

Lincoln Public Schools

Rotary



Lincoln South

2020 LPS Bond Projects

January 29, 2021 Update

Scott Wieskamp

Lincoln Public Schools

Director of Operations

High School Construction in Lincoln

Year		Cost
1915	Lincoln High School	\$584,756
1941	Northeast High School	\$496,680
1955	Southeast High School	\$1,662,361
1967	East High School	\$5,125,255
2002	North Star High School	\$42,821,041
2003	Southwest High School	\$43,390,036
2022	New NW Lincoln High School	\$59,062,500
2023	New SE Lincoln High School	\$60,750,000

High School Remodel Projects

2006	Bond Program Projects	Cost
	Lincoln High School	\$28,993,547
	Northeast High School	\$29,702,868
	Southeast High School	\$22,824,445
	East High School	\$19,737,568

LPS Sustainability Program

- Board Policy 3905: Sustainability
 - Enhancing a districtwide culture of sustainability
 - The board is committed
 - To the responsible stewardship of energy, water and other natural resources
 - To create healthy environments for teaching and learning; and
 - To support sustainability as an economic, environmental and social priority throughout the District.

Sustainable Building Principles

- All new facilities will be designed to meet . GOLD standard
- New buildings will be designed with **Zero Net Energy concepts**. New roof structures will be designed to be solar ready. The following targets are in place for new buildings:
 - High Schools: 45 kBTU/sf/year
 - Middle Schools: 25 kBTU/sf/year
 - Elementary Schools: 25 kBTU/sf/year
- Water efficiency
- All projects should use materials that are durable, repairable and reusable or recyclable80% diversion rate for construction waste
- Sustainable modes of transportation
- Projects should support our educational mission by striving to incorporate teachable moments such as lessons about the construction process, energy efficiency, or sustainable features; designing features that teach, such as a demonstrative wall with interactive dashboards; and including student groups in the design and construction process.





New High Schools Design Process

School Tours

Brainstorming

Sustainability and Energy Modeling Brainstorming

MEETING: SUSTAINABILITY AND ENERGY MODELING WORKSHOP
2019.08.12



BRAINSTORMING

LPS 10-Year Facilities & Infrastructure Plan

Influential Factors

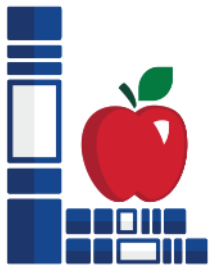
- Enrollment Growth
- Program Deficiencies
- Curriculum Delivery / Technology
- Safety & Security
- Sustainability Practices
- Protecting Our Investment

2020 Bond Program

Phase 1 Projects

- 2 New High Schools (1,000 Student Capacity)
- Park MS Indoor Air Quality & Improvement Project
- New NE ES @ Waterford Site
- Wysong ES Additions
- Scott MS / Lux MS Additions
- LNE HS Enhancements

NW High School Site Construction Progress



Sustainability Measures:

- Bioretention Cells
- Permeable Pavers
- Vegetative Roof
- Enhanced Wetlands
- Native and Naturalized Vegetation
- Increased Tree Canopy
- Outdoor Classrooms
- Non-irrigated Site, excluding athletic fields
- Connections to Bike Trail
- Connections to Bus Stop
- Extend minimum corridor
- Photovoltaic Cells
- Geothermal Wellfields
- Heat Rejection – Heating Water System
- Variable Refrigerant Volume System

NORTHWEST SITE – NW 48TH & HOLDREGE



March 4, 2020



June 4, 2020



August 4, 2020



Oct. 4, 2020



Oct. 30, 2020



Dec. 4, 2020



Design in Progress

SOUTHEAST SITE – 70TH & SALTILLO

Sustainability Measures:

- Bioretention Cells
- Permeable Pavers
- Vegetative Roof
- Enhanced Wetlands
- Native and Naturalized Vegetation
- Increased Tree Canopy
- Outdoor Classrooms
- Non-irrigated Site, excluding athletic fields
- Connections to Future Bike Trail
- Create Minimum Corridor
- Photovoltaic Cells
- Geothermal Wellfields
- Heat Rejection – Heating Water System
- Variable Refrigerant Volume System





Oct. 30, 2020



Dec. 4, 2020