

INDIAN RIVER COUNTY, FLORIDA
MEMORANDUM

CONSENT

TO: Jason E. Brown, County Administrator
THROUGH: Richard B. Szpyrka P.E., Public Works Director
FROM: W. Keith McCully, P.E., Stormwater Engineer
SUBJECT: **Approval of Florida Legislative Grant for Moorhen Marsh Low Energy Aquatic Plant System**
DATE: January 7, 2020

DESCRIPTION AND CONDITIONS

The Florida Legislature awarded Indian River County a \$650,000 Legislative Grant for the proposed Moorhen Marsh Low Energy Aquatic Plant System, currently nearing final design. The facility will remove nitrogen and phosphorus from waters of the Indian River Farms Water Control District's North Relief Canal prior to discharge into the Indian River Lagoon. Based on a one-year pilot plant study, staff estimates that approximately 7,600 pounds of nitrogen and 1,250 pounds of phosphorus may be removed from the canal water annually. FDEP prepared the grant agreement (Agreement #LPA0018) and forwarded it to the County for review and execution. Staff has reviewed the Agreement and has no recommended revisions.

FUNDING

The predesign estimated project cost is approximately \$8,705,000. The Legislative Grant will fund up to \$650,000 of the project cost, which equals approximately 7.5% of the estimated project cost. Currently, the 19/20 approved Capital Improvement Element has \$5,050,000 budgeted in 19/20 and \$3 million budgeted in 20/21 in Optional Sales Tax/Public Works/PC North-Moorhen Marsh—Account #31524338-066510-16018. The Project also has a \$1,500,000 Cost-Share Grant from St. Johns River Water Management District.

RECOMMENDATION

Staff recommends that the Board approve the attached Agreement #LPA0018 and authorize the Chairman to execute it on behalf of the County.

ATTACHMENTS

Legislative Grant FDEP Agreement #LPA0018

DISTRIBUTION

Public Works Stormwater Division

APPROVED AGENDA ITEM FOR JANUARY 21, 2020