



Legislation Text

File #: 2023-561, **Version:** 1

Title:

Approve and authorize the Chairman to execute a Resolution and a State-Funded Grant Agreement (SFGA) with the State of Florida Department of Transportation in an amount not to exceed \$500,000.00 for construction services for the Wekiva Springs Road Intersection Improvements Project. District3 - Constantine (**Jean Jreij P.E., Public Works Director/County Engineer**).

Division:

Public Works - Engineering

Authorized By:

Jean Jreij, P.E.

Contact/Phone Number:

Carlin Gonzalez 407-665-5610

Background:

The Wekiva Springs Road Intersection Improvements Project is with Seminole County (Recipient). This is an intersection improvement and widening project along Wekiva Springs Road. The limits are from approximately 87 feet south of Sabal Palm Drive to approximately 45 feet north of the Sabal Point Elementary School entrance, for a total project length of 0.114 miles.

Proposed roadway improvements include widening on the northbound side of Wekiva Springs Road, just north of Sabal Palm Drive, to construct a 330-foot-long right-turn lane for the Sabal Point Elementary School entrance. The existing northbound travel lane will be milled and resurfaced for the limits of the widening. The new 5-foot-wide concrete sidewalk will be constructed on the east side of Wekiva Springs Road for the entire project limits due to the widening and will include the construction of curb ramps and detectable warning surfaces. The Sabal Point Elementary School access road will be reconstructed along with the valley gutter and new curb and gutter for a length of 205 feet. Drainage improvements include modification of existing drainage structures, construction of three concrete flumes along the proposed turn lane, and a new mitered end section and manholes. A gravity wall with a pedestrian railing will be constructed for 250 feet along the sidewalk. Signalization work includes installing new mast arms at the intersection of Wekiva Springs Road and Sabal Palm Drive as well as new traffic signals, blank-out signs, closed-circuit television (CCTV) cameras, internally illuminated signs, and pedestrian signals and detectors. The existing fiber optic interconnect will be replaced

with new conduit and fiber optic cable on the east side of Wekiva Springs Road from approximately 240 feet north of Fox Valley Drive to approximately 330 feet south of Sabal Palm Drive.

Other construction elements include mobilization, maintenance of traffic, erosion control, clearing and grubbing, regular and subsoil excavation, embankment, sod, and signing and pavement markings.

All pedestrian facilities shall adhere to current American with Disabilities Act (ADA) standards. Utility coordination will be required during construction and utility work schedules have been developed. The County is coordinating permitting requirements with the Saint Johns River Water Management District (SJRWMD). Right-of-way acquisition is underway and is to be completed by the County prior to the beginning of construction.

The project is estimated to be \$1,855,009.00. The State of Florida Department of Transportation will provide grant funding in the amount of up to \$500,000.00. Seminole County Public Works will cover the difference in project cost and FDOT funding with penny sales tax funds in an estimated amount of \$1,355,009.00.

Staff Recommendation:

Staff recommends the Board approve and authorize the Chairman to execute a Resolution and a State-Funded Grant Agreement (SFGA) with the State of Florida Department of Transportation in an amount not to exceed \$500,000.00 for the construction of the Wekiva Springs Road Intersection Improvements Project.