

**Board of Education  
Special Board Meeting**

Monday, November 9, 2020

Remote Meeting via ZOOM - [www.dupage88.net/boardstream](http://www.dupage88.net/boardstream)

2 Friendship Plaza

Addison, Illinois 60101

7:00 PM

**AGENDA**

**1. Call To Order**

**2. Pledge of Allegiance**

**3. Roll Call**

**4. Petitions and Hearings** It is the practice of this Board of Education to provide a place on the agenda for and welcome comments and suggestions from the public. Public comments can be submitted online at [www.dupage88.net/BoardMeetingCard](http://www.dupage88.net/BoardMeetingCard), or sent by e-mail to [dbrink@dupage88.net](mailto:dbrink@dupage88.net).

**5. Information/Discussion Items**

A. Master Facility Plan

2

**TO:** Dr. Scott Helton  
Dr. Jean Barbanente  
Board of Education

**DATE:** November 3, 2020

**FROM:** Mr. Edward Hoster

**RE: Building Improvement Project Recommendation for 2021-22**

Attachments:

1. Master Facility Plan – Priorities for 2021-22, with rational statements
2. Master Facility Plan – Full Set with cell notations

We are presenting the recommended list of building improvement projects for next fiscal year 2021-22 for further discussion with the board. The process that we have followed in the past is to work with the Building & Grounds Committee to evaluate the recommended projects and refine the recommendation to present to the full board for approval. This year, as agreed at the October 19, 2020 board meeting, we are engaging the full board in this planning discussion for not only the coming year but to continue the work throughout this year to establish a draft recommendation for 2022-23 and 2023-24. The comprehensive Master Facilities Plan (attached) has been the guide for this planning work and we continue to refine the scope of work and cost estimates with the help of the architect, engineers and outside vendors. This planning process is dynamic in that additional projects are identified over time, circumstances change at the two schools given their age and use, new programs may require additional resources etc. Given that there are currently 84 projects, we have categorized them as either Conditional (necessary to maintain/replace) or Programmatic (directly support specific programs or areas). Further, following prior discussions with the Building & Grounds Committee, we have scoured the archives to identify the list(s) of projects that were discussed but not completed during the Building The Future construction project. Although they were already included in the list, they are now identified with a specific color and column identifier to possibly assist in the prioritization process. The latest updates as of October include recent pricing from 20/10 Engineering regarding some of the mechanical equipment (roof top units, boilers etc.) and some other vendor pricing for various projects. Finally, there are still some projects that we are working to obtain cost estimates and those are indicated in yellow with a single \$1 in the cell. In some cases these will require further discussion as to the scope (ie concession stand at Willowbrook, kitchen equipment replacement) or further assessment like air handling units or the foul ball backstop at Addison Trail.

To focus the discussion for the November 9, 2020 meeting we are providing a specific recommended list of projects after further discussion with the administrative team, Wight & Co. and 20/10 Engineering. The funding for this work will be split across the Capital Projects Fund and the Operation & Maintenance (O&M) Fund. There is approximately \$1,500,000 of remaining working cash bond proceeds assigned for these types of capital projects. In addition, we have been funding approximately \$500,000 annually from the O&M Fund depending on the final recommended list of projects. As we discussed at the October 6, 2020 Building & Grounds Committee meeting, there will be future consideration by the board for additional borrowing to fund ongoing facility projects beginning in the year 2022-23. That discussion and the planning for future borrowing will begin in the spring 2021.

## **Master Facility Project Recommendations for 2021-22**

The following information will provide a deeper explanation regarding the background and rationale for each project presented for consideration to complete during the fiscal year 2021-22.

### **North tennis court replacement - WBHS**

This 8 court area was closed December 1, 2014, due to serious disrepair and included on the list of projects for future consideration. The most recent comprehensive cost estimate information was prepared and reviewed with the Board at the October 19, 2020 meeting.

### **Stadium track resurfacing - WBHS**

This track surface was installed in the year 2010 with an approximate life of eight years according to Midwest Track Builders. The existing surface is showing signs of wear and it is recommended that the pavement be resurfaced before further damage occurs and increases the cost of repairs or replacement.

### **Stadium sound system upgrade - ATHS**

When the current sound system was purchased it was not a complete array of speakers. The current speaker is for long distances and we need additional equipment and speakers for the home side which will increase the clarity of the sound for our fans.

### **Varsity baseball field backstop/foul ball corrective work - ATHS**

Foul balls are leaving the field above the existing fencing and netting that was installed during the BTF project along the first base line. Scope of work is focused on correcting this to avoid any injury to others in adjacent areas. Wight & Co. is recommending a trajectory assessment be completed due to the location of existing poles/netting behind dugout which is not normal.

### **Varsity baseball outfield renovation - ATHS**

The outfield on the baseball field is constantly flooded due to the low spots in centerfield. This is a problem in the months of March, April, and into May when it is colder and the water doesn't soak up in the ground as fast. The water pools and creates a very wet and muddy playing surface making footing in the outfield very poor and unstable, therefore dangerous to the outfielder. This mud and dirt hardens into lips that can cause dangerous hops from the baseball, as well as a player running and not seeing one of these because he is tracking a ball, could trip or far worse injure a knee or ankle.

### **East gymnasium painting and new pads - ATHS**

The east gym is utilized for classes, as well as after school athletics. There is the original glazed block that was not painted during BTF. This would bring it up to the standard of the rest of the building. Pads are also needed along the walls where the heating register is found and behind the bench where teams sit.

### **Auditorium curtain replacement - ATHS**

Existing curtains have been repaired many times already and are now in need of replacement. Original curtains from 2002, This includes the main red curtain as well as the black side curtains on the stage.

### **Field house curtain repair/replacement and expansion - ATHS**

Three of the existing curtains are showing signs of wear and need new panels/repair, 2 in the middle and one on the southeast turn; We also want to add a new curtain near the alcove on the southeast corner for storage.

### **Classroom divider curtain replacement - ATHS**

The classroom divider curtain between rooms 221 and 225. When classes are scheduled in both rooms during the same period the sound coming from each room is a distraction to the lesson in the opposite room.

### **Roof replacement for B-Wing - WBHS**

This is the second of three roofing areas above the B-Wing at Willowbrook that needs replacement. The total square footage is 14,410 and we would be replacing with the district standard asphalt built-up system that provides a 20 year warranty from Garland. The scope of work has been defined by both coring samples and infrared scanning to determine the subsurface conditions.

### **Reconstruction of pavement on west side - WBHS**

The existing pavement on the west side of the campus along the back drive, serving the main dock delivery area, has been in disrepair for many years and was one of the areas that was not repaved during the 2008 to 2011 Building the Future project. It has been patched many times but Wight & Co. civil engineering recommended in 2018 that the subgrade base be reconstructed and new pavement installed to address deep rutting and on-going deterioration.

### **Tuckpointing and window sealant repairs - ATHS & WBHS**

This is an on-going maintenance allowance for the exterior masonry and windows using the 2016 Wiss, Janney, Elstner Associates, Inc. assessment report as a guide and in consultation with Mr. Seegers from Seegers Architects. The immediate focus since 2018 has been targeting a few areas where water is penetrating but mostly preventative work at both schools due to age of masonry and sealant.

At Willowbrook we would target continuation of the areas by North side of B Wing to the east, power washing, cleaning and resealing all windows 3 stories.

At Addison Trail we would target continuation for repairs above door #5 and to the east by doors 6 and 7.

At both schools we are looking to address the field house sealant replacement {currently latex having reached maximum life} that is exhibiting signs of failure.

### **Rooftop HVAC unit replacement - Main Gymnasium ATHS**

These units provide both heating and cooling to the space and are exhibiting on-going operational problems for many years. Although repairs are being made each time, the downtime of units is a serious concern. The manufacturer has not been able to provide an explanation for why this unit is not performing properly. The recommendation from 20/10 Engineering is to make this a priority for replacement.

# MASTER FACILITIES PLAN ~ PRIORITIES FOR 2021-22 With 2023 & 2024

**Items denoted in this color below represent the "incomplete" Post BTF projects {source Wight "b" and "c" list} see tabs**

<b>Programmatic</b>									
<b>Projects</b>	<b>Post BTF Outstanding project ?</b>	<b>Install Date</b>	<b>Building</b>	<b>Years (Exceeding or Remaining) per ASHRAE</b>	<b>Clarifying Notes</b>	<b>To Be Assigned</b>	<b>2021 - 2022</b>	<b>2022 - 2023</b>	<b>2023 - 2024</b>
<b>Maintenance - Exterior - Athletics</b>									
WBHS Tennis Court Resurface - South		1961	WB			\$131,819			
Add Lighting to South Courts			WB			\$210,624			
Removal Tennis Courts - South			WB			\$184,300			
WBHS Tennis Court Reconstruction - North Courts including retrofit existing lighting	Y	1961	WB				\$495,000		
Removal Tennis Courts North			WB			\$112,300			
WBHS Stadium track resurfacing and "D" areas in end zones		2010	WB				\$100,000		
Artificial Turf Replacement - Carpet Main Stadiums		2008	AT					\$560,000	
Artificial Turf Replacement - Carpet Main Stadiums		2008	WB					\$560,000	
Artificial Turf Replacement - Carpet Auxilliary Field includes softball outfield area		2009	AT					\$0	\$740,000
Baseball Backstop Replacement - Freshman			WB			\$15,000			
Softball Backstop Replacement - Freshman			WB			\$10,000			
Softball Backstop Replacement - Varsity			WB			\$15,000			
Stadium Concession Stand Upgrades	Y		WB			\$1			
Baseball and Softball dugouts on fields with none	Y		AT			\$80,000			
Basement Athletic Storage with cages and storage casework	Y		AT			\$20,000			
Outdoor athletic storage building	Y		AT			\$35,000			
Pressbox at Varsity Baseball and Softball	Y		AT			\$60,000			
Stadium Sound Upgrade			AT		Expand speakers, add wireless mic		\$15,000		
Varsity Baseball Field - Backstop (Replace or Expand)			AT		foul balls to tennis courts problem, extend netting higher/angle or add fencing?		\$1		
Varsity Baseball Field - Add Lighting (5 lights)	Y		AT			\$100,000			
Varsity Baseball Field - Outfield Renovation (currently uneven)			AT				\$1		

Programmatic (Cont'd)									
Projects	Post BTF Outstanding project ?	Install Date	Building	Years (Exceeding or Remaining) per ASHRAE	Clarifying Notes	To Be Assigned	2021 - 2022	2022 - 2023	2023 - 2024
<b>Maintenance - Mechanical</b>									
PE Locker Rooms add Air Conditioning	Y		WB			\$492,000			
PE Locker Room Lockers - Replace - Female	Y		WB			\$1			
Science Lab - Potential New due to Increased Enrollment in Science & SPED			WB			\$1			
East Gym paint glazed block and add pads to register	Y		AT		no padding in there now to protect		\$1		
PE Locker Rooms add Air Conditioning	Y		AT			\$288,000			
<b>Program Improvement</b>									
Air Conditioning Career/Technical Educ. Classrooms ATHS			AT			\$695,000			
Air Conditioning Career/Technical Educ. Classrooms WBHS	Y		WB			\$426,000			
Auditorium Stage Lighting	Y		WB			\$1			
Auditorium Stage Sound	Y		WB			\$1			
Auditorium Curtains- replace		2002	AT		major disrepair, multiple stitching completed		\$48,000		
Auditorium Seats-replace original			AT			\$300,000			
Field House dividers-replacement of worn and frayed curtains			AT		Replace 3 curtains, 2 middle and 1 corner, add curtain by alcove to B&G Office		\$1		
Room Divider-Replace accordian style in 221 & 225			AT				\$25,000		
Parking Lot Expansion - on hold as of Fall 2020			D. Office			\$215,000			
<b>Total Programmatic</b>						<b>\$3,390,048</b>	<b>\$683,004</b>	<b>\$1,120,000</b>	<b>\$740,000</b>
			AT			\$1,578,000	\$88,004	\$560,000	\$740,000
			WB			\$1,597,048	\$595,000	\$560,000	\$0
			DO			\$215,000	\$0	\$0	\$0

<b>Conditional</b>									
Projects		Install Date	Building	Years (Exceeding or Remaining) per ASHRAE	Clarifying Notes	To Be Assigned	2021 - 2022	2022 - 2023	2023 - 2024
<b>Safety &amp; Security</b>									
ADA / Civil Rights Compliance Corrective Work ATHS		#N/A	AT			\$1			
ADA / Civil Rights Compliance Corrective Work WBHS - Stadium Bleacher Visitor; Main Gym Bleachers; Auditorium Seating	Y		WB			\$1			
<b>Maintenance - Exterior - Envelope</b>									
WBHS Roof Repairs {B Wing, Center area 2 of 3 14,410 sf }		1995	WB	(14)			\$403,000		
WBHS Roof Repairs {B Wing, East area 3 of 3 13,310 sf }		1995	WB	(14)				\$400,000	
WBHS Roof Repairs {Commons Corner and Old Music Area 10,100 sf }			WB						\$250,000
Reconstruct Back Drive (Autos to Entrance of the South Parking Lot - WBHS)	Y		WB				\$471,400		
Reconstruct North Parking Lot - WBHS	Y		WB			\$175,000			
Building Envelope Maintenance - Tuckpointing, window sealant etc Annual Allowance			AT				\$50,000	\$50,000	\$50,000
Building Envelope Maintenance - Tuckpointing, window sealant etc Annual Allowance			WB				\$50,000	\$50,000	\$50,000
AHU Kitchen/Cafeteria		1965	AT	(40)	Option to replace only steam/hot water coil	\$25,000			
AHU Room 10		1965	AT	(40)	Replace Coil	\$20,000			
AHU Fitness Center		1965	AT	(40)	Replace Coil	\$30,000			
AHU Wrestling Gym		1965	AT	(40)	Replace Coil	\$15,000			
AHU Manufacturing Lab		1965	AT	(40)	Replace Coil	\$20,000			
AHU Mainenance Garage		1965	AT	(40)	Replace Coil	\$10,000			
AHU Student Cafeteria (Unit F)		1958	WB	(47)	Option to replace only steam/hot water coil	\$17,000			
AHU Faculty Dining (Unit G)		1958	WB	(47)	Replace Coil	\$12,000			
AHU Kitchen (Unit H)		1958	WB	(47)	Replace Coil	\$25,000			
AHU Girls Locker Rm. (Unit L)		1958	WB	(47)	Replace Coil	\$15,000			
AHU Field House Foyer (Unit P)		1958	WB	(47)	Replace Coil	\$1,300			
AHU Fitness Center (Unit Q)		1958	WB	(47)	Replace Coil	\$17,000			
AHU Backstage (Unit S)		1958	WB	(47)	Replace Coil	\$17,000			
Window Replacement Cycle Phase 1 of 3		1991	AT	(3)		\$245,000			

<b>Conditional (Cont'd)</b>									
<b>Projects</b>	<b>Install Date</b>	<b>Building</b>	<b>Years (Exceeding or Remaining) per ASHRAE</b>	<b>Clarifying Notes</b>	<b>To Be Assigned</b>	<b>2021 - 2022</b>	<b>2022 - 2023</b>	<b>2023 - 2024</b>	
Window Replacement Cycle Phase 1 of 3	1991	WB	(3)		\$245,000				
AHU Graphics/Drafting (Unit S-1)	1975	AT	(30)	Option to replace only steam/hot water coil	\$20,000				
AHU Dance (Unit S-4)	1975	AT	(30)		\$15,000				
AHU Gymnastics (Unit S-5)	1975	AT	(30)		\$22,000				
AHU East Gym (Unit S-6)	1975	AT	(30)		\$22,000				
AHU Driver Ed (Unit S-7)	1975	AT	(30)		\$0				
AHU Woods Shop (Unit S-8)	1975	AT	(30)		\$15,000				
AHU Auto Shop (Unit S-9)	1975	AT	(30)		\$15,000				
AHU Auto Shop (Unit S-1F)	1975	WB	(30)	Option to replace only steam/hot water coil	\$15,000				
AHU Auto Shop (Unit S-2F)	1975	WB	(30)		\$17,000				
Window Replacement Cycle Phase 2 of 3		AT			\$257,250				
Window Replacement Cycle Phase 2 of 3		WB			\$257,250				
ATHS York Rooftop HVAC equipment for student cafe	2003	AT	(2)		\$105,000				
ATHS Trane Rooftop HVAC equipment for faculty cafe	2002	AT	(3)		\$45,000				
ATHS Trane Rooftop HVAC equipment for Main Gym	2009	AT		on-going operational problems, multiple compressors and fan motors; both Heating and Cooling		\$220,000			
WBHS Rooftop Carrier HVAC equipment for AD office	1995	WB	(10)	Cooling only	\$40,000				
WBHS Rooftop Trane HVAC equipment for Rm 123 Bookstore	1995	WB	(10)		\$25,000				
WBHS Rooftop Trane HVAC equipment for Faculty Cafe	2001	WB	(10)		\$45,000				
WBHS Rooftop Goodman HVAC equipment for B&G Office	1995	WB	(10)		\$40,000				
WBHS Rooftop Carrier HVAC equipment for Student Cafe	2002	WB	(10)		\$120,000				
Culvert Replacement - WBHS - Near Front Gates		WB			\$150,000				
Culvert Replacement - WBHS - Ramp to South Tennis Courts		WB		washed out spring 2020, replacing summer 2021 with insurance \$ less \$2500 deductible		\$1			
Concrete and Curbing Repairs - ATHS - Ongoing		AT			\$80,000				

<b>Conditional (Cont'd)</b>									
<b>Projects</b>		<b>Install Date</b>	<b>Building</b>	<b>Years (Exceeding or Remaining) per ASHRAE</b>	<b>Clarifying Notes</b>	<b>To Be Assigned</b>	<b>2021 - 2022</b>	<b>2022 - 2023</b>	<b>2023 - 2024</b>
Concrete and Curbing Repairs - WBHS - Ongoing Phase I all areas except floodway			WB			\$125,000			
Concrete and Curbing Repairs - WBHS - Phase II Floodway area, South Side			WB			\$87,000			
Window Replacement Cycle Phase 3 of 3			AT			\$270,115			
Window Replacement Cycle Phase 3 of 3			WB			\$270,115			
Exterior Door Replacement Cycle			AT					\$25,000	\$50,000
Exterior Door Replacement Cycle			WB					\$25,000	\$50,000
<b>Maintenance - Mechanical</b>									
ATHS Boiler Burner Replacement & Refurbish Unit #1		1965	AT	(30)	Fire eye replaced 2003; gas train valves repl. 2005	\$170,000			
ATHS Boiler Burner Replacement & Refurbish Unit #2		1965	AT	(30)	Fire eye replaced 2003; gas train valves repl. 2005	\$170,000			
ATHS Boiler Burner Replacement & Refurbish Unit #3		1965	AT	(30)	Fire eye replaced 2003; gas train valves repl. 2005	\$170,000			
WBHS Boiler Burner Replacement - Steam Boiler #1		1959	WB	(36)	Fire eye replaced 1990; 2005 tubes&tube sheets, gas train valves replaced	\$120,000			
WBHS Boiler Burner Replacement - Steam Boiler #2		1959	WB	(36)	Fire eye replaced 1990; 2005 tubes&tube sheets, gas train valves replaced	\$120,000			
WBHS Boiler Burner Replacement - Steam Boiler #3		1959	WB	(36)	Fire eye replaced 1990; 2005 tubes&tube sheets, gas train valves replaced	\$120,000			
District Office -Boiler Replacement - 2 Units and install combustion dampers			DO					\$148,121	
WBHS Kitchen Updates - Stoves, Ovens, Coolers, Freezers, Dishwasher, etc.		1959	WB			\$1			
ATHS Kitchen Updates - Stoves, Ovens, Coolers, Freezers, etc.		#N/A	AT			\$1			
Auditorium - Remove Existing 9"x9" Tile	Y		WB			\$1			
<b>Maintenance - Other</b>									
WBHS - Fitness Area Flooring Replacement		2009 to 2011	WB			\$1			
ATHS - Fitness Area Flooring Replacement		2009 to 2011	AT			\$1			
Landscaping of the west and north side of building			AT			\$20,000			

Conditional (Cont'd)									
Projects	Install Date	Building	Years (Exceeding or Remaining) per ASHRAE	Clarifying Notes	To Be Assigned	2021 - 2022	2022 - 2023		
<i>3 Year Phase in of Carpet Tile</i>		AT					\$1	\$1	
<i>3 Year Phase in of Carpet Tile</i>		WB					\$1	\$1	
<b>Total Conditional</b>					<b>\$3,837,037</b>	<b>\$1,194,401</b>	<b>\$698,123</b>	<b>\$450,002</b>	
		AT			\$1,761,368	\$270,000	\$75,001	\$100,001	
		WB			\$2,075,669	\$924,401	\$475,001	\$350,001	
		DO			\$0	\$0	\$148,121	\$0	
<b>Total Combined (Programmatic + Conditional)</b>					<b>\$7,227,085</b>	<b>\$1,877,405</b>	<b>\$1,818,123</b>		
		AT			\$3,339,368	\$578,004	\$635,001		
		WB			\$3,672,717	\$1,519,401	\$1,035,001		
		DO			\$215,000	\$0	\$148,121		
<b>Funding Sources</b>									
Capital Project Funding Available						\$1,500,000			
<i>{Working Cash Series 2018 Bonds Balance \$1,500,000 as of 10/2020}</i>									
Local Funding (O& M Fund / Reserves)						\$550,000			
Capital Project Funding State Budget - ISBE						\$0			
<b>TOTAL FUNDING AVAILABLE =</b>						<b>\$2,050,000</b>			
<i>Build Illinois Funding per HB0062 - WBHS designated for ADA Compliance {\$269,786} not sure when will be released</i>									

11/5/2020

MASTER FACILITIES PLAN

Cell: T6

Comment: Oct 2020 quote from US Tennis and fencing repairs American Fence

Cell: T7

Comment: Oct 2020 estimate for new power ComEd from Wight (Kyle) and new poles etc. Omega Sign & Lighting for Tennis Courts Only - does not include lighting for Baseball at this time

Cell: T8

Comment: Oct 2020 quote from Alpine Demolition

Cell: U9

Comment: Oct 2020 updated quotations from US Tennis, Lighting refurbish and new fencing; see separate cost analysis Google or G Drive

Cell: T10

Comment: Oct 2020 quote from Alpine Demolition

Cell: U11

Comment: April 2020 Assessment and Quotation from Midwest Track \$90,000; presently 10 years old ~ 4 years beyond manufacturer resurfacing recommendation

Cell: V12

Comment: Sept 2020 Kyle updated estimate includes cool play add

Cell: V13

Comment: Sept 2020, Kyle updated using current cost of similar projects; includes cool play add

Cell: W14

Comment: Sept 2020 Kyle based upon larger square footage than stadiums but using Field Turf costs as of this year for similar projects

Cell: T15

Comment: Oct 2020, old quotation, need to update year before proceeding

Cell: T16

Comment: Oct 2020, old quotation, need to update year before proceeding

Cell: T17

Comment: Oct 2020, old quotation, need to update year before proceeding

Cell: T18

Comment: Oct 2019 B&G Committee reviewed on site tour, need A&E Design Services to define scope and provide a budget estimate

Cell: T19

Comment: Cost est. is from list back in 2009, Post BTF proj list - need updating before proceeding

Cell: T20

Comment: Cost est. is from list back in 2009, Post BTF proj list - need updating before proceeding

Cell: T21

Comment: Cost est. is from list back in 2009, Post BTF proj list - need updating before proceeding

Cell: T22

Comment: Cost est. is from list back in 2009, Post BTF proj list - need updating before proceeding

Cell: U23

Comment: Quote from Sound Inc Nov 2019 for upgrading equipment in press box, adding speaker and providing wireless mic

Cell: U24

Comment: March 2020 Wight & Co assessed, looking for actual pole depth for structural info to either expand or replace to go higher with netting as one option; October 2020 Wight recommending trajectory analysis, Tanner Consulting quote for \$3500 to complete

Cell: T25

Comment: Cost est. is from list back in 2009, Post BTF proj list - need updating before proceeding

Cell: U26

Comment: Oct 2020, working with qualified vendors for updated quotations

11/5/2020

MASTER FACILITIES PLAN

Cell: T30

Comment: Feb 2020 Estimates and detailed assessment completed by 20/10 Engineering and Wight & Co

Cell: T32

Comment: Oct 2020, Per Dr. Krause, enrollment is not driving this project right now like it was in 2019

Cell: U33

Comment: Oct 2020, Install new pads, paint glazed block in-house approx. \$2400

Cell: T34

Comment: Feb 2020 Estimates and detailed assessment completed by 20/10 Engineering and Wight & Co

Cell: T36

Comment: Feb 2020 Estimates and detailed assessment completed by 20/10 Engineering and Wight & Co

Cell: T37

Comment: Feb 2020 Estimates and detailed assessment completed by 20/10 Engineering and Wight & Co

Cell: U40

Comment: Oct 2020

Received a budget quote from PRotolight and Grandstage. We may need a rigging inspection prior to company install of drapery. Price includes installation shipping and lift rental.

Cell: T41

Comment: Oct 2020 Need updated cost estimate, define type of seating, with or without tablets and material to obtain pricing per Wight

Cell: U42

Comment: Oct 2020 need cost from vendor(s); latest from Haldemann in 2017 was repairs to only 2, will update

Cell: T43

Comment: Oct 2020 need to verify with vendor(s)

Cell: U43

Comment: Oct 2020 quote from Hufcor who provides many of our room divider replacements \$27,000

Cell: A44

Comment: type here

concept with Village of Addison, to expand current 37 spots to add 22 spots

Cell: T44

Comment: Spring 2019 cost est from Village of Addison engineer dept

Cell: E54

Comment: Conservative life expectancy measure used to evaluate conditions and is not "given" for replacement; intended to be 1 metric for evaluation

Cell: U59

Comment: Sept 2020 Wight & Co budget estimate including roof cores for wetness and insulation = \$403,000 including 15% contingency and \$20,000 allowance

Cell: U62

Comment: Sept 20 Kyle updated

1/9/20 updated Byron estimate from January 2019 with 3% inflation factor

Cell: T63

Comment: Estimate from Wight back in 2017-18, will need to update before proceeding

Cell: F66

Comment: Nov 2020 per 20/10 Engineering full replacement of all 7 of the 1965 units at ATHS , although not completely necessary for AHU, would be estimate of \$802,000

Cell: T66

Comment: 11/5/20 See Detailed Report from 20/10 Engineering with Optional pricing to replace only HW or Steam coil, keep remainder of unit in tact along with BAS connectivity etc.

11/5/2020

MASTER FACILITIES PLAN

Cell: F72

Comment: Nov 2020 per 20/10 Engineering full replacement of all 7 of the 1958 units at WBHS , although not completely necessary for AHU, would be estimate of \$653,000

Cell: T72

Comment: 11/5/20 See Detailed Report from 20/10 Engineering with Optional pricing to replace only HW or Steam coil, keep remainder of unit in tact along with BAS connectivity etc.

Cell: F83

Comment: Nov 2020 per 20/10 Engineering full replacement of all 7 of the 1975 units at ATHS , although not completely necessary for AHU, would be estimate of \$685,000

Cell: T83

Comment: 11/5/20 See Detailed Report from 20/10 Engineering with Optional pricing to replace only HW or Steam coil, keep remainder of unit in tact along with BAS connectivity etc.

Cell: T87

Comment: Per 20/10 Engineering, no coil in unit, utilizes remote duct mounted heating coils

Cell: F90

Comment: Nov 2020 per 20/10 Engineering full replacement of the 2 1975 units at WBHS , although not completely necessary for AHU, would be estimate of \$185,000

Cell: T94

Comment: Oct 2020 Estimate from 20/10 engineering

Cell: T95

Comment: Oct 2020 Estimate from 20/10 engineering

Cell: A96

Comment: Lead time to replace RTU approx. 6-8 weeks

Cell: U96

Comment: Oct 2020 Estimate from 20/10 engineering

Cell: T97

Comment: Oct 2020 Estimate from 20/10 engineering

Cell: T98

Comment: Oct 2020 Estimate from 20/10 engineering

Cell: T99

Comment: Oct 2020 Estimate from 20/10 engineering

Cell: T100

Comment: Oct 2020 Estimate from 20/10 engineering

Cell: T101

Comment: Oct 2020 Estimate from 20/10 engineering

Cell: U103

Comment: Oct 2020 Civil Engineers completing wetland studies, permitting and then design scope and provide budget estimate for replacement

Cell: T104

Comment: Oct 2020 confirmed by Wight &Co budget estimate

Cell: T108

Comment: Oct 2020 confirmed by Wight &Co budget estimate

Cell: T109

Comment: Oct 2020 confirmed by Wight &Co budget estimate

Cell: T115

Comment: Oct 2020 Cost Estimate from 20/10 engineering to replace burner and refurbish for 20-25 yr life; Need to complete vessel wall assessment to verify safe thickness remaining;  
Cost to replace is \$580,000 per boiler see report, BUT  
per Jeff C @ 20/10 not necessary, could refurbish and replace burners

11/5/2020

MASTER FACILITIES PLAN

Cell: T116

Comment: Oct 2020 Cost Estimate from 20/10 engineering to replace burner and refurbish for 20-25 yr life; Need to complete vessel wall assessment to verify safe thickness remaining; Cost to replace is \$580,000 per boiler see report, BUT per Jeff C @ 20/10 not necessary, could refurbish and replace burners

Cell: T117

Comment: Oct 2020 Cost Estimate from 20/10 engineering to replace burner and refurbish for 20-25 yr life; Need to complete vessel wall assessment to verify safe thickness remaining; Cost to replace is \$580,000 per boiler see report, BUT per Jeff C @ 20/10 not necessary, could refurbish and replace burners

Cell: T118

Comment: Oct 2020 Cost Estimate from 20/10 Engineering to refurbish with new burner only \$120,000 as valve trains were replaced in 2005; New boilers would be \$585,000 see report

Cell: T119

Comment: Oct 2020 Cost Estimate from 20/10 Engineering to refurbish with new burner only \$120,000 as valve trains were replaced in 2005; New boilers would be \$585,000 see report

Cell: T120

Comment: Oct 2020 Cost Estimate from 20/10 Engineering to refurbish with new burner only \$120,000 as valve trains were replaced in 2005; New boilers would be \$585,000 see report

Cell: T122

Comment: Sept 2020 working with Charwells Food Service to update list of equipment that needs to be replaced; already refurbished units needed when they came under contract 2016

Cell: T123

Comment: Sept 2020 working with Charwells Food Service to update list of equipment that needs to be replaced; already refurbished units needed when they came under contract 2016

# MASTER FACILITIES PLAN - FULL SET WITH NOTES

Items denoted in this color below represent the "incomplete" Post BTF projects {source Wight "b" and "c" list} see tabs											
Programmatic											
Projects	Post BTF Outstanding project ?	Install Date	Building	Years (Exceeding or Remaining) per ASHRAE	Clarifying Notes	To Be Assigned	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025	2025-26
<b>Maintenance - Exterior - Athletics</b>											
WBHS Tennis Court Resurface - South		1961	WB			\$131,819 [1]					
Add Lighting to South Courts			WB			\$210,624 [2]					
Removal Tennis Courts - South			WB			\$184,300 [3]					
WBHS Tennis Court Reconstruction - North Courts including retrofit existing lighting	Y	1961	WB				\$495,000 [4]				
Removal Tennis Courts North			WB			\$112,300 [5]					
WBHS Stadium track resurfacing and "D" areas in end zones		2010	WB				\$100,000 [6]				
Artificial Turf Replacement - Carpet Main Stadiums		2008	AT					\$560,000 [7]			
Artificial Turf Replacement - Carpet Main Stadiums		2008	WB					\$560,000 [8]			
Artificial Turf Replacement - Carpet Auxilliary Field includes softball outfield area		2009	AT					\$0	\$740,000 [9]		
Baseball Backstop Replacement - Freshman			WB			\$15,000 [10]					
Softball Backstop Replacement - Freshman			WB			\$10,000 [11]					
Softball Backstop Replacement - Varsity			WB			\$15,000 [12]					
Stadium Concession Stand Upgrades	Y		WB			\$1 [13]					
Baseball and Softball dugouts on fields with none	Y		AT			\$80,000 [14]					
Basement Athletic Storage with cages and storage casework	Y		AT			\$20,000 [15]					
Outdoor athletic storage building	Y		AT			\$35,000 [16]					
Pressbox at Varsity Baseball and Softball	Y		AT			\$60,000 [17]					
Stadium Sound Upgrade			AT		Expand speakers, add wireless mic		\$15,000 [18]				
Varsity Baseball Field - Backstop (Replace or Expand)			AT		foul balls to tennis courts problem, extend netting higher/angle or add fencing?		\$1 [19]				
Varsity Baseball Field - Add Lighting (5 lights)	Y		AT			\$100,000 [20]					
Varsity Baseball Field - Outfield Renovation (currently uneven)			AT				\$1 [21]				

<b>Programmatic (Cont'd)</b>											
Projects	Post BTF Outstanding project ?	Install Date	Building	Years (Exceeding or Remaining) per ASHRAE	Clarifying Notes	To Be Assigned	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025	2025-26
<b>Maintenance - Mechanical</b>											
PE Locker Rooms add Air Conditioning	Y		WB			\$492,000 [22]					
PE Locker Room Lockers - Replace - Female	Y		WB			\$1					
Science Lab - Potential New due to Increased Enrollment in Science & SPED			WB			\$1 [23]					
East Gym paint glazed block and add pads to register	Y		AT		no padding in there now to protect		\$1 [24]				
PE Locker Rooms add Air Conditioning	Y		AT			\$288,000 [25]					
<b>Program Improvement</b>											
Air Conditioning Career/Technical Educ. Classrooms ATHS			AT			\$695,000 [26]					
Air Conditioning Career/Technical Educ. Classrooms WBHS	Y		WB			\$426,000 [27]					
Auditorium Stage Lighting	Y		WB			\$1					
Auditorium Stage Sound	Y		WB			\$1					
Auditorium Curtains- replace		2002	AT		major disrepair, multiple stitching completed		\$48,000 [28]				
Auditorium Seats-replace original			AT			\$300,000 [29]					
Field House dividers-replacement of worn and frayed curtains			AT		Replace 3 curtains, 2 middle and 1 corner, add curtain by alcove to B&G Office		\$1 [30]				
Room Divider-Replace accordian style in 221 & 225			AT			[31]	\$25,000 [32]				
Parking Lot Expansion - on hold as of Fall 2020 [33]			D. Office			\$215,000 [34]					
<b>Total Programmatic</b>						<b>\$3,390,048</b>	<b>\$683,004</b>	<b>\$1,120,000</b>	<b>\$740,000</b>	<b>\$0</b>	<b>\$0</b>
			AT			\$1,578,000	\$88,004	\$560,000	\$740,000	\$0	\$0
			WB			\$1,597,048	\$595,000	\$560,000	\$0	\$0	\$0
			DO			\$215,000	\$0	\$0	\$0	\$0	\$0

<b>Conditional</b>											
<b>Projects</b>		<b>Install Date</b>	<b>Building</b>	<b>Years (Exceeding or Remaining) per ASHRAE [35]</b>	<b>Clarifying Notes</b>	<b>To Be Assigned</b>	<b>2021 - 2022</b>	<b>2022 - 2023</b>	<b>2023 - 2024</b>	<b>2024 - 2025</b>	<b>2025-26</b>
<b>Safety &amp; Security</b>											
ADA / Civil Rights Compliance Corrective Work ATHS			AT			\$1					
ADA / Civil Rights Compliance Corrective Work WBHS - Stadium Bleacher Visitor; Main Gym Bleachers; Auditorium Seating	Y		WB			\$1					
<b>Maintenance - Exterior - Envelope</b>											
WBHS Roof Repairs {B Wing, Center area 2 of 3 14,410 sf }		1995	WB	(14)			\$403,000 [36]				
WBHS Roof Repairs {B Wing, East area 3 of 3 13,310 sf }		1995	WB	(14)				\$400,000			
WBHS Roof Repairs {Commons Corner and Old Music Area 10,100 sf }			WB						\$250,000		
Reconstruct Back Drive (Autos to Entrance of the South Parking Lot - WBHS)	Y		WB				\$471,400 [37]				
Reconstruct North Parking Lot - WBHS	Y		WB			\$175,000 [38]					
Building Envelope Maintenance - Tuckpointing, window sealant etc Annual Allowance			AT				\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Building Envelope Maintenance - Tuckpointing, window sealant etc Annual Allowance			WB				\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
AHU Kitchen/Cafeteria		1965	AT	(40)	Option to replace only steam/hot water coil [39]	\$25,000 [40]					
AHU Room 10		1965	AT	(40)	Replace Coil	\$20,000					
AHU Fitness Center		1965	AT	(40)	Replace Coil	\$30,000					
AHU Wrestling Gym		1965	AT	(40)	Replace Coil	\$15,000					
AHU Manufacturing Lab		1965	AT	(40)	Replace Coil	\$20,000					
AHU Mainenance Garage		1965	AT	(40)	Replace Coil	\$10,000					
AHU Student Cafeteria (Unit F)		1958	WB	(47)	Option to replace only steam/hot water coil [41]	\$17,000 [42]					
AHU Faculty Dining (Unit G)		1958	WB	(47)	Replace Coil	\$12,000					
AHU Kitchen (Unit H)		1958	WB	(47)	Replace Coil	\$25,000					
AHU Girls Locker Rm. (Unit L)		1958	WB	(47)	Replace Coil	\$15,000					
AHU Field House Foyer (Unit P)		1958	WB	(47)	Replace Coil	\$1,300					
AHU Fitness Center (Unit Q)		1958	WB	(47)	Replace Coil	\$17,000					
AHU Backstage (Unit S)		1958	WB	(47)	Replace Coil	\$17,000					
Window Replacement Cycle Phase 1 of 3		1991	AT	(3)		\$245,000					

Conditional (Cont'd)											
Projects	Install Date	Building	Years (Exceeding or Remaining) per ASHRAE	Clarifying Notes	To Be Assigned	2021 - 2022	2022 - 2023				
Window Replacement Cycle Phase 1 of 3	1991	WB	(3)		\$245,000						
AHU Graphics/Drafting (Unit S-1)	1975	AT	(30)	Option to replace only steam/hot water coil [43]	\$20,000 [44]						
AHU Dance (Unit S-4)	1975	AT	(30)		\$15,000						
AHU Gymnastics (Unit S-5)	1975	AT	(30)		\$22,000						
AHU East Gym (Unit S-6)	1975	AT	(30)		\$22,000						
AHU Driver Ed (Unit S-7)	1975	AT	(30)		\$0 [45]						
AHU Woods Shop (Unit S-8)	1975	AT	(30)		\$15,000						
AHU Auto Shop (Unit S-9)	1975	AT	(30)		\$15,000						
AHU Auto Shop (Unit S-1F)	1975	WB	(30)	Option to replace only steam/hot water coil [46]	\$15,000						
AHU Auto Shop (Unit S-2F)	1975	WB	(30)		\$17,000						
Window Replacement Cycle Phase 2 of 3		AT			\$257,250						
Window Replacement Cycle Phase 2 of 3		WB			\$257,250						
ATHS York Rooftop HVAC equipment for student cafe	2003	AT	(2)		\$105,000 [47]						
ATHS Trane Rooftop HVAC equipment for faculty cafe	2002	AT	(3)		\$45,000 [48]						
ATHS Trane Rooftop HVAC equipment for Main Gym [49]	2009	AT		on-going operational problems, multiple compressors and fan motors; both Heating and Cooling		\$220,000 [50]					
WBHS Rooftop Carrier HVAC equipment for AD office	1995	WB	(10)	Cooling only	\$40,000 [51]						
WBHS Rooftop Trane HVAC equipment for Rm 123 Bookstore	1995	WB	(10)		\$25,000 [52]						
WBHS Rooftop Trane HVAC equipment for Faculty Cafe	2001	WB	(10)		\$45,000 [53]						
WBHS Rooftop Goodman HVAC equipment for B&G Office	1995	WB	(10)		\$40,000 [54]						
WBHS Rooftop Carrier HVAC equipment for Student Cafe	2002	WB	(10)		\$120,000 [55]						
Culvert Replacement - WBHS - Near Front Gates		WB			\$150,000						
Culvert Replacement - WBHS - Ramp to South Tennis Courts		WB		washed out spring 2020, replacing summer 2021 with insurance \$ less \$2500 deductible		\$1 [56]					
Concrete and Curbing Repairs - ATHS - Ongoing		AT			\$80,000 [57]						

Conditional (Cont'd)											
Projects		Install Date	Building	Years (Exceeding or Remaining) per ASHRAE	Clarifying Notes	To Be Assigned	2021 - 2022	2022 - 2023			
Concrete and Curbing Repairs - WBHS - Ongoing Phase I all areas except floodway			WB			\$125,000 [58]					
Concrete and Curbing Repairs - WBHS - Phase II Floodway area, South Side			WB			\$87,000 [59]					
Window Replacement Cycle Phase 3 of 3			AT			\$270,115					
Window Replacement Cycle Phase 3 of 3			WB			\$270,115					
Exterior Door Replacement Cycle			AT					\$25,000	\$50,000	\$50,000	\$50,000
Exterior Door Replacement Cycle			WB					\$25,000	\$50,000	\$50,000	\$50,000
<b>Maintenance - Mechanical</b>											
ATHS Boiler Burner Replacement & Refurbish Unit #1		1965	AT	(30)	Fire eye replaced 2003; gas train valves repl. 2005	\$170,000 [60]					
ATHS Boiler Burner Replacement & Refurbish Unit #2		1965	AT	(30)	Fire eye replaced 2003; gas train valves repl. 2005	\$170,000 [61]					
ATHS Boiler Burner Replacement & Refurbish Unit #3		1965	AT	(30)	Fire eye replaced 2003; gas train valves repl. 2005	\$170,000 [62]					
WBHS Boiler Burner Replacement - Steam Boiler #1		1959	WB	(36)	Fire eye replaced 1990; 2005 tubes&tube sheets, gas train valves replaced	\$120,000 [63]					
WBHS Boiler Burner Replacement - Steam Boiler #2		1959	WB	(36)	Fire eye replaced 1990; 2005 tubes&tube sheets, gas train valves replaced	\$120,000 [64]					
WBHS Boiler Burner Replacement - Steam Boiler #3		1959	WB	(36)	Fire eye replaced 1990; 2005 tubes&tube sheets, gas train valves replaced	\$120,000 [65]					
District Office -Boiler Replacement - 2 Units and install combustion dampers			DO					\$148,121			
WBHS Kitchen Updates - Stoves, Ovens, Coolers, Freezers, Dishwasher, etc.		1959	WB			\$1 [66]					
ATHS Kitchen Updates - Stoves, Ovens, Coolers, Freezers, etc.			AT			\$1 [67]					
Auditorium - Remove Existing 9"x9" Tile	Y		WB			\$1					
<b>Maintenance - Other</b>											
WBHS - Fitness Area Flooring Replacement		2009 to 2011	WB			\$1					
ATHS - Fitness Area Flooring Replacement		2009 to 2011	AT			\$1					
Landscaping of the west and north side of building			AT			\$20,000					

Conditional (Cont'd)											
Projects	Install Date	Building	Years (Exceeding or Remaining) per ASHRAE	Clarifying Notes	To Be Assigned	2021 - 2022	2022 - 2023				
<i>3 Year Phase in of Carpet Tile</i>		AT					\$1	\$1	\$1		
<i>3 Year Phase in of Carpet Tile</i>		WB					\$1	\$1	\$1		
<b>Total Conditional</b>					<b>\$3,837,037</b>	<b>\$1,194,401</b>	<b>\$698,123</b>	<b>\$450,002</b>	<b>\$200,002</b>	<b>\$200,000</b>	
		AT			\$1,761,368	\$270,000	\$75,001	\$100,001	\$100,001	\$100,000	
		WB			\$2,075,669	\$924,401	\$475,001	\$350,001	\$100,001	\$100,000	
		DO			\$0	\$0	\$148,121	\$0	\$0	\$0	
<b>Total Combined (Programmatic + Conditional)</b>					<b>\$7,227,085</b>	<b>\$1,877,405</b>	<b>\$1,818,123</b>				
		AT			\$3,339,368	\$578,004	\$635,001				
		WB			\$3,672,717	\$1,519,401	\$1,035,001				
		DO			\$215,000	\$0	\$148,121				
<b>Funding Sources</b>											
Capital Project Funding Available											
						\$1,500,000					
<i>{Working Cash Series 2018 Bonds Balance \$1,500,000 as of 10/2020}</i>											
Local Funding (O& M Fund / Reserves)											
						\$550,000					
Capital Project Funding State Budget - ISBE											
						\$0					
<b>TOTAL FUNDING AVAILABLE =</b>						<b>\$2,050,000</b>					
<i>Build Illinois Funding per HB0062 - WBHS designated for ADA Compliance {\$269,786} not sure when will be released</i>											

- [1] Oct 2020 quote from US Tennis and fencing repairs American Fence
- [2] Oct 2020 estimate for new power ComEd from Wight (Kyle) and new poles etc. Omega Sign & Lighting for Tennis Courts Only - does not include lighting for Baseball at this time
- [3] Oct 2020 quote from Alpine Demolition
- [4] Oct 2020 updated quotations from US Tennis, Lighting refurbish and new fencing; see separate cost analysis Google or G Drive
- [5] Oct 2020 quote from Alpine Demolition
- [6] April 2020 Assessment and Quotation from Midwest Track \$90,000; presently 10 years old ~ 4 years beyond manufacturer resurfacing recommendation
- [7] Sept 2020 Kyle updated estimate includes cool play add
- [8] Sept 2020, Kyle updated using current cost of similar projects; includes cool play add
- [9] Sept 2020 Kyle based upon larger square footage than stadiums but using Field Turf costs as of this year for similar projects
- [10] Oct 2020, old quotation, need to update year before proceeding
- [11] Oct 2020, old quotation, need to update year before proceeding
- [12] Oct 2020, old quotation, need to update year before proceeding
- [13] Oct 2019 B&G Committee reviewed on site tour, need A&E Design Services to define scope and provide a budget estimate
- [14] Cost est. is from list back in 2009, Post BTF proj list - need updating before proceeding
- [15] Cost est. is from list back in 2009, Post BTF proj list - need updating before proceeding
- [16] Cost est. is from list back in 2009, Post BTF proj list - need updating before proceeding
- [17] Cost est. is from list back in 2009, Post BTF proj list - need updating before proceeding
- [18] Quote from Sound Inc Nov 2019 for upgrading equipment in press box, adding speaker and providing wireless mic
- [19] March 2020 Wight & Co assessed, looking for actual pole depth for structural info to either expand or replace to go higher with netting as one option; October 2020 Wight recommending trajectory analysis, Tanner Consulting quote for \$3500 to complete
- [20] Cost est. is from list back in 2009, Post BTF proj list - need updating before proceeding
- [21] Oct 2020, working with qualified vendors for updated quotations
- [22] Feb 2020 Estimates and detailed assessment completed by 20/10 Engineering and Wight & Co
- [23] Oct 2020, Per Dr. Krause, enrollment is not driving this project right now like it was in 2019
- [24] Oct 2020, Install new pads, paint glazed block in-house approx. \$2400
- [25] Feb 2020 Estimates and detailed assessment completed by 20/10 Engineering and Wight & Co
- [26] Feb 2020 Estimates and detailed assessment completed by 20/10 Engineering and Wight & Co
- [27] Feb 2020 Estimates and detailed assessment completed by 20/10 Engineering and Wight & Co
- [28] Oct 2020  
Received a budget quote from PRotolight and Grandstage. We may need a rigging inspection prior to company install of drapery. Price includes installation shipping and lift rental.

[29] Oct 2020 Need updated cost estimate, define type of seating, with or without tablets and material to obtain pricing per Wight

[30] Oct 2020 need cost from vendor(s); latest from Haldemann in 2017 was repairs to only 2, will update

[31] Oct 2020 need to verify with vendor(s)

[32] Oct 2020 quote from Hufcor who provides many of our room divider replacements \$27,000

[33] type here

concept with Village of Addison, to expand current 37 spots to add 22 spots

[34] Spring 2019 cost est from Village of Addison engineer dept

[35] Conservative life expectancy measure used to evaluate conditions and is not "given" for replacement; intended to be 1 metric for evaluation

[36] Sept 2020 Wight & Co budget estimate including roof cores for wetness and insulation = \$403,000 including 15% contingency and \$20,000 allowance

[37] Sept 20 Kyle updated  
1/9/20 updated Byron estimate from January 2019 with 3% inflation factor

[38] Estimate from Wight back in 2017-18, will need to update before proceeding

[39] Nov 2020 per 20/10 Engineering full replacement of all 7 of the 1965 units at ATHS , although not completely necessary for AHU, would be estimate of \$802,000

[40] 11/5/20 See Detailed Report from 20/10 Engineering with Optional pricing to replace only HW or Steam coil, keep remainder of unit in tact along with BAS connectivity etc.

[41] Nov 2020 per 20/10 Engineering full replacement of all 7 of the 1958 units at WBHS , although not completely necessary for AHU, would be estimate of \$653,000

[42] 11/5/20 See Detailed Report from 20/10 Engineering with Optional pricing to replace only HW or Steam coil, keep remainder of unit in tact along with BAS connectivity etc.

[43] Nov 2020 per 20/10 Engineering full replacement of all 7 of the 1975 units at ATHS , although not completely necessary for AHU, would be estimate of \$685,000

[44] 11/5/20 See Detailed Report from 20/10 Engineering with Optional pricing to replace only HW or Steam coil, keep remainder of unit in tact along with BAS connectivity etc.

[45] Per 20/10 Engineering, no coil in unit, utilizes remote duct mounted heating coils

[46] Nov 2020 per 20/10 Engineering full replacement of the 2 1975 units at WBHS , although not completely necessary for AHU, would be estimate of \$185,000

[47] Oct 2020 Estimate from 20/10 engineering

[48] Oct 2020 Estimate from 20/10 engineering

[49] Lead time to replace RTU approx. 6-8 weeks

[50] Oct 2020 Estimate from 20/10 engineering

[51] Oct 2020 Estimate from 20/10 engineering

[52] Oct 2020 Estimate from 20/10 engineering

[53] Oct 2020 Estimate from 20/10 engineering

[54] Oct 2020 Estimate from 20/10 engineering

[55] Oct 2020 Estimate from 20/10 engineering

[56] Oct 2020 Civil Engineers completing wetland studies, permitting and then design scope and provide budget estimate for replacement

[57] Oct 2020 confirmed by Wight &Co budget estimate

[58] Oct 2020 confirmed by Wight &Co budget estimate

[59] Oct 2020 confirmed by Wight &Co budget estimate

[60] Oct 2020 Cost Estimate from 20/10 engineering to replace burner and refurbish for 20-25 yr life; Need to complete vessel wall assessment to verify safe thickness remaining; Cost to replace is \$580,000 per boiler see report, BUT per Jeff C @ 20/10 not necessary, could refurbish and replace burners

[61] Oct 2020 Cost Estimate from 20/10 engineering to replace burner and refurbish for 20-25 yr life; Need to complete vessel wall assessment to verify safe thickness remaining; Cost to replace is \$580,000 per boiler see report, BUT per Jeff C @ 20/10 not necessary, could refurbish and replace burners

[62] Oct 2020 Cost Estimate from 20/10 engineering to replace burner and refurbish for 20-25 yr life; Need to complete vessel wall assessment to verify safe thickness remaining; Cost to replace is \$580,000 per boiler see report, BUT per Jeff C @ 20/10 not necessary, could refurbish and replace burners

[63] Oct 2020 Cost Estimate from 20/10 Engineering to refurbish with new burner only \$120,000 as valve trains were replaced in 2005; New boilers would be \$585,000 see report

[64] Oct 2020 Cost Estimate from 20/10 Engineering to refurbish with new burner only \$120,000 as valve trains were replaced in 2005; New boilers would be \$585,000 see report

[65] Oct 2020 Cost Estimate from 20/10 Engineering to refurbish with new burner only \$120,000 as valve trains were replaced in 2005; New boilers would be \$585,000 see report

[66] Sept 2020 working with Charwells Food Service to update list of equipment that needs to be replaced; already refurbished units needed when they came under contract 2016

[67] Sept 2020 working with Charwells Food Service to update list of equipment that needs to be replaced; already refurbished units needed when they came under contract 2016

**6. Board Member Report(s) / Future Agenda Items**

**7. Public Comments:** Related to the discussion and/or actions of the board on the above agenda items, for and welcome comments and suggestions from the public. Public comments can be submitted online at [www.dupage88.net/BoardMeetingCard](http://www.dupage88.net/BoardMeetingCard), or sent by e-mail to [dbrink@dupage88.net](mailto:dbrink@dupage88.net).

**8. Announcements:**

Regular Business/Educational Focus Board Meeting: Monday, November 16, 2020, **7:00** p.m., District Boardroom located at District Administrative Offices, 2 Friendship Plaza, Addison, IL 60101.

Regular Business/Educational Focus Board Meeting: Monday, December 14, 2020, **7:00** p.m., District Boardroom located at District Administrative Offices, 2 Friendship Plaza, Addison, IL 60101.

**9. Adjournment**

**District 88 Strategic Plan**

Addison Trail High School, Willowbrook High School and DuPage High School District 88 will:

**Goal 1:** Develop plans to improve student performance, close the achievement gap and actively monitor the acquisition of college, career and cultural readiness skills.

**Goal 2:** Focus on learning programs aligned to local, state and national standards, incorporating critical thinking, applied learning, interdisciplinary curriculum, authentic career-connected programs and digital learning initiatives.

**Goal 3:** Provide time and resources for ongoing professional growth and development programs that focus on learning standards, diverse learners, assessment and data practices, instructional strategies, social-emotional learning and culturally responsive teaching.

**Goal 4:** Create inclusive school-community partnerships that develop life skills, foster social-emotional development, promote overall personal well-being and embrace learning and activity before, during and after school hours.