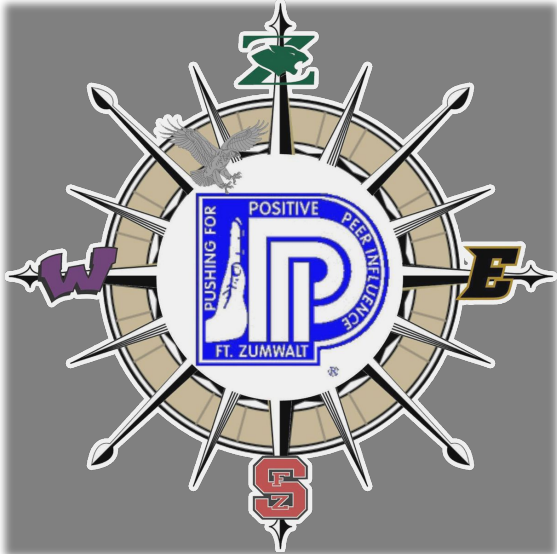


Bond & Construction Update

Sept. 18, 2025



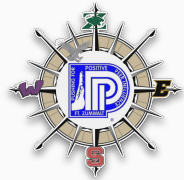
Lisa Koester

Construction Department

Storm Damage Roof Replacement

Insurance Funded

In March of 2024, a large hail storm damaged 13 buildings in the district.
This summer the district contracted to replace roofs at 8 of the 13
locations as part of the insurance claim.

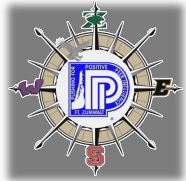


Storm Damage Roof Replacement

Insurance Funded

8 locations for the Summer of 2025:

- FHE, PDTC and Facilities the work has been completed.
- NMS (partial), SSB, and HHS will have the work completed on weekends throughout the school year.
- MCC will be completed during a holiday break or during the Summer of 2026.
- ECC was removed from the scope of work completely due to time constraints and limited work force available for completion. This location will be rebid for a future summer.

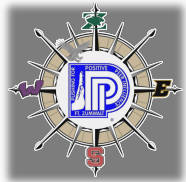


Storm Damage Roof Replacement

Insurance Funded

Remaining locations:

- NMS, NHS, JLM, FPE, DAO, ECC
- The district will work with the insurance company and contractors to develop a schedule to complete as many locations as possible during the Summer of 2026.
- This fall, bids will be released for work to be completed during the Summer of 2026.
- The district anticipates completion of all replacement work will extend 2 - 3 more years.

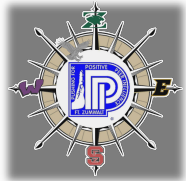


FZ Prop 4 Overview



FZSD Prop 4

- \$125-million no-tax increase bond issue
- Approved by voters April 5, 2022
- Projects fall under four pillars
 - Health
 - Safety
 - Growth
 - Opportunity



Health



HVAC Replacements 2022-24

Dardenne Elementary

Hawthorn Elementary

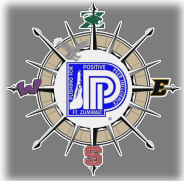
Lewis & Clark Elementary

North High

St. Peters Elementary

Twin Chimneys Elementary

Equipment and Energy Management systems at several schools



HVAC Replacements 2025

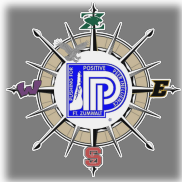
Forest Park Elementary

JL Mudd Elementary

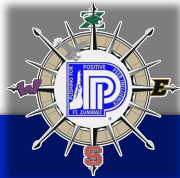
Mid Rivers Elementary

Mount Hope Elementary

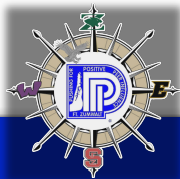
South Middle School



2025 work consisted of the demolition of existing unit ventilators and various other equipment and installation of new, single-zone units or multi-zone units.



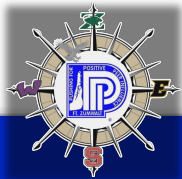
HVAC Replacements



HVAC Replacements

IMPACT: COST SAVINGS - HVAC Energy Savings

- The new HVAC systems provide substantial energy savings.
- We looked at 5* buildings with new systems and found usage reductions ranging from 9.8% to 33.4%.
- The reduction in usage is estimated to save \$130,000 annually at current electric prices.
- Comparison was done by averaging the prior-two-year usage in Kwh and comparing it to the year(s) after the system was installed.
- North High averaged 2.59 million Kwh before the new HVAC and 2.32 Kwh afterward - a reduction of 10.25% or \$41,000 annually in lower electric payments.



*Twin Chimneys does not have a full apples-to-apples comparison yet and historically has had a lot of electric usage variance.

HVAC Replacements

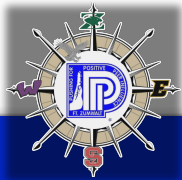
IMPACT: COST SAVINGS - HVAC Repairs

Repair costs for each school for the three years prior to HVAC replacements

Dardenne	\$12,055.95
Forest Park	\$32,850.92
Hawthorn	\$22,224.92
JL Mudd	\$70,357.57
Mid Rivers	\$43,013.98
Mount Hope	\$21,925.93
St. Peters	\$35,798.10
Twin Chimneys	\$12,303.51

Total Cost of Repairs: \$250,530.88

HVAC Replacements



HVAC Replacements

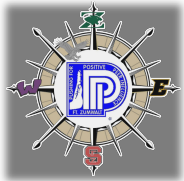
2026

North Middle School

Pheasant Point Elementary School

Rock Creek Elementary School

Westhoff Elementary School



Project is currently in the Construction Document Phase Bids will be brought back to the Board at a later meeting.

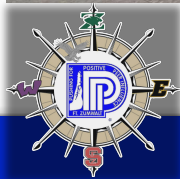
East High

Interior Renovations completed
2025 to include:

- Painting of the entire school
- Replacement of cove base and stair treads in all staircases

Installation of Post Tension
Concrete Tennis Courts





Interior Renovations



Interior Renovations

Safety



Improvements

Secure Vestibules at FPE, LCE, MHE, RCE, SPE

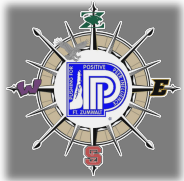
Security Film at NMS, DES, EES, HES, MRE, OES,
PPE, PSE, TCE, WES and SSB

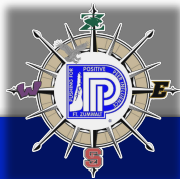
Building intercom/paging at SMS, DES, HES, JLM, LCE,
RCE and SPE

Fire alarm system upgrades at HHS, EES and WES

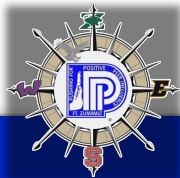
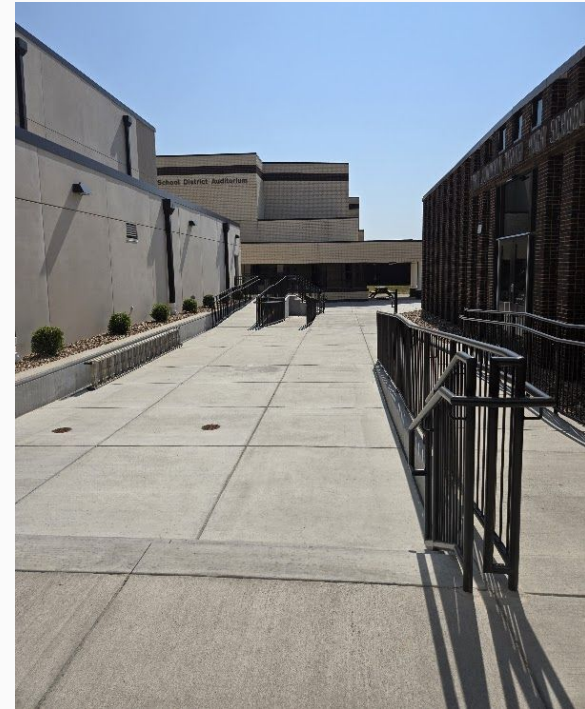
Roofing at West High

Storm shelters at NMS, NHS, MCC, PPE

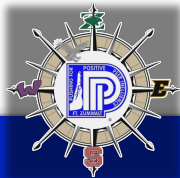




North Middle



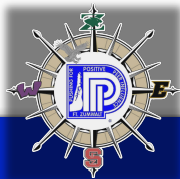
North High

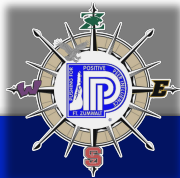


North High

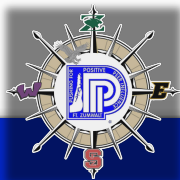


Mike Clemens Center





Pheasant Point Elementary



SPE Vestibule

Growth



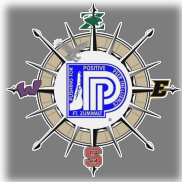
Additions

2022-2024

Mike Clemens Center for Adaptive Learning

North High cafeteria

North High main entrance and gym



North Middle School

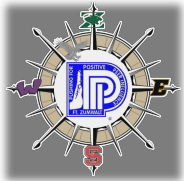
- Completed 2025
- 2-Story Addition and Main Entrance

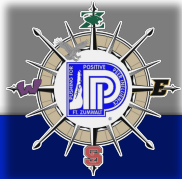


North Middle School Addition

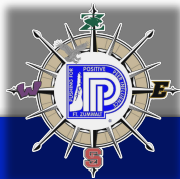
2-Story, Main Entrance, Guidance

- The 2-story addition and Main Entrance Area was completed and staff and students moved into the space in January of 2025.
- Demolition of the original 2-story building was completed this summer
- Renovations of existing building were completed during the summer to include:
 - New flooring
 - Enlarging an opening to the kitchen
 - Installation of fire sprinkler system in 400 Gym, 400 Cafeteria, Band, Choir, Art, Orchestra and Industrial Tech Rooms
 - New Counselor Office Area

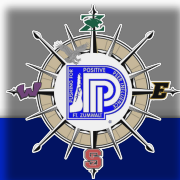




North Middle



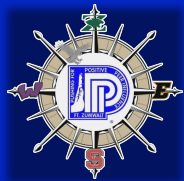
North Middle



North Middle

North Middle School

Work Underway



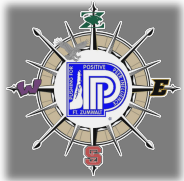
North Middle School Addition

New Cafeteria Addition and Gym Entrance

Currently under construction:

- New addition to the cafeteria
- New entrance for the gym/cafeteria area
- Final phase of the parking lot

The estimated completion date for this project January 2026



Transportation

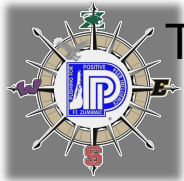
Work Underway

- 20,512 sq. ft. building
- 201 Bus Parking Spaces
- 233 Driver Parking Spaces
- 6-Bay Service Garage
- Bus Wash Bay
- Fueling Island for both Diesel and Propane

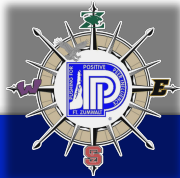


Transportation Building

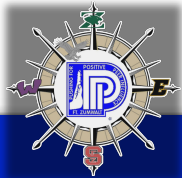
- Site work is ongoing. Bus parking lot is estimated to be completed by end of September.
- Construction of the building and shop area is under way with the majority of the structural work completed. Estimate to be under roof by the end of October.
- Installation of the fueling systems with most of the underground work completed.



The estimated completion date for this project is April 2026.



Transportation Building



Transportation Building

Opportunity

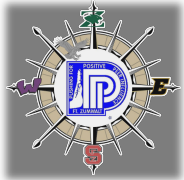


Fine Arts



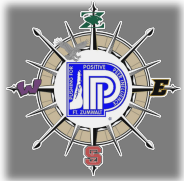
Auditorium upgrades at every high school

Instruments at middle & high schools, planned for elementary schools



Technology

Classroom smart TVs
Infrastructure upgrades



Athletics

Fields and tracks at EHS, NHS, SHS and WHS

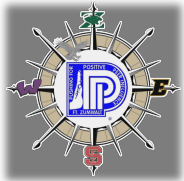
Field lighting at SHS

Bleachers at NHS, SHS

Tennis courts at EHS, WHS

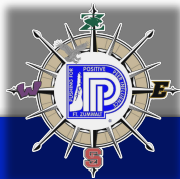
Gymnasium updates at SHS, WHS, NMS, SMS

Equipment upgrades

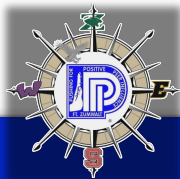




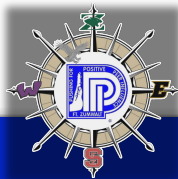
EHS completed
Summer, 2025



Athletics



Athletics



Athletics

FZ Prop 4 Impact

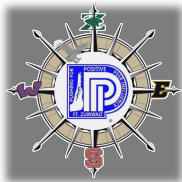


FZ Prop 4 Impact

As a result of FZ Prop 4 projects, the district has:

- Saved taxpayers on annual energy and repair costs
- Created quieter, more comfortable learning environments
- Improved sense of safety for staff, students and their families
- Ensured continued opportunities for students to explore and excel in areas beyond the classroom

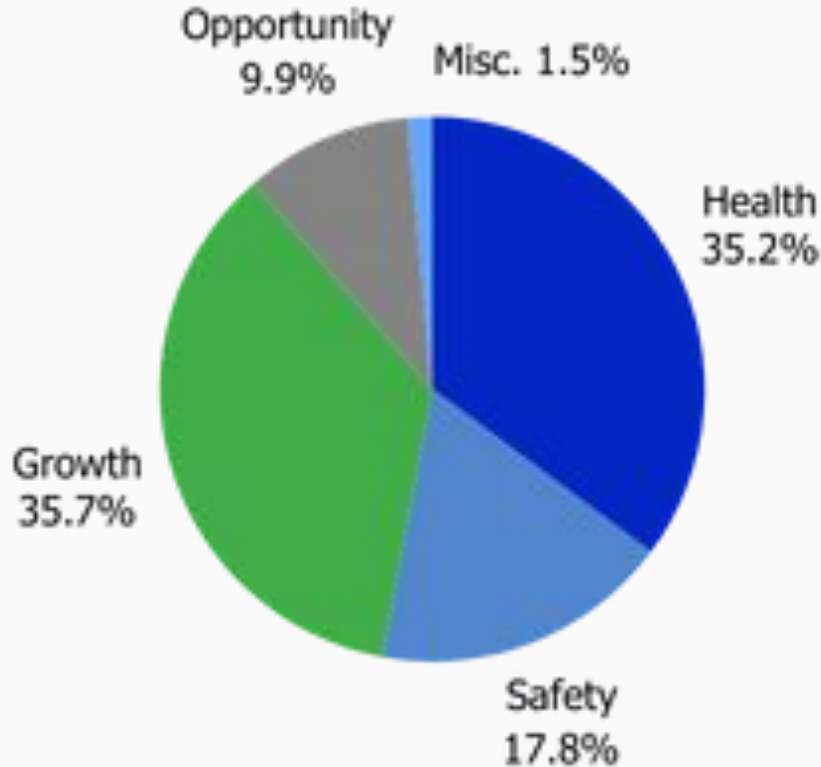
When you change the environment, you change the mindset.



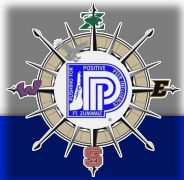
Remaining Bond Fund Allocation



FZ Prop 4 spending



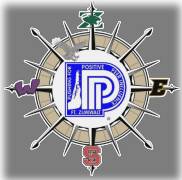
- Health, ie. HVAC
- Safety, ie. vestibules, storm shelters
- Growth, ie. building additions
- Opportunity, ie. fine arts and athletics projects
- Misc., ie. needs assessment



Current Bond Fund Status

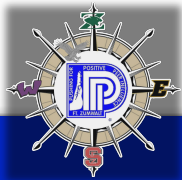
Current Bond Fund Status

2022 Bond Fund Passed	\$125,000,000
Interest Earned	\$5,187,365
Bond Premiums Less Fees	\$9,728,632
Total Funds Available	\$139,915,997
Total Projects Completed or Allocated to Date	\$107,117,661
Total Funds Available	\$32,798,336



External Factors Impacting Bond Fund Status

- Pandemic delayed our ballot initiative (originally planned for 2021)
- Actual costs for some major projects exceeded projections due to:
 - Workforce shortages / reduced number of bidders for projects
 - Inflationary pressures that include increases to contractor wages and material costs
 - Changes to legal requirements and building codes
 - Many projections were developed prior to pandemic impacts being fully realized
- Existing HVAC systems, which have exceeded their recommended lifespans, create continued issues impacting the classroom environment.

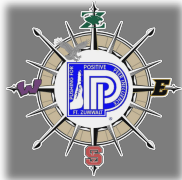


Current Bond Fund Status

What's Next

Known Needs / Potential Projects Based Upon 2022 Bond Campaign

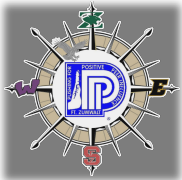
- HVAC Replacements Needed: 2-4 Schools are critical
- Parking lot replacement and repairs
- Security vestibule construction at remaining schools
- Storm Shelters (Reimagine design)
- District Natatorium
- Roof Repairs and Maintenance
- Encroaching upon “comfortable” capacity issues at some schools
- Continued security enhancements
- Other Miscellaneous Repairs/Replacements



A comprehensive facilities needs assessment is underway. This report will help define and prioritize needs at our 33 facilities as well as identify areas of need that might not yet be known.

Current Bond Fund Status

2022 Bond Fund Passed	\$125,000,000
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Discussion



Thank You

