

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 SJRWMD Cost-Share Grant for Moorhen Marsh Low Energy Aquatic Plant System**
DATE: May 15, 2019

DESCRIPTION AND CONDITIONS

St Johns River Water Management District (SJRWMD) recently awarded Indian River County a \$1,500,000 Cost-Share Grant for the proposed Moorhen Marsh Low Energy Aquatic Plant System, currently under 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. SJRWMD staff prepared the attached Cost-Share Agreement (Contract #34516) 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 SJRWMD Cost-Share Grant will fund up to \$1,500,000 of the project cost, which equals approximately 17% of the estimated project cost. Currently, the 18/19 approved Capital Improvement Element has \$2.2 million budgeted in 18/19 and \$4 million budgeted in 19/20 in Optional Sales Tax/Public Works/Construction in Progress//PC North – Account #31524338-066510-16018. Staff anticipates the additional \$1,005,000 project funding will be secured through additional state and/or federal grants.

RECOMMENDATION

Staff recommends that the County Commission approve the attached Cost-Share Agreement and authorize the Chairman to execute it on behalf of the County.

ATTACHMENTS

Cost-Share Agreement with SJRWMD (Contract #34516)
IRC Grant Form

DISTRIBUTION

Public Works Stormwater Division

APPROVED AGENDA ITEM FOR MAY 21, 2019