

District Overview

- Estimated Facility Improvement Cost (Phase 1 and Phase 2)

Pana School District Scope Summary				
	Phase 1: 2016-2017		Phase 2: 2018-2019	
Facility Name	Installation Costs	Estimated Utility Savings (per year)	Installation Costs	Estimated Utility Savings (per year)
Jr. High School	\$ 1,345,479.00	\$ -	\$ 1,071,095.40	\$ 12,037.77
Lincoln School	\$ 89,328.60	\$ -	\$ 114,000.00	\$ 6,572.51
Washington School	\$ 124,927.20	\$ -	\$ 114,000.00	\$ 7,950.72
High School	\$ 148,200.00	\$ -	\$ 157,680.00	\$ 20,281.60
Misc. Measures	\$ -	\$ -	\$ -	\$ -
Totals	\$ 1,707,934.80	\$ -	\$ 1,456,775.40	\$ 46,842.59

- Jr. High School - Cafeteria and Gym Cost Breakout (\$530,000)

Facility Improvement Measures (FIMs)

- Jr. High School

Ameresco Preliminary Facility Improvement Measures						
FIM No.	FIM Title	Notes	Benefits / Solution	0-2 YEAR PRIORITY	3-5 YEAR PRIORITY	6+ YEAR PRIORITY
1	Jr. High School					
1.1	Cafeteria - New Flooring	New flooring is original, contain ACM, and showing signs of subsurface failure	Existing floor will be abated and a new seamless epoxy flooring applied. Base will be rolled and part of the flooring system once installed. Floor will be leveled and cracks repaired prior to application	✓		
1.2	Cafeteria - Wall Painting	Walls surfaces are showing signs of use	A new high gloss pall paint will be applied for a highly cleanable surface. Damaged surfaces will be patched	✓		
1.3	Cafeteria - Lighting & Ceilings	Lighting color and fixtures are aged and less efficient then newer LED fixtures.	New LED lighting will be installed	✓		
1.4	Gym - Flooring	Wood flooring is original and showing signs of wear, contains ACM mastic, and shows signs of exposure to moisture	Flooring will be abated and a new hardwood flooring with new logo & sports lines/markers will be installed. Base will be leveled and cracks repaired prior to application	✓		
1.5	Gym - Bleachers	Bleachers are worn and in need of replacement to a modern system	New motorized bleachers will be installed to replace the existing bleachers	✓		
1.6	Gym - Ceiling Clean-up & Wall Paint	Gym ceiling is cluttered with abandoned mechanical equipment and piping, some of which are ACM.	The abandoned mechanical piping and heating equipment will be abated and removed from the gym, walls patched and repainted.	✓		
1.7	Gym - New Storage Room	Gym is lacking in usable storage space. New storage space is desired	A section of bleachers will be removed an a new storage room added to the gym floor and contain two double doors, LED lighting, wall sensors, and impact resistant drywall	✓		
1.8	Gym - Basketball Backboards Hoist	Basketball backboards do not retract to allow unobstructed views and use during non basketball events	New motorized basketball goals will be installed to replace the manually operated goals	✓		
1.9	Theater Curtains	Existing curtains are old and in disrepair	New curtain will be installed to replace the existing curtain	✓		
1.10	Fire Alarm Upgrade/Interface	Existing fire alarm is not interfacing with the current BMS	Fire alarm interface will be updated to reduce the false alarms		✓	
1.11	Building Envelope	Exterior doors and wall to roof seams will be inspected	New door seals will be installed and any doors damaged beyond the useful life will be replaced		✓	
1.12	HVAC Building Management System (BMS)	New BMS system will provide better control and monitoring of HVAC and lighting equipment	New web-based BACnet BMS will be provided to control existing equipment		✓	
1.13	Painting Corridor Walls	Corridor walls are clad with 4"x4" and 2"x4" tile. This creates a dated appearance	Two color multi-step coating over existing tiles will be applied. Broken tiles (or cracks) will be replaced prior to paint treatment.	✓		