City of Coral Gables
CITY COMMISSION MEETING
January 23, 2024

ITEM TITLE:

RESOLUTION. A RESOLUTION OF THE CITY COMMISSION AUTHORIZING AN AMENDMENT FROM THE THREE-YEAR TRAFFIC TECHNOLOGY GRANT AMOUNT OF $392,361 TO RECOGNIZE YEAR TWO AMOUNT OF $130,787 AS REVENUE AND TO APPROPRIATE SUCH FUNDS TO COVER THE GRANT EXPENDITURES TO THE FISCAL YEAR 2023-2024 ANNUAL BUDGET.

DEPARTMENT HEAD RECOMMENDATION:

It is recommended that the City Commission approve the Resolution.

BRIEF HISTORY:

The City of Coral Gables is being a subrecipient with Traffic Technology Services, Inc. (TTS) on behalf of the United States Department of Energy (DOE) Advanced Research Projects Agency-Energy (ARPA-E) to conduct engineering research and implement a small scale intelligent traffic network (AutonomIA) that will leverage sensors, connected vehicles and artificial intelligence (AI) to optimize traffic in real time, improve safety, and lower carbon emissions. For this research, the City will use subaward funds to install additional traffic sensors and smart poles in the intersection of Alhambra and Ponce De Leon, and will contract an electrical engineer and data scientist for the project. The city's cost share part of the project (mentioned in the subaward agreement) is an in-kind contribution (not monetary) consisting of the use of our advanced smart city technology infrastructure and the expertise of our IT item (all valued in $1.2M).

An amendment to the Fiscal Year 2023-2024 Annual Budget is required to recognize the $130,787 grant as revenue and to appropriate such funds to cover the grant expenditures.

FINANCIAL INFORMATION: (If Applicable)

Account No.	Amount	Source of Funds
310-3210-519-6405	$130,787	FY24 INTEL TRAF - FED

FISCAL IMPACT:

There is an immediate fiscal impact, as the grant does require an in-kind match use of smart city infrastructure and city talent of the project. There will be a future fiscal impact, as the grant funds in the amount of $130,787 for Phase II will be used for the continuation of the project which will have capital cost. The revenue and expenditures related to this grant are not recurring. This grant allows the City to conduct engineering research and implement a small scale intelligent traffic network (AutonomIA) to optimize traffic in real time, improve safety, and lower carbon emissions.

ATTACHMENT(S):

1. **Draft Resolution**
2. **Grant Agreement**