

FINANCIAL AND ENVIRONMENTAL BENEFITS OF LED STREETLIGHTS

Switching out one existing streetlight with one **LED Streetlight** annually yields...

151 KWH* OF REDUCED ENERGY
\$22.59 IN COST SAVINGS
167 LBS REDUCED GREENHOUSE GASES

* **KWH** = The kilowatt hour is a unit of energy equal to 1,000 watt-hours, or 3.6 megajoules

SAMPLE NUMBERS BY MUNICIPALITY

ARLINGTON

2,038 Lights

492,577 KWH per year of reduced energy
\$62,087 per year in cost savings
544,541 LBS reduced greenhouse gases

NATICK

2,393 Lights

544,915 KWH per year of reduced energy
\$81,737 per year in cost savings
604,066 LBS reduced greenhouse gases

WINCHESTER

1,668 Lights

254,318 KWH per year of reduced energy
\$49,947 per year in cost savings
282,191 LBS reduced greenhouse gases

SOMERVILLE

4,296 Lights[†]

2,103,132 KWH per year of reduced energy
\$315,470 per year in cost savings
2,327,788 LBS reduced greenhouse gases

[†]retrofit 2015

CHELSEA

1,623 Lights

496,987 KWH per year of reduced energy
\$74,548 per year in cost savings
551,155 LBS reduced greenhouse gases

SHARON

1,644 Lights

310,470 KWH per year of reduced energy
\$47,912 per year in cost savings
343,921 LBS reduced greenhouse gases

WOBURN

1,992 Lights

771,906 KWH per year of reduced energy
\$115,786 per year in cost savings
855,393 LBS reduced greenhouse gases