

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.

Operations Department

2020-2021 Accomplishments



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

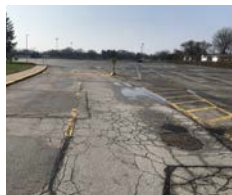
Wheeling High School

Total Area: 315,756 SF



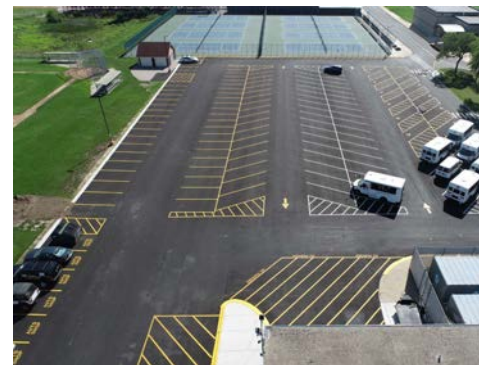
Prospect High School

Total Area: 343,738 SF



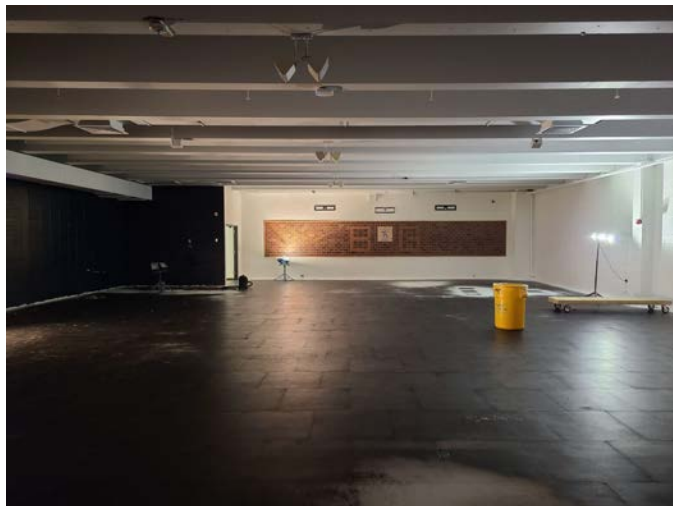
John Hersey High School

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

Work performed by: Vendor

Small Courtyard



BEFORE



AFTER

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

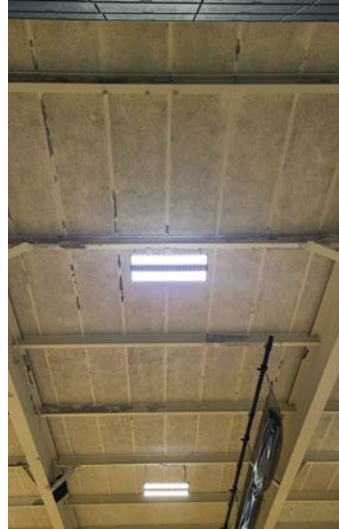
Work performed by: PHS Staff / Vendor

2020-2021 Accomplishments

Prospect: Field House



BEFORE

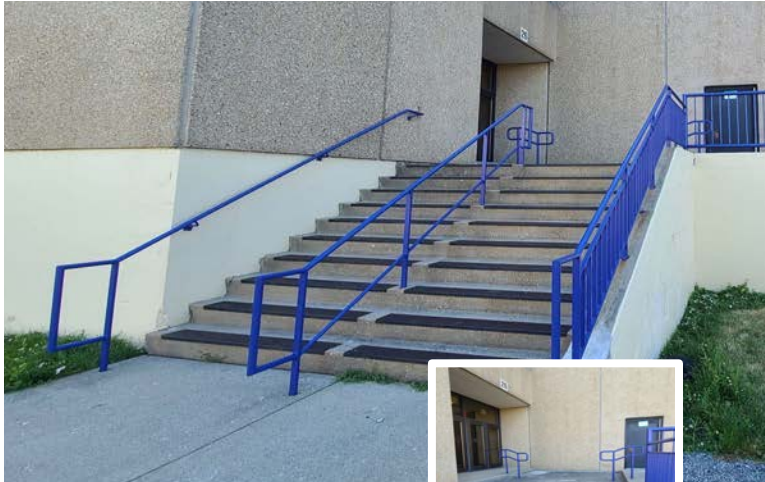


AFTER

Work performed by: Vendor

2020-2021 Accomplishments

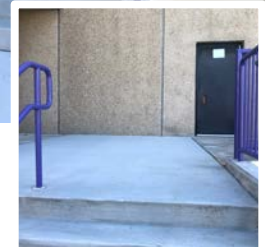
Rolling Meadows: Concrete Landing and Staircase



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

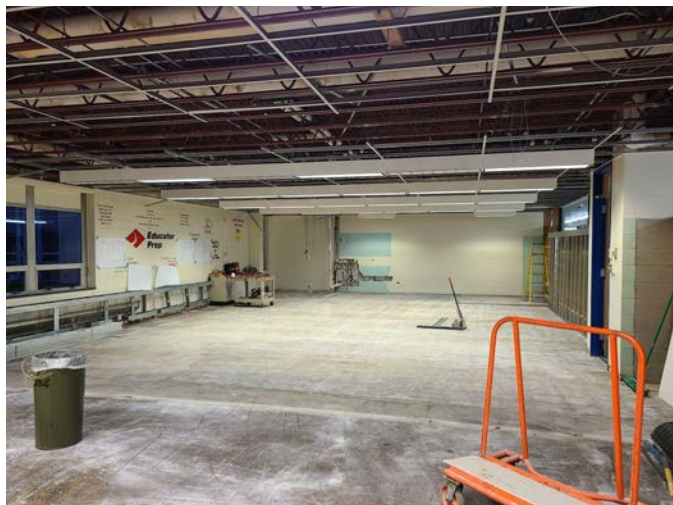


AFTER

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

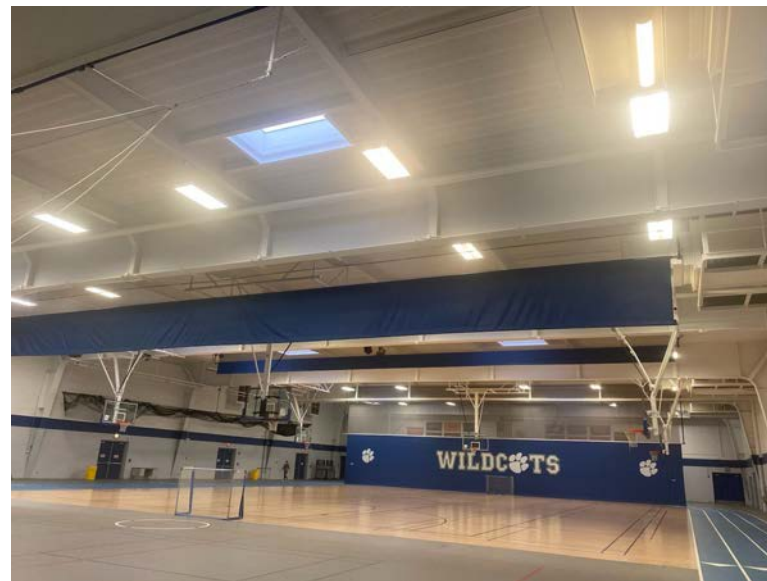
2020-2021 Accomplishments

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

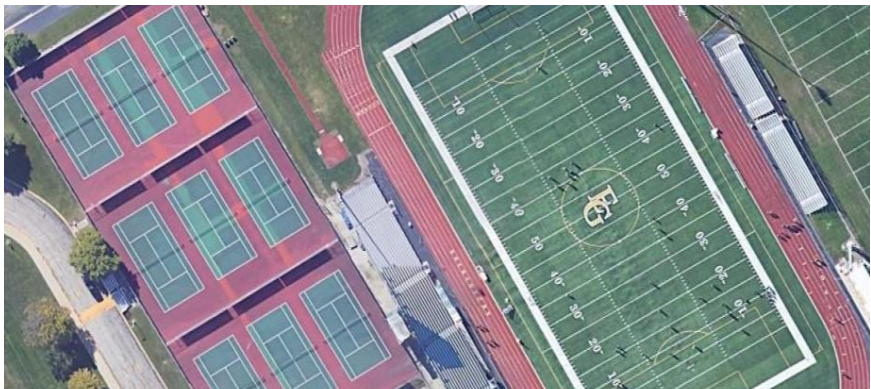
Description of Work	BGHS	EGHS	FVEC	JHHS	PHS	RMHS	WHS
ATHLETICS							
Baseball Dugout	-	X	-	-	-	-	-
Baseball Stadium Turf	-	-	-	-	-	X	-
Tennis Court Replace/Surface	-	-	-	-	-	X	X
Flooring	-	-	-	X	X	-	-
Room Remodel	X	X	-	X	X	X	X
Gymnasium Addition	-	X	-	-	-	-	-
Concession Stand	-	-	-	-	-	X	-
FINE ARTS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

