



PASCO COUNTY, FLORIDA

"Bringing Opportunities Home"

- ☐ 37918 Meridian Avenue - Dade City, FL 33525
(352) 521-4111 - FAX (352) 521-4105
- ☐ 8731 Citizens Drive - New Port Richey, FL 34654
(727) 847-8100 - FAX (727) 847-8969

District 1 – Ted Schrader
District 2 – Pat Mulieri, Ed.D.
District 3 – Kathryn Starkey
District 4 – Henry Wilson
District 5 – Jack Mariano

Pasco County RESTORE Act Project Priority List for Federal Consideration

Sunwest Park Project

This project includes A. Reclamation of an old mine (predating FDEP reclamation rules) of an old mine site to a beach park B. Dredging a channel for boating access C. Installing a Culvert at the Strauber- Memorial Road D. Werner Boyce Berm, E. Freshwater scrape down F. Marsh creation and E. Anclote Hole restoration with fill material from the channel dredge. The restoration value of these projects includes; sea grass habitat creation, better water flushing, exotic removals and replenishing of natural habitats.

PIERR

Combines projects to create a network that supports collaboration with a focus on environmental research and restoration. This project will consist of three separate phases. Phase 1 is the construction of various support buildings, introduction of the PEIR facility and renovation of the current EMC. A conference/ welcome center for Werner Boyce would also be built. Phase 2 consists of an academic phase focusing on an environmental career academy, USF, St. Leo and PHCC degree programs. It would also partner with existing Coastal Environmental Research Institutes. Phase 3 Consists of a local and regional economic phase that develops business partnerships and enhances ecotourism. The facility will continue to provide education for Pasco's K-12 students.

Regional Reclaimed Water System Interconnection and Ecosystem Restoration Project

A regional enhancement and rehabilitation project that improves the water quality and reclaimed water system. Components of the overall improvements include: The Central Pasco Natural Systems Restoration and Aquifer Recharge Project and The Crews Lake Natural Systems Restoration Project

This project will significantly reduce the nutrient pollutant load into the Tampa Bay Estuary, will recover and enhance impacted fresh water ecosystems in Pasco County, will provide for a more sustainable water supply for the Tampa Bay region, and would interconnect several of the region's largest reclaimed water systems-thereby allowing for a comprehensive suite of management options of the reclaimed water and maximize the beneficial use of the resource. Approximately 4,000 acres of habitat will be restored and conserved. An estimated 310 tons of nitrogen will be removed from the Tampa Bay annually. Sea grass expansion will be experienced in Tampa Bay.

Inshore Artificial Reef Development

Establishment of a brand new artificial reef in the Inshore range.

This project will assist with marine fisheries development and management, create new habitat and help improve water quality. Over time this reef close to the coastline will become more and more productive as sea life begins to call it home and will provide for snorkeling, diving and fishing that will attract citizens and tourists alike.

Acquisition – Cross Bar and Al Bar Ranches

Cross Bar and Al Bar Ranch consist of approximately 12,500 acres located in North Central Pasco County. The property has been identified as a core element in the County's Regional Conservation Strategy. Two of the seven wildlife corridors within the County connect the ranch to Starkey Wilderness and Connerton Preserve. It contains a well field that supplies drinking water to 2.5 million people in the Tampa Bay Region. State and federally listed species reside on the thousands of acres of wildlife habitat available.

Acquisition/Restoration – Coastal Ecological Planning Unit

The Coastal EPU contains parcels identified for acquisition through the ELAMP. The project totals approx. 1,600 acres. Staff will attempt to negotiate acquisition of identified areas through fee simple or less than fee agreements. Restoration may be required depending on site conditions. The purpose is to protect natural communities including uplands and wetlands, water resources, habitat for listed species and other unique natural resources

Thousand Oaks/Trinity Oaks BMP Implementation (aka Duck Slough)

Implement multiple, specific basin wide, projects intended to; alleviate/decrease flooding and while improving water quality while improving water quality ultimately regulate and/or reduce run off volume's into the Gulf of Mexico.

- Due to been an area specific, this initiative is expected to make a moderate contribution to restoring and protecting the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast region
- These small-scale projects and programs are projected to substantially reduce flooding caused by development impact, reduced sediments flow into the Gulf while greatly improving water quality in the immediate Pasco county watersheds and coastal areas.
- This project restore long-term resiliency of the natural resources, ecosystems, thru mitigation, conservation and risk reduction.

Seven Springs GCC – Reclaimed Water Storage Pond and Pump Station

To provide storage and pumping capacity for the delivery of an alternative source of irrigation water for Seven Springs Golf and Country Club and to reduce the amount of potable quality water being used for irrigation from groundwater or other sources. Currently reclaimed water that is distributed to the Golf Course's storm water system has the potential of discharging into the Anclote River which is against the Florida Department of Environmental Protection requirements. This project will ensure that there are no discharges to the Anclote River.

Pasco County Sewer System Expansion to eliminate septic

This project will install a public wastewater system including sewer collection, pump station and force mains which will eliminate the usage of septic systems. There are several residences along the west coast of Pasco County from the Hernando County line to the Pinellas County line that are currently on septic systems. Converting these systems over to the County sewer system will eliminate the usage of septic systems and the potential contamination of coastal waters.

PACE Analysis- Stormwater

This project consists of assessing the feasibility of diverting excess flows from the Pithlachascotee and Anclote Rivers onto the Starkey Well field, Serenova, Anclote River Ranch and Crockett Lake Ranch properties in order to better manage the water resources, i.e., flood protection, water quality and supply, and natural systems. These properties are located within the boundaries of both watersheds, south of S.R. 54 and east of New Port Richey. Through the FY2007 funding, an assessment was accomplished by performing the Watershed Management Plan element of the District's Watershed Management Program (WMP), BMP alternative analysis. Issues in these watersheds included; flood damage, rapid growth, and water quality degradation. The quantity of water as well as the timing, and distribution, of diversions will be addressed in the BMP alternative analysis phase of the project. Conceptual design(s) will be prepared, the ability to permit implementation of these BMPs will be assessed, and probable construction costs shall be developed. Subsequent funding Project will provide flood control and water quality improvements.

Property Acquisition-Stormwater

PC SMD has identified several properties, throughout the jurisdiction, which will greatly alleviate/reduce flooding. By including these properties to our current inventory, SMD can; create new ponds, storm drainage networks, add flood control structures while improving water quality via regulating reduce run off volume's and sediments into the Gulf of Mexico.

- This project is projected to make the greatest contribution by restoring and protecting our natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast region.
- This large-scale projects and programs are projected to substantially reducing flooding, reduced overall sediment flow into the Gulf while improving water quality and safeguarding our natural resources.
- This project restore long-term resiliency of the natural resources, ecosystems, establishing methods and practices to protect our natural resources.

Hammock Creek-Stormwater

Implement multiple, specific basin wide, projects such as; purchase properties for new ponds, install new and/or repair existing culverts. These intended to; decrease basin flooding while improving water quality via regulating and/or reducing run off volume's into the Gulf of Mexico.

- Due to been an area specific, this initiative is expected to make a moderate contribution to restoring and protecting our local natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast region.
- This small-scale project is projected to substantially reduce localized flooding caused by development impact, while provided an avenue to for the citizens to enjoy natures wonders. Therefore, reducing any impacts to the Gulf while greatly improving water quality in the immediate Pasco County watersheds and coastal areas.
- This project restore long-term resiliency of the natural resources, ecosystems, thru mitigation, conservation and risk reduction

Forest Hills - Stormwater

Implement multiple, specific basin wide, projects such as; purchase properties for new ponds, install new and/or repair culverts. These intended to; decrease basin flooding while improving water quality via regulating and/or reducing run off volume's into the Anclote River and Gulf of Mexico.

- Due to been an area specific, this initiative is expected to make a moderate contribution to restoring and protecting our local natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast region.
- This small-scale project is projected to substantially reduce localized flooding caused by development impact, while provided an avenue to for the citizens to enjoy nature's wonders. Therefore, reducing any impacts to the Gulf while greatly improving water quality in the immediate Pasco County watersheds and coastal areas.
- This project restore long-term resiliency of the natural resources, ecosystems, thru mitigation, conservation and risk reduction.

Hudson Channel-Stormwater

To widen and deepen the Hudson channel. This will involve; dredging, mitigation, and permitting.

In 2008, the County dredged the channel to allow boat access. The channel was deepened to 2' -3' deep. To allow for larger boats, the channel needs to be widened and deeper, at least 4-5'. This project will promote fishing, access to natural resources and allow the citizen's access to the Gulf.

Major Stream Restoration-Stormwater

County wide major maintenance of all major rivers and streams. Includes, but not limited to: clearing trees and debris within 50' of either side of water body centerline, dredging, erosion control projects, rebuilding bridge abutments and banks.

During the last few tropical storms and/or heavy rain events, our major drainage systems were clogged, almost instantly, due to runoff and debris collected caused by fallen large trees within. In addition, erosion effects, from these events, are evident at or near bridge abutments. These projects' intent is to help protect the County's Natural resources as well as aid in reducing flooding.

Development of Blueway Trail Program

Research and map blueways trails.

This project is needed to improve the quality of life for the citizens and tourists who visit the coastline of Pasco County seeking active recreation and often times education at the same time. This project will help stimulate the economy to include local businesses, restaurants and by attracting tourists to paddle along the coastline. Along with providing a recreational outlet it will provide an experience which will educate and create an appreciation for the importance of the environment and the coastal communities and its plants and wildlife.

Cypress Creek-Stormwater

Implement multiple, specific basin wide, projects intended to; decrease flooding and while improving water quality while improving water quality ultimately regulate and/or reduce run off volume's into the Gulf of Mexico.

- Due to been an area specific, this initiative is expected to make a moderate contribution to restoring and protecting the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast region
- These small-scale projects and programs are projected to substantially reduce flooding caused by development impact, reduced sediments flow into the Gulf while greatly improving water quality in the immediate Pasco county watersheds and coastal areas.
- This project restore long-term resiliency of the natural resources, ecosystems, through conservation and risk reduction.

Port Richey Watershed-Stormwater

Implement multiple, specific basin wide, projects such as; purchase properties for increase storage capacity, transfer ownership of pump station, upgrade the pump station and improved conveyance capacity via a new bypass system. These intended to; decrease basin flooding by conveying runoff volume away from critical areas while improving water quality via regulating and/or reducing run off volume's into the Gulf of Mexico.

- Due to been an area specific, this initiative is expected to make a moderate contribution to restoring and protecting our local natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast region.
- This small-scale project is projected to substantially reduce localized flooding caused by development impact, while provided an avenue to for the citizens to enjoy natures wonders. Therefore, reducing any impacts to the Gulf while greatly improving water quality in the immediate Pasco County watersheds and coastal areas.
- This project restore long-term resiliency of the natural resources, ecosystems, thru mitigation, conservation and risk reduction.

Sea Pines Sewer System

This project is to install a non-conventional sewer system such as a vacuum sewer system to serve current Sea Pines customers as well as future residents that are currently on septic. Deep gravity sewer is not feasible in this part of the County due to the shallow layers of limerock. This project will eliminate the potential for sanitary sewer spills.

Geiger Park-Stormwater

Create passive a park project intended to; show case the County's largest wetland restoration project which will promote awareness to our citizens, create an educational and economic focus point while maintaining water quality levels.

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- This small-scale project is projected to substantially reduce localized flooding caused by development impact, while provided an avenue to for the citizens to enjoy natures wonders. Therefore, reducing any impacts to the Gulf while greatly improving water quality in the immediate Pasco County watersheds and costal areas.

- This project restore long-term resiliency of the natural resources, ecosystems, thru mitigation, conservation and risk reduction

Bailey's Bluff/Key Vista NP Restoration Project

This project will provide maintenance dredging or mechanical removal of rocks, silt and shoreline bank material erosion from a small inlet feeding a bayou along the NW edge of the park. Another part of this project will provide rock and a boardwalk like dock to prevent erosion and allow access to the water without damaging the resource.

The dredging part of this project will improve access to small motorized craft and paddling craft. The stabilization part of the project will prevent continued erosion and the dock/boardwalk will allow for access to launch paddling craft and for fishing without harming the resource/shoreline.

Derelict Boat Removal

Removal of approximately ten derelict vessels from County waterways. These vessels bring down aesthetic and property values and break apart causing navigational hazards and can damage the environment and hurt wildlife. These vessels should be removed.

Trail connecting Pinellas, Pasco & Hernando

Conduct feasibility study, acquire Right-of-Way, design and construct a trail to connect adjoining Counties.

This trail would connect regionally along the Gulf coast to neighboring Counties of Pinellas and Hernando. In Pasco this trail would travel as close to the coast as possible and connect to all public parks and access points, coastal cities and coastal businesses like restaurants and boating facilities. This level of infrastructure would help to drive redevelopment and stimulate the economy, and provide a destination for citizens and tourists alike.

PW and EOC Building-Stormwater

Design and construct a building to act as headquarters for the Public Works Department and the Emergency Operations Center. As of May 2013, the County owns the land necessary to erect such facility.

Currently both departments are located in aging buildings, which are not structurally rated for a major storm event. By housing both departments in a single location will allow for faster response and deployment during an emergency and/or environmental disaster such as; flooding, hurricanes and spills, thusly limiting damage to our natural resources, Also, a larger and modern facility will allows us to house more personnel and equipment for rapid deployments.