

Bay County RESTORE Act Direct Component Proposals 2014-2015

Proj #	Bay PRP 2014-041
Project Name	Carl Gray Park Boat Ramp
Project Proposer, affiliation, web site	Chris Forehand Panhandle Engineering, Inc. www.panhandleengineering.com
Project Description	The project consists of making improvements to the existing boat ramp. The planned improvements are to replace the boat ramp with the correct slope boat ramp. Install docks for boat staging and dredge the area at the ramp to remove sedimentation from the stormwater discharge pipe. The project will include a mitigation effort to install a stormwater basin to filter runoff and prevent future damage to St. Andrews Bay.
Proj. Size (acres)	
Economic	The economic benefit of the planned improvements are that the work will create several new jobs. This project will also attract more boating type tourists which will provide an economic benefit to Bay County and the City of Panama City.
Environmental	The environmental benefit of this project will prevent erosion into St. Andrews Bay and provide a more defined boat launch area to prevent damage to sea grass beds and other natural resources.
Social	The social benefit of this project will allow more handicap access, provide for more public use of the park, provide improved boater access and allow more of the public to utilize and enjoy the waterfront of St. Andrew Bay.
Other	
Project Location	The project is located at the East end of the Hathaway Bridge on the South side of US Hwy 98 in the City limits of Panama City, Florida.
Est total project cost	\$600,000
Amount requested	\$500,000
Describe what funds will be used for	The requested funds will be used to replace the existing boat ramp with staging docks, dredge the ramp loading area, and to construct a stormwater pond to prevent future erosion into St. Andrews Bay.
Long term funding needed? Source? Availability?	All work will need to be completed simultaneously.
Est yrs completion	0-2
Matching \$ available?	Yes
Match source? Secured?	The City is willing to contribute \$100,000 in next years budget for this park and if funds are received from this program, they will amend their budget to match \$100,000.
Amount match secured	\$100,000
% proj cost from match	17
Partners anticipated?	
Partner names	
Funds request other source?	
If yes, name source, decision date	

Bay County RESTORE Act Direct Component Proposals 2014-2015

Proj fully funded by other source?	
FULL PROPOSAL FORM	
Project number (proposal)	Bay PRP 2014-041
Submittal date proposal	2/5/2015
Project name (proposal)	Carl Gray Park Boat Ramp
Applicant name	City of Panama City
Project description (proposal)	The project consists of making improvements to the existing boat ramp. The planned improvements are to replace the ramp with the correct slope boat ramp, install fixed staging docks and a floating dock for smaller vessels like waverunners and canoes. The project will require a 50 ft wide dredged channel and an overflow stormwater box to the existing stormwater ditch outfall basin to prevent future sedimentation runoff into St. Andrews Bay. The new overflow box is considered a mitigation project.
Project location description	See attached Bay County GIS map for the project location.
1. Restore nat res	The existing pipe outfall discharges stormwater sedimentation into the Bay. Approximately 2 Ft. of sedimentation exists on top of the existing deteriorated boat ramp. By installing an overflow box upstream of the discharge pipe, dredging the foreign sedimentation and dredging the new channel will reduce the environmental impacts. The new channel will reduce the seagrass impacts from propeller scaring. The channel will have channel markers and seagrass bed warning signs. We met with both the USACOE and FDEP and both are excited about the projects goals and objectives.
2. Mitigate	The proposed project will remove drainage sedimentation from the Bay bottom which will allow for seagrasses to recover and grow. The proposed channel will keep most boaters from damaging existing seagrass beds with motor propellers. Proposed seagrass bed signs will warn boaters of their existence.
3. Implement plan	N / A
4. Workforce/Jobs	The proposed project will directly create jobs in the construction industry and indirectly sustain the local businesses that provide food & boating needs to the public recreational users of the boat ramp & park.
5. Improve state park	N / A
6. Infrastructure	The proposed project benefits the economy since Bay County is a tourist boating destination. The new facility will attract more boaters to our Community & provide safe access to the Bay. The ecological resources will benefit by enhancement of the seagrass that has been adversely impacted by sedimentation & scaring by boat propellers.
7. Flood protect	N / A
8. Planning	N / A
9. Promote tourism	The proposed project promotes tourism as it relates to fishing and boating.
10. Promote seafood	The proposed project promotes boating / fishing which promotes consumption of seafood harvested from St. Andrews Bay and the Gulf of Mexico.

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1.1 Diversify	N / A
1.2 Infrastruc	N / A
1.3 Airport	N / A
1.4 Job train	N / A
1.5 Workforce dev	N / A
1.6 Facil tourism/econ dev	The proposed project is considered a tourism amenity which is free to the public to use. It promotes tourism to boaters and fisherman.
1.7 Rec, transport, wage	The proposed project promotes safe water access for boating and fishing.
1.8 Protect nat res	The proposed project will enhance and protect seagrasses in the future which attracts tourists who fish and swim in St. Andrews Bay.
1.9 Promote fishing	N / A
1.10 Commun resil	N / A
2.1 Protect SAB	The proposed project will improve the water quality by installing a stormwater management overflow structure which will prevent future sedimentation runoff from flowing into St. Andrews Bay.
2.2 Improv wtr qual	N / A
2.3 Protect seagrass	The proposed project will have seagrass bed signage to educate and warn the public about seagrass beds near the boat ramp. No signage or designated channel exists now which has allowed substantial seagrass impacts.
2.4 Wildl hab	N / A
2.5 Acq lands	N / A
2.6 Preserve dunes, shore	The proposed project will help restore seagrass beds, improve estuarine habitat, water quality and will reduce shoreline erosion with little to no sedimentation runoff.
2.7 Protected spp	N / A
2.8 Water data	N / A
3.1 Deer Pt Lk wtr qual	N / A
3.2 Stabil roads	N / A
3.3 Sewer AWT	N / A
3.4 Septic to central	N / A
3.5 Stormwtr	The proposed project will upgrade the existing stormwater system by eliminating direct discharge of sedimentation to St. Andrews Bay. The recovery and enhancement of the seagrass will contribute to better water quality.
3.6 LID	N / A
3.7 Coast resil	N / A
3.8 Support port	N / A
Budget justification	The overall budget was prepared by Panhandle Engineering, Inc. who has extensive experience with Boat Ramps, Marinas, and Coastal Engineering. The sources of funds already committed include the City of Panama City funding the remaining portion of the project that RESTORE Act does not fund based on the amount applied for.
Ongoing costs	There are no anticipated ongoing costs which are currently not accounted for in the City's current Public Works Department for general facility maintenance.

Bay County RESTORE Act Direct Component Proposals 2014-2015

Objective and measures	The objectives of the project are to provide safe boat ramp access to the public, rehabilitative and enhance damaged seagrass beds and contribute to economic sustainability of local businesses. The City will monitor the use of the boat ramp and if the usage increases, the measure of success will be determined. If the increase is substantial, it can be determined that the economy has been improved. The City will monitor the recovery of the seagrass bed by annual aerial photographs.
Nat Res Proj	Yes
Best Avail Science	#NAME?
Env issues	There are no anticipated environmental impacts which will affect the proposed project. There are no known protected species in the project area.
Econ Dev proj?	
Econ Dev description	
Job Creation?	Yes
Describe how jobs created	We estimate that the proposed project construction activity will create 4 new jobs and support the sustainability of existing jobs.
No. jobs created	4
No. jobs created Yr 1	4
No. jobs created Yr 2	0
No. jobs created Yr 3	0
Avg wage	\$15
Total proj cost	\$802,010
Complement. proj descr.	N / A
Proj readiness descr	The City plans to authorize Panhandle Engineering to begin the design and permitting by March 2015. All design and permitting will be completed by November 2015. Construction would begin shortly thereafter and the anticipated completion date would be March 2016.
Permits required?	Yes
Permits status	FDEP Individual ERP Permit USACOE Individual Permit We have met with both agencies and they do not anticipate any issues with permitting.
Land acq?	
Acquire fee simple?	
Acquire easement?	
Fee and easement descri	N / A
Terms of easement	N / A
Entity to hold title	
Easement acres	
Fee simple acres	
Appraisal avail?	
Appraised value	
Title opinon avail?	

Bay County RESTORE Act Direct Component Proposals 2014-2015

Material risks	We do not anticipate any material risks for the proposed project based on our consultant's professional preliminary analysis, engineering, and consultation with permitting agencies.
Likelihood of success	The likelihood of the proposed project accomplishing its main purpose is very high because there are other projects of similar size and scope which have been successful in Bay County and surrounding Counties.
Contract out work?	Yes
Contracting strategy	The City plans to publicly bid out all construction and its consulting engineer, Panhandle Engineering will monitor all construction activities to ensure regulatory permit and design compliance.
Applic manage proj?	Yes
L 1. Proposed mgr	City of Panama City
L 2. Mgr agreed?	Yes
L 3. Mgr experience	The City of Panama City has received numerous State and Federal Grants over the last 20 years and have administered the consultants and contractors to comply with all State and Federal requirements.
L 4. Post proj maint	The City of Panama City has a Public Works Department which has staff and equipment to maintain the new boat ramp facility. The channel will more than likely need to be re-dredged in approximately 10 to 15 years by either hiring a contractor or borrowing the County's dredge.
L 5. Mgmt approach	The City will utilize existing staff and will depend heavily on the expertise of its consulting engineer, Panhandle Engineering. Once the permits are obtained, construction will begin immediately. The City will provide updates to the RESTORE Committee or Bay County as required.
Outreach descr	The City plans to market the boat ramp as an improved facility on their web site and other printed materials distributed to residents and tourists.