

Township High School District 214

# Operations Department

Updated Facilities and Capital Projects Plan



# Operations Department

## Agenda



- Overview of FY 2021 accomplishments
- Potential projects over next five years
- Athletics and Fine Arts
- Curriculum
- Infrastructure

**Over 40 construction projects** were completed throughout the District during the summer of 2021; including extensive work such as roof and curtain wall replacements.

### **ATHLETICS AND FINE ARTS**

**Field House Improvements:** Prospect High School (restrooms, flooring, ceiling) and Wheeling High School (ceiling)

**Gym Flooring:** Prospect High School

**Fitness and Spin Rooms:** Buffalo Grove High School

**Orchestra Room Remodel:** Rolling Meadows High School

**Recording Room:** Elk Grove High School

### **CURRICULUM**

**CTE Remodel / Improvements:** Prospect High School (full remodel)  
Wheeling High School (metal shop improvements)

**CNA Classroom:** Prospect High School and Wheeling High School

**EDU Classroom:** Prospect High School and Wheeling High School

**Classrooms Remodel / Improvements:** Elk Grove High School (2),  
Buffalo Grove High School (2), John Hersey High School (3),  
Prospect High School (15), Rolling Meadows High School (2)  
and Wheeling High School (8)

**Tutoring Area:** Wheeling High School

### INFRASTRUCTURE

**Roofing and Mechanical Work:** Buffalo Grove High School, Elk Grove High School and Rolling Meadows High School

**Curtain Wall and Mechanical Work:** Prospect High School (Phase II)

**Concrete Landing and Stair Repair:** Rolling Meadows High School (Entrance 26)

**Parking Lots:** John Hersey High School, Prospect High School and Wheeling High School

**Reconditioned Parking Lots Utilizing Rejuvenator:** Buffalo Grove High School, Elk Grove High School and Forest View Educational Center

**Offices and Meeting Spaces Remodel:** Buffalo Grove High School, Prospect High School, and Wheeling High School

# 2020-2021 Accomplishments

## Roofing Work

### Elk Grove

Total Roof Area: 289,090 SF  
Area of Roof Replacement: 23,127 SF  
Percent of Total Roof Replaced: 8%



### Rolling Meadows

Total Roof Area: 249,810 SF  
Area of Roof Replacement: 109,916 SF  
Percent of Total Roof Replaced: 44%



### Buffalo Grove

Total Roof Area: 292,430 SF  
Area of Roof Replacement: 131,593 SF  
Percent of Total Roof Replaced: 45%



# 2020-2021 Accomplishments

## Parking Lot Work

### Wheeling High School

Total Area: 315,756 SF



### Prospect High School

Total Area: 343,738 SF



### John Hersey High School

Total Area: 276,417 SF



# 2020-2021 Accomplishments

## Buffalo Grove: Fitness Room



**BEFORE**



**AFTER**

Work performed by: BGHS Staff / Central Maintenance / Vendor

# 2020-2021 Accomplishments

## Prospect: Curtain Wall (Phase II)

**CTE Area**



**BEFORE**



**AFTER**

**Small Courtyard**



**BEFORE**



**AFTER**

Work performed by: Vendor

# 2020-2021 Accomplishments

## Prospect: Curtain Wall (Phase II)

### Large Courtyard – West Wall



**BEFORE**



**AFTER**

### Large Courtyard – East Wall



**BEFORE**



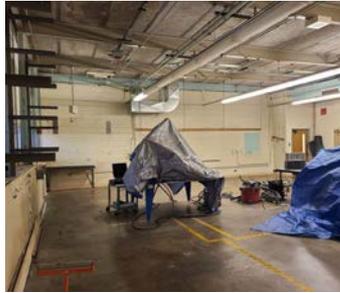
**AFTER**

Work performed by: Vendor

# 2020-2021 Accomplishments

## Prospect: CTE Full Space Remodel

**Wood Shop Area**



**BEFORE**



**Metal Shop Area**



**BEFORE**



**Classroom**



**AFTER**

**Lab**



**AFTER**

Work performed by: PHS Staff / Central Maintenance

# 2020-2021 Accomplishments

## Prospect: CTE Full Space Remodel

### Entry area



**BEFORE**



**AFTER**

Work performed by: PHS Staff / Central Maintenance / Vendor

# 2020-2021 Accomplishments

## Prospect: CNA Classroom



**BEFORE**



**AFTER**

Work performed by: PHS Staff / Central Maintenance / Vendor

# 2020-2021 Accomplishments

## Prospect: EDU Classroom



**BEFORE**

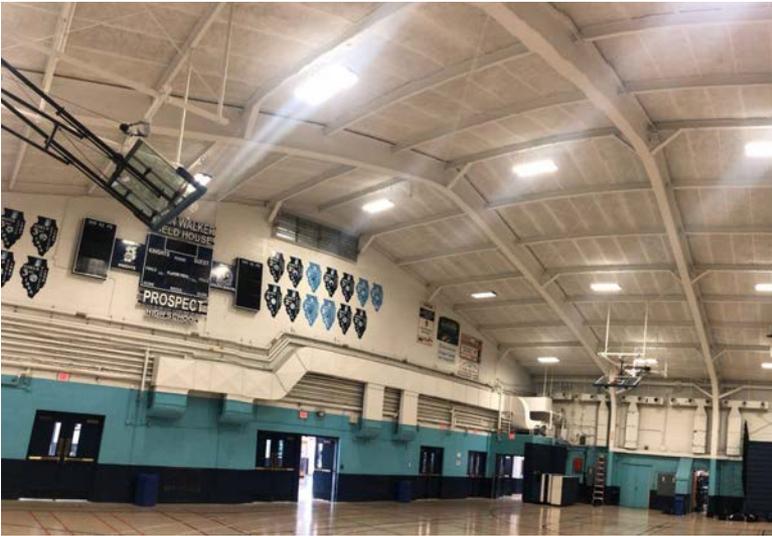


**AFTER**

Work performed by: PHS Staff / Vendor

# 2020-2021 Accomplishments

## Prospect: Field House



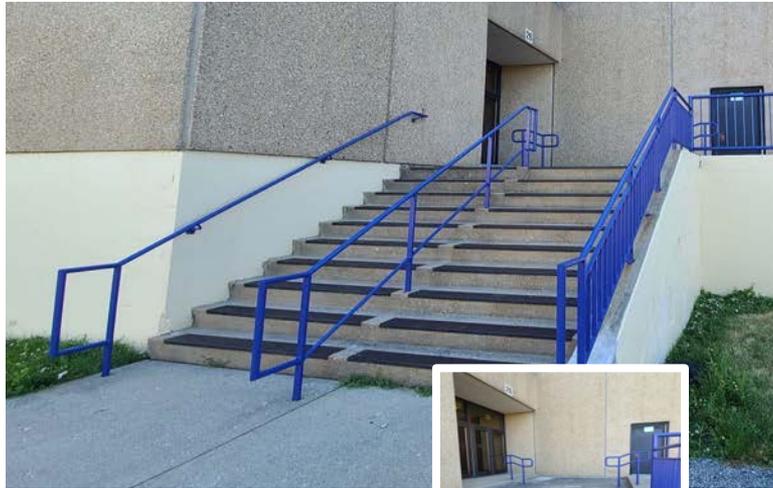
**BEFORE**

**AFTER**

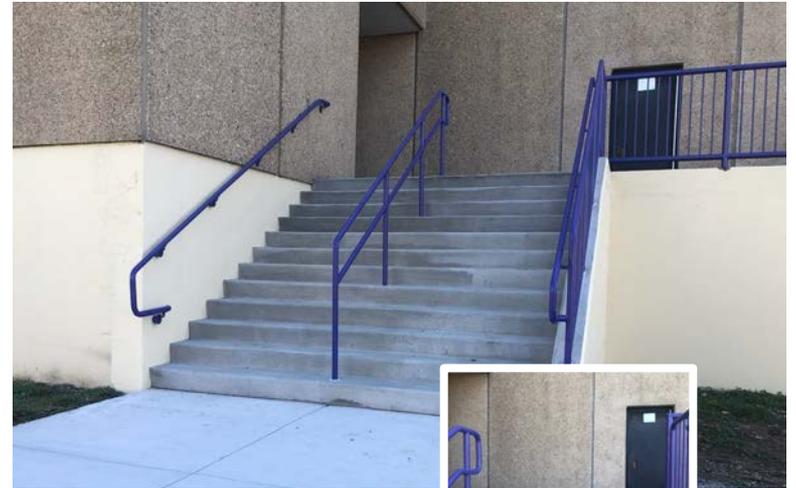
Work performed by: Vendor

# 2020-2021 Accomplishments

## Rolling Meadows: Concrete Landing and Staircase



**BEFORE**



**AFTER**



Work performed by: Vendor

# 2020-2021 Accomplishments

## Rolling Meadows: Orchestra Room



**BEFORE**



**AFTER**

Work performed by: RMHS Staff / Central Maintenance / Vendor

# 2020-2021 Accomplishments

## Wheeling: CTE Upgrade - New Overhead Door

### CTE Area Metal Shop Exterior



**BEFORE**



**AFTER**

Work performed by: Vendor

# 2020-2021 Accomplishments

## Wheeling: CTE Metal Shop Upgrade

### CTE Area Metal Shop Interior



**BEFORE**



**AFTER**

Work performed by: WHS Staff / Central Maintenance

# 2020-2021 Accomplishments

## Wheeling: CNA Classroom



**BEFORE**



**AFTER**

Work performed by: WHS Staff / Central Maintenance / Vendor

# 2020-2021 Accomplishments

Wheeling: EDU Classroom



**BEFORE**



**AFTER**

Work performed by: WHS Staff / Vendor

# 2020-2021 Accomplishments

## Wheeling: Tutoring Area



**BEFORE**

Work performed by: WHS Staff / Vendor



**AFTER**

# 2020-2021 Accomplishments

## Wheeling: Field House



**BEFORE**

Work performed by: Vendor



**AFTER**

# Five-year Facilities Plan

Past: July 1, 2017 - June 30, 2022

Future: July 1, 2022 - June 30, 2027

# Maintenance and Improvements

July 1, 2017 – June 30, 2022

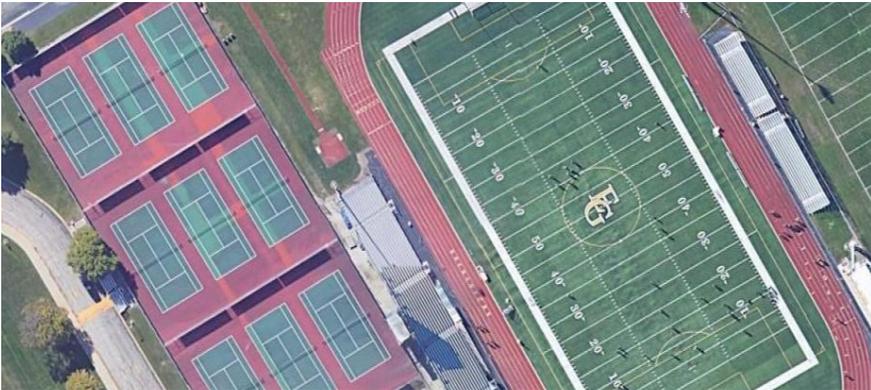
Description of Work	BGHS	EGHS	FVEC	JHHS	PHS	RMHS	WHS
<b>ATHLETICS</b>							
Baseball Dugout	-	X	-	-	-	-	-
Baseball Stadium Turf	-	-	-	-	-	X	-
Tennis Court Replace/Surface	-	-	-	-	-	X	X
Flooring	-	-	-	X	X	-	-
Room Remodel	X	X	-	X	X	X	X
Gymnasium Addition	-	X	-	-	-	-	-
Concession Stand	-	-	-	-	-	X	-
<b>FINE ARTS</b>							
Room Remodel	-	X	-	-	-	X	-
Addition	X	-	-	-	-	X	-
<b>CURRICULUM</b>							
Classroom Remodel	X	X	-	X	X	X	X
Classroom Improvements	X	-	-	X	-	X	X
Addition	-	-	-	-	-	X	-

# Maintenance and Improvements

July 1, 2017 – June 30, 2022

Description of Work	BGHS	EGHS	FVEC	JHHS	PHS	RMHS	WHS
<b>FACILITY IMPROVEMENTS</b>							
Floor Tile Replacement	-	X	-	-	-	-	-
Masonry Repairs	-	X	-	-	-	X	X
Curtain Wall	-	-	-	-	X	-	-
Nurse and School Offices	X	X	-	-	X	-	X
Plumbing	-	-	-	-	X	-	X
Paving	X	X	-	X	X	-	X
Roofing	X	X	X	X	X	X	X
Life Safety Plumbing	X	X	X	X	X	X	X
Life Safety Electrical	-	-	X	-	X	-	X
Landscaping - Trees/Shrubs	X	X	X	X	-	X	-

# Maintenance and Improvements



# Maintenance and Improvements

Anticipated projects July 1, 2022 – June 30, 2027

Description of Work	BGHS	EGHS	FVEC	JHHS	PHS	RMHS	WHS
<b>ATHLETICS</b>							
Baseball/Softball Fields Maintenance	X	X	X	X	X	X	X
Field House/Gymnasium Improvements	-	-	-	-	X	-	X
Stadium Turf	-	X	-	-	X	-	-
Tennis Court Replace/Surface	X	X	-	-	-	X	-
Track Replace/Surface	X	X	-	X	X	X	X
<b>FINE ARTS</b>							
Room Remodel	-	-	-	X	X	-	X
Theater Improvements	X	X	X	X	X	X	X
<b>CURRICULUM</b>							
Hallway Connections	-	-	-	X	-	-	-
Classroom Remodel	X	-	X	-	-	-	-
Classroom Improvements	X	X	X	X	X	X	X
NJROTC Program	-	-	-	-	-	-	X

# Clean, Safe and Well-Maintained

Designed to meet the needs of our students

Description of Work	BGHS	EGHS	FVEC	JHHS	PHS	RMHS	WHS
<b>FACILITY IMPROVEMENTS</b>							
Floor Tile Replacement	-	-	X	X	-	X	-
Card Access Improvements	X	X	X	X	X	X	X
Curtain Wall	-	X	-	-	X	-	X
HVAC Building Automation Systems (BAS)	X	X	X	X	X	X	X
HVAC Equipment Replacement	X	X	X	X	X	X	X
Nurse and School Offices	-	X	-	X	-	X	X
Paving	-	-	-	-	-	X	-
Roofing	-	-	X	-	-	X	-

# Preventative Maintenance



Anticipated Health, Life, Safety Projects July 1, 2022 – June 30, 2027

**Classroom Improvements:** Elk Grove High School, Prospect High School and Wheeling High School

**Floor Tile Replacement:** John Hersey High School and Rolling Meadows High School

**Curtain Wall:** Elk Grove High School, Prospect High School and Wheeling High School

**HVAC Building Automation Systems:** All Schools

**HVAC Equipment Replacement:** All Schools

# Future of Operations Department

## Maintenance Operations



- Preventative Maintenance Team
- Centralized Maintenance Grounds Team
- In-House Snow Removal
- Construction Team

Township High School District 214

# Operations Department

Updated Facilities and Capital Projects Plan

# Questions?

