



# **STRATEGIC PLANNING**

## **STRATEGIC AREA: PARKS**

**GOAL: Investigate synthetic athletic field needs and possible locations within the community**



**Committee Leaders: Kelly O'Brien & Kim Dasbach**

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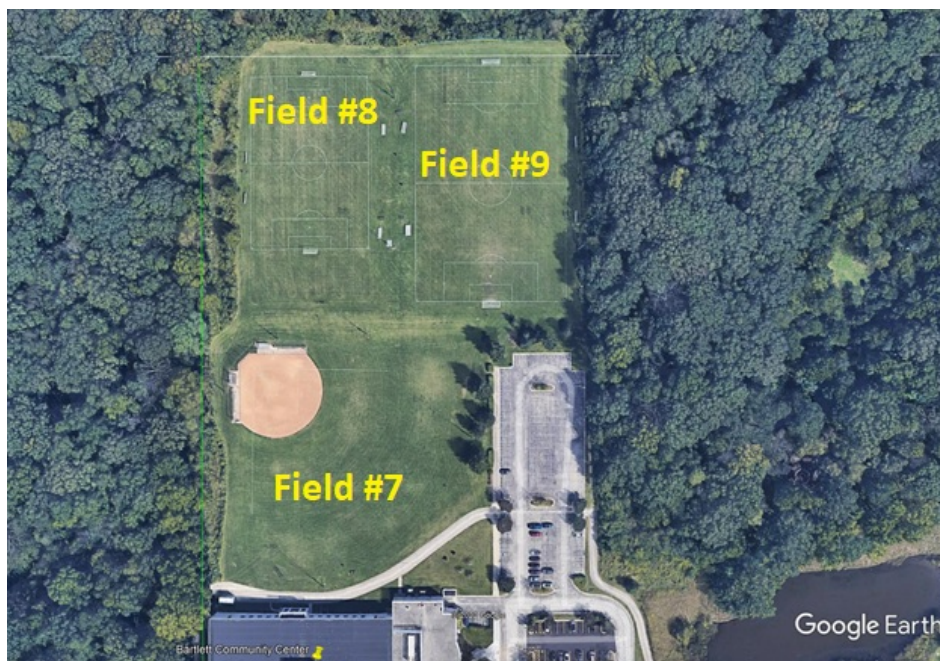
**MARCH 2022**



**The committee identified the best locations to install a synthetic turf is at current fields that support outdoor lighting which follows as:**

- *Apple Orchard Community Park- Fields 7, 8, 9*
- *Koehler- Ballfields A, B, C, & Football Field*

### **APPLE ORCHARD COMMUNITY PARK FIELDS**



### **KOEHLER FIELDS**



### **Apple Orchard Community Park- Field #7**

This ballfield is currently used for softball, baseball and kickball. The outfield is also used for football practice and cricket in the fall.

*The **pros** for having a synthetic infield installed at this location is the size of field, field lights, longer season, and is adjacent to a large parking area. The **cons** are complaints about mosquitos, proximity to building and brush line, no current fencing, no current underground irrigation system, outfield will still be grass, no additional revenue for hosting tournaments or concession, and the annual 4<sup>th</sup> of July Event fireworks would need to be relocated as the firework debris will damage the synthetic turf.*

### **Apple Orchard Community Park- Fields #8 and # 9**

These two large fields are currently used for Soccer games only, and a Firework Zone for the annual 4<sup>th</sup> of July Event.

*The **pros** for having a synthetic field installed at one of these fields is that both are a large field for multi-use, field lights, longer season, adjacent to large parking area, variety of sports can be played, and travel groups & outside organizations would rent field consistently. The **cons** are complaints about mosquitos, proximity to brush line, no current fencing, no current underground irrigation system, no additional revenue for hosting tournaments or concessions, balancing park district programs, affiliate & outside groups, and the annual 4<sup>th</sup> of July Event fireworks would need to be relocated as the firework debris will damage the synthetic turf.*

### **Koehler Fields A, B, and C**

These three ballfields are currently used for Softball, Baseball, and Kickball.

*The **pros** for having synthetic fields installed at this location there is higher traffic to the fields, field lights, longer season, adjacent to large parking area, travel groups and outside organizations would rent fields consistently, current underground irrigation system, and would solve current drainage issues. The **cons** is that all three fields would need to be synthetic to see the highest rate of investment, all three fields are different field size and have different fence distances to host certain tournaments, outfield will still be grass, balancing park district programs with affiliate groups and outside group usage, and the ability to utilize current concession building & restrooms as its Little League responsibility.*

## **Koehler Football Field**

This multi-use field is currently used for Soccer, Cricket, Football, Cheer, Lacrosse, Ultimate Frisbee and Field Hockey,

*The **pros** for having a synthetic field installed at this location is that it's a large field for multi-use, field lights, longer season current irrigation system underground, adjacent to large parking area, variety of sports can be played, and travel groups & outside organizations would rent field consistently. The **cons** are its close proximity to a busy street, there is not additional revenue for hosting tournaments, balancing park district programs with affiliate groups and outside group usage, and the ability to utilize current concession building & restrooms as its Little League responsibility.*

### **The initial cost to install a synthetic field at current locations:**

Three softball fields: Approximately \$1,000,000

One softball field: Approximately \$400,000

One Football Field (Multi-Use): Approximately \$1,100,000

One Soccer Field Size: (360 X 240): Approximately \$1,153,162

#### **Cost Estimate**

No.	Description	Costs
No. 1:	Site preparation, earthwork, drainage and sidewalks:	\$471,744.00
No. 2:	Artificial turf surfacing for soccer, shock pad system, turf installation:	\$539,136.00
No. 3:	Infill (per selection):	\$119,232.00
No. 4:	Inlaid soccer markings:	\$8,210.00
No. 5:	Basic maintenance equipment:	\$8,600.00
No. 6:	G-Max Test:	\$1,620.00
No. 7:	Soccer goals (set of two):	\$4,620.00
<b>Summary</b>		
<b>Total Project</b>		<b>\$1,153,162.00</b>

**Other important factors to consider:**

**The life expectancy for a synthetic turf field is 8-12 years. It will cost approximately \$500,000-550,000 to resurface the turf.**

**Equipment** -Additional equipment would be needed to maintain a synthetic turf field.

**Equipment Cost: Approximately \$60,000-90,000**

Utility Vehicle	Synthetic Field Sweeper
Field Groomer	Groomer Drag
Field Striper	50 gallon Boom Sprayer (disinfect)
Tow behind-Magnet	Broadcast Spreader (rubber fill)

**Maintenance Requirements:** Synthetic turf will have recommended grooming practices such as:

Field Litter Sweeping	Field Grooming
Field Sanitizing	Field (Temporary Lines) Painting

**Possible rates for rentals - The committee researched from surrounding park districts who currently have synthetic fields. Below are possible rates for field rentals.**

**Single Use Field Rentals** (\$100 damage deposit)

Field Rental \$90/hour  
Lights: Resident \$30/hour- Regular \$40/hour

**Tournament Field Rentals** (\$500 damage deposit)

Field Rental  
<6 hours- \$75/field/day  
6-10 Hours- \$225/field/day  
>10 hours- \$275/field/day  
Staff available for hourly rate  
Lights- Resident \$30/hour- Regular \$40/hour

**League Field Rentals** (\$250 damage deposit)

Field Rental \$100/game/day  
Set up and take down \$25/game/day  
Lights: Resident \$30/hour- Regular \$40/hour

## Summary

The Committee feels **Koehler Football Field** could be the best location to install a multi-use synthetic turf field because of the variety of sports that can be played on one field. The estimated start-up cost to install just the synthetic turf field would be approximately \$1,100,000. To fence the area would approximately cost \$125,000 and \$60,000-\$90,000 for equipment needs. This project would have its own needs and requirements such as the site work, expected types of use, desired levels of maintenance that would also factor in to project cost. To support this project, the park district would need to allocate approximately \$1.3-1.5 million dollars.