



Maintenance Department

August 7, 2023

Summer Projects Update



2022-23 Roof Snow Removal Update

- Heavy snowfall resulted in many roofs at load capacity
- Maintenance personnel removed 12.8 million pounds, Contractors removed 28.75 million pounds. Total of just over 1 million square feet of roofing cleared.





Flooring

- Gym & Green Rooms (Wood) Flooring
 - Screening and recoating in 13 schools
 - Susan B English, Homer MS, Chapman
 - Sterling, SOHI, SOEL, ABC/Kenai ALT, KCHS, KMS
 - Skyview, Nikiski, Nikolaevsk, Ninilchik
 - Tustumena
 - Complete sand down and refinish in 2 schools
 - Seward MS, Seward HS

Total 134,700 sq. ft.

- Flooring
 - 25 classrooms, 2 portables, and 2 locker rooms

Total 31,800 sq. ft.

Parking Lots/Asphalt



- Kenai Central High replaced 20,000 sq. ft. of asphalt; added 5 new parking stalls at the kitchen; 700' of 72" wide sidewalks.
- Nikiski Jr./Sr. High, Redoubt, Tustumena – crack sealed and seal coated 426,000 sq. ft., painted new parking lines.
- Paul Banks Elementary repairs to the main drive.
- Misc. Asphalt Patching



Stages New Building



Lockers

- Nikiski High School Locker Replacements



OLD



New

Bleachers, Office Remodel

- Kenai Alternative/Aurora Borealis Bleacher Replacement
- Kenai Alternative Office Remodel





- Auto-Shop
 - School Bus Brake Inspections/Filter Replacements
 - State School Bus Inspections
 - Annual Generator Inspections
- Electronics
 - Annual Fire Alarm Inspection/Testing
 - Preparation for Access Card Systems
- Electrical
 - LED Gym Lighting at Kenai Central High, North Star Elementary, Sterling Elementary, and Tustumena Elementary
 - Completed Susan B. English Generator Replacement
 - Category 5 (5 Year) weighted elevator inspections
 - Power for Promethean board installations as required



- Painting
 - Chapman Principals Office
 - Tustumena Gymnasium
 - Sterling Elementary exterior, kitchen, deep sink area
 - Nikolaevsk exterior paint and stain
 - Susan B. English pool and pool deck
 - Tebughna gymnasium and office door, office accent wall, portion of secondary corridor, bathroom ceiling in trailer #2
 - Homer Middle School 2 classrooms and hall touch up
 - North Star Elementary refinish benches
 - Nikiski Jr/Sr High Corridors around new lockers, finish new wall in Counselor's office
 - Kenai Central High parking lot striping
 - Kenai Alternative prime & paint secretary's office



General Maintenance

- Misc. Landscaping, Stump Removal (Spruce Bark Beetle)
- Misc. Valve Replacements
- Main Water Valve Replacement, Kenai Central High and Seward Elementary
- Installing Promethean Boards
- Playground equipment upgrades at K-Beach and McNeil Canyon
- Homer High School replace HVAC heating coils
- Homer Middle School asbestos abatement
- Tustumena replace third boiler



General Maintenance

- Boiler Replacements at Moose Pass



OLD



NEW



Water Quality

- Cooper Landing replace well pump
- McNeil Canyon replace waste water treatment air pump
- Moose Pass & ***Nikiski Jr/Sr High clean potable water tank
- Ninilchik replace well pump VFD, re-bed pool filter, replace ***3 well pressure tanks
- Seward High replace pool pump and volute, install timer on VFD
- Skyview replace pool expansion joint caulking
- Soldotna High re-bed pool filter, install new valves
- Susan B. English ***add catwalk over pool pump pit

*** Project still in progress



Control Systems

- Freezer temperature monitoring and alerts for Kenai Middle School, Seward High School, Nikiski Jr/Sr High, Skyview and Tustumena
- Fuel flow meters at McNeil Canyon, Moose Pass, Cooper Landing, and Hope.
- System monitoring and alerts – Moose Pass boiler, Nikiski Jr/Sr High generator, SD Warehouse boiler, and SD Warehouse Annex temperature.