

TRANSPORTATION COMMITTEE REPORT relative to the installation of sensors and/or other technologies capable of counting pedestrian and vehicles in the vicinity of Lake Hollywood Park, and the east and west Innsdale Trail entrances.

Recommendations for Council action, SUBJECT TO THE APPROVAL OF THE MAYOR:

1. CONFIRM the recommended locations for installation and identified funding for sensors and counters located in the vicinity of Lake Hollywood Park and the east and West Innsdale Trail entrances as detailed in the November 2, 2023 revised Bureau of Street Lighting (BSL) report, attached to the Council File.
2. AUTHORIZE the BSL to purchase and install counting technology on existing streetlights in the subject area, as detailed in the November 2, 2023 revised BSL report, attached to the Council File.
3. AUTHORIZE the Controller to transfer funds from the Council District 4 portion of the Street Furniture Revenue Fund No. 43D/50 to the following accounts for the purchase of pedestrian/vehicle counting devices and for the installation costs of said devices by BSL crews:
  - a. Transfer following amounts from: Fund No. 43D/50:
    - i. To: Fund: No. 100/84 Account No. 8780, Materials: \$12,000
    - ii. To Fund No. 100/84 Account No. 1010, Salaries: \$2,000
4. AUTHORIZE the BSL, Board of Public Works Office of Accounting, or Controller, to make any corrections, clarifications or revisions to the above fund transfer instructions, including any new instructions, in order to effectuate the intent of this instruction, and including any corrections and changes to fund or account numbers; said corrections/clarifications/changes may be made orally, electronically or by any other means.

Fiscal Impact Statement: None submitted by the BSL. Neither the City Administrative Officer nor the Chief Legislative Analyst has completed a financial analysis of this report.

Community Impact Statement: None submitted.

Summary:

On December 6, 2023, your Committee considered November 2, 2023 BSL reports (one regular and one marked "Revised") relative to the installation of sensors and/or other technologies capable of counting pedestrian and vehicles in the vicinity of Lake Hollywood Park, and the east and west Innsdale Trail entrances. According to the BSL, their reports are in response to a request for an analysis and project delivery plan to install sensors

and/or other technologies capable of counting pedestrians and vehicles in the vicinity of Lake Hollywood Park, and the east and West Innsdale Trail entrances.

The BSL has more than 223,000 streetlights throughout the City of Los Angeles. The majority of these poles are approximately 30 feet high and have power available 24 hours a day. These attributes make streetlight poles assets in the data-driven world of “smart city” and provide an existing infrastructure that can serve as access points for sensors, Wi-Fi, and other smart City technology. The BSL has been a leader for in the Smart City marketplace when it comes to streetlighting. For the last three years, the BSL has been exploring “smart” technologies that can be attached to our streetlight poles to assist other departments and agencies within the city. These technologies range from air quality monitoring to proximity sensors, to curb management, and radar detection. One of the larger projects that we deployed was pedestrian and cyclist counters, which was done in coordination with the Los Angeles Department of Transportation (LADOT). These were installed at target locations throughout the City so that LADOT can collect and analyze data along specific corridors for their planning purposes.

The counters that were used in the previous project with LADOT were reliable, but were very large and cumbersome to install. The BSL is currently testing a new product that has so far proved to be reliable, but is much smaller, easier to install and about half the cost. Current estimated cost of this device is \$6000, which includes counting analytics and three years of service/connectivity. This cost does not include installation fees, which are roughly \$300 per hour. After surveying the target locations, it has been determined that the BSL can provide a solution to accurately count the vehicles and pedestrians around Lake Hollywood Park and the Innsdale Trail west entrance. However, the Innsdale Trail east entrance does not have streetlights that are adequate to mount equipment to for data collection. The poles are only 10 feet tall and will not provide a proper viewing angle for accurate data. Furthermore, the ornamental style of these poles will not support our current technology used for pedestrian counting. We have chosen two recommended poles to mount this equipment to for data collection at the target locations and this is further detailed in the BSL reports. After consideration and having provided an opportunity for public comment, the Committee moved to recommend approving the recommendations contained in the November 2, 2023 Revised BSL report. This matter is now submitted to Council for its consideration.

Respectfully Submitted,  
Transportation Committee

**COUNCILMEMBER VOTE**

HUTT: YES

PARK: ABSENT

HERNANDEZ: YES

RAMAN: YES

YAROSLAVSKY: YES

ARL

12/6/23

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**-NOT OFFICIAL UNTIL COUNCIL ACTS-**