2018 BOND DEVELOPMENT QUESTION
Response to Request for Information

DEPARTMENT: ATD

REQUEST NO.: 09

REQUESTED BY: Kitchen

DATE REQUESTED: 06/14/18

DATE POSTED: 6/18/18

REQUEST: What locations would be covered by the proposed signals projects?

RESPONSE:

This proposed funding would be a "bucket" of funds, from which projects would be funded citywide. If approved by voters, project locations will be identified using existing prioritization processes based on traffic signal warrants, need, lifespan of equipment, etc.

The proposed 2018 Bond staff recommendation includes funding for the following traffic signal and technology programs and projects. The "universe of needs" for traffic signals and the Automated Traffic Management System is $71 million (as detailed in the April 16th memo). Staff requests $37 million (48% of current need) through the 2018 bond for traffic signal programs/projects, as follows:

- Traffic Signals and Signal System - $9,100,000

Includes funding for new signal installations, enhancements to the signal communications system, modifications and upgrades to existing traffic signal infrastructure and software, and battery backups

- Signal Safety Improvements - $4,300,000

Includes emergency vehicle preemption software and equipment, power-source modernization, accessible pedestrian signals, and retroreflective backplates to improve signal visibility.

- Mobility Improvements - $1,600,000

Includes vehicle detection equipment, traffic monitoring equipment (i.e., closed circuit cameras) and real time transit signal priority reporting.

More specifically, for example, for new signals alone there are about 168 traffic and 158 PHBs requests in some phase of evaluation; this funding would complete approximately 36 signals ($9.1M/ ~$250,000 per signal), plus other hardware, software and infrastructure outlined above. More detail and descriptions of the technology can be found in the April 16th memo.