

# **Livonia Public Schools**

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## ***Business Services Office***

Date: April 25, 2012

To: Randy Liepa, PhD., Superintendent

From: Lisa Abbey, Director of Business Services

Re: Summer Projects

We would like to discuss some of the 2012 summer projects at the next Building and Site committee meeting on April 30, 2012.

These projects include:

- Gymnasium lighting at Western Wayne Skill Center, Cooper, Grant and Hayes Elementary

- Asbestos abatement at Stevenson High School

- Structural repair at Roosevelt Elementary and McKinley School

As part of our agenda on Monday night we will be discussing the process for communicating and approving facility projects on an ongoing basis.

Information on each of these projects is attached for review. These are projects that we would like to move forward on obtaining bids for the work to be performed this summer.

Please include this item on the April 30, 2012 Building and Site Committee meeting agenda. As always, if you have any questions contact my office. Thank you.

LA/kp

c: Board of Education  
Attachment

BUILDING AND SITE  
PROJECT RECOMMENDATION

Date April 30, 2012

Project Name Gym Lighting 4 schools

Location: Ford Skill Center, Grant, Hayes, Cooper

Description of Project: Replace lighting in gymnasiums

Estimated Cost: \$125,000 - \$150,000

Source of funds: Sinking Fund

Rationale

***Safety***

***Preventative***

✓ ***Function***

✓ ***Cost savings***

The lights in the gym currently are dated from 1970's. New fixtures would provide better lighting and reduce operational costs. Current bulbs are \$75 per and last 20,000 hours. New bulbs are \$1.40 per and last 36,000. DTE rebates may be available to offset some of the costs. Less maintenance time would be required to install replacement bulbs.

Administration is requesting following Board action:

***Approve using resources to determine project scope and requirements***

x ***Prepare RFP and bid***

***Approve bid results***

***Other***

Board response

***Approved***

***Denied***

***Need additional information***

**LIVONIA PUBLIC SCHOOLS**  
***ENGINEERING OFFICE***

*MEMORANDUM*

Date: March 29, 2012  
To: Lisa Abby, Director of Business Services  
From: Jim McMuldloch, District Engineer  
Re: Gym Lighting Project

The four school buildings for the Gym Lighting Replacement Project are Cooper Upper Elementary, Grant Elementary, Hayes Elementary, and Ford Skill Center. The project consists of the replacing the high bay metal halide lights fixtures with fluorescent high bay fixtures and painting of the ceilings. The replacement of the old fixtures with the new fluorescent fixtures will show an energy savings to the district. The estimated cost for the project for all four schools is \$125,000 - \$150,000.

Cooper Upper Elementary remove 28 metal halide lights and replace with 28 -2x4 6 lamp high bay fluorescent fixtures.

Ford Skill Center remove 30 metal halide lights and replace with 30- 2x4 6 lamp high bay fluorescent fixtures.

Grant Elementary remove 12 metal halide lights and replace with 20 -2x4 6 lamp high bay fluorescent fixtures.

Hayes Elementary remove 16 metal halide lights and replace with 16 2x4 6 lamp high bay fluorescent fixtures.

While in the areas we will need to paint the ceiling to optimize the light reflection for the fixtures. All lights would be controlled by occupancy sensors. All lights would be eligible (as of right now) for DTE rebates to cover a portion of the cost of the fixtures.

Cost comparison for the replacement of the bulbs:

Metal halide bulb with a 20,000 hour usage cost \$75.00/bulb.  
Fluorescent light tube with 36,000 hour usage cost \$1.40/bulb.

We are putting together the bid specifications to place this project out to bid.

BUILDING AND SITE  
PROJECT RECOMMENDATION

Date April 30, 2012  
Project Name Asbestos Abatement  
Location: Stevenson High School  
Description of Project: Abate asbestos throughout Stevenson as required during Phase I  
Estimated Cost: \$125,000 - \$150,000  
Source of funds: Sinking Fund

Rationale

- Safety - Required by law**  
 **Preventative**  
 **Function**  
 **Cost savings**

As part of the overall Phase I projects at SHS, there will be some asbestos abatement required. The cost for this included in the overall project costs presented to the BOE in October 2011.

Administration is requesting following Board action:

- Approve using resources to determine project scope and requirements**  
 **Prepare RFP and bid**  
 **Approve bid results**  
 **Other**

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- Board response  **Approved**  
 **Denied**  
 **Need additional information**

BUILDING AND SITE  
PROJECT RECOMMENDATION

Date April 30, 2012  
Project Name Structural Repair- Gymnasium window infills  
Location: Roosevelt Elementary & McKinley School  
Description of Project:  
Estimated Cost: \$120,000  
Source of funds: Sinking Fund

Rationale

- Safety**
- Preventative**
- Function**
- Cost savings**

This project is for structural remediation of the clerestory windows in the gymnasiums of Roosevelt and McKinley. There is degradation of the steel shelf angle supporting the exterior masonry above the clerestory windows openings on two sides of each gym.

This is a safety issue if the steel continues to degrade and cannot support the window

As we believe this is a safety issue we have requested architectural drawings and a budget estimate

Administration is requesting following Board action:

- Approve using resources to determine project scope and requirements**
- Prepare RFP and bid**
- Approve bid results**
- Other**

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- Board response
- Approved**
  - Denied**
  - Need additional information**