

INDIAN RIVER COUNTY, FLORIDA
MEMORANDUM

CONSENT

TO: Jason E. Brown, County Administrator

FROM: Richard B. Szpyrka, P.E., Public Works Director

SUBJECT: **45th Street Improvements – 43rd Avenue to 58th Avenue**
FDOT Small County Outreach Program (SCOP) Agreement and Authorizing Resolution for FM No. 436848-1-54-01, IRC-1722

DATE: May 10, 2020

DESCRIPTION AND CONDITIONS

In 2014 Indian River County Public Works applied for and received a Small County Outreach Program (SCOP) Grant from the Florida Department of Transportation (FDOT) in the amount of \$1,282,559 for roadway improvements to 45th Street from US-1 to 58th Avenue, as well as for construction engineering inspection (CEI) services. This funding would not be available until the 2020-2021 FDOT funding cycle.

In 2015, without the benefit of FDOT funding, the County moved forward construction of Phase 1 of the 45th Street improvements from the FEC railroad west to 43rd Avenue (IRC - 1506). These improvements included adding 5-foot bike lanes, drainage improvements, sidewalk improvements, a turn lane at 28th Avenue, landscaping. Additionally, the Utilities Department upgraded the water system. The total cost of the construction was \$1,812,084, which included over \$310,000 in water system upgrades.

In 2015, the County also moved forward with enclosing the 45th Street Sub-Lateral “H-3” Canal from 43rd Avenue (IRC- 1427) to just east of the Family Dollar Store entrance. The total cost of this project was \$160,035, with \$30,000 being provided by the Developer of the Family Dollar Store.

Both of the above projects were encompassed in the 2014 SCOP Grant application submittal and subsequent approval by FDOT.

In February 2017, in a letter to FDOT from Stan Boling, Community Development Director, the County requested the reallocation of the funding for 45th Street Improvements - 58th Avenue to US-1, to a reduced scope project of 45th Street Improvements – 43rd Avenue to 58th Avenue. In March of 2017, FDOT committed the same \$1,282,559 to the requested reduced scope, with funding for the project being allocated in FY 2020 and FY 2021.

After receiving the March 2017 letter from FDOT, staff estimated the total cost for the reduced scope project to be \$3,872,554.00. The proposed improvements consist of relocating and reconstructing the existing roadway and enclosing the sub-lateral “H-3” canal along the south side of 45th Street, from 43rd Avenue to west of 58th Avenue, approximately 1.2 miles in a manner consistent with the Gifford Neighborhood Plan. These improvements also include the addition of 5’ wide paved shoulders, pavement markings, and a 6-foot sidewalk on the south side of 45th Street.

Due to numerous design constraints, included compensatory storage for the Indian River Farms Water Control District Lateral “H-3” Canal, the pipe size needed to enclose the canal, and the potential need for the County to obtain right of way, the engineers estimated project cost has increased to \$9,855,051. The FDOT SCOP Grant will provide \$826,934 in funding towards the project. The project design is currently being evaluated by staff to reduce costs by changing the current design to eliminate the need for right-of-way and to significantly reduce the pipe size needed for enclosing the IRFWCD canal along the south side of 45th Street. Conversations with IRFWCD to reduce the pipe size have been successful and staff is now evaluating the roadway alignment within the existing r/w.

It should be noted that without FDOT funding participation, the County moved forward in June of 2018 with enclosing the 45th Street Sub-Lateral “H-3” Canal from the Lateral “H” Canal, just west of 28th Avenue, west the ending location of the above Dollar Store Entrance canal enclosure project. The project (IRC – 1427) also included a 6-foot sidewalk, numerous drainage improvements and landscaping. The total project cost of the project was \$3,283,692. This total was \$917,842 for the County to purchase the pipe material, saving the County approximately \$64,108 in sales taxes, and \$2,365,850 for construction of the improvements.

FUNDING

The project is partially funded in Secondary Road/45th Street Resurfacing (43rd Avenue to 58th Avenue) in the County’s 2019 Capital Improvement Element. As the project has expanded, funding for the County’s cost share in the amount of \$9,028,117.00 will be funded by Account Number 31521441-066510-17028 Optional Sales Tax/FDOT SCOP Grant/45th Street (43rd Avenue to 58th Avenue).

RECOMMENDATION

Staff recommends the Board approve the FDOT SCOP Agreement (FM No. 436848-1-54-01) and Resolution and authorize the Chairman to execute the same.

ATTACHMENTS

1. Indian River County Grant Form
2. Authorizing Resolution
3. FDOT Small County Outreach Program (SCOP) Agreement FM No. 436848-1-54-01
4. 2017 Stan Boling Letter to FDOT
5. 2017 FDOT letter to Stan Boling

APPROVED AGENDA ITEM FOR MAY 19, 2020