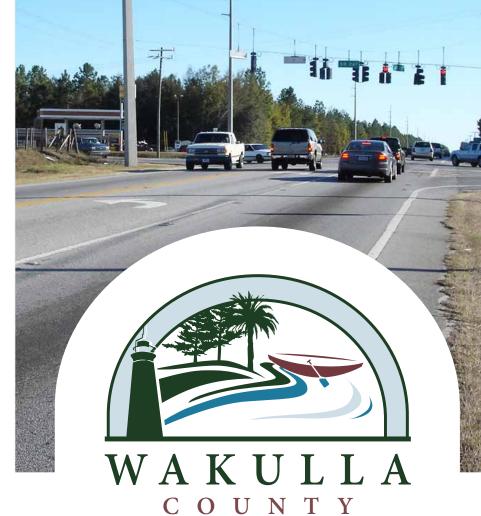
EXISTING CHARACTERISTICS:

» Signal-controlled intersection.

ADDITIONAL INFORMATION:









Cost Estimate: \$6,100,000



U.S. 319 & U.S. 98 Intersection Realignment

Location

Medart, FL

Narrative

PROPOSED PROJECT:

- » Realign U.S. 319 to intersect U.S. 98 at a more perpendicular angle.
- » Add auxiliary lanes to each approach to increase capacity.
- » Acquire right-of-way and relocate utilities.

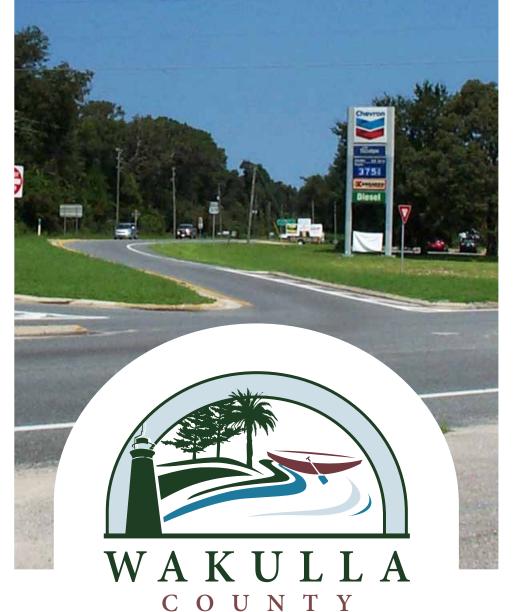
EXISTING CHARACTERISTICS:

» Stop sign at intersection.

ADDITIONAL INFORMATION:













PROJECTS: PARKS, RECREATIONAL & **COMMUNITY FACILITIES**

























Cost Estimate: \$1,300,000





Crawfordville Chain of Parks

(Hudson, Azalea, Crabapple and Hickory Parks)



Location

In the center of downtown Crawfordville, FL

Narrative

PROPOSED PROJECT:

- » Hudson Park: Add new restroom facilities, signage, vendor/ walking path with electrical hookups, amphitheater, and site lighting.
- » Azalea Park: Mill and resurface walking trail and provide paved parking.
- » Crabapple Park: Design, permit, and construct a park with walking paths, shelters, lighting, picnic tables, and other features normally associated with a downtown park.
- » Connect Hudson, Azalea, Crabapple, and Hickory parks through sidewalks or walking trails to provide a "Chain of Parks".

EXISTING CHARACTERISTICS:

» Hudson Park: This is primarily an event park used for many public and private events. It has restrooms and a large covered pavilion with stage.



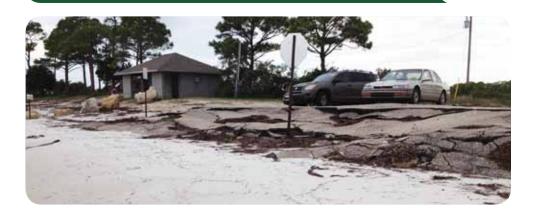
- » Crabapple Park: Undeveloped.
- » Hickory Park: Primary features include tennis courts and playground equipment.

ADDITIONAL INFORMATION:





Cost Estimate: \$2,925,000





Mashes Sands Park Improvements and Amenities



Location

At the east end of Mashes Sands Road, FL

Narrative

PROPOSED PROJECT:

- » Rehabilitate boat ramp areas and beach.
- » Improve parking lot.
- » Add entrance gate, canoe/kayak launch, restrooms, observation platforms, signage/educational kiosks, and walking paths.
- » Extend wooden walkway for observation.
- » Mat beach sand for wheelchair accessibility to beach.

EXISTING CHARACTERISTICS:

- » Public fishing pier (wooden).
- » Boat ramp.
- » Beach access.



ADDITIONAL INFORMATION:

» Cost of \$2,925,000 includes boat ramp rehabilitation, which is also addressed in the Boat Ramps — Coastal section.





Cost Estimate: \$1,200,000





Recreational Complex



Location

Crawfordville, FL (exact location to be determined)

Narrative

PROPOSED PROJECT:

- Design and construct a multi-sport recreational facility for both recreational youth and high school participants, complete with athletic fields, seating, restrooms, and concession stands.
- Requires property acquisition.

EXISTING CHARACTERISTICS:

» New project — no existing characteristics.

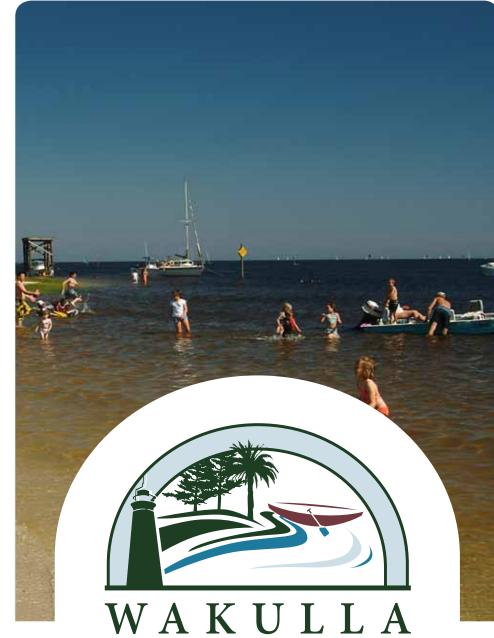
ADDITIONAL INFORMATION:





Cost Estimate: \$5,200,000





COUNTY

Shell Point Park



Location

117 Beaty Taff Drive, FL (From Spring Creek Highway, turn onto Highway 367)

Narrative

PROPOSED PROJECT:

- » Restore/renourish beach to increase and stabilize dune habitat.
- » Upgrade existing beach maintenance plan, design improvements, and construct improvements:
 - Gazebo
 - Canoe/Kayak Launch
 - New playground
 - Signage
 - Paved parking
 - Replace the "old fisherman's" jetty
- » Land acquisition to expand public beach access and parking to the west of existing park, and add another fishing jetty.

EXISTING CHARACTERISTICS:

- » Serves local and regional beachgoers.
- » The beach includes a playground, restroom facility, large pavilion, and three sun shelters.

ADDITIONAL INFORMATION:

- » Cost of project could be, potentially, \$2,000,000 less if a permitable sand source is located just offshore.
- » Refer to the Boat Ramps Coastal section for Shell Point Park boat ramp.





Wakulla County **Community** Center



» Pedestrian traffic is from local residents.

» Automobile traffic is from residents and drivers using Trice Lane to reach Crawfordville highway.

ADDITIONAL INFORMATION:

» Property originally served as a church and was purchased by the County in 2010. The east building currently houses some Sheriff's office functions (they will relocate), and the west building is used for public workshops and private gatherings (small fee for use). A HUD Congressional Special Project grant of \$396,000 is being used to construct a multi-purpose room in accordance with the original scope. Additional funds are needed to complete all renovations, rehabilitation, and additions.

PROJECT LOCATION



COUNTY

Cost Estimate: \$2,500,000

Location

Shadeville Road and Trice Lane, Shadeville, FL

Narrative

PROPOSED PROJECT:

- » Build recreational facilities that include:
 - Pool
 - Multi-use fields
- Walking paths
- Exercise stations
- Basketball courts
- Beach volleyball courts
- Picnic pavilion
- Restroom facility
- Playground equipment

EXISTING CHARACTERISTICS:

» Property is 22.32 acres (approximately half of the property has been cleared).



Woolley Park/

Location

Panacea, FL (east of Highway 98)

Narrative

PROPOSED PROJECT:

Big Bend

Maritime

Center

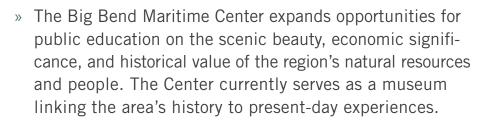
- » Pave and stabilize parking area and repave walking path.
- » Upgrade and renovate existing building, boardwalk, and playground.
- » Construct canoe/kayak launch.
- » Renovate interior of buildings.
- » Improve stormwater facilities and landscaping.
- » Add turtle-sensitive lighting and amphitheater.
- » Provide connectivity and cohesiveness between Woolley Park and Big Bend Maritime Center.

EXISTING CHARACTERISTICS:

» Buildings, playground, boardwalk, and picnic area.

ADDITIONAL INFORMATION:

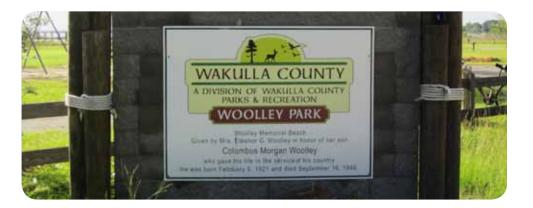
» Woolley Park is an "event park" and home to Blue Crab Festival and Children's Fishing Tournament.

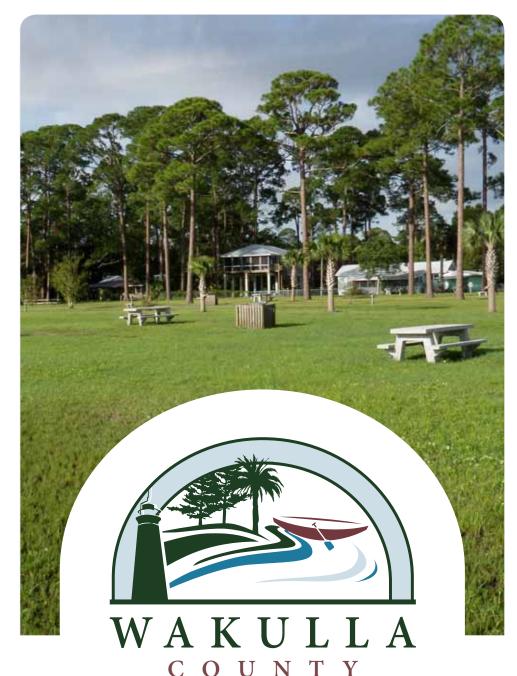


» The planned (future) Big Bend Maritime Center will promote north Florida waterways and serve as an informational resource with a blueway launch site. The portion of the Florida Circumnavigational Saltwater Paddling Trail in Wakulla, from Mashes Sands along the coast to the Refuge, will be developed and marketed as the Apalachee Bay Maritime Heritage Paddling Trail. The Center will be a focal point of activity, with one of the houses on the property devoted to Apalachee Bay and equipped with charts, nature and heritage information, and parking for launching canoes/kayaks.

PROJECT LOCATION









	Project Name	Project Description	Estimated Project Cost
	Cultural and Historic Town Center – Crawfordville	Design, permit, and construct a town square and promenade. Land acquisition may be necessary.	TBD
	Heritage Park – Historical Center	Design, permit, and construct a historical center at the Heritage Park showcasing local artifacts, stories, and history of Wakulla County.	TDB
Wakulla	Medart Landfill	Acquire the inactive landfill in Medart for the design and construction of a recreational facility for the Wakulla High School Cross Country running team to participate and to hold meets and other events. Construct a natural trail and, most likely, remediate the site.	\$950,000
	Wakulla River County Park	Acquire land along the Wakulla River and design, permit, and construct a county park with amenities and river access for the public.	TBD
	Wakulla Welcome Center	Improve and restore amenities at the Wakulla/Panacea Welcome Center, including but not limited to: boardwalk; new roof; elevator upgrade; repair decking and ramp around building; expand walking trail and boardwalk; and construction of a nature trail.	\$285,000
Panacea	Panacea Women's Club	Acquire +/- 30 acres located next to the existing Panacea Women's Club for the purpose of adding outdoor recreation facilities such as baseball fields, playground, and basketball courts.	\$300,000

TBD = To be determined.







PROJECTS: PUBLIC SAFETY



























Cost Estimate: \$2,000,000







COUNTY

Crawfordville Fire & EMS



Location

Trice Lane, Crawfordville, FL

Narrative

PROPOSED PROJECT:

- Add approximately 8,000 square feet of a Fire Station and EMS facility
- Demo the existing EMS facility

EXISTING CHARACTERISTICS:

» Small facility located on Trice Lane.

ADDITIONAL INFORMATION:









Wakulla County Airport

Location

North end at U.S. 98 and South end at Surf Road, Panacea, FL

Narrative

PROPOSED PROJECT:

- » Planning and improvements such as:
 - Paving the runway
 - Lighting
 - Property acquisition
 - Hangar construction
 - Fuel farm
- » Airport Master Plan Update

EXISTING CHARACTERISTICS:

- » Currently has a grass runway
- » Airport manager is a volunteer



ADDITIONAL INFORMATION:

» No additional information.





Cost Estimate: To be determined upon further analyses.





Cost Estimate: \$750,000

Wakulla County





COUNTY

Location

Annex

Oak Street, Crawfordville, FL

Sheriff's Office

Narrative

PROPOSED PROJECT:

» Add approximately 6,000 square feet of office space and evidence processing on property adjacent to the existing Wakulla Sheriff's Office.

EXISTING CHARACTERISTICS:

» Temporarily located at the site of the planned Wakulla Community Center (formerly a church — property was purchased by the County in 2010).

ADDITIONAL INFORMATION:

» No additional information.





PROJECTS: PUBLIC SAFETY

	Project Name	Project Description	Estimated Project Cost
Wakulla	Animal Control Facility Expansion and Renovation	Design and construct an extension to the existing Animal Control Facility to include an adoption center and additional kennel storage.	\$380,000





PROJECTS: SIDEWALKS



























Cost Estimate: \$128,000



COURTHOUS

HERITAGE

COUNTY





Location

High Drive, Crawfordville, FL (near Courthouse)

Narrative

PROPOSED PROJECT:

- » Construct .8 mile of 5-foot-wide concrete sidewalk along High Drive.
- » Increase pedestrian access and connectivity.
- » Provide direct access to recreational facilities, businesses, and commercial areas.
- » Provide safe routes throughout residential neighborhoods.

EXISTING CHARACTERISTICS:

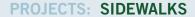
» No existing characteristics.

ADDITIONAL INFORMATION:









Crawfordville Ochlockonee



Location

Street

Ochlockonee Street, Crawfordville, FL

Narrative

PROPOSED PROJECT:

- » Construct .6 mile of 5-foot-wide concrete sidewalk on Ochlockonee Street, from Arran Road to Cedar Avenue.
- » Ochlockonee Street sidewalk would improve connectivity with the parks and support:
 - Proposed parade route.
 - Proposed cottage commercial industry zoning.
- » Increase pedestrian access and connectivity.
- » Provide direct access to recreational facilities, businesses, and commercial areas.
- » Provide safe routes throughout residential neighborhoods.



» The right-of-way on Ochlockonee Street is 50 feet.

ADDITIONAL INFORMATION:

» No additional information.













PROJECTS: SIDEWALKS

Crawfordville Senior Center to Community and Commercial Facilities



Cost Estimate: \$367,000





Location

Wakulla Senior Citizens Center, 33 Michael Drive, Crawfordville, FL

Walmart, 35 Mike Stewart, Crawfordville, FL

Narrative

PROPOSED PROJECT:

- » Construct 2.3 miles of 5-foot-wide concrete sidewalk connecting the Wakulla Senior Citizens Center to the local Walmart.
- » Increase pedestrian access and connectivity.
- » Provide direct access to recreational facilities, businesses, and commercial areas.
- » Provide safe routes throughout residential neighborhoods.

EXISTING CHARACTERISTICS:

» No existing characteristics.

ADDITIONAL INFORMATION:

» No additional information.





C O U N T Y



Cost Estimate: \$400,000





Crawfordville Shadeville Road

Crawfordville, FL

Narrative

Location

PROPOSED PROJECT:

- » Construct an estimated 2.5 miles of 5-foot-wide concrete sidewalk.
- » Add sidewalks to Shadeville Highway to:
 - Connect residential developments, including Bridlewood Apartments, to commercial development on Feli Way and U.S. 319.
 - Provide important connections to the new Wakulla County Community Center (located at the former River of Life Church property).
- » Increase pedestrian access and connectivity.
- » Provide direct access to recreational facilities, businesses, and commercial areas.
- » Provide safe routes throughout residential neighborhoods.



EXISTING CHARACTERISTICS:

» With a dedicated right-of-way of 66 feet, there is adequate right-of-way for sidewalks and bicycle lanes.

ADDITIONAL INFORMATION:





Sidewalks U.S.



Cost Estimate: \$750,000

Location

U.S. 319, Crawfordville, FL

Crawfordville

Highway 319

Narrative

PROPOSED PROJECT:

- » Construct Crawfordville area sidewalks along the main arterial, U.S. 319, as well as routes/connections to various community buildings, such as the Community Center and Senior Citizen Center.
- » Install high-intensity crosswalks at significant intersections:
- Connection across U.S. 319 between Hudson Park and Hickory Park.
- Connection across U.S. 319 at Wakulla-Arran Road.
- Intersection of U.S. 319 and Martin Luther King Jr. Memorial Drive/Arran Road.
- Future connections that become significant when redevelopment occurs within Wakulla County.
- Locations where there is heavy commercial activity.
- » Increase pedestrian access and connectivity. Provide direct access to recreational facilities, businesses, and commercial areas. Provide safe routes throughout residential neighborhoods.

» Pedestrian facilities will include sidewalks, enhanced crosswalks, mid-block crossings, and enhanced curb ramps at intersections and driveways.

EXISTING CHARACTERISTICS:

» No existing characteristics.

ADDITIONAL INFORMATION:

» Enhancements could include pedestrian-actuated signals, use of materials with visual and textual differences, motion-detecting caution lights that only flash when bicyclists or pedestrians are present, and improved curb ramps that meet current design standards. These Crawfordville Town Plan recommendations are the product of numerous stakeholder interviews and public meetings.





COUNTY



PROJECTS: SIDEWALKS

Improvements



EXISTING CHARACTERISTICS:

» No existing characteristics.

ADDITIONAL INFORMATION:

» Use a combination of sidewalks, crosswalks, and signage options. Recommendations were adapted from the

to provide residents and visitors with added mobility Pedestrian project.

Panacea Walkable Waterfronts Florida Community Group

PROJECT LOCATION

» Provide safe routes throughout residential neighborhoods.

» Provide direct access to recreational facilities, businesses,

» Add golf cart crossing.

and commercial areas.

Panacea

Location

Panacea, FL

Narrative

PROPOSED PROJECT:

Walker Street

Mound Street

Piney Street

Jer-Be-Lou Boulevard

Panacea Welcome Center

» Construct sidewalks in the following areas:

» Increase pedestrian access and connectivity.

• Otter Lake Road — U.S. 98 to Otter Lake (1.6 miles)

Pedestrian













Cost Estimate: \$200,000





Wakulla High School/ Medart Sidewalks



Location

U.S. 98 at Wakulla High School (3237 Coastal Highway, Crawfordville, FL)

Narrative

PROPOSED PROJECT:

- » Construct multi-use trail along U.S. 98 corridor where Wakulla High School is located.
- » Construct sidewalk along Jack Crum Road (school route).
- » Increase pedestrian access and connectivity.
- » Provide direct access to recreational facilities, businesses, and commercial areas.
- » Provide safe routes throughout residential neighborhoods.

EXISTING CHARACTERISTICS:

» No existing characteristics.



» Wakulla High School does not qualify for Safe Routes to School funding. When funding becomes available, additional areas have been identified for sidewalk construction.









PROJECTS: SEWER & STORMWATER

























Cost Estimate: "

To be determined upon further analyses.







Crawfordville Central Stormwater



Location

Crawfordville, FL

Narrative

PROPOSED PROJECT:

» Construct regional stormwater facilities.

EXISTING CHARACTERISTICS:

- » Stormwater is currently addressed on a development-bydevelopment basis, with each property responsible for managing stormwater on-site. This approach results in multiple stormwater ponds scattered throughout the Crawfordville area.
- Each property's development potential is limited due to the stormwater pond that occupies a portion of that property.
 (Ponds are typically surrounded by a chain-link fence, detracting from the visual aesthetics of the area.)
- » Limited sewer.



» Limited sewer facilities extend through the Crawfordville area. Consideration of extending sewer facilities will be necessary for future development in the Crawfordville area.





Cost Estimate: \$2,100,000





Greiner's Addition Sewer and Stormwater



Location

South of Martin Luther King Jr. Memorial Road between U.S. 319 and Rehwinkel Road, Crawfordville, FL

Narrative

PROPOSED PROJECT:

- » Construct stormwater conveyance and detention areas in Greiner's Addition subdivision.
- » Flood Plain reduction project that will inherently provide increased treatment
- » Design of improvements
- » Lot acquisition
- » Construction of cross drains, driveway culverts, and other conveyances that will control and convey stormwater to newly constructed detention areas.

EXISTING CHARACTERISTICS:

» Serves private residences in one of the densest areas of Wakulla County with little infrastructure.



» No additional information.





PROJECTS: SEWER & STORMWATER

Cost Estimate: \$8,300,000





Magnolia Gardens Sewer and Stormwater



Location

South of Martin Luther King Jr. Memorial Road between U.S. 319 and Rehwinkel Road, Crawfordville, FL

Narrative

PROPOSED PROJECT:

- » Extend sanitary sewer service to Magnolia Gardens subdivision.
- » Plant upgrades
- » Regional Lift Station and Forcemain
- » Gravity Collection System with the subdivision
- » Duplex services to lot corners
- » Lot acquisition
- » Smaller lift stations within the subdivision
- » Construct stormwater conveyance and detention areas in Magnolia Gardens subdivision.
- » Flood Plain reduction project that will inherently provide increased treatment.



- » Design of improvements
- » Construction of cross drains, driveway culverts, and other conveyances that will control and convey stormwater to newly constructed detention areas.

EXISTING CHARACTERISTICS:

» Serves private residences in one of the densest areas of Wakulla County.

ADDITIONAL INFORMATION:





Sewer and Stormwater



Cost Estimate: To Be Determined



Location

Panacea

Panacea, FL

Narrative

PROPOSED PROJECT:

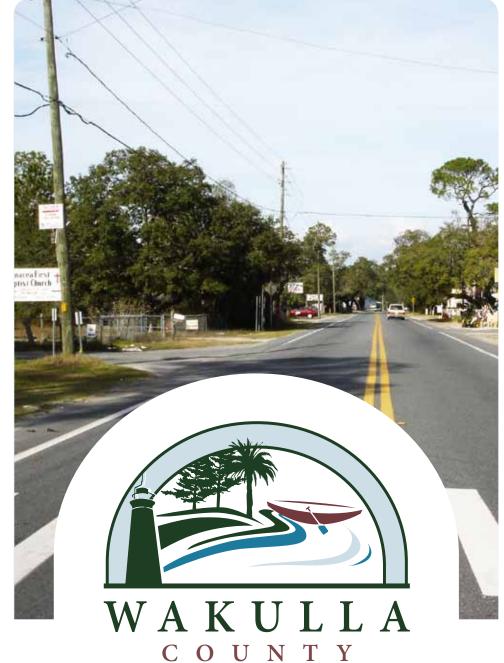
- » Construct stormwater conveyance and detention areas in the Panacea Area, specifically East of U.S. 98.
- » Conveyance and treatment project that is located within the flood/surge prone areas of Panacea.
- » Design of improvements
- » Lot acquisition
- » Construction of cross drains, driveway culverts, and other conveyances that will control and convey stormwater to newly constructed detention areas.
- » Improvements to existing manholes and lift stations.

EXISTING CHARACTERISTICS:

» Serves private residences in one of the densest areas of Wakulla County with little infrastructure.

ADDITIONAL INFORMATION:

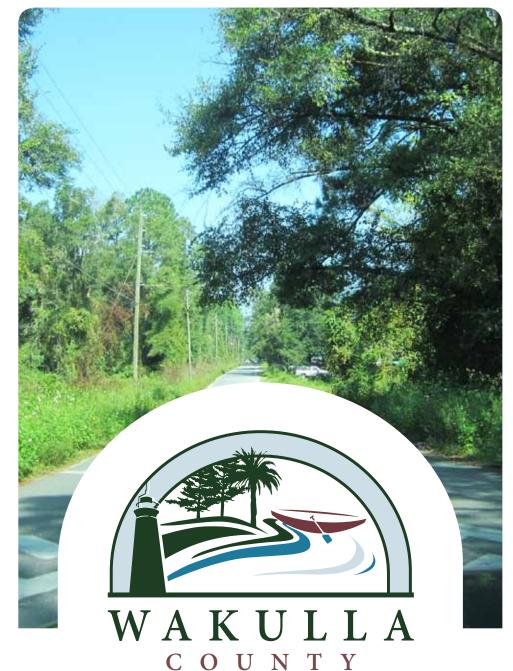






Cost Estimate: \$26,500,000





Wakulla Gardens Sewer and Stormwater



Location

South of Martin Luther King Jr. Memorial Boulevard between U.S. 319 and Alexander Road, FL

Narrative

PROPOSED PROJECT:

- » Extend sanitary sewer service to all five units of Wakulla Gardens subdivision.
- » Plant upgrades
- » Regional Lift Station and Forcemain
- » Gravity Collection System within the subdivision
- » Duplex services to lot corners
- » Lot Acquisition
- » Smaller lift stations within the subdivision
- » Construct stormwater conveyance and detention areas in all five units of Wakulla Gardens.
- » Flood Plain reduction project that will inherently provide increased treatment.



- » Design of improvements in areas yet-to-be designed.
- » Construction of cross drains, driveway culverts, and other conveyances that will control and convey stormwater to newly constructed detention areas.

EXISTING CHARACTERISTICS:

- » One of the oldest and largest subdivisions in the County.
- » Over 3,000 lots.
- » Serves private residences in one of the densest areas of Wakulla County that is in close proximity of Wakulla Springs.

ADDITIONAL INFORMATION:





	Project Name	Project Description	Estimated Project Cost
Wakulla	Wastewater Treatment Plant Expansion	Modifications to the existing Wastewater Treatment Facility (WWTF) that will allow for increased capacity and increased treatment levels. The existing facility is designed and permitted to treat 600,000 GPD. The proposed facility will treat 1,200,000 GPD and provide high-level disinfection so that 300,000 GPD of effluent can be utilized as irrigation in public facilities.	\$4,200,00
Sopchoppy	Stormwater		TBD
Spring Creek	Sewer Hookup	Facilitate all of Spring Creek being on sewer by obtaining funding to pay the tap fee for those homes that are on aging septic systems of questionable efficacy.	TBD

TBD = To be determined.

ADDITIONAL PROJECTS

Р	roject Name	Project Description	Estimated Project Cost
	Fire Escape Road Boat Ramp Parking Lot	Overlay and restripe the existing asphalt parking lot at this site.	\$356,000
	Howard Street	Overlay existing asphalt roadway (Howard Street) from Gulfspray Drive to Port Leon Drive.	\$92,000
	Mock Street	Overlay existing asphalt roadway and add parking.	\$179,000
	Port Leon Drive Electric Utilities	Underground electric installation.	\$323,000
St. Marks	Refinery Boat Dock and Roadways Overlay existing asphalt roadways and repair and refurbish concrete boat dock.		\$957,000
	Refinery Boat Dock	Overlay existing asphalt roadway near boat ramp and add parking.	\$642,000
	Port Leon Drive and Shell Island Road Sidewalk	Install new sidewalks and landscaping.	\$765,000
	Boardwalk	To connect to the end terminus of the St. Marks Bike Trail and extend to the St. Marks River and connect to recently constructed boardwalk at the park and boat ramp.	TBD
Shell Point	Walker Creek Road	Rehabilitate to ensure future storms do not further damage the road or undo work recently completed from Tropical Storm Debby damages.	TBD
	Canal Street	Grade and provide some type of firm topping/road base. This would also create a connector road between Shell Point and Oyster Bay to truly create a golf cart community flavor.	TBD
Spring Creek	Sewer Hookup	Facilitate all of Spring Creek being on sewer by obtaining funding to pay the tap fee for those homes that are on aging septic systems of questionable efficacy.	TBD
Sopchoppy	Curtis Mill Road — Jug Branch	The culvert at Jug Branch becomes a dam during high water runoff from upstream causing severe flooding in the area, including the road. Enlarging the culvert area will prevent the dam affect and flooding. If the Curtis Mill Road continues to flood at this area, it could potentially wash out the road, cutting off emergency transportation routes for residents along Curtis Mill Road and others that depend on this Road.	TBD
Tallahassee Community College	Environmental Institute	Design and build a one-of-a-kind Environmental Institute to provide education and training focused on environmental education and careers, especially the Gulf Coast and surround coastline. This would provide an economic and workforce opportunity for Wakulla County due to the potential national appeal.	TBD
Wakulla Rivers and Coastline	Channel Markers and Other Navigational Signage	Provide or repair important channel markers and navigational signage for boater safety, no wake zones, speed limits, manatees, and boating safety.	TBD

TBD = To be determined.

