

# 2020

## Capital Improvement Plan



**FINAL**



## Our Mission

To enhance our community by providing outstanding services, parks and facilities through environmental, social and financial stewardship

## Our Vision

To be recognized as a national leader in delivering innovative park and recreation services based on responsiveness, trust and accountability to our community

## Our Guiding Principles

### **Building Strong Relationships and Community**

We recognize the positive impact we have on people's lives and constantly strive to improve the quality of life for the people we serve.

We build meaningful and lasting relationships based on strong values, a common purpose and mutual respect.

We value diversity and actively seek people with different perspectives and experiences.

We support achieving balance in our professional and personal lives.

### **Honesty and Integrity**

We maintain the highest ethical standards.

We communicate honestly and transparently.

### **Accountability and Respect**

We strive to deliver results that add value to the community we serve.

We recognize that each of us has a choice in what we do and how we do it.

We learn from our mistakes and focus on continuous improvement.

### **Professional Growth and Innovation**

We support efforts that will enhance, educate and develop our employees.

We encourage creativity and innovation.

### **Teamwork**

We appreciate that all of us are more effective than any one of us.

We encourage collaboration and collective problem solving.

We create an integrated organization free of boundaries.

We embrace the diversity of our team.

### **Pursuing Excellence**

We believe our efforts make a difference as stewards of our community.

We recognize that being good is simply not good enough.

Visit us at [nbparks.org](http://nbparks.org).

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# Introduction

The Capital Improvement Plan (CIP) is Northbrook Park District's forecast of park and facility improvements including the repair and replacement of existing equipment and vehicles.

With the completion and adoption of the District's 2016-2026 Comprehensive Master Plan (CMP), a 10-year CIP has been developed with community input and will be updated annually to serve as our road map to define priorities and projects. The District believed it was wise to develop this 10-year CIP after the completion and adoption of the CMP to ensure the alignment of the two documents' priorities. The District is now entering the fourth year of the CMP.

## Capital Improvement Project Guidelines

The project must have:

- Monetary value of at least \$3,000
- Life of at least three years
- Result in the creation of a fixed asset or the renovation of a fixed asset
- Support the Alternatives and Preferred Strategies that are outlined in the Comprehensive Master Plan.

Included within the guidelines above are the following items:

- Purchase, improvement and development of land
- Equipment and machinery for new or expanded facilities
- Planning and engineering costs related to specific capital improvements
- Construction of new facilities
- Renovation or expansion of existing facilities.

The capital improvement process begins with each division submitting project requests for review. These projects are reviewed and evaluated by the members of the Senior Leadership Team with input from knowledgeable staff members. Projects are prioritized based on the District's overall goals and anticipated funding. All project costs are estimates based upon quotes provided by contractors and consultants for specific equipment or the scope of the project as defined at the time of this publication.

The final compilation of project requests is presented to the Board of Commissioners based on consensus agreement of the Executive Director and Division Directors.

Funding for projects is derived from general tax revenues, surplus from fee-for-service revenues, bond proceeds, development impact fees, state grants and donations. Worksheets contained in this Plan describe the projects and operational impacts, if any. The tentative schedules allow the District to make capital expenditures over

time with appropriate coordination among the Divisions. The CIP also includes funding for improvements recommended by the Americans with Disabilities Act (ADA) Transition Plan.

Highlights of the proposed 2020 plan:

- As part of the 2018-2022: New Places to Play initiative, we are excited to move forward with the continued construction of the new Activity Center at Techny Prairie Park and Fields and the continued engineering and design work for the renovation of the Sportsman's Country Club Golf Course. Construction is scheduled to begin in spring at Sportsman's.
- The Activity Center will house fitness studios, a cardio/strength area, gym, indoor walking/jogging track, stretching area, locker rooms, multipurpose room, child care and office space.
- At Sportsman's our goal is to have a new clubhouse with an appropriate food and beverage vendor for this new space. Improvements to the practice range, fairways, greens and tees and improved drainage will also be incorporated into the plan.
- Engineering will begin for the roof replacement, improvements to the exterior walls, and mechanical systems replacements to the Northbrook Sports Center with implementation of this project in 2021.
- Other Districtwide projects include: technology implementation, painting, tennis and basketball court repairs.
- The first of three construction phases will begin at Wood Oaks Green Park with the replacement of the seawall along Lake Shermerville. The existing sheet piling is failing and will be replaced with a combination of Rosetta Stone retaining block and a graded sloped naturalized shoreline.
- Asphalt replacement, repair and sealcoating of parking lots and pathways at several facilities and parks are scheduled this fiscal year.
- Parks and Properties will continue to focus on repair and replacement of aging infrastructure and various amenities in our parks.

The proposed CIP for 2020 totals \$18.3 million. The 2020 CIP reflects an increase in spending from the 2019 CIP as the District will continue construction of the Activity Center and prepare for the start of renovations at Sportsman's Country Club.

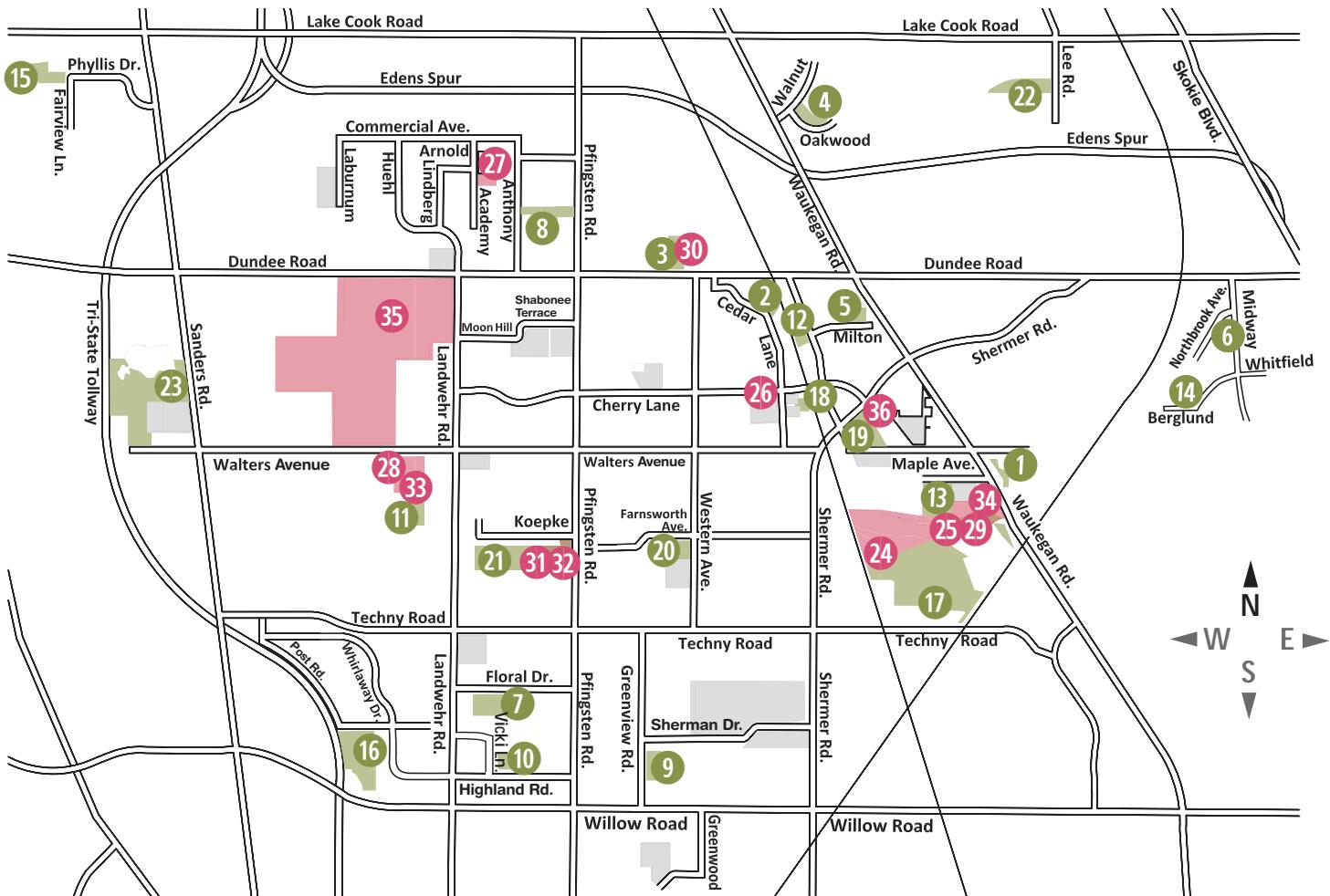
A summary of the 2020 CIP will be in the Annual Budget, which also will be on the District's website, [nbparks.org](http://nbparks.org), and at the Joe Doud Administration Building after approval.

# Northbrook Park District – Park Amenities Index

Key	Park/Recreation Area	Acres	Adaptive Swing	AEDs (Outdoor)	Baseball/Sofball Diamonds	Basketball Courts	Batting Cages	Bike Repair Station	Bocce Courts	Cycling Track/Velodrome	Dog Park	Drinking Fountain	Eco/Naturalized Area	Educational Area	Field (Multi-purpose)	Field Hockey	Fitness Equipment (Outdoor)	Fishing	Grill(s)	Ice Skating Rink (Outdoor)	Pickleball	Picnic Areas	Playground	Restroom	Shelter	Skate Park	Sled Hill	Tennis Courts	Tennis Practice Wall	Trails & Pathways	Turf Fields	Volleyball Court (Sand)
1	<b>Brees Park</b> 1265 Country Lane	0.72																														
2	<b>Cedar Lane Tot Lot</b> 965 Cedar Lane	0.95				•															•											
3	<b>Coast Guard Park</b> 2490 Dundee Road	4.39									•	•															•					
4	<b>Countryside Park</b> Walnut Circle & Oakwood Road	1.73			•	•						•									•								•			
5	<b>Crestwood Park</b> 1824 Milton Avenue	2.41	•								•								4	•					4	•	•					
6	<b>Engelhardt Park</b> 900 Midway Road	.196																											•			
7	<b>Floral Park</b> 3105 Floral Drive	.77	•			•					•	•	•					•											•			
8	<b>Greenfield Park</b> 2950 Harbor Lane	4.90			2	•					•		•																•			
9	<b>Greenview Park</b> 2407 Greenview Road	1.88	•			•					•							•			•	•							•			
10	<b>Hampton Lane Park</b> 2465 Vicki Lane	.72																														
11	<b>Indian Ridge Park</b> 3323 Walters Avenue	7.50	•		•	•		2			•	•	•																•			
12	<b>Meadow Road Tot Lot</b> 1000 Block of Meadow Road	0.62	•			•						•																				
13	<b>Meadowhill Park</b> 1479 Maple Avenue	32.81	2	5	•		•	•			•		•						•		•	•	•					•				
14	<b>Oaklane Park</b> 636 Berglund Place	2.46	•								•										•					1						
15	<b>Salceda Park</b> 1010 Fairview Lane	2.78	•								•										•											
16	<b>Stonegate Park</b> 3425 Whirlaway Drive	10.61	•		2						•		•						6	•	•	•							•			
17	<b>Techny Prairie Park and Fields</b> 1700 Block of Techny Road	113.82	2	4		6	•				•	•	•	6	•		•	•	4	•	•*	4	•	•				•	•			
18	<b>Tower Rink</b> Behind 1225 Cedar Lane	.92											•							•												
19	<b>Village Green Park</b> Shermer Road & Meadow Road	10.00	•	•	•			•			•		•						•	•	•*	•						•				
20	<b>Wescott Park</b> 1820 Western Avenue	4.10	•		2						•		•																•			
21	<b>West Park</b> 1730 Pfingsten Road	24.05		3							•		•													3	•	2				
22	<b>Williamsburg Square Park</b> 200 Lee Road	8.56	•		•	•					•		•						3		•					3	•					
23	<b>Wood Oaks Green Park</b> 1150 Sanders Road	55.90	•		2			•			•		•				•	•	4	3	•	•	•	•	8	•	•					

\* Village Green Park Restrooms Closed in Winter

# Northbrook Park District – Map and Facilities Index



Key	Park District Facility	Amenities
24	<b>Anetsberger Golf Course &amp; Techy Prairie Center</b> Techy Prairie Park and Fields, 1750 Techy Road	▪ Nine-hole golf course, short game practice area and golf shop
25	<b>Ed Rudolph Velodrome &amp; Chalet</b> Meadowhill Park, 1479 Maple Avenue	▪ Quarter-mile banked cycling track offering races and training sessions ▪ Indoor space (available for rental)
26	<b>Greenbriar Gym</b> 1225 Greenbriar Lane	▪ Indoor gymnasium space available during scheduled Park District hours
27	<b>Joe Doud Administration Building</b> 545 Academy Drive	▪ Administrative offices and Parks/Maintenance building
28	<b>Leisure Center &amp; Senior Center</b> 3323 Walters Avenue	▪ Programs for children through seniors, gym, art studio, kitchen, library and parties ▪ Sunshine Preschool ▪ Community rooms (available for rental)
29	<b>Meadowhill Aquatic Center</b> Meadowhill Park, 1501 Maple Avenue	▪ Outdoor aquatic center includes: zero-depth area with play features, lap lanes, diving boards, tube and body slides, sun deck, shade canopy and locker rooms
30	<b>Northbrook Dog Park</b> Coast Guard Park, 2490 Dundee Road	▪ Fenced 2-acre area for dogs, .5-acre area for small dogs, dog wash, shelter, tables and benches
31	<b>Northbrook Sports Center</b> 1730 Pfingsten Road	▪ Two indoor NHL-sized ice rinks, skate shop ▪ Community rooms (available for rental)
32	<b>Northbrook Sports Center Pool</b> 1730 Pfingsten Road	▪ Outdoor aquatic center includes: zero-depth area with play features, vortex pool, climbing wall, lap lanes, water slide, diving board, sun deck, shade canopy and locker rooms
33	<b>Northbrook Theatre</b> 3323 Walters Avenue	▪ 268-seat auditorium used by theatre companies: professional actors, youth companies and community musical (available for rental)
34	<b>Outdoor Education Center, Teams Challenge Course &amp; Northbrook Climbing Tower</b> Meadowhill Park, 1471 Maple Avenue	▪ Indoor and outdoor space used for team-building programs ▪ 30-foot tower with four climbing routes (available for rental)
35	<b>Sportsman's Country Club</b> 3535 Dundee Road	▪ Golf facility includes Classic 18 course, East 9 course, golf shop, practice range, mini-golf course, halfway house, on-course restrooms and dining area
36	<b>Village Green Center</b> 1810 Walters Avenue	▪ Athletics and Aquatics offices, picnic permit office ▪ Community room (available for rental)

# Property and Facilities

## Property and Facilities Owned by the District

The Northbrook Park District serves a population of approximately 33,600 residents. The District operates and maintains 543 acres of property, 32 of which are maintained through intergovernmental agreements. The District's 511 acres equal a ratio of 15.21 acres per 1,000 residents.

The District holds title to 28 parcels, representing more than 500 acres within the service area of approximately 13 square miles.

LOCATION	ACQUIRED	ACREAGE	BUILDING SIZE (SF)
<b>545 Academy Drive</b> <i>Administration and Maintenance Facility</i>	1/21/1993	2.75	52,486
<b>Brees Park</b> <i>1265 Countryside Lane</i>	10/17/1956	.72	0
<b>Cedar Lane Lot A</b> <i>1000 Block of Cedar Lane</i>	Donated 2/24/1955	.23	0
<b>Coast Guard Park</b> <i>2490 Dundee Road</i>	Granted 7/24/1978	4.39	0
<b>Countryside Park</b> <i>Walnut Circle and Oakwood Road</i>	Donated 3/28/1955	1.73	0
<b>Crestwood Park</b> <i>1824 Milton Avenue</i>	7/10/1930	2.41	0
<b>Engelhardt Park</b> <i>900 Midway Road</i>		.196	0
<b>Floral Park</b> <i>3105 Floral Drive</i>	11/24/2009	.77	0
<b>Greenfield Park</b> <i>2950 Harbor Lane</i>	Donated 4/9/1965	4.9	0

LOCATION	ACQUIRED	ACREAGE	BUILDING SIZE (SF)
<b>Greenvie Park</b> <i>2407 Greenvie Road</i>	9/12/2005	1.88	0
<b>Hampton Lane Basin</b> <i>2465 Vicki Lane</i>	Donated 11/28/1978	.72	0
<b>Indian Ridge Park, Leisure Center, Senior Center and Northbrook Theatre</b> <i>3323 Walters Avenue</i>	6/1/1984	7.5	44,735
<b>Meadowhill Park, Meadowhill Aquatic Center, Chalet, Outdoor Education Center and 1605 Illinois</b> <i>1501 Maple Avenue</i>	12/10/1958	32.81	17,604
<b>Meadow Road Tot Lot</b> <i>1000 Block of Meadow Road</i>	Donated 1/30/1956	.62	0
<b>Oaklane Park</b> <i>636 Berglund Place</i>	11/15/1984	2.46	0
<b>Salceda North Park</b> <i>1010 Fairview Lane</i>	Donated 6/1/1976	1.73	0
<b>Salceda Park</b> <i>1010 Fairview Lane</i>	8/5/1990	1.05	0
<b>Sportsman's Country Club, Clubhouse, Practice Range, Halfway House and Cart Storage</b> <i>3535 Dundee Road</i>	8/11/1978	151.82	21,585
<b>Sportsman's East Nine and Maintenance Facility</b> <i>3401 Dundee Road</i>	1/13/1988	63.04	14,780

LOCATION	ACQUIRED	ACREAGE	BUILDING SIZE (SF)
Stonegate Park <i>3425 Whirlaway Drive</i>	Donated 3/12/1997	6.15	0
Stonegate Park Lot 133 <i>3425 Whirlaway Drive</i>	12/12/2001	4.46	0
Techny Prairie Park and Fields, Techny Prairie Center and Picnic Pavilions <i>1750 Techny Road</i>	6/1/2000	60	2,240
Techny Prairie Park and Fields (formerly Meadowhill South), Picnic/Warming Shelter and Restrooms <i>1700 Techny Road</i>	Donated 1993-1995	47.82	1,400
Techny Prairie Park and Fields <i>180 Anets Drive</i>	12/16/2011	6.0	0
Village Green Park, Village Green Center and Pavilion <i>1810 Walters Avenue</i>	Donated 8/3/1944	10	5,923
Wescott Park <i>1820 Western Avenue</i>	5/6/1965	4.1	0
West Park, Northbrook Sports Center, Northbrook Sports Center Pool <i>1720 - 1730 Pfingsten Road</i>	5/6/1965	24.05	89,096
Williamsburg Square Park <i>200 Lee Road</i>	9/6/1974	8.56	0
Wood Oaks Green Park and Shelter/Restroom <i>1150 Sanders Road</i>	4/11/1975	55.9	1,750
<b>TOTAL</b>		<b>508.92 ACRES</b>	<b>256,860 SQ. FT.</b>

## Property Leased by the District

In addition to the property and facilities listed on the previous pages, the District leases two parcels:

LOCATION	ACQUIRED	ACREAGE	BUILDING SIZE (SF)
Cedar Lane Tot Lot <i>965 Cedar Lane</i>		.95	0
Tower Rink <i>1225 Cedar Lane</i>	Lease 8/1954	1.5	0
<b>TOTAL</b>		<b>2.45 ACRES</b>	

# **Capital Improvement Plan Listing by Location**

NORTHBROOK PARK DISTRICT CAPITAL IMPROVEMENT PLAN 2020 - 2027 Budget										
LOCATION / PROJECT	Page #	2020	2021	2022	2023	2024	2025	2026	2027	Anticipated Year
<b>ADMINISTRATIVE OFFICES</b>										
Admin Office Furniture Addition/Replacement	21	13,000								
Computer Software Upgrade	21	125,000	40,000	40,000	42,000	42,000	42,000	42,000	42,000	42,000
Main Computer Equipment & Network Replacement			45,000	75,000	45,000	45,000	45,000	45,000	45,000	45,000
Parking Lot Replacement										*
Personal Computer Equipment Migration	22	20,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
<b>SUBTOTAL</b>		158,000	110,000	140,000	137,000	112,000	112,000	137,000	112,000	
<b>CEDAR LANE TOT LOT</b>										
Basketball Court Replacement										
Playground Design / Replacement			45,000							
<b>SUBTOTAL</b>		0	45,000	20,500	238,500	0	0	0	0	
<b>COAST GUARD PARK</b>										
Fence Replacement										
Parking Lot Replacement										
Shelter Roof Replacement										
<b>SUBTOTAL</b>		0	0	0	0	0	0	0	0	
<b>COUNTRYSIDE PARK</b>										
Basketball Court Replacement										
Playground Design / Replacement										
<b>SUBTOTAL</b>		0	0	45,000	0	28,500	28,500	335,000	0	
<b>CRESTWOOD PARK</b>										
Playground Design / Replacement (including Outdoor Fitness Equipment)										
Tennis Court Replacement										
<b>SUBTOTAL</b>		0	0	0	0	0	0	0	0	
<b>ENGELHARDT PARK</b>										
Pathway Replacement (Brick / Woodchips)										
<b>SUBTOTAL</b>		0	0	0	0	0	0	0	0	
<b>FLORAL PARK</b>										
Basketball Court Replacement										
Pathway Replacement (Concrete)										
Playground Design / Replacement (including Outdoor Fitness Equipment)										
<b>SUBTOTAL</b>		0	0	0	0	0	0	0	0	

\* Denotes anticipated year of improvement.

LOCATION / PROJECT	Page #	2020	2021	2022	2023	2024	2025	2026	2027	Anticipated Year
<b>GREENFIELD PARK</b>										
Basketball and Sideline Fence Replacement				35,000						
Basketball Court Replacement				45,000						
Pathway Design / Construction (See ADA)	22	*								2028
Playground Design / Replacement										
<b>SUBTOTAL</b>		0	0	80,000	0	0	0	0	0	
<b>GREENVIEW PARK</b>										
Basketball Court Replacement										55,000
Fence Replacement										
Pathway Replacement										38,000
Playground Design / Replacement (Including Outdoor Fitness Equipment)										2031
Shelter Replacement										2031
<b>SUBTOTAL</b>		0	0	0	0	38,000	0	0	55,000	
<b>INDIAN RIDGE PARK</b>										
Basketball and Sideline Fence Replacement										
Basketball Court Replacement										
Bocce Court / Shelter Replacement										2047
Fence Replacement (Playground)										
Pathway Replacement (Concrete)										
Playground Design / Replacement										2034
<b>SUBTOTAL</b>		0	0	0	90,000	0	0	0	0	
<b>LEISURE CENTER</b>										
Emergency Generator Replacement (Engineering / Installation)					70,000					
Exterior / Parking Lot Lighting Upgrade (Engineering / Installation)					55,750					
Fence Replacement (Property Line)										
Fitness Room										
Gym Floor Replacement										
HVAC / Hot Water Tank Replacement (Pump & Motor)						12,000				
HVAC / RTU Replacement										
Interior Lighting Upgrade (Gymnasium & Scene Shop)										*
Maintenance / Repair & Minor Improvements - Category II										
Marquee Sign Replacement										
Parking Lot - Asphalt Resurfacing										
Pottery Kiln Replacement (See Manager's Account)										*
Roof Replacement										
Theatre Media Server Replacement										
Theatre Projector Equipment Replacements	23	32,000	*			17,500				
Walkways & ADA Parking Ramps										
Wireless Mic Replacement										
<b>SUBTOTAL</b>		32,000	143,250	4,029,500	0	0	0	0	0	
<b>MEADOW ROAD TOT LOT</b>										
Basketball Court Replacement										
Playground Design / Replacement										
West Boundary Fence Replacement										
<b>SUBTOTAL</b>		0	0	0	0	0	0	11,750	136,500	0
										2029

LOCATION / PROJECT	Page #	2020	2021	2022	2023	2024	2025	2026	2027	Anticipated Year
<b>MEADOWHILL AQUATIC CENTER</b>										
Bathhouse / Pool - Painting										
Bathhouse Renovation (MHP Master Plan Implementation)						*				
Children's Area Renovation						*				
Concession Equipment / Fryers										
Concrete Deck Renovation (Included in Meadowhill Master Plan Implementation)										
Dive Pool Pump Motor Replacement										
Dive Pool / Lap Pool/Plunge Pool Shell Liners (3)										
Fence Replacement										
Filtration System Replacement (Main Pool / Dive Pool)										
Filtration System Replacement (Children's Pool)										
Filtration System Replacement (Plunge Pool)										
HVAC / Pool Heater Replacements (3)										
HVAC / Furnace Replacements (2)										
HVAC / Hot Water Heater Replacements (4)										
Parking Lot Replacement										
Park Apparatus Painting (Playground)										
Pool Deck Lighting (Retrofit to LED Fixtures)										
Pool Slide Gelcoat & Painting										
Roof Replacement										
Meadowhill Aquatic Center Pumps, Motors, VFDs & Impeller										
Children's Pool Floor Painting										
Window Replacement (See Manager's Account)						*				
<b>SUBTOTAL</b>		<b>104,500</b>	<b>366,500</b>	<b>302,500</b>	<b>344,500</b>	<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>MEADOWHILL PARK</b>										
Backstop, Sideline and Outfield Fence Replacement										
Basketball Court Repairs (See Parks Maintenance)						*				
Inline Hockey Court Repair & Color Coat						*				
Light Pole Replacement and Fixture Upgrade (Field #2) (Engineering / Installation)						*				
Parking Lot Lighting Upgrades										
Parking Lot Replacement										
Pathway to Basketball & Hockey Rink										
Playground Design / Replacement										
Scoreboard Replacement (Field #2)										
Shelter Replacement										
Roof Replacement / Shelter										
<b>CHALET</b>										
Chalet Renovation/Replacement (MHP Master Plan Implementation - Phase 2)										
HVAC / Overhead Heater Replacement										
Roof Replacement										
<b>OUTDOOR EDUCATION CENTER</b>										
Building Demolition, Remove Asphalt & Regrade w/ Swale										
24	60,000									
<b>VELODROME</b>										
Fence & Gate Renovation										
Upgrade and Relamp Light Fixtures										
Velodrome Repairs										
Velodrome / Track Replacement										
<b>1605 ILLINOIS</b>										
Building Demolition										
Site Restoration										
<b>SUBTOTAL</b>		<b>83,000</b>	<b>1,699,750</b>	<b>80,000</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>OAKLANE PARK</b>										
Park Renovation										
Playground Replacement										
Tennis Court Replacement										
<b>SUBTOTAL</b>		<b>38,500</b>	<b>190,000</b>	<b>235,000</b>	<b>175,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

LOCATION / PROJECT	Page #	2020	2021	2022	2023	2024	2025	2026	2027	Anticipated Year
<b>PROGRAMS - General &amp; Recreation</b>										
ADA Facility Requirements (47 Fund) (Activity Center, Greenfield & Sportsman's)	26	778,000	100,000							
Pool Deck Furniture Replacement	24	10,000		10,000						
<b>SUBTOTAL</b>		<b>788,000</b>	<b>100,000</b>	<b>0</b>	<b>10,000</b>	<b>0</b>	<b>10,000</b>	<b>0</b>	<b>0</b>	
<b>PARKS MAINTENANCE</b>										
<b>545 Academy Drive</b>										
Asphalt / Concrete Repairs (District-Wide)	26	34,250								
Basketball Court Repairs (MHP + GNV Crackfill / Colorcoat)	27	18,500	7,500	0	16,500	12,000	23,500	0	27,000	
Emergency Generator Replacement (Engineering / Installation)	27	4,500	93,500							2029
Garage Concrete Floor Prep and Sealing										
HVAC / Boiler Replacement										
HVAC / A/C Computer Server Room Replacement										
Overhead Door Replacement (Trailer / Cold Storage / Wash Bay)			*							*
Painting (District-Wide)										
Parking Lot Replacement										
Parking Lot Replacement										
Playground Engineered Wood Fiber Replenishment (District-Wide)										
Roof Replacement - Main Building (Engineering / Installation)			*							
Roof Replacement & Solar Panels - Cold Storage (Engineering / Installation)			*							
Tennis Court Repairs			*							
Trash Receptacle & Bench Replacement	28	0	15,500	12,000	74,000	104,000	20,000	19,000	0	
Tuckpointing (545 Academy Drive)	28	13,500	235,000	165,000						
<b>SUBTOTAL</b>		<b>305,750</b>	<b>281,500</b>	<b>337,000</b>	<b>90,500</b>	<b>116,000</b>	<b>43,500</b>	<b>219,000</b>	<b>1,327,000</b>	
<b>PARKS MAINTENANCE</b>										
<b>Vehicle &amp; Equipment Replacement</b>										
<b>Aerator</b>										
2006 John Deere Aercore 1500 (4230) *to be replaced in conjunction with 6120		*								*
<b>Ball Field Groomer</b>										
2010 Synthetic Turf Groomer (4690)										
2013 Gravely Ball Field Groomer (4890)										
2016 ABI Force (4920)										
2015 ABI Force (4922)										
<b>Ice Equipment</b>										
2013 Olympian Ice Resurfacer / Battery (4010)										
1998 Olympian Ice Resurfacer / Propane (4020)										
<b>Man Lift</b>										
Skyjack Scissor Lift (4880)										
<b>Pressure Washer</b>										
2010 K-Ban Mobile Pressure Washer (5090)										
<b>Rough Mower</b>										
2006 Toro Groundsmaster 4500-D (4031)										
2016 Toro 40" Grandstand Mower (4510)										
2002 Kubota 60" Zero-Turn Diesel Mower (4670)										
<b>Sprayer</b>										
2007 Toro Multi-Pro Sprayer (4310)										
<b>Tractor</b>										
2001 Bobcat 773 Skidsteer (5050)										
2001 Bobcat 60" Bucket Attachment (5056)										
1997 Kubota M5400 (5010)										
<b>Trailer</b>										
1996 Kubota B2100 Tractor (5222) (Utility Cart)	29	24,500								
2007 Bix Tex 20' Utility Trailer (5230)										
<b>Utility Vehicle</b>										
1995 Club Car Carryall Utility Cart (4040)										
<b>Vehicle</b>										
2009 GMC 4WD 2500-Plow Truck (3020)										
2008 GMC 4WD 2500-Utility Body Plow Truck (3030)										
2005 GMC 2WD 2500-Truck w/Lift Gate (3040)										
2005 Chevy 2500 Pick-Up Truck (3050)										
2001 Ford F550 Bucket Truck (3080)										

LOCATION / PROJECT	Page #	2020	2021	2022	2023	2024	2025	2026	2027	Anticipated Year
2010 GMC 4WD 2500 Utility Body Plow Truck (3090)								50,000		*
2006 GMC C6500 Dump Truck (3110)										*
2011 Ford F450 4x4 Dump Truck (3120)										*
2003 Chevy C4500 Mini Dump Truck (3140)										
2008 Chevy 2500 HD 4WD - Plow Truck (6030)								60,750 46,000		
2000 GMC 2WD 1500 Truck (3200)										
2001 GMC 2WD 1500 Truck (3230)										
<b>Watering Equipment</b>										
2011 Kiteco Water Cannon (4170)										
<b>SUBTOTAL</b>		110,750	52,500	76,000	103,500	197,000	348,000	197,500	85,250	
<b>SALCEDA PARK</b>										
Playground Design / Replacement										2032
<b>SUBTOTAL</b>		0	0	0	0	0	0	0	0	
<b>NORTHBROOK SPORTS CENTER</b>										
Additional Ice Surface (Studio or Full Sheet)										
A-Rink Show System-Lighting										
A-Rink Show System-Sound										
B-Rink Corridor Door Swing Correction										
B-Rink Show System-Sound										
Community Room Panic Hardware										
Emergency Generator Replacement										
Evaporative Condenser & Ancillary Mechanics (Engineering / Installation)										
Additional Generator (Based on Expansion of Rink Space)										
Front Office / Vestibule Door Enclosure Construction Documents & Installation										
HVAC / Boiler Replacement (A-Rink)										
HVAC / Dehumidifier Refurbishment (A & B Rinks)										
HVAC / RTU Replacements										
Parking Lot Replacement-South & West Lots (Engineering / Installation)										
Rink Floor, Ceiling & Beam Painting (A & B Rinks)										
Roof Replacement / Re-Skin Exterior of A & B Rinks										
Scoreboard Replacement (A & B Rinks)										
Smoke Detection Installation in Storage Rooms										
South Boundary Fence Replacement										
West Parking Lot Lighting Upgrades										
<b>SUBTOTAL</b>		300,000	5,296,500	95,000	0	135,000	0	0	0	
<b>NORTHBROOK SPORTS CENTER POOL</b>										
HVAC / Pool Boiler Replacement (2)										
Pool Equipment (Filters, Pumps, Motors, etc.)										
<b>SUBTOTAL</b>		0	0	0	0	0	0	0	0	
<b>STONEGATE PARK</b>										
Lighting Upgrade										
Parking Lot Replacement / Repairs										
Pathway Replacement										
Playground Design / Replacement										
Roof Replacement / Shelter										
Shelter Replacement										
Tennis (Pickleball) Court Replacement										
<b>SUBTOTAL</b>		118,000	23,500	525,500	0	7,500	0	0	0	
<b>GOLF OPERATIONS</b>										
<b>Sportsman's Country Club</b>										
Cart Path Replacement										
Classic 18 Irrigation Pump										
Emergency Generator Replacement (Engineering / Installation)										
Fence Replacement										
Golf Ball Dispenser										
<b>SUBTOTAL</b>										
										2029

<b>LOCATION / PROJECT</b>	<b>Page #</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Anticipated Year</b>
Golf Master Plan Implementation (Demolition & Planning)	32	6,650,000	4,500,000							
Irrigation System Replacement										
Parking Lot Replacement										
Range Netting Repair & Replacement	*									
Roof Replacement / Hallway House (See Manager's Account)	*									
Shelter Replacement										
Tree Removal & Replacements	*									
Well Pump Replacement (included in Golf Master Plan Implementation)										
<b>CLUBHOUSE</b>										
<b>GOLF MAINTENANCE BUILDING</b>										
Fence Replacement										
HVAC - Furnace Replacement										
HVAC / Condensing Unit Replacement										
Parking Lot Lighting										
Parking Lot / Access Drive (2" Grind & Replace)										
Roof Replacement										
<b>SUBTOTAL</b>		6,650,000	4,510,000	99,500	0	10,000	0	10,000	0	
<b>GOLF OPERATIONS</b>										
<b>Vehicles &amp; Equipment Replacement</b>										
<b>Aerator</b>										
Aerway Greens Express 60" (6140)										
2006 John Deere Core Pulverizer (6130)										
2008 Procore 648 Aerator (6090)										
2008 Procore 880 Aerator (6100) *to be replaced in conjunction with 6120					*					
2006 Procore 648 Aerator (6110)										
2002 Veritirain Deep Tine Aerator (6120)										
2017 Toro Pro Pass 200 (6170)										
2006 Turfco CR-10 Topdresser (6180)										
<b>Blower</b>										
2012 Buffalo Cyclone Turbine Blower (9080)										
2017 Buffalo Turbine Tow Blower (9050)										
<b>Bunker Rake</b>										
2012 Toro 2020 Sand Pro (8100)										
2003 Toro 3020 Sand Pro Bunker Rake (8110)										
2011 Toro 2020 Sand Pro (8140)										
2011 Toro 2020 Sand Pro (8180)										
<b>Fairway Mower</b>										
2017 Toro 3555 Reelmaster (7190)										
2015 Toro 5210 Reelmaster (7570)										
2015 Toro 5210 Reelmaster (7590)										
<b>Green / Tee Mower</b>										
2017 Toro Greensmaster 3300 (7010)										
2010 John Deere 2500B E-Cut Triplex (7060)										
2011 John Deere 2500 E-Cut Triplex (7090)										
2017 Toro Greensmaster 2120 (7200)										
2017 Toro Greensmaster 2120 (7210)										
2017 Toro Greensmaster 2120 (7220)										
2017 Toro Greensmaster 2120 (7230)										
2017 Toro Greensmaster 2120 (7240)										
2017 Toro Greensmaster 2120 (7250)										
2014 Toro Groundsmaster 3300 (7040)										
2014 Toro Groundsmaster 3300 (7050)										
2010 Toro Flex 21' W/B Greensmower (7280)										
2010 Toro Flex 21' W/B Greensmower (7290)										
<b>Roller</b>										
1992 Brouwer Turf Roller TR224 (5610)										
2011 Tru-Turf Greensroller (6220)										
2011 Tru-Turf Greensroller (6220)										

LOCATION / PROJECT	Page #	2020	2021	2022	2023	2024	2025	2026	2027	Anticipated Year
<b>Rough / Bank Mower</b>										
2018 Toro Groundsmaster 7200 (7530)										2033
2009 Toro 150" Groundsmaster 4700-D (7540)										2029
2013 Toro Groundsmaster 4500-D (7560)										2032
2016 Toro Sidewinder 3500-D (7700)										2030
2010 Toro 3100-D Reelmaster (7710)										
2014 Toro Sidewinder 3500-D (7720)										
<b>Sand Silo</b>										
Sand Silo 2000-Friesen 12075C										
<b>Spreader/Sprayer</b>										
2008 Turfco Triwave Overseeder (6190)										
2007 Toro Multipro 5700-D 300 Gallon Sprayer (8150)										
Vicon Spreader										
<b>Tractor</b>										
1999 John Deere 1070 Tractor (7380)										
2010 John Deere 84520 Tractor (8010)										
2004 Bobcat S-250 Skid Steer (8020)										
<b>Trailer</b>										
1989 18' Richland Trailer (8510)										
<b>Utility Vehicle</b>										
2013 Club Car Carryall (6460)										
2010 Club Car Turf II (6600)										
2015 Driving Range Picker (6601)										
2007 John Deere TX Turf Gator (6330)										
2005 John Deere Gator TX (6350)										
2006 John Deere TX Turf Gator (6360)										
2006 John Deere TX Turf Gator (6370)										
2008 John Deere E Gator (6380)										
2006 John Deere TX Turf Gator (6390)										
2012 John Deere E Gator (6450)										
2014 John Deere Gator (6460)										
2014 John Deere Gator (6570)										
2007 Toro Workman (6430)										
2007 Toro Workman (6440)										
2012 Toro Workman (6510)										
<b>SUBTOTAL</b>		44,000	128,750	249,000	281,750	87,400	175,250	202,500	291,760	
<b>ANETSBERGER GOLF COURSE</b>										
Course Amenities										
HVAC / Heat Pump Replacement							16,000			
Irrigation / Pump Station Replacement							70,000			
Pathway Replacement										
Roof Replacement / Techny Prairie Center										2031
<b>SUBTOTAL</b>		0	86,000	0	0	0	0	0	0	
<b>TECHNY PRAIRIE PARK &amp; FIELDS</b>										
Activity Center Planning & Construction		33	9,000,000	50,000						
Asphalt / Concrete Repairs										
Backstop Netting Replacement										
Backstop, Sideline and Outfield Fence Replacement										
Batting Cage Netting Replacement										
Batting Cage Pitching Machine Replacement										
Bridge Replacement										
Goal Replacement										
HVAC / Furnace Replacement / Warming Shelter										
Interpretive Map Signage (Manager's Account)					*					
Irrigation System Replacement										
Marquee Sign Refurbishment / Replacement										
Master Plan Review / Update										
Parking Lot Replacement (NW Parking Lot & Anets Drive)										
Pathway Replacement										
Park Lighting Upgrades (Parking Lot, Sled Hill, Ball Field #27, 28, & 29)										
Playground Design / Replacement										
Scoreboard Replacement (#26, 27, 28, 29, Turf Fields)										
Synthetic Turf Replacement										
Warming Shelter Roof Replacement										
<b>SUBTOTAL</b>		9,018,000	460,000	297,750	730,000	0	0	0	0	

LOCATION / PROJECT	Page #	2020	2021	2022	2023	2024	2025	2026	2027	Anticipated Year
<b>TOWER RINK</b>										
Lighting Replacement										
<b>SUBTOTAL</b>		0	0	0	0	0	0	0	0	2059/2034
<b>VILLAGE GREEN PARK AND CENTER</b>										
Backstop, Sideline and Outfield Fence Replacement										
Ball Field Netting Replacement										
Emergency Generator Replacement (Engineering / Installation)										
HVAC / Boiler Replacement										
HVAC / RTU Replacement (with Roof Replacement)					120,000					2036
Parking Lot & Pathway Lighting Upgrade										2033
Parking Lot Replacement										2035
Pathways - Asphalt Resurfacing										2029
Playground Design / Replacement										
Roof Replacement / VG Center (Shingle Roof - 2023)										
Roof Replacement / VG Pavilion										
Roof Replacement / VG Gazebo										
Scoreboard Replacement (Field #1)										
<b>SUBTOTAL</b>		82,000	575,500	0	177,000	0	0	13,750	0	
<b>WESCOTT PARK</b>										
Backstop and Sideline Fence Replacement										
Pathway Replacement										
Playground Design / Replacement (School to Purchase Equipment)										
<b>SUBTOTAL</b>		35	18,000		35,000	408,500	0	0	0	2031
<b>WEST PARK</b>										
1710 Park Development (Planning & Installation)										
Backstop, Sideline and Outfield Fence Replacement										
Master Plan Review / Update (including the West Pathway Extension)										
Parking Lot Replacement										
Pathway Replacement										
Playground Design / Replacement										
Roof Replacement (Tennis Shed)										
Tennis Court Replacement										
West Park Drainage Improvement										
<b>SUBTOTAL</b>		0	63,500	608,000	330,500	0	3,000	0	0	
<b>WILLIAMSBURG SQUARE PARK</b>										
Backstop and Sideline Fence Replacement										
Basketball Court Replacement										
Pathway Replacement / Bleacher Pad										
Perimeter Fence Replacement										
Playground Design / Replacement										
Tennis Court Replacement										
<b>SUBTOTAL</b>		0	312,000	0	23,250	273,500	0	0	0	

LOCATION / PROJECT	Page #	2020	2021	2022	2023	2024	2025	2026	2027	Anticipated Year
<b>WOOD OAKS GREEN PARK</b>										
Bollard Replacement				*						2036/2023
Bridge Replacement										
Entrance Drive / Culvert Reconstruction										
Fence Replacement / Repair										
HVAC Replacement (Heat Pump / Air Handler)	35	16,000								2029
Master Plan Review / Update										
Parking Lot Replacement				*	120,000	23,500	4,651,750			
Pathway Replacement				*	250,000					
Playground Design / Replacement										
Practice Court										
Roof Replacement (Tennis Building)										
Shoreline Stabilization / Street Piling Replacement	36	361,000	541,000	584,000						2036
Tennis Court Replacement										
Tennis Hut Bathroom Remodel										
<b>SUBTOTAL</b>		377,000	541,000	954,000	0	23,500	4,651,750	31,000	0	
<b>PROJECTS UNDER \$10,000</b>		50,500								
<b>Funds 47 and 48</b>										
<b>Total Carry-Over Projects</b>										
Total without Carry-Over Projects and 47 and 48 Funds		4,492,820								
<b>GRAND TOTAL (without Carry-Over)</b>		18,278,000	15,395,250	8,074,250	2,865,000	1,258,400	5,680,250	957,250	1,871,010	
* Denotes anticipated year of improvement.										

# Project Description Worksheets

**Division:** Administration  
**Location:** Joe Doud Administration Building  
**Project Title:** Administrative Office

**Project ID:** ADMIN-01

This project will create a new office space with built-in office furniture at the Administration building for staff. The existing space is comprised of file drawers for accounts payable that have been moved to another office location.

Project Allocation
2020
\$13,000



**Division:** Administration  
**Location:** Districtwide  
**Project Title:** Computer Software Upgrade

**Project ID:** ADMIN-02

In 2020 there will be software updates for servers and a new Human Resources (HRIS) software.

Project Allocation
2020
\$125,000



**Division:** Administration  
**Location:** Districtwide  
**Project Title:** Personal Computer Equipment Migration

**Project ID:** ADMIN-03

The IT Department maintains more than 200 personal computers, laptops, phones and printers. To ensure that equipment meets current and future needs, along with the desire to normalize cost, the District has adopted an industry standard life-cycle of 7-8 years for PCs and 6-7 years for laptops. Printer life-cycle is based on number of copies printed. In 2020, the IT Department anticipates replacing 14 PCs/laptops. No printers will be replaced in 2020.

Project Allocation
2020
\$20,000



**Division:** Parks & Properties  
**Location:** Greenfield Park  
**Project Title:** Greenfield Park Pathway Design / Construction

**Project ID:** GNF-01

In 2020, the District will complete design, permitting and engineering work (including Plat of Survey, Boundary Survey, and Topographic Survey) and construction of Phase 1 of the pathway system at Greenfield Park for \$133,000. The pathway will create an accessible route to the two ballfields east of Helen Drive.

Project Allocation
2020
See ADA Project



**Division:** Recreation  
**Location:** Leisure Center  
**Project Title:** Theatre Projection Equipment

**Project ID:** LC-01

This is the replacement of two (2) projectors and lenses. The equipment is utilized for most District productions, occasionally for Northbrook-On-Ice, several rental groups, and in-house presentations to produce images for scenery and create depth to productions. The current projectors were purchased in 2010 and have incurred repairs totaling \$3,300 (with an estimated \$2,000 in additional work anticipated). As these units age, parts are harder to find and the reliability of the equipment is reduced. Recently one of the projectors failed in the middle of "Newsies" resulting in only one projector for the remainder of the show. The new projectors would have laser technology which has longer lamp life than the current equipment. The current lenses are not compatible with the new technology and are included in the project.

Project Allocation
2020
\$32,000



**Division:** Recreation  
**Location:** Meadowhill Aquatic Center  
**Project Title:** HVAC / Pool Heater Replacements

**Project ID:** MAC-01

This project is the replacement of the three pool water heaters at Meadowhill Aquatic Center. The heaters were installed in 2004, have reached their expected life cycle of fifteen years, and have incurred repairs totaling more than \$4,200 since 2017. They are operationally unreliable.

Project Allocation
2020
\$104,500



**Division:** Recreation **Project ID:** MAC-02  
**Location:** Meadowhill Aquatic Center and Northbrook Sports Center Pool  
**Project Title:** Pool Deck Furniture Replacement

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This project is the replacement of 40 pool deck lounge chairs and 10 dining chairs at Meadowhill Aquatic Center and Sports Center Pool. 20 lounge chairs and 5 dining chairs will be replaced at each pool.

Project Allocation
2020
\$10,000



**Division:** Parks & Properties **Project ID:** MHP-01  
**Location:** Meadowhill Park  
**Project Title:** Comprehensive Master Plan

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This project implements the Facility Assessment recommendations of the 2017 Comprehensive Master Plan which will include the demolition of the Outdoor Education Center and the Climbing Tower, and the installation of an accessible pathway to the existing basketball and hockey courts.

In 2021, work will include the conversion of the Chalet building into an open-air shelter with accessible restrooms and improved park signage.

Project Allocation			
2018	2019	2020	2021
\$75,000	\$655,000	\$68,000	\$1,452,000
Total Project Budget = \$2,250,000			

Outdoor Education  
Center/Climbing Tower Demo                    \$60,000  
Pathway to basketball and  
hockey courts                                        \$8,000



**Division:** Parks & Properties  
**Location:** Meadowhill Park  
**Project Title:** Playground Design / Replacement

**Project ID:** MHP-02

Meadowhill Park playground was originally installed in 1996 and is now 23 years old. The rubber surfacing is peeling and the equipment has required touchup painting multiple times. Planning will begin in 2020 for the anticipated replacement of the playground in 2021.

Project Allocation	
2020	2021
\$15,000	\$195,000



**Division:** Parks & Properties  
**Location:** Oaklane Park  
**Project Title:** Oaklane Park Redevelopment

**Project ID:** OAK-01

With the amenities at Oaklane Park either approaching or exceeding 20 years of age, the District surveyed the neighborhood residents and conducted an open house on the renovation of this park. Concept plans were also shared with the Board of Commissioners to develop the proposed project. The District will apply for an OSLAD Grant for this project in 2020, with anticipated construction dependent on grant approval.

Project Allocation	
2020	2021
\$38,500	\$600,000



**Division:** Parks & Properties  
**Location:** Districtwide (Various Locations)  
**Project Title:** Americans with Disabilities Act (ADA) Facility Requirements

**Project ID:** ADA-01

This project consists of ADA facility requirements at the new Activity Center, the new pathway at Greenfield Park, and the new clubhouse at Sportsman's Country Club.

Project Allocation	
2020	
\$778,000	

Activity Center	\$545,000
Greenfield Park Pathway	\$133,000
Sportsman's County Club	\$100,000



**Division:** Parks & Properties  
**Location:** Districtwide (Various Locations)  
**Project Title:** Asphalt Sealcoating & Repairs

**Project ID:** PARKS-01

The asphalt projects include crack filling, sealcoating and any repairs to the paths and bleacher pads at Meadowhill Park, the new path and sections of the parking lot at Northbrook Sports Center, the south lot of Techny Prairie Park and Fields, Village Green Park parking lot, and West Park pathways.

Project Allocation	
2020	
\$34,250	

MHP Pathways (8') & Bleacher Pads (4)	\$5,500
Sports Center (N staff lot, N & E lot, Ent)	\$12,750
TPPF (South parking lot)	\$9,500
Village Green Park (parking lot)	\$4,500
West Park	\$2,000



**Division:** Parks & Properties  
**Location:** Greenvie Park & Meadowhill Park  
**Project Title:** Basketball Court Repairs

**Project ID:** PARKS-02

The basketball court at Greenvie Park is 12 years old and experiencing color coat cracking and peeling. This project will include cleaning, grinding the asphalt smooth and applying three applications of acrylic resurfacer to fill surface cracks, ARMOR patching for asphalt cracking, color coating and line stripes. The court at Meadowhill Park was originally installed in 1994 and is experiencing asphalt cracking and color coat deterioration. The repairs will be similar to Greenvie Park. The poles and backboards will also be replaced to provide more space at the baseline.

Project Allocation	
2020	
\$18,500	

Greenvie Park                            \$5,500  
Meadowhill Park                        \$13,000



**Division:** Parks & Properties  
**Location:** Joe Doud Administration Building  
**Project Title:** Emergency Generator Engineering / Replacement

**Project ID:** PARKS-03

The emergency generator at the Joe Doud Administration Building was installed in 1996 and has exceeded the projected life expectancy of 15-20 years. This unit will be evaluated in 2020. The emergency generator provides backup to electricity and to the districtwide computer network system during a power failure. The automatic transfer switch that controls the generator would also be replaced at the same time. The planning for the Leisure Center is complete and this unit will be replaced at the same time as the one at the Administration Building in 2021.

Project Allocation	
2020	2021
\$4,500	\$93,500



**Division:** Parks & Properties  
**Location:** Districtwide  
**Project Title:** Trash Receptacle & Bench Replacement

**Project ID:** PARKS-04

This project will replace aging benches and trash cans in the District. The new benches and trash cans will be upgraded to match the style at other District parks with benches having a blank name plate space available for donation plaques.

Project Allocation
2020
\$13,500



**Division:** Parks & Properties  
**Location:** Joe Doud Administration Building  
**Project Title:** Tuckpointing

**Project ID:** PARKS-05

This project will involve the tuckpointing and sealing of the entire exterior of the Joe Doud Administration Building. The building is beginning to experience interior efflorescence on the brick masonry block as moisture penetrates between the layers. Phase I will include tuckpointing the north and east side of the building. Phase II will complete the south and west sides.

Project Allocation	
2020	2021
\$235,000	\$165,000



**Division:** Parks & Properties                            **Project ID:** P-VE-01  
**Location:** Joe Doud Administration Building  
**Project Title:** Vehicle & Equipment Replacements

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The Toro GM7210 with a 72" rear discharge deck will be used for in-house mowing and will replace the 2002 Kubota Z-Turn. The new Toro GM7210 will be a more efficient and versatile mower as it will accept a 72 inch or 60 inch deck. The GM7210 operating speed will increase the number of acres that can be mown from 4.19 acres/hour to either 6.82 or 8.18 acres/hour. The new unit will provide a dedicated mulch kit. This will be purchased through OMNIA Partners (formerly US Communities and National IPA).

Project Allocation
2020
\$30,000



**Division:** Parks & Properties                            **Project ID:** P-VE-02  
**Location:** Joe Doud Administration Building  
**Project Title:** Vehicle & Equipment Replacements

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The Toro Workman HDX Auto will replace the 1996 Kubota B2100 Tractor used to pull the synthetic field groomer. This utility cart will provide the Parks department with a more versatile piece of equipment for multiple tasks and projects. This will be purchased through OMNIA Partners (formerly US Communities and National IPA).

Project Allocation
2020
\$24,500



**Division:** Parks & Properties  
**Location:** Joe Doud Administration Building  
**Project Title:** Vehicle & Equipment Replacements

**Project ID:** P-VE-03

This new Ford Transit 250 High Roof Cargo Van would replace the District's 2001 GMC 1500 Pick Up Truck (#3230) which currently has 84,640 miles and is used to collect garbage on a daily basis. The Trades 1500 Pick Up Truck (#3200) will be reassigned as the garbage truck for the grounds department. The new vehicle has the ability to tow heavier equipment which is not possible with the current #3230 and will provide efficiencies for staff with greater tool storage for projects. This project is a replacement of one vehicle and does not add to the District's overall vehicle count.

Project Allocation	
2020	
\$56,250	



Current #3230



Proposed #3230

**Division:** Recreation  
**Location:** Northbrook Sports Center  
**Project Title:** Northbrook Sports Center Engineering / Replacements

**Project ID:** SC-01

In 2020, the District will begin the planning and engineering phase of the roof, ice mechanical equipment and rooftop unit replacements, emergency generator replacement, and painting and lighting at the Northbrook Sports Center.

Project Allocation	
2020	2021
\$265,000	\$4,846,500

#### 2021 Breakdown

Emergency Generator	\$300,000
Evaporative Condenser & Ice Mechanicals	\$928,500
HVAC/RTU Replacements	\$1,000,000
Painting Rink Floors, Ceiling & Beams	\$288,000
Roof Replacement/Exterior Skin	\$2,250,000
Smoke Detection Installation	\$40,000
West Parking Lot Lighting Upgrade	\$40,000



**Division:** Parks & Properties  
**Location:** Northbrook Sports Center  
**Project Title:** Parking Lot – Asphalt Repairs

**Project ID:** SC-02

This asphalt project involves the reconstruction of the south and west parking lots at Northbrook Sports Center after the construction project and the impact of heavy equipment on these areas. The engineering will occur in 2020 with project completion in 2021.

Project Allocation	
2020	2021
\$35,000	\$450,000



**Division:** Parks & Properties  
**Location:** Stonegate Park  
**Project Title:** Parking Lot – Asphalt Repairs

**Project ID:** STO-01

The Stonegate Park asphalt project involves the reconstruction of the parking lot, including the base material. There are sections of the parking lot that have sunk, sections of large cracking and deterioration of the curb. Cores have been taken to determine current compaction and conditions under the asphalt.

Project Allocation	
2020	
\$118,000	

#### Paving & Lighting Fund

Engineering                          \$28,500  
Construction                        \$89,500



**Division:** Golf Operations  
**Location:** Sportsman's Country Club  
**Project Title:** Golf Master Plan Implementation

**Project ID:** GOLF-01

The District has been evaluating multiple options during the past two years. In 2019, the District began working on the renovation plans with the team of RATIO Architects, Inc., Gewalt Hamilton Associates, Inc. and Jacobson Golf Course Design, Inc. The construction will begin in 2020.

Project Allocation			
2018	2019	2020	2021
\$350,000	\$1,250,000	\$6,650,000	\$4,500,000
Total Project Budget = \$12,750,000			



**Division:** Golf Operations  
**Location:** Sportsman's Country Club & Parks & Properties  
**Project Title:** Vehicle & Equipment Replacements

**Project ID:** G-VE-01

This new Wiedenmann Terra Spike XF6 will be used to aerate greens, tees and fairways at Anetsberger Golf Course, Sportsman's Country Club, athletic fields, and Village Green in the Parks Division. This unit will deep tine, pencil deep tine and pull cores up to 8 inches deep. The Terra Spike will do what currently requires three pieces of equipment. It will replace the 2006 Toro 880 Aerator, the 2002 Vertidrain 7316, and the Parks 2006 John Deere Aercore 1500.

Project Allocation
2020
\$44,000



**Division:** Recreation  
**Location:** Techny Prairie Park and Fields  
**Project Title:** Activity Center Planning & Construction

**Project ID:** TPPF-01

Construction has begun for the facility that will consist of fitness studios, cardio and strength area, gym, indoor running/walking track, stretching area, locker rooms, multipurpose room, child care and office space. Construction began in July 2019, with completion targeted for late 2020 or early 2021.

Project Allocation			
2018	2019	2020	2021
\$250,000	\$6,700,000	\$9,000,000	\$50,000
Total Project Budget = \$16,000,000			



**Division:** Recreation  
**Location:** Techny Prairie Park and Fields  
**Project Title:** Marquee Sign Refurbishment

**Project ID:** TPPF-02

This project will include the refurbishment of the current marquee sign and updated software. Parts for the current sign are no longer available.

Project Allocation	
2020	
	\$18,000



**Division:** Parks & Properties  
**Location:** Village Green Park  
**Project Title:** Parking Lot & Pathway Lighting Upgrade

**Project ID:** VG-01

This project includes the replacement of the pathway, parking lot and exterior building lighting in Village Green Park and on the Village Green Center and Pavilion with new energy efficient LED inserts or fixtures. The replacement would be completed by in-house staff.

Project Allocation
2020
\$35,000



**Division:** Parks & Properties  
**Location:** Village Green Park  
**Project Title:** Playground Design / Replacement

**Project ID:** VG-02

Village Green Park playground was originally installed in 2003 and is nearing the end of its 15 to 20 year life-cycle. Planning will begin in 2020 for the anticipated replacement of the playground in 2021.

Project Allocation	
2020	2021
\$47,000	\$553,000



**Division:** Parks & Properties  
**Location:** Wescott Park  
**Project Title:** Playground Renovation

**Project ID:** WES-01

This project will include the removal of the Infinity Loop and See Saw Snake, replacing them with an Inclusive Spinner and Balance Beam/Stepping Stones. Northbrook School District 30 will pay for the equipment and the Northbrook Park District will pay for installation.

Project Allocation
2020
\$18,000



**Division:** Parks & Properties  
**Location:** Wood Oaks Green Park  
**Project Title:** Fence Replacement

**Project ID:** WOG-01

This project will include repairs to the existing fence around the storage facility at Wood Oaks Green Park. Removal and replacement will include the double width gate and any damaged structural supports by a contractor and the pickets will be installed by in-house staff.

Project Allocation
2020
\$16,000



**Division:** Parks & Properties  
**Location:** Wood Oaks Green Park  
**Project Title:** Shoreline Stabilization / Sheet Piling Replacement

**Project ID:** WOG-02

This item includes the engineering plans to correct slope issues affecting the integrity of the seawall at Wood Oaks Green Park. The plan will include a mixture of gradually sloped naturalized areas and the use of Rosetta Stone blocks and cap stones to create retaining walls. Once completed, the sheet piling will be replaced per the recommendations of the civil engineer and it will be phased over three years.

Project Allocation		
2020	2021	2022
\$361,000	\$541,000	\$584,000



# Manager's Account Worksheets

Projects under \$10,000

## MANAGER'S ACCOUNT

<b>CAPITAL IMPROVEMENT PLAN 2020</b>			
<b>PROJECTS UNDER \$10,000</b> (Manager's Account)	<b>Page #</b>	<b>ID</b>	<b>Budget</b> (FY 2020)
<b>RECREATION</b>			
Leisure Center - Floor Scrubber Replacement	39	LC-02	\$8,750
Leisure Center - Kiln Replacement	39	LC-03	\$6,750
Meadowhill Aquatic Center - Funbrella Replacement (2)	40	MAC-03	\$6,000
Meadowhill Aquatic Center - Window Replacement	40	MAC-04	\$6,000
<b>TOTAL RECREATION</b>			<b>\$27,500</b>
<b>PARKS AND PROPERTIES</b>			
Administration - Building Air Compressor	41	PARKS-06	\$7,500
TPPF - Interactive Map Signage	42	TPPF-03	\$6,000
<b>TOTAL PARKS &amp; PROPERTIES</b>			<b>\$13,500</b>
<b>GOLF OPERATIONS</b>			
SCC - Halfway House Roof Replacement	41	GOLF-02	\$9,500
<b>TOTAL GOLF OPERATIONS</b>			<b>\$9,500</b>
<b>GRAND TOTAL</b>			<b>\$50,500</b>

**Division:** Recreation  
**Location:** Leisure Center  
**Project Title:** Floor Scrubber Replacement

**Project ID:** LC-02

This is the replacement of the floor scrubber housed at the Leisure Center. The current unit was purchased in 1996 and it currently does not work. The new unit would be smaller, making it easier to transport to other recreational facilities, expanding its use beyond the Leisure Center to assist with additional cleaning tasks.

Project Allocation
2020
\$8,750



**Division:** Recreation  
**Location:** Leisure Center  
**Project Title:** Kiln Replacement

**Project ID:** LC-03

This is the replacement of the Cone 5 Kiln at the Leisure Center with an industrial grade Cone 10 Kiln to match the other unit. This unit is at the end of its life cycle and is not a commercial grade unit. The unit has required approximately \$700 in repairs, with an estimated additional \$900 anticipated. The replacement unit would allow staff the option to low or high fire the unit, as the current unit is able to low fire only, restricting its use.

Project Allocation
2020
\$6,750



**Division:** Recreation  
**Location:** Meadowhill Aquatic Center  
**Project Title:** Funbrella Shade Fabric Replacement

**Project ID:** MAC-03

This project would be to replace two Funbrellas (yellow and blue, that have holes and torn seams that cannot be repaired anymore) to provide shade to patrons on the pool decks at Meadowhill Aquatic Center.

Project Allocation
2020
\$6,000



**Division:** Recreation  
**Location:** Meadowhill Aquatic Center  
**Project Title:** Window Replacement

**Project ID:** MAC-04

This project is the replacement of the windows in the pool managers office and guard break room. They have deteriorating frames and do not operate properly, such as needing hooks to manually lock the windows.

Project Allocation
2020
\$6,000



<b>Division:</b>	Golf Operations	<b>Project ID:</b>	GOLF-02
<b>Location:</b>	Halfway House – Sportsman's Country Club		
<b>Project Title:</b>	Roof Replacement		

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This project will replace the existing shingle roof at the Halfway House on the 18-hole course at Sportsman's Country Club. This building will not be changed during the renovation to the cart barn, clubhouse and practice range buildings.

Project Allocation
2020
\$9,500



<b>Division:</b>	Parks & Properties	<b>Project ID:</b>	PARKS-06
<b>Location:</b>	Joe Doud Administration Building		
<b>Project Title:</b>	Building Air Compressor		

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The current Champion VR5-8 air compressor is 25 years old and parts to repair the unit are not available or are difficult to find. The new compressor will have an air dryer system to pull moisture from the air which will help reduce the wear and tear on air tools, and an automatic tank release to purge water from the tank.

Project Allocation
2020
\$7,500



**Division:** Parks & Properties  
**Location:** Techny Prairie Park and Fields  
**Project Title:** Interactive Map Signage

**Project ID:** TPPF-03

This project includes the addition of one new sign and the updating of the four interactive signs at Techny Prairie Park and Fields to coincide with the new trail marking system installed in 2019.

Project Allocation
2020
\$6,000



# Appendix

**APPENDIX A**  
**Golf Fleet Inventory**

Equipment	Equip #	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
<b>Aerating Equipment</b>					
Procore 648 Aerator	6090		2008	12	2022
Procore 880 Aerator	6100		2006	15	2020
Procore 648 Aerator	6110		2006	12	2022
Vertidrain Deep Tine Aerator	6120		2002	16	2020
John Deere Core Pulverizer	6130		2006	12	Evaluate 2020
Aerway Greens Express 60"	6140		2004	20	2025
Turfco Metermatic III Topdresser	6160		1993	15	Not Replacing
Toro Pro Pass 200	6170	\$9,562	2017	9	2027
Turfco CR-10 Material Handler	6180		2006	15	2023
Planet Air	6230		2012	15	2028
Groom-It Hydraulic Drag Broom	6200		2009	10	Replace as needed-operations
<b>Backpack Blower</b>					
Stihl Backpack Blower BR600	9700	\$360	2017	8	Replace as needed-operations
Stihl Backpack Blower BR600	9710	\$360	2017	8	Replace as needed-operations
Kawasaki KRB750B Backpack Blower	9720		2009	8	Replace as needed-operations
Kawasaki KRB750B Backpack Blower	9730		2009	8	Replace as needed-operations
Kawasaki KRB750B Backpack Blower	9750		2009	8	Replace as needed-operations
Kawasaki KRB750B Backpack Blower	9760		2009	8	Replace as needed-operations
Stihl BR600 Backpack Blower	9770		2016	8	Replace as needed-operations
Stihl Backpack Blower BR600	9780	\$360	2017	8	Replace as needed-operations
RedMax EBZ8500RH Backpack Blower	9790		2012	8	Replace as needed-operations
RedMax EBZ8500RH Backpack Blower	9795		2012	8	Replace as needed-operations
<b>Ball mark repair tools</b>					
Greens Keeper 27200 20 Units \$100 each	9405				Replace as needed-operations
<b>Blower</b>					
Billy Goat Force W/B Blower	9020		2006	8	Not Replacing
Billy Goat Force W/B Blower	9030		2007	8	Not Replacing
Buffalo Turbine Tow Blower	9050	\$6,666	2017	8	2025
Buffalo Turbine Tow Blower	9070	\$6,666	2017	8	2025
Buffalo Cyclone Turbine Blower	9080		2012	8	Evaluate 2021
<b>Bunker Rake</b>					
Toro 2020 Sand Pro	8100		2012	15	2028
Toro 3040 Sand Pro	8110	\$20,745	2019	15	2034
Toro 2020 Sand Pro	8140		2010	15	2026
Toro 2020 Sand Pro	8180		2011	15	2027
<b>Chainsaw</b>					
Stihl MS290 Chainsaw	9350		2009	15	Replace as needed-operations
Stihl MS290 Chainsaw	9351	\$335	2017	15	Replace as needed-operations
Stihl 192TC Chainsaw	9352		2011	15	Replace as needed-operations
Stihl HT131 Pole Chainsaw	9353		2011	15	Replace as needed-operations
Stihl 441CM Chainsaw	9354		2014	15	Replace as needed-operations
<b>Construction Roller</b>					
Brouwer Turf Roller TR224	5610		1992	30	Not Replacing
<b>Drill</b>					
Echo EDR260 Engine Drill	9414		2015	10	Replace as needed-operations
Echo EDR260 Engine Drill	9415		2011	10	Replace as needed-operations

**APPENDIX A**  
**Golf Fleet Inventory**

Equipment	Equip #	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
Edger					
Echo BDR280 Edger	9410		2010	8	Replace as needed-operations
Fairway Mower					
John Deere 7500 Fairway Mower	7180		2008	10	Not Replacing
Toro Reelmaster 3555	7190	\$54,586	2017	10	2027
Toro Reelmaster 5210	7570		2012	10	2023
Toro Reelmaster 5210	7590		2013	10	2024
Generator					
2017 Honda EU2000i Generator	9200	\$999	2017	10	Replace as needed-operations
Golf Cars					
Golf Cars (92)	10001-10092	\$355,314	2018	10	2028
Clubcar Precedent 4 Fun	10093	w/fleet purchase	2018	10	2028
Clubcar Precedent 4 Fun	10094	w/fleet purchase	2018	10	2028
Clubcar Villager Bus	10095	w/fleet purchase	2018	10	2028
Clubcar Precedent-Electric	10096	w/fleet purchase	2018	10	2028
Clubcar Precedent-Electric	10097	w/fleet purchase	2018	10	2028
Clubcar Precedent-Electric	10098	w/fleet purchase	2018	10	2028
ADA Golf Cart	10010		2001	10	Replace as needed
Green/Tee Mower					
Toro Greensmaster 3300	7010	\$37,497	2017	10	2027
John Deere Greensmower 2500A	7020		2006	10	Replace as needed
Toro Greensmaster 3300	7040		2014	10	2025
Toro Greensmaster 3300	7050		2014	10	2025
John Deere E-Cut Tri-Plex 2500	7060		2010	10	Evaluate 2021
Toro Triflex 3300	7080	\$39,714	2018	10	2028
John Deere E-Cut Tri-Plex 2500	7090		2011	10	2022
Toro Greensmaster 2120	7200	\$12,718	2017	10	2027
Toro Greensmaster 2120	7210	\$12,718	2017	10	2027
Toro Greensmaster 2120	7220	\$12,718	2017	10	2027
Toro Greensmaster 2120	7230	\$12,718	2017	10	2027
Toro Greensmaster 2120	7240	\$12,718	2017	10	2027
Toro Greensmaster 2120	7250	\$12,718	2017	10	2027
Toro Flex 21" W/B Greensmower	7280		2010	10	Replace as needed
Toro Flex 21" W/B Greensmower	7290		2010	10	Replace as needed
Greens Brush	6240		2012	7	Replace as needed-operations
Misc. Equipment					
20 Ton Log Splitter	5600		2009	20	2030
Bobcat SB200-78" Snowblower	8021		2007	15	2023
Hotsy 400psi Pressure Washer	9802	\$1,700	2017	10	Replace as needed-operations
Sand Silo			Pre-2000	20	2021
Pump					
Honda GX240 3" Trash Pump	7800		2011	15	Replace as needed-operations
Honda GX160 2" Trash Pump	7801		2009	15	Replace as needed-operations
Honda WT20x 2" Trash Pump	7802		2005	15	Replace as needed-operations
Porta Pump	9403		2012	8	Replace as needed-operations
Roller					
Tru-Turf Greensroller	6210		2011	10	Evaluate 2022
Tru-Turf Greensroller	6220		2011	10	Evaluate 2022
Gandy Push Roller	9330		2005	10	Not Replacing

**APPENDIX A**  
**Golf Fleet Inventory**

Equipment	Equip #	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
Rough					
Toro 21" Mower	7350	\$470	2019	5	Replace as needed-operations
Toro 21" Mower	7351	\$465	2017	5	Replace as needed-operations
Rough/Bank Mower					
Toro Groundsmaster 7200	7530	\$19,382	2018	15	2033
Toro Groundsmaster 4700-D	7540		2009	15	2025
Toro Groundsmaster 4500-D	7560		2013	15	2029
Toro Sidewinder 3500-D	7700		2016	15	2032
Toro Reelmaster 3100-D	7710		2010	15	2026
Toro Sidewinder 3500-D	7720		2014	15	2030
Toro Sidewinder 3500-D	7730		2007	15	2023
Small Utility Trailer					
John Deere 22B WWBGM Trailer	8590		1996	20	Replace as needed-operations
Broyhill Silhouette II Trailer	8600		1996	20	Replace as needed-operations
Broyhill Silhouette II Trailer	8610		1996	20	Replace as needed-operations
Broyhill Silhouette I Trailer	8620		1996	20	Replace as needed-operations
Homemade Trailer	8630		1996	20	Replace as needed-operations
Snow Thrower					
Toro Power Clear 621ZR Snow Thrower	8890		2011	10	Replace as needed-operations
Sod Cutter					
Ryan Jr. Sod Cutter	7680		2004	15	Replace as needed-operations
Spreader/Sprayer					
Turfco Triwave	6190		2008	15	2024
Toro Multipro 5800-G 300 gal. Sprayer	8150		2016	7	2024
Toro Multipro 5800G	8160	\$49,688	2017	8	2025
Lesco 50 gal. Sprayer	9340		2009	10	Replace as needed-operations
Vicon Spreader	8170		2005	20	2026
String Trimmer					
Echo SRM266S	9411		2013	8	Replace as needed-operations
Echo SRM266S	9412		2013	8	Replace as needed-operations
2019 Stihl String Trimmer (FS111R)	9413	\$302	2019	8	Replace as needed-operations
Stihl Line Trimmer FS111R	9490	\$276	2017	8	Replace as needed-operations
Kawasaki KGT35A-A1 Trimmer	9500		2009	8	Replace as needed-operations
Kawasaki KGT35A-A1 Trimmer	9510		2009	8	Replace as needed-operations
Kawasaki KGT35B-A1 Trimmer	9520		2009	8	Replace as needed-operations
Kawasaki KGT27A-A1 Trimmer	9560		2009	8	Replace as needed-operations
2018 Stihl String Trimmer (FS111R)	9570	\$295	2018	8	Replace as needed-operations
Kawasaki KGT27B-A1 Trimmer	9580		2009	8	Replace as needed-operations
Tiller					
Honda Roto Tiller	9310		2014	15	Replace as needed-operations
Trailer					
18' Richland Trailer	8510		1999	25	2025
18' Trailer	8520		2011	25	2037
Provost P-510 Dump Trailer	8530		1995	20	Replace as needed
Provost P-516/3S Dump Trailer	8580		2008	20	Replace as needed
Toro Transpro Trailer	8540		2010	20	Replace as needed
Toro Transpro Trailer	8550		2010	20	Replace as needed
Toro Transpro Trailer	8560		2011	20	Replace as needed
Toro Transpro Trailer	8570		2011	20	Replace as needed

**APPENDIX A**  
**Golf Fleet Inventory**

Equipment	Equip #	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
Trimmer					
Kawasaki Hedge Trimmer	9420		2008	8	Replace as needed-operations
RedMax GZ23N16 Hedge Trimmer	9421		2013	8	Replace as needed-operations
RedMax SGCZ2460S Reciprocator	9422		2016	8	Replace as needed-operations
RedMax SGCZ2460S Reciprocator	9423		2016	8	Replace as needed-operations
Stihl FS240 Brush Cutter	9430		2015	8	Replace as needed-operations
Trucks/Tractors					
John Deere 1070 Tractor	7380		1999	20	Evaluate 2020
John Deere 4520 Tractor	8010		2010	20	2031
Bobcat S-250 Skid Steer	8020		2004	15	Evaluate 2020
Ditch Witch 2310	8500		1987	20	Replace as needed
Utility Vehicles					
Club Car Carryall 500	6300	\$8,698	2018	15	2033
John Deere TX Turf Gator	6310		2013	15	2029
Cushman Truckster	6320		2001	15	Evaluate annually
John Deere Turf Gator	6330		2007	15	2023
Toro Workman HDX	6340	\$22,282	2017	15	2032
John Deere Turf Gator	6350		2005	15	2022
John Deere Turf Gator	6360		2006	15	2022
John Deere Turf Gator	6370		2006	15	2022
John Deere Electric Gator	6380		2011	8	Evaluate 2020
John Deere Turf Gator	6390		2007	15	2023
John Deere TX Turf Gator	6400		2013	15	2029
Clubcar Precedent-Electric	6420		2011	10	2022
Toro Workman 2110	6430		2006	15	2022
Toro Workman 2110	6440		2006	15	2022
John Deere Electric Gator	6450		2011	8	Evaluate 2020
Club Car Electric CarryAll II	6460		2011	8	Evaluate 2020
John Deere TX Turf Gator	6470		2013	15	2029
John Deere TX Turf Gator	6490		2013	15	2029
John Deere TX Turf Gator	6500		2013	15	2029
Toro Workman 3200	6510		2006	15	2022
Club Car Turf I Carryall	6530		2000	15	Evaluate annually
John Deere Turf Gator	6560		2008	15	2024
John Deere Turf Gator	6570		2009	15	2025
Club Car Carryall 500	6580	\$8,698	2018	15	2033
Yamaha - Beverage Cart	6595		2007	15	2023
Club Car Turf II	6600		2010	15	2026
Driving Range Picker	6601		2015	10	2026
Club Car Carryall 500	6610	\$8,698	2018	15	2033

**APPENDIX B**  
**Parks Fleet Inventory**

Equipment	Equip #	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
<b>Aerating Equipment</b>					
John Deere Aercore 1500	4230		2006	20	2020
2013 Aero Vator	4700		2013	15	2028
2013 Seeder Attachment To Aero Vator	4705		2013	15	2028
2001 Landpride 48" Overseeder	4800		2001	15	Evaluate annually
<b>Air Compressor</b>					
2004 Ingersoll Rand 185CFM Air Compressor	5080		2010	20	2030
<b>Auger</b>					
1993 Ground Hog 2-Man Auger	4150		1993	25	Replace as needed-operations
<b>Ball Field Groomer</b>					
1996 Bannerman D/M Dresser	4660		1996	25	Not Replacing
2010 Synthetic Turf Field Groom All	4690		2010	10	Evaluate annually
2013 Gravely Base Runner	4890	\$13,615	2013	12	2026
2016 ABI Force	4920	\$16,180	2016	12	2029
2015 ABI Force	4922	\$13,615	2015	12	2028
<b>Blower</b>					
2009 Echo PB-500 Backpack Blower	5301		2009	8	Replace as needed-operations
2010 Kawasaki KRB750A Backpack Blower	5302		2010	8	Replace as needed-operations
2010 Kawasaki KRB750A Backpack Blower	5303		2010	8	Replace as needed-operations
2012 Kawasaki KRB750A Backpack Blower	5304	\$390	2012	8	Replace as needed-operations
2014 Kawasaki KRB750B Backpack Blower	5305	\$408	2014	8	Replace as needed-operations
2015 Stihl BR600 Backpack Blower	5306	\$360	2015	8	Replace as needed-operations
2010 Kawasaki KRB750A Backpack Blower	5307		2010	8	Replace as needed-operations
2015 Stihl BR600 Backpack Blower	5308	\$360	2015	8	Replace as needed-operations
2017 Stihl BR600 Backpack Blower	5309	\$360	2017	8	Replace as needed-operations
2009 Stihl BR500 Backpack Blower	5310		2009	8	Replace as needed-operations
2017 Stihl BR600 Backpack Blower	5311	\$360	2017	8	Replace as needed-operations
2015 Stihl BR600 Backpack Blower	5312	\$360	2015	8	Replace as needed-operations
1998 Little Wonder Walk Blower	5325		1998	8	Replace as needed-operations
2001 Giant Blo Walk Blower	5327		2001	8	Replace as needed-operations
2001 Little Wonder Walk Blower	5328		2001	8	Not Replacing
1993 Giant Vac Walk Blower	5329		1993	8	Not Replacing
2017 Buffalo Turbine Tow Blower	5313	\$6,666	2017	8	Replace as needed-operations
2019 Stihl Vacuum/Shredder	5314	\$225	2019	8	Replace as needed-operations
<b>Chainsaw</b>					
2011 Stihl MS441 Chainsaw	4730		2011	15	Replace as needed-operations
2015 Stihl MS251 Chainsaw	4750	\$261	2015	15	Replace as needed-operations
2011 Stihl MS260 Chainsaw	4760		2011	15	Replace as needed-operations
2009 Husqvarna 14" Topper Chainsaw	4771		2009	15	Replace as needed-operations
2018 Stihl HT-133 Pole Chainsaw	4780	\$490	2018	15	Replace as needed-operations
1997 Stihl MS250 Chainsaw	4791		1997	15	Replace as needed-operations
<b>Edger</b>					
2014 Little Wonder Bed Edger	4460	\$560	2014	5	Replace as needed-operations
2010 Bed Edger	4461		2010	5	Replace as needed-operations
2014 Little Wonder Bed Edger	4462	\$560	2014	5	Replace as needed-operations
2010 McLane Edger	4463		2010	15	Replace as needed-operations
<b>Fork Lift</b>					
2010 Toyota 5,000# Fork Lift	5210	\$18,900	2010	20	2031
<b>Generator</b>					
2015 Briggs & Stratton 5000 Watt Generator	4270	\$725	2015	15	Replace as needed-operations
2008 Honda EU1000I Generator	4271		2008	20	Replace as needed-operations
2009 Briggs & Stratton 5000 Watt Generator	4272		2009	20	Replace as needed-operations
2008 Honda EB5000X Generator	4273		2008	20	Replace as needed-operations
<b>Ice Resurfacer</b>					
1998 Olympian Ice Resurfacer	4020		1998	20	2025
2013 Olympian Ice Resurfacer	4010		2013	20	2033

**APPENDIX B**  
**Parks Fleet Inventory**

Equipment	Equip #	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
<b>Line Painter</b>					
2014 Graco Field Laser \$100	4850	\$1,995	2014	8	Replace as needed-operations
2017 Graco LineLazer Painter	4860	\$3,850	2017	8	Replace as needed-operations
2014 Graco Field Laser \$100	4870	\$1,995	2014	8	Replace as needed-operations
<b>Man Lift</b>					
SkyJack SJ-III-4632	4880	\$19,000	2018	25	2033
<b>Miscellaneous</b>					
1970 MG Cement Mixer	4180		1979	20	Not Replacing
Wacker Stake Pounder	4581		2010	15	Replace as needed-operations
2010 Bobcat SG60 Stump Grinder Attachment	5051		2010	25	Replace as needed-operations
2019 Wacker Tamper/Compactor	4580	\$1,785	2019	20	Replace as needed-operations
2007 Stihl TS700 Concrete Saw	4740		2007	12	Replace as needed-operations
2008 RedMax Reciprocator	4551		2008	8	Replace as needed-operations
2001 Belson Tow Behind Grill	2100		2001	20	Replace as needed-operations
<b>Pressure Washer</b>					
2016 Hotsy Pressure Washer - Wash Bay	4320	\$8,645	2016	15	2032
1989 Mi-T-M Pressure Washer (Pools)	4655		1989	15	Replace as needed-operations
2010 K-Bar Mobile Pressure Washer/Trailer	5090		2010	15	2026
<b>Roller</b>					
1991 Brutus AR5 Roller	4470		1991	25	Evaluate annually
1976 Layton 3 Ton Roller	4560		1976	15	Not Replacing
<b>Rough Mower</b>					
2006 Toro Groundmaster 4500-D	4031		2006	20	2026
2016 Toro 40" Grandstand Mower	4510	\$6,875	2016	10	2026
2015 Toro 21" Trim Mower	4511	\$1,055	2015	5	Replace as needed-operations
2002 Kubota KA424 60" Zero Turn Mower	4670	\$5,500	2002	15	2020
2017 Bobcat Walk Mower 36" Hydro	4680	\$4,853	2017	15	2033
2015 Befco Hurricane Flail Mower	4695	\$3,100	2015	15	2031
2017 Land Pride 11' Tow Behind Rotary Mower	4685	\$13,355	2016	15	2032
2001 Bushhog 11' Mulcher	4790		2001	15	Not Replacing
<b>Snow Removal</b>					
2008 Toro Power Clear Snow Thrower	4930		2008	10	Replace as needed-operations
2008 Toro Power Clear Snow Thrower (SC)	4931		2008	10	Replace as needed-operations
2012 Toro Power Clear 621QZR Snow Thrower (LC)	4932	\$510	2012	10	Replace as needed-operations
2004 Toro CCR2450 Snow Thrower	4933		2004	10	Replace as needed-operations
2008 Toro 828LXE Snow Thrower	4934		2008	10	Replace as needed-operations
2011 Toro 1028OXE Snow Thrower	4935	\$1,325	2011	10	Replace as needed-operations
2008 Toro Power Clear Snow Thrower	4940		2008	10	Replace as needed-operations
2008 Toro 1028LXE Snow Thrower	4950		2008	10	Replace as needed-operations
2015 Toro Power Clear 721QZR Snow Thrower	4960	\$535	2015	10	Replace as needed-operations
2015 Toro Power Clear 721QZR Snow Thrower	4970	\$535	2015	10	Replace as needed-operations
2015 Toro Power Clear 721QZR Snow Thrower	4980	\$535	2015	10	Replace as needed-operations
2015 Toro Power Max 1028HXE Snow Thrower	4985	\$1,420	2015	10	Replace as needed-operations
2015 Toro Power Max 1028HXE Snow Thrower	4990	\$1,420	2015	10	Replace as needed-operations
2001 Bobcat Snow Thrower Attachment	5052		2001	25	Replace as needed-operations
2009 Bobcat 60" Angle Broom Attachment	5055		2009	25	2034
2015 Kubota V Plow for Asset #5251	5252	\$2,730	2015	8	Replace as needed-operations
2015 Kubota 60" Brush for Asset #5251	5253	\$3,549	2015	8	Replace as needed-operations
<b>Sod Cutter</b>					
1984 Ryan Sod Cutter	4464		1984	25	Not Replacing
2000 Ryan Sod Cutter	4465		2000	25	Replace as needed-operations
<b>Sprayer</b>					
2007 Toro Multi Pro 5700-D Sprayer	4310		2007	15	2023
2018 Broadcast Liquid Sprayer	4606	\$470	2018	8	2026

**APPENDIX B**  
**Parks Fleet Inventory**

Equipment	Equip #	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
<b>Spreader</b>					
Gandy Drop Spreader	4600		2010	15	Replace as needed-operations
Round Earthway 100# Spreader S.S.	4601		2012	10	Replace as needed-operations
Square Earthway 50# Spreader S.S.	4602		2012	10	Replace as needed-operations
Snow Ex SD-95 Drop Spreader	4603	\$715	2014	10	Replace as needed-operations
6 Gallon Push Liquid Spreader	4604	\$840	2014	8	Replace as needed-operations
Chapin 80# Salt Spreader (Total 6 )	4605		2014	5	Replace as needed-operations
SnowEx SP-6000 1 Cubic Yard Salt Spreader	5053		2012	25	2037
Saltydogg 92420SSA Truck Mounted Salt Spreader	5057		2012	20	2032
2016 Lely Spreader 3 Point Hitch	5200	\$3,595	2016	15	2031
2015 Snow Ex Drop Spreader for Asset #5251	5254	\$2,465	2015	8	2023
<b>Tiller</b>					
1972 Howard 3-Pt Roto Tiller	4220		1972	20	Not Replacing
1991 Troy Built Work Horse Tiller	4450		1991	20	Replace as needed-operations
2010 Stihl MM 55 Tiller	4611	\$359	2010	10	Replace as needed-operations
<b>Tractor</b>					
1997 Kubota M5400 Tractor	5010		1997	25	2023
2002 Kubota M5700 Tractor	5020		2002	25	2028
2010 Case 580SM Combo Tractor Backhoe	5030		2010	25	2036
2008 Kubota M7040HDC Tractor Loader	5040		2008	25	2034
2001 Bobcat 773 Skidsteer	5050		2001	25	2027
2001 Bobcat 60" Bucket Attachment	5056		2001	25	2027
1996 Kubota B2100 Tractor	5222		1996	20	2020
<b>Trailer</b>					
Special Events Trailer (Snow Fence Trailer)	5150		1971	30	Not Replacing
2010 Townmaster T-10 Tilt Trailer	5160		2010	20	2030
2015 Bravo Enclosed Trailer	5180	\$6,871	2015	20	2035
2007 Big Tex 20' Utility Trailer	5230		2007	20	2027
2008 Haulmark Enclosed Trailer	5240		2008	20	2028
1990 Giant Vac Trailer Vac	4440		1990	25	Not Replacing
<b>Trash Pump</b>					
2015 Koshin 3" Trash Pump	4350	\$1,481	2015	15	Replace as needed-operations
Echo WP1000 Trash Pump	4365	\$407	2010	8	Replace as needed-operations
2017 Koshin 3-inch Trash Pump	4380	\$1,419	2017	15	Replace as needed-operations
2017 Koshin 2-inch Trash Pump	4480	\$1,173	2017	15	Replace as needed-operations
2012 Porta Pump	4535	\$230	2012	8	Replace as needed-operations
<b>Trimmer</b>					
1999 Stihl FS450K Brush Cutter	4160		1999	25	Replace as needed-operations
2017 RedMax Reciprocator	4550	\$590	2017	8	Replace as needed-operations
2014 Kawasaki Hedge Trimmer	4900	\$300	2014	8	Replace as needed-operations
2010 Kawasaki KHT750S Hedge Trimmer	4901		2010	8	Replace as needed-operations
2012 Echo Shaft Hedge Trimmer	4902	\$420	2012	8	Replace as needed-operations
2012 Kawasaki KGT27C-4A Trimmer	5400	\$230	2012	8	Replace as needed-operations
2012 Kawasaki KGT27C-4A Trimmer	5401	\$230	2012	8	Replace as needed-operations
2010 Kawasaki Trimmer	5402		2010	8	Replace as needed-operations
2010 Kawasaki Trimmer	5403		2010	8	Replace as needed-operations
2012 Kawasaki KGT27C-4A Trimmer	5404	\$230	2012	8	Replace as needed-operations
2009 Stihl FS110 Trimmer	5405		2009	8	Replace as needed-operations
2009 Stihl FS110R Trimmer	5406		2009	8	Replace as needed-operations
<b>Utility Cart</b>					
1995 Club Car	4040		1995	25	Evaluate annually
2012 Toro Workman MD (used 2015)	4045	\$6,000	2012	25	2038
2015 Kubota RTV X1100C	5251	\$32,630	2015	8	2024

**APPENDIX B**  
**Parks Fleet Inventory**

Equipment	Equip #	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
<b>Vehicle</b>					
2012 Ford Edge	1010	\$18,980	2012	20	2033
2007 Chevy 1500	2020	\$9,546	2007	20	2028
2010 Ford Transit	2030	\$14,900	2010	20	2031
2010 Ford Transit	2040	\$14,900	2010	20	2031
2010 Ford Transit	3010	\$16,700	2010	20	2031
2009 GMC 2500 4x4 Pick Up Truck	3020	\$18,812	2009	15	2025
2008 GMC 2500 4x4 Utility Body	3030	\$18,200	2008	15	2024
2005 GMC 2500 Lift Gate Pick Up Truck	3040	\$10,865	2005	20	2026
2005 Chevy 2500 Pick Up Truck	3050	\$11,396	2005	20	2026
2012 Ford F250 Super Duty 4x4 Utility Body	3060	\$35,670	2012	15	2028
2013 Ford Transit	3070	\$17,576	2013	20	2034
2001 Ford F550 Bucket Truck	3080		2001	20	2022
2010 GMC 2500 4x4 Utility Body	3090	\$27,875	2010	15	2026
2010 Ford Transit	3100	\$14,900	2010	20	2031
2006 GMC C6500 Dump Truck	3110	\$44,214	2006	20	2027
2011 Ford F450 4x4 Dump Truck	3120	\$59,599	2011	15	2027
2007 Chevy Express 3500 Cube Van	3130	\$20,591	2007	20	2028
2003 Chevy 4500 Dump Truck	3140		2003	20	2024
2009 Chevy 2500 Pick Up Truck	3150	\$22,000	2009	20	2030
2014 GMC 3500 4x4 Pick Up Truck	3180	\$21,914	2014	15	2030
2010 Toyota Prius	3190		2010	20	2031
2000 GMC 1500 Pick Up Truck	3200	\$12,031	2000	20	Evaluate annually
2008 GMC 2500 Crew Cab Pick Up Truck	3210	\$16,830	2008	20	2029
2009 Chevy 2500 Lift Gate Pick Up Truck	3220	\$16,500	2009	20	2030
2001 GMC 1500 Pick Up Truck	3230	\$15,755	2001	20	2020
2015 GMC 1500 Pick Up Truck	3240	\$19,278	2015	20	2036
2008 Chevy 2500 Crew Cab Pick Up Truck	3250	\$20,064	2008	20	2029
2012 Ford F250 Super Duty 4x4 Pick Up Truck	6020	\$31,579	2012	15	2028
2008 Chevy 2500 4x4 Lift Gate Pick Up Truck	6030	\$21,384	2008	15	2024
<b>Watering Equipment</b>					
2014 Kifco E-110 Water Canon	4171	\$4,031	2014	10	2024
1994 Continental 300 Gal Sprayer	4300		1994	20	Not Replacing
2008 Honda WH20X Trash Pump - Water Truck	4360		2008	15	2023
2013 925 Gallon Water Tank	5054		2013	25	2038
2011 Kifco T-200 Water Canon	4170	\$10,284	2011	10	2022
<b>Wood Chipper</b>					
2010 Morbark M-15R Chipper	5070	\$37,699	2010	20	2031

**APPENDIX C**

**Playground Inventory**

Site	Original Cost	Current Installation	Average Life Cycle	Date of Anticipated Replacement*	Anticipated Cost of Replacement	Manufacturer
Cedar Lane Tot Lot	\$115,000	2004	15-25 years	2023	\$238,500	Park Structures
Countryside Park	\$114,500	2001	15-25 years	2025	\$335,000	Miracle
Crestwood Park	\$170,000	2013	15-25 years	2033	\$335,000	Landscape Structures
Floral Drive	\$160,000	2010	15-25 years	2035	\$350,500	Landscape Structures
Greenfield Park	\$105,000	2003	15-25 years	2028	\$211,500	Miracle
Greenview Park	\$118,000	2007	15-25 years	2031	\$215,000	Landscape Structures
Indian Ridge Park	\$285,000	2010	15-25 years	2034	\$353,500	Landscape Structures
Meadow Road Tot Lot	\$155,000	2009	15-25 years	2026	\$136,500	Little Tykes
Meadowhill Park	Unknown	1996	15-25 years	2021	\$195,000	Landscape Structures
Oaklane Park	\$126,700	1999	15-25 years	2021	\$235,000	Miracle
Salceda North Park	\$170,000	2008	15-25 years	2032	\$237,000	Landscape Structures
Stonegate Park	\$155,000	1999	15-25 years	2022	\$275,500	Landscape Structures
Techny Prairie Park and Fields	\$124,000	2006	15-25 years	2029	\$333,500	Landscape Structures
Village Green Park	\$256,000	2003	15-25 years	2021	\$553,000	Miracle
Wescott Park**	\$210,000	2005	15-25 years	TBD	\$408,500	Little Tykes
West Park	\$153,000	2005	15-25 years	2030	\$330,500	Landscape Structures
Williamsburg Square Park	\$124,000	1999	15-25 years	2024	\$273,500	Landscape Structures
Woods Oaks Green Park	\$275,000	2008	15-25 years	2027	\$362,500	Little Tykes

\*Date of anticipated replacement is based on various factors including: age, condition, usage, etc.

\*\*Partnership with School District 31. Replacement based on intergovernmental agreement.

**APPENDIX D**

**Hard Court/Surface Inventory  
Basketball/Bocce/Tennis/Velodrome**

<b>Site</b>	<b>Original Cost</b>	<b>Current Installation</b>	<b>Life Cycle</b>	<b>Date of Anticipated Replacement</b>
<b>Basketball</b>				
Cedar Lane Tot Lot		2004	20	2021
Countryside Park		2001	20	2022
Floral Park		2010	20	2030
Greenfield Park		2003	20	2022
Greenview Park		2007	20	2027
Indian Ridge Park		pre-1996	20	2022*
Meadow Road Tot Lot		2009	20	2029
Meadowhill Park		1994	20	Per Master Plan
Williamsburg Park		1992	20	2021
<b>Bocce</b>				
Indian Ridge Park		2016	30	2047
<b>Hockey/In-Line Skating</b>				
Meadowhill Park		2015	20	2035
<b>Tennis</b>				
Crestwood Park		2013	20	2033
Oaklane Park		Pre-1999	20	2021
Stonegate Park (Pickleball)		2019	20	2039
West Park		2009	20	2029
Williamsburg Park		1992	20	2021
Wood Oaks Green Park		2016	20	2036
Wood Oaks Green Park (Practice Court)		Pre-1999	20	2036
<b>Velodrome</b>				
Bike Track		2004	20	2024

\* Evaluate asphalt for potential grind

Recommended maintenance after a new 3" asphalt lift/new court installed

1st year - New asphalt

4th year - Clean court, fill cracks

7th year - Clean court, fill cracks

9th year - Color coat, 100' of Armor patch

11th year - Clean court, fill cracks

15th year - Clean court, fill cracks

17th year - Color coat, 200' of Armor patch

20th year - New asphalt

## APPENDIX E

### Lighting Systems Inventory Parking Lots/Pathways/Sportsfields

Lifecycle Recommendations:	Ballfield Metal Poles = 40 years	Wooden Poles = 50 years	Concrete Poles= 40 year	Fixtures = 25 years	LED = 35 years
Site	Original Cost	Current Installation	Life Cycle	Date of Anticipated Replacement	
Academy Drive			Poles/Fixtures	Poles/Fixtures	
Parking Lot		2012/2012	40/35	2052/2047	
Bollards	\$960	2010/2010		Evaluate 2025	
Countryside Park					
Security Light		1955/1955	40/25	Evaluate 2020	
Greenfield Park					
Security Light		1965/2012	40/25	Evaluate 2020	
Greenview Park					
Security Light	On Shelter	2006	25	2021	
Leisure Center					
Parking Lot		1994	40/25	2034/2021	
Meadowhill Park					
MHP Parking Lot	Fixtures only \$28,112	1998/2017	40/25	2038/2042	
MAC Pool Deck		1998/1988	40/25	2038/2023	
MHP-Velodrome		2005/2005	40/25	2045/2030	
MHP-Soccer Field		2005/2005	40/25	2045/2030	
MHP-Basketball		1960/1960	40/25	Master Plan	
MHP-Hockey		1960/1960	40/25	Master Plan	
Ball Field #2 (Fixtures Only)		1993	25	Master Plan	
Northbrook Sports Center					
Pool Deck		2017	25	2042	
Bollards & Flag Pole Lights	\$39,986	2015/2015	40/35	2055/2050	
North + East Parking Lot (P15-P22)	\$14,581	1999/2015	40/35	2039/2050	
South + West Parking Lot (P1-P14)	\$10,726	1999/2015	40/35	2039/2050	
Sportsman's Country Club					
Driving Range (Fixtures Only)		2010	25	2035	
Golf Course Parking				Master Plan	
Golf Maintenance Parking		2006/2006	40/25	2046/2031	
Stonegate Park					
Parking Lot		1999/1999	40/25	2021/2021	
Bollards		1999/1999	40/25	2021/2021	
Techny Prairie Park & Fields					
Soccer Field/Sports Turf		2006/2006	40/25	2046/2031	
Skate Park		2006/2006	40/25	2046/2031	
Batting Cages		2006/2006	40/25	2046/2031	
North Parking Lot		2006/2006	40/25	2046/2031	
Bollards-Basin Pathway		2000/2000	40/25	2040/2025	
South Parking Lot		1994/1994	40/25	2034/2023	
Sled Hill		1994/1994	40/25	2034/2023	
Ball Field #26		2006/2006	40/25	2046/2031	
Ball Field #27		1994/1994	40/25	2034/2023	
Ball Field #28		1994/1994	40/25	2034/2023	
Ball Field #29		1994/1994	40/25	2034/2023	
Tower Rink					
Sports Field	\$53,975	2009/2009	50/25	2059/2034	
Village Green Park					
Ball Field #1		1999/1999	40/25	2039/2024	
Parking Lot		1995/1995	40/25	2035/2020	
Pathway		1995/1995	40/25	2035/2020	
Centennial Fountain		2012	25	2027	
Wood Oaks Green Park					
Parking		1998/2016	40/35	2038/2051	
Pathway		1998/2016	40/35	2038/2051	
Bollards		1998/1998	40/25	2038/2023	

## APPENDIX F

### Heating, Ventilation, Air Conditioning and Refrigeration Inventory

Life Cycle Recommendations by

American Society of Heating, Refrigerating Engineers

Site	Original Cost	Current Installation	Life Cycle	Date of Anticipated Replacement
Academy Drive				
A/C Roof Top Unit	\$98,706	2016	15	2031
A/C Computer Server Room		2011	15	2026
Roof Top Unit for Vehicle Bay #1		1994	15	Replace as needed
Roof Top Unit for Vehicle Bay #2		1994	15	Replace as needed
Boiler #1 (Cast Iron)		1994	35	2029
Boiler #2 (Cast Iron)		1994	35	2029
Boiler Circulation Pumps (3)		1994	20	Replace as needed
In-Floor Heat for Wash Bay		1994		Replaced valve 2017
Ice Machine		2014	20	2034
Overhead Reznor Heaters (26)		1994	21	Replace as needed
Emergency Generator		1999	20	2021
Leisure Center				
A/C Unit-Basement		2012	15	2027
Rooftop Unit #1		2012	15	2027
Rooftop Unit #2		2012	15	2027
Rooftop Unit #3		2012	15	2027
Rooftop Unit #4		2012	15	2027
Rooftop Unit #5		2012	15	2027
Rooftop Unit #6		2012	15	2027
Rooftop Unit #8		2012	15	2027
Rooftop Unit #9		2012	15	2027
Make Up Air Unit #1		2012	15	2027
Electric Heater		2012	15	2027
Boiler #1 (Cast Iron)		2012	35	2047
Boiler #2 (Cast Iron)		2012	35	2047
Boiler Pump & Motor #1		2012	10	2022
Boiler Pump & Motor #2		2012	10	2022
Circulating Pump & Motor #3		2012	10	2022
Circulating Pump & Motor #4		2012	10	2022
VFD Pump #3		2012	15	2027
VFD Pump #4		2012	15	2027
Water Heater		2009	11	Evaluate 2021
Water Heater Pump & Motor		2009	11	Evaluate 2021
Fan Control Unit #1		1990	20	Replace as needed
Fan Control Unit #2		1990	20	Replace as needed
Fan Control Unit #3		1990	20	Replace as needed
Fan Control Unit #4		1990	20	Replace as needed
Fan Control Unit #5		1990	20	Replace as needed
Fan Control Unit #6		1990	20	Replace as needed
Fan Control Unit #7		1990	20	Replace as needed
Fan Control Unit #8		1990	20	Replace as needed
Fan Control Unit #19		1990	20	Replace as needed
Fan Control Unit #20		1990	20	Replace as needed
Fan Control Unit #21		1990	20	Replace as needed
Emergency Generator		1994	20	2021
1 Door Freezer-Kitchen		Pre-1999	15	Replace as needed
2 Door Refrigerator-Kitchen		Pre-1999	11	Replace as needed
Freezer/Refrigerator-Kitchen		2015	11	2026
Ice Machine-Kitchen		2012	20	2032
Freezer/Refrigerator-Staff Lounge		Pre-1999	11	Replace as needed
Refrigerator-Theatre Concessions		Pre-1999	11	Replace as needed

**APPENDIX F**

**Heating, Ventilation, Air Conditioning and Refrigeration Inventory**

Life Cycle Recommendations by

American Society of Heating, Refrigerating Engineers

Site	Original Cost	Current Installation	Life Cycle	Date of Anticipated Replacement
<b>Meadowhill Aquatic Center</b>				
A/C Fan Coil-Concessions		2015	15	2030
A/C Condenser-Concessions		2015	15	2030
Ice Machine-Concessions		2015	20	2035
Freezer-Double Door		Pre-1999	15	Replace as needed
Pool Heater-Lap/Dive Well		2004	15	2020
Pool Heater-Children's Pool		2004	15	2020
Pool Heater-Slide Splash Pool		2004	15	2020
Furnace-East Storage		2006	18	2024
Furnace-Water Heater Room		2006	18	2024
Hot Water Heater #1		2010	20	2030
Hot Water Heater #2		2010	20	2030
Hot Water Heater #3		2011	20	2031
Hot Water Heater #4		2011	20	2031
Overhead Reznor Heater-Filter Room		2008	21	2029
Overhead Reznor Heater-East Storage		2008	21	2029
<b>Outdoor Education Center</b>				
Gas Furnace		2006	18	Demolition 2020
<b>Northbrook Sports Center</b>				
Dehumidifier #1 - A Rink		1999/2018-refurb	18-20	2021
Dehumidifier #2 - B Rink		1999/2018-refurb	18-20	2021
Rooftop Unit #1	\$47,565	2018	15	2033
Rooftop Unit #2	w/RTU1	2018	15	2033
Rooftop Unit #3	\$27,700	2016	15	2031
Rooftop Unit #4		1999	15	2021
Rooftop Unit #5		1999	15	2021
Rooftop Unit #6	\$32,000	2016	15	2031
Rooftop Unit #7		1999	15	2021
Rooftop Unit #8		1999	15	2021
Rooftop Unit #9		1999	15	2021
Rooftop Unit #10	\$18,495	2017	15	2032
Rooftop Unit #11	\$16,965	2012	15	2028
Make Up Air Unit #2		1999	15	2021
Make Up Air Unit #3		1999	15	2021
Emergency Generator		1999	20	2021
<b>A-Rink</b>				
Make Up Air Unit #1		1999	15	2021
Wall Unit Heater #1		Pre-1999	13	2021
Wall Unit Heater #2		Pre-1999	13	2021
Heating Coil-Community Room		1999	15	2021
Circulating Pump #03	\$141,667	2017	20	2037
Circulating Pump #04	With above	2017	20	2037
Boiler #1 (Water-tube)	With above	2017	24	2041
Boiler #2 (Water-tube)	With above	2017	24	2041
Hot Water Storage Tanks (2) (w/Heat Exchanger)	With above	2017	24	2041
<b>B-Rink</b>				
Hot Water Heater (03)(Water-tube)	\$86,475	2016	24	2040
Hot Water Heater (04)(Water-tube)	With above	2016	24	2040
Hot Water Storage Tank (01)	With above	2016	24	2040
Hot Water Storage Tank (02)	With above	2016	24	2040
Circulation Pump #07	With above	2016	10	2026
Mark AirDoor		1999	21	Replace as needed

**APPENDIX F**

**Heating, Ventilation, Air Conditioning and Refrigeration Inventory**

Life Cycle Recommendations by

American Society of Heating, Refrigerating Engineers

Site	Original Cost	Current Installation	Life Cycle	Date of Anticipated Replacement
<b>Concessions</b>				
3-Door Refrigerator		Pre-1999	11	Replace as needed
2-Door Condiment Refrigerator		Pre-1999	11	Replace as needed
2-Door Freezer		Pre-1999	15	Replace as needed
Ice Machine		2014	20	2034
<b>Mechanical Room - Ice Equipment</b>				
Evaporative Condenser (Cooling Tower)		1999	20-25	2021
Pump for Evaporative Condenser		1999	20-25	2021
Compressor #01		1999	20	2021*
Compressor #02		1999	20	2021*
Compressor #03		2004	20	2024
Compressor Motor #01		1999	20	2021*
Compressor Motor #02		1999	20	2021*
Compressor Motor #03		2004	20	2024
Sub-Floor Pump		1999	20	2021*
Snowmelt Pump		1999	20	2021*
Glycol Pump A		1999	20	2021*
Glycol Pump B		1999	20	2021*
Glycol Pump C		2004	20	2024
Evaporator (Chiller)		1999	20	2021*
Receiver		1999	20	2021*
Variable Frequency Drive Controls		2014	20	2034
(*2021 Sports Center Comprehensive Replacement)				
<b>Sports Center Pool</b>				
Boiler-Leisure Pool & Recirculation Pump		2017	15	2032
Boiler-Dive Pool & Recirculation Pump		2017	15	2032
<b>Sportsman's Country Club</b>				
<b>Clubhouse</b>				
Condensing Unit		1995	20	Demolition 2020
Air Handler		1995	20	Demolition 2020
Low Pressure Boiler		1995	35	Demolition 2020
Walk-In Freezer #1		1983		Demolition 2020
Walk-In Freezer #2		1983		Demolition 2020
One-Door Freezer		2012	15	Demolition 2020
Charbroiler		2012		Demolition 2020
Ice Machine		1990	20	Demolition 2020
3-Door Counter Cooler		2013	11	Demolition 2020
2-Door Counter Cooler		2000	11	Demolition 2020
2-Drawer Refrigerator		2012	11	Demolition 2020
Refrigerator		2011	11	Demolition 2020
Dishwasher		2012	9	Demolition 2020
Deep Fryer		2015		Demolition 2020
Emergency Generator	\$78,000	2016	20	2036
<b>Cart Barn</b>				
Gas Fired Furnace #1		1979	18	Demolition 2020
Gas Fired Furnace #2		1979	18	Demolition 2020
<b>Driving Range</b>				
Split-System Heat Pump		2015	15	Demolition 2020
<b>Halfway House</b>				
Heater/AC w/Outside Condenser		2013	15	2028
Display Refrigerator		2000	11	Replace as needed

## APPENDIX F

### **Heating, Ventilation, Air Conditioning and Refrigeration Inventory**

Life Cycle Recommendations by  
American Society of Heating, Refrigerating Engineers

Site	Original Cost	Current Installation	Life Cycle	Date of Anticipated Replacement
Maintenance Building				
Gas Fired Burner		2006	21	2027
Gas Fired Burners (11)		2006	21	2027
Pump		2006	10	Replace as needed
Furnace		2006	18	2024
Condenser		2006	20	2026
Ice Machine		1990	20	Replace as needed
Techny Prairie Center				
Heat Pump		2006	15	2021
Techny Prairie Warming Shelter				
Gas Furnace	\$3,000	2018	18	2036
Village Green Center				
Roof Top Heating & Cooling Unit		1999	15	2023 (with roof)
Roof Top Heating & Cooling Unit		1999	15	2023 (with roof)
Boiler (Water-tube)		2009	24	2033
Boiler Pumps (4)		2009	10	Evaluate 2020
Fan Coil Units		1999	20	Evaluate 2020
Emergency Generator	\$45,000	2016	20	2036
Wood Oaks Tennis Building				
Split-System Heat Pump w/Air Handler	\$6,337	2014	15	2029

**APPENDIX G**  
**Roof Inventory**

Site	Original Cost	Current Installation	Life Cycle	Date of Anticipated Replacement
<b>EPDM - Rubber System</b>				
Joe Doud Administration Building		2007	20	2027
Leisure Center		2012	20	2032
Northbrook Sports Center		1999	20	2021
Sportsman's Country Club-Cart Barn		Pre-1999	25	Demolition 2020
Village Green Center-Flat Area (replacement)		2018 sealer	5	2023
Village Green Center-Flat Area (replacement)		1998	25	2023
<b>Shingle Roof</b>				
1605 Storage Garage		2008	25	2033
Chalet		1965	25	2021
Coast Guard-IT/Restroom		2014	25	2039
Joe Doud Administration Building		1994	26	2027
Meadowhill Aquatic Center		1988	25	Evaluate 2020
Meadowhill Park #2 Dugouts		2007	25	2032
Outdoor Education Center		1968	25	Demolition 2020
Sportsman's Country Club-Clubhouse		1994	25	Demolition 2020
Sportsman's Country Club-Driving Range		1996	25	Demolition 2020
Sportsman's Country Club-Halfway House		1994	25	2020
Sportsman's Country Club-Golf Maintenance		2006	25	2031
Sportsman's Country Club-Restroom Buildings		2014	25	2039
Sportsman's Country Club-Chemical Storage		2018	25	2043
Sportsman's Country Club-Starter Shacks		Pre-1999	25	Demolition 2020
Sportsman's Country Club-Pumphouses		Pre-1999	25	2020
Techny Prairie Park & Fields-Batting Cage Hut		2006	25	2031
Techny Prairie Center		2006	25	2031
Techny Picnic/Warming Shelter		1994	25	Evaluate 2020
Village Green Center		1998	25	2023
Village Green Pavilion		2001	25	2026
West Park-Tennis Shed		2000	25	2025
Wood Oaks Green Park-Tennis Building		1986	25	2022
<b>Open Air Shelters-Shingles</b>				
Greenview Park		2006	25	2031
Meadowhill Park-Playground		1996	25	2021
Stonegate Park		1999	25	2024*
Techny Prairie Park & Fields-Ballfield		2006	25	2031
Techny Prairie Park & Fields-Bluegill Shelter		2006	25	2031
Techny Prairie Park & Fields-Playground		2006	25	2031
Techny Prairie Park & Fields-Skate Park		2006	25	2031
Village Green-Gazebo (Cedar Shingles)		Pre-1999	30	Evaluate 2020
Sportsman's Country Club-On-Course Shelters		Pre-1999	25	2020

\* Evaluate Per Master Plan

Anticipated life cycle is 20-30 years based on roof type. Actual replacement is based on field verification.

### Asphalt Parking Lot and Pathway Inventory

	Site	Approx. SF	Original Installation	3rd Year Sealcoat	6th Year Sealcoat & Crackfill	9th Year Sealcoat & Crackfill	12th Year Sealcoat & Crackfill	15th Year 2" Grind & Replace	18th Year Sealcoat	21st Year Sealcoat & Crackfill	24th Year Sealcoat & Crackfill	27th Year Sealcoat & Crackfill	Date of Anticipated Replace/Install
1605	Parking Lot	36,000	Pre-1994	*	*	*	*	*	*	Based on CMP			Based on CMP
545 Academy Drive	Employee Parking Lot	20,185	1994	*	*	*	*	*	2011	2014	2019	2022	2028
	Maintenance Yard/Lot	17,917	1994	*	*	*	*	*	*	2019	2022	2025	2028
Coast Guard Park	Parking Lot	16,836	2014	2018	2021	2024	2027	2030	2033	2036	2039	2042	2045
Crestwood Park	Parking Lot	6,506	Pre-1994	Village Maint.	Village Maint.	Village Maint.	Village Maint.	Village Maint.	Village Maint.	Village Maint.	Village Maint.	Village Maint.	Village Maint.
Greenfield Park	Pathways (8) & Bleacher Pads (4) Pathway to Pfingsten (8)	10,222 3,951	2020 TBD	2023	2026	2029	2032	2035	2038	2041	2044	2047	2050
Greenview Park	Pathways (8)	9,857	2009	*	*	2018	2021	2024	2027	2030	2033	2036	2039
Leisure Center	Parking Lot & Drive West Parking Lot	51,637 33,064	1988 2001	*	*	*	2012	2018	2021	2024	2027	2030	2033
Meadowhill Park & Aquatic Center	MHP Drive (to MAC lot) MAC Parking Lot	10,160 71,382	1988 1988	2012 2015	2018 2018	2021 2021	2024 2024	2027 2027	2030 2030	2033 2033	2036 2036	2039 2039	2039
	MHP Pathways (8) & Bleacher Pads (4) South MHP Pathway along Chalet (8) Pathways to Basketball & Hockey Courts	49,753 11,100 950	2010 Pre-1994 2020	*	*	*	2020	2023	2026	2029	2032	2035	2038
Northbrook Sports Center	North Employee Parking Lot North & East Parking Lot & Entrances South Parking Lot West Parking Lot 1710 Pfingsten	19,636 54,067 18,400 53,100 2,000	2017 2017 1991 1991 Pre-1994	2020 2020	2023 2023	2026 2026	2029 2029	2032 2032	2035 2035	2038 2038	2041 2041	2044 2044	2047
Stonegate Park	Parking Lot Pathways (10) Bleacher Pads (3)/Paths	16,890 26,619 2,143	1999 2001 2012	*	*	2016	2018	2020	2023	2026	2029	2032	2035
Techy Prairie Park & Fields	North/West Parking Lot South Parking Lot Anets Drive	59,640 59,506 41,000	2006 1989 2006	2009	2012	2015	2018	2021	2024	2027	2030	2033	2036
	TPPF Original Pathways (8-12) TPPF North/East Basin Loop TPPF Renovations Pathways (8-12)	52,538 36,004 31,000	1989 1989 2006	*	*	*	2017	2020	2023	2026	2029	2032	2035
	Anets Pathways (12)	22,085	2006	*	*	2018	2020	2023	2026	2029	2032	2033	2036

## APPENDIX H

### Asphalt Parking Lot and Pathway Inventory

Site	Approx. SF	Original Installation	3rd Year Sealcoat	6th Year Sealcoat & Crackfill	9th Year Sealcoat & Crackfill	12th Year Sealcoat & Crackfill	15th Year 2" Grind & Replace	18th Year Sealcoat	21st Year Sealcoat & Crackfill	24th Year Sealcoat & Crackfill	27th Year Sealcoat & Crackfill	Date of Anticipated Replace/Install
Village Green Park	Parking Lot	22,800	1992	*	*	*	*	2014	2017	2020	2023	2026
	Pathways (g)	11,700	Pre-1994	*	*	*	*	2018	2021	2024	2027	2029
	Pathway along river (g)	6,200	Pre-1994	*	*	*	*	2018	2021	2024	2027	2034
Westcott Park	Memorial Garden Pathway	2,534	2017	2018	2021	2024	2027	2030	2033	2036	2039	2044
	Pathways (8'9")	7,550	1993	2019	2022	2025	2028	2031	2034	2037	2040	2046
	Bleacher Pad & Garbage Can Pad (1)	850	2018	2019	2022	2025	2028	2031	2034	2037	2040	2046
West Park	Pathways (g)	16,200	2000	*	*	*	2019	2022	2025	2028	2031	2037
	Bleacher Pads (2)	2,500	2014	2017	2019	2022	2025	2028	2032	2035	2038	2044
	Sand Volleyball Bleacher Pad	500	2017	2020	2023	2026	2029	2032	2035	2038	2041	2047
	Path to Volleyball & Fields at North(g)	5,600	2017	2020	2023	2026	2029	2032	2035	2038	2041	2047
Williamsburg Square Park	Parking Lot	13,622	1999	*	*	*	2017	2022	2025	2028	2031	2034
	Pathways (g)	13,357	pre-1994	*	*	*	2016	2021	2024	2027	2030	2036
	Bleacher Pads(2)/Paths	1,581	2012	*	*	*	2016	2021	2024	2027	2030	2036
Wood Oaks Green Park	NE Parking Lot & Entry Drive	44,334	1994	*	*	*	2019	2022	2025	2028	2031	2037
	SW Parking Lot & Entry Drive	28,113	1994	*	*	*	*	2022	2025	2028	2031	2034
	North Pathway (N of drive on Sanders)	2,525	1994	*	*	*	2019	2022	2025	2028	2031	2037
	Pathways (10')	82,750	1994	*	*	*	2019	2022	2025	2028	2031	2034
	Bleacher Pads (2)	3,520	2016	2019	2022	2025	2028	2031	2034	2037	2040	2046
Sportsman's Country Club	Entry Drive, Parking & Circle Drive (Clubhouse Circle Drive ONLY)	57,796	1994	*	*	2015	Based on CMP	Based on CMP	Based on CMP	Based on CMP	Based on CMP	Based on CMP
	Parking Lot	17,816	1994	*	*	2015	Based on CMP	Based on CMP	Based on CMP	Based on CMP	Based on CMP	Based on CMP
	Cart paths various	71,344	1994	*	*	2017	Based on CMP	Based on CMP	Based on CMP	Based on CMP	Based on CMP	Based on CMP
Sportsman's Maintenance Facility	Golf Maintenance Parking Lot	8,043	2005	*	*	2015	Based on CMP	Based on CMP	Based on CMP	Based on CMP	Based on CMP	Based on CMP
	Golf Maintenance Access Drive	22,500	2005	*	*	2015	Based on CMP	Based on CMP	Based on CMP	Based on CMP	Based on CMP	Based on CMP
	Golf Maintenance Storage Area	17,964	Pre-1994	*	*	*	*	*	*	*	*	*

#### RECOMMENDED MAINTENANCE AFTER NEW ASPHALT IS INSTALLED:

1st year - New asphalt

3rd year - Sealcoat

6th year - Sealcoat & Crackfill

9th year - Sealcoat & Crackfill

12th year - Sealcoat & Crackfill

15th year - 2" Grind and Replace (if sub-base is in good shape); otherwise remove & replace asphalt & undercut sub-base

(repeat cycle)

18th year - Sealcoat

21st year - Sealcoat & Crackfill

24th year - Sealcoat & Crackfill

27th year - Sealcoat & Crackfill

30th year - 2" Grind and Replace (if sub-base is in good shape); otherwise remove & replace asphalt & undercut sub-base

\*(asterisk) denotes that actual dates are not available

## APPENDIX I

### Fence Inventory

Property Line/Ball Fields/Tennis Courts/Sled Hills

Site	Original Cost	Current Installation	Approx. Length	Height	Material	Date of Anticipated Replacement
1605 Maintenance Boundary Fence			876'	7'	Metal	
Coast Guard Park Dog Park Enclosure		2013	2300'	5'-6"	Metal	
Cedar Lane Tot Lot Boundary Fence			342'	4'	Chain Link	
Crestwood Park Tennis Court			903'	11'	Chain Link	
Field School Ball Field #9S			295'	10'-15'	Chain Link	
	Ball Field #9N		278'	10'-15'	Chain Link	
Floral Park South Boundary		2010	340'	7'	Wood	
Greenbriar School Ball Field #10		2013			Chain Link	
Greenfield Park Ball Field 19N			87' DO   96' BS	10-15'	Chain Link	
	Ball Field 19S		131' DO   63' BS	10-15'	Chain Link	
Greenview Park Street Fence		2015	281'	3'-5"	Chain Link	
North Boundary			16'		Chain Link	
East Boundary			281'		Chain Link	
South Boundary			325'	7'	Chain Link	
Leisure Center Playground Barrier		2016	83'	3'-5"	Chain Link	
East Property Line		2016	1001'	4'	Wood	
Indian Ridge Park Ball Field #18			240' DO   43' BS	10-15'	Chain Link	
Meadow Road Tot Lot West Boundary			163'	7'	Wood	Evaluate 2020
Meadowbrook School Ball Field #8					Chain Link	
Meadowhill Park Ball Field #2			500'	10'-20'	Chain Link	
Ball Field #3			300' BS/DO   1000' out	10'-15' BS/DO   5' out	Chain Link	
Ball Field #4			300' BS/DO   900' out	10'-15' BS/DO   5' out	Chain Link	
Ball Field #5			254'	10'-15'	Chain Link	
Ball Field #6			409'	10'-15'	Chain Link	
Ed Rudolf Velodrome Pool	\$19,882	2018	142'	5'	Chain Link	
			1500'	10'	Chain Link	
Northbrook Sports Center Pool	\$121,236	2017	915'	7'-3"	Chain Link	
South Boundary			1400'	7'	Wood	2022
Oaklane Park Ball Field #7			60'	10'-15'	Chain Link	
Tennis Court			620'	11'	Chain Link	
Boundary Fence			957'	7'		
Shabonee School Ball Field #22					Chain Link	
Sportsman's Country Club Dundee & Landwehr			3800'	7'	Chain Link	
Maintenance Fence			980'	5'	Chain Link	
Stonegate Park Tennis Court		2019	486' & 300'	10' & 4'	Chain Link	
	Ball Field #30		215'	10'-15'	Chain Link	
	Ball Field #31		200'	10' & 15'	Chain Link	

## APPENDIX I

### Fence Inventory

Property Line/Ball Fields/Tennis Courts/Sled Hills

Site	Original Cost	Current Installation	Approx. Length	Height	Material	Date of Anticipated Replacement
Techny Prairie Park & Fields						
Ball Field #29			535'	10' & 15'	Chain Link	
Ball Field #28			375' BS/DO   1155' out	10'-15' BS/DO   5' out	Chain Link	
Ball Field #27			376' BS/DO   1155' out	10'-15' BS/DO   5' out	Chain Link	
Ball Field #26	2006		377' BS/DO   1155' out	10'-15' BS/DO   5' out	Chain Link	
Batting Cages	2006		520'	10' & 15'	Chain Link	
Skate Park	2006		920'	10'	Metal	
Sled Hill			752'	5'	Chain Link	
East Split Rail			250'	4'	Wood	
West Split Rail			100'	4'	Wood	
Village Green Park						
Ball Field #1			421' BS/DO   1040' out	10'-15' BS/DO   5' out	Chain Link	
Wescott Park						
Playground Barrier	2005		200'	4'-3"	Chain Link	
Ball Field #13			423'	10' & 15'	Chain Link	
Ball Field #12	2016		450'	10' & 15'	Chain Link	
West Park						
Ball Field #14	2015-DO	120' DO   235' BS   450' out	7'3" DO   10'-15' BS   5' Out		Chain Link	
Ball Field #16	2015-DO	7'3" DO   10'-15' BS   5' out	7'3" DO   10'-15' BS   5' Out		Chain Link	
Ball Field #17			368'	10' & 15'	Chain Link	
Tennis Court			735'	11'	Chain Link	
Westmoor School						
Ball Field #11					Chain Link	
Williamsburg Square Park						
Ball Field #23			435'	10' & 15'	Chain Link	2021
Rudolph Dr. Barrier			302'	5'	Chain Link	2021
Tennis Court			550'	11'0	Chain Link	2021
South Boundary			1300'	7'	Wood	2021
Wood Oaks Green Park						
Sled Hill			3642'	5'	Chain Link	
Ball Field #25			400'	10' & 15'	Chain Link	
Tennis Court North			905'	11'	Chain Link	
Tennis Court South			903'	11'	Chain Link	
Ball Field #24			360'	10' & 15'	Chain Link	
Storage Facility			450'	7'	Metal/Picket	2020 repairs
Practice Tennis Court			186'	11'	Chain Link	

DO: Dugout

BS: Backstop

Out: Outfield

## Appendix J

### Information Technology Inventory

Equipment	Service Tag/Serial Number	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
Desktop					
Dell Inc.	HT848V1		August 2012	7-8	2020 - 2021
Dell Inc.	HV1Q7V1		August 2012	7-8	2020 - 2021
Dell Inc.	HV4Y7V1		August 2012	7-8	2020 - 2021
Dell Inc.	HTC08V1		August 2012	7-8	2020 - 2021
Dell Inc.	37PGNV1		January 2013	7-8	2020 - 2021
Dell Inc.	16PGNV1		January 2013	7-8	2020 - 2021
Dell Inc.	46PGNV1		January 2013	7-8	2020 - 2021
Dell Inc.	66PGNV1		January 2013	7-8	2020 - 2021
Dell Inc.	D6PGNV1		January 2013	7-8	2020 - 2021
Dell Inc.	FBYYDX1		May 2013	7-8	2020 - 2021
Dell Inc.	FBVYDX1		May 2013	7-8	2020 - 2021
Dell Inc.	26R1FX1		May 2013	7-8	2020 - 2021
Dell Inc.	28H3FX1		May 2013	7-8	2020 - 2021
Dell Inc.	26J0FX1		May 2013	7-8	2020 - 2021
Dell Inc.	9DPKJB2		June 2016	7-8	2023 - 2024
Dell Inc.	9DPJJB2		June 2016	7-8	2023 - 2024
Dell Inc.	9DQGJB2		June 2016	7-8	2023 - 2024
Dell Inc.	9DPHJB2		June 2016	7-8	2023 - 2024
Dell Inc.	9DPGJB2		June 2016	7-8	2023 - 2024
Dell Inc.	D3DF942		March 2015	7-8	2023 - 2024
Dell Inc.	D3DH942		March 2015	7-8	2023 - 2024
Dell Inc.	21WS932		March 2015	7-8	2023 - 2024
Dell Inc.	6YQ8H02		March 2014	7-8	2021 - 2022
Dell Inc.	6SKCH02		March 2014	7-8	2021 - 2022
Dell Inc.	2616H02		March 2014	7-8	2021 - 2022
Dell Inc.	7X09H02		March 2014	7-8	2021 - 2022
Dell Inc.	6Z2CH02		March 2014	7-8	2021 - 2022
Dell Inc.	7YY9H02		March 2014	7-8	2021 - 2022
Dell Inc.	6Z8FH02		March 2014	7-8	2021 - 2022
Dell Inc.	7X49H02		March 2014	7-8	2021 - 2022
Dell Inc.	7VFBH02		March 2014	7-8	2021 - 2022
Dell Inc.	7WZFH02		March 2014	7-8	2021 - 2022
Dell Inc.	7ZBDH02		March 2014	7-8	2021 - 2022
Dell Inc.	9QBR932		March 2015	7-8	2023 - 2024
Dell Inc.	8DBR932		March 2015	7-8	2023 - 2024
Dell Inc.	88XLB12		November 2014	7-8	2021 - 2022
Dell Inc.	8LHFR22		November 2014	7-8	2021 - 2022
Dell Inc.	8MBJR22		November 2014	7-8	2021 - 2022
Dell Inc.	8P2HR22		November 2014	7-8	2021 - 2022
Dell Inc.	8L7GR22		November 2014	7-8	2021 - 2022

## Appendix J

### Information Technology Inventory

Equipment	Service Tag/Serial Number	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
Dell Inc.	CWZGP22		November 2014	7-8	2021 - 2022
Dell Inc.	95XLB12		November 2014	7-8	2021 - 2022
Dell Inc.	CY9JP22		November 2014	7-8	2021 - 2022
Dell Inc.	7Z1CH02		March 2014	7-8	2021 - 2022
Dell Inc.	6B5TGB2		May 2016	7-8	2024 - 2025
Dell Inc.	18ZZ3Y2	\$565.50	August 2019	7-8	2027 - 2028
Dell Inc.	16PZ3Y2	\$565.50	August 2019	7-8	2027 - 2028
Dell Inc.	18P44Y2	\$565.50	August 2019	7-8	2027 - 2028
Dell Inc.	16H34Y2	\$565.50	August 2019	7-8	2027 - 2028
Dell Inc.	18J74Y2	\$565.50	August 2019	7-8	2027 - 2028
Dell Inc.	18R44Y2	\$565.50	August 2019	7-8	2027 - 2028
Dell Inc.	18DZ3Y2	\$565.50	August 2019	7-8	2027 - 2028
Dell Inc.	19054Y2	\$565.50	August 2019	7-8	2027 - 2028
Dell Inc.	55YQHK2	\$780.08	July 2017	7-8	2025 - 2026
Dell Inc.	54LPHK2	\$780.08	July 2017	7-8	2025 - 2026
Dell Inc.	562RHK2	\$780.08	July 2017	7-8	2025 - 2026
Dell Inc.	55SQHK2	\$780.08	July 2017	7-8	2025 - 2026
Dell Inc.	548NHK2	\$780.08	July 2017	7-8	2025 - 2026
Dell Inc.	2R836K2	\$702.03	June 2017	7-8	2025 - 2026
Dell Inc.	32656K2	\$702.03	June 2017	7-8	2025 - 2026
Dell Inc.	2RM36K2	\$702.03	June 2017	7-8	2025 - 2026
Dell Inc.	2Y946K2	\$702.03	June 2017	7-8	2025 - 2026
Dell Inc.	3DBY5K2	\$702.03	June 2017	7-8	2025 - 2026
Dell Inc.	3C6MGL2	\$778.12	October 2017	7-8	2025 - 2026
Dell Inc.	3CXGGL2	\$778.12	October 2017	7-8	2025 - 2026
Dell Inc.	3C3LGL2	\$778.12	October 2017	7-8	2025 - 2026
Dell Inc.	GVR97J2	\$1,101.69	May 2017	7-8	2025 - 2026
Dell Inc.	GV797J2	\$1,101.69	May 2017	7-8	2025 - 2026
Dell Inc.	4K5JXC1		May 2017	7-8	2019 - 2020
Dell Inc.	5SNZ9K1		June 2009	7-8	2019 - 2020
Dell Inc.	BJ1LBP1		February 2011	7-8	2019 - 2019
Dell Inc.	145FRW1		February 2013	7-8	2020 - 2021
Dell Inc.	13VFRW1		February 2013	7-8	2020 - 2021
Dell Inc.	BV2P0M2		November 2017	7-8	2025 - 2026
Dell Inc.	3HNHRD2		September 2016	7-8	2024 - 2025
LENOVO	MJ06PFHE	\$356.39	2018	7-8	2026 - 2027
LENOVO	US00092803		2012	7-8	2019
<b>Laptop</b>					
Alienware	J2WFPOQ2		2018	6-7	2026 - 2027
Hewlett-Packard	5CG5063T4S		2014	6-7	2021
Hewlett-Packard	5CG5040N94		2014	6-7	2021

## Appendix J

### Information Technology Inventory

Equipment	Service Tag/Serial Number	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
Hewlett-Packard	5CG5063T33		2014	6-7	2021
Hewlett-Packard	5CG5040NDK		2014	6-7	2021
Hewlett-Packard	5CG5060S24		2015	6-7	2022
Hewlett-Packard	5CG5060Q1J		2015	6-7	2022
Hewlett-Packard	5CG5060R7Z		2015	6-7	2022
Hewlett-Packard	CND0371MZC		2010	6-7	2019
Hewlett-Packard	CNU20911PM		2011	6-7	2019
Hewlett-Packard	CNU136493J		2011	6-7	2019
Hewlett-Packard	CNU411BMYK	\$1,714.10	2016	6-7	2023
Hewlett-Packard	5CG621608W		2015 - 2016	6-7	2022 - 2023
Hewlett-Packard	5CG5443XD8		2015 - 2016	6-7	2022 - 2023
Hewlett-Packard	5CG62160FP		2015 - 2016	6-7	2022 - 2023
Hewlett-Packard	5CG5443X7Y		2015 - 2016	6-7	2022 - 2023
Hewlett-Packard	5CG6118H46		2018	6-7	2026 - 2027
Hewlett-Packard	5CG6130VF6		2018	6-7	2026 - 2027
Hewlett-Packard	CND0350MCM		2010	6-7	2019
Hewlett-Packard	8CG5270RPN		2015 - 2016	6-7	2022 - 2023
Hewlett-Packard	8CG5270RNY	\$1,714.10	2015 - 2016	6-7	2022 - 2023
Hewlett-Packard	5CD6392LYR	\$1,792.62	2017	6-7	2023 - 2024
Hewlett-Packard	5CD7034Y0Z	\$1,792.62	2017	6-7	2023 - 2024
Hewlett-Packard	5CG8034RQV	\$1,272.64	2018	6-7	2026 - 2027
Hewlett-Packard	5CD8160RVM	\$220.70	2018	6-7	2026 - 2027
Hewlett-Packard	5CD8138QQB	\$220.70	2018	6-7	2026 - 2027
Hewlett-Packard	5CD8160RVQ	\$220.70	2018	6-7	2026 - 2027
Hewlett-Packard	5CD813342S	\$220.70	2018	6-7	2026 - 2027
Hewlett-Packard	5CD8160RQ2	\$220.70	2018	6-7	2026 - 2027
Hewlett-Packard	5CD8160RT6	\$220.70	2018	6-7	2026 - 2027
Hewlett-Packard	5CD8160S6M	\$220.70	2018	6-7	2026 - 2027
Hewlett-Packard	5CD8160SFT	\$220.70	2018	6-7	2026 - 2027
Hewlett-Packard	5CD8160RQ4	\$220.70	2018	6-7	2026 - 2027
Hewlett-Packard	CND637194C	\$2,305.89	2017	6-7	2023 - 2024
Dell Inc.	H1F66F2		July 2017	6-7	2023 - 2024
Dell Inc.	41G86F2		June 2017	6-7	2023 - 2024
Dell Inc.	H88S4F2		June 2017	6-7	2023 - 2024
Dell Inc.	8C8S4F2		June 2017	6-7	2023 - 2024
Dell Inc.	826G5F2		June 2017	6-7	2023 - 2024
Dell Inc.	GYTM3F2		April 2017	6-7	2023 - 2024
Dell Inc.	J5FP5F2		May 2017	6-7	2023 - 2024
Dell Inc.	9Z7S5F2		May 2017	6-7	2023 - 2024
Dell Inc.	55DX4F2		May 2017	6-7	2023 - 2024
Dell Inc.	FB4H3F2		May 2017	6-7	2023 - 2024
Dell Inc.	J94H3F2		May 2017	6-7	2023 - 2024

## Appendix J

### Information Technology Inventory

Equipment	Service Tag/Serial Number	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
Dell Inc.	G1GJWJ2	\$678.41	January 2018	6-7	2025 - 2026
Dell Inc.	9FDJWJ2	\$678.41	January 2018	6-7	2025 - 2026
Dell Inc.	6CDJWJ2	\$678.41	January 2018	6-7	2025 - 2026
Dell Inc.	HHDYKP2	\$858.38	June 2018	6-7	2025 - 2026
Dell Inc.	2CM9SQ2	\$1,120.09	October 2018	6-7	2025 - 2026
Dell Inc.	C26T3H2		July 2017	6-7	2023 - 2024
Dell Inc.	8YZVYM2	\$1,344.71	March 2018	6-7	2024 - 2025
Dell Inc.	HY55RV2	\$786.90	May 2019	6-7	2025 - 2026
Dell Inc.	6LSTQV2	\$786.90	May 2019	6-7	2025 - 2026
Dell Inc.	6TJGXT2	\$1,900.00	March 2019	6-7	2025 - 2026
Dell Inc.	J7HKXT2	\$1,900.00	March 2019	6-7	2025 - 2026
Dell Inc.	2K3ZNF2	\$1,900.00	March 2019	6-7	2025 - 2026
Microsoft Corporation	123364260457		2015	6-7	2022 - 2023
Microsoft Corporation	093556754753		2015	6-7	2022 - 2023
Microsoft Corporation	068349554653		2015	6-7	2022 - 2023
Microsoft Corporation	075235654353		2015	6-7	2022 - 2023
<hr/>					
<b>Thumb Drive Computer</b>					
Intel Corporation	GESC64700ETM	--			Evaluate Annually
Intel Corporation	GESC651006ZF	--			Evaluate Annually
Intel Corporation	GESC651007BZ	--			Evaluate Annually
Intel Corporation	GESC6510073R	--			Evaluate Annually
Intel(R) Client Systems	BTCC846002R5	--			Evaluate Annually
<hr/>					
<b>Printers</b>					
HP Color LaserJet M451nw	CNDG309589				Evaluate Annually
HP LaserJet P2015	CNB1R64675				Evaluate Annually
HP LaserJet P2055dn					Evaluate Annually
HP Color LaserJet CM2320nf	CNF9C5DYNP				Evaluate Annually
HP Color LaserJet MFPM277dw	VNB8H7L3C1				Evaluate Annually
HP LaserJet P2035	VNB3467332				Evaluate Annually
HP LaserJet P2055DN	CNB9976826				Evaluate Annually
HP Color LaserJet CM2320nf	CNF9B46N91				Evaluate Annually
HP Color LaserJet M452dn	VNB3M33845				Evaluate Annually
HP LaserJet M401dne	PHGFG58220				Evaluate Annually
HP Color LaserJet MFP M277dw	VNB8J7M6T7				Evaluate Annually
HP Color LaserJet MFP M477fdn	VNB8JBW3MV				Evaluate Annually
Epson WF-7710	X45Q095485				Evaluate Annually
HP LaserJet P2055dn	CNB9M12182				Evaluate Annually
HP Color LaserJet M451dn	JPBDQ18675				Evaluate Annually
HP Color LaserJet CP1525nw	CNBF338689				Evaluate Annually
HP LaserJet MFP M426fdw	PHB8HBDJ2G				Evaluate Annually

## Appendix J

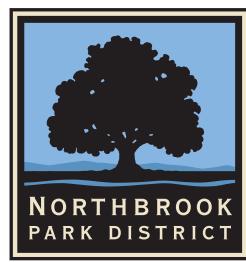
### Information Technology Inventory

Equipment	Service Tag/Serial Number	Original Cost	Current Purchase	Life Cycle	Date of Anticipated Replacement
HP Color LaserJet M452dn	CNDF374708				Evaluate Annually
HP Color LaserJet CP2025dn	CNGS339477				Evaluate Annually
HP LaserJet P2035n	CNB9R82352				Evaluate Annually
HP LaserJet M553DN	JPBCJDG00M				Evaluate Annually
HP Color LaserJet M451dn	CNDF237866				Evaluate Annually
HP Color LaserJet M452dn	VNB3M58542				Evaluate Annually
HP LaserJet P4515TN	CNDY394065				Evaluate Annually
HP Color LaserJet CP2025dn	CNGS317967				Evaluate Annually
HP LaserJet M402n	PHBHD54331				Evaluate Annually
HP Color LaserJet M477fdw	VNB8K1M143				Evaluate Annually

## APPENDIX K

### Carry-Over Projects

Carry-Over Projects	Account #	Budget Year	Budget
<b>Programs - General and Recreation</b>			
n/a			
<b>Total Programs</b>			<b>\$0</b>
<b>Parks &amp; Properties</b>			
Meadowhill Park Master Plan	1053-6515-MHP03-19	2019	\$634,000
Tennis Court Renovations (WEST + WOG)	1050-6505-PARKS06-19	2019	\$26,070
<b>Total Parks &amp; Properties</b>			<b>\$660,070</b>
<b>Recreation</b>			
Activity Center Construction	1053-6510-PARKS01-18	2019	\$3,000,000
<b>Total Recreation</b>			<b>\$3,000,000</b>
<b>Golf Operations</b>			
SCC - Golf Master Plan Implementation	1051-6570-GSCC01-18	2019	\$832,750
<b>Total Golf Operations</b>			<b>\$832,750</b>
<b>GRAND TOTAL</b>			<b>\$4,492,820</b>



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