



ROCKFORD AREA SCHOOLS

INDEPENDENT SCHOOL DISTRICT 883

BOARD OF EDUCATION

A Tradition of Excellence, One Student at a Time

Agenda for July 19, 2021

5:30 PM

Rockford Community Center

7600 County Rd 50

Rockford, MN 55373

1. **CALL MEETING TO ORDER**

A. Board Roll Call

2. **APPROVAL OF AGENDA**

3. **ICS Facilities Update**

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4. **BOARD ANNOUNCEMENTS**

A. Regular Meeting of the Board of Education after this meeting, 6:30 p.m. in this same location.

5. **ADJOURNMENT**

Our Mission: *In partnership with our communities and families, Rockford Area Schools provides challenging opportunities to engage, inspire, and educate globally-minded citizens.*

Our Vision: *Rockford Area Schools provides a supportive, rigorous, and relevant learning culture producing courageous learners prepared to enter a global society.*

Rockford Board of Education

Brady Anderson

Eric Gordee

Jenny Kneeland

Amy Edwards

Jessica Johnson

Beth Praska

Superintendent Rhonda Dean



**ROCKFORD AREA SCHOOLS
INDEPENDENT SCHOOL DISTRICT 883
BOARD OF EDUCATION**

Subject: ICS Update

Meeting Date: July 19, 2021

Prepared by: Ryan Hoffman, ICS

Date Prepared: July 14, 2021

Information

Briefing

Action

Enclosure Item(s)

Ryan Hoffman from ICS will be presenting an update on the Facilities survey results.



ROCKFORD AREA SCHOOLS FACILITY PLANNING

School Board Work Session
July 19, 2021

Current Facility Status

- Long Term Facility Maintenance - LTFM
- Educational Space Standards
- Building Utilization
- Staff Input / Survey
- Demographics - Preliminary





Long Term Facilities Maintenance - LTFM

LTFM – Rockford Elementary



\$5.7M
in identified
needs

Category	Item Description	Budget	Description
Site Projects - 384			
Site Projects - 384			
Building Envelope - 368	Interior Surfaces - 379	Carpet	\$101,846 Replace carpet on the upper level.
Building Envelope - 368			Most of the VCT is in fair condition, there are many cases throughout the building where tile is cracking or damaged and these areas will need replacement. There are also instances at exterior doors where the tile has cracked and chipped away which will need repair.
Building Envelope - 368	Interior Surfaces - 379	VCT	\$5,092
Building Envelope - 368	Interior Surfaces - 379	Wood Flooring	\$9,548 Gym Floor clean and recoat
Plumbing - 381		Plumbing fixtures	\$3,713 Replace single mount drinking fountain
Site Projects - 384		Parking lots / Paving	\$76,491 Sealcoat south lot
Site Projects - 384		Playground Equipment	\$5,464 Implementation of yearly inspections.
Building Envelope - 368		Windows	\$5,464 Repair leaking windows
Roof Systems - 383		Roofing	\$1,051,691 Per Tremco schedule and maps, roofs 1,2,3,4,5,6,7,8,10
Interior Surfaces - 379	Building Hardware & Equipment - 369	Kitchen Equipment - Permanent	\$29,504 Dishwasher is in poor condition, it recently started on fire and should be replaced. Staff reports issues with the steamer and replacement is needed.
Interior Surfaces - 379		Carpet	\$100,531 Replace lower level carpet.
Interior Surfaces - 379		Wood Flooring	\$9,835 Gym Floor clean and recoat
Site Projects - 384			
Site Projects - 384	Interior Surfaces - 379		
Building Envelope - 368	Site Projects - 384		
Building Envelope - 368	Site Projects - 384		
Building Envelope - 368	Building Envelope - 368	Windows	\$5,970 Repair leaking windows
Plumbing - 381	Interior Surfaces - 379	Wood Flooring	\$10,746 Gym Floor clean and recoat
Site Projects - 384			
Site Projects - 384	Building Envelope - 368		
Building Envelope - 368	Building Envelope - 368		
Building Envelope - 368	Interior Surfaces - 379		
Building Envelope - 368	Mechanical Systems - 380	Boilers	\$101,494 There are 2 low pressure hot water boilers at the school. The larger Burnham is original to the building and in fair condition. Staff reports that the temperature controls do not allow the boiler to reach optimal temperature, there is also no stack damper on the unit. This boiler will need to be replaced. The smaller KN-30 boiler is maintenance intensive and requires frequent maintenance to clean soot, at time of assessment this boiler was off line.
Building Envelope - 368			
Roof Systems - 383	Electrical - 370	Lighting - Halls	\$789,866 Lighting in the school consist of T8 fluorescent fixtures with HID can lights in some stair wells. Fixtures are nearing the end of their useful lives and conversion to LED fixtures along with a lighting control system should be considered.
Building Hardware & Equipment - 369	Site Projects - 384	Playground Equipment	\$6,149 Implementation of yearly inspections.
Building Hardware & Equipment - 369	Building Envelope - 368	Windows	\$6,149 Repair leaking windows
Plumbing - 381	Interior Surfaces - 379	Wood Flooring	\$11,069 Gym Floor clean and recoat
Site Projects - 384	Site Projects - 384	Parking lots / Paving	\$310,359 Replace south lot.
Building Envelope - 368	Site Projects - 384	Playground Equipment	\$6,334 Implementation of yearly inspections.
Interior Surfaces - 379	Building Envelope - 368	Windows	\$6,334 Repair leaking windows
	Interior Surfaces - 379	Wood Flooring	\$11,401 Gym Floor clean and recoat
	Site Projects - 384	Playground Equipment	\$6,524 Implementation of yearly inspections.
Electrical - 370	Building Envelope - 368	Windows	\$6,524 Repair leaking windows
Site Projects - 384	Interior Surfaces - 379	Wood Flooring	\$11,743 Gym Floor clean and recoat

LTFM – Rockford Middle School

Category	Item Description	Budget	Description	
			Condition varies, there are cracked panels all around the building. At the bus area there is also	
Site Projects - 384				
Site Projects - 384				
Building Envelope - 368	Building Envelope - 368	Aluminum Doors / Frames	\$37,132	Upper level entrances on the North side doors and the lower level entrance doors by the District Office are in poor condition and replacement is needed.
Building Envelope - 368	Building Envelope - 368	Exterior Door Hardware	\$52,515	Hardware as needed for doors to be replaced.
Building Envelope - 368				Condition of carpet varies throughout the building. The south section of the school in the classroom area has recently been updated and is in good condition. The North end of the school has many areas where the carpet is worn and in poor condition.
Building Envelope - 368	Interior Surfaces - 379	Carpet	\$123,064	
Interior Surfaces - 379	Interior Surfaces - 379	VCT	\$84,872	VCT condition varies throughout the school. Hallways in the north portion of the building and in the lower level are beginning to show wear as well as sections of cracking and damage.
	Interior Surfaces - 379	Acoustical Ceilings	\$81,689	Acoustical ceilings in the south portion of the building are in good condition, in the north portion of the building there are many areas that are in poor condition mostly in the hall.
Plumbing - 381	Interior Surfaces - 379	Toilet partitions	\$21,218	Toilet partitions are in good condition with the exception of the locker rooms which will need replacement.
Site Projects - 384				Lower level restrooms by room 11 do not meet occupancy codes and are no longer used. There are no student restrooms on this level currently and these could be utilized if upgrades are made. These rooms could also be converted to storage or custodial at a lower cost.
Building Hardware & Equipment - 369	Interior Surfaces - 379	Other	\$37,662	
	Plumbing - 381	Water conditioning	\$11,352	Water conditioning system is older and in fair condition.
	Electrical - 370	Distribution / Panels	\$15,914	Replace panel at pole shed
Site Projects - 384	Site Projects - 384	Parking lots / Paving	\$38,245	Maintenance for upper staff lot and parent drop-off.
	Site Projects - 384	Fencing	\$120,200	Replace fencing around ballfields - Carver Park?
Building Envelope - 368	Roof Systems - 383	Roofing	\$244,546	Per Tremco schedule and maps, restore roofs G,G1,L,N.
	Building Hardware & Equipment - 369	Elevator	\$114,736	Elevator is original to the building and has exceeded it's useful life, replacement is recommended.
Building Envelope - 368				Some of the kitchen equipment, particularly the double convection oven, steamers and the dishwasher, is aging and dated and will need to be replaced.
	Building Hardware & Equipment - 369	Kitchen Equipment - Permanent	\$45,895	
	Building Hardware & Equipment - 369	Other- Overhead Door	\$3,825	Overhead door into the shop area off the gym has exceeded it's useful life, it is in poor condition and will need replacement.
Building Envelope - 368	Site Projects - 384	Parking lots / Paving	\$28,138	Sealcoat of the lower level staff lot.
	Interior Surfaces - 379	Wood Flooring	\$62,601	Wood floor in the gym is in fair condition, wear is beginning to show, refinishing will be needed.
	Interior Surfaces - 379	Classroom Casework	\$447,770	Replace casework throughout the school
	Electrical - 370	Lighting - Halls	\$629,901	Lighting throughout the school is T8 Fluorescent, the fixtures have exceeded their useful lives and should be changed to LED.

\$2.8M
in identified
needs

LTFM – Rockford High School



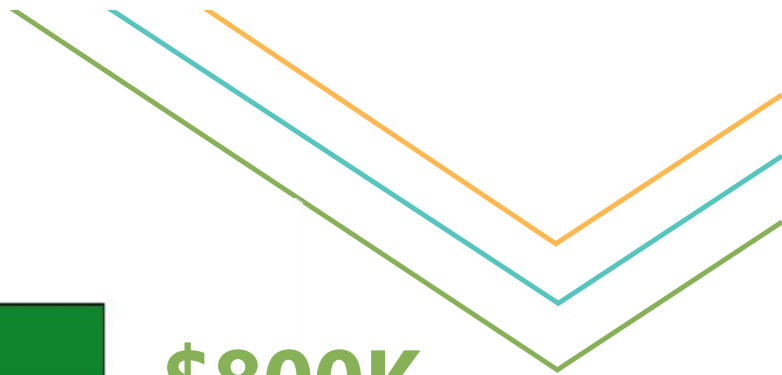
Category	Item Description	Budget	Description
Site Projects - 384	Signage	\$27,318	Update site signage
Building Envelope - 368			
Building Envelope - 368			
Roof Systems - 383			
Building Hardware & Equipment - 369			
Interior Surfaces - 379	Carpet	\$111,240	Carpet is in poor condition in many areas of the school. All the classrooms are in need of new carpet along with the media center. The admin offices will also need carpet replaced.
Mechanical Systems - 380	Other	\$72,100	Replace destrat fans in Gym
Site Projects - 384	Asphalt Paving	\$63,437	Replace main drive that the school buses use to enter the school. Replace the asphalt path to the gymnasium.
Building Hardware & Equipment - 369			
Site Projects - 384			
Site Projects - 384	Signage	\$27,318	Update site signage
Building Hardware & Equipment - 369	Building Envelope - 368		Brick and block is in good condition throughout the majority of the building. The exception to this is the area on the east section of the north wall where the block is in poor condition, repairs and painting will be needed.
Physical Hazards - 347	Building Envelope - 368	\$101,296	
Environmental H&S Management - 352	Building Envelope - 368	\$120,200	EFIS wall restoration per Tremco at RCC
Site Projects - 384	Roof Systems - 383	\$447,074	Per Tremco maps and schedule, roofs 2,3,9,10
Roof Systems - 383	Building Hardware & Equipment - 369	\$36,060	Replacement of 3 overhead doors - 20, 21, 22
Site Projects - 384			Construction of Metal doors between classroom areas and main hall are constructed where they prevent access of large floor scrubber. These doors are also in a location where they block access to restrooms during events in the auditorium. Doors should be moved further west and constructed so that a large scrubber can get through.
Building Envelope - 368	Building Hardware & Equipment - 369	\$14,632	
Roof Systems - 383			
Electrical - 370	Interior Surfaces - 379		Both gyms have drop down curtains. The high school gym curtains appear to be in good condition. The curtains in the community center are experiencing significant wear in grommets that the cable to raise and lower the curtain runs through. This affects raising and lowering and leads to failures, grommet replacement is needed as the rest of the curtain is in good condition.
Interior Surfaces - 379	Building Hardware & Equipment - 369	\$16,883	
Interior Surfaces - 379	Physical Hazards - 347	\$56,275	Bleachers replace one section
Physical Hazards - 347	Environmental H&S Management - 352	\$5,628	-
Environmental H&S Management - 352	Site Projects - 384	\$174,471	Replacement of staff lot on the south side.
Site Projects - 384	Roof Systems - 383	\$365,514	Per Tremco maps, roofs 1,1A,1B,11,12
Roof Systems - 383	Site Projects - 384	\$122,987	Seal coat athletic complex lot and service road.
Site Projects - 384			Most lighting in the school consists of T8 fluorescent with some fluorescent can lighting. Fixtures have exceeded their useful lives and should be converted to LED along with a lighting control system.
Mechanical Systems - 380	Mechanical Systems - 380	\$1,155,246	
Electrical - 370			
Site Projects - 384			
Site Projects - 384	Mechanical Systems - 380	\$11,069	Larger condensing units on the roof were installed in 2014 and are in good condition. There are 4 mini split condensers on the roof that are in good or fair condition. Unable to get age of units from all but Liebert. Liebert installed in 2014 and is good condition. Replacement in 2028
Site Projects - 384	Building Envelope - 368	\$44,337	Sealants look to have been reapplied to the majority of the building fairly recently and are in good condition. Forecast for replacement in 2029

\$5.5M in identified needs

LTFM – District Wide

School	Category	Item Description	Budget	Description
District Wide Allocations	Site Projects - 384	Parking lots / Paving	\$5,500	Parking Lot painting

School	Category	Item Description	Budget	Description
District Wide Allocations	Building Envelope - 368	Painting	\$2,550	Allowance for exterior painting - All buildings
District Wide Allocations	Interior Surfaces - 379	Wall Paint / Paper	\$12,750	Allowance for interior painting - All buildings
District Wide Allocations	Physical Hazards - 347	Inspections - Elevator/Lift/Hoist	\$1,739	elevator inspections
District Wide Allocations	Hazardous Substance - 349	infectious Waste Mang. & Disposal	\$1,791	yearly budget for hazardous material removal
District Wide Allocations	Building Envelope - 368	Rack Flow Preventers	\$2,087	RP7 testing and maintenance
District Wide Allocations	Interior Surfaces - 379	Management	\$1,434	-
District Wide Allocations	Physical Hazards - 347	Fire Alarm System / Equipment	\$1,391	Fire extinguisher inspections and maintenance.
District Wide Allocations	Hazardous Substance - 349	Inspections	\$17,389	Testing and maintenance of Fire alarm system, Aniel system and smoke hatch's
District Wide Allocations	Site Projects - 384	Parking lots / Paving	\$6,567	Parking Lot painting
District Wide Allocations	Building Envelope - 368	Painting	\$2,627	Allowance for exterior painting - All buildings
District Wide Allocations	Interior Surfaces - 379	Wall Paint / Paper	\$13,135	Allowance for interior painting - All buildings
District Wide Allocations	Physical Hazards - 347	Inspections - Elevator/Lift/Hoist	\$1,791	elevator inspections
District Wide Allocations	Hazardous Substance - 349	infectious Waste Mang. & Disposal	\$1,791	yearly budget for hazardous material removal
District Wide Allocations	Building Envelope - 368	Rack Flow Preventers	\$2,149	RP7 testing and maintenance



\$800K
in identified
needs

School	Category	Item Description	Budget	Description
District Wide Allocations	Site Projects - 384	Parking lots / Paving	\$7,392	Parking Lot painting
District Wide Allocations	Building Envelope - 368	Painting	\$2,957	Allowance for exterior painting - All buildings
District Wide Allocations	Haz Bus Garage	Site Projects - 384	Storm Sewer	There is a significant mound by the storm drain on the east side of the garage, this will need to be repaired when the lot is resurfaced.
District Wide Allocations	Building Envelope - 368	Other	\$10,300	Oil door Maintenance
District Wide Allocations	Interior Surfaces - 379	Office Casework	\$5,150	replace Countertop and sink
District Wide Allocations	Physical Plumbing - 381	Bus Garage	Plumbing - 381	A section of domestic piping from the boiler room to the classroom area is in poor condition, it is galvanized and prone to leaks. Replacement of this line is needed
District Wide Allocations	Hazardous Plumbing - 381	Bus Garage	Plumbing - 381	Water heater is 20 gallon and appears to be past its useful life.
District Wide Allocations	Environm	Bus Garage		Drain from inside the garage to the storm sewer does not drain, it is either plugged or collapsed.
District Wide Allocations	Fire Safet	Bus Garage	Plumbing - 381	Other
District Wide Allocations	Fire Safet	Bus Garage	Plumbing - 381	Further investigation is required to determine what is the actual problem is and determine solution. This should be done prior to lot replacement in case replacement of the line is needed.
District Wide Allocations	Site Proj	Bus Garage	Building Envelope - 368	Metal Panel
District Wide Allocations	Building Envelope - 368	Bus Garage	Building Envelope - 368	Many areas around the building next to the overhead doors where metal panels have been damaged from buses backing into them, initial repairs should be done and then as needed annually. Allowance for the next 10 years.
District Wide Allocations	Interior Surfaces - 379	Bus Garage	Interior Surfaces - 379	Acoustical Ceilings
District Wide Allocations	Physical i	Bus Garage		Ceiling tile is in fair to poor condition and replacement is warranted
District Wide Allocations	Hazardous	Bus Garage		Lighting throughout the building consists of T8 fluorescent fixtures. Fixtures in the bus parking area should be replaced with LED fixtures with integral motion sensors. LED fixtures with external motion sensors should be installed in the office area and simple LED fixtures with no motion sensing should be installed in the shop area.
District Wide Allocations	Fire Safet	Bus Garage	Electrical - 370	Lighting - Halls
District Wide Allocations	Fire Safet	Bus Garage		The AHU that serves the office area is well past it's useful life, has damaged duct work and should be replaced. There is no exhaust in the shop area, fresh air intake and exhaust will need to be added. There is an exhaust system in the bus parking area that operates off CO detection sensors. CO detectors need to be replaced every 5 years.
District Wide Allocations	Fire Safet	Bus Garage	Mechanical Systems - 380	Ventilation / Air Handling
District Wide Allocations	Fire Safet	Bus Garage	Mechanical Systems - 380	Ventilation / Air Handling
District Wide Allocations	Fire Safet	Bus Garage	Site Projects - 384	Parking lots / Paving



EDUCATIONAL SPACE STANDARDS

Educational Space Standards - ES

(b) Elementary School Learning Spaces Square Footage Guidelines

Table IV
Square Footage Guidelines for Elementary School Learning Spaces

Elementary School	Learning Spaces	SF
	Early Childhood	1000-1400
	Kindergarten	1200-1500
	Classrooms	850-950
Common Spaces	Large Group	10-12 SF/Student
	Team Learning	1200-1800
	Small Group/Conference/Office	150-200
Library/Media Center	Entrance, Circulation, Distribution	600
	Seating, Stacks, Computer Access, Reference	8-10% of Students x 35 SF
	Small Group/Conference/Office	150
	Multimedia Editing	100
	Classroom/Story Area	800
Technology	Workroom/Storage	400-600
	Professional Library	200
	Computer Lab	1000-1200
	Control and Headrooms, Closets	390-440
Special Education	Copy Center	500
	Classroom (5-8 students)	450
	Classroom/Lab	800-1200
Art/Science	Multipurpose Classroom/Lab	1000-1500
	Kiln, Glazing, Clay, Damp room	250
	Science Lab Preparation	250
Music	General Music	1000-1500
	Choral	1200-1700
	Instrumental	1500-2000
Physical Education/Sports	Instrument Storage + Circulation	600-800 (4 SF/Instrument)
	Ensemble/Keyboarding/Music Library	400-500
	Gymnasium (two stations)	6000-8000



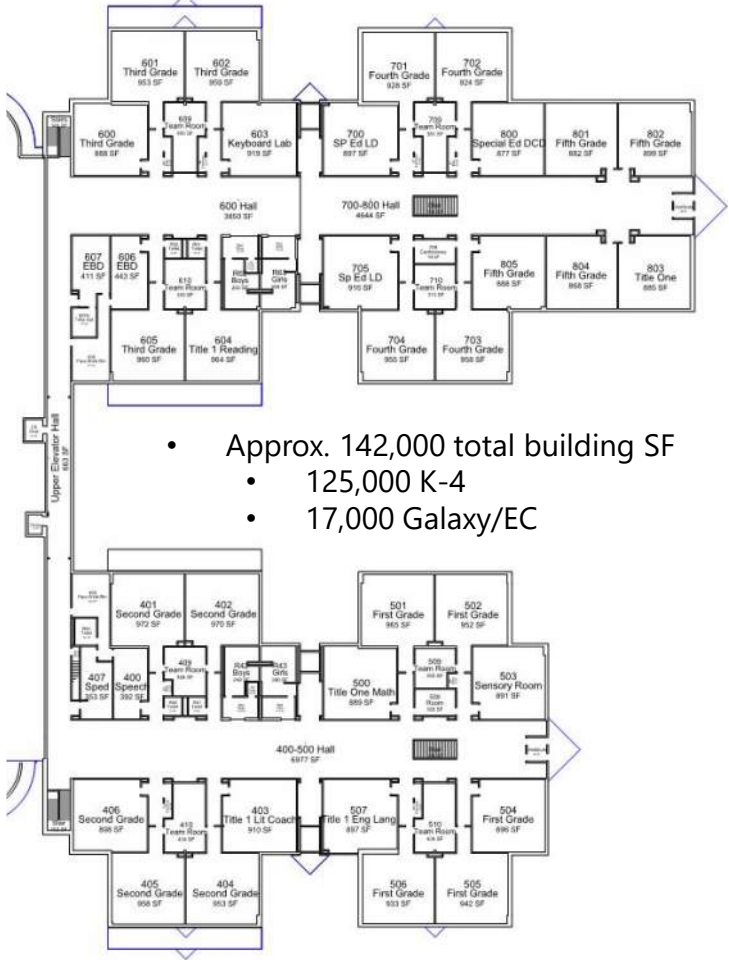
Elementary School	Learning Spaces	SF
	Multipurpose	1700
	Adaptive Physical Education	500
	General Storage	300/Station

Elementary School Gross Square Footage	Student Enrollment	SF/Student
	Less than 500	125-155
	500-999	110-135
	1000-1500	100-135

For pool, auditorium, or community use/partnership spaces add square footage as appropriate

Space Standards – Rockford Elementary School

- SF > MDE Guidelines
- SF < MDE Guidelines (0-10%)
- SF < MDE Guidelines (10% or more)



- Approx. 142,000 total building SF
 - 125,000 K-4
 - 17,000 Galaxy/EC

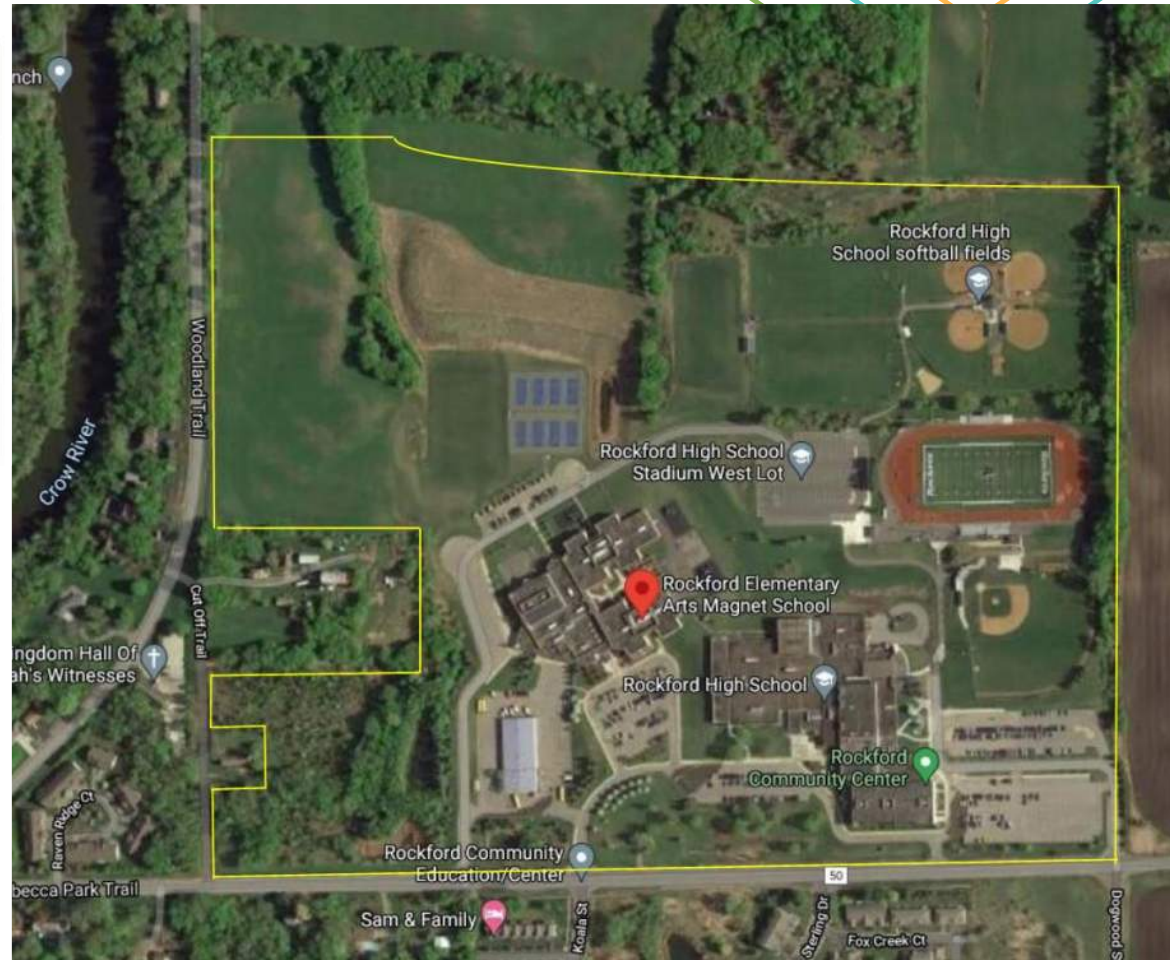
	MDE	ISD 883	+/-
SF/Student	110-135	250	+115-140

Property and Site

Table V
Elementary School Outdoor Activity Spaces

Area/Activity	Recommended Dimensions (in feet)	Space Required Square Feet	Number Required	Total Required Square Feet	Acres
Apparatus	75x120	9,000	1	9,000	0.21
Multipurpose	100x120	12,000	2	24,000	0.55
Track and Field	80x120	9,600	1	9,600	0.22
General Purpose	100x200	20,000	1	20,000	0.46
Softball	250x250	62,500	2	125,000	2.87
Field Games	180x140	25,200	2	50,400	1.16
			Net area	229,000	5.26
Transition Spaces		+30%		68,700	1.58
Total			Gross area	297,700	6.84

	MDE	ISD 883
Site Size (Acre)	19-24	113 - Shared



Educational Space Standards - MS

(b) Middle Level School Learning Spaces Square Footage Guidelines

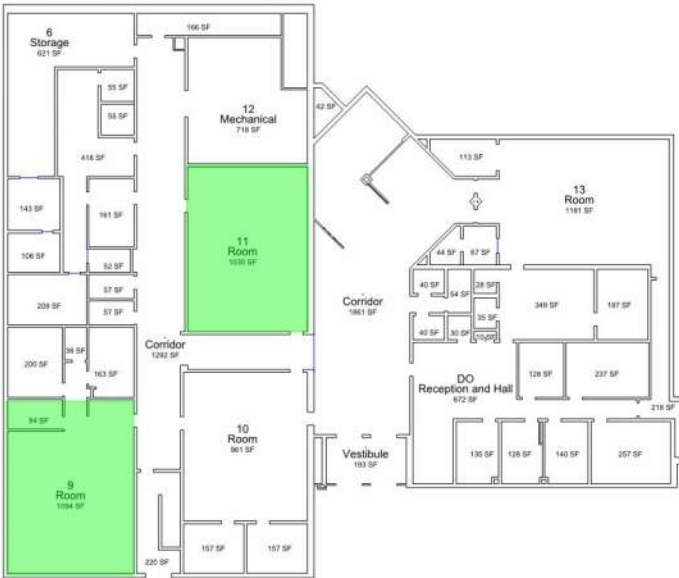
Table VI
Square Footage Guidelines for Middle Level Schools

Middle Level	Learning Spaces	Square Footage
	Classrooms	850-950 square feet
	Large Group	15 square feet/student
	Team Learning Areas	1500-2000 square feet
	Small Group/Conference/office	150-200 square feet
Library/Media Center	Entrance, Circulation, Distribution	600-800 square feet
	Seating, Stacks, Computer Access, Reference	8-10% of Students x 35 square feet
	Small Group/Conference	150 square feet
	Multimedia Production	200 square feet
	Classroom	800 square feet
	Workroom/Storage	400-600 square feet
	Professional Library	200 square feet
Technology	Computer Lab	1000-1300 square feet
	Control and Headrooms, Closets	540-640 square feet
	Copy Center	500-800 square feet
Science	Classroom/Lab	1200-1500 square feet
	Storage/Lab Prep	300 square feet
Special Education	Classrooms (5-8 students)	450 square feet
	Classroom/Lab	800-1200 square feet
Technical Education	Tech Lab	1800-2400 square feet
	General Shop	2000-3000 square feet
	CADD/Graphics	1400-2000 square feet
	Principals of Technology	1200-1400 square feet

Middle Level	Learning Spaces	Square Footage
	Storage/Support Space	150-250 square feet/teaching station
Family and Consumer Science	Classroom	900-1000 square feet
	Classroom/Lab	1200-1500 square feet
Art	Multipurpose	1200-1500 square feet
	Drawing and Painting	1200-1500 square feet
	Ceramics	1500 square feet
	Kiln, Glazing, Clay, Damp Room	400 square feet
	Storage	300 square feet/area
	Photography/Darkroom	1000/400-800 square feet
	Office	120 square feet
Music	Instrumental	1500-2700 square feet
	Choral	1200-2000 square feet
	General Music	1000-1200 square feet
	Instrument Storage	600-800 (4 square feet/instrument)
	Small Practice	60-80 square feet
	Group Practice	100-150 square feet
	Electronic Keyboarding Lab	750 square feet
	Music Library	150-200 square feet
	Office/Lesson Studio	100-200 square feet
	Instrument Repair	75 square feet
	Performance Equipment Storage	200-300 square feet
Physical Education/Athletics	Gymnasium (two stations)	12000-14000 square feet
	Multipurpose/auxiliary gymnasium	1700 square feet
	Weights/Fitness	2000 square feet
	Adaptive Physical Education	500 square feet
	Physical Education Locker Rooms	1 square feet/Student Capacity
	Athletic Locker Rooms	1000-1500 square feet



Space Standards – Rockford Middle School



- Approx. 103,000 total building SF
 - 99,500 5-8
 - 3,500 District Office

	MDE	ISD 883	+/-
SF/Student	170-200	199	N/A

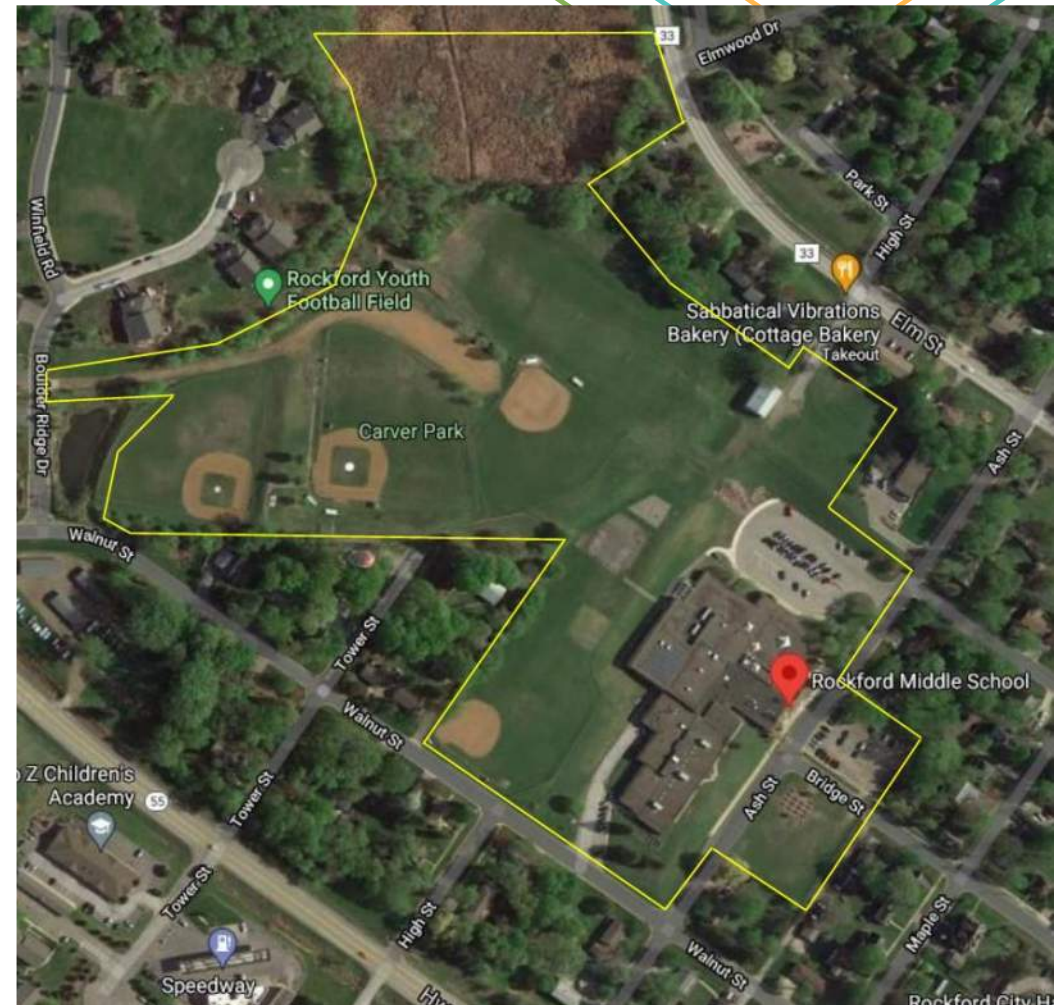


Property and Site

Table VII
Middle School Outdoor Activity Spaces

Area/Activity	Recommended Dimensions (in feet)	Space Required Square Feet	Number Required	Total Required Square Feet	Acres
Multipurpose	100x120	12,000	2	24,000	0.55
Track and Field	320x600	192,000	1	192,000	4.41
Football	160x360	57,600	2	115,200	2.64
Soccer	225x360	81,000	2	162,000	3.72
Softball	270x270	72,900	4	291,600	6.69
Baseball	300x300	90,000	2	180,000	4.13
Archery	90x225	20,250	2	40,500	0.93
Driving Range	80x600	48,000	1	48,000	1.10
Tennis	48x120	5,760	8	46,080	1.06
General Purpose	10x200	20,000	2	40,000	0.92
			Net Area	1,139,380	26.16
Transition spaces		+ 30%		341,814	7.85
Total			Gross Area	1,481,194	34.01

	MDE	ISD 883	+/-
Site Size (Acre)	30-40	30 approx.	N/A



Educational Space Standards - HS

High School	Learning Spaces	Square Footage
	Classrooms	850-950 square feet
	Large Group	15 square feet/student
	Team Learning Areas	1500-2000 square feet
	Small Group/Conference	150-200 square feet
Library/Media Center	Entrance, Circulation, Distribution	700-900 square feet
	Seating, Stacks, Computer Access, Reference	8-10% of Students x 40 square feet
	Small Group/Conference	150-200 square feet
	Multimedia Production	300-400 square feet
	Classroom	800 square feet
	Workroom/Storage	400-600 square feet
	Professional Library	200 square feet
Technology	Computer Lab	1000-1400 square feet
	Control and Headrooms, Closets	640-740 square feet
	Copy Center	500-800 square feet
	ITV/Distance Learning	900 square feet
	TV/Video Studio	1250 square feet
Science	Classroom/Lab	1200-1500 square feet
	Storage/Lab Prep	350 square feet
Special Education	Classrooms (5-8 students)	450 square feet
	Classroom/Lab	800-1200 square feet
Technical Education	Tech Lab	1800-2400 square feet
	General Shop	2000-3000 square feet
	CADD/Graphics	1400-2000 square feet
	Pool	10000-12000 square feet
	Diving Well	1500-2500 square feet

High School Gross Square Footage	Student Enrollment	Square Footage
	Less than 500	200-320 gross square feet
	500-999	190-220 gross square feet
	1000-1500	180-220 gross square feet
	1500-2000	170-190 gross square feet

For pool, auditorium, or community use/partnership spaces add square footage as appropriate.

High School	Learning Spaces	Square Footage
	Principals of Technology	1200-1400 square feet
	Storage/Support Space	150-250 square feet/teaching station
Business/Marketing Education	Classroom	1000-1200 square feet
	Classroom/Lab	1200-1400 square feet
Family and Consumer Science	Classroom	900-1000 square feet
	Classroom/Lab	1200-1500 square feet
Art	Multipurpose	1200-1500 square feet
	Drawing and Painting	1200-1500 square feet
	Ceramics	1500 square feet
	Kiln, Glazing, Clay, Damp Room	400-600 square feet
	Storage	350 square feet/area
	Photography/Darkroom	1000-1200/400-800 square feet
High School	Learning Spaces	Square Footage
	Office	120 square feet
Music	Instrumental	2000-3000 square feet
	Choral	1500-2200 square feet
	General Music	1000 square feet
	Instrument Storage	600-800 (4 square feet/instrument)
	Uniform Storage	300-400 (3 square feet/uniform)
	Choral Robe Storage	150-250 (2.5 square feet/robe)
	Small Practice	60-80 square feet
	Group Practice	100-150 square feet
	Electronic Keyboarding Lab	750 square feet
	Recording Control Room	100-150 square feet
	Music Library	150-200 square feet
	Office/Lesson Studio	100-200 square feet
	Instrument Repair	75 square feet
	Performance Equipment Storage	200-300 square feet
Physical Education/Athletics	Gymnasium (two stations)	12000-14000 square feet
	Multipurpose/auxiliary gymnasium	3200-7500 square feet
	Weights/Fitness	2000-4000 square feet
	Physical Education Locker Rooms	1 square feet/Student Capacity



Space Standards – Rockford High School



- Approx. 202,000 total building SF
 - 150,000 grades 9-12
 - 52,000 Rockford Community Center

	MDE	ISD 883	+/-
SF/Student	190-220	300	+80-110

Property and Site

	MDE	ISD 883
Site Size (Acre)	40-45	113 - Shared

Table IX
High School Outdoor Activity Spaces

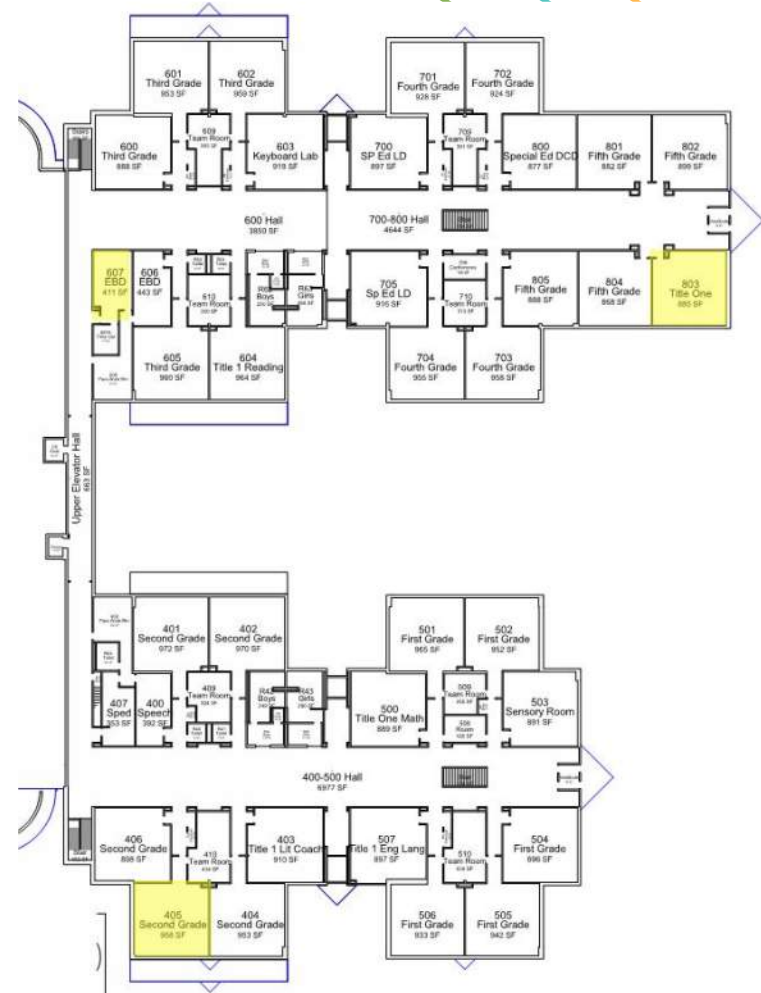
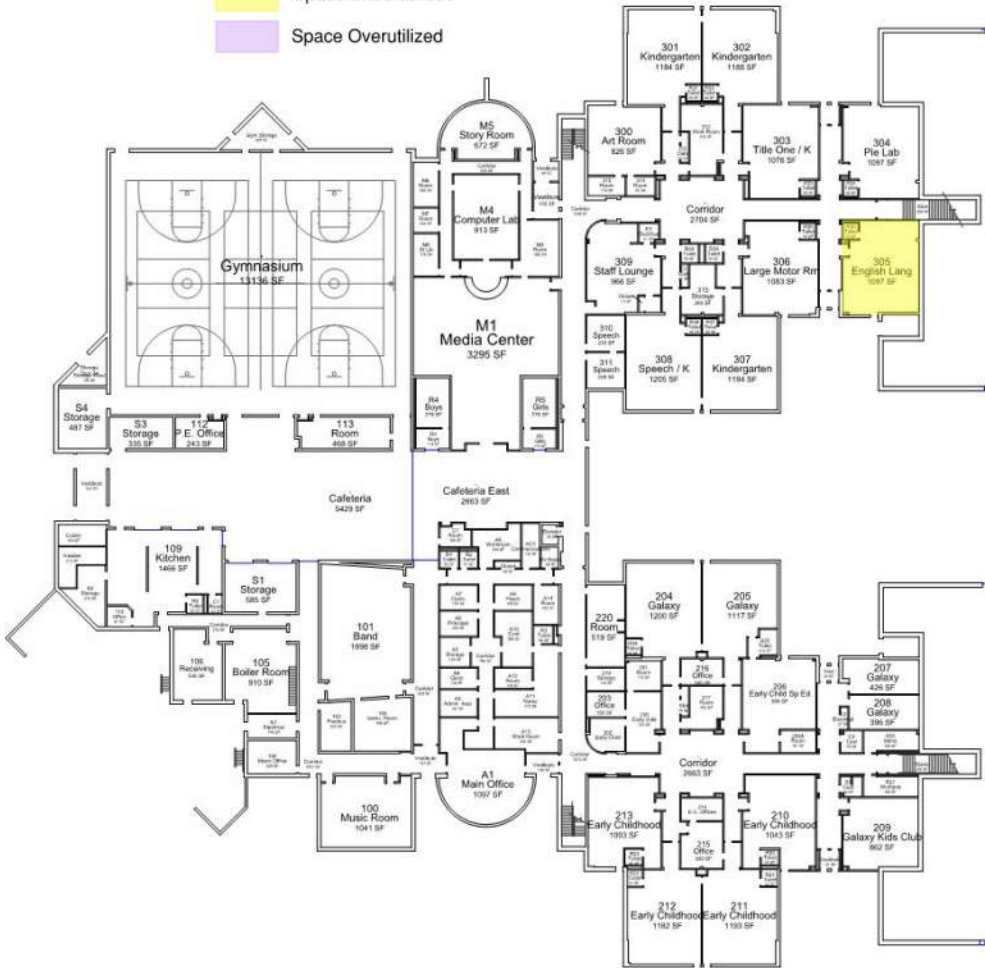
Area/Activity	Recommended Dimensions (in feet)	Space Required Square Feet	Number Required	Total Required Square Feet	Acres
Multipurpose	100 x 120 feet	12,000 square feet	2	24,000 square feet	.55 acres
Track and Field	320 x 600 feet	192,000 square feet	1	192,000 square feet	4.41 acres
Shot Put	60 X 80 feet	4,800 square feet	2	9,600 square feet	.22 acres
Discus	100 x 180 feet	18,000 square feet	1	18,000 square feet	.41 acres
Football	160 x 360 feet	57,600 square feet	2	115,200 square feet	2.64 acres
Soccer	225 x 360 feet	81,000 square feet	2	162,000 square feet	3.72 acres
Softball	320 x 320 feet	102,400 square feet	4	409,600 square feet	9.40 acres
Baseball	360 x 360 feet	129,600 square feet	2	249,200 square feet	5.95 acres
Archery	90 x 225 feet	20,250 square feet	2	40,500 square feet	.93 acres
Driving Range	80 x 750 feet	60,000 square feet	1	60,000 square feet	1.38 acres
Tennis	48 x 120 feet	5,760 square feet	8	46,080 square feet	1.06 acres
General Purpose	100 x 200 feet	20,000 square feet	2	40,000 square feet	.92 acres
				1,376,180 net	31.59 net acres
		Transition of +30 percent		1,789,034 gross required square feet	41.07 gross acres

To accommodate additional outdoor activities, many school districts purchase additional off-site acreage, taking on additional student safety, transportation, and maintenance issues at a higher cost to the district while causing inconvenience to students, school staff, and parents. Consider a larger school site to provide adequate spaces over the longer term at a cost savings.



Utilization – Rockford Elementary School

Space Underutilized
 Space Overutilized





STAFF INPUT/SURVEY

Staff Survey



- A non-scientific survey of District staff was performed between the dates of 6/1/21 - 6/11/21 utilizing Survey Monkey
 - Survey consisted of twenty-five (25) questions consisting of a mix of high-level demographic and facility related topics.
 - The survey was sent to 227 individuals broken down into the following categories:
 - Elementary School = 99 staff
 - Middle School = 49 staff
 - High School = 57 staff
 - Other (Administration, Building & Grounds, Board Members) = 22 individuals
 - 146 individuals responded to the survey representing 64% of staff.
 - Of the 146 that responded 70 individuals responded to the entire survey (Questions #1 - #25) with 76 only completing questions #1 - #8 for a completion percentage of 30.8%

Staff Survey

- Question #1: Which School is your primary work location?

ANSWER CHOICES	RESPONSES
Elementary School	44.52%
Middle School	21.23%
High School	27.40%
Other (please specify)	6.85%

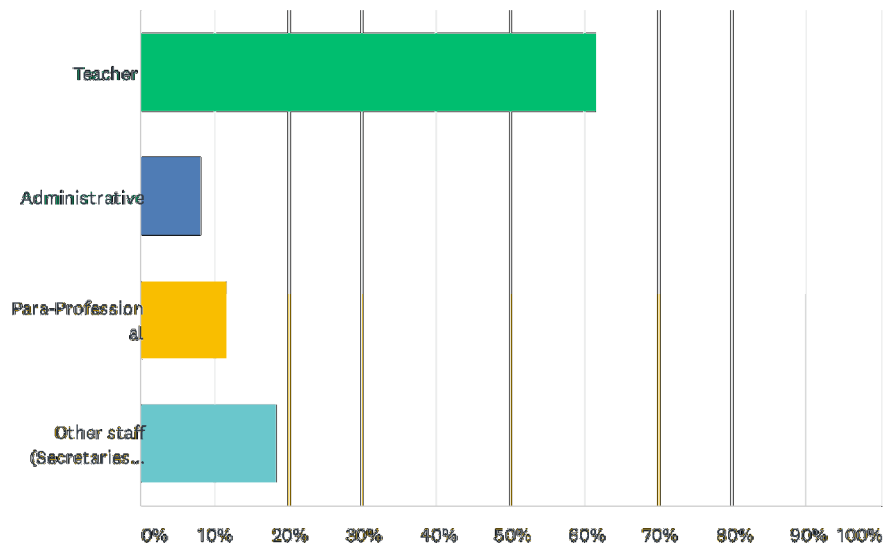
- Question #2: Provide the area that you are located within the building (classroom wing, main office, etc.) and the department/subject matter you are responsible for (science, math, main office, etc.).
 - Information gathered under this question was used to help better understand input gather on questions occurring later in the survey.
 - Refer to Question #4 for a breakdown on positions held by staff responding to the survey.
- Question #3: How many years have you been at this facility?

ANSWER CHOICES	RESPONSES
0-1 year	6.16%
2-5 years	34.25%
6-10 years	29.45%
11-15 years	5.48%
16-20 years	6.16%
21+ years	18.49%

- 63.7% of staff have been with the District for 2-10 years
- 18.5% of staff have been with the District for 21+ years

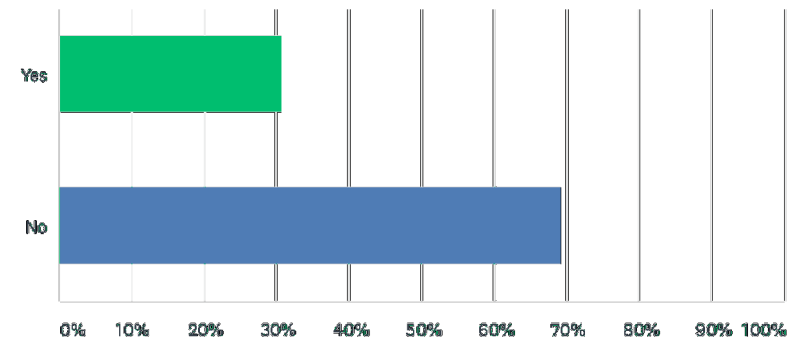
Staff Survey

- **Question #4:** How many years have you been at this facility?



ANSWER CHOICES	RESPONSES
Teacher	61.64%
Administrative	8.22%
Para-Professional	11.64%
Other staff (Secretaries, Custodial, Food Services, Transportation, etc.)	18.49%

- **Question #5:** Do you live within the school district boundaries?



- 30% of staff live in district

Staff Survey

- **Question #6:** Do you currently have children enrolled and attending Rockford Area Schools?

ANSWER CHOICES	RESPONSES
Yes	26.03%
No	73.97%

- **Question #7:** If no, please clarify?

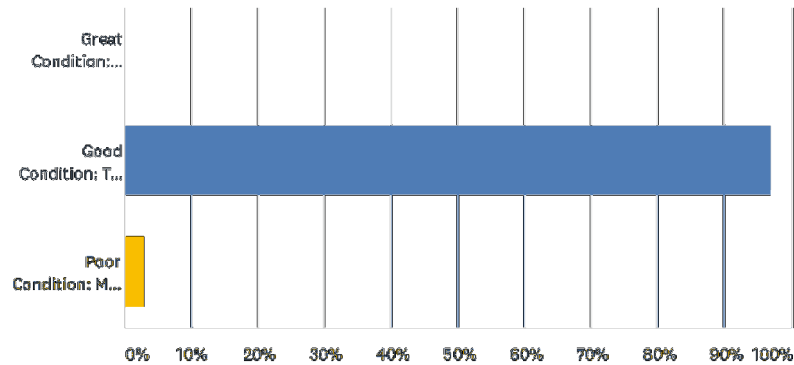
ANSWER CHOICES	RESPONSES
I have a child/children that is/are too young to attend school.	4.79%
I have a child/children that attended Rockford Area Schools that has/have since graduated.	13.01%
My child/children attends/attend school in another school district.	17.12%
I have no children.	23.97%
Does not apply - answered 'Yes' to Question #6	22.60%
Other (please specify)	18.49%

- **Question #8:** Did you personally attend Rockford Area Schools?

ANSWER CHOICES	RESPONSES
Yes	26.03%
No	73.97%

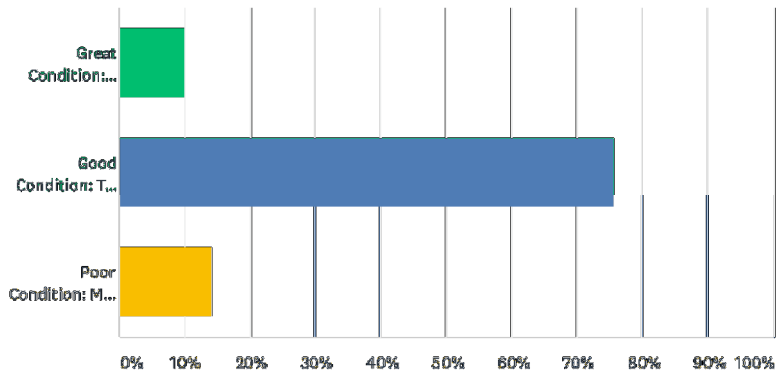
Staff Survey

- **Question #9:** How do you view the overall state of the District’s current building facilities?



ANSWER CHOICES	RESPONSES
Great Condition: Nothing needs to be done.	0.00%
Good Condition: The buildings function well, but there are areas for improvement.	97.14%
Poor Condition: More needs to be done to provide more opportunities for students and staff.	2.86%

- **Question #10:** How do you view the overall state of the District’s current site-related facilities (i.e., playgrounds, ballfields, parking lots, etc.)?

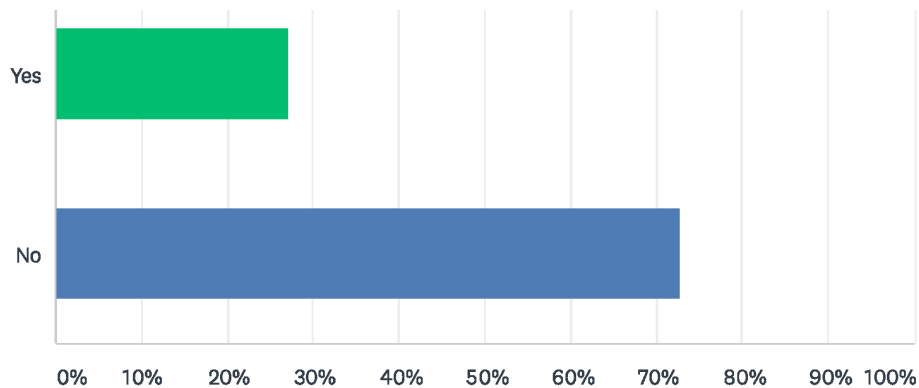


ANSWER CHOICES	RESPONSES
Great Condition: Nothing needs to be done.	10.00%
Good Condition: The buildings function well, but there are areas for improvement.	75.71%
Poor Condition: More needs to be done to provide more opportunities for students and staff.	14.29%

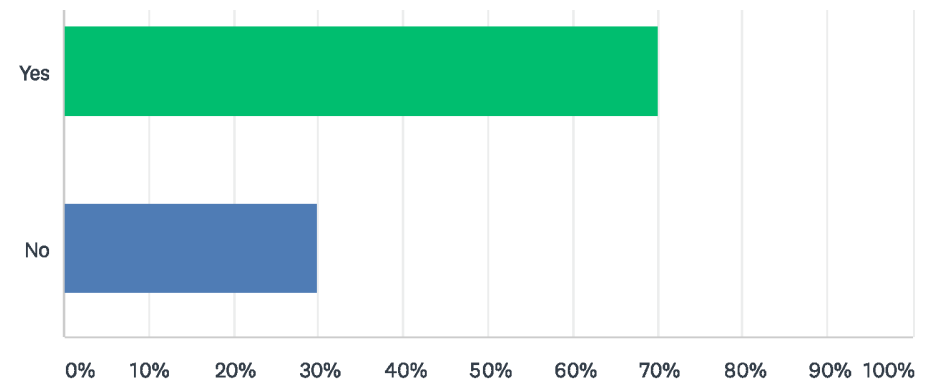
- Overall Good to Great perception of schools and sites

Staff Survey

- **Question #11:** Are there any specific curriculum or program requirements that you or your department are not currently able to fulfill due to existing constraints?



- **Question #12:** Does the physical setting of the curriculum or program allow for equal learning opportunities and fair treatment of students?



Staff Survey

- **Question #13:** How might student achievement and curriculum or program offerings be enhanced through specific space for facility changes?
 - Flexible furnishings
 - Improved lunchrooms could make better schedules and happier kids/staff
 - More collaborative areas for students/staff
 - More/enhanced outdoor learning spaces to expand on STEM offerings
 - Making sure all buildings and grounds are accessible
 - Expand food science/horticulture educational opportunities
 - Expanded space for CTE
 - Increased space for athletics (i.e. strength training)
- **Question #14:** What program changes and/or enhancements within your program do you see occurring within the next 5-10 years?
 - Classroom design more aligned with STEM model
 - More technology / software in the classroom to allow for more collaboration
 - Updated science classrooms that align with curriculum
 - Greenhouse utilized by as many programs as possible (science, business classes, FFA, etc.)
 - More flexible staff / student breakout spaces

Staff Survey

- **Question #15:** Does the current facility and grade configuration support your teaching and learning curriculum or program?

ANSWER CHOICES	RESPONSES
Yes	78.57%
No	21.43%

- **Question #16:** From your knowledge of other curriculums or programs within the District, do you see opportunities for collaborating with others, including sharing resources and/or specific types of spaces?

ANSWER CHOICES	RESPONSES
Yes	71.43%
No	28.57%

- **Question #17:** Is the program sustainable in its current space location?

ANSWER CHOICES	RESPONSES
Yes	82.86%
No	17.14%

Staff Survey

- **Question #18:** If funding were available, what do you feel are the top five most urgent facility-related needs at the building you are located in?
 - General building maintenance (LTFM)
 - Additional classroom technology (touch screens, audio enhancement, etc.)
 - Updates to SPED spaces to better provide for the needs of students – District-wide
 - FAC / Food Science classroom and lab upgrades
 - Larger strength training space
 - A new addition / separate building dedicated to CTE / trades education
 - Additional gymnasium space and outdoor playfields for Middle School use
 - Improved student dining space
 - Improved staff dining space
 - Improve building comfort / upgrade older systems to provide a more stable learning environment
 - Quality / sustainable outdoor learning environments
 - Plan for future growth if community continues to grow as projected
 - Improve grounds (parking lots, drives, sidewalks, fencing, green spaces, etc.) – LTFM
 - Improve accessibility through District facilities and grounds
 - Move gymnastics to High School instead of Middle School

Staff Survey

- **Question #19:** What do you feel are the strongest physical assets of the facility you are located in?
 - Spacious classrooms with good access to natural light.
 - Gardens, school forest and greenhouse
 - Grounds and athletic facilities
 - High School entry and flexibility of commons
 - Outdoor learning spaces
 - Improvements from last bond
- **Question #20:** How well does your school enhance current curriculum/programs (on a scale of 1 = poor, 3 = adequate, 5 = excellent)?

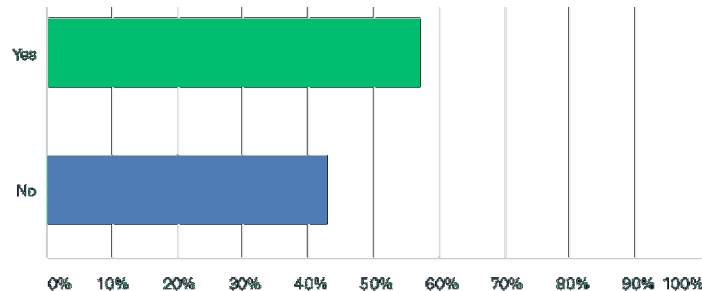
ANSWER CHOICES	RESPONSES
Unsure	12.86%
1	1.43%
2	7.14%
3	35.71%
4	37.14%
5	5.71%

- **Question #21:** How flexible is your space in respect to changing and evolving curriculum or learning methods (1 = poor thru 5 = excellent)?

ANSWER CHOICES	RESPONSES
Unsure	8.57%
1	4.29%
2	14.29%
3	35.71%
4	28.57%
5	8.57%

Staff Survey

- **Question #22:** Are there curriculum or program areas in which you would like to, or will be integrating within your current program area?



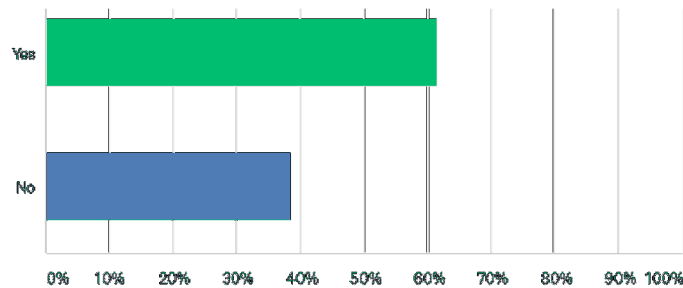
ANSWER CHOICES	RESPONSES
Yes	57.14%
No	42.86%

- **Question #23:** What program changes and/or enhancements within your program do you see occurring within the next 5-10 years?

- Classroom design more aligned with STEM model
- More technology/software in the classroom to allow for more collaboration
- Updated science classrooms that align with curriculum
- Improvements to FACS lab and increased access to other departments
- Additional gym space at the Middle School
- Additional square footage to accommodate athletics so spaces don't need to be shared
- Middle School (SPED) toileting spaces are too small.
- Additional flexible space for students / staff

Staff Survey

- **Question #24:** Are there any new curriculum areas, programs, or teaching methods that you could see adding in the future?



ANSWER CHOICES	RESPONSES
Yes	61.43%
No	38.57%

- **Question #25:** To further elaborate on Question #24, what should be planned for the school to accommodate new curriculum areas, programs, or teaching methods that you could see adding in the future?

- Improved/expanded outdoor learning spaces
- Additional gym space
- Expand the Middle School kitchen and cafeteria space
- Technology/software to enhance teaching and the training to go with it.
- Expand CTE for more offerings
- Flexible spaces for students / staff
- Improved SPED classroom / spaces
- Improved FACS classroom and lab
- Additional survey of staff / public to develop solutions
- Prepare to expand / build physical space for future growth

SUMMARY	Rockford Elementary Arts Magnet School	Rockford Middle School	Rockford High School
Long Term Facility Maintenance	<ul style="list-style-type: none"> -Tuckpointing -Roofing -Flooring <p>Future Mechanical and Lighting</p>	<ul style="list-style-type: none"> -Parking Lot -Flooring -Casework <p>Future Roofing and Lighting</p>	<ul style="list-style-type: none"> -Roofing -Flooring (incl RCC) -Tuckpointing -Mechanical -Parking Lot (Bus Garage as well) <p>Future Lighting</p>
Educational Space Standards	<ul style="list-style-type: none"> -Minor/limited deviation from MDE Standards 	<ul style="list-style-type: none"> -Insufficient Cafeteria and Gym space -A few classrooms are undersized, but overall, the remainder of the spaces meet guidelines -A few classrooms using "double" rooms 	<ul style="list-style-type: none"> -Classrooms in center core are undersized and dark -Metal shop and lab should be combined into one room
Building Utilization	<ul style="list-style-type: none"> -Overall good building utilization; some isolated opportunities for improvement 	<ul style="list-style-type: none"> -The undersized cafeteria leads to crowding and several lunch periods -The lack of gym space requires transportation (expensive) to RCC -Isolated opportunities for improved utilization throughout 	<ul style="list-style-type: none"> -Overall well-utilized. Opportunities for improvement are Robotics space, area near FACS room/staff lounge, and main/district offices -Media Center serves as small group collaborative space – would like these types of spaces spread throughout building
Staff Input/Survey	<p>30% response rate, good tenure with district-18% with 20+ years Perception of good to great facilities and sites. 17% choose other districts for own children; 30% live in district Science (STEM) to change or be enhanced in future along with SPED, CTE and FACS LTFM is a priority</p>		



NEXT STEPS

- GATHER AND DISCUSS DEMOGRAPHICS
- ENGAGE COMMUNITY STAKEHOLDERS
- WORK SESSION – REVIEW SOLUTION OPTIONS AND FUNDING STRATEGIES



Q&A

