

**FAIRBANKS NORTH STAR BOROUGH BOARD OF EDUCATION**

**RESOLUTION 2020-06:**

**SUPPORT FOR THE SCHOOL DISTRICT LED LIGHTING CONVERSION PROJECT**

WHEREAS, the reduction of districtwide utility costs and energy conservation are consistent goals of the school district; and

WHEREAS, periodic and long-term investment in our buildings is an effective way to reach these goals; and

WHEREAS, the existing fluorescent lighting systems in schools and district buildings are less efficient and use more electricity than newer LED lighting systems; and

WHEREAS, converting existing fluorescent lighting to LED lighting systems in schools and district buildings would save approximately \$975,000 annually, reducing electricity usage by approximately 4,000 Megawatt hours each year; and

WHEREAS, converting to LED lighting would save approximately \$20,000 per year in related costs due to longer lifespans of LED bulbs compared to fluorescent bulbs; and

WHEREAS, based on the estimated annual savings, the expected payback of the conversion project is 2.2 years; and

WHEREAS, based on estimated annual savings, as well as expected lifespans of LED bulbs, the total lifetime savings of the conversion project are anticipated to be approximately \$19 Million;


NOW, THEREFORE, BE IT RESOLVED, the Fairbanks North Star Borough Board of Education supports the School District LED Lighting Conversion Project; and

BE IT FURTHER RESOLVED, the Fairbanks North Star Borough Board of Education supports the allocation of the full current balance of the Borough's School District Facilities Maintenance Reserve Fund (SDFMR), in the amount of \$1,464,881, towards the cost of this project, estimated to be approximately \$2.5 million.

Passed and Approved: September 3, 2019

  
Wendy Dominique, President  
Board of Education

ATTEST:

  
Sharon Tuttle  
Executive Assistant to the Board of Education

