



Legislation Text

File #: RES 2018-051, Version: 1

AGENDA ITEM REPORT

TITLE:

A RESOLUTION AUTHORIZING THE CITY MANAGER, OR DESIGNEE, TO EXECUTE AMENDMENT NO. 1 TO THE PUBLIC TRANSPORTATION JOINT PARTICIPATION AGREEMENT (JPA) WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) PROVIDING FOR THE PURCHASE AND INSTALLATION OF SOLAR POWERED LED BIKE LANE DELINEATORS WITH A GLASS LENS AT WINSTON PARK BOULEVARD, BETWEEN LYONS ROAD AND STATE ROAD 7 (SR 7/US 441).

BACKGROUND:

On January 11, 2018, the City Commission approved a resolution to enter into a Joint Participation Agreement (JPA) with the Florida Department of Transportation (FDOT) that would compensate the City up to \$250,000 for the procurement and installation of solar powered LED bike lane delineators along eastbound and westbound Winston Park Boulevard, between Lyons Road and SR 7/US 441, under the scope of the Comprehensive Street Improvements Phase I project. The City Commission also approved a change order to the construction contract by the contractor for the project, Stanford Construction Co., in the amount of \$249,782.50 to provide for the installation of the bike lane delineators. The originally approved MS1 model bike lane delineator, included as Exhibit "A" of the original JPA, was assembled with a transparent, acrylic lens.

DISCUSSION:

FDOT has been in search of a resilient solar powered LED roadway delineator that can withstand the harsh environment of a roadway surface. Within the past two years, a pilot installation at the Village of Key Biscayne, utilizing delineators with a plastic lens yielded a less than optimum performance with the lens becoming cloudy during the evaluation period. FDOT found a local distributor, Miami Security and Service LLC, who introduced the Model MS1 delineator with an acrylic lens, which was approved for the pilot installation on Winston Park Boulevard under the Comprehensive Street Improvements Phase I project.

Since the approval of this JPA, FDOT has become aware of other MS bike lane delineator models that utilize a glass lens instead of the acrylic lens. FDOT proceeded to subject the glass delineator to an impact test, compression test, and tests for scratch resistance. The delineator performed adequately in the tests, and its lens was assessed to be superior in durable clarity than other materials. The City and FDOT expect that the glass lens would prove superior to the other materials in its resistance to scratching and clouding.

Accordingly, FDOT recently approached the City to amend the JPA to use the MS glass model delineators presented in the attached Exhibit "A-1" of Amendment No. 1 to the JPA. This amendment provides for the procurement and installation of the new glass lens delineator model and is at no additional cost to the City or changes to the terms of the original JPA.

RECOMMENDATION:

Staff recommends approval of this Resolution.

FISCAL IMPACT: N/A