

Facilities

Program Evaluation 2018



Dr. Rick Atha—Associate Superintendent of Organizational Support
Bob Robinson—Executive Director of Facilities

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Strategic Goals Update

Included is an update on the Strategic Goals for facilities long range plan:

Facilities – Center for Academic Achievement

During the winter of 2017, the community was invited to attend the new administrative center for its grand opening celebration. Ongoing district sponsored events will be scheduled for the community at large at this location. Community meetings and events will be encouraged to take place using this facility.

By the end of June 2016, Shawnee Mission School District had developed and execute a plan to consolidate district level operations into a centralized facility/campus to increase efficiencies, reduce overhead costs and establish fiscal responsibility.

Complete

Facilities - Efficiency

By August of 2016, there has been a composting program in all school cafeterias for use at lunches. Recycling receptacles will be available at all events at the schools for aluminum and plastics.

Complete

Beginning in December of 2016, the Shawnee Mission School District's energy facility director will complete and continue an assessment of feasibility on wind, solar, other alternate energy sources.

Ongoing

By December of 2015, all operations, maintenance, and warehouse operations have been evaluated for efficiency and consolidation.

Completed

Facilities - Long-Range Facility Plan

By September 2014, the strategic planning included an outline of bond projects for a 2015 bond referendum.

Completed

Beginning in June of 2015, the district website will include updates on progress of current facility improvements using existing Capital Outlay funds as well as voter approved bond projects and a vision for future improvements

Beginning in May of 2015, the Shawnee Mission School District has continued to establish a comprehensive long-range facility plan addressing maintenance, cleanliness and efficiency needs to bring all facilities in line with current industry standards.

Ongoing

In August of 2016, all secondary schools have upgraded facilities to meet the needs of students based on the technology initiative.

Complete

Beginning in December of 2015, a comprehensive landscaping plan will continue to be developed for each building.

Ongoing - evaluating natural landscaping

Facilities - SMSD Branding

Beginning in May of 2016, all Shawnee Mission School District schools will continue to develop signage associated with each individual school and the Shawnee Mission School District.

Ongoing

Facilities Department

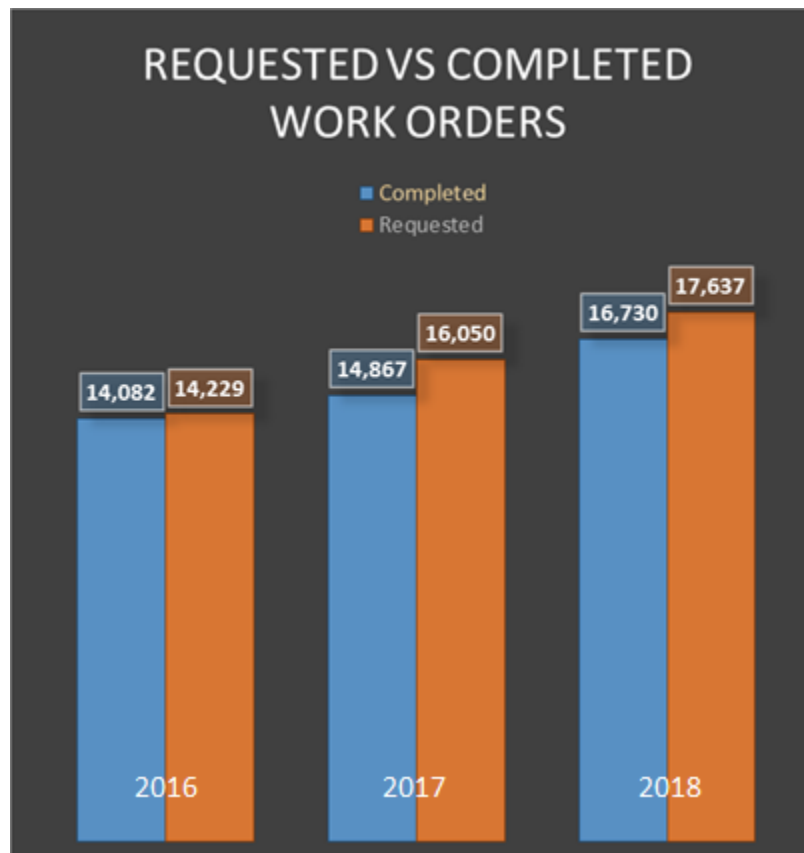
<u>Personnel Staff</u>	<u>Staff</u>	<u>Vacancy/Date Posted</u>	
Executive Director of Facilities	1		
Director of Facilities	1		
Project Manager	1		
Environmental Program Coordinator	1		
Coordinator of Custodial Services	1		
Custodial Supervisors	2		
Foreman	5		
Support Staff	2		
HVAC Technicians	5	1	1/1/2016
General Maintenance	5	1	8/3/2018
Evening Maintenance Crew	4	1	7/9/2018
Plumbers	3		
Electricians	3	1	12/4/2017
Painters	6	1	8/8/2018
Carpenters	8	1	6/30/2018
Locksmiths	2		
Grounds	14	1	5/18/2018
Vehicle/Small Engine Mechanics	0	2	8/18/2018
Warehouse	4	1	4/1/2018
Day Custodians	57	4	9/13/2018
Evening Custodians	144.5	10	9/13/2018
Total	283.5	24	

Operations and Maintenance

The Facilities Department provides services and maintenance for over 5.33 million square feet of district buildings and 867 acres of exterior Green space. This work is accomplished through the Maintenance, Grounds, Warehouse and Custodial departments.



Work Order repair request are made to the Operations and Maintenance department on the School Dude Work Order system. There are 37 different crafts that requestors can choose from when submitting a work orders, this helps monitor work flow and distribution to all different trades/departments.



The Shawnee Mission School District is currently involved with two major building projects and numerous construction renovations including exterior and interior projects. The summary of the projects for 2018-19 are as follows:

PROJECTS 2018-19	PROJECT/EVENT
District Offices	
CAA	Add Restroom/Office/Bio Cabinets/Step
CAA Urban Farm	Garden and Farm
O&M	Dust Collector
O&M	Under Construction
Signature Programs	Renovate Former O&M Site
Warehouse	Sold
Arrowhead	Upgrading Security Cameras
Athletic Complex's	
North Stadium	Video Scoreboard
South Stadium	Artificial Turf Replacement (Game Field)
South Stadium	Track Surface Replacement
Soccer Complex	Artificial Turf Fields 1 and 2
Softball Complex	Infield Reshaping
Softball Complex	Asphalt
Northwest Turf Field	Artificial Turf Replacement
East Turf Field	Artificial Turf Replacement
Aquatic Center	Under Construction
Elementary	
Briarwood	Sod Replacement
Broken Arrow	Media Center Furniture
Brookwood	Under Construction
Comanche	Asphalt
Corinth	Asphalt
Corinth	Roofs
Corinth	Playground Remodel/Upgrade
Lenexa Hills	Under Construction
Overland Park	Asphalt
Prairie	Marquee Sign
Sunflower	Asphalt
Tomahawk	Playground remodel/upgrade
Trailwood	Sod Replacement

PROJECTS 2018-19	PROJECT/EVENT
Middle Schools	
Indian Hills	Elevator
Indian Hills	Media Center Doors
Indian Woods	Asphalt
Indian Woods	Roof
Indian Woods	Auditorium Lighting
Indian Woods	Auditorium Audio-Visual
Trailridge	Auditorium Audio-Visual
Westridge	HVAC
High Schools	
SM East	Security Locks
SM East	Trane HVAC
SM East	Media Center
SM East	Auditorium & Little Theater Lighting
SM East	Little Theater Audio-Visual
SM North	Security Locks
SM North	Trane HVAC
SM North	Roofs
SM North	Auditorium Audio-Visual
SM Northwest	Security Locks
SM Northwest	Media Center
SM Northwest	Little Theater
SM Northwest	Boiler replacement
SM Northwest	Green house
SM South	Security Locks
SM South	Black Box (Little Theater)
SM South	Asphalt
SM West	Security Locks
SM West	Media Center
SM West	Exterior Thin Brick Repair
SM West	Asphalt
SM West	HVAC/Chiller
SM West	Soccer scoreboard
SM West	ADA/Restroom Improvements

Facilities Areas of Focus 2018-2019

- Review and implement progress on Roof Assessment Plan
- Review and implement progress on Asphalt Assessment Plan
- Review and implement Sports Facility Cycle Plan.
- Continue to use and update our DEABS program to monitor and budget for HVAC cycle change out
- Review and implement audit information for Auditorium & Little Theater's that pertains to Lighting and A/V upgrades in all High Schools and Middle Schools district wide.
- Monitor and adjust mowing responsibilities for district grounds crew. Would like to transfer responsibility of remaining 21 buildings to our grounds crew based out of O&M. What would it take to staff and schedule this for a 10 day mowing cycle.
- Continue building audit's with Children's Mercy and continue the progress with transferring data in the Healthy School Manager (HSM) website.
- Long term forecasting of SMSD district vehicles, custodial equipment and grounds department equipment cycle change out plan.
- Continue to monitor day to day progress of School Dude work order programming.
- Continue construction of the District Aquatic Center.
- Complete design phase and begin construction process on SM South Black Box (Little Theater).
- Continue construction of the Brookwood Elementary School.
- Continue construction of the Signature Program building.

Custodial Program Overview

In an effort to enhance training opportunities for staff, the Shawnee Mission School District Custodial Department has designed a comprehensive professional development schedule for the 2018-19 school year:

New Hire Orientation and Training

Custodians just starting their careers with SMSD are introduced to the custodial program through a week long training at North High School. Brett Daane (Building Manager) and Geoffrey Misigo (Night Lead) train new staff on zone cleaning, task frequency guidelines, proper chemical usage, and equipment operation.

Custodial Cleaning Clinic

Each quarter, the Custodial Department Supervisory Team holds a Cleaning Clinic to reinforce proper cleaning procedures with staff members that are not achieving expected scores on their area inspections. The Cleaning Clinic reintroduces staff on how to evaluate the cleaning needs of each type of space they are assigned, and models the most efficient way to complete cleaning tasks.

Custodial Expo

Over winter break, all custodial department staff members attend the annual Custodial Expo. This training opportunity invites staff to learn about new equipment and procedures, preventative maintenance, and proper chemical applications. This is a unique event that allows staff to interact with janitorial and sanitization industry experts. At the conclusion of the Custodial Expo, staff participate in the annual Custodial Olympics. This is a team building exercise in which each building staff competes against one another in toilet paper basketball, floor pad toss, and three man ski. The school with the best recorded time takes home the coveted trophy to display for the remainder of the year.

Summer Cleaning Seminar

At the conclusion of each school year, all custodial staff participate in the annual Summer Cleaning Seminar. This event details the process for preparing our facilities for the next school year. Topics include, proper painting procedures, summer grounds responsibilities, stripping and waxing techniques, and classroom cleaning.

Head Custodian Meetings

A Head Custodian Meeting is held periodically to update Building Managers, Head Custodians, and Night Leads on areas of focus, upcoming events, and any program changes. Meetings present a great opportunity for staff to discuss current challenges they are facing in their facility and develop sustainable solutions.

The Shawnee Mission School District Custodial Department Quality Control Program ensures that all schools meet expectations for cleanliness and repair. The program encompasses key inspections and reports that are designed to give feedback to staff, and identify areas of improvement:

Bi-Weekly Area Inspections

A random area inspection of each assigned zone is conducted bi-weekly for each evening custodian. Head custodian's record cleaning accuracy results through a customized inspection form that is then reviewed with the evening staff member. This provides an opportunity to highlight areas of excellence in each zone, while discussing strategies for enhancing specific tasks or spaces when necessary.

Building Walk-through Inspections

District Area Supervisors perform routine building inspections at each district facility. Inspection notes are emailed to building staff, and highlight cleaning/maintenance areas of focus and project work to be completed. Head custodians will then confirm once project work has been completed.

Bi-Annual Facility Audit

Each semester, the Coordinator of Custodial Services leads a building audit at every district facility. The corresponding report details the accuracy of routine cleaning, building porter services, grounds maintenance, equipment and supply stock, and required building reports. This provides an opportunity to ensure program consistency across the district.

Monthly Building Inspections

At the conclusion of each month, head custodians perform a routine inspection of building repair and safety. The inspection focuses key areas such as playgrounds, concrete surfaces, roofs and drains, and building safety systems. Monthly reports include any work orders that have been submitted to address necessary repairs.

Building Grade Card Spreadsheet

The Shawnee Mission School District Custodial Department rates district facilities based on “like new” readiness at the conclusion of each summer break. The scoring criteria encompasses the accuracy of restorative cleaning and maintenance processes of public and classroom spaces. A corresponding grade card is reviewed with each building staff.

High Schools	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
East	80%	84%	80%								
Horizons	95%	93%	93%								
North	72%	85%	88%								
Northwest	87%	87%	88%								
South	89%	86%	84%								
West	84%	86%	88%								

Middle Schools	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Hocker Grove	84%	76%	86%								
Indian Hills	83%	86%	85%								
Indian Woods	78%	83%	85%								
Trailridge	86%	85%	82%								
Westridge	76%	84%	84%								

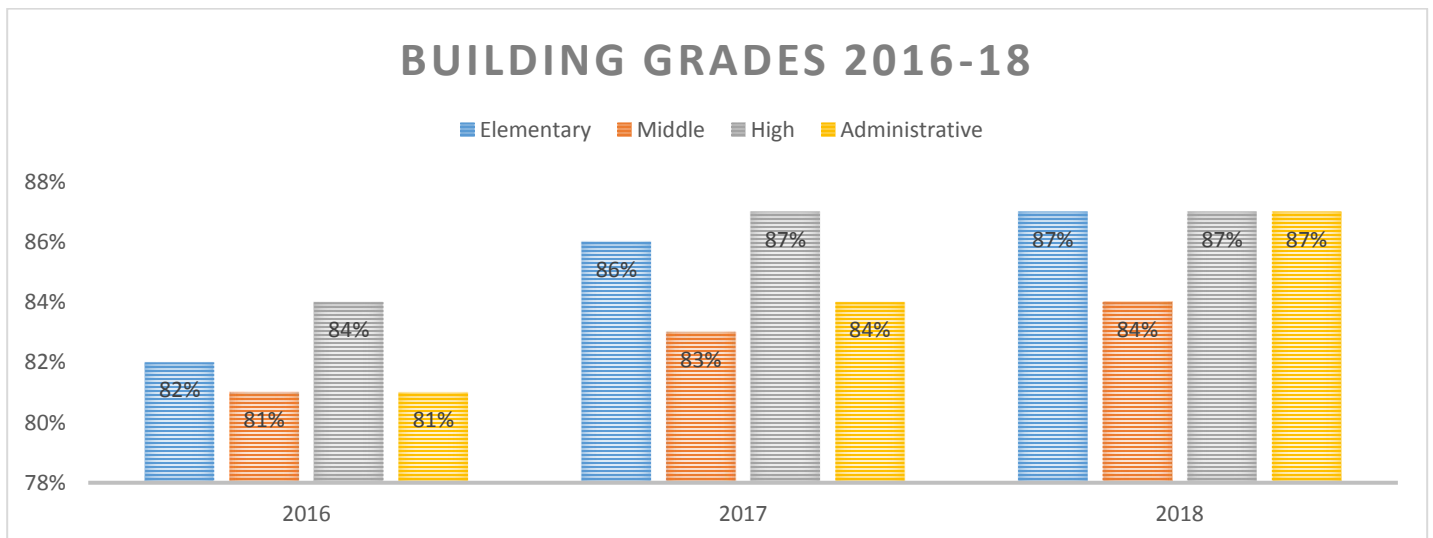
Elementary Schools	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Apache	90%	87%	90%								
Belinder	75%	80%	81%								
Benninghoven	80%	95%	94%								
Bluejacket-Flint	84%	84%	88%								
Briarwood	75%	91%	90%								
Broken Arrow	86%	88%	86%								
Brookridge	93%	93%	93%								
Brookwood	82%	87%	87%								
Comanche	88%	88%	90%								
Corinth	83%	84%	84%								
Crestview	84%	93%	92%								
Diemer	80%	82%	80%								
East Antioch	83%	81%	84%								
Highlands	82%	82%	85%								
Lenexa Hills			97%								
Marsh	80%	83%	77%								
McAuliffe	83%	80%	80%								
Merriam Park	93%	95%	95%								
Mill Creek	81%	75%	83%								
Nieman	85%	87%	88%								
Oak Park Carpenter	78%	83%	82%								
Overland Park	81%	84%	84%								

Elementary Schools	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Pawnee	78%	83%	84%								
Prairie	78%	87%	93%								
Rising Star	73%	82%	86%								
Roesland	87%	88%	90%								
Rosehill	83%	87%	88%								
Rosehill	83%	87%	88%								
Rushton	84%	85%	88%								
Santa Fe Trail	79%	84%	86%								
Shawano	95%	94%	93%								
Sunflower	76%	78%	83%								
Tomahawk	83%	85%	84%								
Trailwood	78%	92%	91%								
Westwood View	80%	84%	84%								

Administrative Centers	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Arrowhead	84%	83%	84%								
Broadmoor	75%	73%									
CAA		94%	92%								
Indian Creek	83%	87%									
SMECEC		83%	84%								

District Averages	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Elementary Schools	82%	86%	87%								
Middle Schools	81%	83%	84%								
High Schools	84%	87%	87%								
Administrative Centers	81%	84%	87%								

 = Indicates New Head Custodian Since Start of 2017-18 School Year



Custodial Areas of Focus 2018-2019

- Review current custodial handbook and implement additional guidelines and training procedures.
- Implement department online training modules geared towards new hires and returning staff.
- Increase building grade card average scores district-wide.
- Review current recruitment efforts and implement any additional strategies that may positively impact the volume of quality applicants.
- Implement bi-weekly distribution of department newsletter that highlights events, training needs, etc.
- Develop and implement Annual Evaluation Workshop for head custodians and building managers.

District Equipment Inventory

DEABS Report

District Equipment Asset Building Systems Inventory

The DEABS report is an inventory of our HVAC equipment in all buildings. This is the information we use to project future needs in regards to HVAC repair or replacement. Most HVAC equipment has a life expectancy of 15 to 20 years. Our schools range in ages of North High School 1921 to Lenexa Hills Elementary 2018.

We have 10 school that were constructed between 1921 and 1959. We also of 15 that were constructed between 1960 and 1969.

The following pages is a snap shot out of our DEABS report of 3 schools HVAC system.

Broken Arrow Elementary School

Air Handling Units / Packaged Units / Condensing Units

Tag	Location / Area Served	Installation Year	Equipment Grade Level	Rated Life Expectancy	Remaining Service Life
HEAT PUMP-1	LIBRARY OFFICE CEILING	1990	3	15	-13
HEAT PUMP-2	LIBRARY OFFICE CEILING	1990	3	15	-13
HEAT PUMP-3	LIBRARY OFFICE CEILING	1990	3	15	-13
HEAT PUMP-4	LL closet by Room 101	1990	3	15	-13
HEAT PUMP-5	LL closet by Room 101	1990	3	15	-13
HEAT PUMP-6	CEILING INSIDE ROOM 103	1990	3	15	-13
HEAT PUMP-7	ROOM 103 CEILING	1990	3	15	-13
HEAT PUMP-8	LL BOYS RR CEILING NEAR ROOM 108	1990	3	15	-13
HEAT PUMP-9	LL BOYS RR CEILING NEAR ROOM 109	1990	3	15	-13

HEAT PUMP-10	LL GIRLS RR CEILING NEAR ROOM 108	1990	3	15	-13
HEAT PUMP-11	LL STAIRWELL CEILING BTWN RMS 108 & 110	1990	3	15	-13
HEAT PUMP-12	LL STAIRWELL CEILING BTWN RMS 108 & 110	1990	3	15	-13
HEAT PUMP-13	CEILING INSIDE ROOM 109	1990	3	15	-13
HEAT PUMP-14	CEILING INSIDE ROOM 109	1990	3	15	-13
HEAT PUMP-15	ROOM 115 CEILING	1990	3	15	-13
HEAT PUMP-16	ROOM 115 CEILING	1990	3	15	-13
HEAT PUMP-17	ROOM 115 CEILING	1990	3	15	-13
HEAT PUMP-18	LL STAIRWELL CEILING BTWN RM 114 & 117	1990	3	15	-13
HEAT PUMP-19	LL STAIRWELL CEILING BTWN RM 114 & 117	1990	3	15	-13
HEAT PUMP-20	ROOM 116	1990	3	15	-13
HEAT PUMP-21	ROOM 116	1990	3	15	-13
HEAT PUMP-22	ROOM 116	1990	3	15	-13
HEAT PUMP-23	LIBRARY STORAGE	1990	3	15	-13
HEAT PUMP-24	LIBRARY STORAGE	1990	3	15	-13
HEAT PUMP-25	LIBRARY STORAGE	1990	3	15	-13
HEAT PUMP-26	HALLWAY CEILING OUTSIDE ROOM 123	1990	3	15	-13
HEAT PUMP-27	LOWER LEVEL RESTROOM AREA CEILING	1990	3	15	-13
HEAT PUMP-28	ROOM 125	1990	3	15	-13
HEAT PUMP-29	ROOM 125	1990	3	15	-13
HEAT PUMP-30	ROOM 126 CEILING	1990	3	15	-13
HEAT PUMP-31	ROOM 116	1990	3	15	-13
HEAT PUMP-32	ROOM 205 STORAGE ROOM CEILING	1990	3	15	-13
HEAT PUMP-33	ROOM 205 STORAGE ROOM CEILING	1990	3	15	-13
HEAT PUMP-34	ROOM 205 STORAGE ROOM CEILING	1990	3	15	-13
HEAT PUMP-35	ROOM 207 CEILING	1990	3	15	-13
HEAT PUMP-36	ROOM 207 CEILING	1990	3	15	-13
HEAT PUMP-37	ROOM 207 CEILING	1990	3	15	-13
HEAT PUMP-38	BOYS RESTROOM ACROSS FROM ROOM 212	1990	3	15	-13
HEAT PUMP-39	BOYS RESTROOM ACROSS FROM ROOM 212	1990	3	15	-13
HEAT PUMP-40	GIRLS RESTROOM ACROSS FROM ROOM 212	1990	3	15	-13
HEAT PUMP-41	EXIT BETWEEN ROOM 212 AND 214	1990	3	15	-13

HEAT PUMP-42	ROOM 213	1990	3	15	-13
HEAT PUMP-43	ROOM 213	1990	3	15	-13
HEAT PUMP-44	ROOM 219	1990	3	15	-13
HEAT PUMP-45	ROOM 219	1990	3	15	-13
HEAT PUMP-46	ROOM 219	1990	3	15	-13
HEAT PUMP-47	EXIT BETWEEN ROOM 218 AND 211	1990	3	15	-13
HEAT PUMP-48	ROOM 220	1990	3	15	-13
HEAT PUMP-49	ROOM 220	1990	3	15	-13
HEAT PUMP-50	ROOM 220	1990	3	15	-13
HEAT PUMP-51	BOYS RESTROOM ACROSS FROM ROOM 225	1990	3	15	-13
HEAT PUMP-52	BOYS RESTROOM ACROSS FROM ROOM 225	1990	3	15	-13
HEAT PUMP-53	GIRLS RESTROOM ACROSS FROM ROOM 225	1990	3	15	-13
HEAT PUMP-54	ROOM 227	1990	3	15	-13
HEAT PUMP-55	ROOM 227	1990	3	15	-13
HEAT PUMP-56	ROOM 227	1990	3	15	-13
HEAT PUMP-58	GYM STORAGE ROOM	1990	3	15	-13
HEAT PUMP-60	GYM STORAGE AREA	1990	3	15	-13
HEAT PUMP-61	SOUTH HALL OF MPR	1990	3	15	-13
HEAT PUMP-62	WEST HALL OF MPR	1990	3	15	-13
HEAT PUMP-63	WEST HALL OF MPR	1990	3	15	-13
HEAT PUMP-64	MUSIC STORAGE ROOM 203-204	1990	3	15	-13
HEAT PUMP-65	MUSIC STORAGE ROOM 203-204	1990	3	15	-13
HEAT PUMP-66	ROOM 202	1990	3	15	-13
HEAT PUMP-67	BETWEEN ROOMS 201 AND 202	1990	3	15	-13
HEAT PUMP-68	CUSTODIAL CLOSET NEAR KITCHEN	1990	3	15	-13
HEAT PUMP-69	KITCHEN	1990	3	15	-13
HEAT PUMP-70	KITCHEN	1990	3	15	-13
HEAT PUMP-71	KITCHEN	1990	3	15	-13
HEAT PUMP-72	KITCHEN	1990	3	15	-13
HEAT PUMP-73	WEST HALL OF MPR	1990	3	15	-13
HEAT PUMP-74	KITCHEN	1990	3	15	-13
HEAT PUMP-75	ROOM 109 CEILING	1990	3	15	-13
RTU #1	Gym Roof(replaced HP57 & 58)	2005	2	15	2
Kitchen Hood MUA/EF	Kitchen roof	1990	3	15	-13
Mini-Split	ROOF/SERVER ROOM	2011	2	15	8

ERV-1	Classroom RA plenum - North Classrooms	2000	2	10	-8
ERV-2	Classroom RA plenum - South Classrooms	2000	2	10	-8
ERV-3	Classroom RA plenum - GYM	2000	2	10	-8
ERV-4	Classroom RA plenum - Cafeteria	2000	2	10	-8

Pumps

Tag	Location / Area Served	Installation Year	Equipment Grade Level	Rated Life Expectancy	Remaining Service Life
P1	BOILER ROOM	1990	2	20	-8
P2	BOILER ROOM	1990	2	20	-8
P3	BOILER ROOM	1990	2	20	-8

Boilers

Tag	Location / Area Served	Installation Year	Equipment Grade Level	Rated Life Expectancy	Remaining Service Life
Hot Water Boiler-1	Mechanical Room	2008	2	20	10

Chillers

Tag	Location / Area Served	Installation Year	Equipment Grade Level	Rated Life Expectancy	Remaining Service Life
Cooling Tower	Outside Mechanical Room	2005	2	20	7

Tomahawk Elementary School

Air Handling Units / Packaged Units / Condensing Units

Tag	Location / Area Served	Installation Year	Equipment Grade Level	Rated Life Expectancy	Remaining Service Life
RTU-1	Rm 4, 5	1997	3	15	-6
RTU-2	Rm 6, 7, S entr	1997	3	15	-6
RTU-3	Rm 8, 9, 10, E BRR, W GRR	1997	3	15	-6
RTU-4	Rm 1, 2, 3, E GRR, W BRR	1997	3	15	-6
RTU-5	Office area, NW RRs, NW E entr	2012	1	15	9
RTU-6	Rm 11A, 12	2014	1	15	11
RTU-7	Library	2010	1	15	7
RTU-8	NW Art rm	1997	3	15	-6
RTU-9	Cafeteria, Kitchen	1997	3	15	-6
RTU-10	Rm 24	1997	3	15	-6
RTU-11	Rm 21, 22, 23, mid hall	1997	3	15	-6
RTU-12	Rm 18, 19, 20	2012	1	15	9
RTU-13	Rm 13, 14, GRR, BRR	1997	3	15	-6
RTU-14	Rm 15, 16, 17, S hall	1997	3	15	-6
RTU-15	Gym and stage	1997	3	15	-6
RTU-16	Music rm and storage	1997	3	15	-6

Domestic Water Heaters

Tag	Location / Area Served	Installation Year	Equipment Grade Level	Rated Life Expectancy	Remaining Service Life
DWH-1		2000	2	15	-3
DWH-2	Kitchen DHW	2000	2	15	-3

Indian Woods Middle School

Air Handlers / Packaged Units / Condensing Units

Tag	Location / Area Served	Installation Year	Equipment Grade Level	Rated Life Expectancy	Remaining Service Life
AHU-A1	3 level classroom wing East	1996	2	25	3
AHU-A2	3 level classroom wing Middle	1996	2	25	3
AHU-A3	3 level classroom wing West	1996	2	25	3
AHU-B3	13,14,114,113	1996	2	25	3
AHU-B4	Rm s 11,12, 111, Library	1996	2	25	3
AHU-C1	Office (100) and Lounge (126)	1996	2	25	3
AHU-D1	Boiler Rm / N rms 131, 134, 135, 136	1996	2	25	3
AHU-E1	mezzanine / S side gym	1996	2	25	3
AHU-E2	mezzanine / N side gym	1996	2	25	3
AHU-E3	mezzanine / MPR	1996	2	25	3
RTU-D2	133	1996	3	15	-7
RTU-D3	129	2014	1	15	11
RTU-E4 (D4)	corridor/lobby	1996	3	15	-7
RTU-K1	Kitchen roof	1996	3	15	-7
RTU - 1	new gym	2012	1	15	9
RTU - 2	stage	2012	1	15	9
RTU - 3	fitness rm	2012	1	15	9
ER-A1	AHU-A1	1996	3	15	-7
ER-A2	AHU-A2	1996	3	15	-7
ER-B3	AHU-A3	1996	3	15	-7
ER-E1	AHU-E1	1996	3	15	-7
ER-E2	AHU-E2	1996	3	15	-7
ER-E3	AHU-E3	1996	3	15	-7

Pumps

Tag	Location / Area Served	Installation Year	Equipment Grade Level	Rated Life Expectancy	Remaining Service Life
CHW P-1	CW LOOP	1997	2	20	-1
CHW P-2	CW LOOP	1997	2	20	-1
HW P-3	HW LOOP	1997	2	20	-1
HW P-4	HW LOOP	1997	2	20	-1
CTP-1	COND LOOP	2009	2	20	11
CTP-2	COND LOOP	2009	2	20	11

Boilers

Tag	Location / Area Served	Installation Year	Equipment Grade Level	Rated Life Expectancy	Remaining Service Life
B-1	Boiler Rm	2009	2	25	16
B-2	Boiler Rm	2009	2	25	16
B-3	Boiler Rm	2009	2	25	16
B-4	Boiler Rm	2009	2	25	16

Chillers

Tag	Location / Area Served	Installation Year	Equipment Grade Level	Rated Life Expectancy	Remaining Service Life
CH -1	Boiler Rm	2009	2	23	14
CT-1	outside boiler rm	2009	2	20	11

Oldest Elementary Site Report

In the evaluation of our oldest elementary schools we assessed the needs and conditions of the site(s) current status. The assessment of our ten oldest elementary schools including The Early Childhood Center, was evaluated by Architects and Engineers.

The evaluation process consisted of a research phase assessing the history of each facility, additions and updates completed and floor plans updated with current information. The following site visits were conducted by ACI Boland and Hollis and Miller Architects, Malone Finkle Mechanical, Electrical and Plumbing Engineers, who independently evaluated the buildings. The evaluations are an industry accepted scoring system covering Building Site, Structural, Mechanical, Plant Maintainability, Building Safety and Security, Educational Adequacy and Environment for Education. Each building's report included a Site Analysis, Roof Assessment, and Architectural Evaluation producing an MEP Narrative. In the final step of the process, JE Dunn Construction compiled an estimate for potential replacement of building(s), or remodel(s) and options. The following page is the scoring metric. These are the results presented by the team evaluation.

Elementary School Conditions

Insp yr	Build	Feeder	School	School Site	Structure and Mechanical	Plant Maintainability	Building Safety	Environ for Education	Education Adequacy	Total out of 1,000
2016	1954	N	Ruston	67 out of 100	91 out of 200	71 out of 100	121 out of 200	86 out of 200	87 out of 200	523
2016	1952	E	Belinder	61 out of 100	107 out of 200	66 out of 100	143 out of 200	83 out of 200	97 out of 200	557
2016	1965	W	Pawnee	63 out of 100	98 out of 200	50 out of 100	125 out of 200	121 out of 200	105 out of 200	562
2017	1962		SMISC	62 out of 100	120 out of 200	40 out of 100	160 out of 200	105 out of 200	95 out of 200	582
2016	1964	S	Deimer	67 out of 100	103 out of 200	46 out of 100	154 out of 200	129 out of 200	86 out of 200	585
2016	1954	E	Tomahawk	73 out of 100	124 out of 200	61 out of 100	151 out of 200	92 out of 200	119 out of 200	620
2016	1968	E	Westwood	53 out of 100	120 out of 200	54 out of 100	162 out of 200	118 out of 200	116 out of 200	623
2016	1953	N	Santa Fe	72 out of 100	121 out of 200	63 out of 100	156 out of 200	121 out of 200	121 out of 200	654
2016	1966	S	Rosehill	83 out of 100	129 out of 200	63 out of 100	150 out of 200	111 out of 200	120 out of 200	656
2016	1958	N	East Antioch	69 out of 100	153 out of 200	69 out of 100	151 out of 200	100 out of 200	117 out of 200	669
2016	1967	S	Brookridge	70 out of 100	123 out of 200	67 out of 100	163 out of 200	145 out of 200	142 out of 200	710

Future Project Focus

Potential Rebuilds	\$ 22,000,000.00
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South and Broadmoor baseball field drainage issues	\$ 250,000.00
HVAC	\$ 40,000,000.00
Asphalt	\$ 7,000,000.00
Additional security enhancements	\$ 5,000,000.00
Upgrade sound and lighting high and Middle schools audit/theaters	\$ 7,000,000.00
ADA Playground and fall zone/playground	\$ 18,900,000.00
Landscape design and upgrades	\$ 2,000,000.00
Early childhood Center upgrades	\$ 15,000,000.00
Restroom and locker room upgrades	\$ 25,000,000.00
Athletics fields and court upgrades	\$ 5,000,000.00
Remodel O&M for future signature programs	\$ 4,000,000.00
North Stadium upgrades	\$ 3,000,000.00
South Locker rooms	\$ 1,000,000.00
Urban Farm	\$ 1,000,000.00
Upgrades for Projector to TV conversions	\$ 6,000,000.00
Kitchen upgrades	\$ 15,700,000.00
High school/ Middle school classroom furniture	\$ 15,750,000.00
Roofs	\$ 10,000,000.00
Car charging stations for the high schools	\$ 250,000.00
Plumbing upgrades	\$ 2,000,000.00
Lighting upgrades convert to LED	\$ 10,000,000.00
Network upgrades	\$ 8,000,000.00
High School/ Middle School renovations (Science labs, Skilled and Technology Programs and Interior updates, Etc.)	\$ 20,000,000.00