

MOTION

To help overcome the biggest barriers to mobility, the Toyota Mobility Foundation (TMF) was established in August 2014. Through this foundation, Toyota combines technological and environmental expertise and resources, with the vision and experience of organizations around the world to address urban transportation challenges and expand personal mobility for all people.

On April 23, 2018, the Council approved a \$59,000 grant award from the Mayor's Fund and the TMF to use Automated Traffic Surveillance and Control (ATSAC) cameras to automatically count bicyclists and pedestrians. The grant funds were used in conjunction with the California State University Los Angeles to fund research into the use of ATSAC cameras and computer vision/machine learning technologies to automatically count bicyclists and pedestrians. The goal of the project is to improve the availability of reliable active transportation behavior data in the pilot Arts District neighborhood, and to demonstrate a novel approach to training computer vision algorithms based on data collected by the City.

LADOT, in conjunction with the Information Technology Agency, is now seeking additional grant funding to launch a two-year pilot project in the Arts District to build on machine learning algorithms developed under a previous TMF partnership.

I THEREFORE MOVE that the City Council AUTHORIZE the Department of Transportation to apply for, accept funds and execute any necessary agreements, in an amount up to \$825,000, from the Toyota Mobility Foundation for a pilot program in the Arts District to analyze active transportation data through the installation of new ATSAC cameras, new relocatable digital cameras, and other sensor technology and software.

I FURTHER MOVE that, on approval of the grant award, the City Council AUTHORIZE the Controller to:

1. Deposit said funds in the Transportation Grant Fund No. 655 and appropriate up to \$825,000 therein to a new account entitled, "Toyota Bike/Pedestrian Count Grant."
2. Transfer \$275,000 from the new Toyota Bike/Pedestrian Count Grant account to Fund 100, Department 32 (Information Technology Agency) as follows:
  - a. \$260,000 to Contractual Services Account 003040; and
  - b. \$15,000 to Office and Administrative Services Account 006010.
3. Make any technical corrections or clarifications as necessary to the above instructions in order to effectuate the intent of this motion.

PRESENTED BY:



MIKE BONIN  
Councilmember, 11<sup>th</sup> District

SECONDED BY:



APR 02 2019

ORIGINAL

