

Littleton Public Schools

*Capital Improvement
Planning Committee Report*

August 2013

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Executive Summary

COMMITTEE CHARGE

To review the district physical plant, program capacity, and major capital equipment requirements, and determine what improvements to efficiency and sustainability and infrastructure needs may be required during the next five to ten years.

BACKGROUND

The Operations and Maintenance (O&M) department has been maintaining a database of capital deficiencies projects since the last bond program was completed in 2005. David Metcalf, a program manager from the last bond program, was asked in November 2010 to review and examine the items on the deficiency list, eliminate completed or duplicate projects, and begin to compile a plan to address the district's needs.

The plan was developed after meeting with directors, managers, and various technicians to further refine the list as additional deficiencies were identified. The refined plan served as the foundation upon which the Capital Improvement Planning Committee (CIPC) began their discussions.

In January 2013, the Board of Education approved the CIPC charge. Solicitation for members, by the superintendent, began after the Board's approval. The CIPC began meeting in March 2013.

To assist the O&M department and the CIPC in verifying and analyzing identified deficiencies throughout Littleton Public Schools (LPS) facilities, Yon Tanner Architecture was selected as coordinating architect. Additional consultants were brought on board throughout the process in order to provide potential solutions for various deficiencies. Projects have been and will be packaged in ways that make not only the most fiscal sense, but also in ways that make sense for our district's needs. For example, extensively modifying or removing a ceiling system for the purpose of installing a new fire sprinkler system would be a great opportunity for improving classroom lighting with new, more efficient fixtures with little or no added installation cost.

SCHEDULE

Since its first meeting in March, the CIPC's discussion has focused on projects that were unfunded in past bond elections in addition to deficiencies that have been identified since LPS's last bond in 2002.

The committee members visited the district's facilities in June 2013 in order to familiarize themselves with the district's buildings and the identified needs specific to each site. During this time, the CIPC also identified additional needs as they observed the buildings and considered how site-specific programming could affect the project list.

Discussions at meetings during this process included topics such as Americans with Disabilities Act (ADA) guidelines for accessibility, asbestos abatement, progress being made with various consultants, the results and observations of the site visits, the communication plan, and updates to the Board of Education.

Once deficiencies were identified and verified, they were categorized and assigned a cost estimate. This information is provided in this document for presentation to the Board of Education in August 2013.

Executive Summary

CAPITAL IMPROVEMENT PLANNING COMMITTEE

The Capital Improvement Planning Committee (CIPC) is comprised of a group of individuals from various facets of Littleton Public Schools. In addition to community representation, district representation includes: **Diane Doney**, chief operations officer; **Terry Davis**, director of operations and maintenance; and **Nicole Moyer**, administrative assistant for the chief operations officer. The community representation approved by the Board of Education includes the following categorical areas:

- Architectural/Engineering
- Parent Teacher Organization (PTO) or School Accountability Committee (SAC)
- Construction
- Building/School Administrators
- Community At-Large
- District Accountability Committee (DAC) or Financial Accountability Committee (FAC)

CIPC MEMBERS

Holly Biggers has been an involved LPS parent for the past 12 years at both the school and district levels. Her children have attended Hopkins Elementary School, Sandburg Center for the Sciences, Euclid Middle School, and Heritage High School. She has both chaired and been a member of committees addressing financial, legislative, educational, and accountability issues. Her involvement as a parent also includes participation in programs centered on the arts and gifted and talented services. She has been a business owner for the past seven years.

Charles Cramm has over 25 years of experience working as a consultant managing large capital improvement programs for K–12 school districts in the West and Midwest. He currently provides consulting in leadership and management, interper-

sonal communications, and culture change. He has been involved with LPS both personally and professionally. His daughter and son attended Whitman Elementary School, Goddard Middle School, and Heritage High School. As a consultant, Charles provided program management services for the district's last two bond programs in 1995 and 2002.

JoAnn Gould is a 27-year Littleton resident. She is a graduate of the University of Northern Colorado, where she received her Bachelor of Science and Master of Arts degrees in Public Parks and Recreation Administration. She also studied at Harvard University in the John F. Kennedy School of Government. She is one of only a handful of professionals who have been credentialed as a Certified Parks and Recreation Executive in the country. She currently works for the South Suburban Park and Recreation District, where she is the Director of Recreation and Community Services.

Mary Haas is an advocate for education choice, having previously served on the governing board of Littleton Academy Public Charter School for three years. She is currently the part-time accountant at Littleton Academy and a special education paraprofessional at Runyon Elementary School. Mary and her husband, Jon, have five children including two graduates of Arapahoe High School.

David Lorenz is the Executive Director for the South Suburban Park and Recreation District, with whom LPS partners extensively in the use of fields and facilities.

David Metcalf has four decades of construction management experience and has focused for the last 18 years on K–12 and higher education facilities. He managed the 1995 and 2002 LPS bond programs, and he served on the CIPC for the 2002 bond program. His 34 years in Littleton have featured two terms on the city's planning commission and many years of creativity for Heritage High School's after-prom parties. Both of his grown children are Wilder Elementary School, Goddard Middle School, and Heritage High School graduates. He has two grandchildren who will be attending Sandburg Center for the Sciences.

Executive Summary

Ken Moritz brings several different perspectives to the CIPC. He is currently Director of Human Resources, and prior to this he served as the principal of Heritage High School from 2004–2011. While at Heritage, Ken oversaw the \$15 million transformation of the school. This was the single largest project of the 2002 bond program and resulted in a 70 percent renovation of the original building. His wife is a teacher at Arapahoe High School and they have two students at Sandburg Center for the Sciences. Ken brings the experience he has gained as a former teacher, principal, spouse, and parent to the committee.

Roy Tanner is a licensed architect in Colorado, North Carolina, Mississippi, Illinois, and Oklahoma. He received his Masters of Architecture from the University of Colorado. During his 23-year career as an architect, he has specialized in the planning and design of educational facilities with an emphasis on K–12 buildings. In 1998, Roy helped to establish the firm of Yon Tanner Architecture. Roy has been assisting LPS with capital improvement planning and architectural services on 23 schools and both charter schools over the last 17 years.

Jim Stephens moved into the LPS district in 1999 and began his career as a serial volunteer in 2001. He has served on building and district accountability committees, the Educational Technology Advisory Committee, and the Financial Advisory Committee. Jim’s professional background is in information technology consulting. Jim is married with three children, who attended Lois Lenski Elementary School and Newton Middle School. One is a 2013 graduate of Arapahoe High School, and two will attend Arapahoe in the fall.

Jim Woods and his family have been residents of Littleton since 1984. His daughter is a graduate of Heritage High School and is currently an attorney in St. Paul, MN. Jim was an employee of the City of Littleton for 28 years, and during his tenure he worked on a variety of joint city/school district projects, including infant/toddler program expansion at The Village Preschool, playground renovation at East Elementary, and securing funding for programs under the Greater Littleton

Youth Initiative. He is presently employed part-time with LPS as the district’s Community Outreach Coordinator, focusing on supporting district schools and programs that primarily serve low-income and minority students.

Executive Summary

PROCESS

Objectives

- Collaborative process
- Thorough understanding of district facilities and their needs
- Prioritization process that is consistently equitable
- Cognizant effort to place students first
- Open communication with district and community

Assessment

The assessment of district facilities has been an ongoing process since the 2002 bond program. David Metcalf has worked closely with the O&M team over the past two years to verify needs listed in a project database and to ascertain additional deficiencies throughout the district. They have been diligent in revising this database to make sure there are no duplicates or unnecessary projects listed. This list was presented to the CIPC at its first meeting in March 2013, and it served as the foundation upon which the CIPC has built their work.

After receiving the deficiencies project list, the CIPC members toured each of the district's buildings along with the Director of Operations and Maintenance. Deficiencies were addressed, discussed, and either verified or removed from the list by the CIPC based on the level of need. Once tours were completed, the project database was again revised based on the CIPC's recommendations.

Prioritization

CIPC members further reviewed and prioritized the revised deficiencies list generated from their site visits over the course of several meetings in June and July, 2013. Projects were given a rating of A, B*, B, or C. These ratings reflect the urgency of the project. "A" denotes the highest level of urgency. "B*" was used primarily for the committee during the evaluation process. "B*" meant that the

committee needed more information to prioritize the project correctly. This information was then compiled by David Metcalf, the O&M team, and various consultants. The CIPC prioritized the project accordingly. "B" indicates these projects should be the first ones considered once A-rated projects are completed. "C" projects are, unfortunately, deferred to a later time. This report contains only the "A" list items.

Project Categories

Projects are broken down into the following categories:

- Electrical/Lighting
- Fire Protection/Security
- Flooring
- Interior
- Mechanical and HVAC
- Plumbing/Restrooms
- Program/Space Needs
- Roofing
- Sites/Grounds/Irrigation/Asphalt
- Structural/Windows
- Technology Infrastructure

Report

The CIPC Report is a compilation of all of the projects and/or deficiencies reviewed and validated by the committee. The report was submitted to the Board of Education on August 8, 2013, and along with the CIPC's recommendation, is scheduled for Board approval at the second Board of Education meeting in August.

Executive Summary

SUMMARY

The district has maintained facilities to the best of its ability, but requires additional funding for projects that will ensure an extended useful life for its buildings.

The CIPC agrees this is needed in order to continue providing a safe learning environment for students and to provide a valuable education that will prepare students for the jobs of the future.

The CIPC recommends an investment of \$80 million, which would achieve the following:

- The heating system, including boiler replacement, would be upgraded in all buildings, where required.
- The building ventilation systems would be improved, where required.
- Roofing that needs replacement or repair would be completed.
- Asphalt and concrete needing replacement or repair would be completed.
- Older, energy-inefficient windows would be replaced.
- Building security and fire alarm systems would be improved to meet current codes and standards.
- Older, inefficient light fixtures would be retrofitted or replaced.
- Non-compliant (ADA) and deteriorating restrooms and plumbing fixtures would be repaired or replaced.
- Worn out carpeting and cracked tile flooring would be replaced.
- Technology infrastructure would be enhanced to support increased use of technology throughout the district.
- Power and electrical equipment and system upgrades would be completed.
- Space and programming needs would be addressed.

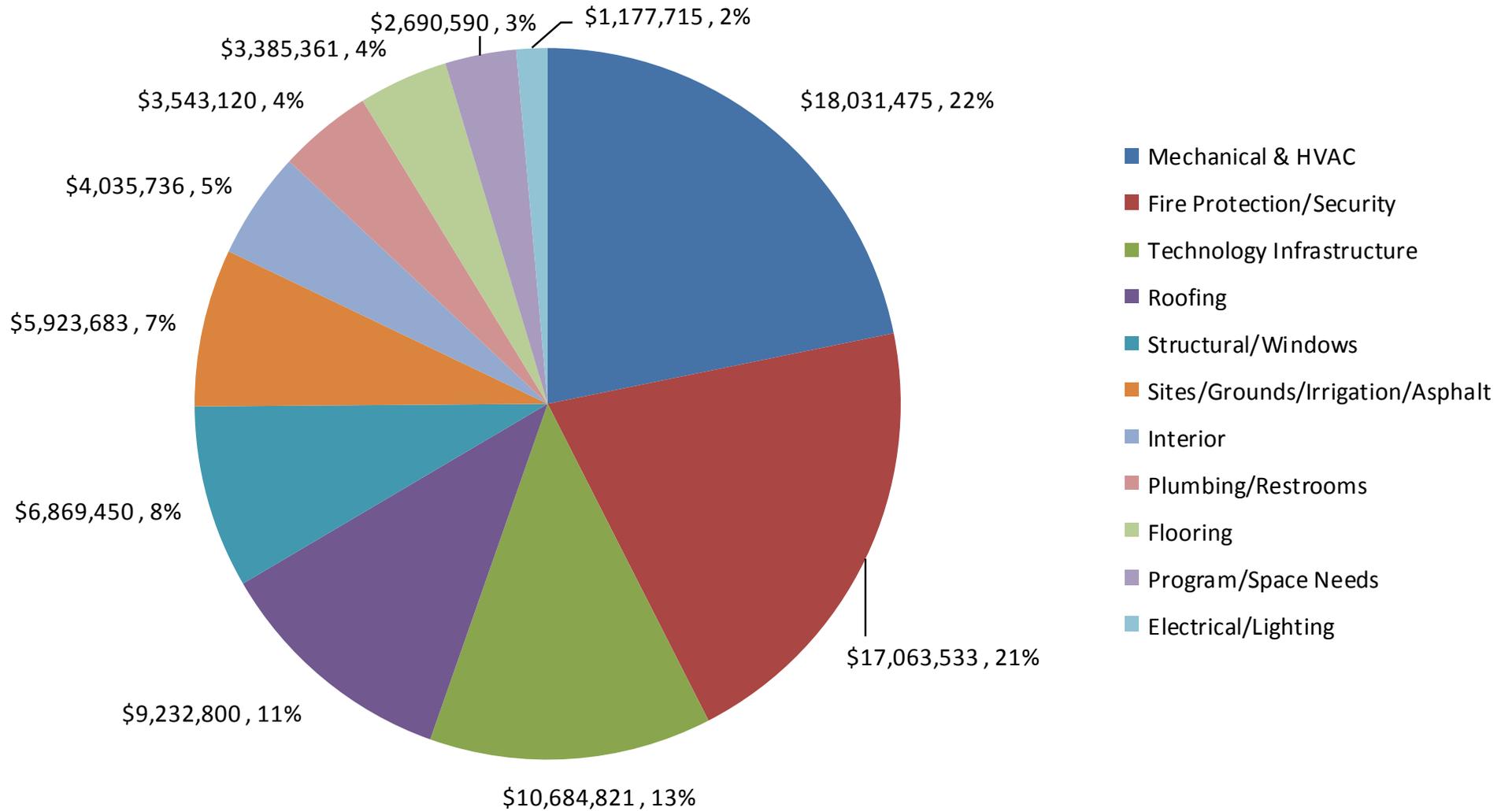
RECOMMENDATIONS

Electrical/Lighting	\$	885,500.00
Fire Protection/Security	\$	12,829,724.00
Flooring	\$	2,545,384.00
Interior	\$	3,034,388.00
Mechanical and HVAC	\$	13,557,500.00
Plumbing/Restrooms	\$	2,664,000.00
Program/Space Needs	\$	2,023,000.00
Roofing	\$	6,941,955.00
Sites/Grounds/Irrigation/Asphalt	\$	4,453,897.00
Structural/Windows	\$	5,165,000.00
Technology Infrastructure	\$	8,033,700.00
Subtotal	\$	62,134,048.00
Estimated non-construction costs*	\$	20,504,236.00
Total	\$	82,638,284.00

*Please note that the following pages do not include the non-construction costs, which include program management expenses and allowances for project-centered permits, testing, architectural and engineering design fees, hazmat abatement, inflation, and contingency.

Executive Summary

RECOMMENDED PROJECT COST AND PERCENTAGE BY CATEGORY



Total: \$ 82,638,284

Executive Summary

FINANCIAL PLAN

Every capital improvement program needs a solid capital plan for implementation. The Financial Advisory Committee and district administration worked with financial advisors to develop a financial plan to support the work proposed to update and repair the capital needs identified by the Capital Improvement Planning Committee.

Funding Alternative for Capital Needs

The Financial Advisory Committee explored three alternatives for meeting the identified capital construction needs:

1. Pursuit of additional bonding authority,
2. Issuing of Certificates of Participation (COP) paid out of the General Fund, or
3. Pay-As-You-Go Financing.

This section of the Capital Improvement Planning Committee Report presents an overview of the capital financing tools available to the district, the requirements of each financing technique along with discussion of its application within the district, and the limitations associated with each approach.

A. General Obligation Bonds

The most frequently used technique to fund capital improvements in Colorado school districts involves the issuance of general obligation bonds, and is often referred to as debt financing. These bonds are secured by the full faith and credit of a district as evidenced by a promise to levy *ad valorem* “property” taxes at the rate necessary to pay principal and interest due on the bonds. General obligation bonds require voter approval prior to their issuance.

General obligation bonds have been used to purchase land, to finance new construction of school buildings and related facilities, to reconstruct or expand existing facilities and to retro-fit buildings to meet new facility requirements,

such as technology programs and compliance with federal mandates.

Typically, general obligation bonds are amortized over a 20- to 25-year time frame. This is generally consistent with the useful life of improvements financed by the bonds. Once authorized, bonds may be issued in one or more series depending upon a variety of factors such as construction schedules and interest rates.

Colorado schools are allowed to issue general obligation debt up to an amount equal to 20 percent of a district’s assessed value. Littleton Public Schools would be permitted to have outstanding, as much as, \$264 million in general obligation bonds. Deducting LPS’ current outstanding debt results in a legal capacity for new debt of approximately \$194 million.

The reasons debt financing in the form of General Obligation Bonds are used are:

1. Reduced current payments – a reduced annual charge for a facility, in the form of annual debt service, makes projects more affordable over time as opposed to the full payment at the time of acquisition.
2. Build as needed – there is greater opportunity and flexibility to acquire and construct improvements as needed since the project need not be fully funded at the time of acquisition or construction. More can be accomplished with an earlier time frame.
3. Intergenerational equity – each generation of users of a facility should be obligated to pay a fair economic rent for the use of the facilities that it enjoys. Distribution of costs among generations is best achieved in a pay-as-you-use approach.
4. Repayment in cheaper dollars – the time value of money allows for repayment of bonds in cheaper dollars.

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An issue often considered in a capital financing program is the ability to re-finance or restructure existing debt to manage the overall tax burden in the community.

In 2010, Littleton Public Schools refinanced a portion of the existing 2002 general obligation bonds at a lower interest rate. The lower rates (5.2 percent down to 2.94 percent) reduced the overall future repayment costs more than \$5 million, and the restructured payment schedule enhanced the district's ability to issue additional bonds in 2013 or thereafter.

B. Certificates of Participation

Certificates of Participation do not require voter approval but the debt payments must be paid from the Operational General Fund, unlike General Obligation Bonds that have a funding stream from a dedicated property tax. The interest costs on an \$80 million Certificate of Participation lease purchase agreement would be \$4 to \$5 million dollars more over the life of the lease than general obligation bonds due to a 50 basis points difference in interest rates. The annual payment cost of \$6.5 million would further strain existing resources at a higher interest expense.

C. Pay-As-You-Go Financing

Pay-as-you-go financing normally comes from the Capital Reserve Fund that is funded by a transfer from the General Operating Fund. The furnishing of buildings, purchase of technology devices, replacement of busses and other minor capital needs and related expenses are examples of pay-as-you-go financing.

Some of the arguments in favor of the pay-as-you-go financing are:

1. Fiscal responsibility – the community is forced to confront the fiscal realities resulting from a requirement to pay cash to fund capital projects. This forces prioritization and results in financing only the most essential projects.

2. Flexibility – the community may gain flexibility due to no long-term debt obligations.
3. Reduced interest expense – if capital projects are paid for with available cash, the community will save substantial amounts on interest expense.

Conclusion

When considering a plan of financing the capital improvements for the district, the Financial Advisory Committee came to the following conclusions:

1. The district has capacity because of an earlier refinancing of existing debt to issue \$80 million dollars in bonds **without a tax rate increase**.
2. Interest rates are at an all-time low.
3. The district does not have any surplus of ongoing revenue to pledge or commit for payments for a certificate of participation/lease financing of any significant size without classroom budget cuts.
4. The district has significant legal debt margin available to support an \$80 million bond issue.

Because of the urgent need for numerous capital improvement projects and for the above mentioned reasons, the Financial Advisory Committee and the Capital Improvement Planning Committee recommend a Bond Election to raise \$80 million for Littleton Public Schools to fund the capital projects identified in this report.

District-Wide Improvements

Issue	Category	Category Cost
Replace light switches with motion sensors	Electrical/Lighting	\$50,000
Fire suppression system upgrades per code	Fire Protection/Security	
Miscellaneous security parts and inventory	Fire Protection/Security	
Convert security technology from analog to IP-based	Fire Protection/Security	
Add/replace interior and exterior cameras	Fire Protection/Security	
Enhance access control/monitoring and emergency response alarms	Fire Protection/Security	
Upgrade access control workstations and motion detectors	Fire Protection/Security	\$2,538,500
Carpet and floor repair	Flooring	\$75,000
Interior and exterior door replacement	Interior	
Warehouse master plan remodel (with freezer) for Nutrition Services capacity increase	Interior	
Cooling for all dry food storage areas	Interior	\$1,493,700
Energy management and controls	Mechanical & HVAC	
Add isolation valves and bypass piping to boilers	Mechanical & HVAC	
HVAC system controls upgrade	Mechanical & HVAC	\$475,000
Concrete and asphalt repair	Sites/Grounds/Irrigation/Asphalt	
Landscape/irrigation systems	Sites/Grounds/Irrigation/Asphalt	
Playground/campus refurbishment and repairs	Sites/Grounds/Irrigation/Asphalt	\$1,140,000
Environmental response - asbestos	Structural/Windows	
Energy-efficient window replacement	Structural/Windows	
ADA compliance modifications	Structural/Windows	
Probable hazmat in ceilings where fire sprinklers are to be retrofitted	Structural/Windows	\$2,760,000
Information Technology Infrastructure	Technology Infrastructure	\$8,003,700
Total		\$16,535,900

The Village for Early Childhood Education

Built in 1949

Projected enrollment for 2013-2014: 291 preschoolers

Serves children age 3-5



Category	Budget
Electrical/Lighting	\$ 67,000
Fire Protection/Security	\$ 423,188
Flooring	\$ 22,272
Interior	\$ 28,800
Mechanical & HVAC	\$ 275,000
Roofing	\$ 184,553
Sites/Grounds/Irrigation/Asphalt	\$ 12,965
Total*	\$ 1,013,778

*Total does not include district-wide projects or non-construction (contingency) costs.

The Village for Early Childhood Education was built 64 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



The Village for Early Childhood Education Breakdown

Year of Request	Issue	Category
2004	Replace/add parking lot lights (upper and lower lots)	Electrical/Lighting
2008	Replace gym lighting	Electrical/Lighting
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and doesn't meet code	Fire Protection/Security
2012	Replace and abate carpet in select rooms	Flooring
2012	ADA countertops	Interior
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt

Centennial Academy of Fine Arts Education

Built in 1958

Projected Enrollment for 2013-2014: 536 students

Capacity: 574 students

Special Programs: Fine Arts Education



Category	Budget
Electrical/Lighting	\$ 9,000
Fire Protection/Security	\$ 470,503
Flooring	\$ 126,024
Mechanical & HVAC	\$ 687,500
Plumbing/Restrooms	\$ 20,000
Program/Space Needs	\$ 250,000
Roofing	\$ 380,798
Sites/Grounds/Irrigation/Asphalt	\$ 163,971
Total*	\$ 2,107,796

*Total does not include district-wide projects or non-construction (contingency) costs.



Centennial Academy was built 55 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair or replace playground "play pad" surface;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*
- ◆ *Repair or replace failing science lab equipment.*

Centennial Academy of Fine Arts Education Breakdown

Year of Request	Issue	Category
2005	Replace 3 electrical panels	Electrical/Lighting
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2005	Replace and abate carpet in select rooms	Flooring
2012	Replace carpet and abate in additional rooms	Flooring
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2013	Replace all primary HVAC equipment with remaining effective life of less than 10 years	Mechanical & HVAC
2011	Replace evaporative cooler in teachers' break room	Mechanical & HVAC
2011	Replace 2.5 inch water main	Plumbing/Restrooms
2007	Music/programming space deficiency	Program/Space Needs
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2005	Front asphalt replacement	Sites/Grounds/Irrigation/Asphalt
2005	Resurface west playpads	Sites/Grounds/Irrigation/Asphalt
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2011	Fix issue of water pooling at east main entry	Sites/Grounds/Irrigation/Asphalt

Centennial Academy of Fine Arts Education History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none">• Add four new classrooms• Add school-age childcare / multi-purpose facility• New boilers and stacks• Add air conditioning• Correct corridor exhaust / relief system• Upgrade electrical system• Upgrade fire alarm system• New playground equipment• Install wheelchair ramp at entrance• Upgrade restroom faucets	<ul style="list-style-type: none">• Fire alarm / schematic designs upgrade• Security upgrade• Sitework: add parking and separate bus / parent drop-offs	<ul style="list-style-type: none">• 2001: Carpet / flooring replacement• 2001: New kitchen door• 2005: Playground refurbishing• 2006: Asphalt and concrete replacement• 2009: Correct water drainage• 2010: Plumbing upgrades• 2010: Security upgrades

East Elementary School

Built in 1955

Projected Enrollment for 2013-2014: 285 students

Capacity: 361 students

Special Programs: English Language Acquisition



East Elementary School was built 58 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms;*
- ◆ *Repair drainage;*
- ◆ *Repair or replace failing lighting;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Replace gym flooring;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*

Category	Budget
Electrical/Lighting	\$ 75,000
Fire Protection/Security	\$ 264,541
Flooring	\$ 73,600
Mechanical & HVAC	\$ 330,000
Plumbing/Restrooms	\$ 64,000
Sites/Grounds/Irrigation/Asphalt	\$ 106,518
Total*	\$ 913,659

*Total does not include district-wide projects or non-construction (contingency) costs.



East Elementary School Breakdown

Year of Request	Issue	Category
2009	Replace gym lighting	Electrical/Lighting
2009	Install sensors in all classrooms, gym, library, etc.	Electrical/Lighting
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2012	Replace gym flooring	Flooring
2012	Replace and abate carpet in select areas	Flooring
2008	Replace old computer room rooftop unit	Mechanical & HVAC
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2013	Replace all primary HVAC equipment with remaining effective life of less than 10 years	Mechanical & HVAC
2010	Remodel primary restrooms to ADA specifications	Plumbing/Restrooms
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2010	Re-design north drop-off area drainage	Sites/Grounds/Irrigation/Asphalt

East Elementary School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements
<ul style="list-style-type: none">• Replace windows• Remodel office and clinic area with new HVAC• Add alcoves and new door hardware• New ceiling / asbestos removal• Add walk-in freezer with alarm• Replace boiler• Add air conditioning• Correct corridor exhaust / relief system• Upgrade electrical system• Replace lighting• Upgrade fire alarm system• Correct outdoor drainage problems• Install access ramp at west entrance• Install access ramp at kindergarten entrance	<ul style="list-style-type: none">• Roofing• Fire alarm / schematic designs upgrade• Security upgrade• Sitework: new parent drop-off, parking, drainage / resurfacing	<ul style="list-style-type: none">• 2001: Carpet / flooring replacement• 2005: Replace kitchen floor• 2006: Playground refurbishing• 2008: Drainage improvements• 2010: Security upgrades

Eugene Field Elementary School

Built in 1952

Projected Enrollment for 2013-2014: 417 students

Capacity: 617 students

Special Programs: English Language Acquisition



Field Elementary School was built 61 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms;*
- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace ventilation systems;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*

Category	Budget
Electrical/Lighting	\$ 25,000
Fire Protection/Security	\$ 621,379
Mechanical & HVAC	\$ 500,000
Plumbing/Restrooms	\$ 248,000
Roofing	\$ 32,738
Sites/Grounds/Irrigation/Asphalt	\$ 42,567
Total*	\$ 1,469,684

*Total does not include district-wide projects or non-construction (contingency) costs.



Eugene Field Elementary School Breakdown

Year of Request	Issue	Category
2010	Add 4 electrical distribution panels	Electrical/Lighting
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2007	Refurbish staff restrooms	Plumbing/Restrooms
2007	Refurbish boys' and girls' restrooms	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Fix drainage issue at new corner of parking lot	Sites/Grounds/Irrigation/Asphalt
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt

Eugene Field Elementary School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Add four new classrooms • Addition to media center • Replace windows • Add air conditioning • Correct corridor exhaust / relief and doors • Upgrade electrical system • Upgrade fire alarm system • Playground drainage, surface, and equipment • Add ramps to inaccessible areas • New walk-in freezer with alarm 	<ul style="list-style-type: none"> • Roofing • Fire alarm / schematic designs upgrade • Security upgrade • Sitework: revise parking and bus / parent drop-off, improve drainage 	<ul style="list-style-type: none"> • 2001: Carpet / flooring replacement • 2006: Replace hallway tile • 2006: Playground refurbishing • 2006: Asphalt and concrete replacement • 2008: Drainage improvements • 2009: Replace classroom flooring • 2010: Security upgrades • 2013: Drainage repair by NE portable

Benjamin Franklin Elementary School

Built in 1963

Projected Enrollment for 2013-2014: 536 students

Capacity: 610 students



Category	Budget
Electrical/Lighting	\$ 30,000
Fire Protection/Security	\$ 372,377
Interior	\$ 15,000
Mechanical & HVAC	\$ 633,000
Plumbing/Restrooms	\$ 70,000
Roofing	\$ 275,700
Sites/Grounds/Irrigation/Asphalt	\$ 62,102
Total*	\$ 1,458,179

*Total does not include district-wide projects or non-construction (contingency) costs.

Franklin Elementary School was built 50 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms;*
- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Benjamin Franklin Elementary School Breakdown

Year of Request	Issue	Category
2010	Add 3 power distribution panels	Electrical/Lighting
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2006	Replace outside doors and frames by kindergarten	Interior
2007	Replace rooftop unit in pod area	Mechanical & HVAC
2012	Add reheat coils and radiant ceiling panels at media center, with sensor and control	Mechanical & HVAC
2012	Add split unit to condition server room	Mechanical & HVAC
2013	Replace all primary HVAC equipment with remaining effective life of less than 10 years	Mechanical & HVAC
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2012	No ADA-compliant restrooms	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2010	Correct the drainage problem on the north playground gravel area	Sites/Grounds/Irrigation/Asphalt

Benjamin Franklin Elementary School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Add canopies—northwest entrance and room 12 • Replace windows • Additional heat in kindergarten rooms • Add air conditioning • Correct corridor exhaust / relief and doors • Service unit ventilators; add rooftop exhaust fans • Upgrade electrical system • Upgrade fire alarm system • Re-grade north / northwest entrance to playground • Add fence along playground on Franklin • Plant grass on primary play field • Upgrade playground equipment • Remodel two restrooms • New walk-in refrigerator with alarm 	<ul style="list-style-type: none"> • Main office addition • Roofing • Security upgrade • Sitework: improve drainage, new walks around building 	<ul style="list-style-type: none"> • 2001: Fire alarm upgrades • 2001: Carpet / flooring replacement • 2001: Renovate primary restrooms • 2005: Bell system • 2006: Playground refurbishing • 2008: Carpet and tile flooring replacement • 2008: ADA drinking fountains in hallways • 2010: Remove partitions from four rooms; replace with solid walls • 2010: Relocate computer room to library • 2010: Re-carpet, complete ceiling, and repaint library • 2010: Purchase additional classroom amplification system • 2010: Security upgrades • 2013: Building exterior paint • 2013: Replace floor tiles in K hallway

Highland Elementary School

Built in 1958

Projected Enrollment for 2013-2014: 357 students

Capacity: 577 students



Category	Budget
Electrical/Lighting	\$ 25,000
Fire Protection/Security	\$ 288,482
Flooring	\$ 140,340
Interior	\$ 35,000
Mechanical & HVAC	\$ 675,000
Plumbing/Restrooms	\$ 100,000
Roofing	\$ 375,135
Sites/Grounds/Irrigation/Asphalt	\$ 50,261
Structural/Windows	\$ 5,000
Total*	\$ 1,694,218

*Total does not include district-wide projects or non-construction (contingency) costs.

Highland Elementary School was built 55 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms;*
- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Improve accessibility at the main entrance;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Highland Elementary School Breakdown

Year of Request	Issue	Category
2007	Install additional outlets building-wide	Electrical/Lighting
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and doesn't meet code	Fire Protection/Security
2012	Replace and abate carpet select rooms	Flooring
2004	New doors for west entrance	Interior
2007	Replace countertops in select rooms	Interior
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2010	Remodel core and classroom restrooms	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2006	Special surface for wheelchair accessibility on K/1 playground	Structural/Windows

Highland Elementary School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Expand library • Expand computer area and add research area • Replace windows • Add walk-in freezer / refrigerator with alarms • Replace boiler • Add air conditioning • Correct corridor exhaust / relief and doors • Eliminate odors from ducts • Upgrade electrical system • Upgrade fire alarm system • Correct drainage south and west • Re-grade / sod at northeast corner and entry • Replace playground equipment • Remodel two restrooms 	<ul style="list-style-type: none"> • Fire alarm / schematic design upgrades • Security upgrade • Sitework: new bus drop-off lane on Panama; new sidewalks 	<ul style="list-style-type: none"> • 2001: Carpet / flooring replacement • 2001: Concrete / asphalt repair • 2006: Air quality upgrades • 2005: Playground refurbishing • 2008: Carpet and tile replacement • 2010: Security upgrades • 2012: Replace carpet (stage floor) • 2013: Replace roof sections B and D

Mark Hopkins Elementary School

Built in 1962

Projected Enrollment for 2013-2014: 311 students

Capacity: 423 students



Category	Budget
Electrical/Lighting	\$ 15,000
Fire Protection/Security	\$ 346,052
Flooring	\$ 240,456
Mechanical & HVAC	\$ 725,000
Plumbing/Restrooms	\$ 155,000
Roofing	\$ 446,503
Sites/Grounds/Irrigation/Asphalt	\$ 15,460
Total*	\$ 1,943,471

*Total does not include district-wide projects or non-construction (contingency) costs.

Hopkins Elementary School was built 51 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms;*
- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Replace worn carpet;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Mark Hopkins Elementary School Breakdown

Year of Request	Issue	Category
2007	Add electrical circuits in select corridors	Electrical/Lighting
2013	Extend fire sprinklers throughout building, including necessary upgrades to existing systems	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2006	Resurface stage	Flooring
2011	Replace and abate carpet in select classrooms	Flooring
2012	Replace and abate carpet in select rooms	Flooring
2012	Replace and abate carpet in media center and outside restrooms	Flooring
2008	Install rooftop unit for SACC office	Mechanical & HVAC
2008	Install rooftop unit for staff lunch room	Mechanical & HVAC
2008	Install rooftop unit for PE office	Mechanical & HVAC
2008	Install rooftop unit for counseling office	Mechanical & HVAC
2012	Replace classroom unit ventilators	Mechanical & HVAC
2007	Replace remaining old flush valves	Plumbing/Restrooms
2010	Remodel all core and classroom restrooms	Plumbing/Restrooms
2011	Replace remaining old windows in building	Roofing
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt

Mark Hopkins Elementary School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Vestibules at main and kindergarten entrances • Replace windows and add window coverings • Remodel kindergarten entrance • Install one elevator • Add air conditioning • Correct corridor exhaust / relief • Revise outside air intake in media center • Upgrade electrical system • Upgrade fire alarm system • Replace playground surface • Replace railings • New lighting in gym • Install two ADA lifts • New playground equipment • Provide set of accessible restrooms • New walk-in freezer with alarm 	<ul style="list-style-type: none"> • Roofing • Fire alarm / schematic design upgrades • Security upgrade • Sitework: correct drainage and paving / landscaping north of building 	<ul style="list-style-type: none"> • 2005: Restroom upgrades • 2006: Air quality upgrades • 2010: Security upgrades • 2012: Replace carpet (hall at lunchroom exit)

Lois Lenski Elementary School

Built in 1979

Projected Enrollment for 2013-2014: 557 students

Capacity: 597 students



Category	Budget
Electrical/Lighting	\$ 20,000
Fire Protection/Security	\$ 222,488
Flooring	\$ 122,544
Mechanical & HVAC	\$ 100,000
Plumbing/Restrooms	\$ 80,000
Roofing	\$ 37,605
Sites/Grounds/Irrigation/Asphalt	\$ 28,713
Structural/Windows	\$ 30,000
Total*	\$ 641,350

*Total does not include district-wide projects or non-construction (contingency) costs.



Lois Lenski Elementary School was built 34 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms;*
- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*

Lois Lenski Elementary School Breakdown

Year of Request	Issue	Category
2007	Need additional outlets throughout building	Electrical/Lighting
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and doesn't meet code	Fire Protection/Security
2012	Replace and abate carpet in select rooms	Flooring
2008	Replace/refurbish fan-powered boxes	Mechanical & HVAC
2011	Replace wash basins in restrooms	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2005	Install acoustical insulation in literacy room	Structural/Windows
2012	Replace ADA ramp at portables	Structural/Windows

Lois Lenski Elementary School History

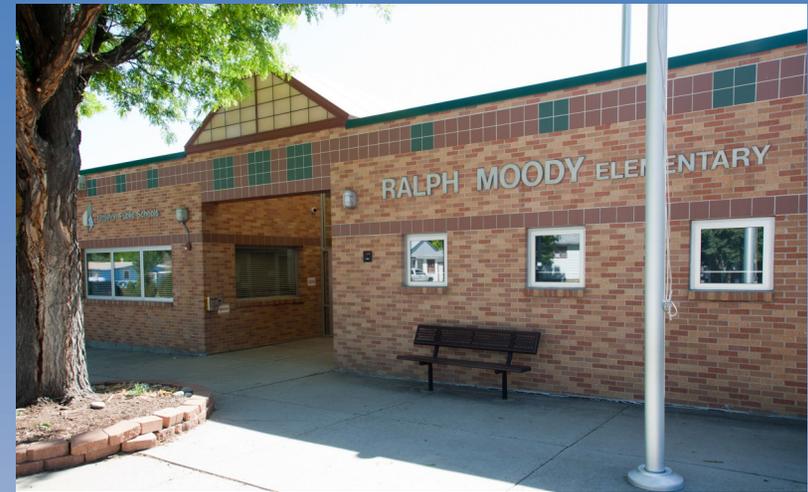
1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none">• Enlarge cafeteria• Remodel media center and computer lab• Renovate cooling systems• Add ceiling fans in classrooms• Add electrical outlets in classrooms• Upgrade fire alarm system• Remodel two restrooms	<ul style="list-style-type: none">• Carpet and flooring• Roofing• Fire alarm / schematic design upgrades• Security upgrade	<ul style="list-style-type: none">• 2001: Fire alarm upgrades• 2001: Carpet and flooring replacement• 2006: Dry well (west playground)• 2006: Playground refurbishing• 2008: Replace flush valves on urinals• 2010: Re-carpet library walk areas• 2010: Re-flash under HVAC to repair leak• 2010: Security upgrades

Ralph Moody Elementary School

Built in 1953

Projected Enrollment for 2013-2014: 404 students

Capacity: 425 students



Category	Budget
Fire Protection/Security	\$ 350,887
Flooring	\$ 40,020
Interior	\$ 15,000
Mechanical & HVAC	\$ 725,000
Plumbing/Restrooms	\$ 20,000
Roofing	\$ 64,493
Sites/Grounds/Irrigation/Asphalt	\$ 181,749
Structural/Windows	\$ 10,000
Total*	\$ 1,407,149

*Total does not include district-wide projects or non-construction (contingency) costs.

Ralph Moody Elementary School was built 60 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Replace failing playpad on playground;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Ralph Moody Elementary Breakdown

Year of Request	Issue	Category
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and doesn't meet code	Fire Protection/Security
2012	Replace and abate carpet in select rooms	Flooring
2011	Replace failing white skin boards	Interior
2005	Replace air handler, as well as piping, controls, and duct work (north end)	Mechanical & HVAC
2006	Replace original cafeteria unit ventilators	Mechanical & HVAC
2008	All redundant chill water pumps are incorrectly sized	Mechanical & HVAC
2008	Replace programmable thermostats in rooms 7 and 8 with networked controls	Mechanical & HVAC
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2007	Renovate staff bathrooms	Plumbing/Restrooms
2011	Renovate restrooms between K1 and daycare 2	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace asphalt playpad (has wide cracks and is deteriorating)	Sites/Grounds/Irrigation/Asphalt
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2007	Replace windows in main hall student restrooms	Structural/Windows

Ralph Moody Elementary School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Add two new classrooms • Replace windows • Remodel offices, clinic, and kitchen • New domestic water piping • New steam boiler • Add air conditioning • Ventilation / cooling in media center and two classrooms • Correct corridor exhaust / relief and doors • Upgrade electrical system • Upgrade fire alarm system • Remodel two restrooms 	<ul style="list-style-type: none"> • Carpet and flooring • Roofing • Security upgrade 	<ul style="list-style-type: none"> • 2001: Carpet / flooring replacement • 2002: Fire alarm upgrades • 2006: Fill entryway recess in floors • 2006: Playground refurbishing • 2010: Replace classroom flooring in two classrooms • 2010: Plumbing upgrades • 2010: Remodel office area to create principal's office • 2010: Security upgrades • 2011: Various mechanical projects • 2011: Replace galvanized risers in classrooms • 2013: Installation of sidewalk north of building

Peabody Elementary School

Built in 1961

Projected Enrollment for 2013-2014: 406 students

Capacity: 503 students



Category	Budget
Electrical/Lighting	\$ 50,000
Fire Protection/Security	\$ 269,920
Flooring	\$ 33,420
Mechanical & HVAC	\$ 670,000
Plumbing/Restrooms	\$ 10,000
Roofing	\$ 362,918
Sites/Grounds/Irrigation/Asphalt	\$ 39,194
Total*	\$ 1,435,452

*Total does not include district-wide projects or non-construction (contingency) costs.

Peabody Elementary School was built 52 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Replace worn flooring and carpet, including necessary asbestos abatement;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Peabody Elementary School Breakdown

Year of Request	Issue	Category
2009	Upgrade main electrical distribution panels	Electrical/Lighting
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2012	Replace and abate carpet in select areas	Flooring
2008	Replace overhead unit vent in kitchen	Mechanical & HVAC
2012	Replace classroom unit ventilators	Mechanical & HVAC
2009	Need sanitary line clean out, 2-way in grass area to northeast of building	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt

Peabody Elementary School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none">• Build additional storage• Replace windows• Add walk-in freezer/refrigerator with alarm• Add air conditioning• Correct corridor exhaust / relief and louvers• Upgrade electrical system• Upgrade fire alarm system• Reconfigure parking lot• Plant grass west and east• Phase II playground renovation• Replace play equipment	<ul style="list-style-type: none">• Fire alarm / schematic design upgrades• Security upgrades	<ul style="list-style-type: none">• 2006: Replace kindergarten entry storefront and doors• 2008: Music room HVAC upgrades• 2008: Barrier between bus drop-off and parent pick-up• 2010: Replace flooring in four classrooms• 2010: Security upgrades

Damon Runyon Elementary School

Built in 1969

Projected Enrollment for 2013-2014: 461 students

Capacity: 521 students



Category	Budget
Electrical/Lighting	\$ 16,500
Fire Protection/Security	\$ 389,460
Flooring	\$ 73,044
Interior	\$ 18,000
Mechanical & HVAC	\$ 182,000
Plumbing/Restrooms	\$ 50,000
Roofing	\$ 70,245
Sites/Grounds/Irrigation/Asphalt	\$ 26,127
Structural/Windows	\$ 939,000
Total*	\$ 1,764,376

*Total does not include district-wide projects or non-construction (contingency) costs.

Runyon Elementary School was built 44 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair or replace failing roofing;*
- ◆ *Repair failing trusses;*
- ◆ *Repair or replace attic insulation;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Damon Runyon Elementary School Breakdown

Year of Request	Issue	Category
2006	Replace all kitchen lights with new; replace can trims in library	Electrical/Lighting
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2012	Replace and abate carpet in select rooms	Flooring
2011	Paint exterior of building	Interior
2001	Update and insulate HVAC in main office	Mechanical & HVAC
2008	Radiant heat in kitchen	Mechanical & HVAC
2011	Replace all exhaust fans	Mechanical & HVAC
2013	Replace all primary HVAC equipment with remaining useful life of less than 10 years	Mechanical & HVAC
2007	Replace all flushometers in toilets and urinals	Plumbing/Restrooms
2011	Replace sanitary manhole	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2011	Add attic insulation	Structural/Windows
2012	Truss/roof repair	Structural/Windows
2013	Asbestos in floors and ceiling impedes other work and increases costs; abate	Structural/Windows

Damon Runyon Elementary School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Build storage space for PACE • Enclose patio area • Replace windows and add window coverings • Remodel and expand administration offices • Replace flooring in restrooms • Add air conditioning • Replace furnaces • Upgrade electrical system • Upgrade fire alarm system • Stabilize south playground wall • Re-grade and replace sidewalks • Playground surface and equipment • New walk-in freezer / refrigerator with alarm 	<ul style="list-style-type: none"> • Roofing • Fire alarm / schematic design upgrades • Security upgrade 	<ul style="list-style-type: none"> • 2006: Playground refurbishing • 2008: New rooftop HVAC unit in library • 2009: Replace front entrance furnace • 2010: Security upgrades • 2012: Replace carpet in gym • 2013: Some truss repair

Carl Sandburg Center for the Sciences

Built in 1967

Projected Enrollment for 2013-2014: 482 students

Capacity: 566 students



Category	Budget
Fire Protection/Security	\$ 357,406
Flooring	\$ 53,214
Mechanical & HVAC	\$ 635,000
Program/Space Needs	\$ 240,000
Roofing	\$ 327,120
Sites/Grounds/Irrigation/Asphalt	\$ 48,895
Structural/Windows	\$ 165,000
Total*	\$ 1,826,635

*Total does not include district-wide projects or non-construction (contingency) costs.

Sandburg Elementary School was built 46 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Replace worn gym floor;*
- ◆ *Replace failing ceiling tile, including necessary asbestos abatement;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Carl Sandburg Center for the Sciences Breakdown

Year of Request	Issue	Category
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and doesn't meet code	Fire Protection/Security
2007	Replace gym flooring	Flooring
2012	Replace carpet in select rooms	Flooring
2011	Replace air handling unit in gym	Mechanical & HVAC
2011	Replace air handling unit in Phizog wing	Mechanical & HVAC
2011	Replace air handling unit in Rutabaga wing	Mechanical & HVAC
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2013	Replace all primary HVAC equipment with remaining useful life of less than 10 years	Mechanical & HVAC
2012	Science lab addition	Program/Space Needs
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2007	Replace and abate ceiling tile in select rooms	Structural/Windows

Carl Sandburg Center for the Sciences History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none">• Add four new classrooms, relocate office area• Replace windows in resource center• Provide window coverings• Add air conditioning• Correct corridor exhaust / relief system• Upgrade electrical system• Upgrade fire alarm system• Add ADA lifts• Replace play equipment	<ul style="list-style-type: none">• Roofing• Fire alarm / schematic design upgrades• Security upgrade	<ul style="list-style-type: none">• 2001: Roofing project• 2001: Carpet and flooring replacement• 2001: Concrete and asphalt repair• 2005: Security gate upgrade• 2006: Replace classroom ballasts and lights• 2006: Replace classroom windows• 2010: Security upgrades• 2013: ADA sidewalk installation

Mark Twain Elementary School

Built in 1972

Projected Enrollment for 2013-2014: 354 students

Capacity: 451 students



Category	Budget
Electrical/Lighting	\$ 62,000
Fire Protection/Security	\$ 284,373
Mechanical & HVAC	\$ 160,000
Plumbing/Restrooms	\$ 156,000
Roofing	\$ 28,718
Sites/Grounds/Irrigation/Asphalt	\$ 81,079
Total*	\$ 772,170

*Total does not include district-wide projects or non-construction (contingency) costs.

Twain Elementary School was built 41 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms;*
- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Repair or replace failing lighting;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Repair concrete;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Mark Twain Elementary School Breakdown

Year of Request	Issue	Category
2007	Replace electrical distribution panels	Electrical/Lighting
2010	Replace classroom and hallway lighting	Electrical/Lighting
2007	Replace ANSUL system	Fire Protection/Security
2013	Extend fire sprinklers throughout building, including necessary upgrades to existing systems	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2010	Install reheat coils for offices surrounding the media center	Mechanical & HVAC
2013	Replace all primary HVAC equipment with remaining useful life of less than 10 years	Mechanical & HVAC
2010	Repair and remodel all core restrooms	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2006	Add sidewalk on southeast side from golf course to existing walk	Sites/Grounds/Irrigation/Asphalt
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2009	Replace concrete in several areas	Sites/Grounds/Irrigation/Asphalt

Mark Twain Elementary School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Add vestibules at main and west entrances • Roof overflow drains and downspouts • Replace windows • Add walls / mechanical systems in classrooms • Replace water-damaged carpet • Add air conditioning • Replace furnaces • Upgrade electrical system • Upgrade fire alarm system • Correct drainage, sidewalk, and trench • Add ADA lift • New playground equipment • Remodel two restrooms 	<ul style="list-style-type: none"> • Roofing • Fire alarm / schematic design upgrades • Security upgrade • Sitework: new parent drop-off loop and parking; improve drainage 	<ul style="list-style-type: none"> • 2008: ADA drinking fountains in hallways • 2010: Security upgrades • 2012: Remove asbestos tile in five classrooms • 2012: Replace carpet in five classrooms • 2013: Playpad asphalt repair

Laura Ingalls Wilder Elementary School

Built in 1974

Projected Enrollment for 2013-2014: 635 students

Capacity: 603 students



Category	Budget
Electrical/Lighting	\$ 15,000
Fire Protection/Safety	\$ 335,915
Flooring	\$ 168,876
Interior	\$ 10,000
Mechanical & HVAC	\$ 45,000
Roofing	\$ 15,570
Sites/Grounds/Irrigation/Asphalt	\$ 87,420
Structural/Windows	\$ 15,000
Total*	\$ 692,781

*Total does not include district-wide projects or non-construction (contingency) costs.

Wilder Elementary School was built 39 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Repair failing drainage;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Repair flooring, which includes worn carpet replacement;*
- ◆ *Replace failing stage partitions;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Laura Ingalls Wilder Elementary School Breakdown

Year of Request	Issue	Category
2004	Replace metal halide lights to T8s	Electrical/Lighting
2005	KED rooms need additional electrical outlets	Electrical/Lighting
2008	Replace lighting in kindergarten area	Electrical/Lighting
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2012	Replace and abate carpet in select rooms and media center	Flooring
2005	Reface stage partitions	Interior
2008	Replace main office rooftop units; add reheats	Mechanical & HVAC
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2004	Grass at southwest play area continues to deteriorate year after year	Sites/Grounds/Irrigation/Asphalt
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2010	Drainage connections all around site	Sites/Grounds/Irrigation/Asphalt
2012	Mudjack north hallway from SACC manager's office to library	Structural/Windows

Laura Ingalls Wilder Elementary School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Add two new classrooms • Repair exterior soffits • Repair exterior entryways • Remodel teacher workstations • Relocate / remodel offices and entrance area • Replace heating and ventilating units • Upgrade electrical system • New sidewalks, curbs, gutters, and drainage • Replace balance of play equipment • Remodel two restrooms 	<ul style="list-style-type: none"> • Roofing • Fire alarm / schematic design upgrades • Security upgrade • Enclosed / remodeled open classrooms 	<ul style="list-style-type: none"> • 2001: Carpet and flooring replacement • 2005: Restroom upgrades • 2006: Playground refurbishing • 2008: Carpet and tile flooring replacement • 2010: Air quality upgrades • 2010: Add downspouts to low gutter areas • 2010: Security upgrades • 2013: Exterior door paint and stucco repair • 2013: Abatement and replacement of tile

Euclid Middle School

Built in 1959

Projected Enrollment for 2013-2014: 737 students

Capacity: 888 students



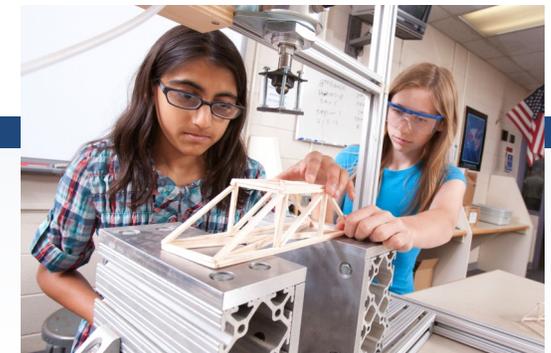
Category	Budget
Electrical/Lighting	\$ 40,000
Fire Protection/Security	\$ 443,944
Flooring	\$ 204,142
Interior	\$ 44,000
Mechanical & HVAC	\$ 1,315,000
Plumbing/Restrooms	\$ 338,000
Roofing	\$ 581,948
Sites/Grounds/Irrigation/Asphalt	\$ 136,197
Structural/Windows	\$ 50,000
Total*	\$ 3,153,231

*Total does not include district-wide projects or non-construction (contingency) costs.

Euclid Middle School turns 54 this year! Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Make repairs in restrooms throughout the school;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Improve accessibility at the main entrance;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair and upgrade electrical systems;*
- ◆ *Replace worn carpet;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Euclid Middle School Breakdown

Year of Request	Issue	Category
2010	Replace electrical distribution panels	Electrical/Lighting
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2013	Extend fire sprinklers throughout building	Fire Protection/Security
2005	Replace and abate carpet in select rooms	Flooring
2011	Replace and abate carpet in select rooms	Flooring
2012	Replace and abate carpet in select rooms	Flooring
2004	Room partition room 90/92	Interior
2011	Replace interior doors to gymnasium	Interior
2008	Rewire/rezone heating pumps	Mechanical & HVAC
2008	Replace rooftop units for old counseling area	Mechanical & HVAC
2008	Replace rooftop units for music area	Mechanical & HVAC
2008	Office radiant piping separated for reheats	Mechanical & HVAC
2008	Repipe lower west hallway piping	Mechanical & HVAC
2013	Replace primary HVAC equipment with remaining effective life of less than 10 years	Mechanical & HVAC
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2004	Remove and replace floor drain in boys bathroom across from gym	Plumbing/Restrooms
2005	Renovate select restrooms, including ADA-required upgrades	Plumbing/Restrooms
2012	Divide adult and student bathrooms in the 90s	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2010	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2004	Wheelchair accessibility to main entrance	Structural/Windows

Euclid Middle School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Replace steps to entry with ramp • Add three new classrooms • Remodel and expand media center • Expand cafeteria • Replace windows • Remodel administration area • Add staff restrooms • Replace two boilers • Add air conditioning • Correct corridor exhaust / relief and doors • Upgrade electrical system • Upgrade fire alarm system • Install grass and irrigation and playfields • Install one ADA lift in west wing • Remodel one restroom • New walk-in freezer with alarm 	<ul style="list-style-type: none"> • Roofing • Fire alarm / schematic designs upgrade • Security upgrade • Gym floor • Sitework: new play / social area separate from bus drop-off 	<ul style="list-style-type: none"> • 2001: Roofing project • 2001: Replace bleacher safety railings • 2005: Restroom upgrades • 2005: Gymnasium lighting • 2006: Replace boys' locker room carpet with tile • 2006: Replace existing classroom partition • 2006: Asphalt / concrete replacement • 2008: Carpet and tile flooring replacement • 2008: Security improvements • 2008: Renovate one set of student restrooms • 2009: Replace classroom flooring • 2009: Replace stage partition door • 2010: Security upgrades • 2013: Mud jack LMC main entry and main areas

Goddard Middle School

Built in 1968

Projected Enrollment for 2013-2014: 716 students

Capacity: 826 students



Category	Budget
Electrical/Lighting	\$ 54,000
Fire Protection/Security	\$ 624,653
Flooring	\$ 232,556
Interior	\$ 75,000
Mechanical & HVAC	\$ 425,000
Roofing	\$ 38,108
Sites/Grounds/Irrigation/Asphalt	\$ 193,920
Structural/Windows	\$ 108,000
Total*	\$ 1,751,237

*Total does not include district-wide projects or non-construction (contingency) costs.

Goddard Middle School was built 45 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace heating, cooling, and ventilation systems, including the replacement of a boiler;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Repair or replace failing lighting;*
- ◆ *Repair or replace worn hallway tile;*
- ◆ *Replace worn gym floor;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Goddard Middle School Breakdown

Year of Request	Issue	Category
2006	Replace 2 electrical panels	Electrical/Lighting
2007	Replace kitchen lights	Electrical/Lighting
2010	Add 2 pole lights to circle driveway/parking area close to main entrance	Electrical/Lighting
2013	Extend fire sprinklers throughout building, including necessary upgrades to existing systems	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2010	Replace flooring in small gym	Flooring
2011	Replace rails in ramp areas	Flooring
2012	Replace tile in hallways	Flooring
2012	Replace and abate carpet in select classrooms	Flooring
2010	Replace stage door panels	Interior
2010	Replace bleachers in the main gym	Interior
2004	Replace boiler	Mechanical & HVAC
2005	Install rooftop unit for library/computer lab	Mechanical & HVAC
2008	New heating pumps and isolation of valves for rooftop units	Mechanical & HVAC
2013	Replace all primary HVAC equipment with remaining effective life of less than 10 years	Mechanical & HVAC
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2010	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2011	Replace concrete at main entrance	Sites/Grounds/Irrigation/Asphalt
2007	Ensure structural integrity of front entrance and repair crack in outside wall	Structural/Windows
2011	Add ADA ramp to challenge course	Structural/Windows

Goddard Middle School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Add science lab for 6th grade • Remodel science classrooms • Construct fire-break walls in attic • Replace three rooftop HVAC units • Correct corridor exhaust / relief system • Upgrade electrical system • Upgrade fire alarm system • Replace sidewalks and drainage pan • Resurface gym ceiling • Install railing along sidewalk • Install one ADA lift • Install wheelchair access where required • Remodel four restrooms • New walk-in freezer with alarm 	<ul style="list-style-type: none"> • Roofing • Tennis courts • Fire alarm / schematic designs upgrade • Security upgrade • Gym floor • Sitework: new concrete stairs and walks north of building 	<ul style="list-style-type: none"> • 2001: Roofing project • 2001: Asphalt and concrete replacement • 2009: Replace concrete slabs • 2009: Replace leaking section of roof • 2009: Add pump station to irrigation system • 2010: Resurface tennis courts • 2010: Security upgrades • 2011: Replace gym lights • 2013: Replace parking lot stairs • 2013: Soffit and fascia repair and paint

Isaac Newton Middle School

Built in 1962

Projected Enrollment for 2013-2014: 595 students

Capacity: 1,025 students



Category	Budget
Electrical/Lighting	\$ 80,000
Fire Protection/Security	\$ 716,125
Flooring	\$ 134,832
Interior	\$ 26,000
Mechanical & HVAC	\$ 1,125,000
Roofing	\$ 328,170
Sites/Grounds/Irrigation/Asphalt	\$ 247,501
Structural/Windows	\$ 175,000
Total*	\$ 2,832,628

*Total does not include district-wide projects or non-construction (contingency) costs.

Newton Middle School was built 51 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Improve accessibility at the main entrance;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Isaac Newton Middle School Breakdown

Year of Request	Issue	Category
2007	Replace 10 electrical distribution panels	Electrical/Lighting
2013	Extend fire sprinklers throughout building, including necessary upgrades to existing systems	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and doesn't meet code	Fire Protection/Security
2012	Replace and abate carpet in select rooms	Flooring
2010	Add new door to main office for better visibility and security (south side)	Interior
2012	Replace doors at northwest and northeast stairwells	Interior
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2010	Re-landscape where trees were removed near skate park	Sites/Grounds/Irrigation/Asphalt
2009	Add elevator to assist wheelchair-bound students	Structural/Windows
2012	ADA ramp at main entrance	Structural/Windows

Isaac Newton Middle School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Replace sewer line to Arapahoe Road • Add ramp at entry • Remodel / add to media center • Replace windows and add window coverings • Remodel administrative area • Replace gym floor • Replace walls / operable partitions • Add hot water boiler • Add air conditioning • Correct corridor exhaust / relief and doors • Upgrade electrical system • Upgrade fire alarm system • Replace drainage pan at tennis court • Resurface sprayed ceilings with acoustic tile • Replace lighting in gym and cafeteria • New walk-in freezer with alarm 	<ul style="list-style-type: none"> • Roofing • Tennis courts • Fire alarm / schematic designs upgrade • Security upgrade 	<ul style="list-style-type: none"> • 2006: Refinish gym floor • 2008: New HVAC unit for fitness area • 2009: Reconstruct east parking lot • 2010: Replace flooring in two classrooms • 2010: Replace hallway lighting • 2010: Security upgrades • 2011: Crawl space ventilation

John Wesley Powell Middle School

Built in 1981

Projected Enrollment for 2013-2014: 860 students

Capacity: 874 students



Category	Budget
Fire Protection/Security	\$ 653,230
Flooring	\$ 130,836
Interior	\$ 28,000
Mechanical & HVAC	\$ 15,000
Plumbing/Restrooms	\$ 250,000
Roofing	\$ 16,808
Sites/Grounds/Irrigation/Asphalt	\$ 254,338
Structural/Windows	\$ 97,000
Total*	\$ 1,445,212

*Total does not include district-wide projects or non-construction (contingency) costs.

Powell Middle School was built 32 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms and locker rooms;*
- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Repair failing sewer system;*
- ◆ *Repair or replace failing windows;*
- ◆ *Replace worn carpet;*
- ◆ *Resurface worn track;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



John Wesley Powell Middle School Breakdown

Year of Request	Issue	Category
2013	Extend fire system throughout building, including necessary upgrades to existing systems	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2012	Replace and abate carpet in select classrooms	Flooring
2012	Stairwell ceiling from main hall to cafeteria needs replaced	Interior
2012	Motorized blinds in cafeteria (too high to reach w/o ladder)	Interior
2010	Install split A/C unit for computer server room in the main office	Mechanical & HVAC
2007	Gravity drain sewer system	Plumbing/Restrooms
2010	Refurbish all core restrooms and locker rooms	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2012	Re-grade north path (drainage issue)	Sites/Grounds/Irrigation/Asphalt
2012	Track resurfacing	Sites/Grounds/Irrigation/Asphalt
2006	Structural shifting on northeast side of building	Structural/Windows
2009	Replace windows on slant elevation	Structural/Windows
2012	Kalwall replacement south elevation	Structural/Windows

John Wesley Powell Middle School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Add two new classrooms • Build loading dock and storage room • Enlarge PACE room • Replace windows and add window coverings • Replace walls and add moveable partitions • Replace solar panels and skylights • Add independent HVAC unit in office area • New rooftop exhaust fans • Upgrade electrical power in media center • New clock system • Resurface tennis courts • Replace damaged carpet at lower level 	<ul style="list-style-type: none"> • Roofing • Gym floor • Upgraded main entrance • Media center remodel • Fire alarm / schematic designs upgrade • Security upgrade 	<ul style="list-style-type: none"> • 2001: Air quality improvements • 2006: Plumbing upgrades • 2006: Roof catwalks for access to HVAC • 2006: Asphalt and concrete replacement • 2008: New HVAC unit at music room • 2008: Replace domestic water lines in crawl space • 2010: Air quality upgrades • 2010: Replace broken exterior wall panels • 2010: Security upgrades • 2013: Tennis court resurfacing • 2013: Science lab eyewash installation

Arapahoe High School

Built in 1964

Projected Enrollment for 2013-2014: 2,135 students

Capacity: 2,220 students



Category	Budget
Electrical/Lighting	\$ 70,000
Fire Protection/Security	\$ 1,194,087
Flooring	\$ 94,140
Mechanical & HVAC	\$ 990,000
Plumbing/Restrooms	\$ 623,000
Roofing	\$ 1,113,203
Sites/Grounds/Irrigation/Asphalt	\$ 418,897
Structural/Windows	\$ 135,000
Total*	\$ 4,638,327

*Total does not include district-wide projects or non-construction (contingency) costs.

Arapahoe High School turns 50 this year! Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms throughout the school;*
- ◆ *Repair or replace heating, cooling, and ventilation systems in the cafeteria;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Improve accessibility;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Arapahoe High School Breakdown

Year of Request	Issue	Category
2007	Replace old distribution panels	Electrical/Lighting
2012	Replace lights above seating area and pool	Electrical/Lighting
2012	Add cameras at select locations	Fire Protection/Security
2013	Extend fire sprinklers throughout building, including necessary upgrades to existing systems	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2012	Replace carpet in select rooms	Flooring
2004	Replace boys' locker room air handling unit	Mechanical & HVAC
2004	Replace upper gym air handling unit	Mechanical & HVAC
2005	Replace kitchen unit HVAC	Mechanical & HVAC
2005	Replace cafeteria HVAC	Mechanical & HVAC
2005	Replace and/or improve existing HVAC system in office, including zone control, reheat coils, etc.	Mechanical & HVAC
2007	Replace lower gym air handling unit	Mechanical & HVAC
2007	Replace chiller/tower pumps	Mechanical & HVAC
2007	Replace core area rooftop units	Mechanical & HVAC
2007	Extend supply air duct in main gym	Mechanical & HVAC
2007	Add glycol to chilled water system	Mechanical & HVAC
2007	Replace band area rooftop unit	Mechanical & HVAC
2007	Replace building exhaust fans	Mechanical & HVAC
2010	Evaporative cooling in main gym	Mechanical & HVAC
2011	Repipe heat system in band hall mechanical room	Mechanical & HVAC
2011	Replace science reheat coil pump valves	Mechanical & HVAC
2011	Replace science reheat coil valves with direct digital control	Mechanical & HVAC
2011	Replace controls compressor	Mechanical & HVAC
2011	Add exhaust fan to concession stand	Mechanical & HVAC
2011	Replace backstage H/V unit	Mechanical & HVAC
2011	Repipe heat system and pumps in upper gym mechanical room	Mechanical & HVAC
2013	Replace all primary HVAC equipment with remaining effective life of less than 10 years	Mechanical & HVAC

Arapahoe High School Breakdown

Year of Request	Issue	Category
2004	Replace water closets and flush valves in select restrooms	Plumbing/Restrooms
2004	Replace fixtures and valves; remodel for ADA accessibility in select staff restrooms	Plumbing/Restrooms
2010	Replace all waste and vent line-T-hall boys' and girls' restrooms	Plumbing/Restrooms
2011	Replace plumbing fixtures in girls' locker room and pool locker room	Plumbing/Restrooms
2011	Repair T-hall women's restroom	Plumbing/Restrooms
2012	Remodel restrooms at commons for ADA compliance	Plumbing/Restrooms
2012	Repair girls' varsity locker room	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2009	Replace irrigation system	Sites/Grounds/Irrigation/Asphalt
2012	Concrete docks, ramps, curbs, and guttered sidewalks on east side are crumbling	Sites/Grounds/Irrigation/Asphalt
2004	Mudjack trophy case hall and north hall	Structural/Windows
2009	Wheelchair access on north side of bleachers	Structural/Windows

Arapahoe High School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Add 100-seat lecture hall • Remodel east entrance • Remodel selected classrooms • Remodel special education classrooms • Remodel / upgrade media center • New coaches' offices and training room • New lockers / remodel boys' locker room • Install one elevator • Two hot water tanks in athletic area • Independent air conditioning in counseling area • Cooling tower for HVAC • Replace rooftop HVAC units for classrooms • Replace HVAC units for tech labs • Correct corridor exhaust / relief system • Replace fiberglass ducts and plenum wiring • Upgrade electrical system • Install theatre / stage dimmer panel • Upgrade fire alarm system • Install two ADA lifts 	<ul style="list-style-type: none"> • Roofing • Tennis courts • All-weather tracks • New auxiliary gym and locker room addition • Fire alarm / schematic design upgrades • Security upgrades • Sitework: add parking; re-pave lot and bus loop; new irrigation tap 	<ul style="list-style-type: none"> • 2001: Concrete / asphalt repair • 2001: Locker room hot water tank • 2001: Swimming pool repairs • 2006: Plumbing upgrades • 2006: Air quality upgrades • 2008: Plumbing upgrades • 2008: Replace casework in 26 classrooms • 2008: Replace Bradley sinks in west restrooms • 2008: Replace science safety shower plumbing fixtures • 2009: Rooftop HVAC unit for heating/cooling counseling area • 2009: New exhaust fans in main gym • 2009: Replace additional casework in classrooms • 2010: Replace lighting in main gym • 2010: Install backstop on baseball field • 2010: Security upgrades

Heritage High School

Built in 1972

Projected Enrollment for 2013-2014: 1,659 students

Capacity: 1,986 students



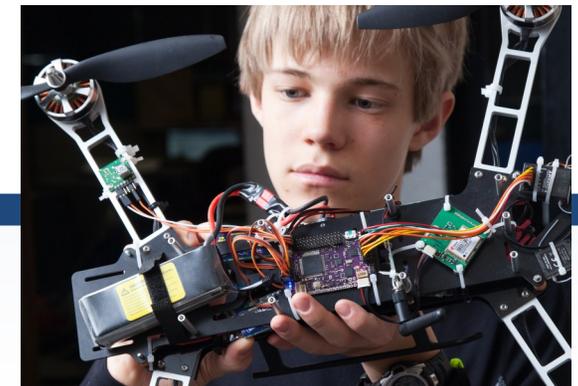
Category	Budget
Electrical/Lighting	\$ 10,000
Fire Protection/Security	\$ 25,000
Flooring	\$ 50,000
Interior	\$ 60,000
Mechanical & HVAC	\$ 345,000
Roofing	\$ 773,100
Sites/Grounds/Irrigation/Asphalt	\$ 254,981
Structural/Windows	\$ 80,000
Total*	\$ 1,598,081

*Total does not include district-wide projects or non-construction (contingency) costs.

Heritage High School was built 41 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Repair or replace failing lighting;*
- ◆ *Replace worn gym floor;*
- ◆ *Resurface worn tennis courts;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Heritage High School Breakdown

Year of Request	Issue	Category
2007	Replace lighting in girls' and boys' shower rooms	Electrical/Lighting
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2005	Replace gym floor (including volleyball floor system)	Flooring
2012	Replace and abate carpet in select rooms	Flooring
2008	Replace benches used for seating on the permanent bleachers in main gym	Interior
2011	Refurbish elevator	Interior
2008	Replace wood shop make-up air unit	Mechanical & HVAC
2008	Replace make-up air unit for kitchen	Mechanical & HVAC
2008	Replace HVAC unit for climbing gym (c-gym)	Mechanical & HVAC
2008	Replace dust collector unit	Mechanical & HVAC
2010	Replace air handling units 1 and 2	Mechanical & HVAC
2010	Add cooling plate heat exchanger	Mechanical & HVAC
2011	Replace exhaust fans building-wide	Mechanical & HVAC
2011	Replace lower gym H/V unit	Mechanical & HVAC
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2005	Add zones to irrigation system for soccer fields	Sites/Grounds/Irrigation/Asphalt
2007	Reconfigure student lot to allow ADA parking at new ramp to baseball field	Sites/Grounds/Irrigation/Asphalt
2010	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2012	Resurface tennis courts	Sites/Grounds/Irrigation/Asphalt
2007	Install fume hoods in art rooms	Structural/Windows

Heritage High School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Enclose rooms 207 and 209 • Renovate South Suburban locker rooms • Remodel department offices • Create multi-media production center • Replace floor tile in pool area • Replace partitions / doors in six rooms • Replace stage curtains • Protect sprinkler heads in lower gym • New boiler for pool and domestic hot water • Air condition rooms 119 and 120 • Replace ABS with chiller and cooling tower • Correct corridor exhaust / relief system • Upgrade electrical system • New lighting in classrooms and lecture halls • Install dimmer controls in theatre • Upgrade fire alarm system • Develop two acres for athletic field • New curb-cut south of driveway • Resurface main gym ceiling • Aluminum seating at athletic fields • Stabilize tennis courts 	<ul style="list-style-type: none"> • Overall building renovation • New auxiliary gym • Roofing • Tennis courts • All-weather tracks • Fire alarm / schematic design upgrades • Security upgrades • Sitework: add parking; re-pave lot and bus loop; new irrigation tap 	<ul style="list-style-type: none"> • 2001: Concrete / asphalt repair • 2001: Locker room hot water tank • 2001: Swimming pool repairs • 2006: Plumbing upgrades • 2006: Air quality upgrades • 2008: Plumbing upgrades • 2008: Replace casework in 26 classrooms • 2008: Replace Bradley sinks in west restrooms • 2008: Replace science lab plumbing fixtures • 2009: Rooftop HVAC unit for heating/cooling counseling area • 2009: New exhaust fans in main gym • 2009: Replace remaining casework in classrooms • 2010: Replace lighting in main gym • 2010: Install backstop on baseball field • 2010: Security upgrades • 2013: Track resurfacing

Littleton High School

Built in 1956

Projected Enrollment for 2013-2014: 1,302 students

Capacity: 1,935 students



Littleton High School was built 57 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Overall theatre refurbishment/remodel;*
- ◆ *New wrestling/dance complex;*
- ◆ *Repair or replace outdated electrical systems;*
- ◆ *Repair or replace heating, cooling, and ventilation systems, which includes replacing the original boiler;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Replace worn carpet;*
- ◆ *Repair failing pool liner;*
- ◆ *Replace tennis courts;*
- ◆ *Upgrade identified learning space to accommodate STEM programs;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*

Category	Budget
Electrical/Lighting	\$ 115,000
Fire Protection/Security	\$ 1,186,152
Flooring	\$ 176,000
Interior	\$ 190,000
Mechanical & HVAC	\$ 1,230,000
Program/Space Needs	\$ 1,320,000
Roofing	\$ 622,118
Sites/Grounds/Irrigation/Asphalt	\$ 524,667
Structural/Windows	\$ 90,000
Total*	\$ 5,453,937

*Total does not include district-wide projects or non-construction (contingency) costs.



Littleton High School Breakdown

Year of Request	Issue	Category
2007	Update electrical panels throughout the building	Electrical/Lighting
2008	Retrofit lighting in theatre area	Electrical/Lighting
2011	Replace fire sprinklers and backflow preventer at stage area	Fire Protection/Security
2013	Extend fire sprinklers throughout building, including necessary upgrades to existing systems	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2009	Abatement of stage office and hall area; re-carpet and tile	Flooring
2011	Replace tile in select science rooms	Flooring
2012	Replace theatre carpeting	Flooring
2012	Replace and abate carpet in select rooms	Flooring
2007	Replace sinks and cupboard in backstage area	Interior
2011	Install fire-rated doors at stairwells with magnetic holders	Interior
2012	Re-plaster pool	Interior
2004	Replace 2 main boilers	Mechanical & HVAC
2008	Rooftop unit for tech arts area	Mechanical & HVAC
2010	Replace fan boxes and controls in media center and forum	Mechanical & HVAC
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2013	Replace all primary HVAC equipment with remaining useful life of less than 10 years	Mechanical & HVAC
2004	Rework student advisory area for better privacy; relocate faculty work room	Program/Space Needs
2005	English Language Acquisition space	Program/Space Needs
2012	Relocate unsafe wrestling room to new wrestling/dance complex	Program/Space Needs
2012	Remodel freshmen academy area	Program/Space Needs
2012	Full theatre refurbishment	Program/Space Needs
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2004	Replace tennis courts	Sites/Grounds/Irrigation/Asphalt
2010	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt
2012	Replace ADA lift at east entrance	Structural/Windows

Littleton High School History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • Enlarge cafeteria / student commons • Replace windows and window coverings • Remodel main entrance • Remodel east entrance • Remodel boys' locker rooms • Remodel teacher workrooms • Replace main gym floor • Replace chlorination system and deck tiles • Add hot water tank • Air condition library and computer lab • Correct corridor exhaust / relief and doors • Upgrade electrical system • Replace lighting in media center • Repair bleachers in north gym • Add drinking fountains at each level • Rebuild tennis courts • Install two ADA lifts • Remodel four restrooms • Larger walk-in freezer with alarm 	<ul style="list-style-type: none"> • Locker room remodel • Roofing • Carpet and flooring • Security upgrades 	<ul style="list-style-type: none"> • 2001: Fire alarm upgrades • 2001: Renovate girls' shower / locker room • 2006: Air quality improvements • 2006: Replace carpet in science office • 2006: Replace electrical panels • 2008: Add clay traps to drain system in art room • 2009: Refinish north main gym floor • 2010: Air quality upgrades • 2010: Replace lighting in main gym • 2010: Resurface tennis courts • 2010: Security upgrades • 2012: Replace fume hoods • 2012: Sand floor in south gym • 2013: Stucco repair, building paint, greenhouse repair • 2013: Baseball field fencing expansion • 2013: Roof replacement (sections G and H)

Options Pathways Alternative Secondary Program (OPA)

Built in 1960

Projected enrollment for 2013-2014: 165 students

*Serves at-risk secondary students
in an alternative setting*



Category	Budget
Fire Protection/Security	\$ 117,574
Flooring	\$ 29,024
Program/Space Needs	\$ 155,000
Roofing	\$ 81,713
Sites/Grounds/Irrigation/Asphalt	\$ 19,517
Total*	\$ 402,828

*Total does not include district-wide projects or non-construction (contingency) costs.



Options School was built 53 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Replace storage shed with greenhouse;*
- ◆ *Replace worn carpet;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*

OPA Breakdown

Year of Request	Issue	Category
2013	Extend fire sprinklers throughout building, including necessary upgrades to existing systems	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2006	Replace carpet in downstairs hallway with vinyl composition tile (VCT)	Flooring
2012	Replace and abate carpet in select rooms	Flooring
2009	Remodel office area, including repairing staff restroom	Program/Space Needs
2010	Remove/demolish old art house; install shed for storage	Program/Space Needs
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2013	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt

OPA History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none">• Replace Acoma Street building• New building furnishings and equipment	<ul style="list-style-type: none">• Security upgrades	<ul style="list-style-type: none">• 2001: Concrete and asphalt repair• 2002: Fire alarm upgrades• 2005: Air quality improvements• 2006: Concrete and asphalt replacement• 2009: Replace flooring in restrooms• 2013: Fence addition

Littleton Academy Charter School

Built in 1989; Renovated in 1995

Charter school opened in 1996

Projected K-8 enrollment for 2013-2014: 464 students



Category	Budget
Fire Protection/Security	\$ 102,838
Mechanical & HVAC	\$ 220,000
Plumbing/Restrooms	\$ 110,400
Program/Space Needs	\$ 27,000
Roofing	\$ 125,650
Sites/Grounds/Irrigation/Asphalt	\$ 11,600
Technology Infrastructure	\$ 30,000
Total*	\$ 627,488

*Total does not include district-wide projects or non-construction (contingency) costs.

Littleton Academy Public Charter School opened in 1996 as one of the first charter schools in Colorado, and they own their 24-year-old building. LPS shares in the success of Littleton Academy as the charter school's authorizer. As a public school, Littleton Academy must meet all of the codes and requirements that all public schools must meet. They were awarded a BEST grant in 2013 by the state of Colorado to help fund the HVAC upgrading and roof repair that their facility requires.

As part of a matching-fund program, passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Repair roofing;*
- ◆ *Upgrade the HVAC system;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Littleton Academy Breakdown

Issue	Category
Fire alarm system old and needs replacing	Fire Protection/Security
Add fire sprinklers throughout building	Fire Protection/Security
Security upgrades needed	Fire Protection/Security
HVAC system old and unreliable; LPS matching funds for BEST grant	Mechanical & HVAC
Restrooms need upgrading	Plumbing/Restrooms
Add nurse's office	Program/Space Needs
Roof on original building needs replacing; LPS matching funds for BEST grant	Roofing
Correct sidewalk drainage issues at front	Sites/Grounds/Irrigation/Asphalt
Exterior gas and electric service entries are accessible to students	Sites/Grounds/Irrigation/Asphalt
Need technology upgrades throughout	Technology Infrastructure

Littleton Preparatory Charter School

Built in 1962; Charter school opened in 1998

Moved to current facility for 2013-2014 school year

Projected K-8 enrollment for 2013-2014: 607 students

Projected Pre-K enrollment for 2013-2014: 32 students



Category	Budget
Electrical/Lighting	\$ 32,000
Fire Protection/Security	\$ 20,000
Flooring	\$ 19,200
Plumbing/Restrooms	\$ 3,200
Sites/Grounds/Irrigation/Asphalt	\$ 63,000
Total*	\$ 137,400

*Total does not include district-wide projects or non-construction (contingency) costs.



Littleton Preparatory Charter School is celebrating their 15th year as LPS's second charter school. Littleton Preparatory purchased their 45-year-old building in 2013. LPS is Littleton Preparatory's authorizer and shares in their success. As a public charter school, Littleton Preparatory must meet all of the codes and requirements that all public schools must meet.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair parking lot surface;*
- ◆ *Resurface hallway floors;*
- ◆ *Refurbish existing security equipment;*
- ◆ *Improve exterior lighting for security;*
- ◆ *Upgrade some plumbing.*

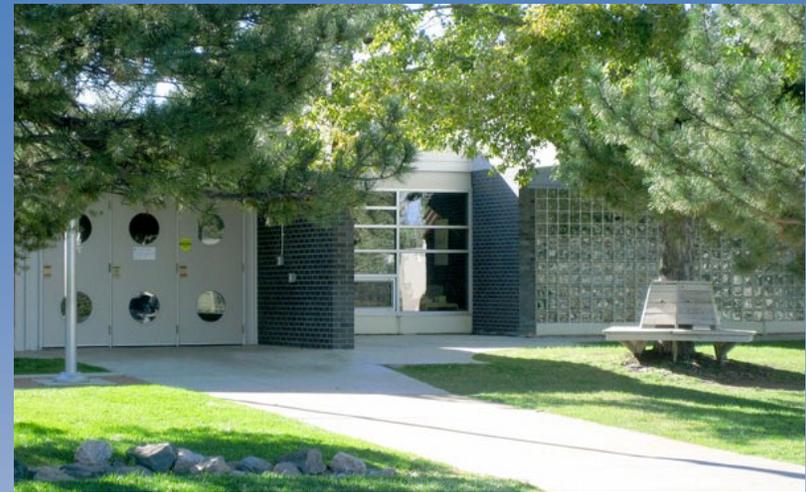
Littleton Preparatory Breakdown

Issue	Category
Increase exterior lighting	Electrical/Lighting
Refurbish existing security devices	Fire Protection/Security
Corridor floor finish will be exposed concrete with clear sealer	Flooring
Add sinks to 6th grade science room	Plumbing/Restrooms
Repair parking lot	Sites/Grounds/Irrigation/Asphalt

Ames Facility

*Ames Elementary School built in 1963;
Repurposed as “Ames Facility” in 2009*

*Home to Sandburg Preschool, Teacher Cadet Program, Health
Science Technology Program, Meals on Wheels,
and Learning Resource Center*



Category	Budget
Electrical/Lighting	\$ 7,000
Fire Protection/Security	\$ 12,000
Flooring	\$ 149,000
Interior	\$ 15,000
Mechanical & HVAC	\$ 725,000
Plumbing/Restrooms	\$ 164,000
Roofing	\$ 426,735
Sites/Grounds/Irrigation/Asphalt	\$ 46,945
Total*	\$ 1,545,680

*Total does not include district-wide projects or non-construction (contingency) costs.

The Ames facility was built 50 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today’s learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members’ tax rates:

- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing irrigation systems;*
- ◆ *Repair or replace failing electrical systems;*
- ◆ *Replace worn carpet, including necessary asbestos abatements;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Ames Facility Breakdown

Year of Request	Issue	Category
2006	Replace all old electrical panels throughout building	Electrical/Lighting
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2004	Replace carpet in several rooms	Flooring
2011	Replace and abate carpet in several rooms	Flooring
2012	Replace carpet in front of classroom sinks with vinyl composition tile in select rooms	Flooring
2012	Replace operable wall between rooms 21 and 22	Interior
2008	Kitchen requires a new make-up air unit	Mechanical & HVAC
2008	Replace main office rooftop unit; add reheat coils	Mechanical & HVAC
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2006	Replace grease trap (not code-compliant)	Plumbing/Restrooms
2011	Replace sanitary waste vents in select rooms	Plumbing/Restrooms
2012	Update kindergarten bathrooms per ADA specifications	Plumbing/Restrooms
2012	Roof repairs	Roofing
2007	Replace irrigation system	Sites/Grounds/Irrigation/Asphalt

Ames Facility History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none"> • New office facilities at entrance court • Replace windows and add window coverings • Add air conditioning • Correct corridor exhaust/relief system • Upgrade electrical system • Upgrade fire alarm system • Resurface outdoor play areas • Add grass, trees, and irrigation in courtyard • Replace railing in service area • Replace playground equipment • Remodel two restrooms • New walk-in freezer with alarm 	<ul style="list-style-type: none"> • Fire alarm / schematic designs upgrade • Security upgrade • Sitework: correct drainage, re-pave around building 	<ul style="list-style-type: none"> • 2005: Security gate upgrade • 2006: Classroom flooring • 2006: Playground refurbishing • 2006: Asphalt and concrete replacement • 2008: Carpet and tile flooring replacement • 2008: Replace media center lights

Education Services Center

Built in 1920

Houses district administration and support staff



Category	Budget
Electrical/Lighting	\$ 50,000
Fire Protection/Security	\$ 30,000
Interior	\$ 15,000
Mechanical & HVAC	\$ 85,000
Plumbing/Restrooms	\$ 100,000
Roofing	\$ 531,923
Sites/Grounds/Irrigation/Asphalt	\$ 43,006
Total	\$ 854,929

*Total does not include district-wide projects or non-construction (contingency) costs.

The Education Services Center was built 93 years ago! Older facilities require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's instructional requirements, which are preparing students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Upgrade restrooms to meet ADA compliance requirements;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing.*



August 26, 2013



Education Services Center Breakdown

Year of Request	Issue	Category
2010	Replace HID lighting in the warehouse	Electrical/Lighting
2004	Provide intelligent fire work station	Fire Protection/Security
2010	Window coverings need replacement	Interior
2004	Replace all exhaust fans	Mechanical & HVAC
2013	Replace all primary HVAC equipment with remaining effective life of less than 10 years	Mechanical & HVAC
2006	Integrate ESC's fire alarm system with building automation system	Mechanical & HVAC
2012	No ADA-compliant restrooms	Plumbing/Restrooms
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace irrigation system	Sites/Grounds/Irrigation/Asphalt

LPS Stadium

Used for PE classes, activities, athletics, and for ceremonies by Arapahoe, Heritage, and Littleton high schools and all other LPS schools

Home field for all three high schools



Category	Budget
Interior	\$ 6,000
Roofing	\$ 15,990
Sites/Grounds/Irrigation/Asphalt	\$ 137,250
Structural/Windows	\$ 306,000
Total*	\$ 465,240

*Total does not include district-wide projects or non-construction (contingency) costs.

The Littleton Public Schools Stadium was built ?? years ago. Older facilities require repairs and upgrades to keep them functioning, efficient, and safe.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair failing retaining wall;*
- ◆ *Repair or replace failing concrete in bleachers.*



August 26, 2013



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LPS Stadium Breakdown

Year of Request	Issue	Category
2012	Replace 3 garage doors on north concession stand	Interior
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Repair the retaining wall on the south side along Littleton Blvd	Sites/Grounds/Irrigation/Asphalt
2012	Replace drains between track and field	Sites/Grounds/Irrigation/Asphalt
2012	Replace fence on entire site	Sites/Grounds/Irrigation/Asphalt
2012	ADA ramp to the field	Structural/Windows
2012	Replace supporting bleacher concrete	Structural/Windows

Transportation Services Center

Built in 1975

*Houses entire bus fleet, transportation staff,
bus repair bays, and training facilities*



Category	Budget
Interior	\$ 195,000
Mechanical & HVAC	\$ 35,000
Plumbing/Restrooms	\$ 100,000
Program/Space Needs	\$ 188,000
Sites/Grounds/Irrigation/Asphalt	\$ 10,000
Total*	\$ 528,000

*Total does not include district-wide projects or non-construction (contingency) costs.



The Transportation Services Center was built 38 years ago. Older facilities require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today's transportation environment, which safely transports thousands of students each day.

Passing the bond would complete the following projects without increasing community members' tax rates:

- ◆ *Repair restrooms;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Reconfigure work space to maximize efficiency;*
- ◆ *Expand technology infrastructure to support safe, efficient routing system.*

Transportation Services Center Breakdown

Year of Request	Issue	Category
2006	Replace obsolete bus wash	Interior
2010	New cabinets in office and mechanical break room	Interior
2008	Replace main office rooftop unit and duct work	Mechanical & HVAC
2010	Remodel mechanics' and break area restrooms	Plumbing/Restrooms
2011	Reconfigure office area	Program/Space Needs
2011	Remove all grass & irrigation; add new hardscaping	Sites/Grounds/Irrigation/Asphalt

Whitman Facility

Built in 1961

Repurposed as “Whitman Facility” in 2009

Serves secondary students in an alternative setting in the Pathways and Options programs; also home to Littleton Soccer



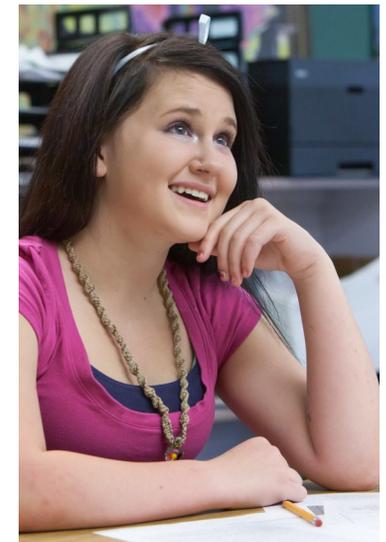
Category	Budget
Fire Protection/Security	\$ 291,490
Flooring	\$ 176,044
Mechanical & HVAC	\$ 450,000
Plumbing/Restrooms	\$ 116,000
Program/Space Needs	\$ 120,000
Roofing	\$ 10,050
Sites/Grounds/Irrigation/Asphalt	\$ 79,658
Total*	\$ 1,243,242

*Total does not include district-wide projects or non-construction (contingency) costs.

Whitman Facility was built 52 years ago. Older schools require repairs and upgrades to keep them functioning, efficient, and safe. A robust technology infrastructure is required to support today’s learning environment, which is preparing our young students to compete and lead in the 21st century workforce.

Passing the bond would complete the following projects without increasing community members’ tax rates:

- ◆ *Repair restrooms;*
- ◆ *Repair or replace heating, cooling, and ventilation systems;*
- ◆ *Repair or replace failing roofing;*
- ◆ *Upgrade fire alarm and fire sprinkler systems;*
- ◆ *Replace worn carpet;*
- ◆ *Upgrade identified learning space to accommodate a science lab;*
- ◆ *Expand technology infrastructure to support a one-to-one learning environment.*



Whitman Facility Breakdown

Year of Request	Issue	Category
2013	Add fire sprinklers throughout building	Fire Protection/Security
2013	Fire alarm system is no longer supported by manufacturer and does not meet code	Fire Protection/Security
2004	Abate and recarpet downstairs classrooms	Flooring
2007	Replace carpet in select rooms with vinyl composition tile	Flooring
2011	Replace carpet in art rooms with tile	Flooring
2012	Replace carpet with tile in select rooms	Flooring
2013	Replace all classroom unit ventilators	Mechanical & HVAC
2010	Remodel all core and classroom restrooms	Plumbing/Restrooms
2007	Add science lab for Pathways students (currently don't have one)	Program/Space Needs
2013	Modified Bitumen roofing is failing and needs to be replaced	Roofing
2007	Replace old and deteriorated irrigation system	Sites/Grounds/Irrigation/Asphalt

Whitman Facility History

1995 Bond Projects	2002 Bond Projects	Capital Improvements 2000-Present
<ul style="list-style-type: none">• Replace windows• New walk-in freezer with alarm• Add air conditioning• Correct corridor exhaust / relief and doors• Upgrade electrical system• Upgrade fire alarm system• Resurface sprayed ceilings with acoustic tile• Add ADA lift• Phase II playground renovation• Remodel two classrooms at each level	<ul style="list-style-type: none">• New computer lab addition• Roofing• Fire alarm / schematic design upgrades• Security upgrade• Sitework: correct drainage and resurface play areas	<ul style="list-style-type: none">• 2001: Carpet and flooring replacement• 2005: Playground refurbishing• 2006: Asphalt and concrete replacement• 2008: Replace rooftop HVAC unit in main office• 2009: Remove and replace portions of asphalt on playpad

Glossary of Terms and Acronyms

T8—Energy-efficient fluorescent bulbs

Abatement—The process of safely containing and disposing of asbestos or other harmful substances

ADA—Americans with Disabilities Act; accessibility guidelines published and updated regularly

ANSUL system—Fire suppression system (hood) for kitchen equipment

Asbestos—Any of several minerals that readily separate into long, flexible fibers that cause asbestosis and have been implicated as causes of certain cancers, and that have been used especially formerly as fireproof insulating materials (Merriam Webster Online Dictionary)

HID lighting—High intensity discharge lamps

HVAC—Heating, ventilating, and air conditioning. Equipment making up an HVAC system to circulate and condition air includes **air handling units (AHU)**, **make-up air units (MAU)**, and **rooftop units (RTU)**

Hazmat—shortened term for “hazardous materials”

KED—Kindergarten extended day; a tuition-based program for kindergarten students to attend during the half of the day they are not in class.

Kalwall—Translucent daylighting system; allows for the benefits of natural light without the effects of direct sunlight

Modified Bitumen roofing—Type of roofing system

Mudjack—Process by which sunken concrete or flooring is raised to original level

Non-construction costs—Any bond program costs not related to construction materials, such as licenses, architects, drawings, administration, clerical, printing, consultant fees, etc.

Playpad—Flat play surface, usually asphalt, on a playground

Retrofit—To fit with new or modified parts or equipment not available or considered necessary at time of manufacture

SACC—School aged child care; a tuition-based daycare program located at the school for before and after school hours

Truss—Load-bearing roofing structure

Unit ventilators—Equipment used as part of an HVAC system for conditioning and circulating air

Water closets—Toilet stalls with partitions

White skin boards—Whiteboards; used with dry-erase markers in place of chalkboards or blackboards