

City of Palm Coast, Florida

Agenda Item

Agenda Date: February 6, 2024

Department	CONSTRUCTION MANAGEMENT & ENGINEERING	Amount	\$450,000
Division	ENGINEERING	Account #	21097011-063000-54620
Subject:	RESOLUTION 2024-XX APPROVAL OF A DEPOSIT WITH FLORIDA POWER AND LIGHT FOR A DESIGN AND COST ESTIMATE FOR THE RELOCATION OF TRANSMISSION FACILITIES FOR THE MATANZAS WOODS PARKWAY EXTENSION WEST PHASE TWO PROJECT		
Presenter:	Carl Cote, Director of Stormwater & Engineering		
Attachments:	1. Resolution 2. Florida Power & Light Estimate		
Background:			
Council Priority:			
B. Safe and Reliable Services			
City Staff has identified the need to relocate transmission facilities as part of the Matanzas Woods Parkway Extension West Phase Two Project. The proposed scope of work includes the temporary relocation of transmission lines that will provide a working area for the bridge construction over railroad tracks and the installation of taller permanent poles due to the elevated road crossing. Florida Power and Light (FPL) requires a deposit to provide a more detailed design and estimate of cost for the above-mentioned scope.			
This item is to approve a deposit in the amount of \$450,000 for the design and cost estimate. Funds for this deposit are budgeted out of the five-year capital project Transportation Impact Fee.			
Source of Funds Worksheet FY 24			
Trans.Impact 21097011-063000-54620		\$8,731,070.00	
Total Expended/Encumbered to Date		\$6,094,861.32	
Pending Work Orders/Contracts		\$0.00	
Current(WO/Contracts)		\$450,000.00	
Balance		\$2,186,208.68	
<u>ORIGINAL BACKGROUND FROM THE JUNE 20, 2023, BUISNESS MEETING</u>			

The Florida East Coast Railway (FEC) runs north/south just west of US 1, bisecting Palm Coast. There are approximately 12,000 acres of land within the City limits and west of the railroad tracks, with limited access. Currently, there are only two, at grade, railroad crossings within the city limits.

The City believes that one or more western roadway extensions are needed to provide additional access to this western portion of the City to promote economic opportunities. Judicious transportation investments lower the costs of moving people and goods increasing economic productivity. Because productivity is a central component of economic growth, it should be a strong consideration when assessing the value of transportation expenditures. Opening these corridors will promote economic opportunities in Palm Coast and Flagler County. Transportation access to the west is part of the Northeast Florida Regional Council's 2022 Legislative Priorities as adopted by City Council.

On March 15, 2022, City Council approved a Work Order with England-Thim & Miller, Inc. to perform a feasibility study to investigate the feasibility of the permitting and construction of westward extensions of Matanzas Woods Parkway, Palm Coast Parkway, Royal Palms Parkway, and Whiteview Parkway. Services included a review of possible roadway alignments, impacts to existing properties/uses, rights-of-way needs, design/permitting requirements, wetland and floodplain impacts, and construction costs.

Due to several factors the City proceeded with the western extension of Matanzas Woods Parkway as its first priority.

- Its close proximity to US 1, connection to I-95, and fewer environmental constraints than other areas, Matanzas Woods is a viable solution for access to the west.
- Current site development was occurring between the railroad and the current termination point of Matanzas Woods Parkway which expedited the need to coordinate with developer and determine a roadway alignment and identify right-of-way needs.
- The City Master Plan for a new Public Works Facility that will connect to and abut the West Matanzas Woods Parkway and will require coordination for access points and traffic circulation as well as potentials for a shared stormwater facility.

On March 15, 2022, City Council approved a Work Order with DRMP, Inc., to begin design of a set of roadway plans for the extension of the West Matanzas Woods Parkway to the west including a flyover the FEC railroad and terminating when roadway gets back down to grade. During this process and coordination with FEC, FPL, FDOT and the state there were requests to provide a long-range plan showing at least the initial roadway configuration and access points as well as a more detailed cost estimate for this entire roadway for use in seeking additional state funding.

Staff advertised a request for qualifications (RFSQ-23-39) for engineering services to complete 100% construction plans and permitting for the western extension of the West Matanzas Woods Parkway Phase 1 project where the flyover the railroad terminates at grade on the western side of the railroad tracks and to provide 30% plans for the continuation heading south to Palm Coast Parkway with a new proposed flyover heading back east over the railroad tracks back to US1 in alignment with the existing US 1 / Palm Coast Parkway intersection. This 30% set will be utilized to meet the coordination requirements of FDOT and FEC as well as to provide a detailed construction estimate.

On June 20, 2023, City Council approved a contract with England-Thim & Miller, Inc., for an amount not-to-exceed of \$5,742,070.00 for engineering services for the extension of the West Matanzas Woods Parkway to Palm Coast Parkway connector Roadway.

Recommended Action:

ADOPT RESOLUTION 2024-XX APPROVAL OF A DEPOSIT WITH FLORIDA POWER AND LIGHT FOR A DESIGN AND COST ESTIMATE FOR THE RELOCATION OF TRANSMISSION FACILITIES FOR THE MATANZAS WOODS PARKWAY EXTENSION WEST PHASE TWO PROJECT