

SHAWNEE MISSION SCHOOL DISTRICT

PROPOSED 5-YEAR PROJECT HVAC REPLACEMENT PLAN



SHAWNEE MISSION
SCHOOL DISTRICT

2021

Indian Woods Middle School

1. Replace the following 23-year old equipment and new controls:
 - Ten air multizone handling units (AHUs)
 - Six energy recovery units (ERUs)
 - Three roof top units (RTUs)

2. Replace the ten 28-year old air handling units
3. Upgrade controls on replaced equipment

Hocker Grove Middle School

1. Replace 19 24-year old roof top units, air handling units, and make-up air units

Sunflower Elementary School

1. Replace six 25-year old RTUs, one make-up air unit, two condensing units

Bluejacket-Flint Elementary School

1. Replace the following 25-year old equipment:
 - Seven air VAV air handling units
 - 55 fan powered variable air volume (VAV) terminal units
 - The computer room air conditioner and make-up air unit
 - Update controls

Rising Star Elementary School

1. Replace the following 29-year old equipment:
 - Air handling unit, AHU-9
 - Heating and ventilating unit
 - 70 fan powered VAV terminal units

Indian Creek Tech Center

1. Upgrade controls on equipment

2022

Indian Woods Middle School

1. Replace the following 24-year old equipment:
 - Five roof top units
 - 41 unit ventilators
 - 21 fan coil units

Shawnee Mission East High School

1. Replace the following 24-year old equipment:
 - Three roof top units
 - One air handling unit
 - Two make-up air units
 - Pool unit
 - Seven pumps

Christa McAuliffe Elementary School

1. Replace the following 32-year old equipment:
 - 42 unit ventilators
 - 36 fan coil units
2. Replace electric boilers with to gas fired boilers

Brookridge Elementary School

1. Replace seven 18-year multizone rooftop units

Corinth Elementary School

1. Replace two 15-year old RTUs
2. Replace two 19-year old condensing units

2023

East Antioch Elementary School

1. Replace the following 22-year old equipment:
 - Two roof top units
 - Seven split systems

Mill Creek Elementary School

1. Replace the following 27-year old equipment:
 - Make-up air unit
 - Condensing unit

Prairie Elementary School

1. Replace the following 29-year old equipment:
 - Four air handling units
 - 32 fan powered VAV terminal units

Oak Park-Carpenter Elementary School

1. Replace nine 18-year old rooftop units

Shawnee Mission South High School

1. Replace the following 29-year old equipment:
 - Band RTU
 - Pool unit
 - Two chillers
 - Two split systems
2. Upgrade controls on replaced equipment

2024

Shawnee Mission Northwest High School

1. Replace the following 30-year old equipment:
 - Two roof top units
 - Two chillers and pumps
 - Pool unit
2. Upgrade controls on replaced equipment

Shawnee Mission West High School

1. Replace the following 25-year old equipment:
 - Pool unit
 - Two roof top units
 - 29 fan powered VAV terminal units
 - 38 fan coil units
2. Upgrade controls on replaced equipment

Horizons High School

1. Replace the following 22-year old equipment:
 - Four condensing units
 - Make-up air unit
2. Upgrade controls on replaced equipment

Oak Park-Carpenter Elementary School

1. Replace nine 18-year old rooftop units
2. Upgrade controls on replaced equipment

Horizons High School

1. Replace the following 24-year old equipment:
 - Two pumps
 - Four fan coil units
 - 37 fan powered VAV terminal units
2. Upgrade controls on replaced equipment

2025

Various Rooftop Units

1. Replace the following 19-year old equipment:
 - Belinder RTU-14
 - Broken Arrow Gym RTU
 - Corinth RTU-11
 - Santa Fe Trail RTU 18
 - Indian Hills ACCU-1
 - Westridge Middle School RTU
 - Brookridge RTU10 and 11
 - Diemer RTU-2 and 3
2. Upgrade controls on replaced equipment

Ray Marsh Elementary School

1. Replace the following 18-year old equipment:
 - Twelve roof top units
 - Three heat pumps
2. Upgrade controls on replaced equipment

Merriam Park Elementary School

1. Replace thirteen 18-year old rooftop units
2. Upgrade controls on replaced equipment

Hocker Grove Middle School

1. Replace the three 18-year old multizone rooftop units
2. Upgrade controls on replaced equipment