



Legislation Details (With Text)

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Title: 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.

Sponsors:

Indexes:

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Attachments: 1. R-2024-14 Signed, 2. Cover Item ARPA-E Subaward Grant Year Two \$130,787 for FY 24, 3. Resolution ARPA-E Subaward Grant Year Two \$130,787 for FY 24

Date	Ver.	Action By	Action	Result
1/23/2024	1	City Commission		

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.

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.

It is recommended that the City Commission approve the Resolution.