



Public Facilities Committee Report

City of Newton In City Council

Wednesday, April 19, 2017

Present: Councilors Crossley (Chair), Albright, Laredo, Lennon, Lappin, Brousal-Glaser, Gentile, Danberg

City staff present: Commissioner of Public Buildings Joshua Morse

Referred to Public Facilities and Finance Committees

#113-17

Appropriate \$528,423 for School Department energy efficiency projects

HIS HONOR THE MAYOR requesting authorization to appropriate and expend five hundred twenty-eight thousand four hundred twenty-three dollars (\$528,423) from the Energy Stabilization Fund to a dedicated account for the Newton Public Schools' Energy Efficiency Projects. [04/10/17 @ 2:42 PM]

Action: **Public Facilities Approved 8-0**

Note: Commissioner of Public Buildings Josh Morse presented the request to expend \$528,423 for energy efficiency improvements at Newton North High School. The decision to install fluorescent fixtures was made when Newton North was built LED lighting technology was not yet fully developed. Commissioner Morse noted that many communities suffered light failures due to the failure of the drivers. Fluorescent lighting generally begins to fail around seven years and Public Buildings hopes to replace the existing fluorescents with LED lights. Additionally, occupancy sensors will be installed to eliminate the need for 24 hour emergency lighting as previously recommended by the Fire Department. Commissioner Morse indicated that these changes will result in electrical consumption reductions of approximately 50% and approximately \$200,000 each year in energy and maintenance savings.

Commissioner Morse noted that the request to appropriate \$528,423 will not cover the total cost of the project. He stated that he expects that lamp replacement cost (\$115,000) can be covered by rebates from the Zervas School project, which should be available in June. The estimate for the rebates is \$118,000 and will cover the remainder of the lighting replacements.

Councilor Laredo motioned approval of the item which carried unanimously. The Committee adjourned at 9:04 pm.

Respectfully submitted,

Deborah J. Crossley, Chair