



# CITY OF CONCORD

## Report to Mayor and City Council

**DATE:** March 31, 2023  
**TO:** Mayor and City Council  
**FROM:** Brian G. LeBrun, Deputy City Manager - Finance  
**SUBJECT:** LED Streetlight Project Completion and Unutil Incentive

### **Recommendation**

Accept this report regarding LED Streetlight Replacement Project completion and accepting \$285,448 Incentive from Unutil for the project.

### **Background**

The City and the Energy and Environment Advisory Committee has been diligently working on energy savings projects for many years, including an LED Streetlight Replacement project. With the cooperation of the Energy and Environment Advisory Committee and Unutil, this project was completed in early February 2023 and savings will begin to accrue immediately. Over a ten-year period, it is estimated that the savings to City operating costs for street lights will be approximately \$702,621.04.

### **Discussion**

In coordination with the efforts of the City's Energy and Environment Advisory Committee, the City has been working on a program to replace municipal street lights with Light Emitting Diode (LED) Street Lights. This project is expected to save about 672,364 kWh of electricity each year which translates into an approximate \$702,459.73 net savings over a ten-year period.

The purchase and installation cost of the project is \$547,907.73 of which Unutil provided the City with a direct incentive payment of \$285,448. The remaining \$262,459.73 will be on-bill financed by Unutil for a period of 60 months beginning in the April 2023 billing cycle. Additionally, there is an amount of \$59,000 of undepreciated value of the old streetlights that the City is responsible for under this replacement program, and that amount will also be on bill financed for 60 months. Both 60-month repayments are at zero percent interest for the duration

of the agreement. At the end of the agreement, the City will realize the full savings of the projects and a reduction of expenses in the street light expense line.

This project is a direct result of the hard work and coordination of many people including, the Energy and Environment Advisory Committee, the City's Community Development Department - Engineering Division, Finance/Purchasing and Legal Departments, Unutil, and Beacon Integrated Solutions, the City's Energy Consultant.