GLENBROOK HIGH SCHOOLS

Regular Board Meeting Monday November 10, 2008 District Business Office

TO:

Dr. Craig Schilling

FROM:

Kimberly L. Ptak

DATE:

NOVEMBER 10, 2008

RE:

DISCUSSION: ARTIFICIAL FIELDS

Over the last several years an increasing number of suburban area high schools have installed synthetic stadium surfaces (i.e. artificial fields) – see attachment A for listing. In talking to several of these districts, the cost of artificial fields has been largely justified by the more reliable and durable surface the artificial field provides for physical education, athletics, marching band and contests/competitions. In addition, usage studies performed by these districts have shown field usage to increase, in some cases, up to 10 times – see attachment B for sample usage chart. Average cost of artificial fields can range from \$1.1 - \$1.8M depending largely on detention requirements and product selection.

At this point, we are recommending a committee be formed to research and collect data on the costs and benefits of installing artificial fields at Glenbrook North and Glenbrook South High Schools. It is recommended that the committee focus on four main areas – Usage, Maintenance, Cost/Funding and Safety. Committee members would include Craig Schilling, Kim Ptak, athletic/activities directors, plant operations, building administrators, coaches, physical education teachers and marching band instructors.

Proposed Timeline

Mid November	Committee Meeting				
December/January	Information Collection and Analysis				
	Focus on: Usage, Maintenance,				
	Cost/Funding and Safety				
February 9, 2009	Board Report				

At the February 9, 2009 board meeting the committee will report to the board it's findings in the areas of usage, maintenance, cost/funding and safety. At that time the board can discuss next steps.

ATTACHMENT A – AREA HIGH SCHOOL INSTALLATIONS

HIGH SCHOOL	INSTALLATION YEAR					
Argo	2006					
Barrington	In Progress					
Bolingbrook	2007					
Carmel	2004					
Evanston Township	2008					
Grayslake	2007					
Lake Forest	2007					
Lake Zurich	2005					
Lane Tech	2007					
Libertyville	2005					
Lincolnway - Central	2006					
Lincolnway - East	2006					
Loyola Academy	2008					
Lyons Township	2004					
Niles North	2007					
Riverside Brookfield	2006					
Romeoville	2007					
Streamwood	2000					
Vernon Hills	In Progress					
West Chicago	2005					
Wheaton - Warrenville	2003					
Wheaton North	2003					

ATTACHMENT 2 – SAMPLE USAGE ANALYSIS

Current Projected Hours Hours		Conent		SCHOOL 1		NCHOOL 2		SCHOOL 3		SCHOOL 4	
PE Curriculum	S	Current	Projected	Current	Projected	Current	Projected	Current	Projected	Current	Projected
Practices		Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
Practices O 70 O 72 O 60 O 72 O 70 Contests 40 50 34 44 20 50 20 46 20 46 Buys Succer	PE Curriculum	0	225	0	225	0	250	0	250	0	225
Contests 40 50 34 44 20 50 20 46 20 46	<u>Football</u>										
Brys Succer	Practices	0	70	0	72	0	60	0	72	0	70
Practices	Contests	40	50	34	44	20	50	20	46	20	46
Contests 64 82 44 60 32 50 52 68 32 54	Boys Succer										
Red	Practices	0	60	0	90	0	70	0	64	0	
Band 18		64	82	44	60	32	50	52	68	32	54
Spirit Graups	Activities										
Powder Puff 0		18	125	18	19494	0	125		Table Co.	10	100000
Cirls Succer 56			64	- 550 7	// C	100	22.5	100	174.5	176	11
Buys Lacrosse 24 100 16 120 24 100 12 100 24 100 Girls Lacrosse 0 0 12 100 0 0 12 100 6 100 PE 0 330 0 360 0 350 0 320 0 315 Activities 1 58 0 18 0 50 0 35 1 81 PE Curriculum 0 60 0 60 0 60 0 60 0	Powder Puff	0	0	0	0	2	42	2	42	2	42
Buys Lacrosse 24 100 16 120 24 100 12 100 24 100 Girls Lacrosse 0 0 12 100 0 0 12 100 6 100 PE 0 330 0 360 0 350 0 320 0 315 Activities 1 58 0 18 0 50 0 35 1 81 PE Curriculum 0 60 0 60 0 60 0 60 0											
Girls Lacrosse	Girls Succer	56	140	110	138	32	156	24	100	32	126
Girls Lacrosse	Boys Lacrosse	24	100	16	120	24	100	12	100	24	100
PE Curriculum											100
PE Curriculum 0 60 0 120 0 120 0 120 0 120 0 120 0 120 0 120 0 110 0 110 0 110 0 110 0 110 0 110 0 110 0 110 0 110 0 110 0 110 0 110 0 110 0 140 0 40	PE	0	330	0	360	0	350	0	320	0	315
Summer Athletics	Activities	1	58	0	18	0	50	0	35	1	81
Summer Athletics										7	
Summer Athletics	PF Curriculum	0	60	0	60	0	60	0	60	0	60
Funtball 0		0	00	-	0.0		00	-	00	- 0	00
Buys Succer 0 110 0 110 0 110 0 110 0 110 0 110 Girls Succer 0 110 0 110 0 110 0 110 0 110 Buys Lacrosse 0 40 0 40 0 40 0 40 0 40 0 40 Girls Lacrosse 0 0 0 0 40 0 0 0 40 0 40 0 40 Summer Activities Band 0 16 0 16 0 16 0 16 0 16 Spirit Groups 0 50 0 50 0 50 0 50 0 25 Summer Rentals Feeders 0 48 0 48 0 48 0 48 0 48 Park District 0 48 0 48 0 48 0 48		0	120	0	120	0	120	0	120	0	120
Girls Succer 0 110 0 110 0 110 0 110 0 110 0 110 0 110 Buys Lacrosse 0 40 0 40 0 40 0 40 0 40 0 40 0 40 0			DOCT N	5.0	A. C.		1000				
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Spirit Groups 0 50 0 50 0 50 0 25 Summer Rentals Feeders 0 48	The second secon	0	16	0	16	0	16	0	16	0	16
Summer Rentals Feeders 0 48 <td>Spirit Groups</td> <td>0</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1.000</td> <td></td> <td>6</td>	Spirit Groups	0		1					1.000		6
Feeders 0 48 0											
		0	48	0	48	0	48	0	48	0	48
	Park District	0	48	- 0	48	0	48	0	48	0	48
VISC. 0 16 0 16 0 16 0 16	Misc.	0	16	0	16	0	16	0	16	0	16
Total Hours 203 1,922 234 2,090 110 1,985 137 2,050 127 2,069	Total Hours	203	1 922	23.1	2.000	110	1 095	137	2.050	127	2,069
10tal Hours 203 1,722 234 2,090 110 1,703 137 2,030 127 2,009	Total Hours	203	1,744	434	2,090	110	1,700	13/	2,030	14/	2,009