



# PLANT OPERATIONS

Summer Project Update – August 12, 2019



# SUMMER OVERVIEW

- ❖ \$42M+ in Planned Capital Projects
- ❖ Largest Recorded Number of Auxiliary Maintenance Projects
- ❖ Elevated Custodial Outcomes
- ❖ Increased Production within the Grounds Department
- ❖ Refinement of Internal Practices and Procedures

# MECHANICAL UPGRADES



## CENTENNIAL

HVAC Replacement



## CLINTON

Boiler Replacement



## ELGIN HIGH

Electrical Main / Domestic  
Water Replacement



## KENYON WOODS

Chiller Replacement



# ADDITIONAL MECHANICAL UPGRADES

- ❖ ESC Passenger Elevator Renovation and Machine Room Upgrade
- ❖ Tefft Chiller Replacement
- ❖ Building Automation Upgrades: Centennial, Creekside, Hawk Hollow, Kenyon Woods, McKinley, Parkwood, Otter Creek, Ontarioville and Tefft
- ❖ Streamwood High School Fire Alarm Replacement

# PARKING LOTS

## Paving Projects

- ❖ Nature Ridge
- ❖ Parkwood
- ❖ Prairievew
- ❖ Sycamore Trails

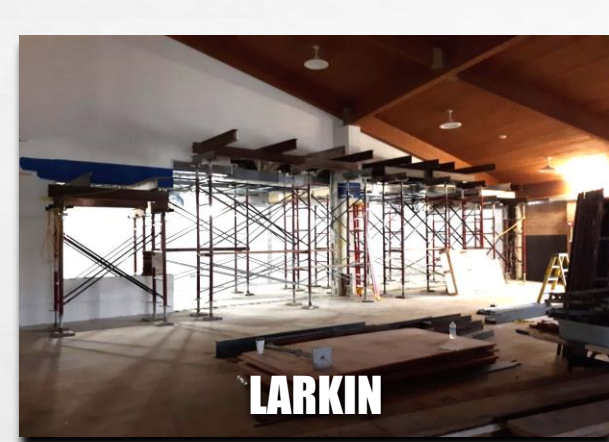
## Sealcoating

- ❖ Channing
- ❖ Clinton
- ❖ Creekside
- ❖ Fox Meadow
- ❖ Garfield
- ❖ Glenbrook
- ❖ Heritage
- ❖ Hillcrest
- ❖ Horizon
- ❖ Illinois Park
- ❖ Laurel Hill
- ❖ Lincoln
- ❖ Ontarioville
- ❖ Otter Creek
- ❖ Ridge Circle
- ❖ Spring Trail
- ❖ Streamwood HS
- ❖ Tefft MS
- ❖ Timber Trails
- ❖ Wayne





# LIBRARIES





# ATHLETICS AND STADIUMS



South Elgin High School  
Pressbox, Lighting and Track Repair

Larkin High School  
Track Improvement





# FLOORING

## VCT Replacement

- ❖ Eastview MS
- ❖ Elgin HS
- ❖ Ellis MS
- ❖ Channing
- ❖ Horizon
- ❖ Independence
- ❖ Larkin HS
- ❖ Lords Park
- ❖ McKinley
- ❖ Prairieview
- ❖ Streamwood HS
- ❖ Sycamore Trails



## Sand, Paint and Reseal

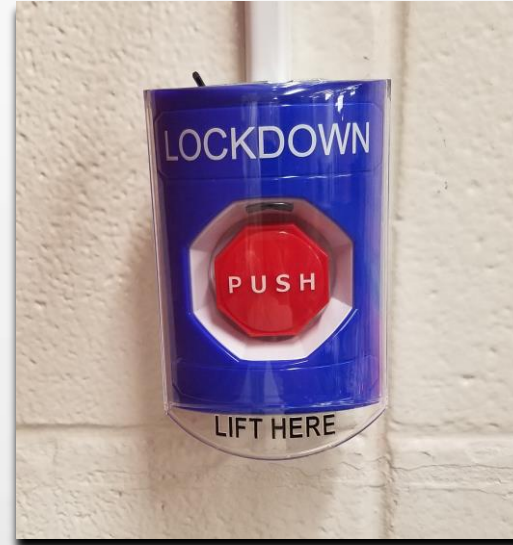
- ❖ Kenyon Woods Main Gym
- ❖ South Elgin Main Gym
- ❖ Bartlett High Main Gym

## Scrub and Recoat

- ❖ Gym Floors in Multiple Locations



# BUILDING SAFETY UPGRADES



## INTERCOM, CLOCK AND FIRE ALARM UPGRADES

- ❖ Clinton Elementary School
- ❖ Abbott Middle School
- ❖ Willard Elementary School
- ❖ Elgin High School (intercom and clock only)

## LOCKDOWN PHASE 4 AND 5

- ❖ Elgin High School
- ❖ Dream Academy
- ❖ Larkin High School
- ❖ Streamwood High School

# CUSTODIAL ACCOMPLISHMENTS

- ❖ Improved Wax Quality
- ❖ Enhanced Coordination with ABM
- ❖ Upgraded Equipment
- ❖ Summer School / Construction Clean
- ❖ Staff Training / Expectation Realignment
- ❖ Inspection Process and Quality Control





# SUMMER PLAN

**Plant Operations developed a plan to combat humidity while still making energy conservation a priority.**

- ❖ Buildings were classified:
  - Green: Buildings with no past environmental or HVAC issues.
  - Yellow: Buildings on the watch list.
  - Red: Buildings with past environmental or HVAC issues.
  - Blue: Buildings with no power due to construction.
- ❖ HVAC schedules were generated based on occupancy, building classification and cleaning needs.
- ❖ Multiple humidistats were installed in each building.
  - Custodial and Maintenance Staff logged levels twice daily.
  - High readings were called in to Plant Operations and preventative measures were implemented.

**The success of this plan has been a direct reflection of the diligence of the Plant Operations Staff and U-46 Partners.**



# ADDITIONAL SUMMER PROJECTS

- Elevated “Bright and Shiny” Program
- ComEd Lighting Upgrades: Gyms, Commons and Building Perimeters and Internal LED Lighting Initiatives at High Schools and Middle Schools
- Dream Academy Production Studio Project
- Building-wide Painting Projects: Coleman, Washington, Hanover Countryside and Streamwood High School
- New Bathroom Countertops at Creekside
- McKinley Lower Level Epoxy Flooring
- Tefft Regrade
- Lowrie Exterior Library Wall Repair
- Larkin High School Water Infiltration Repair
- Drinking Fountain and Piping Initiative
- Sunnydale Drop Ceiling
- Ron O’Neal Computer Lab Renovation
- Larsen Data Center Mini-Split Installation
- New Chemical Feed Systems for all Five High Schools (Cooling Towers)
- Ellis Locker Painting
- Mobile Repair: Creekside, Lincoln, South Elgin High School and Washington
- Warehouse and Lord’s Park Roof Repairs
- Prairieview Gym/Cooling Tower Wall Repair
- Security Systems Upgrades: 1019, Hilltop, Larkin High School and Ridge Circle
- Wayne Mini-Split for EN-2 Rooms
- Camera Upgrades: Larkin High School, Central School Program, Elgin High School, Kenyon Woods, South Elgin High School and Bartlett High School
- And Many More



# ADDITIONAL INITIATIVES



- Interdepartmental Collaboration and Tracking of Summer Projects
- Updated Facility Change Request Form and Process
- Revised BASCO Processes and Procedures
- Rate Renegotiation for Architectural and Engineering Firms
- Redistribution and Realignment of Custodial Department
- Revamped Budget and Departmental Allocations
- Overhaul of District Rentals and Events Process

**THANK YOU**