

**ST PETERSBURG CITY COUNCIL**  
**Reports**  
**Meeting of March 23, 2023**

**To: The Honorable Brandi Gabbard, Chair and Members of City Council**

**Subject:** A resolution authorizing the Mayor or his designee to accept a grant in an amount not to exceed \$1,159,500 from the State of Florida Department of Transportation (“FDOT”) and execute a Joint Participation Agreement between the City of St. Petersburg, Florida, and FDOT for participation and financial assistance from FDOT in the West St. Petersburg Smart Signal Corridors Connected Vehicle project; approving a supplemental appropriation in the amount of \$1,159,500 from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from these additional grant revenues, to the West St. Petersburg Smart Signal Corridors Project (TBD); and providing an effective date.

**Explanation:** In June 2022, the City applied for a grant through FDOT’s Technology Application Partnerships with Local Agencies (TAPs-LA) Program. The intent of the TAPs-LA program is to provide investments in Connected and Automated Vehicle technologies on the State roadway network through collaboration with local jurisdiction. Given the program limitations, specifically that projects are located on State roads, staff identified two corridors in West St. Petersburg where infrastructure improvements could be realized to the benefit of all roadway users. Those corridors include 66<sup>th</sup> Street from Pasadena Avenue to 38<sup>th</sup> Avenue North and Tyrone Boulevard from 5<sup>th</sup> Avenue North to Park Street. The corridors were selected to connect with infrastructure investments on adjacent corridors to provide a more seamless network in this key region of St. Petersburg and Pinellas County.

In total, the project will provide new and upgraded traffic signal controllers and cabinets at fifteen (15) signalized intersections along the two corridors, including all but the temporary traffic signal that was recently installed for Fire Station 2. The project does include the intersection of 26<sup>th</sup> Avenue North which is anticipated to provide access to the new Fire Station once relocated. Coupled with additional investments in video detection for the intersections, the City will deploy adaptive traffic signal control along the corridors such that the signal timings are more responsive to real-time traffic demands. Further, the project includes the installation of Roadside Units at the approaches to the intersection to provide Connected Vehicle technologies that will allow for future Vehicle-to-Infrastructure integrations. Finally, the project will allow for the City to upgrade the video wall at the City’s Traffic Management Center which will enhance staff’s ability to monitor traffic along these corridors, but also citywide.


**Recommendation:** Administration recommends approval of the attached resolution authorizing the Mayor or his designee to accept a grant in an amount not to exceed \$1,159,500 from the State of Florida Department of Transportation (“FDOT”) and execute a Joint Participation Agreement between the City of St. Petersburg, Florida and FDOT for participation and financial assistance from FDOT in the West St. Petersburg Smart Signal Corridors Connected Vehicle project; approving a supplemental appropriation in the amount of \$1,159,500 from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from these additional grant revenues, to the West St. Petersburg Smart Signal Corridors Project (TBD); and providing an effective date.

**Cost/Funding/Assessment Information:** No City matching funds are required to complete this project, however existing City staff will dedicate time to administer the project implementation. The Joint Participation Agreement, in the amount of \$1,159,500, is expected to cover all project costs. Revenue in the amount of \$1,159,500 will be received from FDOT and deposited into the General Capital Improvement Fund (3001). Funding will be available after the approval of a supplemental appropriation

in the amount of \$1,159,500 from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from these additional grant revenues, to the West St. Petersburg Smart Signal Corridors Project (TBD).

**Attachments:**

- (1) Resolution
- (2) Joint Participation Agreement
- (3) Presentation

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**Administration:** 

**Budget:** *Lance Stanford*

RESOLUTION NO. 2023 \_\_\_\_

A RESOLUTION AUTHORIZING THE MAYOR OR HIS DESIGNEE TO ACCEPT A GRANT IN AN AMOUNT NOT TO EXCEED \$1,159,500 FROM THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION (“FDOT”) AND EXECUTE A JOINT PARTICIPATION AGREEMENT BETWEEN THE CITY OF ST. PETERSBURG, FLORIDA, AND FDOT FOR PARTICIPATION AND FINANCIAL ASSISTANCE FROM FDOT IN THE WEST ST. PETERSBURG SMART SIGNAL CORRIDORS CONNECTED VEHICLE PROJECT; APPROVING A SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$1,159,500 FROM THE INCREASE IN THE UNAPPROPRIATED BALANCE OF THE GENERAL CAPITAL IMPROVEMENT FUND (3001), RESULTING FROM THESE GRANT REVENUES, TO THE WEST ST. PETERSBURG SMART SIGNAL CORRIDORS PROJECT (TBD); PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of St. Petersburg, Florida (“City”) applied for a grant through the State of Florida Department of Transportation (“FDOT”) for funding for the West St. Petersburg Smart Signal Corridors Connected Vehicle Project (“Project”); and

WHEREAS, the FDOT has agreed to participate and provide financial assistance for the Project in an amount not to exceed \$1,159,500 (“Grant”);

WHEREAS, the Grant is for the procurement of 15 traffic signal controllers and cabinets, 15 Roadside Units (RSU), 15 intersection and system detection systems and a video wall upgrade at the St Petersburg Traffic Management Center (TMC) including all ancillary equipment and cabling necessary to complete the Project; and

WHEREAS, as a requirement for FDOT’s participation and financial assistance in the Project, the City must enter into a Joint Participation Agreement setting forth the obligations of FDOT and the City.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of St. Petersburg, Florida, that the Mayor or his designee is authorized accept a grant in an amount not to exceed \$1,159,500 from the State of Florida Department of Transportation (“FDOT”) and execute a Joint Participation Agreement between the City of St. Petersburg, Florida and FDOT for participation and financial assistance from FDOT in the West St. Petersburg Smart Signal Corridors Connected Vehicle Project.

BE IT FURTHER RESOLVED that there is hereby approved from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from these grant revenues, the following supplemental appropriation for FY23:

<u>General Capital Improvement Fund (3001)</u>	
West St. Petersburg Smart Signal Corridors Project (TBD)	\$1,159,500

This resolution shall become effective immediately upon its adoption.

Approvals:

/s/Christina Bousias  
City Attorney (Designee) 00669525

  
Administration

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Budget

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