



Legislation Text

File #: RES 2018-020, Version: 1

AGENDA ITEM REPORT

TITLE:

A RESOLUTION AUTHORIZING THE CITY MANAGER, OR DESIGNEE, TO EXECUTE A CHANGE ORDER TO THE COMPREHENSIVE STREET IMPROVEMENTS PHASE I CONTRACT WITH STANFORD CONSTRUCTION CO. IN THE AMOUNT OF \$249,782.50 FOR THE PROCUREMENT AND INSTALLATION OF STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) SPECIFIED SOLAR POWERED LED BIKE LANE DELINEATORS.

BACKGROUND:

The City is currently engaged in a construction agreement with Stanford Construction Co., for the Comprehensive Street Improvements-Phase I (CSI1) project that provides Right-of-Way (ROW) improvements of approximately 15 miles of City streets located between Sample Road and the Sawgrass Expressway. Work on this project began in July 2017 and is slated for completion in the mid-calendar year 2018.

The CSI1 improvements include milling and resurfacing, sidewalk construction, and application of the Broward County "Complete Streets" multi-modal transportation concept in roadway design, which adds bike lanes where possible. Accordingly, approximately two miles of 'on-street' bike lanes have been proposed as part of CSI1, eastbound and westbound Winston Park Boulevard, between Lyons Road and SR-7/US-441.

Simultaneous with the CSI1 construction, the Florida Department of Transportation (FDOT) is undertaking a study to document the constructability and performance of solar powered LED delineators shown in Exhibit "A" of the attached Joint Participation Agreement (JPA) and also how it will affect ridership. FDOT proposes to compensate the City up to \$250,000 for applying the specified 'test' delineators at the Winston Park Boulevard bike lane installation.

The City is in a position to potentially benefit from this timely FDOT agreement to provide and completely fund the improvement of solar powered LED bike lane delineators. This improvement can be viably added to the scope of work of the currently active CSI1 construction agreement. A Change Order proposal in the amount of \$249,782.50 has been provided by the CSI1 contractor, Stanford Construction Co., to furnish and install the FDOT specified delineators.

DISCUSSION:

FDOT routinely launches pilot projects to determine the suitability and performance of newly released transportation products. The solar powered LED delineators specified in Exhibit "A" have recently come to market, and FDOT desires to field test their constructability, performance, as well as effect

on ridership usage. Accordingly, FDOT is proposing to fund up to \$250,000 to the City for 'testing' these delineators at each of the proposed one mile bike lane sections, eastbound and westbound Winston Park Boulevard, between Lyons Road and SR-7/US-441.

The bike lanes at Winston Park Boulevard will be constructed as part of the Comprehensive Street Improvements-Phase I (CSI1) project near mid-calendar year 2018. The CSI1 is currently under construction and Stanford is scheduled to mill, resurface and stripe Winston Park Boulevard late in spring of 2018. Approximately 1,500 delineators, spaced six (6) feet apart, will be installed subsequent to the application of the new pavement between the outermost thru lanes and the newly proposed bike lanes. An inbuilt light sensor will illuminate them from dusk to dawn to present an aesthetic and safety improvement for Winston Park Boulevard and bicycle riders.

A Change Order proposal in the amount of \$249,782.50 has been received from the contractor for the CSI1, Stanford Construction Co., to procure and install the delineators. After installation, the City will invoice FDOT for reimbursement of the full amount of the Change Order, \$249,782.50.

FDOT will evaluate the performance of the delineators over a period of 24 months. A twelve (12) year limited warranty will be provided for the delineators by the distributor, Miami Security & Service, LLC.

RECOMMENDATION:

Staff recommends approval of this Resolution.

FISCAL IMPACT:

REVENUES: \$ 0

EXPENDITURES: \$ 249,782.50

BUDGETED? Yes

NOTES: Account No. 3291541-6859, Comprehensive Street Improvements.