

Whitman-Hanson Regional School District
Town of Hanson: Capital Asset Planning - 5 year Facility Needs
December 2014

Facility	Acquired	Capital Improvement Request	Justification	Cond.	Use	Cost	FISCAL YEAR						
							FY15	FY16	FY17	FY18	FY19	FY20	
*Indian Head	1998	Replace existing PVI 225 Gallon HW Heater with an energy efficient heater	The hot water heater is the same year as the Indian Head renovation. It is 16 years old, and the life expectancy is 10 years. The unit is not functioning properly. It is periodically leaking and signs of fatigue in the tank. This is the only hot water heater that services the entire Indian Head School, including the kitchen.	Poor	Heavy	\$24,749.00	X						
*Indian Head	1949	Slate Roof (Completely Remove); Partial Lintel Replacement	The original slate roof has continued to have problems with tiles becoming loose and subsequently sliding off the building to the ground below. The immediate safety concern has been addressed by placement of metal fencing around the perimeter of the property.	Poor	Heavy	\$850,000.00	X						
*Maquan	1966	Engineer Condition Assessment	Engineering estimate study for mechanical, electrical and fire protection.	Poor	Heavy	\$15,000.00	X						
*Indian Head	1999	Replace Existing Site Light Fixtures	Replacing metal halide lamps with energy efficient LED pole mount lamps.	Poor	Daily/Nightly	\$18,279.00		X					
*Maquan	1990	Replace Exterior and Interior Light Fixtures	Replace outdated flourescent light fixtures with energy efficient LED wrap around system. Replacing metal halide bulbs with energy efficient LED wall packs.	Poor	Daily/Nightly	\$49,664.00		X					
*Indian Head	1999	Fire Alarm and Smoke Detector Replacement	Fire detection devices are reaching end of life (15 years). Replacement of field devices and/or panel replacement.	Fair	Daily	\$40,000.00		X					
Hanson Middle	1999	Fire Alarm and Smoke Detector Replacement	Fire detection devices are reaching end of life (15 years). Replacement of field devices and/or panel replacement.	Fair	Daily	\$40,000.00		X					
*Maquan	2005	Computer Replacement	Computers are 10 years old and in need of replacement. Life span of typical computer is 4-5 years. The nearly 80 teacher and lab computers are becoming ineffective tools for teaching and learning.	Poor	Daily	\$70,000.00		X					
*Indian Head	2005	Computer Replacement	Computers are 10 years old and in need of replacement. Life span of typical computer is 4-5 years. The nearly 120 teacher and lab computers are becoming ineffective tools for teaching and learning.	Poor	Daily	\$105,000.00		X					
Hanson Middle	2005	Computer Replacement	Computers are 10 years old and in need of replacement. Life span of typical computer is 4-5 years. The nearly 200 teacher and lab computers are becoming ineffective tools for teaching and learning.	Poor	Daily	\$175,000.00		X					

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Maquan	1966	Energy Management	Maquan School is the only building in the District which has not been retrofitted to include electronic controls to monitor and control energy usage. This causes energy costs at Maquan to be in excess of other facilities.	Poor	Heavy	\$125,000		X					
Maquan	1966	Heating System	The heating system at Maquan has recently been converted to Gas savings thousands in operating costs each year. The system, however, still uses an outdated heat exchanger to hot water system which is failing. A full Hot Water only system should be installed.	Poor	Heavy	\$400,000		X					
Maquan	1975	Generator	Generator at Maquan School is original to the building, and has failed numerous times over the last year. The vendor has identified concerns that it has passed "end of anticipated life", and getting parts is difficult. A replacement generator should be part of a plan to address the electrical infrastructure at the site.	Poor	Heavy	\$90,000		X					
Maquan	1966	Gym Floor	Current rubber gym floor has exceeded it's anticipated life span. The floor has many "bubble areas" which are trip hazards to the school and recreational use of the facility.	Poor	Heavy	\$85,000		X					
Maquan	1966	Kitchen	Items needed to bring Kitchen back to operational status. Replacement Dish Machine, Freezer, Oven/Steamer, Service Wells, Floor, Fire Suppression, Water Filtration	Poor	Heavy	\$200,000		X					
Maquan	1966	Re-point Brick	Water is currently penetrating the porous brick openings causing moisture to get into the building.	Poor	Heavy	\$150,000		X					
Maquan	1966&1989	Window Replacement	Single pane glass, non energy efficient windows are in place from the original construction. Many windows do not open and close.	Poor	Heavy	\$750,000		X					
Maquan	1966	Roof Replacement: Café and Gym	The two listed sections of the roof are starting now to leak. This is existing "tar and gravel" type roofing. (1967)	Poor	Heavy	\$500,000		X					
Indian Head	1949	Building Insulation	Provide insulation in building.	Poor	Heavy	\$100,000		X					
Maquan	1966	Electrical System Upgrade- Sub Panels/Main	Electrical system at the Maquan school cannot support classroom needs for today. There are limited electrical outlets for computers, and classrooms share common 20amp circuits causing frequent tripping based on current being exceeded. Lastly, circuit breakers in panels are no longer available for repair.	Poor	Heavy	\$500,000		X					
Maquan	1966	Classroom and Service Electrical	Update electrical in classrooms and service locations.	Poor	Heavy	\$1,500,000		X					
Maquan	1966	UnitVent / RTU Replacements	Unable to obtain parts for service of units in classrooms. This would replace all units with new classroom service univents	Poor	Heavy	\$500,000		X					

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Maquan	1966	Asbestos Removal(Flooring/Pipes)	Building work which has become necessary to maintain the existing plumbing and heating systems are always requiring abatement. The floor tile recently tested in the existing building showed it also contained non-friable asbestos.	Poor	Heavy	\$250,000		X				
*Indian Head	1978	Energy Management	Update controller at the site and add CO2 reset devices to improve energy efficiencies and lower operating costs.	Poor	Heavy	\$45,000.00			X			
*Indian Head	1949	Lead Paint Removal	Remove identified lead paint from walls and stairways.	Poor	Heavy	\$150,000.00			X			
*Indian Head	1949	Original Ceiling Removal	Identified issue from original ceiling falling through the 1999 replacement tile. Install new ceilings in impacted 1st and 2nd floor classrooms.	Poor	Heavy	\$40,000.00			X			
*Maquan	1975	Pavement Replacement	Replace / Resurface driveway and parking pavement.	Poor	Heavy	\$95,000.00			X			
*Maquan	1966	Septic System Replacement	We are pumping a lot of solids and will continue to monitor and pump the septic system.	Poor	Heavy	\$300,000.00						X
*Indian Head	1999	Septic System Replacement	We will continue to monitor and pump the septic system. We are pumping a lot of solids out of this system.	Poor	Heavy	\$250,000.00						X
*Indian Head	1999	Driveway Refurbish	Age of the current surface and proper maintenance indicates this should be planned to prevent costly future major surface repairs.	Poor	Heavy	\$50,000.00						X
Hanson Middle	1999	HVAC	Add variable speed drives to roof top units. Extend controls to various systems. Add CO2 resets for energy savings.	Poor	Heavy	\$125,000.00						X
*Indian Head	1978	Replace/Refurbished Generator	Generator will require a complete refurb/replacement due to life expentency of the unit.	Poor	Heavy	\$100,000.00						X
HMS	1999	Roof Replacement- Gym and School	Roof shingles on gym, entry vestibule and the School Fully Adhered EPDM Roof are 20 year anticipated life span. We are starting to see failure of the roofs, water infiltration and leakage.	Poor	Heavy	\$65,000.00						X

*Estimate full engineer study required

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