Scotia-Glenville CSD Athletic Field Master Plan March, 2017

Introduction The Scotia-Glenville Central School District requested a strategic plan that would improve the quality and availability of athletic fields within the District. In the fall of 2016 Chazen Companies performed a field inventory and evaluation of existing athletic fields in the District. The evaluation ranged from open space recreation areas used for recess and physical education classes to existing athletic fields used for both practices and games. The resulting inventory gathered and characterized conditions of existing fields, and evaluated the opportunities for potential new fields, improvement of current fields, and maintenance and future needs. After reviewing the results, the following prioritization of field renovations and upgrades was created.

Priority I

Main Field (Field 1 & 1B) Current Utilization

- All Varsity, JV Modified Interscholastic Football games
- Limited Varsity Football Practice
- Band Practice
- Limited Field Hockey: Varsity (1 contest, 1 practice)
- Limited Lacrosse: Varsity Boys and Girls Interscholastic Contests
- Limited Boys Varsity Lacrosse Practice
- Limited Soccer: Varsity Girls (1contest, 1 practice)
- Limited Youth Association Sports

Main Field with Synthetic Turf

Priority Recommendation - Cost \$900,000

Benefits/Justification for Synthetic Turf

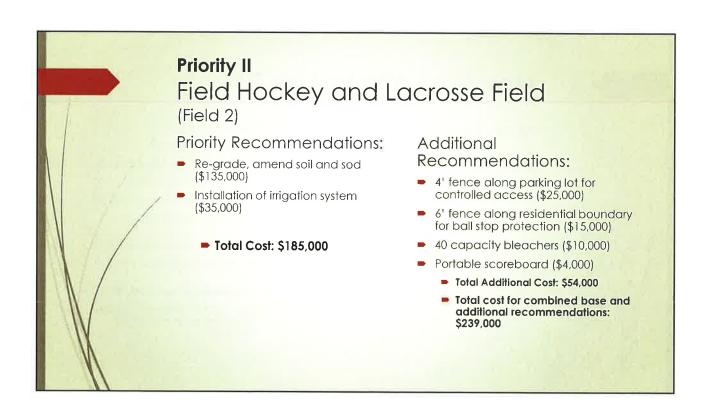
- Increased Playability
 - Increase in usage of 62% in comparison to natural turf
 - More interscholastic sports can use for practice and contests
 - Fall and spring outdoor use for Physical Education classes can be extended
- Increased Durability
 - Fields open for full length of season
 - Eliminates divots, bare wear spots, and uneven terrain related to field use
 - Allows for resting and restoration of other fields
 - Longer life span (8-10 years, natural turf needs major overhaul every 10 years)

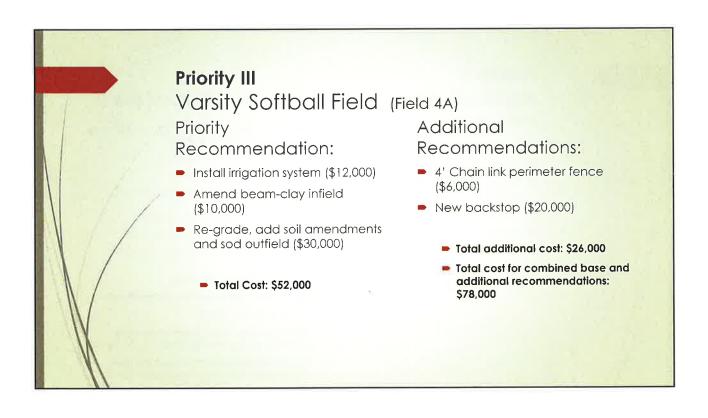
Main Field with Synthetic Turf Continued

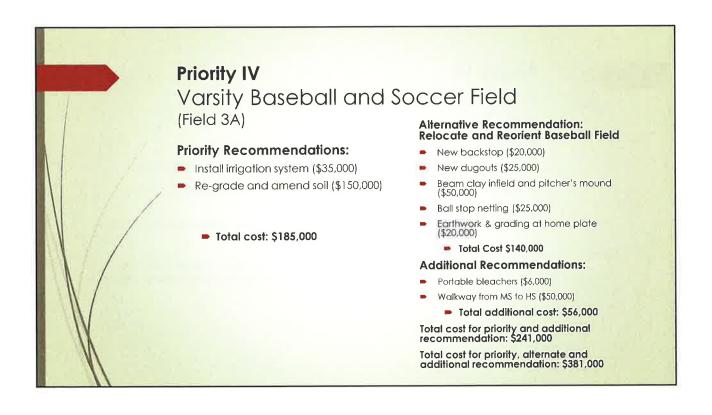
- Improved Drainage
 - Field is used during most rain events
 - Superior ability to drain water compared to natural turf
- Storm Water Management
 - Reduces peak storm-water flow into existing natural storm water system causing less erosion to existing natural waterway
 - Reduces phosphorous runoff to nearby streams and tributaries since synthetic field acts as a filter capturing contaminants
 - Avoids uses of fertilizer and other chemicals that enter storm water system
 - Eliminates the need for irrigation systems
- Lower Maintenance Costs
 - No mowing, fertilizing, reseeding, or irrigation
 - Cost includes grooming and debris removal
 - Reduced annual maintenance cost (synthetic turf \$18,700, natural turf \$23,500)

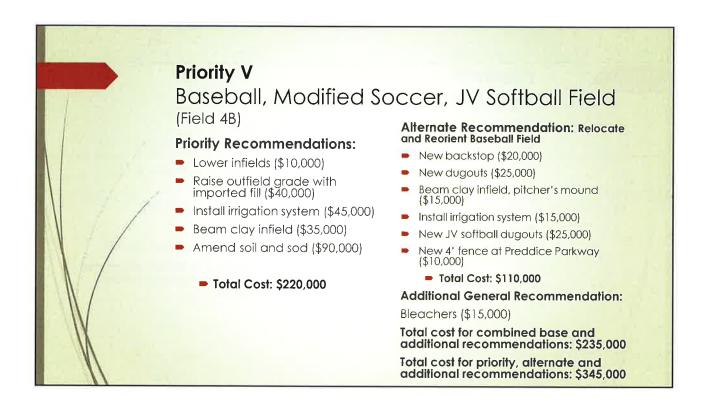
Main Field With Natural Turf Additional Priority Recommendations: Recommendations: Irrigation System (\$25,000) Patch repair perimeter fence (\$25,000) Re-grade & Crown Field, add soil and sod (\$90,000) Install new scoreboard (\$50,000) Clean out drainage and repair storm New concrete ADA walkway (\$20,000) drain system (\$20,000) Additional set of visitor bleachers (\$15,000)Total cost: \$135,000 Irrigation for practice field (\$12,000) Amend soil and seed practice field (\$25,000)Total additional cost: \$147,000 Total cost for combined base and additional recommendations: \$282,000

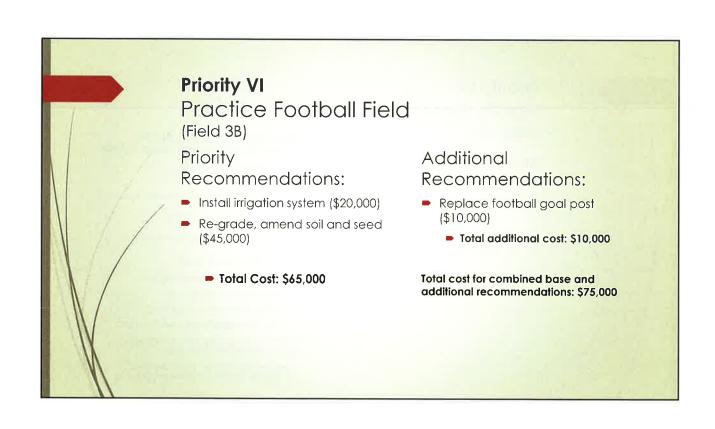
		Natural Turf	Synthetic Turf
	Football (Varsity and JV)	10 Games, limited practice	10 Games (4 V, 6 JV), All practices (48 V, 40 JV)
	Football (Modified)	6 Games, No Practices	6 Games, 12 practices
	Band	Limited practices, 4 halftime performances	10 Practices, 4 halftime performances
	Field Hockey (Varsity, JV, modified contests)	1 Varsity Game, 1 Practice	6 Games, Additional practices (30 V, 5 JV)
	Lacrosse (Varsity, JV, modified contests)	Boys- Varsity 5 Games, 10- 15 Practices Girls – Varsity 1 Game, 2 Practices	Boys - 14 Games (8 V, 6JV), practices (42 V, 25 JV) Girls – 7 Games (6 V, 1 JV), practices (25 V, 10 JV)
	Soccer (Varsity, JV)	Girls- Varsity 1 Game, 2 Practices	Girls – 4 Games (3 V, 1 JV), practices (10 V, 5 JV) Boys – 3 Games (2 V, 1 JV), practices (10 V, 5 JV)
	Youth Association	2- Football Games	20+ Games (Football, soccer, field hockey, youth lacrosse)
11	Physical Education Class	None	90+ Days

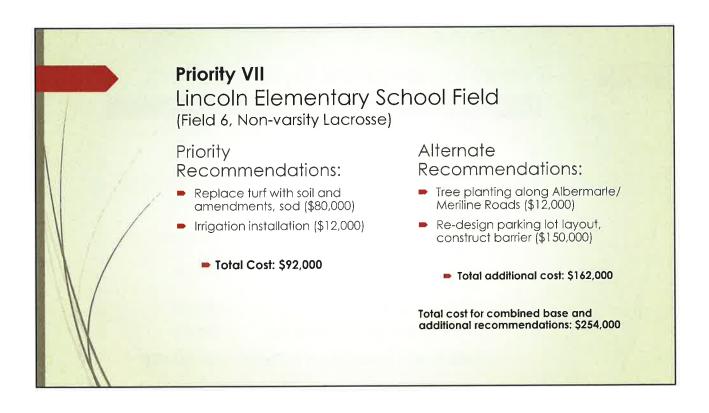


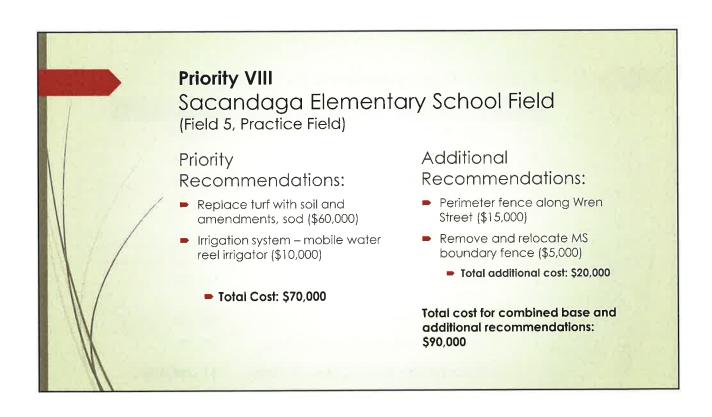








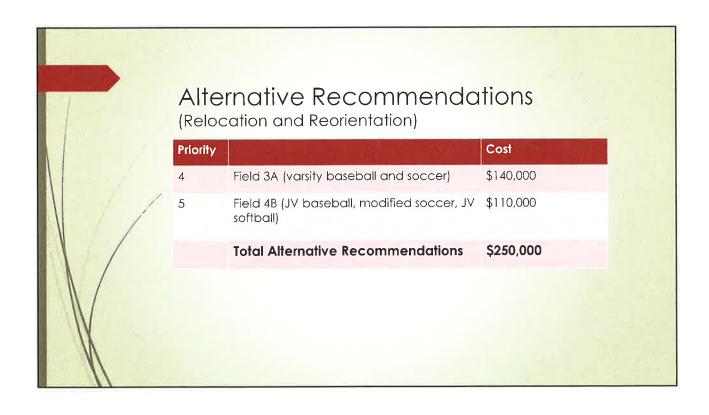




Prior	rity Renovations (Synthe	tic Turf)
Priority		Amount
, 1	Main Field - 1A (synthetic turf)	\$900,000
2	Field 2 (field hockey, lacrosse)	\$185,000
3	Field 4A (varsity softball)	\$52,000
4	Field 3A (varsity baseball and soccer)	\$185,000
5	Field 4B (JV baseball, modified soccer, JV softball)	\$220,000
6	Field 3B (Practice football, Lincoln ES, lacrosse)	\$65,000
7	Field 6 (non-varsity)	\$92,000
8	Field 5 (Sacandaga ES, practice field)	\$70,000
	Total Priority Renovations to Fields	\$1,769,000

	Prior	rity Renovations (Natur	al Turf)
	Priority	Field	Amount
	1	Main Field - 1 A	\$135,000
	2	Field 2 (field hockey, lacrosse)	\$185,000
	3	Field 4A (varsity softball)	\$52,000
	4	Field 3A (varsity baseball and soccer)	\$185,000
	5	Field 4B (JV baseball, modified soccer, JV softball)	\$220,000
	6	Field 3B (Practice football, Lincoln ES, lacrosse)	\$65,000
	7	Field 6 (non-varsity)	\$92,000
	8	Field 5 (Sacandaga ES, practice field)	\$70,000
		Total Priority Renovations to Fields	\$1,004,000

	Ado	ditional Renovations	
	Priority	Field	Amount
	1	Main Field - 1 A	\$147,000
	2	Field 2 (field hockey, lacrosse)	\$54,000
	3	Field 4A (varsity softball)	\$26,000
	4	Field 3A (varsity baseball and soccer)	\$15,000
	5	Field 4B (JV baseball, modified soccer, JV softball)	\$56,000
	6	Field 3B (practice football, Lincoln ES, lacrosse)	\$10,000
	7	Field 6 (non-varsity)	\$162,000
11	8	Field 5 (Sacandaga ES, practice field)	\$20,000
		Total Priority Renovations to Fields	\$490,000



Plan	n and Upgrade Cost
Priority - Synthetic Turf	Total Cost: \$1,769,000
Priority – Natural Turf	Total Cost: \$1,494,000
Including Additional Recommendations	\$490,000
Synthetic	Total Cost: \$2,259,000
Natural Turf	Total Cost: \$1,984,000
Including Alternative Recommendations	\$250,000
Synthetic	Total Cost: \$2,509,000
Natural	Total Cost: \$2,234,000