

SUMMARY OF POOL MATRIX

	LAKE ST. FIELD SITE	BASEBALL FIELD SITE	PARKING GARAGE SITE	NO NEW POOL
POSITIVE IMPACTS	<p>Olympic size pool provides additional sq. ft. of water that will allow:</p> <ul style="list-style-type: none"> --Increased PE curriculum --18% increase in Athletic-Aquatic participation --Diving program back on-campus --Larger deck space increases potential for Synchro Swim show --Increased use by community groups/programs, e.g., PDOP, TOPS, WSSR 	<p>Olympic size pool provides additional sq. ft. of water that will allow:</p> <ul style="list-style-type: none"> --Increased PE curriculum --18% increase in Athletic-Aquatic participation --Diving program back on-campus --Larger deck space increases potential for Synchro Swim show --Increased use by community groups/programs, e.g., PDOP, TOPS, WSSR <p>In addition, provides:</p> <ul style="list-style-type: none"> --New Varsity Baseball field, two new softball fields and new Freshman Football field after construction of the new pool -- Potential "opportunity" for all new fields to be synthetic turf, to allow for no loss of practice/game time and reduced maintenance/operating cost. -- Opportunity for integration of amenities for athletic facilities. -- New, expanded visitor bleachers for Stadium 	<p>Olympic size pool provides additional sq. ft. of water that will allow:</p> <ul style="list-style-type: none"> --Increased PE curriculum --18% increase in Athletic-Aquatic participation --Diving program back on-campus --Larger deck increases Synchro Swim show --Increased use by community groups/programs, e.g., PDOP, TOPS, WSSR <p>There would be no disruption or displacement of current OPRF programs or activities.</p>	<p>There would be no disruption or displacement of current OPRF programs, activities, facilities or parking due to a construction project.</p>
NEGATIVE IMPACTS	<p>These include:</p> <ul style="list-style-type: none"> --Distance from school building and transition time would limit time in water for PE classes --Permanent loss of turf field space could reduce athletic participation by 15-20% for programs reliant on this space --Permanent loss of jogging track would eliminate alternate site for Track practice and eliminate community use --During pool construction we would have to relocate programs reliant upon this space (e.g., Soccer, Lacrosse, Field Hockey, etc.) --Temporary displacement of community soccer groups, i.e. AYSO, Chicago Edge 	<p>These include:</p> <ul style="list-style-type: none"> --Temporarily realocate 2 levels of baseball, 3 levels of softball, freshmen football and Marching Band for 1 to 2 seasons for each sport/activity --Concern regarding finding appropriate facilities for all of these activities in or near OP & RF communities --Possibility of not being able to host Community Fireworks Gala due to proximity of new pool building. Also, if "turf" is used for new baseball field we would not be able to host fireworks at all --Concern regarding the dimensions for the new JV Softball field in relation to the baseball field --Temporary displacement of community feeder groups, i.e. Youth Football, Youth Softball 	<p>Loss of most or all of the current 300 parking spaces in the Parking Garage. This impacts daily parking for faculty and staff, as well as parking on weekends and evenings for school and community events.</p>	<p>These include:</p> <ul style="list-style-type: none"> --Continuing increased maintenance and operating costs for the current pools (85+ years old). Also, concerns with whether contractors can guarantee certain work due to liability issues. --Potential concerns with meeting new IDPH codes and requirements, and potential disruptions or shut-downs due to the pools being beyond their usable life-span --In the event of the pools being shutdown due to failure and/or non compliance we would have to reconstruct the pools, which could result in the loss of PE/Athletic facilities (i.e. wt. room, locker rooms, FH bleachers, storage). Diving program continues to be off-site.
ECONOMIC IMPACTS	<p>Annual operating costs would be \$85,000 to \$95,000</p> <p>Cost for transportation and facility rental for practices and games during construction</p> <p>Additional B&G staff will need to be hired for facility cleaning and maintenance (estimate = 2 staff x \$80,000)</p> <p>Additional PE Staff will need to be hired (Support Staff and Aquatics Director - cost TBD)</p>	<p>Annual operating costs would be \$85,000 to \$95,000</p> <p>Cost for transportation and facility rental for practices and games during construction</p> <p>Additional B&G staff will need to be hired for facility cleaning and maintenance (estimate = 2 staff x \$80,000)</p> <p>Additional PE staff will need to be hired (Support Staff and Aquatics Director - cost TBD)</p>	<p>Annual operating costs would be \$85,000 to \$95,000</p> <p>Additional B&G staff will need to be hired for facility cleaning and maintenance (estimate = 2 staff x \$80,000)</p> <p>Additional PE Staff will need to be hired (Support Staff and Aquatics Director - cost TBD)</p>	<p>Annual operating costs of \$75,735.</p> <p>Past average annual costs for maintenance and ongoing repair projects of \$165,940 per year - previous 18 years.</p> <p>Anticipated annual costs for maintenance and ongoing repair projects of \$420,000 per year - over next 5 years (total estimate of \$1.7 - 2.5 million).</p> <p>Estimated capital costs to reconstruct the existing pools and bring them into compliance if/when there is a shutdown - \$18,813,000 - (Note: this cost does not include any additional pool space).</p> <p>Potential cost for rental of diving facility.</p>

IMPACTS ON POOLS

Use of Pool(s)	Minimum/Acceptable Usage	Ideal Usage/Facility	IHSA/ISBE Policy/Rules	Current State/Usage	Pool on Lake St. Field	Pool on Baseball Field	Pool at Parking Garage	No New Pool
Physical Education	PE - 6 periods per day. Reduction from current 8 periods to 6 periods could eliminate the Adventure Education Water unit.	PE - No less than 8 periods per day	105 ILCS 5 - Illinois Learning Standard Requiring daily Physical Education. OPRF requests students meet a two-year swim requirement.	PE -Year around - 8 Periods per day - 32 - 40 students per period	Students would have to cross the street to facility unless connecting bridge is included. Increased transition time would limit time in water. Traveling in inclement conditions. Additional supervision required.	Students would have to travel outside to reach the facility. Increased transition time would limit time in water. Traveling in inclement conditions. Additional supervision required.	Students would be able to remain indoors. Limited additional supervision.	Potential interruptions of activities due to ongoing maintenance and IDPH code upgrades. Due to increases in student population we may need to reduce swim requirements.
Athletics	ATH -3-6pm - M-F ATH - 7-11am - Sat Girls Swim/Dive = 40 (2 teams) Boys Swim/Dive = 40 (2 teams) Girls W Polo = 30 (2 teams) Boys W Polo = 30 (2 teams) Synchro Swim = 25 (1 team) One (1) Pool	ATH -3-6pm - M-F ATH - 7-11am - Sat Girls Swim/Dive = 60 (3 teams) Boys Swim/Dive = 60 (3 teams) Girls W Polo = 40 (2 teams) Boys W Polo = 40 (2 teams) Synchro Swim = 25 (1 team) 8 lane / 50 meter pool	IHSA requires min. capacity of 1,000 spectators to host IHSA State Final WSC requires 7 lanes to host conference meet	ATH -3-6pm - M-F ATH - 7-11am - Sat Girls Swim/Dive = 50 (3 teams) Boys Swim/Dive = 50 (3 teams) Girls W Polo = 35 (2 teams) Boys W Polo = 35 (2 teams) Synchro Swim = 25 (1 team) Two (2) Pools	Increased square footage of pool would allow increased athletics-aquatics participation. Would allow diving to return to campus.	Increased square footage of pool would allow increased athletics-aquatics participation. Would allow diving to return to campus.	Increased square footage of pool would allow increased athletics-aquatics participation. Would allow diving to return to campus.	
Feeder Groups				TOPS - 6 - 9pm - M-F, Various times on Saturday.	Increased programming for TOPS	Increased programming for TOPS	Increased programming for TOPS	
Community				PDOP - Various times (Sunday) WSSR - One night per week	Increased opportunities for swim lessons and lap swim	Increased opportunities for swim lessons and lap swim	Increased opportunities for swim lessons and lap swim.	
Notes					Potential loss of parking spaces on Scoville Avenue.	No impact on parking	Reduce school-day parking for all staff/faculty and for evening/weekend school and community events.	No impact on parking

IMPACTS ON TENNIS COURTS

Use of Tennis Courts	Minimum/Acceptable Usage	Ideal Usage/Facility	IHSA/ISBE Policy/Rules	Current State/Usage	Pool on Lake St. Field	Pool on Baseball Field	Pool at Parking Garage	No New Pool
Physical Education	8 periods per day for PE. Any less than this requires classes to stay indoors during the spring and fall. This would require change to freshman curriculum and eliminate activity units.	No less than 8 periods per day for PE.	105 ILCS 5 - Illinois Learning Standard Requiring daily Physical Education.	PE - Spring and Fall - 8 periods per day - 32 - 38 students per period	No Impact	No Impact	No Impact	No Impact
Athletics	ATH - 3-6pm - M-F ATH - 8am-1pm - Sat Girls Tennis = 32 (2 teams) Boys Tennis = 32 (2 teams) Seven (7) Courts	ATH - 3-6pm - M-F ATH - 8am-1pm - Sat Girls Tennis = 50 (3 teams) Boys Tennis = 50 (3 teams) 12 courts on campus	IHSA requires a min. of 12 courts to host Sectional	ATH - 3-6pm - M-F ATH - 8am-1pm - Sat Girls Tennis = 45 (3 teams) Boys Tennis = 45 (3 teams) Ten (10) Courts	No impact to the current tennis courts	No impact to the current tennis courts	No Impact	
Community		10-12 tennis courts on campus to maintain pace of play and current levels. Lights would allow more court time for OPRF and community.		Available to the Public prior to 8 am and after 6 pm and on weekends when tennis is not using.	A pool on Lake St. and the potential purchase/closing of Scoville Ave. may allow for additional tennis courts to be built on campus			
Feeder Groups								
Notes								

IMPACTS ON BASEBALL FIELD

Use of Baseball Field	Minimum/Acceptable Usage	Ideal Usage/Facility	IHSA/ISBE Policy/Rules	Current State/Usage	Pool on Lake St. Field	Pool on Baseball Field	Pool at Parking Garage	No New Pool
Physical Education	No PE usage	No PE usage		No PE usage	No Impact	No Impact	No Impact	No Impact
Athletics	ATH - 3-6:30pm - M-F ATH - 9am - 2:00pm - Sat Baseball = 60 (3 teams) bus teams off-site each day Freshmen football uses field in Fall season	ATH - 3-6:30pm - M-F ATH - 9am - 2:00pm - Sat Baseball = 72 (4 teams) Turf baseball and softball fields. Add one baseball field on/near campus to eliminate busing	Required Field dimensions: R/L Field = 310 ft. Center Field = 375 Current field dimensions are the same as above	ATH - 3-6:30pm - M-F ATH - 9am - 2:00pm - Sat Baseball = 68 (4 teams) Currently we bus 2 teams off-site each day Freshmen football uses field in Fall season	No impact on baseball	Temporarily relocate all baseball teams and freshmen football for the duration of construction. Increased travel costs. Concerns regarding available appropriate community field space. Concern regarding dimensions of new baseball field based on size of pool. Consider longer, narrow pool footprint.	No Impact	No Impact
Feeder Groups	OP Youth football uses field in Fall during evening hours		The endzones on the Freshmen football field are currently 1 yard short, this could be rectified by relocating fence on Mall.	OP Youth football uses field in Fall during evening hours		Temporarily relocate OP Youth Football during duration of construction. Concerns regarding new freshman football field dimensions and turf surface vs. grass.		
Community				4th of July Community Fireworks				
Notes								

IMPACTS ON SOFTBALL FIELD

Use of Softball Field	Minimum/Acceptable Usage	Ideal Usage/Facility	IHSA/ISBE Policy/Rules	Current State/Usage	Pool on Lake St. Field	Pool on Baseball Field	Pool at Parking Garage	No New Pool
Physical Education	No PE usage	If fields were "turf" PE would use them		No PE usage	No Impact	No Impact	No Impact	No Impact
Athletics	ATH - 3-6:30pm - M-F ATH - 9am - 2:00pm - Sat Softball = 35 (2 teams) Marching Band = 80	ATH - 3-6:30pm - M-F ATH - 9am - 2:00pm - Sat Softball = 60 (3 teams) Marching Band = 100 ATH/PE - Turf baseball and softball fields	Required Field dimensions: R/L Field = 190 Center Field = 200 Current Field Dimensions are same as above	ATH - 3-6:30pm - M-F ATH - 9am - 2:00pm - Sat Softball = 50 (3 teams) Marching Band = 100	No impact on baseball	Possibility of temporarily relocating Fresh/JV softball teams and Marching Band for the duration of construction. Increase travel costs. Concerns regarding available appropriate community field space. Concern regarding dimensions of new JV softball field based on size of pool. Consider a longer, narrow pool footprint.	No Impact	No Impact
Feeder Groups				Youth Softball M - Sat		Temporarily relocate OP Youth Softball during duration of construction.		
Community								
Notes								

IMPACTS ON LAKE STREET FIELD

Use of Lake St. Field	Minimum/Acceptable Usage	Ideal Usage/Facility	IHSA/ISBE Policy/Rules	Current State/Usage	Pool on Lake St. Field	Pool on Baseball Field	Pool at Parking Garage	No New Pool
Physical Education	Any less than 8 periods per day requires class to stay indoors during the spring and fall. This would require change to freshman curriculum and eliminate activity units.	PE - No less than 8 periods per day	105 ILCS 5 - Illinois Learning Standard Requiring daily Physical Education.	PE - Spring and Fall - 8 periods per day - 35 - 42 students per hour	PE - Elimination of 1 valuable outdoor / fitness facility.	No Impact	No Impact	No Impact
Athletics	ATH - 3 - 8pm - M-F ATH - 7am - 2pm - Sat Boy's Soccer = 90 (4 teams) Field Hockey = 50 (2 teams) Girl's Soccer = 70 (3 teams) Girls LAX = 55 (2 teams) Boys LAX = 55 (2 teams) One (1) field = Soc/LAX One (1)Field = Field Hockey	ATH - 3 - 8pm - M-F ATH - 7am - 2pm - Sat Boys Soccer = 110 (5 teams) Field Hockey = 70 (3 teams) Girl's Soccer = 90 (4 teams) Girls LAX = 75 (3 teams) Boys LAX = 85 (3 teams) One (1) field = Soc/LAX Two Fields = Field Hockey Additional field space needed in order to avoid busing of teams (e.g. additional Ridgeland Common field permits).	Required Field Dimensions: Soccer = 105 yd x 65 yd Girls LAX = 110 yd x 60 yd F Hockey = 100 yd x 60 yd Current Field dimensions: Soccer = 108 x 66 Girls LAX = 108 x 62 F. Hockey = 100 x 56 F. Hockey (JV) = 100 x 52	ATH - 3 - 8pm - M-F ATH - 7am - 2pm - Sat Boy's Soccer = 100 (5 teams) Field Hockey = 65 (3 teams) Girl's Soccer = 90 (4 teams) Girls LAX = 70 (3 teams) Boys LAX = 75 (3 teams) One (1) field = Soc/LAX Two Fields = Field Hockey Currently bus 2 soccer teams off-site each day	A pool on Lake St. would mean the permanent loss of turf for programs using this space, and potentially the loss of the running track. We would have to transport teams off-campus and/or have later practices in the stadium under the lights. This could also mean the permanent loss of team/levels from such programs. In order to minimize the amount of lost field space, we need to consider expanding field onto Scoville Ave., and using a longer, narrow pool footprint.	No permanent impacts. Temporary impact may result from increased sharing with baseball, softball and football.	No impact on athletic participation. Parking will be impacted during events.	No Impact
Feeder Groups				AYSO and Chicago Edge Soccer - Sunday	Temporarily relocates feeder groups			
Community				PDOP - Sunday	Temporarily relocates Park District programs			
Notes					There will be a cost for relocation of programs using this space if pool is place on this site. There will also be a cost to permanently reconstruct the field after completion of pool.			

IMPACTS ON RUNNING TRACK

Use of Lake St. Track	Minimum/Acceptable Usage	Ideal Usage/Facility	IHSA/ISBE Policy/Rules	Current State/Usage	Pool on Lake St. Field	Pool on Baseball Field	Pool at Parking Garage	No New Pool
Physical Education	PE - Field House track could be utilized if occupied by only one class at a time.	PE - Need 8 periods per day	105 ILCS 5 - Illinois Learning Standard Requiring daily Physical Education.	PE - Spring and Fall - 8 periods per day - 35 - 42 students per hour	PE - Elimination of 1 valuable outdoor / fitness facility.	No Impact	No Impact	No Impact
Athletics	ATH - 3 - 5pm - 2 days/wk Alternate site for boys and girls track teams			ATH - 3 - 5pm - 2 days/wk Alternate site for boys and girls track	Possible loss of track would mean not having an alternate facility for our track teams.	No impacts	No Impact	
Feeder Groups								
Community				Track is available to community from 6 am to 10 pm when athletic activities are not in session.	This would eliminate community use of track due to removal to make room for the pool.			
Notes								

IMPACTS ON STADIUM

Use of Stadium	Minimum/Acceptable Usage	Ideal Usage/Facility	IHSA/ISBE Policy/Rules	Current State/Usage	Pool on Lake St. Field	Pool on Baseball Field	Pool at Parking Garage	No New Pool
Physical Education	PE - Spring and Fall - 4 Periods per day	PE - no less than 4 periods per day	105 ILCS 5 - Illinois Learning Standard Requiring daily Physical Education.	PE - Spring and Fall - 4 Periods per day - 32 - 38 students per period	Stadium would be used for 2 classes (60 - 80 students) as opposed to current usage of 1 class.	No Impact	No Impact	No Impact
Athletics	ATH - 3-6:30pm - M-F ATH - 7am - 2pm - Sat Football = 160 (4 teams) Boys Soccer = 90 (4 teams) Field Hockey = 50 (2 teams) Girls Soccer = 70 (3 teams) Boys LAX = 55 (2 teams) One (1) Field	ATH - 3-6:30pm - M-F ATH - 7am - 2pm - Sat Football = 220 (4 teams) Boys Soccer = 110 (5 teams) Field Hockey = 70 (3 teams) Girls Soccer = 90 (4 teams) Boys LAX = 85 (3 teams) One (1) Field	Our current field dimensions in the Stadium for football, soccer, field hockey and Boys Lacrosse meet the IHSA standards	ATH - 3-6:30pm - M-F ATH - 7am - 2pm - Sat Football = 200 (4 teams) Boys Soccer = 100 (5 teams) Field Hockey = 65 (3 teams) Girls Soccer = 90 (4 teams) Boys LAX = 75 (3 teams) One (1) Field	A pool on Lake St. would mean the permanent loss of turf space. We would have to transport teams off-campus and/or have later practices, which would entail more nights with lights in the stadium.	A pool on the Baseball field would not have a significant impact on the Stadium, other than the re-configuration of the Visitor bleachers	No impact on athletic participation. Parking will be impacted during events (eg Friday football)	
Feeder Groups				Youth Football - Sunday				
Community								
Notes								

COST IMPACTS FOR POOL SITES

	Pool on Lake St. Field	Pool on Baseball Field	Pool at Parking Garage	No New Pool
Capital Costs	<p><i>Assumes a 49,584-square foot Olympic-size pool</i></p> <p>HB Option 4B: \$34,282,469 Stand-alone building with no connection to existing school</p> <p>NOTE: The option above includes cost for relocation and reconstruction of Lake St. turf field</p>	<p><i>Assumes a 49,584-square foot Olympic-size pool</i></p> <p>HB Option 2A Rev#2: \$34,282,469 Stand-alone building WITH NO skybridge connection to school</p> <p>HB Option 2A Rev#3: \$35,514,969 Stand-alone building WITH skybridge to school</p> <p>NOTE: Both options above include cost for relocation and reconstruction of baseball and softball fields</p>	<p><i>Assumes a 49,584-square foot Olympic-size pool</i></p> <p>HB Option #3B: \$36,673,792 Stand-alone building WITH NO skybridge connection to school</p> <p>HB Option #5C: \$37,826,292 Stand-alone building WITH skybridge to school</p> <p>NOTE: Both options above include cost for purchase and demolition of existing parking garage</p>	<p>Estimated cost to reconstruct the existing pools in the case of a shutdown due to systems failure and/or non compliance - \$18, 813,000.</p> <p>NOTE: this estimate does not include any expansion of the pool surface.</p>
Operating Costs	<p>Annual Operating Costs for the new pool would be \$85,000 to \$95,000. The operating cost for the new pool is \$1.91 per sq.ft.</p>	<p>Annual Operating Costs for the new pool would be \$85,000 to \$95,000. The operating cost for the new pool is \$1.91 per sq.ft.</p>	<p>Annual Operating Costs for the new pool would be \$85,000 to \$95,000. The operating cost for the new pool is \$1.91 per sq.ft.</p>	<p>Annual Operating Costs for the current pools (2) is \$75,735 per year. The operating cost for both existing pools is \$4.59 per sq.ft.</p>
Maintenance and Ongoing Repair Costs	<p>\$0 due to new construction</p>	<p>\$0 due to new construction</p>	<p>\$0 due to new construction</p>	<p>Annual maintenance and repair costs over the past 18 years has been \$165,940 per year. Estimated annual maintenance and repair costs for the next 5 years is \$420,000 per year (total estimate of \$1.7 - 2.5 million).</p>
Staffing Costs	<p>Two (2) additional B&G Staff at \$80,000 per staff member. 1 to 2 additional PE Staff - cost - TBD</p>	<p>Two (2) additional B&G Staff at \$80,000 per staff member. 1 to 2 additional PE Staff - cost - TBD</p>	<p>Two (2) additional B&G Staff at \$80,000 per staff member. 1 to 2 additional PE Staff - cost - TBD</p>	<p>No additional staff needed</p>