



2013 Bond Information Meeting

Livonia Public Schools



School District Responsibility:

To provide an exceptional educational program for the children in our community, utilizing facilities and equipment which foster an updated and engaging learning environment.



How do we meet this responsibility?

- ◉ Set an Expectation
 - Shared Vision
- ◉ Meet that Expectation
 - Long-term facility plan
- ◉ Implement the Plan
 - Prioritize and fund the projects



Set the Expectation

LPS Shared Vision

Livonia Public Schools Shared Vision

Livonia Public Schools stands as a lighthouse district, a beacon of excellence offering exceptional educational opportunities to all children and serving as a source of pride for our community. As a premier school system, we promote a passion for learning and a philosophy that puts the needs of children and their education first.

Climate and Environment

We are a caring community that knows and lifts every child. All employees, parents and community members appreciate and honor the unique contributions each brings to our education community. Therefore, we see a school district where we...



- provide a safe, joyful, welcoming environment for all who enter and a place where students are eager to learn.
- respect, value, empower and trust one another.
- celebrate the uniqueness of each individual in a climate of acceptance and understanding.
- value open, honest and two-way communication among all stakeholders (families, students, staff and community).
- invite parents and community members to be active partners.
- benefit from facilities that are updated, well maintained and inviting, including cutting-edge technology and equipment.

“We see a school district where we...

...benefit from facilities that are updated, well-maintained and inviting, including cutting-edge technology and equipment.”

LPS LONG-TERM FACILITY PLAN DECISION MATRIX

LONG-TERM FACILITY PLANNING DECISION MATRIX - 2009							Impact on Student Learning	Will It Attract/Retain Families	Energy Efficiency/Cost Reduction	Healthy & Safe Learning Environment	Essential to the Operation of School	Will It Impact Most/All Schools	Is District-wide Implementation Cost Low	Does It Provide Great Deal of Value vs. Cost															
	K-4	5-6	M.S.	H.S.	Other	Total									TOTAL														
Windows	7.8 M	4.8 M	5 M	11.7 M	2.8 M	32.1 M	0.36	0.20	0.82	0.35	0.67	0.16	0.05	0.27	2.87														
Exterior Doors	1.2 M	450 K	450 K	750 K	800 K	3.7 M	0.13	0.18	0.77	0.36	0.64	0.18	0.07	0.21	2.54														
H.S. Fine Arts						3 M	0.89	0.32	0.15	0.16	0.35	0.09	0.11	0.29	2.35														
Plumbing/Restrooms	8 M	1.3 M	1.3 M	2.4 M	2 M	13 M	0.33	0.14	0.50	0.35	0.55	0.19	0.07	0.15	2.26														
Classroom Computers - Lab, LMC, Teacher Stations, Admin. Computer Replacements, & 5 addtl. computers per classroom w/drop	<div>Impact on Student Learning</div> <div>Will It Attract/Retain Families</div> <div>Energy Efficiency/Cost Reduction</div> <div>Healthy & Safe Learning Environment</div> <div>Essential to the Operation of School</div>																												
Electrical Upgrades																											0.05	0.14	2.25
Smartboards																											0.07	0.15	2.24
Other Technology																											0.09	0.25	2.20
Air Conditioning																											0.08	0.22	2.13
Elementary Gyms												0.02	0.14	2.12															
Media Center Technology & Large Meeting Room Presentation Systems												0.04	0.20	2.11															
Data Projectors	40																												
Musical Instruments																													
Mechanical (incl. in HVAC improvements)																													
Added Cameras																													
Wireless Infrastructure																													
Lots/Driveways																													
Blinds																													
Buses																													
Printers																													
Floors	4.3 M	2.3 M	2.4 M	6.3 M	1.4 M	16.7 M	0.23	0.16	0.12	0.28	0.52	0.19	0.05	0.07	1.62														
Interior Doors	2.4 M	1.2 M	1.3 M	3.6 M	800 K	9.3 M	0.16	0.14	0.27	0.26	0.44	0.16	0.05	0.12	1.59														
Furniture						2 M	0.46	0.14	0.10	0.17	0.41	0.11	0.07	0.10	1.55														
Phone System Upgrade						4 M	0.23	0.05	0.20	0.19	0.55	0.12	0.07	0.12	1.53														
Whiteboards	840 K	300 K	360 K	600 K	280 K	2.4 M	0.59	0.12	0.12	0.12	0.23	0.13	0.08	0.14	1.53														
Build Select New Buildings		11-13 M	25-30 M			36-43 M	0.49	0.23	0.32	0.21	0.12	0.03	0.01	0.10	1.51														
Playgrounds						10-100K	0.36	0.21	0.05	0.26	0.38	0.08	0.06	0.10	1.50														
Office Relocation						7.8 M	0.20	0.07	0.12	0.38	0.35	0.10	0.08	0.12	1.43														
Ceilings						TBD	0.20	0.12	0.25	0.17	0.44	0.15	0.02	0.07	1.42														
Added Door Swipes	104 K	30 K	60 K	90 K	40 K	324 K	0.13	0.10	0.05	0.36	0.20	0.12	0.09	0.16	1.21														
Renovations to Improve Outside						1.3 - 4 M	0.13	0.22	0.15	0.12	0.15	0.12	0.06	0.10	1.05														
Cabinets	6 M	1.9 M	2 M	3 M	2 M	14.9 M	0.23	0.07	0.10	0.10	0.26	0.11	0.03	0.06	0.98														

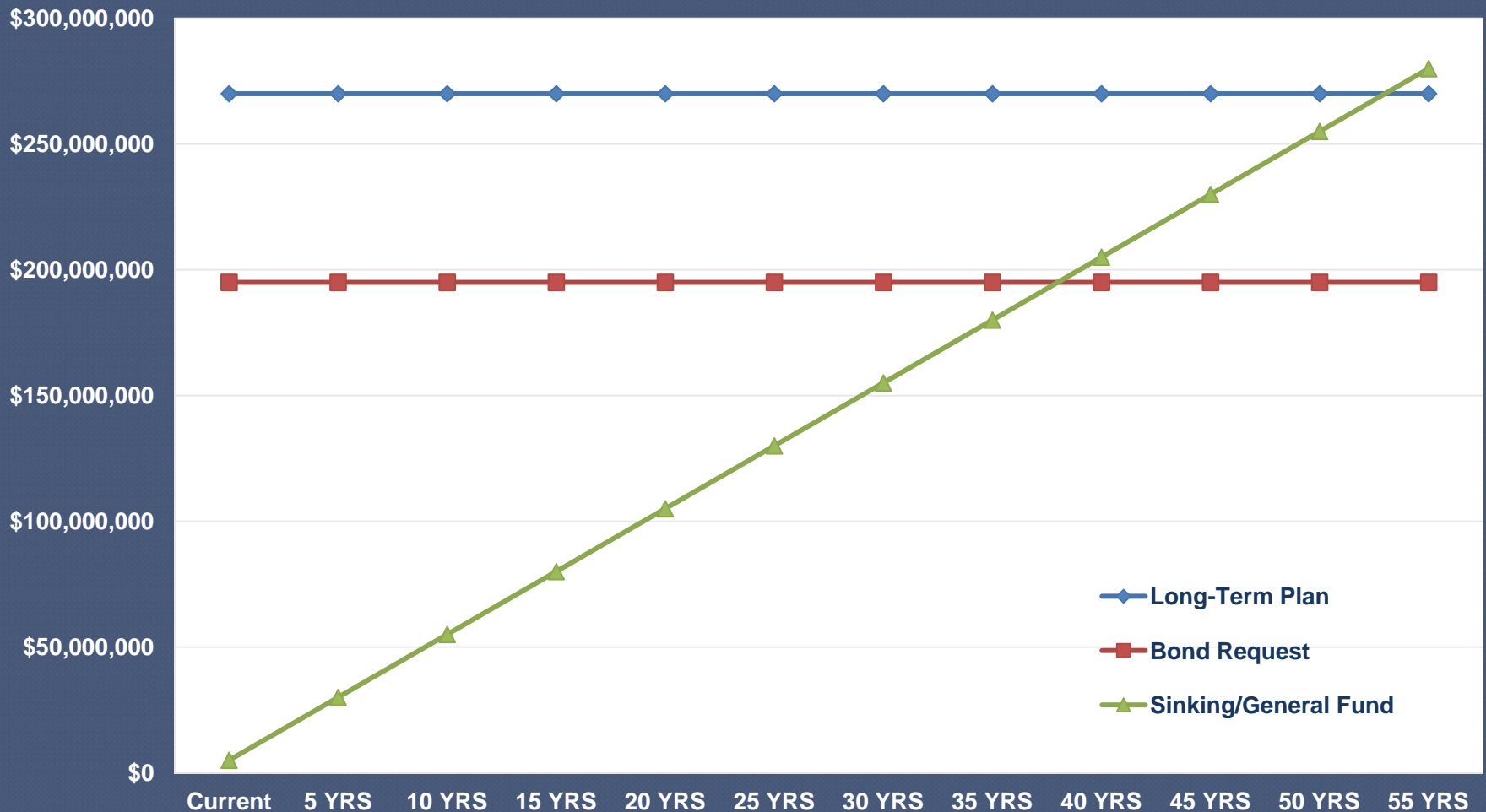
Implement the Plan

Determine how to fund the projects in the long-term plan

- **General Fund** – typically used for ongoing daily maintenance, repairs, some replacement
- **Sinking Fund** – utilized in Livonia. Major renovation – approximately \$5 million annually
- **Bond** – utilized for significant renovation and upgrades that exceed funding capabilities of the general fund and sinking fund

It was determined that in order to make meaningful progress in implementation of the long-term facility plan, a bond issue would need to be explored. This led to further bond study.

Long-Term Funding



Additional Board Study 2012-13

The Board of Education sought updated feedback and input from stakeholders:

- Community survey
- Additional community forums
- Facility reviews with administrators and building supervisors



Additional Board Study 2012-13

Research:

- Emerging school facility trends
- Site visits to LPS and other district schools
- Third party expert evaluation of our plans
- Enrollment projections
- Millage rate comparison to other districts

Board of Education Findings

- ◉ LPS buildings are 40 to 60 years old
- ◉ Many infrastructure items are original to the facilities and past their useful life
- ◉ There are opportunities for energy efficiencies
- ◉ Technology is outdated
- ◉ Security upgrades are needed

Board of Education Findings

- ⦿ Equipment, furniture and buses need replacement
- ⦿ Priority items unchanged
- ⦿ LPS has one of the lowest debt millage rates in the area
- ⦿ LPS facilities are not comparable to neighboring districts

Determination of the Board

In order to fulfill our vision and implement our long-term facility plan, a bond was determined to be the best way to finance priority projects.



Benefits

Benefits of the facility upgrades include:

- Improved education environment
- Technology in every classroom
- Staying competitive with surrounding districts
- Maintaining home values
- Energy and maintenance cost savings
- Improved security

How Much?

- Initial look at priority projects - \$270 million
- Critical needs = \$195 million
- Cost to the homeowner
 - 2.4 mills
 - Cost on an average home value of \$132,000 will be approximately \$13 monthly
 - Millage rate goes down after 4 years
- To be paid over 30 years

Cost Compared to Surrounding Communities

○ Novi	7.63
○ Dearborn	5.81
○ Garden City	4.88
○ Wayne-Westland	4.86
○ Northville	4.30
○ Plymouth-Canton	4.10
○ Farmington	2.56
○ Livonia	2.20

Current millage
rates

LPS Bond Compared to Brighton Area Schools' 2012 Bond

	Brighton \$88 M	LPS \$195 M
Number of students	5,124	15,024
Square footage (SF)	1,174,000	2,812,903
Cost per SF	\$74.96	\$69.32

What are the Projects?

- Technology and security upgrades
- Infrastructure improvements
- Furniture, equipment and buses
- High school auditoriums and fine arts areas
- Entrances and office locations (K-6)
- Cafeteria and kitchen upgrades (5-12)



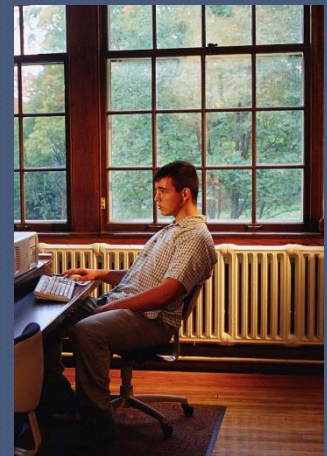
Technology and Security Upgrades

- ◉ Network and infrastructure
- ◉ Wireless network
- ◉ Mobile learning devices
- ◉ Computers, printers
- ◉ Public address/sound systems
- ◉ Security— cameras, card access, alarm systems
- ◉ Phone system – Enhanced 911 calling



Infrastructure Improvements

- **Outdoor Areas** – playground equipment, high school press boxes
- **Building Envelope** – exterior doors, windows, partial roof replacement



Infrastructure Improvements

- ◉ **Interior Improvements** –flooring, ceilings, lighting, doors, whiteboards, cabinetry, lockers, high school locker rooms, restrooms
- ◉ **Plumbing** – replace domestic water piping, hot water heating system, drinking fountains, toilets, sinks



Infrastructure Improvements

- **Mechanical** – HVAC, including classroom venting; temperature controls; energy management system; boiler room piping
- **Electrical** – upgrade distribution panels, transformers, emergency lighting, increase power capability, lighting, clock systems, added outlets



Furniture, Equipment and Buses

- Replace 70-75% of classroom furniture
- Replace 61 buses
- Replace selected instructional equipment
- Replace 50% of custodial and maintenance equipment



Fine Arts

◉ High School Auditoriums & Fine Arts Areas

- Stage and seating
- Band rooms
- Instructional music rooms
- Performance areas



Building Upgrades and Improvements

- Entrance areas
- Office locations – K-6 (safety)
- Cafeterias and kitchens



How long will the Project take?

- 5 years to complete
- First two years – enhance every school



Fulfilling our Vision

This bond proposal gives us the opportunity to bring our Shared Vision to life:

“We envision a school district where we benefit from facilities that are updated, well-maintained and inviting, including cutting-edge technology and equipment.”

Learn More

- ◉ **Thursday, March 21** – Community Forum, tour – see examples of modern classrooms, set up as a showcase and interactive tour
6:00-7:00 p.m. and 7:00-8:00 p.m.
Stevenson High School
33500 Six Mile, Livonia
- ◉ **Thursday, April 11** – Community Forum
7:00 p.m.
Franklin High School
31000 Joy Road, Livonia
- ◉ **Wednesday, April 17** – Community Forum
7:00 p.m.
Churchill High School
8900 Newburgh Road, Livonia
- ◉ Visit www.livoniapublicschools.org for more information