

**Special Board Committee
Tier II Meeting
February 29, 2016**

1. What are the geothermal/lighting savings?

In 2012, the new geothermal system was installed along with a lighting retrofit at both Jefferson and Franklin Middle Schools. Neither school has been expanded to date, so these facilities are appropriate to use as a before and after comparison example. The system was operational in August of 2012.

ELECTRIC/GAS CHARGES PAID FY11 - FY15						
BUDGET CODE	LOCATION	FY11	FY12	FY13	FY14	FY15
20254221000	FRANKLIN	74,158.98	62,865.07	58,618.54	52,098.72	54,809.06
20254222000	JEFFERSON	78,395.91	68,161.89	60,205.18	70,303.04	69,469.87
	TOTAL	152,554.89	131,026.96	118,823.72	122,401.76	124,278.93

The geothermal system provides both heating and air conditioning; while the gas fired boilers were heat only. Even with the addition of A/C, the utility bills are lower than before the new system was installed. These costs do not account for any differences in the O&M costs for the different systems.

2. What are HLS costs?

Refer to the 10-Year Health Life Safety Report that is available on the District's website: <http://www.champaignschools.org/sites/default/files/Ten-Year%20Safety%20Survey%20Report%20for%20Champaign%20Unit%204%20School%20District.pdf> The report identifies the following construction costs (in 2014 dollars):

Priority A - \$419,124

Priority B - \$5,634,810

Priority C - \$44,819,683

Note the survey for the McKinley Fieldhouse was inadvertently left out of this report and has since been added. That report is available on the District's website:

[http://www.boarddocs.com/il/champil/Board.nsf/files/A6SNND56DF3B/\\$file/McKinley%20Field%20House%20-%2010%20YR%20HLS%20Survey%20Report.pdf](http://www.boarddocs.com/il/champil/Board.nsf/files/A6SNND56DF3B/$file/McKinley%20Field%20House%20-%2010%20YR%20HLS%20Survey%20Report.pdf)

Priority A (McKinley) - \$5628

Priority B (McKinley) - \$3840

Priority C (McKinley) - \$0

Timeframe?

The surveys were completed in 2013. The report was presented to and approved by the Board at the February 10, 2014 meeting. The McKinley Fieldhouse report was presented to and approved by the Board at the February 8, 2016 meeting. Items are classified by priority. Priority A items are "urgent" and must be brought within compliance within one (1) year. Priority B items are "required" and must be addressed within five (5) years. Priority C items are

“recommended” items. Priority C items cannot be funded by HLS monies until all priority A and B items have been completed. It is possible to file an amendment with the State to request an extension of time under certain circumstances.

How much money has been invested already?

Priority A items were completed in the summer of 2015 for a cost of \$452,780.97. Central’s fire alarm was replaced last summer (priority B item) for \$416,213. The McKinley Fieldhouse repairs will be performed by the Unit 4 professional maintenance staff. Some of the mechanical/electrical/plumbing/fire protection Priority B items will be completed this summer at 12 facilities. These items are out to bid, with bids due on March 29th. The estimated cost of these items is \$144,700. Bottenfield, Robeson and Kenwood were surveyed concurrent with the renovation work. As many items as possible were incorporated into the renovations, so very little HLS work remains at these facilities. A large portion of priority B items will be completed by Unit 4 as maintenance work. Many of these items are door hardware related.

Fire Alarm costs?

Bottenfield – work was incorporated into the renovation
Kenwood - work was incorporated into the renovation
Robeson - work was incorporated into the renovation
Centennial High School - \$176,128 (completed 2012)
Central High School - \$416,213 (completed 2015)
Columbia –\$83,000 (HLS estimate)
Dr. Howard –\$92,000 (HLS estimate)
Edison Middle School –\$264,800 (HLS estimate; currently out to bid for 2016)
Franklin Middle School –\$158,000 (HLS estimate; scheduled for 2017)
Jefferson Middle School –\$163,600 (HLS estimate; scheduled for 2018)
Southside - \$61,000 (HLS estimate)

3. What are the HLS critical paths/costs

The HLS process determines critical path items through the prioritization labels of A, B and C. Cost estimates were provided in the HLS report.

How do we figure this out?

In general, the more critical Priority B items are related to mechanical/electrical systems as well as the building envelope. Priority B items are assessed annually by the Facilities Department, taking into consideration the buildings that may be considered for a future referendum.

4. Will there be any HLS issues if Columbia is used as a swing school?

Columbia has some Priority B items that total \$37,400.

Will technology upgrades be needed?

Smart boards would need to be moved to the building. There are already wireless access points in the building. There would likely need to be some work done on the network by the District’s IT Department.

5. Acreage – Centennial and Jefferson?

- Jefferson – 20 acres
- Centennial – 23.3 acres

6. Rebuild Central or renovate? What is the life of a renovation?

Design team will answer this question.

7. What are the standards being used for building? Leed? Local? Federal? State?

In general, the Illinois State Board of Education (ISBE) sets the code compliance standards. Currently, compliance with the 2009 International Codes is required; however, effective July 1, 2016 ISBE has adopted the 2015 codes. A full list of codes may be found in Part 180 Health/Life Safety Code for Public Schools and is attached for reference. LEED certification may be required depending on the funding source. The School Construction Program grants require green building silver certification standards be met.

8. Capacity chart – how did we come up with the numbers?

Attached is the report done by Dejong Richter in 2013 on enrollment projections.

[https://www.boarddocs.com/il/champil/Board.nsf/files/93TRRH6E6558/\\$file/Champaign_EP_Rept_01092013_REV.pdf](https://www.boarddocs.com/il/champil/Board.nsf/files/93TRRH6E6558/$file/Champaign_EP_Rept_01092013_REV.pdf)

9. Separate Central and Centennial’s enrollment numbers. Allocate the money where the growth is.

Projected Enrollment vs. Actual Enrollment vs. Capacity

Grade Level	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
High											
9-12 (Projected)	2,760	2,747	2,775	2,805	2,809	2,856	2,879	2,882	2,981	3,143	3,207
9-12 (Actual)	2,757	2,685	2,740	2,753							
CI (Actual)	1,374	1,368	1,440	1,422							
CE (Actual)	1,267	1,190	1,190	1,220							
Design Capacity	2,673	2,673	2,673	2,673	2,673	2,673	2,673	2,673	2,673	2,673	2,673
Utilization	103%	103%	104%	105%	105%	107%	108%	108%	112%	118%	120%

*Actual enrollment numbers are taken from the September 30 Housing Report. Central and Centennial enrollment numbers do not include students at alternative placement sites and students whose academic programming extends beyond four years. The 9-12 Actual enrollment is reflective of these students. Student enrollment numbers can fluctuate daily as students leave and return from alternative placements.

10. Provide map of land currently owned by the District.

Tom Lockman will provide this information at the March 10, 2016 meeting.