



Levittown Public Schools Summer Facilities Projects

Presentation to the
Board of Education
Fall 2024

Continuing to maintain and enhance our facilities is covered under Section 4:
Long-term Success and Sustainability



Strategic Plan Action Items for 2023-2026 related to facilities:

4.8 Develop a plan for addressing critical areas noted on the District's Building Condition Survey while limiting the need for District-issued debt.

4.9 Enhance operating procedures in the District to ensure long-term efficiency and success.



Summer Projects Update

MacArthur High School Library Renovation

Full asbestos floor tile abatement, new ceiling and LED lighting, new LVT flooring, full paint job





MacArthur FACS Room

SED approved capital project
Full renovation nearing completion





MacArthur HS

New goal posts, epoxy flooring installed by exterior doors leading to athletic fields



Division Ave. HS

E-Sports Room

Built in house by B&G staff



Bottle Filler Project

The B&G Dept. replaced 14 outdated water fountains with new bottle filler stations. All locations have been tested and meet the new lead water standards of 5ppm or less. All work was completed by B&G staff.



New School Signs

Made of maintenance free PVC material,
Landscaping, sign and pavers installed by B&G staff



Lee Road

Faculty room upgrades

New kitchenette, full paint job, new white boards, custom made counters & cabinets for main office



Abbey Lane - Story Walk Project

Frames built by our Residential Structures Class
Installation by B&G dept.



LVT Flooring

Northside Main Office, Principal's Office, and Copy Room



Districtwide Painting Painting, Painting, Painting!

Our maintenance and custodial staff concentrated heavily on painting this summer, beautifying many spaces:

- 47 Classrooms
- 4 Bathrooms
- 2 Libraries
- 1 Cafeteria
- 2 Closets
- 4 Floors
- 6 Hallways
- LUT office
- Division Guidance suite



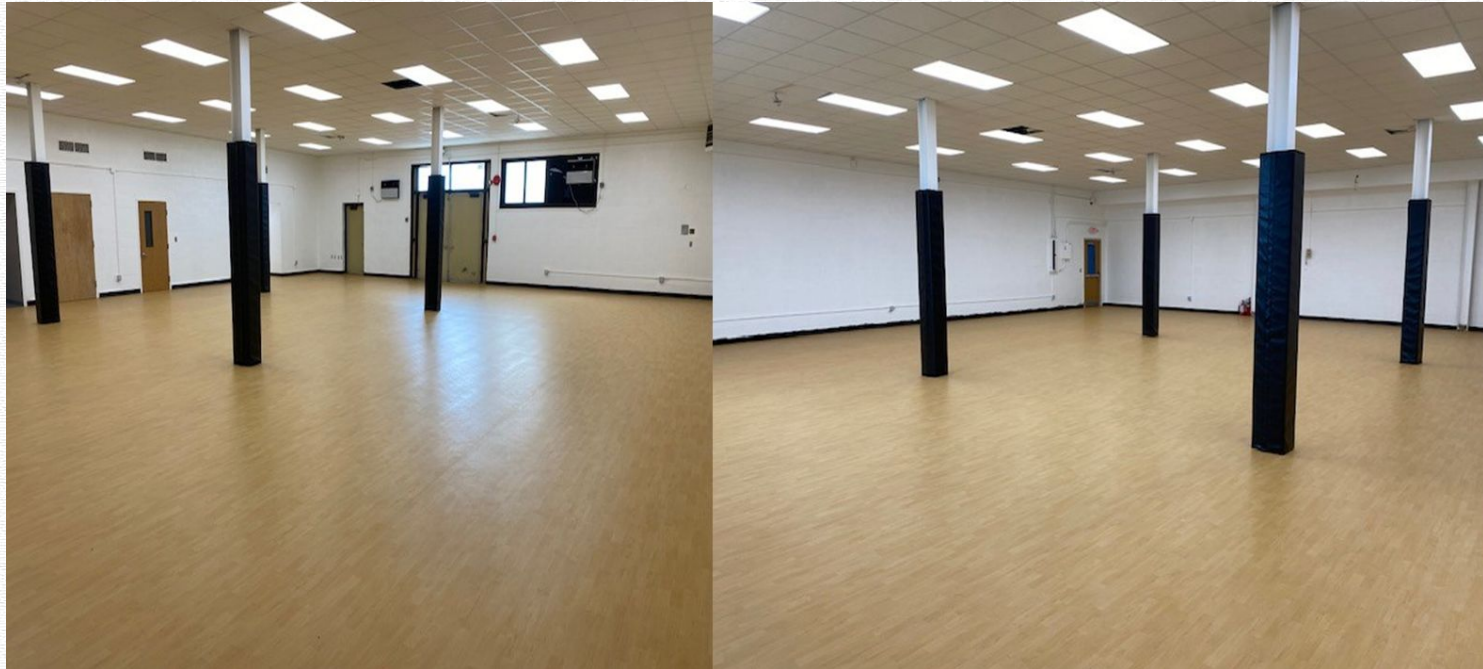
Northside Gym Floor

Full sand down and refinish, all new game lines painted with assistance from custodial and P.E. staff



LMEC All Purpose Athletic Room

New ceiling and LED lighting, new padded vinyl floor, full paint, new
bathrooms.



LMEC All Purpose Athletic Room - Bathrooms

New ceiling and LED lighting, epoxy finish on walls and floors, all new fixtures and toilet partitions





Energy Performance Contract Phase II: Solar Update

Energy Performance Project

Steel framework erected at MacArthur HS



Energy Performance Project

Solar power design expectations



<u>Locations</u>	<u>Carport PV kW</u>
Division Ave. HS	569.80kW
MacArthur HS	585.60kW
Wisdom Lane MS	320.60kW
Abbey Lane ES	280.80kW
Gardiners Ave. ES	189.50kW
Summit Lane ES	249.20kW
LMEC	249.20kW
Total	2,672.90kW

Energy Performance Project

Solar power design expectations

Assuming ideal weather conditions, Division Ave HS solar array will produce 569.80kW or 569,800 watts.

A bit of perspective:

The average 28,000 BTU air conditioner installed in one of our school classrooms will use approx. 3000 watts of electricity.

An electric dryer will use anywhere from 1500-5000 watts of electricity.





Capital Projects Update

Capital Projects

Fire Alarm & PA progress

Lee Road

FA and PA wire pulls are 100% complete at Lee Road ES, including the gymnasium.

Currently 95% complete with all FA devices throughout the building. All Remote Command Centers, Annunciator, and FACP backboxes installed.

All PA wire is coiled within ceiling plenum at all designated locations. Waiting to begin PA installation after Summit Lane ES is completed.

Summit Lane

FA and PA wire pulls are 100% complete at Summit Lane ES, with the exception being the gymnasium and basement level. We are waiting on engineering plans for the basement level and the gymnasium work will be completed after hours.

FA devices have been installed at roughly 85% of all locations. All Remote Command Centers, Annunciator, and FACP backboxes installed.

PA wire is coiled in the ceiling plenum at designated locations. Devices were received and contractors began installation throughout the school.



Capital Projects

Fire Alarm & PA progress

Northside ES

FA/PA wiring is 100% completed on the first floor. Waiting for substantial completion at Lee Road ES and Summit Lane ES to begin roughing in conduit piping at the basement level.

East Broadway ES

Contractors have begun roughing in FA/PA wire throughout the building. Estimated 60% complete pulling wire into rough locations.

Contractors began installation of smoke detector and CO backboxes in the ceiling plenum of the hallways.



Capital Projects

Fire Alarm & PA cabling



Capital Projects

Fire Alarm & PA cabling



Capital Projects

Security Infrastructure Upgrades

All elementary buildings

All schools have their in/out card readers installed and are being tested/configured for proper operation.

Magnetic door contacts have been installed at each door to allow for the key card fob to communicate between the two exterior doors when either door is opened.

All doors have their respective speakers linked with the key card system and will set off the speaker when occupants do not swipe out of the building.

Contractor has been troubleshooting reported issues from the district as they are brought up.



Capital Projects

Security Infrastructure Upgrades

Summit Lane ES

Contractors have continued running CAT6 and associated cabling for phase 2/additional cameras and strobes.

East Broadway ES

Contractors have begun pulling CAT6 and associated cabling for phase 2/additional cameras and strobes.



Capital Projects

Security Infrastructure Upgrades

Card in/card out readers installed at all elementary buildings





Air Conditioning Update

Districtwide Air Conditioner Project



Wisdom Lane MS

Air conditioning installed in both cafeterias nearing completion



Districtwide Air Conditioning Project

All additional electric work necessary at Gardiners Ave. and Summit Lane fully completed ahead of schedule and under budget.

All classrooms are now fully air conditioned.

Approx. 400 wall A/C's and related electrical work installed districtwide.

Approx. 15 mini-split A/C systems and related electrical work installed districtwide.

All cafeterias now fully air conditioned (waiting on Wisdom Lane MS commissioning).

All gymnasiums are having oscillating fans installed in each corner of gym.

Thank you to our B&G department for all their efforts and outstanding work!!





Questions