

Resource Management Committee  
June 28, 2016

Discussion Item

Approval of the Magnolia Valley Stormwater Facility and Pump Station Project (N835) with Eligible Project Expenditures Beginning May 10, 2016, and the Addition of \$950,000 to the FY2017 Tentative Budget for the Project.

*Purpose*

The purpose of this item is to request approval to add \$950,000 to the FY2017 Recommended Annual Service Budget for a Cooperative Funding Initiative (CFI) project request from Pasco County for the Magnolia Valley Stormwater Facility and Pump Station project.

*Background/History*

This project consists of the purchase of the Magnolia Valley Golf Course and associated stormwater pumping facilities and the reconstruction of the existing pumping facilities. The Magnolia Valley area is within the Port Richey Watershed in Pasco County and is part of a 960-acre sub-watershed that has experienced repeated structure and street flooding. The surrounding residential area flows to the Magnolia Valley Golf Course where a privately owned pumping facility has historically been utilized to maintain water levels and reduce flooding in the Magnolia Valley area. Areas downstream of the golf course and pumping facility are also subject to flooding.

The County plans to purchase the golf course and the pumping facilities in order to reconstruct the failing pumping facilities and provide reliable, consistent, permitted operation of the stormwater system. In a future project, the County may excavate part of the golf course to create additional stormwater storage to reduce flooding in the Magnolia Valley area.

District staff has been working with the County staff to review the information and evaluate the project consistent with the District's CFI procedures. Based on this information, a CFI evaluation has been completed by District staff and is attached. Staff has given this project an overall ranking of High and recommends funding the project in the FY2017 Tentative Budget.

*Benefits/Costs*

This project will help to prevent structure and street flooding with the reconstruction of a failing pumping system and the transfer of ownership, operation and maintenance responsibility to the County. The County started work on the reconstruction on May 10, 2016, in order to have the facility available as soon as possible during this year's rainy season. They are requesting that work completed on or after May 10, 2016, be eligible for reimbursement.

Total project cost for land acquisition and pump station reconstruction is estimated at \$1,900,000. Based on a review of appraisal information, \$900,000 is considered eligible for land acquisition. The cost for reconstruction is estimated at \$1,000,000. Pasco County will purchase the land, and the eligible land cost will be used as matching funds. The District funding share will be \$950,000 (50 percent of the project cost) with all \$950,000 budgeted in FY2017. District funds are for facility reconstruction only.

Staff Recommendation:

See Exhibit

1. Approve the Magnolia Valley CFI project and the associated total project cost of \$1,900,000 with the District's share not to exceed \$950,000.
2. Approve eligible project expenditures beginning May 10, 2016.
3. Approve adding \$950,000 to the FY2017 Tentative Budget for the Magnolia Valley Stormwater Facility and Pump Station project.

Presenter: JP Marchand, P.E., Bureau Chief, Water Resources

Project No. N835	Magnolia Valley Stormwater Facility and Pump Station			
Pasco County	FY2017			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	Public acquisition of the Magnolia Valley Golf Course and associated stormwater pumping facilities, and the rehabilitation of the existing pumping facilities within the Port Richey Watershed in Pasco County. The Magnolia Valley area is part of a 960-acre sub-watershed that has experienced repeated flooding. The existing privately owned and operated pumping facilities failed in 2015 and the County had to set up emergency pumping and complete emergency repairs to avoid additional flooding of the area. The County proposes to use the eligible portion of the land and pumping facilities acquisition costs as part of their cooperative funding match. In a future phase, the county plans on excavating the golf course to provide stormwater storage on the property.			
Benefits:	This project will help to prevent structure and street flooding. The transfer of ownership, operation and maintenance responsibility to the County will provide improved and reliable operation of the stormwater system. Based on the Magnolia Valley Stormwater Best Management Practices Evaluation, the operation of the pumps will prevent 62 parcels from flooding during the 100-year, 24-hour storm event.			
Costs:	Project cost estimates are provided below. Total project cost \$1,900,000 (\$900,000 eligible land match and \$1,000,000 construction) Cooperator share: \$950,000 District share: \$950,000 requested in FY2017			
Evaluation				
Application Quality:	Medium	This project was not part of the initial application period for FY17. The District has worked with the County to obtain all the necessary information.		
Resource Benefit:	High	Structure and street flooding occurs in the project area, the project impacts the intermediate drainage system, and the Resource Benefit of this flood protection project will help prevent flooding during the 100-year, 24-hour storm event. The Measurable Benefit, which will be the contractual requirement, is the acquisition of the golf course and pumping facility and the rehabilitation of the pumping facility to help prevent flooding in approximately 960 acres of an urbanized basin.		
Cost Effectiveness:	Medium	Costs are based on design and property appraisals. Engineer's costs estimates appear to be reasonable based on available information.		
Past Performance:	High	Based on an assessment of the schedule and budget for the 23 ongoing projects.		
Complementary Efforts:	Medium	Cooperator's Community Rating System class is 6 and is in the 6 to 9 range.		
Project Readiness:	High	Project is ready to begin on or before December 1st of the fiscal year the funding is being requested.		
Strategic Goals				
Strategic Goals:	Medium	Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Region Priority: None		
Overall Ranking and Recommendation				
Fund as High Priority.	Fund as High priority. This project will help prevent structure and street flooding. The County is acquiring this property for the sole purpose of flood protection in order to rehabilitate a failed pumping system. The County will assume all future operation and maintenance of the stormwater facilities.			
Funding				
Funding Source	Prior	FY2017	Future	Total
District	\$0	\$950,000	\$0	\$950,000
Pasco County	\$0	\$950,000	\$0	\$950,000
Total	\$0	\$1,900,000	\$0	\$1,900,000