**Fiscal Impact Statement**

|  |  |  |
| --- | --- | --- |
| ***Department*** | Mobility and Infrastructure | |
| ***Preparer*** | Sophia Yarish | |
| ***Contact*** | Karina Ricks | |
| ***Type of Initiative*** | Legislation | Executive Order |
| ***Type of Legislation*** | Contract Authorization | |

**Description of Initiative**

The project will deploy real time adaptive traffic signals, pedestrian detection, vehicle to vehicle (V2V), and vehicle to infrastructure (V2I) technology along several key corridors or “Smart Spines”. The core of the project is a decentralized approach to control traffic in a road network: each intersection allocates its green time independently based on actual incoming vehicle and pedestrian flows. Then, protected outflows are connunicated to neighboring intersections to increase their visibility of future incoming traffic. This resolution authorizes the City to enter into agreements to accept grant funding, and make necessary expenditures relalted to completion of the construction of the project.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Total Cost*** | $ **21,798,636.00** | | | |
| ***Frequency of Expenditure*** | One-Time | | Multi-Year | |
| ***Funding Source*** | Operating | Capital | Grant | Trust Fund |
| ***Is this item budgeted?*** | Yes | | No | |

**JDE Account Information**

**JDE Fund JDE JOB NO. Budget Year Amount Account No. Source ItemNo.   
40118 6030170118 2018 $1,285,363.00 54205 PAYGO 1419  
40019 6030170019 2019 $1,000,000.00 54205 BOND 1419  
40020 6030170020 2020 $3,492,571.00 54205 BOND 1419  
40021 6074090021 2021 $3,121,384.00 54205 BOND 1419  
40022 6074090022 2022 $2,000,000.00 54205 BOND 1419  
 Total Local Funding: $10,899,318.00  
 Federal Highway Association 50% Match: $10,899,318.00  
 Total Project Cost: $21,798,636.00**

**Additional Costs**

N/A

**Impact on City Revenue**

Staff time will be needed to manage vendor contracts and review plans. New infrastructure will require additional maintenance.

**Attachments**

*If required, include any additional attachments and/or exhibits.*