



Miller Place UFSD 2021 Bond Presentation

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PROPOSED PROJECT SUMMARY

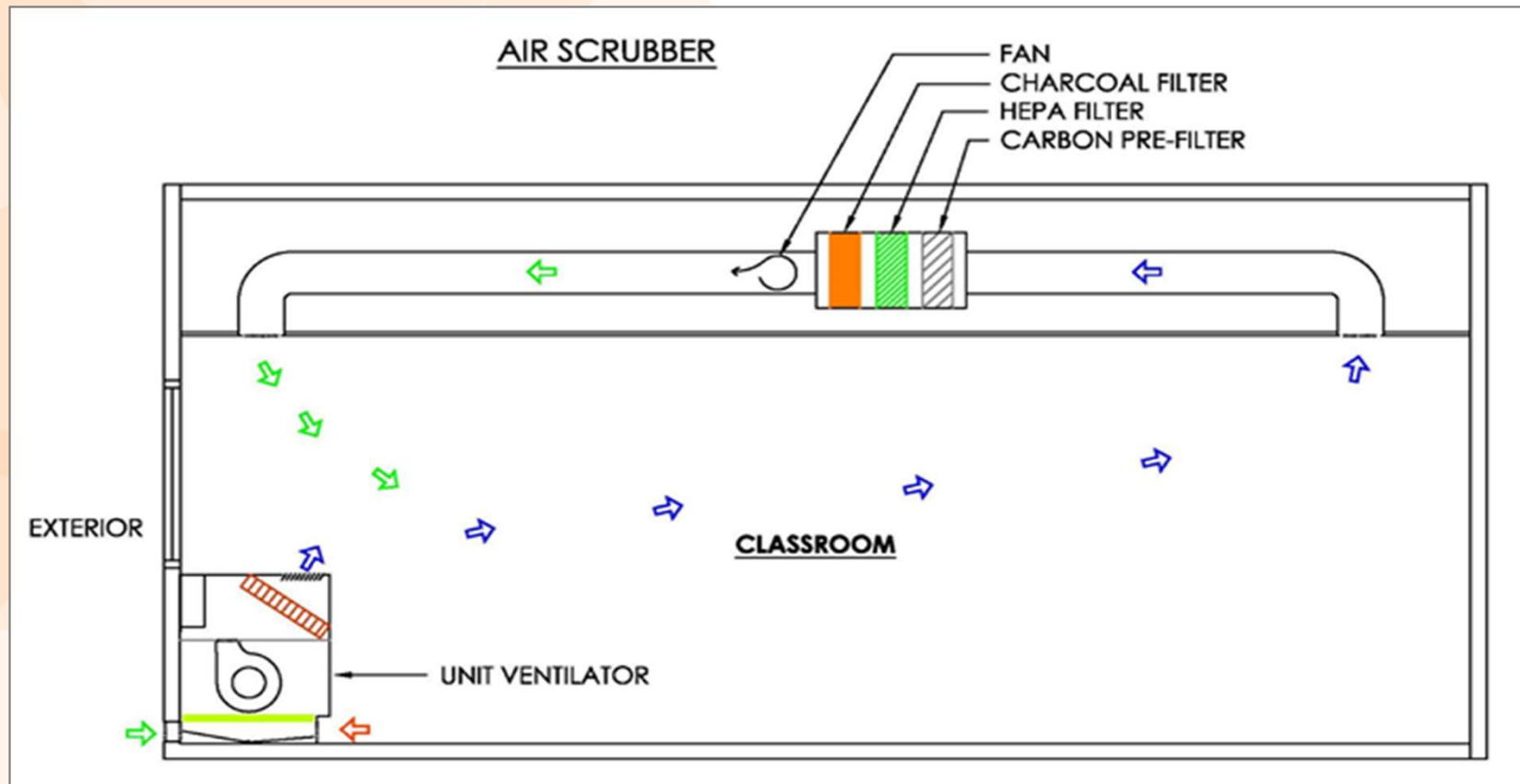
- Indoor Air Quality and Air Conditioning
- Safety/Emergency
 - Access Roads
 - Back-up Emergency Power Resources
- Additional Projects
 - Paving
 - Specialty Classroom Renovations
 - Repairs
- Gymnasium Addition at AMPS
- Other project list, if funding allows

INDOOR AIR QUALITY AND AIR CONDITIONING

Options Considered at each School (Classrooms Only)

- Air Scrubbers
- Window Air Conditioners
- Split Units with VRF Air Conditioning
- Unit Ventilators with VRF Air Conditioning and MERV 13 Filters

FILTERS



WINDOW AIR CONDITIONERS

- Classrooms would require a 36,000 BTU air conditioner.
- Each air conditioner would require 18.2 amps at 230 volts.
- Many windows in the district would require modification to accommodate the recommended window air conditioners.
- Window air conditioning unit contain the compressor in the unit and tend to be very loud.
- The unit ventilator must remain running while the window air conditioner is running.
- All buildings would require a larger Electrical Service and Electrical Distribution system to power all of the window air conditioners.
- Window air conditioners ARE NOT eligible for Building Aid.
 - Net Projected District Cost \$7,053,600



SPLIT UNITS with VRF AIR CONDITIONING

- Classrooms would require a 36,000 BTU Air Conditioner.
- Each air conditioner would require 12 amps at 230 volts.
- Split units may be recessed ceiling mounted or surface wall mounted.
- Unit ventilators or other mechanical ventilation must be running while Split units are running.
- All buildings would require a larger Electrical Service and Electrical Distribution system to power all of the Air Conditioners.
- Split air conditioners ARE eligible for Building Aid.



UNIT VENTILATORS with VRF AIR CONDITIONING

- New unit ventilators with air conditioning and MERV 13 filters would replace existing unit ventilators.
- Additional power would be required for the air conditioning portion of the unit ventilator and outdoor compressor.
- All buildings would require a larger Electrical Service and Electrical Distribution system to power all of the Air Conditioners.
- Unit ventilators with VRF air conditioning ARE eligible for Building Aid.



EXISTING UNIT VENTILATORS



MPHS: Many unit ventilators are 25 years. About 10% are more than 50 years old.

LADSBS: The original portions of the building **do not** have unit ventilators. The 1996 addition and the 2010 addition classroom have unit ventilators.



NCR: About 25% are more than 50 years old.



AMPS: About 90% are more than 50 years old and need to be replaced.

INDOOR AIR QUALITY AND AIR CONDITIONING

Recommendations at each school (Classrooms Only)

	<u>Projected Cost</u>
MPHS - Unit Ventilators with VRF Air Conditioning	→ \$ 4,221,600
NCRMS - Unit Ventilators with VRF Air Conditioning	→ 3,366,000
LADSBS - Split Air Conditioning Units with Air Scrubbers	→ 3,400,320
AMPS - Unit Ventilators with VRF Air Conditioning	→ <u>3,246,000</u>
Total Projected Cost	\$14,233,920
Projected State Aid (72.4%)	<u>10,305,358</u>
Net Projected District Cost	<u>\$ 3,928,562</u>

*Please note unit ventilators are MERV 13.

All information contained in these slides are estimated costs and projected state building aid revenues.

SAFETY - BACK-UP EMERGENCY POWER RESOURCES

- Provide generator connections and panels at all schools for use with a trailer mounted portable generator.
- Provide dedicated solar panels and battery storage units for the District network operations centers.
- Projected Costs:

Total Projected Cost	\$530,000
Projected State Aid (72.4%)	<u>383,720</u>
Net Projected District Cost	<u>\$146,280</u>

All information contained in these slides are estimated costs and projected state building aid revenues.

SAFETY - ACCESS ROAD - MPHS

- Road would run from MPHS student parking area to Miller Place Road on visitor side of track.



SAFETY - ACCESS ROAD – AMPS/LADSBS

- Road would run from AMPS/LADSBS upper parking area to the NCRMS north parking area.



SAFETY - ACCESS ROADS SUMMARY

- Build a safety/emergency secondary access road for emergency situations and vehicles for MPHS and AMPS/LADSBS.
- This will provide alternative means for emergency evacuation from these buildings.
- These access roads are not for use as daily access roads.
- Projected Costs:

Total MPHS	\$1,380,000
Total AMPS	<u>610,000</u>
Total Projected Costs	\$1,990,000
Projected State Aid (72.4%)	<u>1,440,760</u>
Net Projected District Cost	<u>\$ 549,240</u>

All information contained in these slides are estimated costs and projected state building aid revenues.

MPHS – ADDITIONAL PROJECTS

- Parking lot paving and bus loop areas.
- Renovate the Boys locker room showers – privacy stalls.
- Renovate the Art classrooms (2) - original condition.
- Create a robotics room in an existing classroom.



NCRMS – ADDITIONAL PROJECTS

- Replace the steam boilers in the front of the building and other related work.
- Renovate a classroom for Family and Consumer Science.
- Convert a Family and Consumer Science classroom to another classroom (possibly 2nd Art classroom).
- Renovate the existing Art classroom.



LADSBS – ADDITIONAL PROJECTS

- Repave portions of the existing parking lots, loop, and add additional parking spaces.
- Renovate the art classroom.



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AMPS – ADDITIONAL PROJECTS

- Upgrade parking, add lighting, bollards, provide a guard rail between the upper parking lot and the playground.
- Repair bathroom door frame bottoms.
- Replace classroom sink cabinets and related work.
- Move & renovate Kindergarten playground.



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BUILDING - ADDITIONAL PROJECTS SUMMARY

<u>Building</u>	<u>Projected Costs</u>
MPHS	\$2,575,000
NCRMS	3,200,000
LADSBS	1,450,000
AMPS	<u>725,000</u>
Total Projected Cost	\$7,950,000
Projected State Aid (72.4%)	<u>\$5,755,800</u>
Net Projected District Cost	<u><u>\$2,194,200</u></u>

All information contained in these slides are estimated costs and projected state building aid revenues.

AMPS – NEW GYMNASIUM PROJECT

- Construct a new separate gymnasium space
 - Currently AMPS has a “café-gym-atorium”.
 - Only district building without a dedicated physical education space (compliance issue).
 - Dedicated instructional space for students.
 - Dedicated cafeteria space for students.
 - Ability to schedule assemblies.
 - Additional use of facilities opportunities for the community.



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AMPS – NEW GYMNASIUM PROJECT



Placement of new gymnasium

AMPS – NEW GYMNASIUM PROJECT SUMMARY

- Projected Cost:

AMPS Gymnasium	\$4,928,400 (Aidable portion \$659,468)
Projected State Aid (72.4%)	<u>477,448</u>
Net Projected District Cost	<u>\$4,450,952</u>

Note:

- A gymnasium space is aided as a classroom space which is why the projected state aid on this new structure is lower than the other projects.

All information contained in these slides are estimated costs and projected state building aid revenues.

OTHER PROJECT LIST, IF FUNDING ALLOWS

MPHS

- Bus canopy for a portion of the front sidewalk
- Relocate the north softball field and provide seating for tennis spectators
- Replace corridor lockers with point of use lockers
- Recording studio
- Update tennis courts

NCR

- Create a STEAM Lab
- Renovate the kitchen
- Bus canopy for a portion of the rear sidewalk

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LADSBS

- Create a STEAM Lab
- Bus canopy for a portion of the front sidewalk

AMPS

- Create a STEAM Lab
- Bus canopy for a portion of the front sidewalk
- Additional paving work

Additional Information 2021 Bond Presentation

**Community Meeting – July 21, 2021
Colleen V. Card – School Business Official**

DISTRICT REVIEW PROCESS

- Discussion at public meetings and workshops:
 - June 16, 2021 – potential bond projects overview
 - July 21, 2021 – architectural summary and financial information
 - August 11, 2021 – determine projects and structure of bond issue
- Board of Education Tours were held on:
 - August 28, 2019
 - July 19, 2021
- Board of Education Resolutions needed / Possible adoption dates:
 - Adoption of SEQRA (environmental review) by August 25, 2021
 - Adoption of Bond on August 25, 2021

DISTRICT TIMELINE

- Project discussion – Currently in process – August 2019 → August 2021
- SEQRA Process – Currently in process – completion August 2021
- Final projected cost estimates – Currently in process – completion August 2021
- Adoption of Board of Education resolutions – August 2021
- Legal Process Considerations – September / October 2021
- Potential Community Vote – October / November 2021
- Next steps after community approval – drawings, contract documents prepared, NYSED review and approval, bid and award projects, construction begins...

BUILDING AID INFORMATION

- The current state selected building aid ratio that the District is allowed to use is 72.4%.
- Governor Cuomo in prior proposed state budgets has attempted to change the state selected building aid ratio to be the District's actual building aid ratio.
- If the Governor's proposals were to be enacted, then the District's actual building aid ratio would be used which is currently 59.0%.
- The voter approval date determines the state aid ratio that gets locked in for these projects.

All information contained in these slides are projected cost estimates and projected state aid revenues.

DISTRICT PROJECT COST SUMMARY (at current building state aid = 72.4%)

Summary of Projects	Projected Cost	Projected State Building Aid 72.4%*	Net Cost to District
Air Conditioning	14,233,920	10,305,358	3,928,562
Safety Projects	2,520,000	1,824,480	695,520
Other Building Projects	7,950,000	5,755,800	2,194,200
AMPS Gymnasium	4,928,400	477,448	4,450,952
Totals	29,632,320	18,363,086	11,269,234
* State building aid ratio used is 72.4% except AMPS gymnasium project.			

All information contained in these slides are estimated costs and projected state building aid revenues.

DISTRICT PROJECT COST SCENARIO (if state building aid changed to 59.0%)

Project	Projected Cost	Projected State Building Aid 59.0%	Net Cost to District
Air Conditioning	14,233,920	8,398,013	5,835,907
Safety Projects	2,520,000	1,486,800	1,033,200
Other Building Projects	7,950,000	4,690,500	3,259,500
AMPS Gymnasium	4,928,400	389,080	4,539,320
Totals	29,632,320	14,964,393	14,667,927
* State building aid ratio used is 59.0% except AMPS gymnasium project.			

All information contained in these slides are estimated costs and projected state building aid revenues.

DISTRICT CURRENT DEBT SERVICE INFORMATION

- As part of the 2022-23 school year budget, the District will have decreasing debt service (budgetary reduction) of approximately \$263,000.
- As part of the 2024-25 school year budget, the District will have decreasing debt service (budgetary reduction) of approximately \$243,000.
- The objective for future debt service payments is to align the future payment with decreasing debt service payments resulting in “level debt” minimizing the impact on the taxpayer.

DISTRICT BOND ISSUE DEBT PROJECTION INFORMATION

	All Other Projects	Gym Project	Total					
Bond Period	15 Years	20 Years						
Bond Rate Projection	3%	3%						
Bond Amount Estimate	25,000,000	5,000,000	30,000,000					
Annual Payment Estimate	2,095,000	336,000	2,431,000					
State Aid Estimate	1,516,780	31,830	1,548,610					
Net Annual Cost Estimate	578,220	304,170	882,390					
Anticipated Funding Sources:								
Year of change in debt service			22-23	24-25	27-28	28-29	Total:	
Reduced/Retiring debt service			(263,000)	(243,000)	(143,000)	(146,000)	(795,000)	
			619,390	376,390	233,390	87,390		
Additional Potential Funding Source for Balance - Approximately \$87,390	- Reduce budgetary transfer to capital line \$352,335							
	- Unused grant funding for ventilation							
Tax rate impact - very minimum; estimated at \$1.00-\$2.00 per month - pending final BOE decisions, market place interest rates and sources of funding.								

All information contained in these slides is projected information and subject to change.

QUESTION & ANSWERS

- Bond information is posted on the District website at:
<https://www.millerplace.k12.ny.us/site/default.aspx?PageID=95>
- Email questions to: bondissue@millerplace.k12.ny.us
- Board Discussion - Board of Education Members
- Public Discussion - Community Residents

All information contained in these slides are estimated costs and projected state building aid revenues.