

## Form 1. Individual Project Proposal Descriptions and Justification

Prepared by: Sam Kilpatrick III  
Project Title: Exterior Doors(JWL/LHS)

Date Prepared: January 4, 2016  
Program Area: School Facilities

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**Project Description:** Between JWL and LHS there are approximately 70 exterior doors, many of which are in need of repair or replacement. Below follows a priority listing of high traffic doors in need of work:

Juliet W. Long Front Entry Doors: Existing Doors are non-reinforced steel, and have experienced denting and warping. Buzzer/magnetic latching mechanisms have been wired through the mullion between the double door, eliminating the possibility of removing the mullion. Replacement with reinforced steel doors, vertical latches, and magnetic latching mechanism within the door hardware: \$5200.

LHS Front Entry Doors: These are the most-used doors in the district. Two sets of these double doors serve as the secured entry to the High School, with a camera/intercom/buzzer system. The 3<sup>rd</sup> and 4<sup>th</sup> sets of double doors at the front entry are in use after class hours and for events. Through the years, damage to the frames has occurred from excessive torque as well as remounting of hardware which has left several holes in the frames, compromising integrity. Welding repairs to frames will be necessary, as well as replacement of doors and hardware (reinforced steel, vertical latches and magnetic latching mechanism within door hardware): \$20,800.

LHS Auxiliary Gym Doors: These three sets of double doors are high-traffic doors as student-athletes and physical education students use them to access the athletic fields and track. The doors have become very difficult to close and to lock. Adjustments and fixes are often done, but replacement may be necessary. At a minimum, full surface hinges and rehangng of the doors will need to be done. \$6000/\$15,600

Evaluation Category: DF/RPH

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**Planning Context:** This work was tagged as a possible item to be addressed with the second round of Security Grant funding, which has since been eliminated.

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**Schedule:** Summer/Holiday work would be necessary in order to maintain secured access to the schools during student occupation.

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**Coordination:** While this work is not contingent upon other CIP projects, but could take place with other district door work with Key Fob Entry project.

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**Previous Town Meeting Action:** No previous Town action.

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**Project Priority:**

H priority within department/program area

M Risk of deferring project

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**Estimated Cost: \$**

2017: \$15,600; 2018: \$16,400; 2019: \$10,400; 2020: \$10,400; 2021: \$10,400; 2022: \$10,400

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**Basis of Cost Estimate:** Check one of the following. If you want to provide more detail on the estimate, do so with a narrative after indicating the type of estimate.

Cost of comparable facility or equipment

Rule of thumb indicator, unit costs

x From the cost estimate from engineer, architect, or vendor

From bids received

Preliminary estimate, (e.g. no other basis for estimate, guesstimate)

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**Alternative Financing:** None.

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