

WHRSD 2018-19 SY - Town of Whitman Capital Asset Planning - 5 year Facility Needs - DRAFT updated 3/13/2019

Facility	Acquired	Capital Improvement Request	Justification	Cond.	Use	Cost	FUND FISCAL YEAR					
							FY19	FY20	FY21	FY22	FY23	
DUVAL	1999	REPLACE DUVAL ROOF	Replace the roof identified from the engineer study outlining the defects to the existing conditions pertaining to wall, window and roof components where moisture infiltration has occurred. There was significant damage to the interior wall system from the Winter 2015 Ice Dams.	Poor	Daily	\$600,000.00						
CONLEY	1999	Add thumb piece latches to all classroom and office doors	Safety and Security: The current locking system does not allow the locking of the from inside the classroom	safety	heavy	\$45,000.00						
DUVAL	1999	FIRE ALARM SMOKE DETECTOR REPLACEMENT	Fire detection devices are reaching end of life (15 years).	Fair	Daily	\$55,000.00		X				
WMS	1999	FIRE ALARM SMOKE DETECTOR REPLACEMENT	Fire detection devices are reaching end of life (15 years).	Fair	Daily	\$55,000.00		X				
CONLEY	2000	REPLACEMENT OF EXTERIOR DOORS	Location : (2) WMS; (2) Duval, (3) Conley									
DUVAL	2000	REPLACEMENT OF EXTERIOR DOORS	Location : (2) WMS; (2) Duval, (3) Conley									
WMS	N/A	INSTALL PHYSICAL EDUCATION CURTAIN	Install Motorized Physical Education Curtain for education purposes due to increase class size	Poor	Daily	\$25,000.00		X				
CONLEY	N/A	INSTALL PHYSICAL EDUCATION CURTAIN	Install Motorized Physical Education Curtain for education purposes due to increase class size	N/A	Daily	\$14,000.00		X				
DUVAL	2008	GREEN COMMUNITIES PROGRAM	Retrofit light fixtures from T-8's to LED System. Working with the Massachusetts Department of Energy Resources (DOER) and National Grid.	Fair	Daily	\$335,000.00			X			
WMS	1972	CREATE A LOOP DRIVEWAY AT THE REAR OF THE SCHOOL	This would create a safe, well-lit drop off and pick up for all community members during after hour events.	N/A	Daily	\$18,000.00			X			
CONLEY	1972	CREATE A LOOP DRIVEWAY AT THE REAR OF THE SCHOOL	This would create a safe, well-lit drop off and pick up for all community members during after hour events.	N/A	Daily	\$18,000.00			X			
DUVAL	1972	HVAC STUDY OF SYSTEMS	To determine the HVAC needs at each school	N/A	Daily	\$30,000.00			X			
WMS	1972	HVAC STUDY OF SYSTEMS	To determine the HVAC needs at each school	N/A	Daily	\$30,000.00			X			
CONLEY	2000	HVAC UPGRADES	Determined by HVAC Study (see above) Apply for any grants that are available	Poor	Daily	TBD				X		
WMS	1972	FEASIBILITY STUDY	Whitman Middle School requires full scale renovation/replacement. Possible 2019 April Statement of Interest (SOI) submitted to MSBA.	Poor	Heavy	\$750,000.00		X				
CONLEY	2000	HVAC UPGRADES	Determined by HVAC Study (see above) Apply for any grants that are available	Poor	Daily	TBD				X		
CONLEY	1999	ENERGY MANAGEMENT	Upgrade energy controllers to allow for additional point control. CO ² resets would be installed allowing units to only bring in needed outside (fresh) air. This will yield a definite energy savings.	Poor	Heavy	\$35,000.00					X	
CONLEY	1999	CRACK SEAL & SEAL DRIVEWAYS	Deterioration of the asphalt surface over time has not been addressed. Prompt attention to seal issues will ensure these do not need to be fully replaced prematurely.	Poor	Heavy	\$20,000.00					X	
CONLEY	1999	STUDENT FURNITURE-CHAIRS/DESKS	Replacement of damaged student desks and chairs selective building wide	Poor	Daily	\$35,000.00					X	
CONLEY	1999	PORTABLE GENERATOR	Three electrical updates to install transfer switches and one portable generator to move from school to school.	None	Moderate	\$100,000.00		X				
CONLEY	NA	EMERGENCY GENERATOR	Currently this building has NO means of emergency power generation. This site frequently loses power during storms, and this places the building into a condition where we could possible experience pipe freezing and food loss.	None	Moderate	\$110,000.00		X				

Facility	Acquired	Capital Improvement Request	Justification	Cond.	Use	Cost	FUND FISCAL YEAR			
							FY19	FY20	FY21	FY22
CONLEY	1999	PARTIAL ROOF REPLACEMENT- OLDER SECTION	To replace/repair sections of roofing which were not involved in the last renovations. Timing of this request is in line with a 20 year replacement/review cycle.	Poor	Heavy	\$75,000.00	X			
CONLEY	1999	REPLACEMENT OF ROOF TOP VENTILATION UNITS (AS NEEDED)	Rooftop units will need to be reviewed (especially those original to the building such as the gym and locker rooms.) At FY-20 they will be 21 years old and will require an extensive review to ensure they function as expected for the building.	Poor	Heavy	\$150,000.00			X	
CONLEY	1999	REPLACE PHONE SYSTEM	The phone system is reaching its end of its useful life.	Poor	Daily	\$24,000.00				X
CONLEY	1999	KITCHEN EQUIPMENT REPLACEMENT	Replacement needed on Duval Dish Machine. The original dish machine does not run. The new machine would guarantee water will reach HACCP. This new unit is energy efficient.	Fair	Daily	\$32,000.00	X			
DUVAL	1999	ENERGY MANAGEMENT	Upgrade energy controllers to allow for additional point control. CO ² resets would be installed allowing units to only bring in needed outside (fresh) air. This will yield a definite energy savings.	Poor	Heavy	\$35,000.00			X	
DUVAL	1999	CRACK SEAL & SEAL DRIVEWAYS	Deterioration of the asphalt surface over time has not been addressed. Prompt attention to seal issues will ensure these do not need to be fully replaced prematurely.	Poor	Heavy	\$20,000.00			X	
DUVAL	1999	STUDENT FURNITURE-CHAIRS/DESKS	Replacement of damaged student desks and chairs selective building wide	Poor	Daily	\$35,000.00			X	
DUVAL	NA	EMERGENCY GENERATOR	Currently this building has NO means of emergency power generation. This site frequently loses power during storms and this places the building into a condition where we could possible experience pipe freezing and food loss.	None	Moderate	\$110,000.00	X			
DUVAL	1999	PARTIAL ROOF REPLACEMENT- OLDER SECTION	To replace/repair sections of roofing which were not involved in the last renovations. Timing of this request is in line with a 20 year replacement/review cycle.	Poor	Heavy	\$75,000.00				X
DUVAL	1999	REPLACE PHONE SYSTEM	The phone system is reaching its end of its useful life.	Fair	Daily	\$24,000.00			X	
WMS	1972	UNIVENT REPLACEMENT (20)	These units were part of the original construction and have outlived the expected useful life	Poor	Daily	\$120,000.00	X			
WMS	1972	ROOF REPLACEMENT (GYM)	The current roof has three layers (tar/gravel, rubber and PVC). All three layers are currently wet, indicating a continuous flow of moisture and moisture remains trapped. Vendor estimates about 1100 sq. ft. of 8000sq ft. is "wet". This causes leakage into the building, and proven mold/mildew growth on the underside of the gym decking.	Poor	Heavy	\$500,000.00	X			
WMS	1999	CRACK SEAL & SEAL DRIVEWAYS	Deterioration of the asphalt surface over time. Prompt attention to seal issues will ensure these do not need to be fully replaced prematurely.	Poor	Heavy	\$25,000.00	X			
WMS	1999	STUDENT FURNITURE-CHAIRS/DESKS	Replacement of damaged student desks and chairs selective building wide	Poor	Daily	\$35,000.00	X			
WMS	1972	GENERATOR REPLACEMENT	Unit will be at end of life expectancy. Was not replaced during renovations.	Poor	Moderate	\$100,000.00	X			

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							FY19	FY20	FY21	FY22	FY23
WMS	1972	REPLACEMENT OF GYM HEAT AND VENTILATION UNIT	At FY-19 they will be 47 years old. A new system should be installed to reduce the moisture and associated problems that exist in the gymnasium.	Poor	Heavy	\$100,000.00		X			
WMS	1972	ELECTRICAL SYSTEM UPGRADE	This request is to replace Federal Pacific breakers and panels not replaced as part of the original renovations. There have been instances where breakers should have tripped to prevent injury (electrical shorts) and this poses a safety hazard.	Poor	Daily	\$75,000.00		X			
WMS	1999	REPLACE PHONE SYSTEM	The phone system is reaching its end of its useful life.	Fair	Daily	\$24,000.00		X			
WMS	1999	PARTIAL ROOF REPLACEMENT - OLDER SECTION	To replace/repair sections of roofing which were not involved in the last renovations. Timing of this request is in line with a 20 year replacement/review cycle.	Poor	Heavy	\$100,000.00		X			

Article #8

To see if the Town will vote to raise and appropriate \$ 44,865 to pay Whitman's share of the cost to replace (2) facilities vehicles. Existing vehicles 2007 and 2008 Chevy vans are beyond their life expectancy. (Estimated costs \$75,000), or take any other action relative thereto.
Proposed by the Whitman-Hanson Regional School District School Committee

note: all expenses for the Regional High School are assessed based on student enrollment; Whitman's enrollment is presently 59.82% of the student body for the region.

Article #9

To see if the Town will vote to raise and appropriate \$125,622 to pay Whitman's share of the cost to Repair/replace sections of the main roadway into the WHRHS (estimated costs \$210,000), or take any other action relative thereto.
Proposed by the Whitman-Hanson Regional School District School Committee

note: all expenses for the Regional High School are assessed based on student enrollment; Whitman's enrollment is presently 59.82% of the student body for the region.

Article #10

To see if the Town will vote to raise and appropriate \$ 59,820 to pay Whitman's share of the cost to replace roof top units ERU 1 continues not to be dependable (located above the performing arts center) (estimated costs \$100,000), or take any other action relative thereto.
Proposed by the Whitman-Hanson Regional School District School Committee
(At WHRHS)

note: all expenses for the Regional High School are assessed based on student enrollment; Whitman's enrollment is presently 59.82% of the student body for the region.

Article #11

To see if the Town will vote to raise and appropriate \$14,000 to install a motorized physical education curtain for educational purposes to increased class size, or take any other action relative thereto.
(At Whitman Middle School)
Proposed by the Whitman-Hanson Regional School District School Committee

Article #12

To see if the Town will vote to raise and appropriate \$ 17,946 to pay Whitman's share of the cost to resurface the gymnasium floor after 15 years of use. This will completely sand and refinish floor to prevent to need of a complete gym floor replacement. (Estimated costs \$30,000), or take any other action relative thereto.
(At WHRHS)
Proposed by the Whitman-Hanson Regional School District School Committee

note: all expenses for the Regional High School are assessed based on student enrollment; Whitman's enrollment is presently 59.82% of the student body for the region.

WHRSD 2018-19 SY - District-Wide and Regional High School Cap... Asset Planning - 5 year Facility Needs - DRAFT Updated 3/13/2019

Facility	Acquired	Capital Improvement Request	Justification	Cond.	Use	Cost	FISCAL YEAR				
							FY-19	FY-20	FY-21	FY-22	FY-23
WHRHS	2005	Handicap Ramp to the existing press box	Construct a handicap ramp to the press box instead of the lift- Hanson Voted STM Oct 2018	poor	daily	\$70,000	x				
WHRHS	2005	Add thumb piece latches to all classroom and office doors	Safety and Security: The current locking system does not allow the locking of the door from inside the classroom without using a key	safety	heavy	\$35,000	x				
WHRHS	2005	EXISTING FIRELANE	Existing roadway/drainage does not meet standards: on matrix 3 years : Roadway is becoming worse due water and sheet draining across the road and increased sand and salt during poor weather conditions.	poor	daily	\$25,000	x				
WHRHS	2005	Purchase and install solar powered site lighting	Security lighting needed for the recreation area and other parking lot areas where trenching and access is limited for underground utilities.Apply for energy incentive rebates related to solar powered lighting	NA	daily	\$75,000	x				
WHRHS	2005	ROADWAY REPAIRS	Additional repairs needed	Poor	Heavy	\$210,000.00	X				
WHRHS	2005	ROOF TOP UNITS - REPLACEMENT	For example, ERU 1 continues not to be dependable. This unit feeds the Dr. John McEwan Performing Arts Center that is used daily and nightly.	Poor	Heavy	\$100,000.00	X				
WHRSD	1999	VEHICLE PURCHASE	Purchase two new facility vehicles. Existing vehicles are beyond the life expectancy	Poor	Daily	\$75,000.00	X				
WHRHS	2005	RESURFACE OUTDOOR TRACK	Useful life and to not resurface the track will deteriorate and would have to be replaced.	Fair	Heavy	\$225,000.00	X				
WHRHS	2005	GYM FLOOR REFINISH	Wear and tear after 15 years of use. This will be a complete sand and finish.	Fair	Heavy	\$30,000.00	X				
WHRHS	2005	SPRINKLER/IRRIGATION SYSTEM	Need replacement after 13 years of use -lower fields	Fair	Heavy	\$20,000.00		X			
WHRHS	2005	HIGH SCHOOL SAFETY LIGHTING - ROUTE 27	Traffic congestion, exiting and entering the high school property , for the safety of staff and students. Engineering study for the future install of the signal light.	Poor	Heavy	\$20,000.00			X		
WHRHS	2005	UPGRADE INTERCOM	To be able to notify all occupants during an emergency.	Poor	Heavy	TBD			X		
WHRHS	2005	WINDOW GLASS REPLACEMENT	Replace 10 insulated window units of different sizes, due to seal failure.	Poor	Heavy	\$15,000.00			X		
WHRHS	2005	ENERGY UPGRADE	Replace classroom T-8 fluorescent lights with LED	Fair	Heavy	\$111,000.00			X		
WHRHS	2005	ENERGY UPGRADE	Replace computer labs, cafeteria, music suite and gym lights with LED	Fair	Heavy	\$65,000.00			X		

Facility	Acquired	Capital Improvement Request	Justification	Cond.	Use	Cost	FISCAL YEAR			
							FY-19	FY-20	FY-21	FY-22
WHRHS	2005	CARPET REPLACEMENT	2nd floor replace all carpet flooring Need replacement after 13 years of use - upper fields	Fair	Heavy	\$45,000.00			X	
WHRHS	2005	SPRINKLER/IRRIGATION SYSTEM		Fair	Heavy	\$20,000.00			X	
WHRHS	2005	PHOTOVOLTAIC REPLACEMENT	Out of the 500 original photovoltaic, 9 damaged panels have been removed. The current missing panels need to be replaced with higher output panels.	Poor	Heavy	\$20,000.00			X	
WHRHS	2005	GYM FLOOR COVERING	Replace existing vinyl with carpet squares (Purchase over 3 years) - Year 1	Poor	Heavy	\$20,000.00			X	
WHRHS	2005	FIRE ALARM/SMOKE DETECTORS	Fire detection devices are reaching end of 10 year life. Replacement of field devices and/or panel replacement.	Fair	Daily	\$42,000.00			X	
WHRHS	2005	WIRELESS TOUCH AND POWER MAT MOVERS	Install wireless power touch for the operation of curtains, basketball hoops and mat movers. Install a new mat mover in gym for safety and better use of space	N/A	Daily	\$35,000.00			X	
WHRHS	2005	REPLACEMENT OF THE PHONE SYSTEM	The phone system is reaching its end of its useful life.	Fair	Daily	\$80,000.00			X	
WHRHS	2005	PARKING LOT RESURFACE - STUDENT/STAFF LOT	Lots crack sealed and seal coated in 2010. Parking areas are showing asphalt failure from frost heaves and remnants of cracks from weathering.	Poor	Heavy	\$350,000.00			X	
WHRHS	2005	FLOOR TILES	2 dozen tiles have been replaced, adhesion of floor is failing.	Poor	Heavy	\$30,000.00			X	
WHRHS	2005	GYM FLOOR COVERING	Replace existing vinyl with carpet squares (Purchase over 3 years) - Year 2	Poor	Heavy	\$20,000.00			X	
WHRHS	2005	CARPET REPLACEMENT	1st floor replace all carpet flooring	Fair	Heavy	\$45,000.00			X	
WHRHS	2005	GYM FLOOR COVERING	Replace existing vinyl with carpet squares (Purchase over 3 years) - Year 3	Poor	Heavy	\$20,000.00			X	
WHRHS	2005	ADDITIONAL PARKING	Additional parking needed for lower lots to facilitate the access of emergency vehicles & personnel.	Poor	Heavy	\$110,000.00			X	
WHRHS	2005	CARPET REPLACEMENT	3rd floor replace all carpet flooring	Fair	Heavy	\$45,000.00			X	
WHRHS	2005	CAFETERIA FLOOR REFINISH	Replace vct floor tile, heavy usage.	Fair	Heavy	\$25,000.00			X	

WHRSD 2018-19 SY - District-Wide and Regional High School Capital Asset Planning - 5 year Facility Needs - DRAFT Updated 3/13/2019

Facility	Acquired	Capital Improvement Request	Justification	Cond.	Use	Cost	FISCAL YEAR			
							FY-19	FY-20	FY-21	FY-22
WHRHS	2005	CARPET REPLACEMENT	2nd floor replace all carpet flooring Need replacement after 13 years of use - upper fields	Fair	Heavy	\$45,000.00		X		
WHRHS	2005	SPRINKLER/IRRIGATION SYSTEM		Fair	Heavy	\$20,000.00		X		
WHRHS	2005	PHOTOVOLTAIC REPLACEMENT	Out of the 500 original photovoltaic, 9 damaged panels have been removed. The current missing panels need to be replaced with higher output panels.	Poor	Heavy	\$20,000.00		X		
WHRHS	2005	GYM FLOOR COVERING	Replace existing vinyl with carpet squares (Purchase over 3 years) - Year 1	Poor	Heavy	\$20,000.00		X		
WHRHS	2005	FIRE ALARM/SMOKE DETECTORS	Fire detection devices are reaching end of 10 year life. Replacement of field devices and/or panel replacement.	Fair	Daily	\$42,000.00		X		
WHRHS	2005	WIRELESS TOUCH AND POWER MAT MOVERS	Install wireless power touch for the operation of curtains, basketball hoops and mat movers. Install a new mat mover in gym for safety and better use of space	N/A	Daily	\$35,000.00		X		
WHRHS	2005	REPLACEMENT OF THE PHONE SYSTEM	The phone system is reaching its end of its useful life.	Fair	Daily	\$80,000.00		X		
WHRHS	2005	PARKING LOT RESURFACE - STUDENT/STAFF LOT	Lots crack sealed and seal coated in 2010. Parking areas are showing asphalt failure from frost heaves and remnants of cracks from weathering.	Poor	Heavy	\$350,000.00		X		
WHRHS	2005	FLOOR TILES	2 dozen tiles have been replaced, adhesion of floor is failing.	Poor	Heavy	\$30,000.00		X		
WHRHS	2005	GYM FLOOR COVERING	Replace existing vinyl with carpet squares (Purchase over 3 years) - Year 2	Poor	Heavy	\$20,000.00		X		
WHRHS	2005	CARPET REPLACEMENT	1st floor replace all carpet flooring	Fair	Heavy	\$45,000.00		X		
WHRHS	2005	GYM FLOOR COVERING	Replace existing vinyl with carpet squares (Purchase over 3 years) - Year 3	Poor	Heavy	\$20,000.00		X		
WHRHS	2005	ADDITIONAL PARKING	Additional parking needed for lower lots to facilitate the access of emergency vehicles & personnel.			\$110,000.00			X	
WHRHS	2005	CARPET REPLACEMENT	3rd floor replace all carpet flooring	Poor	Heavy	\$45,000.00			X	
WHRHS	2005	CAFETERIA FLOOR REFINISH	Replace vct floor tile, heavy usage.	Fair	Heavy	\$25,000.00				X

Facility	Acquired	Capital Improvement Request	Justification	Cond.	Use	Cost	FISCAL YEAR			
							FY19	FY20	FY21	FY22
*HANSON MIDDLE	1999	HVAC-Phase #2 1st Floor	Extend controls to various systems. Add CO2 resets for energy savings. Install split system (16) classrooms	Poor	Heavy	\$675,000	X			
*HANSON MIDDLE INDIAN HEAD	1999	Add thumb piece latches to all classroom and office doors	Safety and Security: The current locking system does not allow the locking of the from inside the classroom	safety	heavy	\$38,000	x			
* INDIAN HEAD		INDIAN HEAD 2ND FLOOR CEILING PROJECTS	Identified issue from original ceiling falling through the 1999 replacement tile. Remove and install new ceilings on 2nd floor classrooms: 217, 218, teachers room and corridor.	Poor	Heavy	\$55,000.00	X			
*INDIAN HEAD	1999	ROOF REPAIRS	Old library pitched roof needs replacement	Poor	Heavy	\$65,000	X			
*INDIAN HEAD		PARKING SPACES ON SCHOOL ST	Replace gravel spaces with asphalt	Safety	Daily	\$45,000.00	X			
*HANSON MIDDLE	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	X			
*HANSON MIDDLE	1998	AUDITORIUM THEATRICAL LIGHTING AND STAGE CURTAINS	Replace failing theatrical lighting system. Lighting system is nearly 20 years old. Replace onstage lighting and controls with newer LED technology. Currently has inadequate curtains. Needs new leg and border curtains.	Poor	Heavy	\$38,000	X			
*INDIAN HEAD	1951	KITCHEN EQUIPMENT REPLACEMENT: STEAMER	Per Director of Food Services, Steamer needs replacement. We will work with green communities to determine if grant fund are available. New unit is energy efficient.	Poor	Heavy	\$50,000		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	X			
*HANSON MIDDLE	1999	REPLACE TILES (4) CLASSROOMS	Tiles are lifting	Poor	Heavy	\$25,000	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		X		
*INDIAN HEAD	1978	REPLACE/REFURBISHED GENERATOR	Generator will require a complete refurbished/replacement due to life expectancy of the unit.	Poor	Heavy	\$100,000			X	