

Athletics – Physical Education Facilities Study

Executive Summary

Purpose

Like most school systems, the five high schools in Paulding County represent a very wide range of facility ages and student populations. Over the years many changes to athletic and physical education facilities have taken place. The purpose of this review was to identify needs in an effort to provide consistency across the district. In conducting this review, issues that impact these facilities, such as over-crowding, student participation levels, and administrative approach were considered.

The goal of this review is to ensure that there are adequate facilities to properly serve students at all five high schools. The degree to which these projects can be undertaken is dependent upon the funding made available.

Scope of Review

This was a very comprehensive review that included the following amenities: Football Field/Stadium, Field House, Baseball Field, Softball Field, Multipurpose Field, Tennis Courts, Weight Room, Wrestling Room, Main Gymnasium, Auxiliary Gymnasium, Locker/Dressing/Restrooms, and Maintenance/Storage Facilities. For each of these amenities, this review evaluated Condition, Equity, Functionality, Safety, Accessibility, and other elements.

Methodology

The review began with an extensive survey (involving 76 questions) of the principals and athletic directors of each school. Involving the athletic directors was critical as they have the best knowledge of the facilities being reviewed and they have the best understanding of the support offered by booster clubs. Following the surveys, a review team conducted on-site evaluations of each facility element. The results of the survey and on-site review were combined into individual evaluation matrices for each facility element of each school. Finally, other factors, such as student participation levels in various sports, were examined as they had an impact on the adequacy of facilities.

Analysis of the results was then conducted through multiple reviews by district and school personnel. From this analysis process specific considerations were developed and reviewed by school principals and athletic directors. Following the analysis and review process cost estimates were developed and recommendations prioritized.

Significant Findings

There were several significant findings that were common to all five high schools. The artificial field turf at each school has performed well but has been in use now for over eight years. The warranty on the turf has now run out. Additional life can be expected with certain repairs, but replacement will likely be required within five years to maintain field integrity and safety. The current field lighting systems (typically a metal-halide light fixture) are rapidly becoming obsolete, becoming increasingly difficult to maintain and replacement parts more difficult to obtain. Replacement of these fixtures with modern LED light fixtures will significantly improve lighting conditions while reducing maintenance and operating costs. They will also have a much longer lifespan than current lighting systems.

These fields are utilized throughout the year by students in grades K-12 for practices and games with feeder patterns, community and school events, athletics, band performances, graduations and more. Replacement of

artificial field turf and field lighting across the five high schools would represent significant projects and cost but are needed to provide a safe environment for the thousands that utilize these fields throughout the year.

Recommendations and Prioritization

Recommendations are based upon the goal of providing adequate, safe, and functional facilities at each of the high schools. Recognizing that funding is limited it was necessary to group the recommendations. The foremost goal in grouping the recommendations was to focus on addressing safety and code compliance issues (Tier 1) followed by addressing the needs that affect the largest number of students, parents, and public.

Beyond the significant findings highlighted above and common to all of the schools, are those to address specific needs at each school. The following is the summary list of recommendations with cost estimates included. As noted, the actual recommendations to be implemented will be based on funding availability.

Athletic PE Facilities Review Recommendations

Amenity	Sub Amenity	School	Scope	Estimated Cost	Tier
School Stadium	Field Turf	EPHS	Replace Turf	\$993,000	1
School Stadium	Field Turf	HHS	Replace Turf	\$898,000	1
School Stadium	Field Turf	NPHS	Replace Turf	\$852,000	1
School Stadium	Field Turf	PCHS	Replace Turf	\$902,000	1
School Stadium	Field Turf	SPHS	Replace Turf	\$912,000	1
School Stadium	Track	HHS	Repair track	\$50,000	1
Baseball Field	Lighting	EPHS	Replace light poles and fixtures w/ LED	\$375,000	1
Baseball Field	Lighting	HHS	Replace lighting with LED.	\$325,000	1
Baseball Field	Lighting	NPHS	Replace lighting with LED.	\$325,000	1
Baseball Field	Lighting	PCHS	Replace lighting with LED.	\$325,000	1
Baseball Field	Lighting	SPHS	Replace lighting with LED.	\$325,000	1
School Stadium	Track	SPHS	Repair track	\$50,000	1
School Stadium	H/V Bleachers	PCHS	Repair bleachers and install/repair handrails.	\$25,000	1
Total Tier-1:				\$6,357,000	
School Stadium	Visitor Bleachers	EPHS	Provide ADA access to visitor bleachers.	\$100,000	2
Baseball Field	Fencing	NPHS	Repair or replace backstop netting.	\$400,000	2
School Stadium	Stadium Lights	EPHS	Replace lighting with LED.	\$400,000	2
School Stadium	Stadium Lights	HHS	Replace lighting with LED.	\$400,000	2
School Stadium	Stadium Lights	NPHS	Replace lighting with LED.	\$400,000	2
School Stadium	Stadium Lights	PCHS	Replace lighting with LED.	\$400,000	2
School Stadium	Stadium Lights	SPHS	Replace lighting with LED.	\$400,000	2
Softball Field	Lighting	EPHS	Replace lighting with LED.	\$160,000	2
Softball Field	Lighting	HHS	Replace lighting with LED.	\$160,000	2
Softball Field	Lighting	NPHS	Replace lighting with LED.	\$160,000	2
Softball Field	Lighting	PCHS	Replace lighting with LED.	\$160,000	2
Softball Field	Lighting	SPHS	Replace lighting with LED.	\$160,000	2
Tennis Courts	Lighting	EPHS	Replace lighting with LED.	\$100,000	2
Tennis Courts	Lighting	HHS	Replace lighting with LED.	\$100,000	2
Tennis Courts	Lighting	NPHS	Replace lighting with LED.	\$100,000	2
Tennis Courts	Lighting	PCHS	Replace lighting with LED.	\$100,000	2
Tennis Courts	Lighting	SPHS	Replace lighting with LED.	\$100,000	2
Total Tier-2:				\$3,800,000	
School Stadium	Press Box	EPHS	Replace stairs at Press Box.	\$20,000	3
School Stadium	Fencing	EPHS	Repair existing fencing.	\$50,000	3
School Stadium	Fencing	HHS	Repair existing fencing.	\$50,000	3
School Stadium	Fencing	NPHS	Repair existing fencing.	\$50,000	3
School Stadium	Fencing	PCHS	Repair existing fencing.	\$50,000	3
School Stadium	Fencing	SPHS	Repair existing fencing.	\$50,000	3
Baseball Field	Field	HHS	Correct drainage issues.	\$35,000	3
Baseball Field	Field	NPHS	Correct drainage issues.	\$35,000	3
Baseball Field	Field	PCHS	Correct erosion & drainage.	\$35,000	3

Baseball Field	Field	SPHS	Regrade outfield.	\$40,000	3
Baseball Field	Fencing	EPHS	Repair or replace fencing	\$35,000	3
Baseball Field	Fencing	NPHS	Repair or replace fencing	\$35,000	3
Baseball Field	Fencing	PCHS	Repair or replace fencing	\$35,000	3
Baseball Field	Bullpen	SPHS	Correct drainage issue in Bull Pen	\$25,000	3
Baseball Field	Press Box	NPHS	Replace stairs at Press Box, install gutters.	\$20,000	3
Baseball Field	Press Box	SPHS	Replace stairs at Press Box.	\$20,000	3
Softball Field	Field	HHS	Correct drainage on field.	\$40,000	3
Softball Field	Field	SPHS	Re-grade outfield to correct drainage issues.	\$25,000	3
Softball Field	Field	HHS	Replace irrigation system	\$150,000	3
Softball Field	Fencing	PCHS	Replace fencing.	\$21,000	3
Softball Field	Restrooms	PCHS	Renovate RR to meet ADA (Boys/Girls)	\$20,000	3
Tennis Courts	Courts	NPHS	Re-surface courts.	\$50,000	3
Tennis Courts	Bleachers	NPHS	Provide portable bleachers	\$10,000	3
Tennis Courts	Bleachers	EPHS	Provide accessible route to bleachers.	\$5,000	3
Tennis Courts	Bleachers	EPHS	Provide ADA spectator area.	\$5,000	3
Tennis Courts	Bleachers	HHS	Provide ADA spectator area.	\$5,000	3
Tennis Courts	Bleachers	NPHS	Provide ADA spectator area.	\$5,000	3
Tennis Courts	Bleachers	PCHS	Provide ADA spectator area.	\$5,000	3
Tennis Courts	Bleachers	SPHS	Provide ADA spectator area.	\$5,000	3
Weight Room	Flooring	NPHS	Provide new flooring (in main bldg.)	\$100,000	3
Weight Room	Flooring	PCHS	Install drop rated flooring in weight room.	\$150,000	3
Main Gym	Seating	SPHS	Repair bleachers	\$20,000	3
Main Gym	Flooring	NPHS	Repair flooring where needed.	\$30,000	3
Main Gym	Flooring	SPHS	Re-finish gym floor.	\$30,000	3
Aux Gym	Flooring	NPHS	Repair floor.	\$20,000	3
Aux Gym	Flooring	PCHS	Re-finish or replace flooring	\$20,000	3
Aux Gym	Flooring	SPHS	Re-finish gym floor.	\$20,000	3
Total Tier 3:				\$1,321,000	
School Stadium	Restrooms	PCHS	Renovate RR under home bleachers.	\$80,000	4
Field House	Infrastructure	SPHS	Replace carpet with proper flooring	\$60,000	4
Baseball Field	Concession	HHS	Replace Concession	\$130,000	4
Baseball Field	Press Box	HHS	Renovate Press Box	\$20,000	4
Softball Field	Dugouts	HHS	Correct drainage at dugouts.	\$10,000	4
Softball Field	Concession	PCHS	Renovate Concession	\$35,000	4
Softball Field	Press Box	PCHS	Renovate Press Box	\$25,000	4
Main Gym	Sound	PCHS	Repair or upgrade Sound System.	\$20,000	4
Main Gym	Scoreboard	NPHS	Replace scoreboard.	\$20,000	4
Main Gym	Scoreboard	SPHS	Replace scoreboard.	\$20,000	4
Aux Gym	Lighting	PCHS	Replace ceiling tile.	\$75,000	4
Total Tier 4:				\$495,000	

Miscellaneous Items To Be Funded From Other Sources

School Stadium	Home Bleachers	NPHS	Provide proper egress from bleachers.	\$1,000	1
Baseball Field	Dugouts	HHS	Replace dugout fencing.	\$13,000	1
Baseball Field	Dugouts	NPHS	Replace dugout fencing.	\$13,000	1
Softball Field	Fencing	NPHS	Replace fencing at dugouts	\$12,000	1
Multi-purpose Field	Grass	NPHS	Provide crosswalk and signage.	\$20,000	1
Weight Room	Location	NPHS	Provide crosswalk and signage.	\$20,000	1
Baseball Field	Scoreboard	NPHS	Repair scoreboard	\$5,000	2
Locker Rooms	PE Lockers	HHS	Install correct signage.	\$2,500	2
Softball Field	Bull Pen	SPHS	Correct drainage.	\$2,500	3
Tennis Courts	Nets	HHS	Repair netting.	\$5,000	3
Tennis Courts	Nets	NPHS	Repair netting.	\$5,000	3
Tennis Courts	Nets	SPHS	Repair netting.	\$5,000	3
				\$64,000	