

# Future -Focused: Smart and Economic Solutions for Effective Facility Planning

Dr. Brian Wilson, Superintendent  
Dr. Sean Woods, Associate Superintendent



# Information about Hollister Schools



Student enrollment - 1450

- Early Learning (ECSE)
- Pre-K - 12th
- Alternative

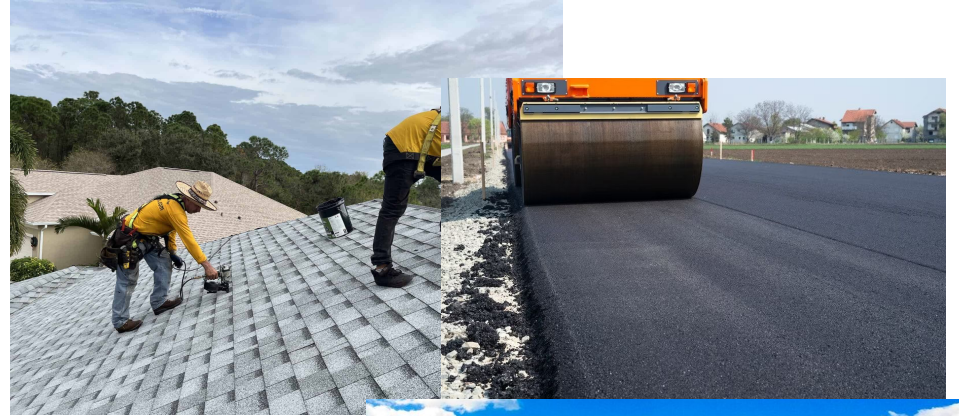
Just south of Branson, Mo

70% F/R Rate

Funding - 60% local, 30% state, 10% federal

# Key areas overview

- ❖ Roof maintenance
- ❖ Asphalt repair & maintenance
- ❖ Flooring upgrades
- ❖ LED and Solar energy upgrades
- ❖ Synthetic turf fields and playing surfaces



# Roof Maintenance

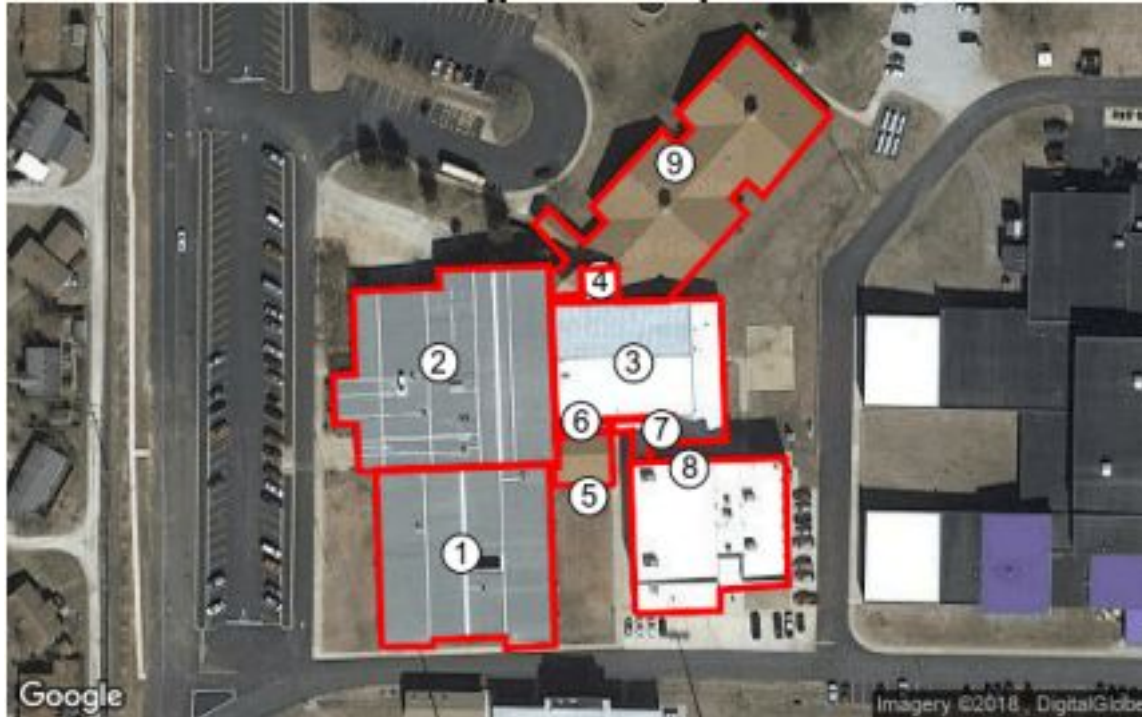
Why roof maintenance?



# Roof Maintenance – Inspections

## Routine Inspections:

- Map out roofs
- Walk roofs for damage
  - Condensation lines
  - Brick and mortar
  - Ridge and end caps
  - Buttons and screws
  - Snow guards
  - Rips and tears
  - Scan for leaks





# Roof Maintenance – Results

Go over inspections w/ maintenance:

- [ROOF INSPECTION](#)
- What can you do in house?
- What can you outsource?



# Roof Maintenance – Review

Go over inspections w/ maintenance:

- ROOF INSPECTION
- What can you do in house?
- What can you outsource?

Initial price for this buildings repairs:

\$969.50

Our cost:

\$90.00 fastener repair

**90%**



# Roof Maintenance – Review example 2

- Example 2
  - Elementary
  - Initial cost:
    - \$16,513.00
  - Our cost:
    - \$10,997.00

33%





# Roof Maintenance – Coatings/Sealing/Warranty

5 year plan - can always be revised!

Do you have a 5 year plan?

Do you have a roofing budget?

Are you planning for it or repairing as needed?



# Roof Maintenance – Coatings/Sealing/Warranty

5 year plan - can always be revised!

Do you have a 5 year plan?

Do you have a roofing budget?

Are you planning for it or repairing as needed?

What is your current practice? (no wrong answers)



# Asphalt Repair & Maintenance

What happens when you do not properly maintain your asphalt??

# Asphalt Repair & Maintenance

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# Asphalt Repair & Maintenance

Why invest in asphalt maintenance?

- Longevity - extend the lifespan of your asphalt.
- Prevention of cracks and potholes - can grow over time costing more and doing more damage.
- Safety - vehicles and pedestrians.
- Aesthetics - positive first impression (open enrollment)
- Drainage - water drainage (winter months)





# Asphalt Repair & Maintenance

An asphalt maintenance schedule should include:

- Areas that have been striped and sealed
- When the last striping and sealing was done in each area
- Areas that need striped and sealed next

What if I cannot afford to stripe and seal

- Crack filler and sealer



# Asphalt Repair



Asph





Asph

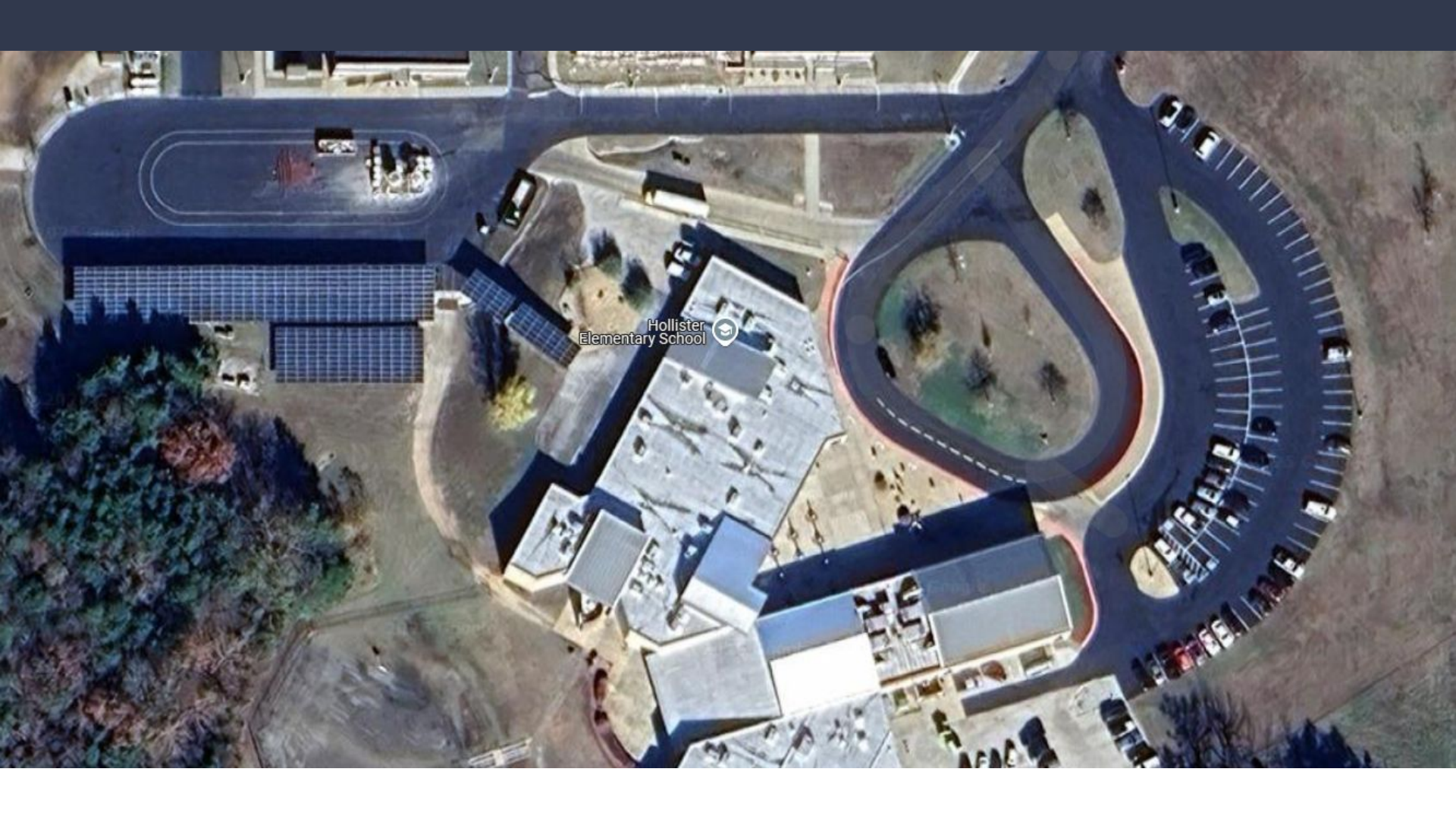
2022

Hollister High School

La Carte Cafe

2024





Hollister  
Elementary School



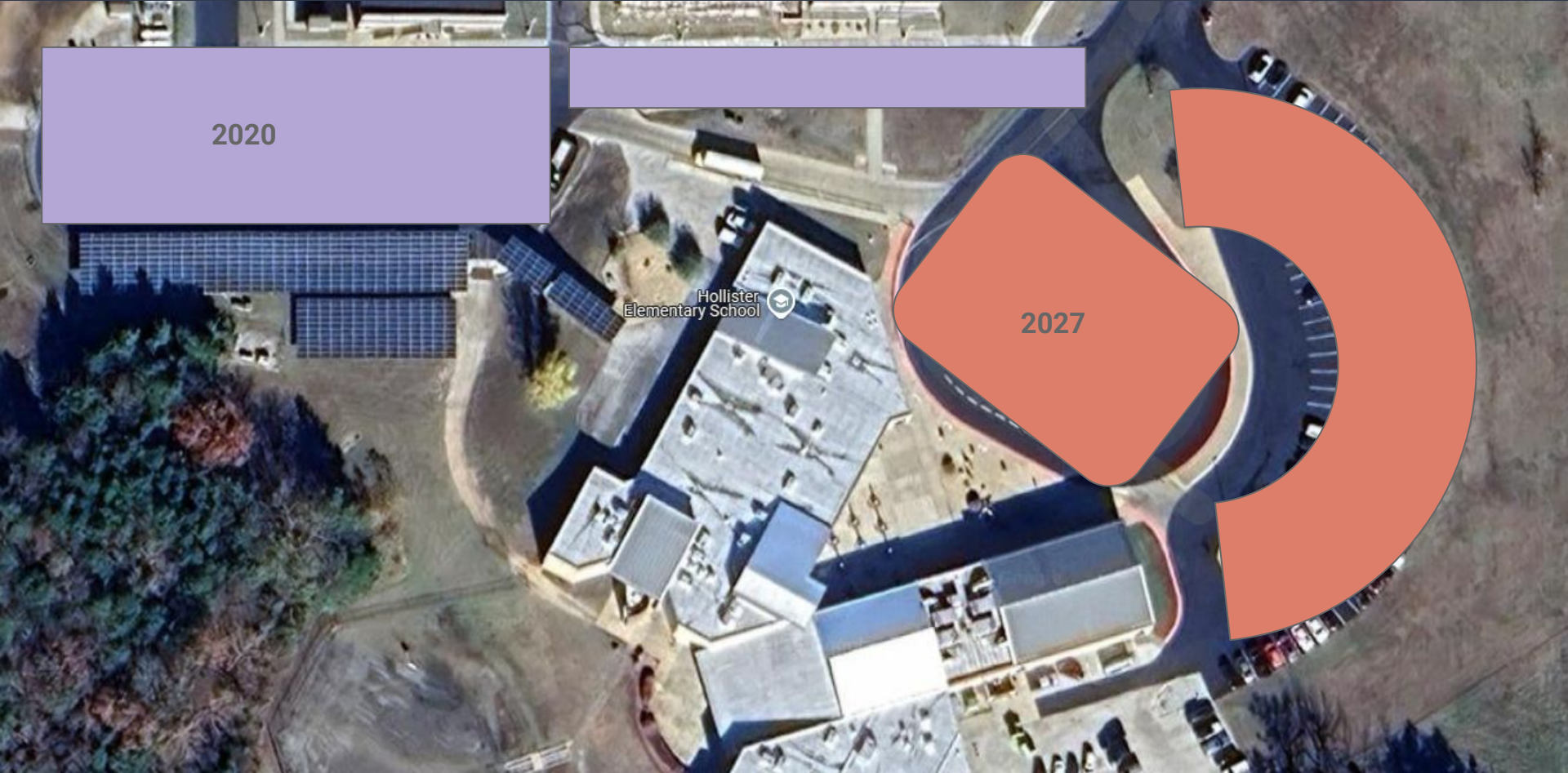


2020

Hollister  
Elementary School



2027



# Asphalt Repair and Maintenance

Do you have a 5 year plan?

Do you have an Asphalt budget?

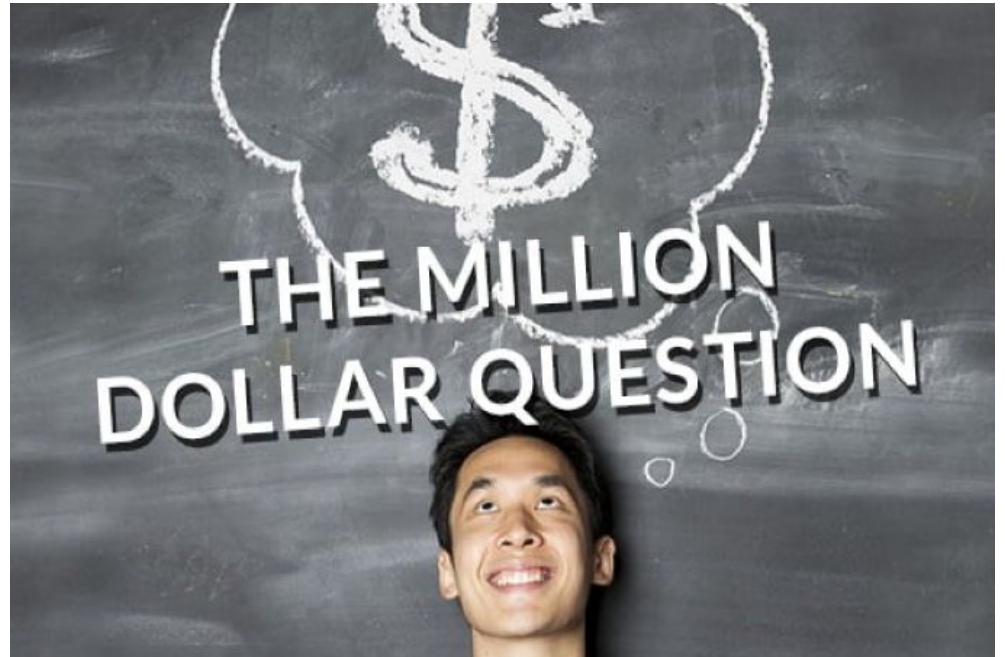
Are you planning for it or repairing as needed?

What is your current practice? (no wrong answers)



# Flooring Upgrades

How can upgrading flooring in our buildings help save money?



# Flooring Upgrades

Types of flooring in schools:

VCT

LVT

Carpet

Porcelain Tile

Which is best and why?



# Flooring Upgrades - VCT Tile

## Disadvantages

- High maintenance requirements.
- Durability issues.
- Staining and Discoloration.
- Slip Hazard.
- Short lifespan.
- Susceptibility to moisture.
- High cost of wax.





# Flooring Upgrades – The LVT vs Carpet argument

## LVT

- Durable
- Low maintenance
- Water resistance
- Allergy friendly
- Modern appearance
- Safety and slip resistant
- Eco friendly

## Carpet

- Comfort and warmth
- Noise reduction
- Aesthetic variety
- Safe and slip resistant
- Thermal insulation

# Flooring Upgrades - LVT



Floor



# Flooring Upgrades - Carpet









Fl



# Flooring Upgrades – General rule

## When to use carpet:

Classrooms

Private or low-traffic areas

Soundproofing needs

## When to use LVT

High-traffic areas

Moisture prone areas

Low maintenance areas

Allergy considerations

# Flooring Upgrades

Do you have a 5 year plan?

Do you have an flooring care budget?

What is your current practice? (no wrong answers)



# LED & Solar Energy Upgrades

LED and Solar WILL save you money!!





# LED & Solar Energy Upgrades



We teamed up with Liberty utilities in 2015 to begin our LED journey.

\$1 for \$1 match on LED upgrades up to \$40,000.

## **THE CHRISTMAS BREAK HACK!!**

Today we are 100% solar in buildings and parking lots - not ball fields

# LED & Solar Energy Upgrades



Start somewhere - anywhere...as big of a project or small of a project as you can afford.

# LED & Solar Energy Upgrades



2018 we started on solar.

2014 we wanted to but the payout was not there.

LED & S

## EARLY CHILDHOOD CENTER

	2018	2019	2020	2021
January	\$6,597.39	\$5,137.63	\$5,265.78	\$4,448.59
February	\$6,554.92	\$4,650.50	\$4,970.17	\$4,994.89
March	\$5,993.63	\$5,122.77	\$5,413.54	\$5,316.20
April	\$5,082.30	\$5,163.94	\$4,853.76	\$4,222.02
May	\$5,096.37	\$4,721.23	\$5,003.03	\$4,110.10
June	\$5,050.82	\$4,672.74	\$3,451.81	\$4,172.54
July	\$6,835.53	\$5,749.25	\$5,640.64	\$6,418.20
August	\$8,241.21	\$6,884.60	\$6,155.78	\$8,006.33
September	\$6,984.07	\$7,119.47	\$6,288.58	\$4,818.57
October	\$7,462.50	\$7,984.85	\$7,174.17	\$6,325.62
November	\$6,919.86	combined	\$4,811.41	\$4,459.75
December	\$5,136.98	\$10,844.19	\$4,199.33	n/a



# LED &

## ELEMENTARY SCHOOL

	2018	2019	2020	2021
January	\$11,063.58	\$12,899.94	\$10,605.65	\$9,123.08
February	\$15,617.17	\$10,999.84	\$10,057.41	\$10,698.18
March	\$16,237.60	\$13,887.17	\$12,050.73	\$9,764.45
April	\$10,819.91	\$13,224.88	\$9,798.79	\$114.71
May	\$10,440.06	\$10,728.13	\$5,003.03	\$15,396.05
June	\$9,480.64	\$6,833.96	\$4,523.49	\$6,116.09
July	\$10,860.43	\$8,221.81	\$6,197.68	\$5,994.88
August	\$12,986.49	\$8,472.71	\$7,247.01	\$6,363.14
September	\$10,581.03	\$8,011.98	\$7,339.85	\$6,916.85
October	\$11,739.99	\$10,786.31	\$8,209.67	\$8,098.75
November	\$11,655.06	combined	\$5,481.18	\$6,275.82
December	\$11,076.02	\$11,765.44	\$7,084.22	n/a

# LED & Solar Energy Upgrades

2018 - 150 KW system for \$600,000

2019 - 100 KW system for \$400,000

We used All-Tech Energy.

Local, cheaper, did the leg work.

Other groups.

Watch out for gimmicks!



★ HUGE ★  
SAVINGS

# LED & Solar Energy Upgrades

Do you have a 5 year plan?

Do you have a lighting upgrade budget?

Are you planning for it?



# Synthetic Turf Fields



Savings available:

Water and seed

Irrigation

Labor

Striping and painting

Fertilizer



# Synthetic Turf



HOLLISTER SCHOOL  
DISTRICT



## Partnering with the community

Promote, attract, & inform customers!

Over 50 neighboring communities use Hollister  
facilities all year!

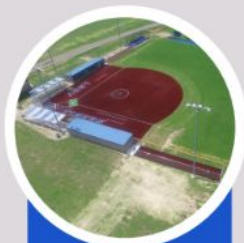
- District tournaments for every sport, all facilities
- Youth tournaments and summer tournaments
- Missouri, Arkansas, & Oklahoma high schools all play at Hollister
- Nearby College of the Ozarks and other colleges use Hollister facilities in the summer

PARTNERSHIP  
PLANS  
2025

### Level 1

- Family season pass to home games (immediate family only)
- Friends & family passes to home football games
- Organization/name on scoreboard
- Name on brick at entry of field
- Banners around all of the fields

\$2,500



### Level 2

- Family season pass to home games (immediate family only)
- Friends & family passes to home football games
- Organization/name on scoreboard
- Turf spot on one field
- Banners around all of the fields

\$5,000



### Level 3

- Family season pass to home games (immediate family only)
- Friends & family passes to home football games
- Organization/name on scoreboard
- Turf spot on all fields
- 60 second commercial
- Banners around all of the fields

\$10,000



### Level 4

- Family season pass to home games (immediate family only)
- Friends & family passes to home football games
- Organization/name on scoreboard
- Turf spot on all fields
- 60 second commercial
- Opportunity for name on field for 5 years
- Banners around all of the fields

\$25,000

Contact:  
417-243-4005

#### Single Field Option

Banner on one outdoor field  
(Per Year per Sport)

\$1000

**Mr. Mike Wilson**  
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Assistant Superintendent  
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# Synthetic Tu



**PARTNERING**  
*The community and school for*

## STUDENT ATHLETES AT HOLLISTER



*Malachi Henry*

"Playing sports has made me become a leader. I know now what it takes to be a man."



*Brisa Gere*

"Hollister sports have meant the world to me. My coaches and teammates have helped me develop into a leader on and off the court without them I wouldn't be moving on to play at the next level."

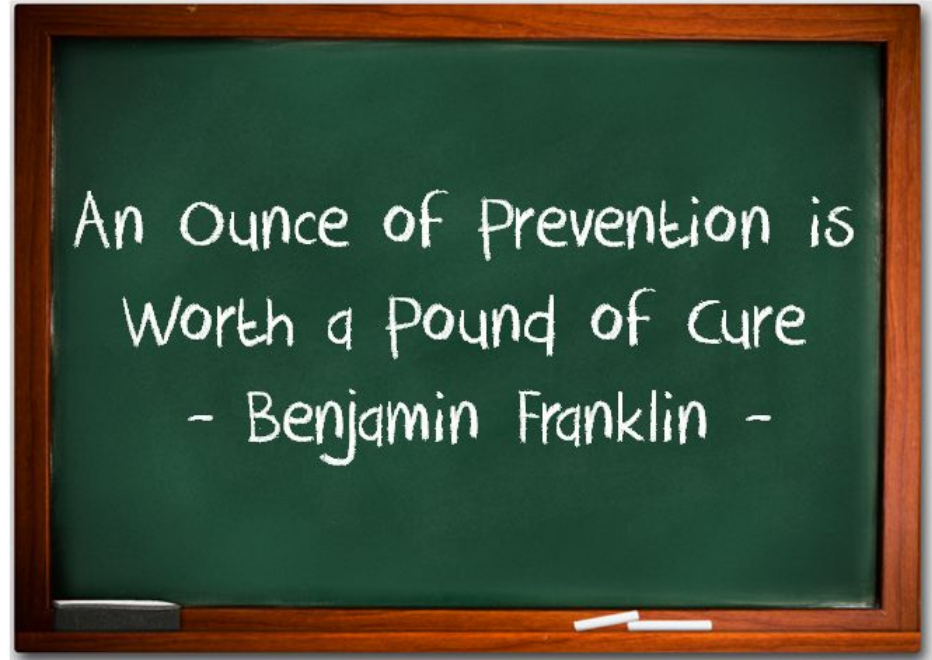


Contact:  
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# Wrap-up

- ❖ Roof maintenance
- ❖ Asphalt repair & maintenance
- ❖ Flooring upgrades
- ❖ LED and Solar energy upgrades
- ❖ Synthetic turf fields

Others - Technology devices, infrastructure, buses, school vehicles, etc.



# Thank you!

Dr. Brian Wilson

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Dr. Sean Woods

Associate Superintendent

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# Closing Remarks