



AUGUST 2019 Board Report





**GLENCOE PARK DISTRICT
REGULAR BOARD MEETING
Tuesday, August 20, 2019 - 7:00 p.m.
Watts Community Center**

Consistent with the requirements of the Illinois Compiled Statutes 5 ILCS 120/1 through 120/6 (Open Meetings Act), notices of this meeting were posted.
Meeting Location: Watts Recreation Center 305 Randolph, Glencoe, IL 60022

A G E N D A

- I. Call to Order
- II. Roll Call
- III. Consent Agenda Items
 - A. Minutes of July 16, 2019 Regular Board Meeting (pgs. 4-7)
 - B. Approval of the Bills (pgs. 8-26)
- IV. Matters from the Public
- V. Action Items
 - A. Approval of the Takiff IT room expansion/HVAC replacement bid (pgs. 27-28)
 - B. Approval of agreement for services related to the development of the Watts Recreation Center Master Plan and PARC Grant Application (pgs. 29-89)
 - C. Approval of the Lincoln Playground Design (pgs. 90-130)
 - D. Approval of emergency repairs of Takiff Center air handler #1& 3 compressors (pgs. 131-132)
- VI. Other Business
- VII. Park Tour (pgs. 133-134)
 - Watts Park
 - Milton Park
 - Kalk Park Pathway
 - Lakefront Tennis Courts
 - South and Green Bay Park
 - Shelton Park
 - Maintenance Center
- VIII. Adjournment

The Glencoe Park District is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations in order to allow them to observe and/or participate in this meeting, or who have questions regarding the accessibility of the meeting or facilities, are asked to contact the Park District at 847-835-3030. Executive Director Email: lsheppard@glencoeParkDistrict.com

III. Consent Agenda Items

Section 2.06(b) of the Open Meetings Act allows a public entity to approve minutes either within 30 days after the relevant meeting OR at the public body's second subsequent regular meeting, whichever is LATER. For consistency, all minutes will be approved at the subsequent Regular Board Meeting.

Items on the Consent Agenda are representative of routine actions by the Board of Directors or staff. Members of the Board of Park Commissioners are invited and encouraged to call the Executive Director prior to the meeting with any questions about consent agenda items.

The Board President asks for a motion to adopt the consent agenda items. However, if any member of the Board wishes to discuss any item on the consent agenda, for *any* reason whatsoever, he or she may ask that the item be removed from the consent agenda and the President will change the agenda per the request.

The Executive Director recommends approval of the consent agenda.

Glencoe Park District
August 2019 Board Meeting

MINUTES OF JULY 16, 2019 REGULAR BOARD MEETING
GLENCOE PARK DISTRICT
999 GREEN BAY ROAD, GLENCOE, ILLINOIS 60022

The meeting was called to order at 7:01pm and roll was called.

Commissioners present:

Lisa Brooks, President
Michael Covey, Treasurer
Dudley Onderdonk, Commissioner

Staff present:

Lisa Sheppard, Executive Director/Secretary
Carol Mensinger, Director of Finance/HR
Chris Leiner, Director of Parks/Maintenance
Bobby Collins, Director of Recreation/Facilities
Erin Classen, Supt. of Marketing/Comm.
Jenny Runkel, Administrative Assistant

Commissioner Absent:

Stefanie Boron, Commissioner
Josh Lutton, Commissioner

Members of the public in attendance who signed in or spoke: Marc Jones, Jasmine Jones, January Stramaglia

Consent Agenda: A motion was made by Commissioner Onderdonk to approve the consent agenda items as presented including Minutes of June 18, 2019 Finance Committee of the Whole meeting, June 18, 2019 Regular Board meeting, July 9, 2019 Committee of the Whole meeting, and Approval of the Bills. Commissioner Covey seconded the motion. No further discussion ensued. Roll call vote taken:

AYES: Covey, Onderdonk, Brooks

NAYS: None

ABSENT: Boron, Lutton

Matters from the Public: Mark Jones, president of the Waukegan Park District Board, thanked the Board and staff for busing Waukegan children to experience beach safety yesterday at Glencoe Beach on behalf of the entire Waukegan Board. The Union Boys and Girls Club were paired with Waukegan children for the program.

Financial Report: The District is four months into the fiscal year. Beach revenue is down due to weather. This past weekend was great and we are hoping to move forward and cut down on the difference. The Recreation Dept. is showing a decrease due to timing of camp payments, field trip planning, GJK payment collection, and capital expenditures. Watts's compressor preventive maintenance was done earlier instead of in October just before opening. Beach financial comparisons were reviewed; this weather year is similar to four years ago.

After the last storm at the beach, staff were able to use equipment to move rock to the other side of the beach to create a ramp. There is catastrophic damage by the beach lockers. One big storm could affect the boating beach.

Watts experienced increased revenue due to the cold snap allowing Watts to stay open until March 10 although the normal closing date is March 1.

Staff Reports: Staff shared additional information not included in their Board Reports.

Director of Finance and Human Resources: Staff is gearing up for fall registration on July 31.

Director of Recreation and Facilities: The Director thanked Rotary for cosponsoring/funding the Beach Safety event. This past Saturday, 14 families with mostly 2 year olds visited our preschool expo to experience new enrichments. Our new athletics manager should be chosen before the next meeting. A trend since 2017, children are staying in Children's Circle year-round instead of participating in summer camp. Summer camp is affected by weather and staff are utilizing the summer training received that included downtime activities for rainy days. Summer camp's 8-week to 4-week shift is due to people wanting to try new things and travel plans. Action Camp's newly implemented one-week session was extremely successful resulting in considerably increased revenue, as well as more specialty camps without taking away from traditional camps. Pickleball has a small but mighty following. Watts tennis courts will have both tennis and pickleball lines.

Director of Parks and Facilities Maintenance: This season went from too much rain to no rain, so staff is out in force watering plants and fields. Staff also wrapped up Fourth of July festivities. Strategic planning of field improvements to Berlin Field and other fields annually make it less labor intensive in spring. Tennis court resurfacing will take place at the end of the month as well as nets/posts replacement at Lakefront tennis courts. Park pathways at Lakefront Park pathways will be resurfaced and benches replaced and Watts Park pathway resurfaced.

Superintendent of Marketing and Communications: The fall brochure went out last week, there was a push for Fourth of July and the Beach Safety event.

Safety and Wellness Committee: The loss control review's revamped process to improve existing current policies and procedures is in the works. The District will have a number of fire and tornado drills and a new emergency action plan. The Village assists with fire drills and intruder training. The District has the same training as the school district, however we are an open community center versus a locked down school with the exception of our ELC wing.

Executive Director's Report: Executive Director Sheppard thanked our staff and Board for the Fourth of July that was bigger and better than ever. An event wrap up meeting with the Village is upcoming. Changes necessitated by wet parks ended up being successful and will be kept in future, for example, the stage move created a street theatre atmosphere. Some features will be scaled back due to this year being the 150th. The Village was in charge of the parade, beer tent, food trucks, and partially the fireworks. The District, Village, and community will need to discuss holding the event on July 3 or 4 next year, because the staff are paid double-time on Saturday holidays. The patriotic committee, donations, and funding were reviewed.

North Shore dive training on the beach is on July 18.

The August committee meeting is canceled. The August 20 Board meeting begins at Watts with a couple action items then on to a park tour via District bus. There is a Lakefront Advisory Group meeting on July 30 and a Dog Park Task Force meeting on July 31.

Executive Director Sheppard is on vacation Thursday through Monday and will be able to answer texts and phone calls, but not emails.

We received a letter from Representative Brad Schneider congratulating us on our Gold Medal Finalist status.

Staff is continuing on work applying for the OSLAD Grant due August 15 and waiting for the result of our trail grants.

Action Items:

Approval of Resolution No. 901: A Resolution for the Commitment of \$650,000 of the Corporate fund Balance and \$850,000 of the Recreation Fund Balance for Future Capital Projects of the Glencoe Park District: A motion was made by Commissioner Onderdonk to approve Resolution No. 901: a resolution for the commitment of \$650,000 of the corporate fund balance and \$850,000 of the recreation fund balance for future capital projects of the Glencoe Park District as presented. Commissioner Covey seconded the motion. No further discussion ensued. Roll call vote taken:

AYES: Covey, Onderdonk, Brooks
NAYS: None
ABSENT: Boron, Lutton

Approval of the Annual Treasurer's Report: A motion was made by Commissioner Onderdonk to approve the Annual Treasurer's Report as presented. Commissioner Covey seconded the motion. No further discussion ensued. Roll call vote taken:

AYES: Covey, Onderdonk, Brooks
NAYS: None
ABSENT: Boron, Lutton

Approval to Cancel the August Regular Committee Meeting: A motion was made by Commissioner Onderdonk to approve canceling the August Regular Committee meeting. Commissioner Covey seconded the motion. No further discussion ensued. Roll call vote taken:

AYES: Covey, Onderdonk, Brooks
NAYS: None
ABSENT: Boron, Lutton

Matters from the Public: There was no one wishing to address the Board.

Other Business: There was no other business.

Adjourn: Commissioner Onderdonk moved to adjourn the meeting at 7:39pm.
Commissioner Covey seconded the motion, which passed by unanimous voice vote.

Respectfully submitted,

Lisa M. Sheppard
Secretary



Glencoe Park District

Voucher List of Bills
By Vendor Set

Payment Dates 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Vendor Set: AP Vendors - AP Vendors					
Vendor: 10559 - 4Imprint					
4Imprint	07/23/2019	10778	25-26-000-5360	Day Care Marketing (2 Pocket	1,627.20
Vendor 10559 - 4Imprint Total:					1,627.20
Vendor: 11128 - Ace of Spray, LLC					
Ace of Spray, LLC	08/08/2019	10835	10-12-000-5350	Pressure Wash Tennis Courts	700.00
Vendor 11128 - Ace of Spray, LLC Total:					700.00
Vendor: 10136 - Advanced Disposal Services					
Advanced Disposal Services	07/17/2019	10739	10-12-000-5353	Trash/Recycling - Parks	3,594.92
Advanced Disposal Services	07/17/2019	10739	10-13-000-5353	Trash/Recycling - Watts	112.00
Advanced Disposal Services	07/17/2019	10739	25-00-000-5353	Trash/Recycling - Takiff	344.00
Advanced Disposal Services	08/13/2019	10901	10-12-000-5353	Trash/Recycling - Parks	772.00
Advanced Disposal Services	08/13/2019	10901	10-13-000-5353	Trash/Recycling - Watts	112.00
Advanced Disposal Services	08/13/2019	10901	25-00-000-5353	Trash/Recycling - Takiff	344.00
Vendor 10136 - Advanced Disposal Services Total:					5,278.92
Vendor: 10098 - AFLAC					
AFLAC	07/17/2019	10740	10-00-000-2170	Supplemental Aflac Coverage	310.48
AFLAC	08/08/2019	10836	10-00-000-2170	Supplemental Aflac Coverage	310.48
Vendor 10098 - AFLAC Total:					620.96
Vendor: 10739 - Airespring					
Airespring	08/08/2019	10837	25-00-000-5210	Takiff Fiber Internet - July	1,743.56
Vendor 10739 - Airespring Total:					1,743.56
Vendor: 11275 - Albertsons Safeway					
Albertsons Safeway	07/25/2019	10801	25-25-812-5400	Camp Supplies	16.57
Albertsons Safeway	07/25/2019	10801	25-25-813-5400	Camp Supplies	34.01
Albertsons Safeway	07/25/2019	10801	25-26-000-5403	Day Care Program Supplies	64.81
Vendor 11275 - Albertsons Safeway Total:					115.39
Vendor: 10864 - All About Childcare Health, Ltd.					
All About Childcare Health, Lt	07/17/2019	10741	25-26-000-5387	Day Care Nurse Services	90.00
Vendor 10864 - All About Childcare Health, Ltd. Total:					90.00
Vendor: 10973 - Altamanu, Inc.					
Altamanu, Inc.	08/08/2019	10838	69-00-000-5553	Contractual - Connect Glenco	5,103.72
Altamanu, Inc.	08/08/2019	10838	69-00-000-5570	Contractual - Lincoln Playgrou	3,402.47
Altamanu, Inc.	08/13/2019	10902	69-00-000-5560	Design/Const Mgmt - Takiff Pl	1,031.65
Vendor 10973 - Altamanu, Inc. Total:					9,537.84
Vendor: 10140 - Althoff Industries, Inc.					
Althoff Industries, Inc.	08/13/2019	10903	25-00-000-5355	Takiff HVAC Mo Maint - Sept	757.00
Vendor 10140 - Althoff Industries, Inc. Total:					757.00
Vendor: 10946 - Amazon Capital Services					
Amazon Capital Services	07/23/2019	10779	10-11-000-5342	Admin Meeting Supplies	11.45
Amazon Capital Services	07/23/2019	10779	10-12-000-5450	Equipment Parts - Parks	159.99
Amazon Capital Services	07/23/2019	10779	10-14-000-5420	General Beach Supplies	121.25
Amazon Capital Services	07/23/2019	10779	10-14-000-5430	First Aid Supplies - Beach	75.97
Amazon Capital Services	07/23/2019	10779	10-15-000-5420	General Boat Supplies	250.11
Amazon Capital Services	07/23/2019	10779	10-15-000-5430	First Aid Supplies - Boathouse	75.96
Amazon Capital Services	07/23/2019	10779	25-00-000-5420	General Rec Supplies	108.41
Amazon Capital Services	07/23/2019	10779	25-00-000-5580	Heavy Duty Folding Tables - R	1,158.34
Amazon Capital Services	07/23/2019	10779	25-25-401-5400	ELC Supplies	50.00
Amazon Capital Services	07/23/2019	10779	25-25-402-5400	ELC Supplies	50.00
Amazon Capital Services	07/23/2019	10779	25-25-403-5400	ELC Supplies	50.00
Amazon Capital Services	07/23/2019	10779	25-25-770-5400	Tennis Supplies	66.76

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Amazon Capital Services	07/23/2019	10779	25-25-803-5400	Camp Supplies	27.56
Amazon Capital Services	07/23/2019	10779	25-25-835-5400	Aquatics Camp Supplies	134.73
Amazon Capital Services	07/23/2019	10779	25-25-836-5400	Sailing Camp Supplies	127.24
Amazon Capital Services	07/23/2019	10779	25-25-910-5400	July 4th Supplies	176.37
Amazon Capital Services	07/23/2019	10779	25-25-911-5400	Beach Campout Supplies	93.84
Amazon Capital Services	07/23/2019	10779	25-26-000-5403	Day Care Program Supplies	425.81
Amazon Capital Services	07/23/2019	10779	25-26-000-5460	Day Care Food Equipment	79.98
Amazon Capital Services	07/23/2019	10779	25-27-000-5420	General Fitness Supplies	72.29
Amazon Capital Services	08/08/2019	10839	10-14-000-5430	First Aid Supplies - Beach	10.99
Amazon Capital Services	08/08/2019	10839	10-15-000-5420	General Boat Supplies	14.82
Amazon Capital Services	08/08/2019	10839	10-15-000-5421	Boat Office Supplies	12.98
Amazon Capital Services	08/08/2019	10839	10-15-000-5430	First Aid Supplies - Boat	10.99
Amazon Capital Services	08/08/2019	10839	25-00-000-5401	Rec Office Supplies	18.99
Amazon Capital Services	08/08/2019	10839	25-00-000-5401	Rec Office Supplies	18.25
Amazon Capital Services	08/08/2019	10839	25-00-000-5412	Cleaning Supplies - Takiff	6.00
Amazon Capital Services	08/08/2019	10839	25-00-000-5420	General Supplies - Rec	21.80
Amazon Capital Services	08/08/2019	10839	25-00-000-5420	General Supplies - Rec	31.48
Amazon Capital Services	08/08/2019	10839	25-00-000-5420	General Supplies - Rec	16.46
Amazon Capital Services	08/08/2019	10839	25-00-000-5430	First Aid Supplies	8.17
Amazon Capital Services	08/08/2019	10839	25-00-000-5584	General Recreation Supplies	89.99
Amazon Capital Services	08/08/2019	10839	25-25-315-5400	Ceramics Supplies	19.46
Amazon Capital Services	08/08/2019	10839	25-25-801-5400	Camp Supplies	30.26
Amazon Capital Services	08/08/2019	10839	25-25-810-5400	Camp Supplies	30.26
Amazon Capital Services	08/08/2019	10839	25-25-835-5400	Camp Supplies	164.50
Amazon Capital Services	08/08/2019	10839	25-25-836-5400	Camp Supplies	164.50
Amazon Capital Services	08/08/2019	10839	25-26-000-5403	Day Care Program Supplies	237.98
Vendor 10946 - Amazon Capital Services Total:					4,223.94
Vendor: 10145 - American Backflow Prevention					
American Backflow Preventio	07/17/2019	10742	10-12-000-5352	Repairs - Kalk Backflow/Berlin	593.95
Vendor 10145 - American Backflow Prevention Total:					593.95
Vendor: 10147 - American Outfitters, Ltd.					
American Outfitters, Ltd.	07/17/2019	10743	25-00-000-5422	Uniforms - Takiff Staff	598.20
American Outfitters, Ltd.	08/08/2019	10841	25-25-401-5400	T-Shirts - ELC	80.00
American Outfitters, Ltd.	08/08/2019	10841	25-25-402-5400	T-Shirts - ELC	140.00
American Outfitters, Ltd.	08/08/2019	10841	25-25-403-5400	T-Shirts - ELC	80.00
American Outfitters, Ltd.	08/08/2019	10841	25-26-000-5403	T-Shirts - Day Care	400.00
Vendor 10147 - American Outfitters, Ltd. Total:					1,298.20
Vendor: 10050 - Ancel, Glink P.C.					
Ancel, Glink P.C.	07/17/2019	10744	10-11-000-5310	Legal Services - June	1,167.50
Ancel, Glink P.C.	08/13/2019	10905	10-11-000-5310	Legal Services - July	1,721.25
Vendor 10050 - Ancel, Glink P.C. Total:					2,888.75
Vendor: 10970 - Aquarius Sail of Wisconsin					
Aquarius Sail of Wisconsin	07/17/2019	10745	10-15-000-5351	Replacement Hobie Parts	928.33
Aquarius Sail of Wisconsin	07/25/2019	10803	25-25-835-5400	Hobie Getaway Boat Parts	161.71
Aquarius Sail of Wisconsin	07/25/2019	10803	25-25-836-5400	Hobie Getaway Boat Parts	161.71
Vendor 10970 - Aquarius Sail of Wisconsin Total:					1,251.75
Vendor: 10162 - AT & T					
AT & T	07/25/2019	10804	10-12-000-5210	Phone Svc - Parks	61.91
AT & T	07/25/2019	10804	10-13-000-5210	Phone Svc - Watts	52.44
AT & T	07/25/2019	10804	25-00-000-5210	Phone Svc - Takiff	1,782.29
Vendor 10162 - AT & T Total:					1,896.64
Vendor: 10455 - AT & T					
AT & T	08/08/2019	10842	10-14-000-5210	DSL Service - Beach	168.95
Vendor 10455 - AT & T Total:					168.95
Vendor: 11420 - Avidia					
Avidia	07/31/2019	10834	65-00-019-5522	50% Deposit-IT Expansion Fib	1,718.00
Vendor 11420 - Avidia Total:					1,718.00

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Vendor: 11421 - Bill's Auto & Truck Repair					
Bill's Auto & Truck Repair	08/08/2019	10843	10-12-000-5351	Equipment Repairs - Parks	12.99
Vendor 11421 - Bill's Auto & Truck Repair Total:					12.99
Vendor: 10473 - BMO Harris Bank N.A.					
BMO Harris Bank N.A.	07/17/2019	10774	10-11-000-5342	Admin Meeting Expenses	1,070.30
BMO Harris Bank N.A.	07/17/2019	10774	10-11-000-5402	Digital Newspaper Subscriptio	15.96
BMO Harris Bank N.A.	07/17/2019	10774	10-12-000-5342	CREDIT - Tax Charged	-21.54
BMO Harris Bank N.A.	07/17/2019	10774	10-12-000-5421	Parks Rain Apparel	567.84
BMO Harris Bank N.A.	07/17/2019	10774	10-12-000-5584	Rec Equipment - Parks	949.96
BMO Harris Bank N.A.	07/17/2019	10774	10-14-000-4910	Test Charges for Beach Regist	15.00
BMO Harris Bank N.A.	07/17/2019	10774	10-14-000-5340	Waterfront Lifeguard Certifica	252.00
BMO Harris Bank N.A.	07/17/2019	10774	10-14-000-5360	Marketing - Beach	349.45
BMO Harris Bank N.A.	07/17/2019	10774	10-14-000-5430	CREDIT - AED Supplies Return	-206.10
BMO Harris Bank N.A.	07/17/2019	10774	10-15-000-5340	CREDIT - AED Supplies	-206.10
BMO Harris Bank N.A.	07/17/2019	10774	25-00-000-5321	Email Marketing Software	132.81
BMO Harris Bank N.A.	07/17/2019	10774	25-00-000-5340	Cost Recovery Training	329.00
BMO Harris Bank N.A.	07/17/2019	10774	25-00-000-5360	iCloud Storage	0.99
BMO Harris Bank N.A.	07/17/2019	10774	25-00-000-5360	Marketing	1,044.48
BMO Harris Bank N.A.	07/17/2019	10774	25-00-000-5362	Stock Photography	147.00
BMO Harris Bank N.A.	07/17/2019	10774	25-00-000-5404	DocuSign Software	480.00
BMO Harris Bank N.A.	07/17/2019	10774	25-00-000-5420	General Rec Supplies	426.91
BMO Harris Bank N.A.	07/17/2019	10774	25-00-000-5422	Parks Rain Apparel	284.00
BMO Harris Bank N.A.	07/17/2019	10774	25-25-791-5400	Pickleball Nets	237.49
BMO Harris Bank N.A.	07/17/2019	10774	25-25-801-5300	Contractual - Camp Trip	3,192.84
BMO Harris Bank N.A.	07/17/2019	10774	25-25-801-5400	Camp Supplies	1,370.98
BMO Harris Bank N.A.	07/17/2019	10774	25-25-803-5400	Camp Supplies	306.96
BMO Harris Bank N.A.	07/17/2019	10774	25-25-809-5400	Camp Supplies	27.32
BMO Harris Bank N.A.	07/17/2019	10774	25-25-810-5300	Contractual - Camp Trips	1,962.92
BMO Harris Bank N.A.	07/17/2019	10774	25-25-810-5400	Camp Supplies	733.51
BMO Harris Bank N.A.	07/17/2019	10774	25-25-811-5400	Camp Supplies	127.32
BMO Harris Bank N.A.	07/17/2019	10774	25-25-812-5400	Camp Supplies	127.32
BMO Harris Bank N.A.	07/17/2019	10774	25-25-813-5400	Camp Supplies	277.32
BMO Harris Bank N.A.	07/17/2019	10774	25-25-833-5300	Contractual - Camp Trips	1,710.46
BMO Harris Bank N.A.	07/17/2019	10774	25-25-833-5400	Camp Supplies	434.71
BMO Harris Bank N.A.	07/17/2019	10774	25-25-835-5400	Aquatics Camp Supplies	121.49
BMO Harris Bank N.A.	07/17/2019	10774	25-25-836-5400	Sailing Camp Supplies	121.51
BMO Harris Bank N.A.	07/17/2019	10774	25-25-910-5400	July 4th Supplies	2,129.32
BMO Harris Bank N.A.	07/17/2019	10774	25-26-000-5360	Care.com Monthly Subscripti	75.00
BMO Harris Bank N.A.	07/17/2019	10774	25-26-000-5404	Day Care App	175.00
BMO Harris Bank N.A.	07/17/2019	10774	25-27-000-5420	Fitness Shower Toiletries	191.56
Vendor 10473 - BMO Harris Bank N.A. Total:					18,954.99
Vendor: 10182 - BSN Sports					
BSN Sports	07/29/2019	10818	10-12-000-5496	Athletic Field Maint Supplies	2,466.64
BSN Sports	07/29/2019	10818	65-00-019-5512	Baseball/Soccer Field Mainte	2,339.86
BSN Sports	08/13/2019	10906	10-12-000-5584	General Equipment - Parks	2,386.72
BSN Sports	08/13/2019	10906	65-00-019-5512	Baseball/Soccer Field Mainte	2,142.93
Vendor 10182 - BSN Sports Total:					9,336.15
Vendor: 10184 - Burriss Equipment Company					
Burriss Equipment Company	07/17/2019	10746	25-25-910-5300	Light Tower Rental - July 4th	1,104.63
Vendor 10184 - Burriss Equipment Company Total:					1,104.63
Vendor: 10656 - Call One					
Call One	07/17/2019	10747	25-00-000-5210	T1 Line - Watts	353.02
Call One	08/13/2019	10907	25-00-000-5210	T1 Line - Watts	357.10
Vendor 10656 - Call One Total:					710.12
Vendor: 11422 - Carl Rosenthal					
Carl Rosenthal	08/08/2019	10844	25-25-791-5300	Contractual - Pickleball Works	1,364.25
Vendor 11422 - Carl Rosenthal Total:					1,364.25

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Vendor: 10441 - Carole K Pearlman					
Carole K Pearlman	07/17/2019	10748	25-25-627-5300	Reissue Lost Check - Contract	1,701.00
Vendor 10441 - Carole K Pearlman Total:					1,701.00
Vendor: 10187 - Cawley Company					
Cawley Company	07/23/2019	10781	10-11-000-5420	Staff Name Tags	22.62
Cawley Company	08/08/2019	10845	25-00-000-5420	Staff Name Tags	14.72
Vendor 10187 - Cawley Company Total:					37.34
Vendor: 10190 - Ceramic Supply Chicago, Inc.					
Ceramic Supply Chicago, Inc.	08/13/2019	10908	25-25-615-5400	Ceramics Supplies	1,170.00
Vendor 10190 - Ceramic Supply Chicago, Inc. Total:					1,170.00
Vendor: 10552 - Chicago Tribune Media Group					
Chicago Tribune Media Group	07/17/2019	10749	10-11-000-5311	Legal Notices	32.58
Chicago Tribune Media Group	08/13/2019	10909	10-11-000-5311	Legal Notices	146.76
Vendor 10552 - Chicago Tribune Media Group Total:					179.34
Vendor: 10202 - Classic Design Awards					
Classic Design Awards	08/13/2019	10910	10-11-000-5420	Plaques - Loss Control	14.65
Classic Design Awards	08/13/2019	10910	10-12-000-5585	Bench Replacement Plaques	901.55
Vendor 10202 - Classic Design Awards Total:					916.20
Vendor: 10802 - Clauss Brothers Inc.					
Clauss Brothers Inc.	07/23/2019	10782	10-12-000-5350	Takiff Bioswale Maint Contrac	7,298.40
Vendor 10802 - Clauss Brothers Inc. Total:					7,298.40
Vendor: 10505 - Comcast					
Comcast	07/17/2019	10750	10-12-000-5210	Internet/Cable - Parks	108.55
Comcast	08/08/2019	10846	10-13-000-5210	Cable TV/Internet - Watts	130.82
Comcast	08/13/2019	10911	10-12-000-5210	Internet Svc - Parks	108.55
Vendor 10505 - Comcast Total:					347.92
Vendor: 10208 - Commonwealth Edison					
Commonwealth Edison	07/29/2019	10819	10-12-000-5230	Electricity - Parks	30.23
Commonwealth Edison	08/08/2019	10847	10-12-000-5230	Electricity - Parks	491.43
Commonwealth Edison	08/08/2019	10847	10-13-000-5230	Electricity - Watts	854.72
Commonwealth Edison	08/08/2019	10847	10-14-000-5230	Electricity - Beach	534.96
Commonwealth Edison	08/08/2019	10847	10-15-000-5230	Electricity - Boathouse	121.33
Commonwealth Edison	08/08/2019	10847	25-00-000-5230	Electricity - Takiff	11,796.73
Vendor 10208 - Commonwealth Edison Total:					13,829.40
Vendor: 10210 - Conserv FS					
Conserv FS	07/23/2019	10783	10-12-000-5493	Fertilizer/Chemicals	45.00
Conserv FS	07/23/2019	10783	65-00-019-5512	Baseball/Soccer Field Maint	2,454.80
Conserv FS	08/13/2019	10912	10-12-000-5493	Fertilizer/Chemicals	3,189.19
Vendor 10210 - Conserv FS Total:					5,688.99
Vendor: 11406 - Court & Sport Inc.					
Court & Sport Inc.	08/08/2019	10848	65-00-019-5509	Color Coat Watts Tennis Cour	16,135.00
Vendor 11406 - Court & Sport Inc. Total:					16,135.00
Vendor: 10215 - Craftwood Lumber Company					
Craftwood Lumber Company	08/08/2019	10849	10-12-000-5481	Construction Supplies - Parks	11.78
Craftwood Lumber Company	08/08/2019	10849	10-12-000-5482	Hardware - Parks	49.89
Craftwood Lumber Company	08/08/2019	10849	10-12-000-5490	Plantings/Flowers	43.44
Craftwood Lumber Company	08/08/2019	10849	10-14-000-5481	Construction Supplies - Beach	30.75
Craftwood Lumber Company	08/08/2019	10849	10-14-000-5483	Paint - Beach	14.97
Craftwood Lumber Company	08/08/2019	10849	10-15-000-5481	Construction Supplies - Boath	6.50
Craftwood Lumber Company	08/08/2019	10849	10-15-000-5486	Plumbing Supplies - Boathous	108.93
Craftwood Lumber Company	08/08/2019	10849	25-00-000-5481	Construction Supplies - Takiff	101.55
Craftwood Lumber Company	08/08/2019	10849	25-00-000-5482	Hardware - Takiff	78.88
Vendor 10215 - Craftwood Lumber Company Total:					446.69
Vendor: 11398 - Creekside Operating, LLC					
Creekside Operating, LLC	07/23/2019	10784	25-00-000-5360	Printing - Fall Brochure	5,667.07
Vendor 11398 - Creekside Operating, LLC Total:					5,667.07

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Vendor: 11417 - Daihohs USA, Inc.					
Daihohs USA, Inc.	07/23/2019	10785	10-11-000-5420	Takiff Coffee Supplies	95.81
Vendor 11417 - Daihohs USA, Inc. Total:					95.81
Vendor: 10333 - Dermatec Direct					
Dermatec Direct	08/08/2019	10850	25-26-000-5430	Diapering Supplies	821.48
Vendor 10333 - Dermatec Direct Total:					821.48
Vendor: 11219 - Direct Fitness Solutions					
Direct Fitness Solutions	08/08/2019	10851	25-27-000-5351	Software Repair on Fitness Eq	155.00
Direct Fitness Solutions	08/13/2019	10913	25-27-000-5351	Incline Diagnostic on Treadmil	115.00
Vendor 11219 - Direct Fitness Solutions Total:					270.00
Vendor: 10334 - Discount School Supply					
Discount School Supply	08/13/2019	10914	25-25-401-5400	ELC Supplies	15.00
Discount School Supply	08/13/2019	10914	25-25-402-5400	ELC Supplies	50.00
Discount School Supply	08/13/2019	10914	25-25-403-5400	ELC Supplies	15.00
Discount School Supply	08/13/2019	10914	25-26-000-5403	Day Care Pgm Supplies	333.95
Vendor 10334 - Discount School Supply Total:					413.95
Vendor: 10335 - Domino's Pizza					
Domino's Pizza	07/17/2019	10751	25-25-801-5400	Camp Lunches	265.03
Domino's Pizza	07/17/2019	10751	25-25-810-5400	Camp Lunches	265.04
Domino's Pizza	07/17/2019	10751	25-25-833-5400	Camp Lunches	80.36
Domino's Pizza	07/23/2019	10786	25-25-601-5400	Kids Club Snack	44.70
Domino's Pizza	07/23/2019	10786	25-25-801-5400	Camp Lunches	23.67
Domino's Pizza	07/23/2019	10786	25-25-810-5400	Camp Lunches	23.73
Vendor 10335 - Domino's Pizza Total:					702.53
Vendor: 10848 - Entertainment Concepts					
Entertainment Concepts	07/29/2019	10820	25-25-911-5300	Contractual - Movie Screen fo	1,000.00
Vendor 10848 - Entertainment Concepts Total:					1,000.00
Vendor: 10341 - Excalibur Technology Corporation					
Excalibur Technology Corpora	07/17/2019	10752	10-11-000-5355	Add'l TSS - Workstations (July	138.00
Excalibur Technology Corpora	07/17/2019	10752	65-00-019-5502	Add'l TSS - Workstations (July	1,709.75
Excalibur Technology Corpora	07/25/2019	10805	65-00-019-5501	IT Expansion Proj Switches	11,504.75
Excalibur Technology Corpora	08/08/2019	10852	10-11-000-5355	TSS - Sept	6,360.80
Excalibur Technology Corpora	08/08/2019	10852	25-00-000-5321	Fall Regis Onsite/WebTrac Ho	924.00
Excalibur Technology Corpora	08/08/2019	10853	65-00-019-5501	Special License Req - Cisco Sw	1,504.00
Vendor 10341 - Excallbur Technology Corporation Total:					22,141.30
Vendor: 10402 - F.J. Kerrigan Plumbing Co.					
F.J. Kerrigan Plumbing Co.	07/17/2019	10753	10-14-000-5351	Equipment Repairs - Beach	1,390.33
F.J. Kerrigan Plumbing Co.	08/08/2019	10854	10-14-000-5350	Building Repairs - Beach	656.00
F.J. Kerrigan Plumbing Co.	08/08/2019	10854	69-00-000-5912	Boathouse ADA Bathrooms	2,395.00
Vendor 10402 - F.J. Kerrigan Plumbing Co. Total:					4,441.33
Vendor: 10673 - FAMOSI DJ Entertainment					
FAMOSI DJ Entertainment	07/17/2019	10754	25-25-801-5300	Contractual - DJ for Camp	432.50
FAMOSI DJ Entertainment	07/17/2019	10754	25-25-810-5300	Contractual - DJ for Camp	432.50
FAMOSI DJ Entertainment	07/29/2019	10821	25-25-801-5300	Contractual - DJ for Camp Eve	765.00
FAMOSI DJ Entertainment	07/29/2019	10821	25-25-810-5300	Contractual - DJ for Camp Eve	765.00
Vendor 10673 - FAMOSI DJ Entertainment Total:					2,395.00
Vendor: 10344 - FedEx					
FedEx	08/08/2019	10855	25-00-000-5301	Shipping	62.49
Vendor 10344 - FedEx Total:					62.49
Vendor: 10405 - First Student					
First Student	07/17/2019	10755	25-25-801-5300	Contractual - Camp Bussing	1,100.82
First Student	07/17/2019	10755	25-25-810-5300	Contractual - Camp Bussing	833.63
First Student	07/17/2019	10755	25-25-833-5300	Contractual - Camp Bussing	256.50
First Student	08/08/2019	10856	25-25-801-5300	Contractual Camp Bussing	2,426.07
First Student	08/08/2019	10856	25-25-803-5300	Contractual Camp Bussing	523.69
First Student	08/08/2019	10856	25-25-809-5300	Contractual Camp Bussing	171.00
First Student	08/08/2019	10856	25-25-810-5300	Contractual Camp Bussing	929.81

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
First Student	08/08/2019	10856	25-25-813-5300	Contractual Camp Bussing	138.94
First Student	08/08/2019	10856	25-25-833-5300	Contractual Camp Bussing	1,442.81
First Student	08/08/2019	10856	25-26-000-5386	Contractual Day Care Bussing	245.82
Vendor 10405 - First Student Total:					8,069.09
Vendor: 10570 - FP Mailing Solutions					
FP Mailing Solutions	08/08/2019	10857	10-11-000-5370	Postage Machine Rental	152.85
Vendor 10570 - FP Mailing Solutions Total:					152.85
Vendor: 10346 - Fun Express					
Fun Express	07/23/2019	10787	25-26-000-5403	Day Care Program Supplies	129.49
Vendor 10346 - Fun Express Total:					129.49
Vendor: 10451 - G & O Thermal Supply Co					
G & O Thermal Supply Co	07/17/2019	10756	25-00-000-5451	Building Parts - Takiff	40.15
Vendor 10451 - G & O Thermal Supply Co Total:					40.15
Vendor: 10361 - Glencoe Junior High Project					
Glencoe Junior High Project	07/17/2019	10757	25-00-000-5740	Quarterly Contribution - 2nd	2,500.00
Vendor 10361 - Glencoe Junior High Project Total:					2,500.00
Vendor: 10076 - Glencoe Junior Kindergarten					
Glencoe Junior Kindergarten	08/08/2019	10858	25-25-471-5300	Payment #5 - Sch Year 19/20	1,435.50
Glencoe Junior Kindergarten	08/08/2019	10858	25-25-472-5300	Payment #5 - Sch Year 19/20	4,671.00
Glencoe Junior Kindergarten	08/08/2019	10858	25-25-473-5300	Payment #5 - Sch Year 19/20	3,226.50
Glencoe Junior Kindergarten	08/08/2019	10858	25-25-474-5300	Payment #5 - Sch Year 19/20	1,414.13
Glencoe Junior Kindergarten	08/08/2019	10858	25-25-476-5300	Payment #3 - Camp	1,879.50
Vendor 10076 - Glencoe Junlor Kindergarten Total:					12,626.63
Vendor: 10364 - Glencoe Youth Services					
Glencoe Youth Services	07/17/2019	10758	25-00-000-5740	Quarterly Contribution - 2nd	2,750.00
Vendor 10364 - Glencoe Youth Services Total:					2,750.00
Vendor: 10884 - Glenview Park District					
Glenview Park District	07/17/2019	10759	25-25-810-5300	Contractual - Camp Trips	47.50
Glenview Park District	07/17/2019	10759	25-25-833-5300	Contractual - Camp Trips	67.50
Glenview Park District	08/08/2019	10859	25-25-810-5300	Contractual - Camp Field Trip	47.50
Glenview Park District	08/08/2019	10859	25-25-833-5300	Contractual - Camp Field Trip	67.50
Vendor 10884 - Glenview Park District Total:					230.00
Vendor: 10370 - Grainger Inc.					
Grainger Inc.	08/13/2019	10915	25-00-000-5412	Takiff Cleaning Supplies	334.50
Vendor 10370 - Grainger Inc. Total:					334.50
Vendor: 10325 - Grand Food Center					
Grand Food Center	07/23/2019	10788	10-14-000-5420	Beach Supplies	46.93
Grand Food Center	07/23/2019	10788	25-25-910-5400	July 4th Supplies	97.05
Grand Food Center	07/23/2019	10788	25-26-000-5409	Day Care Milk/Food Supplies	118.07
Vendor 10325 - Grand Food Center Total:					262.05
Vendor: 10379 - HD Supply Facilities Maintenance					
HD Supply Facilities Maintena	07/17/2019	10760	25-00-000-5360	Marketing - A Frame Signs	512.94
HD Supply Facilities Maintena	08/08/2019	10860	25-00-000-5412	Cleaning Supplies - Takiff	1,348.14
Vendor 10379 - HD Supply Facilities Maintenance Total:					1,861.08
Vendor: 10381 - Highland Park Electric Inc.					
Highland Park Electric Inc.	08/13/2019	10916	10-12-000-5352	Building Repairs - Parks	565.90
Vendor 10381 - Highland Park Electric Inc. Total:					565.90
Vendor: 10384 - Home Depot Credit Services					
Home Depot Credit Services	07/23/2019	10789	10-12-000-5484	Electrical Supplies - Parks	497.72
Home Depot Credit Services	07/23/2019	10789	10-15-000-5486	Plumbing Supplies - Boathous	67.67
Home Depot Credit Services	07/23/2019	10789	25-00-000-5451	Building Parts - Takiff	169.92
Home Depot Credit Services	07/23/2019	10789	25-25-910-5400	Supplies - July 4th	249.02
Home Depot Credit Services	07/23/2019	10789	25-25-956-5400	Supplies - Sesquicentennial	119.88
Vendor 10384 - Home Depot Credit Services Total:					1,104.21
Vendor: 10068 - Hot Shots Sports					
Hot Shots Sports	08/08/2019	10861	25-25-586-5300	Contractual - Winter/Spring S	3,601.50

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount	
Hot Shots Sports	08/08/2019	10861	25-25-705-5300	Contractual - Winter/Spring S	1,134.00	
Hot Shots Sports	08/08/2019	10861	25-25-744-5300	Contractual - Winter/Spring S	1,911.00	
Hot Shots Sports	08/08/2019	10861	25-25-746-5300	Contractual - Winter/Spring S	3,588.00	
Hot Shots Sports	08/08/2019	10861	25-25-747-5300	Contractual - Winter/Spring S	4,777.50	
Hot Shots Sports	08/08/2019	10861	25-25-789-5300	Contractual - Winter/Spring S	3,370.00	
Vendor 10934 - IC Signs & Graphics					Vendor 10934 - IC Signs & Graphics Total:	18,382.00
IC Signs & Graphics	07/23/2019	10790	10-15-000-5360	Signage - Boating	100.00	
IC Signs & Graphics	07/23/2019	10790	25-00-000-5360	Signage - Takiff	328.00	
Vendor 10934 - IC Signs & Graphics					Vendor 10934 - IC Signs & Graphics Total:	428.00
Vendor: 10557 - IL Dept of Employment Security						
IL Dept of Employment Securi	08/13/2019	10917	45-00-000-5653	2nd Qtr Unemployment	508.00	
Vendor 10557 - IL Dept of Employment Security					Vendor 10557 - IL Dept of Employment Security Total:	508.00
Vendor: 10100 - IL Dept of Revenue						
IL Dept of Revenue	07/19/2019	DFT0000865	10-00-000-2110	IL State Tax W/H	8,170.86	
IL Dept of Revenue	08/02/2019	DFT0000872	10-00-000-2110	IL State Tax W/H	8,456.90	
Vendor 10100 - IL Dept of Revenue					Vendor 10100 - IL Dept of Revenue Total:	16,627.76
Vendor: 10101 - Illinois Municipal Retirement Fund						
Illinois Municipal Retirement	07/31/2019	DFT0000868	10-00-000-2150	IMRF Contribution - July 2019	39,183.70	
Illinois Municipal Retirement	07/31/2019	DFT0000868	10-00-000-2155	VAC Contribution - July 2019	4,129.00	
Vendor 10101 - Illinois Municipal Retirement Fund					Vendor 10101 - Illinois Municipal Retirement Fund Total:	43,312.70
Vendor: 10396 - International Society of Arboriculture						
International Society of Arbor	07/23/2019	10791	10-12-000-5344	Arborist License - Keefe	180.00	
Vendor 10396 - International Society of Arboriculture					Vendor 10396 - International Society of Arboriculture Total:	180.00
Vendor: 10106 - IRS/Dept of Treasury						
IRS/Dept of Treasury	07/19/2019	DFT0000863	10-00-000-2120	Social Security W/H	22,863.98	
IRS/Dept of Treasury	07/19/2019	DFT0000864	10-00-000-2130	Medicare	5,347.40	
IRS/Dept of Treasury	07/19/2019	DFT0000866	10-00-000-2100	Fed Income Tax W/H	13,718.41	
IRS/Dept of Treasury	08/02/2019	DFT0000870	10-00-000-2120	Social Security W/H	23,560.64	
IRS/Dept of Treasury	08/02/2019	DFT0000871	10-00-000-2130	Medicare	5,510.32	
IRS/Dept of Treasury	08/02/2019	DFT0000873	10-00-000-2100	Fed Income Tax W/H	14,427.86	
Vendor 10106 - IRS/Dept of Treasury					Vendor 10106 - IRS/Dept of Treasury Total:	85,428.61
Vendor: 10601 - Jamle Martin						
Jamle Martin	07/17/2019	10761	25-25-908-5300	Contractual - Tots N Tunes Pe	900.00	
Vendor 10601 - Jamle Martin					Vendor 10601 - Jamle Martin Total:	900.00
Vendor: 11423 - Jump Zone						
Jump Zone	08/08/2019	10862	25-25-801-5300	Contractual - Camp Trip Bal D	1,016.00	
Vendor 11423 - Jump Zone					Vendor 11423 - Jump Zone Total:	1,016.00
Vendor: 11152 - JW Turf, Inc.						
JW Turf, Inc.	07/17/2019	10762	10-12-000-5496	Athletic Field Maintenance Su	301.97	
JW Turf, Inc.	07/23/2019	10792	10-12-000-5450	Equipment Parts - Parks	2,457.43	
JW Turf, Inc.	07/29/2019	10822	10-12-000-5450	Equipment Parts - Parks	372.79	
JW Turf, Inc.	08/08/2019	10863	10-12-000-5450	Equipment Parts - Parks	381.16	
Vendor 11152 - JW Turf, Inc.					Vendor 11152 - JW Turf, Inc. Total:	3,513.35
Vendor: 10401 - Ken's Quick Print Inc.						
Ken's Quick Print Inc.	07/25/2019	10806	25-00-000-5360	Business Cards (Shannon)	109.95	
Vendor 10401 - Ken's Quick Print Inc.					Vendor 10401 - Ken's Quick Print Inc. Total:	109.95
Vendor: 11395 - Kit Ying Wong						
Kit Ying Wong	08/08/2019	10864	25-25-786-5300	Contractual - Fitness Classes	180.00	
Vendor 11395 - Kit Ying Wong					Vendor 11395 - Kit Ying Wong Total:	180.00
Vendor: 10404 - Konica Minolta Business Solutions USA Inc.						
Konica Minolta Business Solut	07/17/2019	10763	10-11-000-5355	Copy Machine Mo Maint - Jul	102.15	
Konica Minolta Business Solut	07/17/2019	10763	25-00-000-5355	Copy Machine Mo Maint - Jul	534.01	
Konica Minolta Business Solut	08/13/2019	10918	10-11-000-5355	Copy Machine Mo Maint - Jul	94.14	
Konica Minolta Business Solut	08/13/2019	10918	25-00-000-5355	Copy Machine Mo Maint - Jul	449.48	
Vendor 10404 - Konica Minolta Business Solutions USA Inc.					Vendor 10404 - Konica Minolta Business Solutions USA Inc. Total:	1,179.78

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Vendor: 10360 - Lowe's Business Acct/GEMB					
Lowe's Business Acct/GEMB	08/13/2019	10919	10-12-000-5481	Construction Supplies - Parks	567.14
Lowe's Business Acct/GEMB	08/13/2019	10919	10-12-000-5490	Plantings/Flowers	620.20
Lowe's Business Acct/GEMB	08/13/2019	10919	10-12-000-5491	Greenhouse Supplies	36.84
Lowe's Business Acct/GEMB	08/13/2019	10919	10-13-000-5488	Hand Tools - Watts	100.00
Lowe's Business Acct/GEMB	08/13/2019	10919	10-14-000-5488	Hand Tools - Beach	100.00
Lowe's Business Acct/GEMB	08/13/2019	10919	10-15-000-5488	Hand Tools - Boathouse	50.00
Vendor 10360 - Lowe's Business Acct/GEMB Total:					1,474.18
Vendor: 10082 - Marianne Nicolosi					
Marianne Nicolosi	08/08/2019	10865	25-25-785-5300	Contractual - Fitness Classes	381.39
Vendor 10082 - Marianne Nicolosi Total:					381.39
Vendor: 10160 - Market Access					
Market Access	08/13/2019	10920	10-14-000-5305	Liquor Liability Insurance	875.00
Vendor 10160 - Market Access Total:					875.00
Vendor: 11142 - Martin Implement Sales, Inc.					
Martin Implement Sales, Inc.	08/13/2019	10921	65-00-019-5512	Baseball/Soccer Field Mainte	800.00
Vendor 11142 - Martin Implement Sales, Inc. Total:					800.00
Vendor: 10174 - MCI					
MCI	07/29/2019	10823	25-00-000-5210	Long Distance Phone Svc	67.67
Vendor 10174 - MCI Total:					67.67
Vendor: 10181 - Melrose Pyrotechnics Inc.					
Melrose Pyrotechnics Inc.	07/17/2019	10764	25-25-910-5300	Contractual - July 4th Firewor	16,000.00
Melrose Pyrotechnics Inc.	07/17/2019	10764	25-25-956-5300	Contractual - July 4th Firewor	8,500.00
Vendor 10181 - Melrose Pyrotechnics Inc. Total:					24,500.00
Vendor: 10191 - Menoni & Mocogni					
Menoni & Mocogni	08/08/2019	10866	10-12-000-5481	Construction Supplies - Parks	543.75
Vendor 10191 - Menoni & Mocogni Total:					543.75
Vendor: 10636 - Michiana, LLC					
Michiana, LLC	07/17/2019	10765	25-25-801-5400	Camp Lunches	670.00
Vendor 10636 - Michiana, LLC Total:					670.00
Vendor: 10111 - Midland Funding LLC					
Midland Funding LLC	07/19/2019	10734	10-00-000-2190	Garnishment-Aviles,Case #18	231.26
Midland Funding LLC	08/02/2019	10813	10-00-000-2190	Garnishment-Aviles,Case #18	231.26
Vendor 10111 - Midland Funding LLC Total:					462.52
Vendor: 11267 - Milieu Design LLC					
Milieu Design LLC	07/17/2019	10766	10-12-000-5348	Shared Services - Landscaping	523.23
Milieu Design LLC	07/17/2019	10766	10-12-000-5349	Contractual Mowing	2,399.77
Milieu Design LLC	07/17/2019	10766	10-12-000-5585	Park Beautification - Lakefron	3,037.50
Milieu Design LLC	07/23/2019	10794	10-12-000-5348	Shared Svcs Landscaping	523.23
Milieu Design LLC	07/23/2019	10794	10-12-000-5349	Contractual - Mowing	2,399.77
Milieu Design LLC	07/29/2019	10824	10-12-000-5348	Shared Svcs - Landscaping	1,046.46
Milieu Design LLC	07/29/2019	10824	10-12-000-5349	Contractual - Mowing	4,799.54
Milieu Design LLC	08/08/2019	10867	10-12-000-5585	Park Beautification - Everly/T	10,125.00
Milieu Design LLC	08/13/2019	10922	10-12-000-5348	Shared Svcs - Landscaping	523.23
Milieu Design LLC	08/13/2019	10922	10-12-000-5349	Contractual Mowing	2,399.77
Vendor 11267 - Milieu Design LLC Total:					27,777.50
Vendor: 11319 - Monica McCarthy O'Connor					
Monica McCarthy O'Connor	08/08/2019	10868	25-25-785-5300	Contractual - Fitness Classes	185.70
Vendor 11319 - Monica McCarthy O'Connor Total:					185.70
Vendor: 10211 - Mundelein Park District					
Mundelein Park District	08/08/2019	10869	25-25-833-5300	Contractual - Camp Field Trip	262.00
Vendor 10211 - Mundelein Park District Total:					262.00
Vendor: 10213 - Mutual Ace Hardware					
Mutual Ace Hardware	08/08/2019	10870	10-12-000-5370	Parks Rental Equipment	669.20
Mutual Ace Hardware	08/08/2019	10870	10-12-000-5481	Construction Supplies - Parks	162.19
Mutual Ace Hardware	08/08/2019	10870	10-12-000-5482	Hardware - Parks	35.23

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Mutual Ace Hardware	08/08/2019	10870	10-12-000-5490	Plantings/Flowers	28.58
Mutual Ace Hardware	08/08/2019	10870	10-15-000-5486	Plumbing Supplies - Boathous	238.20
Mutual Ace Hardware	08/08/2019	10870	25-00-000-5488	Tools - Takiff	43.18
Mutual Ace Hardware	08/08/2019	10870	25-25-910-5400	July 4th Supplies	53.13
Mutual Ace Hardware	08/08/2019	10870	65-00-019-5512	Roller Machine Rent - Berlin/	3,656.80
Vendor 11425 - NAPA Auto Parts					
NAPA Auto Parts	08/13/2019	10923	10-12-000-5450	Equipment Parts - Parks	186.09
Vendor 10103 - NCPERS-IL IMRF					
NCPERS-IL IMRF	08/02/2019	10814	10-00-000-2160	IMRF Life-#03298	64.00
Vendor 10217 - Nels J. Johnson Tree Experts Inc.					
Nels J. Johnson Tree Experts I	07/17/2019	10767	10-12-000-5590	Tree Trimming	675.00
Nels J. Johnson Tree Experts I	08/08/2019	10871	10-12-000-5590	Tree Trimming	12,270.00
Nels J. Johnson Tree Experts I	08/13/2019	10924	10-12-000-5590	Tree Trimming	5,327.50
Vendor 11141 - North Shore Catering					
North Shore Catering	08/08/2019	10872	25-25-911-5300	Contractual - Beach Campout	2,124.00
Vendor 10224 - North Shore Gas Company					
North Shore Gas Company	08/08/2019	10873	10-12-000-5220	Gas/Heat - Parks	163.14
North Shore Gas Company	08/08/2019	10873	10-13-000-5220	Gas/Heat - Watts	140.82
North Shore Gas Company	08/08/2019	10873	10-14-000-5220	Gas/Heat - Beach	60.30
North Shore Gas Company	08/08/2019	10873	25-00-000-5220	Gas/Heat - Takiff	766.97
Vendor 10340 - Northshore Omega					
Northshore Omega	08/13/2019	10925	45-00-000-5335	Pre Placement Exam (Stevens)	56.00
Vendor 10227 - NRPA					
NRPA	07/23/2019	10795	10-11-000-5730	Annual Membership Dues	875.00
Vendor 10228 - NSSRA					
NSSRA	07/23/2019	10796	30-00-000-5589	New NSSRA Facility - Member	46,211.00
Vendor 10233 - Orkin Pest Control					
Orkin Pest Control	08/08/2019	10874	25-00-000-5355	Takiff Mo Exterminator - Aug	187.30
Vendor 10235 - Otis Elevator Company					
Otis Elevator Company	07/23/2019	10797	25-00-000-5352	Pressure Valve Relief Test (20	790.00
Otis Elevator Company	07/23/2019	10797	25-00-000-5355	Takiff Elevator Mo Maint - Au	482.97
Vendor 10110 - PACT Administrative Services Corp					
PACT Administrative Services	07/25/2019	10807	10-11-000-5600	FSAM Monthly Fee - August	77.00
PACT Administrative Services	08/08/2019	10875	10-00-000-2175	FSA Plan Contributions - July	1,690.39
Vendor 10104 - Partnership Financial Credit Union					
Partnership Financial Credit U	07/19/2019	10735	10-00-000-2180	#110071680 Barrios	120.00
Partnership Financial Credit U	07/19/2019	10735	10-00-000-2180	#86720 Janis	30.00
Partnership Financial Credit U	07/19/2019	10735	10-00-000-2180	#95910 Mensinger	275.00
Partnership Financial Credit U	07/19/2019	10735	10-00-000-2180	#880010320 Stowick	20.00
Partnership Financial Credit U	08/02/2019	10815	10-00-000-2180	#110071680 Barrios	120.00
Partnership Financial Credit U	08/02/2019	10815	10-00-000-2180	#86720 Janis	30.00
Partnership Financial Credit U	08/02/2019	10815	10-00-000-2180	#95910 Mensinger	275.00
Partnership Financial Credit U	08/02/2019	10815	10-00-000-2180	#880010320 Stowick	20.00

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Vendor: 10242 - PDRMA					
PDRMA	07/25/2019	10808	10-11-000-5600	Health Insurance - July	31,479.98
PDRMA	07/25/2019	10808	25-26-000-5600	Health Insurance - July	6,798.89
PDRMA	08/08/2019	10876	10-11-000-5600	COBRA Cont (Pietrini) - Sept	722.52
Vendor 10242 - PDRMA Total:					39,001.39
Vendor: 10243 - Pentegra Systems					
Pentegra Systems	08/08/2019	10877	25-00-000-5420	Takiff Door Swipe Cards	806.00
Vendor 10243 - Pentegra Systems Total:					806.00
Vendor: 10246 - Petty Cash					
Petty Cash	07/25/2019	10809	10-00-000-1001	Addl Cash Bank - Takiff Reg D	125.00
Vendor 10246 - Petty Cash Total:					125.00
Vendor: 10249 - Pioneer Manufacturing Co.					
Pioneer Manufacturing Co.	07/29/2019	10825	10-12-000-5496	Athletic Field Maintenance Su	224.00
Pioneer Manufacturing Co.	07/29/2019	10825	25-00-000-5455	Field Rental Supplies	63.50
Pioneer Manufacturing Co.	07/29/2019	10825	25-25-722-5400	GBA Supplies	63.50
Pioneer Manufacturing Co.	07/29/2019	10825	25-25-941-5400	Mud Run Supplies	127.00
Vendor 10249 - Pioneer Manufacturing Co. Total:					478.00
Vendor: 10919 - Pizzo & Associates, Ltd.					
Pizzo & Associates, Ltd.	08/13/2019	10926	10-12-000-5585	Site Development/Shelton Sw	1,839.37
Vendor 10919 - Pizzo & Associates, Ltd. Total:					1,839.37
Vendor: 10090 - Pride Dojo Inc.					
Pride Dojo Inc.	07/29/2019	10826	25-25-725-5300	Contractual - Summer Karate	1,561.93
Vendor 10090 - Pride Dojo Inc. Total:					1,561.93
Vendor: 10254 - Pump It Up					
Pump It Up	07/17/2019	10768	25-25-801-5300	Contractual - Camp Trip	1,599.00
Vendor 10254 - Pump It Up Total:					1,599.00
Vendor: 10259 - Quill Corporation					
Quill Corporation	07/17/2019	10769	25-00-000-5401	Office Supplies - Rec	699.03
Quill Corporation	07/17/2019	10769	25-25-910-5400	July 4th Supplies	21.99
Quill Corporation	07/17/2019	10769	25-26-000-5401	Office Supplies - Children's Cir	29.74
Quill Corporation	07/23/2019	10798	10-12-000-5401	Office Supplies - Parks	39.36
Quill Corporation	07/23/2019	10798	25-00-000-5401	Office Supplies - Rec	85.09
Quill Corporation	07/29/2019	10827	10-11-000-5420	General Admin Supplies	36.06
Quill Corporation	07/29/2019	10827	25-00-000-5401	Office Supplies - Rec	13.49
Quill Corporation	08/08/2019	10878	10-11-000-5301	Postage	25.12
Quill Corporation	08/08/2019	10878	10-11-000-5342	Admin Meeting Expenses	11.48
Quill Corporation	08/08/2019	10878	25-00-000-5401	Office Supplies - Rec	128.06
Quill Corporation	08/08/2019	10878	25-00-000-5420	General Supplies - Rec	16.92
Quill Corporation	08/08/2019	10878	25-25-401-5400	ELC Supplies	19.99
Quill Corporation	08/08/2019	10878	25-25-402-5400	ELC Supplies	19.99
Quill Corporation	08/08/2019	10878	25-25-403-5400	ELC Supplies	20.01
Quill Corporation	08/08/2019	10878	25-26-000-5401	Day Care Office Supplies	141.88
Quill Corporation	08/13/2019	10927	10-12-000-5401	Office Supplies - Parks	126.00
Quill Corporation	08/13/2019	10927	25-00-000-5401	Office Supplies - Rec	49.76
Quill Corporation	08/13/2019	10927	25-25-401-5400	Supplies - ELC	6.40
Quill Corporation	08/13/2019	10927	25-25-402-5400	Supplies - ELC	6.39
Quill Corporation	08/13/2019	10927	25-25-403-5400	Supplies - ELC	6.39
Quill Corporation	08/13/2019	10927	25-26-000-5401	Office Supplies - Day Care	6.40
Vendor 10259 - Quill Corporation Total:					1,509.55
Vendor: 10263 - Red's Garden Center Inc.					
Red's Garden Center Inc.	07/17/2019	10770	10-12-000-5496	Athletic Field Maintenance Su	203.50
Vendor 10263 - Red's Garden Center Inc. Total:					203.50
Vendor: 8498 - Richard Tomei					
Richard Tomei	08/08/2019	10879	25-27-000-5365	Contractual - Personal Trainin	41.25
Vendor 8498 - Richard Tomei Total:					41.25

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Vendor: 11173 - Rick's AutoCare & Collision Repair					
Rick's AutoCare & Collision Re	08/08/2019	10880	10-12-000-5350	Maintenance Svcs - Parks	2,393.35
				Vendor 11173 - Rick's AutoCare & Collision Repair Total:	2,393.35
Vendor: 10767 - Rite Portable Restrooms					
Rite Portable Restrooms	08/08/2019	10881	10-12-000-5353	Portable Toilet Svcs - Parks	340.00
Rite Portable Restrooms	08/08/2019	10881	10-14-000-5353	Portable Toilet Svcs - Beach	710.00
				Vendor 10767 - Rite Portable Restrooms Total:	1,050.00
Vendor: 10269 - RMC Inc.					
RMC Inc.	07/29/2019	10828	10-13-000-5357	Watts Refrig Mo Maint - Augu	273.00
RMC Inc.	08/08/2019	10882	10-13-000-5357	Watts Refrig Mo Maint - July	273.00
				Vendor 10269 - RMC Inc. Total:	546.00
Vendor: 1232 - Ronald P. Cadarian					
Ronald P. Cadarian	08/08/2019	10883	25-27-000-5365	Contractual - Personal Trainin	157.50
				Vendor 1232 - Ronald P. Cadarian Total:	157.50
Vendor: 11320 - Roundy's Inc.					
Roundy's Inc.	08/13/2019	10928	10-11-000-5342	Meeting Snacks	21.97
Roundy's Inc.	08/13/2019	10928	25-25-801-5400	Camp Supplies	362.18
Roundy's Inc.	08/13/2019	10928	25-25-803-5400	Camp Supplies	90.93
Roundy's Inc.	08/13/2019	10928	25-25-810-5400	Camp Supplies	483.76
Roundy's Inc.	08/13/2019	10928	25-25-812-5400	Camp Supplies	13.29
Roundy's Inc.	08/13/2019	10928	25-25-813-5400	Camp Supplies	9.00
Roundy's Inc.	08/13/2019	10928	25-25-833-5400	Camp Supplies	586.61
Roundy's Inc.	08/13/2019	10928	25-25-835-5400	Camp Supplies	39.88
Roundy's Inc.	08/13/2019	10928	25-25-836-5400	Camp Supplies	39.87
Roundy's Inc.	08/13/2019	10928	25-25-910-5400	July 4th Supplies	21.95
Roundy's Inc.	08/13/2019	10928	25-26-000-5403	Day Care Pgm Supplies	33.96
Roundy's Inc.	08/13/2019	10928	25-26-000-5409	Day Care Food Supplies	33.27
				Vendor 11320 - Roundy's Inc. Total:	1,736.67
Vendor: 10275 - Sam's Club Direct Commercial Account Program					
Sam's Club Direct Commercial	08/13/2019	10929	10-14-000-5420	Beach Supplies	85.61
Sam's Club Direct Commercial	08/13/2019	10929	25-25-801-5400	Camp Supplies	594.98
Sam's Club Direct Commercial	08/13/2019	10929	25-25-810-5400	Camp Supplies	595.00
Sam's Club Direct Commercial	08/13/2019	10929	25-25-833-5400	Camp Supplies	85.60
Sam's Club Direct Commercial	08/13/2019	10929	25-25-910-5400	July 4th Supplies	666.95
Sam's Club Direct Commercial	08/13/2019	10929	25-25-952-5400	Summer Event Supplies	162.45
				Vendor 10275 - Sam's Club Direct Commercial Account Program Total:	2,190.59
Vendor: 10654 - Sandra K Culver					
Sandra K Culver	08/08/2019	10885	25-25-785-5300	Contractual - Fitness Classes	196.35
Sandra K Culver	08/08/2019	10885	25-25-786-5300	Contractual - Fitness Classes	15.00
				Vendor 10654 - Sandra K Culver Total:	211.35
Vendor: 11160 - Shaun Christopher Whitley					
Shaun Christopher Whitley	07/29/2019	10829	25-25-803-5300	Contractual - Music Classes Ki	200.00
Shaun Christopher Whitley	07/29/2019	10829	25-25-811-5300	Contractual - Bears Camp Mu	150.00
Shaun Christopher Whitley	07/29/2019	10829	25-25-812-5300	Contractual - Bears Camp Mu	150.00
Shaun Christopher Whitley	07/29/2019	10829	25-25-813-5300	Contractual - Bears Camp Mu	200.00
Shaun Christopher Whitley	08/08/2019	10886	25-26-000-5386	Contractual - Children's Circle	675.00
Shaun Christopher Whitley	08/08/2019	10886	25-25-811-5300	Contractual Music Classes - C	75.00
Shaun Christopher Whitley	08/08/2019	10886	25-25-812-5300	Contractual Music Classes - C	75.00
Shaun Christopher Whitley	08/08/2019	10886	25-26-000-5386	Contractual Music Classes - D	450.00
				Vendor 11160 - Shaun Christopher Whitley Total:	1,975.00
Vendor: 10279 - Sherwin-Williams Company					
Sherwin-Williams Company	08/08/2019	10887	10-12-000-5483	Paint - Parks	303.47
				Vendor 10279 - Sherwin-Williams Company Total:	303.47
Vendor: 10706 - Southeastern Security Consultants, Inc					
Southeastern Security Consult	08/08/2019	10888	45-00-000-5335	Background Checks - July	74.00
				Vendor 10706 - Southeastern Security Consultants, Inc Total:	74.00

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Vendor: 10108 - State Disbursement Unit					
State Disbursement Unit	07/19/2019	10736	10-00-000-2190	M Barrios,FIPS#1703100/201	195.90
State Disbursement Unit	08/02/2019	10816	10-00-000-2190	M Barrios,FIPS#1703100/201	195.90
Vendor 10108 - State Disbursement Unit Total:					391.80
Vendor: 10291 - Swank Motion Pictures, Inc					
Swank Motion Pictures, Inc	07/29/2019	10830	25-25-911-5300	Contractual - Movie Licensing	435.00
Vendor 10291 - Swank Motion Pictures, Inc Total:					435.00
Vendor: 11419 - Sydney Caine					
Sydney Caine	07/25/2019	10810	10-14-000-4320	Overpaid for Beach Admission	71.00
Vendor 11419 - Sydney Caine Total:					71.00
Vendor: 11414 - Sysco Chicago, Inc.					
Sysco Chicago, Inc.	07/17/2019	10771	25-25-803-5400	Camp Supplies	46.19
Sysco Chicago, Inc.	07/17/2019	10771	25-25-811-5400	Camp Supplies	20.00
Sysco Chicago, Inc.	07/17/2019	10771	25-25-812-5400	Camp Supplies	26.19
Sysco Chicago, Inc.	07/17/2019	10771	25-25-813-5400	Camp Supplies	46.19
Sysco Chicago, Inc.	07/17/2019	10771	25-26-000-5409	Day Care Food Supplies	618.80
Sysco Chicago, Inc.	07/17/2019	10771	25-26-000-5460	Day Care Food Equipment	133.39
Sysco Chicago, Inc.	07/29/2019	10831	25-25-401-5400	ELC Supplies	85.00
Sysco Chicago, Inc.	07/29/2019	10831	25-25-402-5400	ELC Supplies	85.00
Sysco Chicago, Inc.	07/29/2019	10831	25-25-403-5400	ELC Supplies	85.00
Sysco Chicago, Inc.	07/29/2019	10831	25-26-000-5409	Day Care Food Supplies	1,016.43
Sysco Chicago, Inc.	07/29/2019	10831	25-26-000-5460	Day Care Food Equipment	101.25
Sysco Chicago, Inc.	08/08/2019	10890	25-26-000-5409	Day Care Food Supplies	55.11
Sysco Chicago, Inc.	08/08/2019	10890	25-26-000-5409	Day Care Food Supplies	835.32
Sysco Chicago, Inc.	08/08/2019	10890	25-26-000-5460	Day Care Food Equipment	41.58
Sysco Chicago, Inc.	08/13/2019	10930	25-25-401-5400	ELC Supplies	75.00
Sysco Chicago, Inc.	08/13/2019	10930	25-25-402-5400	ELC Supplies	75.00
Sysco Chicago, Inc.	08/13/2019	10930	25-25-403-5400	ELC Supplies	50.00
Sysco Chicago, Inc.	08/13/2019	10930	25-26-000-5409	Day Care Food Supplies	443.71
Vendor 11414 - Sysco Chicago, Inc. Total:					3,839.16
Vendor: 10294 - Telcom Innovations Group					
Telcom Innovations Group	07/25/2019	10811	10-11-000-5355	Phone Sys Reprogramming	65.00
Telcom Innovations Group	08/08/2019	10891	10-11-000-5355	911 Call Testing	32.50
Vendor 10294 - Telcom Innovations Group Total:					97.50
Vendor: 10209 - The Mulch Center					
The Mulch Center	07/17/2019	10772	10-12-000-5497	Playground Mulch	800.00
Vendor 10209 - The Mulch Center Total:					800.00
Vendor: 11168 - TimeClock Plus, Inc.					
TimeClock Plus, Inc.	07/29/2019	10832	10-11-000-5355	Add'l Licenses - TCP	20.50
Vendor 11168 - TimeClock Plus, Inc. Total:					20.50
Vendor: 10307 - Vanguard Energy Service, LLC					
Vanguard Energy Service, LLC	07/23/2019	10799	10-13-000-5220	Gas/Heat - Watts	9.99
Vanguard Energy Service, LLC	07/23/2019	10799	25-00-000-5220	Gas/Heat - Takiff	649.59
Vendor 10307 - Vanguard Energy Service, LLC Total:					659.58
Vendor: 10099 - Vantagepoint Trf Agents-457					
Vantagepoint Trf Agents-457	07/19/2019	10737	10-00-000-2140	ICMA - A/C#301403	1,156.00
Vantagepoint Trf Agents-457	08/02/2019	10817	10-00-000-2140	ICMA - A/C#301403	1,156.00
Vendor 10099 - Vantagepoint Trf Agents-457 Total:					2,312.00
Vendor: 10309 - Verizon Wireless					
Verizon Wireless	08/08/2019	10892	25-00-000-5210	Cell Phone Svc	935.78
Vendor 10309 - Verizon Wireless Total:					935.78
Vendor: 10457 - Village of Glencoe					
Village of Glencoe	07/23/2019	10800	10-12-000-5240	Water/Sewer - Parks	21.26
Village of Glencoe	07/23/2019	10800	25-00-000-5240	Water/Sewer - Takiff	1,217.08
Village of Glencoe	08/08/2019	10893	25-25-956-5300	50% Beer/Wine Sales - July 4t	2,243.63
Village of Glencoe	08/08/2019	10894	10-12-000-5480	Gasoline - Parks	1,602.41

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Village of Glencoe	08/13/2019	10931	10-12-000-5240	Water/Sewer - Parks	32.26
				Vendor 10457 - Village of Glencoe Total:	5,116.64
Vendor: 10314 - Walmart Community					
Walmart Community	07/29/2019	10833	25-25-803-5400	Camp Supplies	70.98
Walmart Community	07/29/2019	10833	25-25-811-5400	Camp Supplies	9.85
Walmart Community	07/29/2019	10833	25-25-812-5400	Camp Supplies	13.38
Walmart Community	07/29/2019	10833	25-25-813-5400	Camp Supplies	48.79
Walmart Community	07/29/2019	10833	25-25-910-5400	July 4th Supplies	17.16
Walmart Community	07/29/2019	10833	25-25-944-5400	Park & Play Supplies	61.13
Walmart Community	07/29/2019	10833	25-26-000-5403	Day Care Program Supplies	181.41
				Vendor 10314 - Walmart Community Total:	402.70
Vendor: 10700 - Warehouse Direct Workplace Solutions					
Warehouse Direct Workplace	08/08/2019	10895	10-12-000-5412	Cleaning Supplies - Parks	317.33
Warehouse Direct Workplace	08/08/2019	10895	10-14-000-5412	Cleaning Supplies - Beach	219.64
Warehouse Direct Workplace	08/08/2019	10895	10-15-000-5412	Cleaning Supplies - Boathouse	85.00
Warehouse Direct Workplace	08/08/2019	10895	25-00-000-5412	Cleaning Supplies - Takiff	4,053.68
Warehouse Direct Workplace	08/08/2019	10895	25-26-000-5412	Cleaning Supplies - Day Care	800.00
				Vendor 10700 - Warehouse Direct Workplace Solutions Total:	5,475.65
Vendor: 10316 - Wheeling Park District					
Wheeling Park District	07/17/2019	10773	25-25-809-5300	Contractual - Camp Field Trips	189.00
Wheeling Park District	07/17/2019	10773	25-25-810-5300	Contractual - Camp Field Trips	479.50
Wheeling Park District	08/08/2019	10896	25-25-801-5300	Contractual - Camp Field Trip	1,087.50
				Vendor 10316 - Wheeling Park District Total:	1,756.00
Vendor: 11102 - Wight & Company					
Wight & Company	07/25/2019	10812	65-00-000-5320	Design Svcs - Takiff Ceramics	1,800.00
				Vendor 11102 - Wight & Company Total:	1,800.00
Vendor: 10102 - Wisconsin Dept of Revenue					
Wisconsin Dept of Revenue	07/31/2019	DFT0000867	10-00-000-2111	WI Mo Withholding - July	375.50
				Vendor 10102 - Wisconsin Dept of Revenue Total:	375.50
				Vendor Set AP Vendors Total:	572,362.95

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount
Vendor Set: Employees - Employees					
Vendor: 3109 - Amanda Giacomino					
Amanda Giacomino	07/25/2019	10802	25-26-000-5341	Mileage Reimbursement - Jul	16.24
Amanda Giacomino	08/13/2019	10904	25-25-803-5400	Reimbursement - Camp Suppl	36.00
Vendor 3109 - Amanda Giacomino Total:					52.24
Vendor: 3069 - Lauren Geissl					
Lauren Geissl	07/23/2019	10793	25-25-801-5400	Reimbursement - Camp Suppl	29.40
Vendor 3069 - Lauren Geissl Total:					29.40
Vendor: 5161 - Patrick Lauer					
Patrick Lauer	08/09/2019	10897	25-25-833-5300	Reimburse - Action Q Field Tri	154.00
Vendor 5161 - Patrick Lauer Total:					154.00
Vendor: 6989 - Rose Pepe					
Rose Pepe	08/08/2019	10884	25-26-000-5403	Reimbursement - Day Care Pg	15.16
Vendor 6989 - Rose Pepe Total:					15.16
Vendor: 5045 - Sydney Kroll					
Sydney Kroll	08/08/2019	10889	25-26-000-5430	Reimbursement - Day Care Pg	31.00
Vendor 5045 - Sydney Kroll Total:					31.00
Vendor Set Employees Total:					281.80

Voucher List of Bills

Payment Dates: 07/10/2019 - 08/14/2019

Vendor Name	Payment Date	Payment Number	Account Number	Description (Item)	Amount	
Vendor Set: Refunds - Refunds						
Vendor: 000005998-197 - Amanda Keilman						
Amanda Keilman	07/16/2019	10738	25-00-000-2580	Actv 908101-07 Class Refund	563.00	
					Vendor 000005998-197 - Amanda Keilman Total:	563.00
Vendor: 000003410-198 - Nicole Moriarty						
Nicole Moriarty	07/18/2019	10777	25-00-000-2580	Actv 908103-11 Class Refund	867.62	
					Vendor 000003410-198 - Nicole Moriarty Total:	867.62
					Vendor Set Refunds Total:	1,430.62
					Grand Total:	574,075.37

Report Summary

Fund Summary

Fund	Payment Amount
10 - CORPORATE FUND	292,906.73
25 - RECREATION FUND	176,620.91
30 - SPECIAL RECREATION FUND	46,211.00
45 - LIABILITY INSURANCE FUND	638.00
65 - CAPITAL PROJECTS FUND	45,765.89
69 - MASTER PLAN CAPITAL PROJECTS	11,932.84
Grand Total:	574,075.37

Account Summary

Account Number	Account Name	Payment Amount
10-00-000-1001	PETTY CASH	125.00
10-00-000-2100	FEDERAL WITHOLDING	28,146.27
10-00-000-2110	IL STATE WITHOLDING	16,627.76
10-00-000-2111	WI STATE WITHOLDIN	375.50
10-00-000-2120	SOCIAL SECURITY WITH	46,424.62
10-00-000-2130	MEDICARE WITHOLDING	10,857.72
10-00-000-2140	ICMA DEF COMP WITHO	2,312.00
10-00-000-2150	IMRF WITHOLDING	39,183.70
10-00-000-2155	IMRF VAC WITHOLDING	4,129.00
10-00-000-2160	SUPPL IMRF LIFE WITHO	64.00
10-00-000-2170	AFLAC WITHOLDING	620.96
10-00-000-2175	FSA PLAN WITHOLDIN	1,690.39
10-00-000-2180	CREDIT UNION WITHOL	890.00
10-00-000-2190	GARNISHMENT WITHOL	854.32
10-11-000-5301	POSTAGE	25.12
10-11-000-5310	LEGAL SERVICES	2,888.75
10-11-000-5311	LEGAL NOTICES	179.34
10-11-000-5342	OFFICIALS/MEETING EXP	1,115.20
10-11-000-5355	MAINTENANCE SERVICE	6,813.09
10-11-000-5370	RENTAL - EQUIPMENT	152.85
10-11-000-5402	BOOKS/PUBLICATNS/SU	15.96
10-11-000-5420	SUPPLIES - GENERAL	169.14
10-11-000-5600	HEALTH INSURANCE PRE	32,279.50
10-11-000-5730	DUES/MEMBERSHIPS	875.00
10-12-000-5210	TELEPHONE/INTERNET	279.01
10-12-000-5220	FUEL/HEAT	163.14
10-12-000-5230	ELECTRICITY	521.66
10-12-000-5240	WATER	53.52
10-12-000-5342	OFFICIALS/MEETING EXP	-21.54
10-12-000-5344	LICENSES	180.00
10-12-000-5348	SHARED SVCS-CONT MO	2,616.15
10-12-000-5349	CONTRACTL-HORT/LAN	11,998.85
10-12-000-5350	MAINTENANCE SERVICE	10,391.75
10-12-000-5351	REPAIRS - EQUIPMENT	12.99
10-12-000-5352	REPAIRS - BUILDINGS	1,159.85
10-12-000-5353	DISPOSAL/PORTOLET SE	4,706.92
10-12-000-5370	RENTAL - EQUIPMENT	669.20
10-12-000-5401	OFFICE SUPPLIES	165.36
10-12-000-5412	CUSTODIAL/CLEANING S	317.33
10-12-000-5421	SUPPLIES - UNIFORMS	567.84
10-12-000-5450	SUPPLIES - EQUIPMENT	3,557.46
10-12-000-5480	GASOLINE/LUBRICANTS	1,602.41
10-12-000-5481	SUPPLIES-CONSTRUCTIO	1,284.86
10-12-000-5482	SUPPLIES-HARDWARE	85.12
10-12-000-5483	SUPPLIES-PAINT	303.47
10-12-000-5484	SUPPLIES-ELECTRICAL/B	497.72
10-12-000-5490	SUPPLIES-PLANTINGS/FL	692.22

Account Summary

Account Number	Account Name	Payment Amount
10-12-000-5491	SUPPLIES-GREENHOUSE	36.84
10-12-000-5493	SUPPLIES-FERTILIZER/CH	3,234.19
10-12-000-5496	SUPPLIES-ATHLETIC MAI	3,196.11
10-12-000-5497	SUPPLIES-PLAYGRD/SUR	800.00
10-12-000-5584	EQUIPMENT-RECREATIO	3,336.68
10-12-000-5585	PAVEMENT & SITE DEVE	15,903.42
10-12-000-5590	TREE TRIM/WORK-Outsi	18,272.50
10-13-000-5210	TELEPHONE/INTERNET/	183.26
10-13-000-5220	FUEL/HEAT	150.81
10-13-000-5230	ELECTRICITY	854.72
10-13-000-5353	DISPOSAL/PORTOLET SE	224.00
10-13-000-5357	MAINT SERVICE-REFRIG	546.00
10-13-000-5488	SUPPLIES-HAND TOOLS	100.00
10-14-000-4320	DAILY FEES-NON RESIDE	71.00
10-14-000-4910	MISC/UNCLASSIFIED INC	15.00
10-14-000-5210	TELEPHONE/INTERNET	168.95
10-14-000-5220	FUEL/HEAT	60.30
10-14-000-5230	ELECTRICITY	534.96
10-14-000-5305	PARTY RENTAL ENTERM	875.00
10-14-000-5340	CONFERENCES AND TRA	252.00
10-14-000-5350	MAINTENANCE SERVICE	656.00
10-14-000-5351	REPAIRS - EQUIPMENT	1,390.33
10-14-000-5353	DISPOSAL/PORTOLET SE	710.00
10-14-000-5360	PRINTING/MARKETING/	349.45
10-14-000-5412	CUSTODIAL/CLEANING S	219.64
10-14-000-5420	SUPPLIES - GENERAL	253.79
10-14-000-5430	SUPPLIES - FIRST AID	-119.14
10-14-000-5481	SUPPLIES-CONSTRUCTIO	30.75
10-14-000-5483	SUPPLIES-PAINT	14.97
10-14-000-5488	SUPPLIES-HAND TOOLS	100.00
10-15-000-5230	ELECTRICITY	121.33
10-15-000-5340	CONFERENCES AND TRA	-206.10
10-15-000-5351	REPAIRS - EQUIPMENT	928.33
10-15-000-5360	PRINTING/MARKETING/	100.00
10-15-000-5412	CUSTODIAL/CLEANING S	85.00
10-15-000-5420	SUPPLIES - GENERAL	264.93
10-15-000-5421	SUPPLIES - UNIFORMS	12.98
10-15-000-5430	SUPPLIES - FIRST AID	86.95
10-15-000-5481	SUPPLIES-CONSTRUCTIO	6.50
10-15-000-5486	SUPPLIES-PLUMBING	414.80
10-15-000-5488	SUPPLIES-HAND TOOLS	50.00
25-00-000-2580	BALANCE ON ACCOUNT-	1,430.62
25-00-000-5210	TELEPHONE/INTERNET	5,239.42
25-00-000-5220	FUEL/HEAT	1,416.56
25-00-000-5230	ELECTRICITY	11,796.73
25-00-000-5240	WATER	1,217.08
25-00-000-5301	POSTAGE	62.49
25-00-000-5321	CONSULTING-ONLINE/O	1,056.81
25-00-000-5340	CONFERENCES AND TRA	329.00
25-00-000-5352	REPAIRS - BUILDINGS	790.00
25-00-000-5353	DISPOSAL/PORTOLET SE	688.00
25-00-000-5355	MAINTENANCE SERVICE	2,410.76
25-00-000-5360	PRINTING/MARKETING/	7,663.43
25-00-000-5362	PHOTOGRAPHY	147.00
25-00-000-5401	OFFICE SUPPLIES	1,012.67
25-00-000-5404	COMPUTER PROGRAMS	480.00
25-00-000-5412	CUSTODIAL/CLEANING S	5,742.32
25-00-000-5420	SUPPLIES - GENERAL	1,442.70

Account Summary

Account Number	Account Name	Payment Amount
25-00-000-5422	SUPPLIES-UNIFORMS, B	882.20
25-00-000-5430	SUPPLIES - FIRST AID	8.17
25-00-000-5451	SUPPLIES - BUILDING PA	210.07
25-00-000-5455	SUPPLIES-FIELD RENTAL	63.50
25-00-000-5481	SUPPLIES-CONSTRUCTIO	101.55
25-00-000-5482	SUPPLIES-HARDWARE	78.88
25-00-000-5488	SUPPLIES-HAND TOOLS	43.18
25-00-000-5580	EQUIPMENT - GENERAL	1,158.34
25-00-000-5584	EQUIPMENT - RECREATI	89.99
25-00-000-5740	COMMUNITY GRP CONT	5,250.00
25-25-315-5400	SUPPLIES-ADULT CERAM	19.46
25-25-401-5400	SUPPLIES-ELC 3YR	331.39
25-25-402-5400	SUPPLIES-ELC 4YR	426.38
25-25-403-5400	SUPPLIES-ELC 2YR	306.40
25-25-471-5300	CONTRACTL-GJK PLAYTI	1,435.50
25-25-472-5300	CONTRACTL-GJK 2'S	4,671.00
25-25-473-5300	CONTRACTL- GJK 3'S	3,226.50
25-25-474-5300	CONTRACTL-GJK 4'S	1,414.13
25-25-476-5300	CONTRACTL-GJK CAMPS	1,879.50
25-25-586-5300	CONTRACTL-KINDER LIL	3,601.50
25-25-601-5400	SUPPLIES-KIDS CLUB PM	44.70
25-25-615-5400	SUPPLIES-YOUTH CERA	1,170.00
25-25-627-5300	CONTRACTL-JOY OF CRE	1,701.00
25-25-705-5300	CONTRACTL-FLOOR HOC	1,134.00
25-25-722-5400	SUPPLIES-YOUTH BASEB	63.50
25-25-725-5300	CONTRACTL-KARATE CL	1,561.93
25-25-744-5300	CONTRACTL-YOUTH FLA	1,911.00
25-25-746-5300	CONTRACTL-HOT SHOT	3,588.00
25-25-747-5300	CONTRACTL-HOTSHOT S	4,777.50
25-25-770-5400	SUPPLIES-YOUTH TENNI	66.76
25-25-785-5300	CONTRACTL-FITNESS PU	763.44
25-25-786-5300	CONTRACTL-FITNESS DR	195.00
25-25-789-5300	CONTRACTL-TUMBLING	3,370.00
25-25-791-5300	CONTRACTL-PICKLEBALL	1,364.25
25-25-791-5400	SUPPLIES-PICKLEBALL	237.49
25-25-801-5300	CONTRACTL-SUN FUN C	11,619.73
25-25-801-5400	SUPPLIES-SUN FUN CAM	3,346.50
25-25-803-5300	CONTRACTL-KINDER KO	723.69
25-25-803-5400	SUPPLIES-KINDER KORN	578.62
25-25-809-5300	CONTRACTL-COUNSELO	360.00
25-25-809-5400	SUPPLIES-COUNSELOR I	27.32
25-25-810-5300	CONTRACTL-CAMP ADV	5,498.36
25-25-810-5400	SUPPLIES-CAMP ADVEN	2,131.30
25-25-811-5300	CONTRACTL-TEDDY BEA	225.00
25-25-811-5400	SUPPLIES-TEDDY BEAR C	157.17
25-25-812-5300	CONTRACTL-PANDA BEA	225.00
25-25-812-5400	SUPPLIES-PANDA BEAR	196.75
25-25-813-5300	CONTRACTL-KOALA BEA	338.94
25-25-813-5400	SUPPLIES-KOALA BEAR C	415.31
25-25-833-5300	CONTRACTL-ACTION QU	3,960.77
25-25-833-5400	SUPPLIES-ACTION QUES	1,187.28
25-25-835-5400	SUPPLIES-AQUATIC CAM	622.31
25-25-836-5400	SUPPLIES-SAILING CAMP	614.83
25-25-908-5300	CONTRACTL-SUMMER C	900.00
25-25-910-5300	CONTRACTL-4TH OF JUL	17,104.63
25-25-910-5400	SUPPLIES-4TH OF JULY	3,432.94
25-25-911-5300	CONTRACTL-BEACH CA	3,559.00
25-25-911-5400	SUPPLIES-BEACH CAMP	93.84

Account Summary

Account Number	Account Name	Payment Amount
25-25-941-5400	SUPPLIES-GREAT MUD R	127.00
25-25-944-5400	SUPPLIES-PARK N PLAY	61.13
25-25-952-5400	SUPPLIES-SUMMER SPE	162.45
25-25-956-5300	CONTRACTL_Sesquicent	10,743.63
25-25-956-5400	SUPPLIES-Sesquicentenn	119.88
25-26-000-5341	MILEAGE REIMBURSEM	16.24
25-26-000-5360	PRINTING/MARKETING/	1,702.20
25-26-000-5386	SERVICES-DAYCARE PRO	1,370.82
25-26-000-5387	NURSE SERVICES	90.00
25-26-000-5401	OFFICE SUPPLIES	178.02
25-26-000-5403	DAYCARE PROGRAM SU	1,822.57
25-26-000-5404	COMPUTER PGMS/APPS	175.00
25-26-000-5409	SUPPLIES-INTERNAL FO	3,120.71
25-26-000-5412	SUPPLIES-CLEANING/CU	800.00
25-26-000-5430	SUPPLIES - FIRST AID	852.48
25-26-000-5460	SUPPLIES-FOOD EQUIP	356.20
25-26-000-5600	HEALTH INSURANCE PRE	6,798.89
25-27-000-5351	REPAIRS-EQUIPMENT	270.00
25-27-000-5365	CONTRACTL-PERSONAL	198.75
25-27-000-5420	SUPPLIES-GENERAL	263.85
30-00-000-5589	ADA-RELATED CAPITAL	46,211.00
45-00-000-5335	WELLNESS/PRE-PLACEM	130.00
45-00-000-5653	UNEMPLOYMENT	508.00
65-00-000-5320	ARCHITECTUAL/DESIGN	1,800.00
65-00-019-5501	REPLACE-NETWORK SER	13,008.75
65-00-019-5502	WKSTATNS,LAPTPS,SERV	1,709.75
65-00-019-5509	TENNIS COLORCOAT-WA	16,135.00
65-00-019-5512	BASEBALL/SOCCER FIEL	11,394.39
65-00-019-5522	IT ROOM EXPANSION/H	1,718.00
69-00-000-5553	CONNECT GLENCOE TRA	5,103.72
69-00-000-5560	TAKIFF PLAYGROUND-D	1,031.65
69-00-000-5570	LINCOLN PLAY AREA PR	3,402.47
69-00-000-5912	ADA-BOATHOUSE BATH	2,395.00
	Grand Total:	574,075.37

Project Account Summary

Project Account Key	Payment Amount
None	574,075.37
Grand Total:	574,075.37

Authorization Signatures

To the Board of Commissioners

The payment of the above listed accounts has been approved by the Board of Commissioners at their meeting held on August 20 2019 and you are hereby authorized to pay them from the appropriate funds.

Treasurer, Park Board of Commissioners

Secretary/Executive Director

V. Action Item A
Approval of Takiff IT room expansion/HVAC
replacement bid

Glencoe Park District
August 2019 Board Meeting



INTEROFFICE MEMORANDUM

TO: Board of Commissioners
FROM: Lisa Sheppard, Executive Director; Chris Leiner, Director of Parks & Maintenance; Carol Mensinger, Director of Finance & Human Resources
SUBJECT: Takiff Center IT Room Expansion/HVAC Replacement
DATE: 8/15/19

At the August 14, 2019 bid opening for the Takiff Center IT Room Expansion and HVAC replacement, three qualified bids were received and opened.

The total budget for the project is \$75,000. This total budget includes professional services and by-owner work. The construction budget for this phase of the work in FY2019/20 from Fund 65 is \$67,500. Based on the bid results and project budget staff is recommending the following:

To approve the lowest responsible bidder: Blue Reef LLC for the following tasks:

- Base Bid A IT Room Expansion - \$41,350
- Base Bid B HVAC Replacement Existing IT Room - \$26,150

For a total of \$67,500

Bid Opening Results			
Contractor	Bid A	Bid B	TOTAL BID
Blue Reef LLC	\$41,350.00	\$26,150.00	\$67,500.00
Amber Mechanical	\$49,000.00	\$31,000.00	\$80,000.00
Fe Moran	\$39,000.00	\$57,000.00	\$96,000.00

Recommended Motion: The approval of the lowest responsible bidder Blue Reef LLC of Chicago IL, for Base Bid A and Base Bid B, for a total of \$67,500.

V. Action Item B

**Approval of agreement for services related
to the development of the Watts Recreation
Center Master Plan and PARC Grant
Application**

Glencoe Park District
August 2019 Board Meeting



To: Board of Commissioners

Date: 7/26/19

From: Lisa Sheppard, Executive Director and Chris Leiner, Director of Parks & Maintenance

SUBJECT: Approval of the Wight & Company agreement for services related to the development of the Watts Recreation Center Master Plan and PARC Grant Application

The State of Illinois has announced that there will be 2020 PARC Grants available in 2020. The Park and Recreational Facility Construction Grant program is specifically designed for infrastructure enhancements and replacements. The grant provides up to a 75% funding match and up to \$2.5 million towards a project. The Capital Plan approved by the State of Illinois for next fiscal year includes 50 million in funding for the PARC Grant Program. We anticipate grant applications will be due in January of 2020.

Staff believes Watts Recreation Center would be an ideal candidate for the PARC grant and feels it would be prudent to do a Master Plan of the center to ascertain an estimate of how much improvements would cost. We also have identified some individuals who may be interested in leading a donation campaign to cover a portion of the matching funds required to be applied to ice rink improvements.

Therefore, attached is an agreement from Wight & Company for professional services, specifically the development of a Watts Recreation Center Master Plan. The plan deliverable to the Park District will include concept plans for the expansion of programming into the vacant upstairs of the Watts Recreation Center, which would help us grow our Kids Club After School program (which currently has a waitlist). Also included will be an assessment of the ice rink related infrastructure. This assessment will forecast the existing lifespan of equipment and replacement costs. In addition, we are already at looking at ways to make the ice rinks a year-round amenity. Starting September through October 2019, the District will partner with DEK Hockey to install a temporary sport court on the studio rink at Watts Recreation Center at no cost to the district*. This two-month trial run will be a great way to gauge interest in future options for use of the rink outside of the traditional rink season.

The cost for the concept plan and assessment is \$32,500 with an additional \$8,500 to prepare a PARC Grant Application.

The ultimate goal of this process is to have a grant ready plan for the 2020 PARC Grant Program.

While this was not a budgeted item, surplus funding from Fund 65 (capital projects) will cover the cost without a need to reduce the scope of existing projects.

Staff would seek separate Board of Commissioner approval before formally applying for the PARC Grant.

Recommended Motion:

Approval of the Wight & Company agreement for services related to the development of the Watts Recreation Center Master Plan and PARC Grant Application for a total not to exceed \$41,000.

*Information on DEK Hockey

Starting September through October 2019, the district will partner with DEK Hockey to install a temporary sport court on the studio rink at Watts Recreation Center at no cost to the District. The District will charge DEK Hockey a small licensing fee for the fall. This two-month trial run will be a great way to gauge interest in future options for use of the rink outside of the traditional rink season. The court will be used for street hockey tournaments, clinics, and free open play hours for resident public use. Glencoe residents will be given a 10% discount on all DEK Hockey programs and leagues.



Wight & Company

wightco.com

2500 North Frontage Road

Darien, IL 60561

P 630.969.7000

F 630.969.7979

July 23, 2019

Mr. Chris Leiner
Director of Parks and Maintenance
Glencoe Park District
999 Green Bay Road
Glencoe, IL 60022

**WATTS RECREATION CENTER – MASTER PLANNING FOR RENOVATION
PROFESSIONAL SERVICES PROPOSAL**

Dear Mr. Leiner:

Wight & Company (Wight) is pleased to submit this proposal to you and the Glencoe Park District (GPD) to provide master planning services for the renovation of the Watts Recreation Center. This proposal includes:

- **UNDERSTANDING**
- **PROJECT TEAM**
- **SCOPE OF SERVICES**
- **SCHEDULE**
- **COMPENSATION**
- **REFERENCES**
- **TERMS & CONDITIONS**

UNDERSTANDING

We understand the existing Watts Recreation Center is a 10,535 square foot, 2-story facility built in 1959 and includes multi-purpose rooms, classrooms, offices, kitchen/concessions, locker rooms, restrooms, storage and maintenance. Based on our discussions, GPD would like to evaluate renovation opportunities to provide additional programming spaces within the current 2-story building footprint, evaluate the existing mechanical system and consider sport court flooring options for both ice hockey rinks during off-season programming.

In order to complete this assignment, we will first conduct a site visit with staff to observe the existing facility, evaluate the building and ice mechanical systems and discuss the overall vision and programming needs. Based on the findings, we will develop an existing conditions plan and prepare up to two preliminary concepts for GPD review. We will incorporate any comments and finalize a preferred concept, including cost estimates and review with staff, during the design review meetings.

In conjunction with the master plan, GPD would like to apply for PARC (Park and Recreation Facility Construction) Grant funding administered through the IDNR. This grant provides 75% funding with a maximum of \$2.5M. Applications are anticipated to be due in January 2020.

PROJECT TEAM

Based on our project understanding, we have assembled a talented team of in-house architects, engineers and cost estimators that has designed and delivered many of our most innovative recreation projects. Matthew Duggan will serve as the Project Principal/Manager and Ania Szulc and Lois Vitt Sale will serve as the lead designers. We have included Scott Ward from B32 Engineering Group to evaluate the existing ice mechanical systems and provide recommendations for short-term and long-term improvements.

SCOPE OF SERVICES

Wight proposes to provide the following services for the Watts Recreation Center outlined in the Project Understanding through the following Scope of Services:

A. Project Understanding and Programming Phase

1. Conduct a project Kick-off Meeting to align the basic client expectations and reach a mutual understanding of the following:
 - a. Key participants and decision-makers
 - b. Project goals and objectives
 - c. Existing conditions
 - d. Scope of work
 - e. Deliverables
 - f. Tentative project schedule
2. Obtain relevant project data for the site:
 - a. As-Built Drawings
3. Visit project site to review and photograph existing conditions
4. Prepare Existing Floor Plan using as-builts and field measurements
5. Evaluate existing building and ice mechanical systems
6. Prepare facility assessment of existing facility
7. Discuss and confirm building programming opportunities with staff

B. Conceptual Design Phase

1. Develop Concepts (up to two)
2. Prepare construction cost budget
3. Review Conceptual Design Documents with you up to two (2) times. Document meeting results via written meeting summary.
4. Review Schematic Design Documents with your Board of Commissioners for comment and approval

C. Grant Application Phase

1. Prepare Illinois Department of Natural Resources (IDNR) Park and Recreation Facility Construction (PARC) Grant
 - a. Facilitate community input meetings (up to two)
 - b. Determine appropriate/eligible grant amenities for PARC and other funding opportunities

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wightco.com
.....

- c. Facilitate discussions with IDNR Grant Administrators
- d. Prepare grant application and submit by due date (TBD/January 2020)
- e. Meet with Grant Administrators to review project
- f. Assist with presentation and materials

SCHEDULE

We propose to begin work on this assignment within 14 days of your authorization and anticipate approximately 60 days to complete this work.

COMPENSATION

Wight proposes to provide the Scope of Services described in this proposal for a **Fixed Fee of Thirty Thousand Dollars (\$30,000.00)**.

Optional Services to prepare the PARC Grant application: Fixed Fee of \$8,500.00.

In addition to the professional services fees, we recommend a budget amount of **Two-Thousand Five Hundred Dollars (\$2,500.00)** for reimbursable expenses to be billed at direct costs plus 10%. This will include necessary reimbursable costs for the PARC Grant requirements.

The following is list of typical reimbursable expenses:

- CAD plots, printing, color reproductions and delivery costs of drawings and reports.
- Supplies, materials and costs related to specific reports and presentations.
- Travel at current IRS established reimbursement rate.

REFERENCES

Molly Hamer, Executive Director
Northbrook Park District
545 Academy Drive
Northbrook, IL 60062
847.897.3100

Mr. Dave Harris, Executive Director
Glen Ellyn Park District
185 Spring Avenue
Glen Ellyn, Illinois 60137
630.942.7255

James Warnstedt
Superintendent of Park & Facility Services
Glenview Park District
2400 Chestnut Avenue
Glenview, IL 60026
224.521.2254

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Glencoe Park District - Watts Ice Center

July 23, 2019

Page 4 of 4

Gayle Mountcastle, Executive Director
Park Ridge Park District
733 N Prospect Ave
Park Ridge, IL 60068
847.692.3442

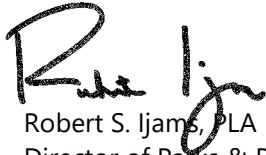
TERMS & CONDITIONS

This proposal assumes the terms and conditions outlined in the AIA Document B101-2017, "Standard Form of Agreement between Owner and Architect". Wight will invoice monthly based on a percentage of the work completed and payment will be due in 30-days (or in accordance with the Illinois Prompt Payment Act).

We thank you for the opportunity to continue our partnership with the Glencoe Park District and look forward to working with you on this effort. If this proposal meets your approval, please sign one copy and return it to us. If you have any questions regarding this proposal, please do not hesitate to contact us.

Respectfully submitted,

WIGHT & COMPANY



Robert S. Ijams, PLA
Director of Parks & Recreation



Jason Dwyer, AIA, LEED AP
Group President, Design & Construction

Approved on Behalf of Glencoe Park District:

Name	Title	Date
------	-------	------

cc: Matthew Duggan
File A2.0

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wightco.com
.....

STATEMENT OF QUALIFICATIONS

ICE RINK CONSULTATION AND DESIGN SERVICES

2017



Contact:
Mr. Scott Ward, P.E.
Principal, Vice President
P. 800.822.7670
sward@stevensengineers.com
www.stevensengineers.com





PASSION



EXPERIENCE



INNOVATION



 Stevens



Table of Contents

Forward..... 1

Background / History..... 2

Team Members and Qualifications..... 6

Projects..... 8

Representative Projects..... 13

References..... 33



Forward

The ice system is the heart of every ice rink facility and plays a key role in determining the economic and social success of the facility. The initial cost of installation for these systems can be as high as 15% of the total construction cost of the facility and can use 50% or more of the facility's total energy use. Generally, the ice system includes the ice rink floor(s), the refrigeration system(s), the dasher board system(s), and the waste heat recovery system(s).

It is important that these systems be specially designed for the facility and installed properly to maximize efficiency and performance. Stevens has experienced professional staff to provide the specialized design and construction administration necessary for these systems. We educate and assist owner's groups, facility managers, architects and other stakeholder groups in making decisions and designing systems that will maximize the performance and longevity of the ice system, maximize the recoverable energy from the systems and minimize energy and operational costs.

We are pleased to present this Statement of Qualifications to you. We strongly believe that our understanding, knowledge, practical and professional experience, and passion for ice arena facilities is unmatched by anyone in the industry and will provide measurable quality and value to your project.

After you have had a chance to review this information, please contact us to discuss how our extensive ice rink design and construction experience can benefit your project. Our office telephone number is 800.822.7670.

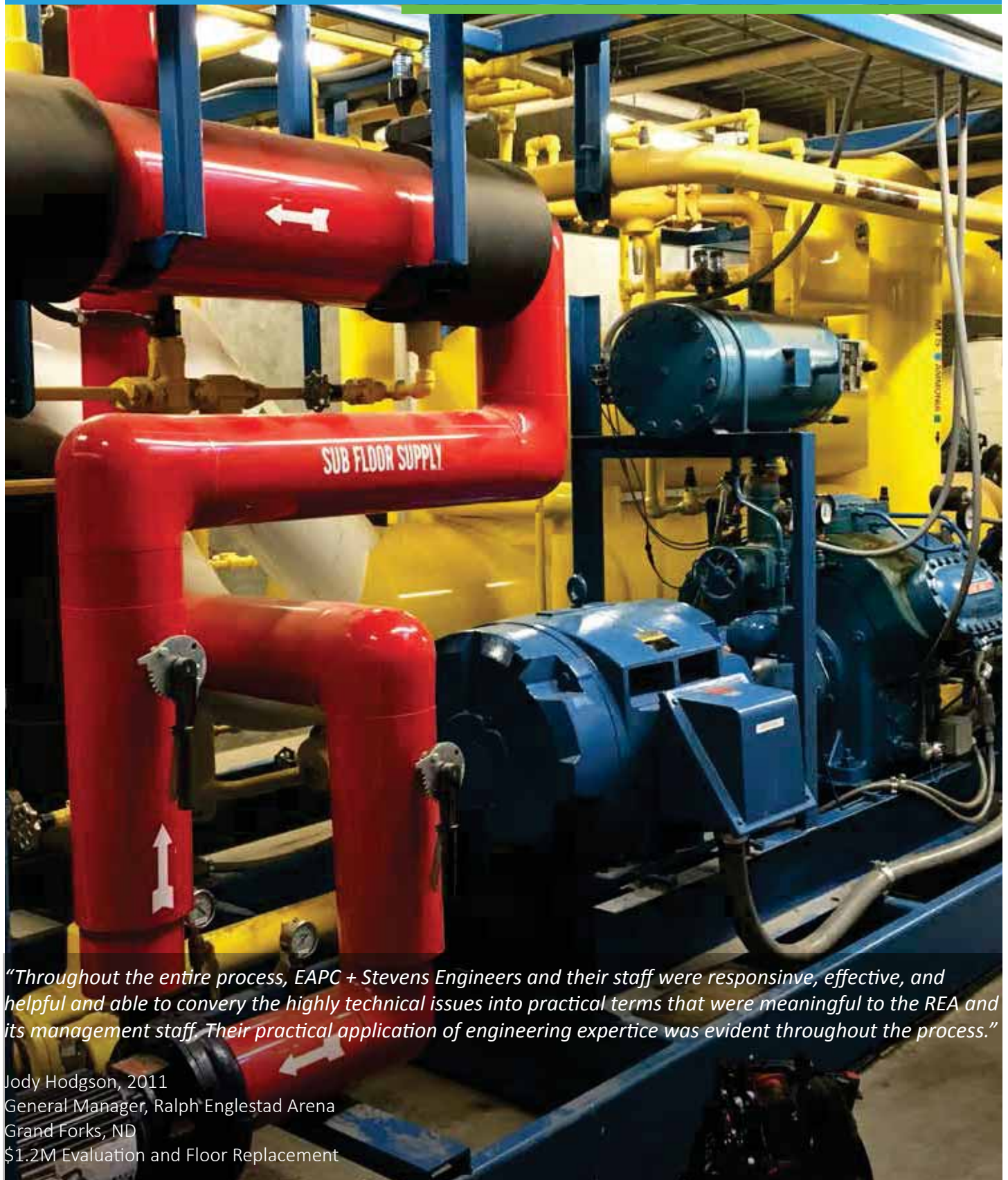
We look forward to sharing our experience with you!

Sincerely,
Stevens

Scott A. Ward, P.E.*
Owner, Vice President

*Professional Engineer:
AK, AZ, CO, FL, IL, MA, MD, ME, MI, MN,
MO, ND, NE, NM, NY, OH, SD, TX, VT, WI, WY

Section 1: Background & History



“Throughout the entire process, EAPC + Stevens Engineers and their staff were responsive, effective, and helpful and able to convey the highly technical issues into practical terms that were meaningful to the REA and its management staff. Their practical application of engineering expertise was evident throughout the process.”

Jody Hodgson, 2011
General Manager, Ralph Englestad Arena
Grand Forks, ND
\$1.2M Evaluation and Floor Replacement



Stevens Engineers, Inc.
 2211 O'Neil Road
 Hudson, WI 54016

Year Established:
 1973

Legal Status:
 S Corporation, Women Owned Business, DBE Certified (UCP in MN, WI, ND) and WBENC Program.

Owners:
 Angela Popenhagen, PE (MN, WI) LEED AP &
 Scott Ward, PE
 (AK, AZ, CO, FL, IL, MA, MD, ME, MI, MN, MO, ND, NE, NM, NY, OH, SD, TX, VT, WI, WY)

Employees:
 8

Services Offered:

- Planning
- Funding Assistance
- Ice Arena Consultation
- Feasibility Studies
- Evaluation Studies
- Energy and Operation Studies
- Ice System Design
- Construction Administration
- Post Construction

Our Firm

Founded in 1973, Stevens is a women owned business that specializes in the planning, consultation, design, and construction administration of the ice system for ice arena facilities. As a nationally recognized leader in the ice rink industry we have completed over 200 very successful ice rink projects ranging from community based facilities, outdoor skating surfaces, curling facilities, Division 1 College facilities to NHL facilities.

We embrace the use of renewable and sustainable materials and techniques in our standard design practices. We place them front and center during our continuous efforts to research and find new approaches, technologies, and environmentally-friendly materials and refrigerants. A few examples include: our on-going evaluation, analysis and application of CO₂ as a refrigerant and the first applications of CO₂ in the United States; our continued new applications for using waste heat in the facility; and our very successful application of using a municipal water source as a geothermal source of energy. We strongly believe that ice systems designed for longevity and minimal operation and maintenance costs will use less energy, require fewer repairs, and will play a key role in the facility's success.

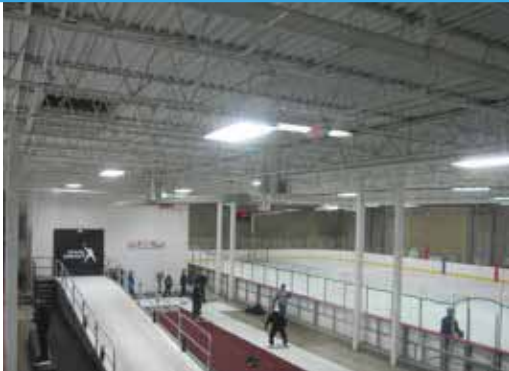
Our on-going success is attributed to the passion we have for these unique facilities and ice sports in general and the personal attention we provide for each and every project. Our involvement in the industry not only includes the professional services we provide but the many hours we have spent as users of these facilities as hockey players, volunteer coaches, coaching coordinators, etc., and overall long term supporters of the volunteer organizations that grow and support these sports. The combination of personal and professional experiences has proven invaluable to the success of our design projects.

We look forward to sharing our knowledge and experiences with you.





Division I College Facilities



Training Centers



Community Facilities

ICE RINK CONSULTATION AND DESIGN

Stevens specializes in the planning, consultation, design, and construction observation of new ice rink facilities as well as the evaluation and renovation of existing facilities with a specific specialty in the ice system design.

GOAL

Our goal at Stevens is to share our knowledge, expertise and passion of ice rink facilities and systems to maximize the economical and social success of each and every facility.

DESIGN PHILOSOPHY

To advise and educate our clients on ice system technologies and trends and to design systems that will serve the facility in the most economical, efficient, and reliable manner, maximizing the performance and longevity of the system.

This includes taking a holistic approach to the entire ice arena, not just the ice system, by consulting closely with the HVAC engineers and other design team partners on energy efficient elements of the following:

- Building envelope: insulation systems, radiation reduction systems, natural lighting, maximizing use of space to reduce building footprint, etc.;
- HVAC systems: ventilation and dehumidification options, maximizing waste heat recovery use throughout the facility, renewable energy sources such as solar, geothermal and wind, etc.;
- Lighting systems: minimizing heat generation, best use of light, etc.;
- Plumbing systems: water recovery and reuse, etc.;
- Energy systems; peak shaving, load shedding, hybrid systems, thermal storage, etc.;
- Control systems; energy and building management systems.

COMMITMENT TO THE INDUSTRY

We believe in sharing our knowledge for the good of the industry and being an active member in industry organizations such as the national Ice Skating Institute (ISI), The United States Ice Rink Association (formerly Serving the American Rinks STAR), the Minnesota and the Wisconsin Ice Arena Managers Associations. Our staff actively volunteers in youth hockey associations through coaching, clinics, fundraising, and other essential activities that support hockey at the most basic levels.

SUSTAINABILITY

We embrace the use of renewable and sustainable materials and techniques in our standard design practices and place them front and center curing our continuous efforts to research and find new approaches, technologies, and environmentally-friendly materials and refrigerants. A few examples include our on-going evaluation, analysis and application of using CO2 as a refrigerant and our very successful application of using a municipal water source as a geothermal source of energy. We strongly believe that ice systems designed for longevity and minimal operation and maintenance costs will use less energy, require fewer repairs, and will play a key role in the facility's success.



NHL Training Facilities



Multi-sheet Facilities



Outdoor Facilities

SERVICES

Stevens' experience in the ice rink industry allows us to offer a full range of specialty consulting and design services associated with the planning and design of ice rink facilities, starting with the initial planning phase of the project through final construction and operation. We work closely with the Owners and design team to take a holistic approach to ice arena projects as outlined in our Design Philosophy on the previous page. As ice rink consultants, we offer the following services:

Feasibility Studies

Preparing a feasibility study is a critical first step for any ice rink project. We provide thorough and accurate information to assist our clients with decisions that will affect the success of the facility.

Site Evaluation and Design

Our 35 years of providing civil engineering services, combined with our extensive knowledge of ice arena construction and operations, allows us to assist our clients in selecting suitable sites for their projects. Some of the important factors to site selection include location, size, site constraints, topography, soil conditions, groundwater and land use.

Our experienced staff can also provide a full range of site design services including grading, streets, parking lots, storm water, sanitary sewer, water main, site restoration, and erosion control.

Building Program, Layout and Envelope

With our experience in the ice rink industry, we can assist the project architect with the building program and layout including room sizes and locations, bleacher layout and material options, building circulation, dehumidification system selection, flooring materials, preliminary cost estimates, and identification of user groups and activities.

Ice System Design

The ice system, consisting of the refrigeration system(s), ice rink floor(s) and dasher board system(s), collectively is one of the most important systems in an ice rink facility. Since the success of the facility largely depends on the performance of the ice system, a thorough design of this system specific to the site, location, building type and programming is critical. We know first-hand how design and installation affects the performance, reliability, efficiency and longevity of the ice system.

Going hand-in-hand with the ice system design is the design of waste heat recovery systems. An essential part of any ice system, we provide full design services and consultation on waste heat recovery systems to maximize the ice system's energy recovery potential.

Construction Observation

Project construction is equally as important as the design itself. A good example of this is the construction of the ice rink floor. As little as one inch in variation in the placement of the ice rink piping can noticeably affect the quality of the ice and cost of operation. Our presence during construction will provide a greater degree of confidence that the client will receive the efficient building and ice system that they expect.



Curling Facilities



Renovation Projects



Geothermal Systems

Energy and Operation Studies (E&O)

Whether it’s a follow-up evaluation or commissioning on a newly constructed facility, an energy and operation study can provide valuable information that can be used to improve and optimize operations, identify problems, and budget for future improvements, repairs, or equipment replacement.

Evaluation Studies

For aging facilities that are experiencing problems with their ice system and related mechanical and building systems, an evaluation study is an invaluable tool for identifying problems areas, evaluating systems and technologies, recommending cost effective solutions, budgeting for future repairs and improvements and scheduling to optimize continued use of the facility and minimize impacts on user groups and revenue.

Funding Assistance

Funding is a key part of any project. Stevens has assisted its clients, for many years, with identifying federal, state and local grants or funding assistance programs that may be applicable to their projects. Because we are actively involved in the industry, we keep up-to-date on the latest programs and keep our clients informed of new developments. Once eligibility is determined, Stevens assists with the application and administration processes.

Project Delivery Method Options

Whether it is the traditional design-bid-build delivery method or others such as design-build, construction management, energy performance contracting or Best-Value, we can assist you in sorting through the advantages and disadvantages and help identify the right delivery method for you and your project.

We have provided services under most delivery methods and are dedicated to providing our clients with flexible service options to minimize project costs and meet tight project schedules.

Section 2: Team Members



"Your past experience working with government entities and departments has made your project process very effective. You are very responsive to customer needs and desires and are always conscious of project budgets and schedules."

Steven Lawrence, 2010
Superintendent of Operations and Maintenance
City of Brooklyn Park, MN (Pop. 75,781)
\$2.5M Ice System and Mechanical Renovation Project

TEAM MEMBERS AND QUALIFICATIONS



Scott A. Ward, P.E.
Principal/Vice President/Project Engineer

Registration

Registered Professional Engineer in AK, AZ, CO, FL, IL, MA, MD, ME, MI, MN, MO, ND, NE, NM, NY, OH, SD, TX, VT, WI, WY

Education

Master of Science in Mechanical Engineering
Bachelor of Civil Engineering
University of Minnesota

Professional Affiliations

American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)

Minnesota Ice Arena Managers Association (MIAMA) - Green Committee

Wisconsin Ice Arena Managers Association (WIAMA)

Ice Skating Institute (ISI)
The United States Ice Rink Association (STAR)
USA Hockey

Amery Youth Hockey Association -
Association Coaching and Education Director
2007-2014, Coach 2001-2015

Achievements

2001 National ASHRAE Award for Design of the Super Rink's Sheet, Dual Fuel, Refrigeration System

Lectures and Presentations

"Schwan's Super Rink - Operation Evaluation Study" 2000 University of Minnesota Mechanical Engineering Department Faculty- MSME Thesis

"The Schwan's Super Rink" January 1999 Rink Magazine Coauthor with Beth Weber

"Alternative Refrigerants" Research and author 1999 in depth Study on alternative refrigerants Numerous presentations for MIAMA conferences

"Direct System Renovation Options" Presentation at Gustavus Adolphus College, March 2008

Mr. Ward has over 20 years experience in civil and mechanical engineering fields. His education and engineering experience uniquely qualifies him for the specialized design requirements of ice systems. With his experience in fluid hydraulics, pumping and piping systems, heat transfer, refrigeration, thermodynamics, structures and materials, Scott has developed a specialty in designing ice systems.

He has been involved in over 200 ice rink projects since 1997, including professional NHL facilities, Division 1 college venues, multi-sheet community arenas, and outdoor ice rinks. Scott is integrally involved in each ice rink project.

Scott brings first-hand experience to this project both as a professional designer and as a user of these facilities. As an avid life-long hockey player, fan, supporter or youth hockey, coaching coordinator, and 15 years as coach of youth hockey programs; Scott has visited and used countless ice arena facilities. This experience has proven instrumental in applying practical insight to ensure system and spaces are designed to meet the specific needs of each facility and their performance and operational goals.

Representative Projects

AMSOIL Arena

University of Minnesota- Duluth, MN
• Ice System Design and Construction, 2010

Augsburg College Ice Arena

Augsburg College, Minneapolis, MN
• Evaluation and CIP, 2008
• Energy Study, 2014

Community Activity Center (2-Sheets)

City of Brooklyn Park, MN
• Geothermal Evaluation and Ice System Design and Construction, 2010

Colgate University New Ice Arena

Colgate University, Hamilton, NY
• Ice System Design and Construction, 2014-15

Eden Prairie Community Center

City of Eden Prairie, MN
• Rink 1, 2, & 3 Design and Construction, 2007-14

Lund Arena

Gustavus Adolphus College, St. Peter, MN
• Ice System Design, 2008

Ice Den Scottsdale

Phoenix Coyotes Training Facility, Scottsdale, AZ
• Rink 1 & 2 Evaluation and Design, 2007
• Rink 3 Ice System Design, 2011
• Chandler Ice System Design, 2015
• Rink 1 & 2 Ice System Replacement, 2016

Ice Den in Paradise (2-Sheets)

City of Goleta, CA
• Ice System Design, 2012-2014

John J. Macinnes Student Ice Arena

Michigan Tech University, Houghton, MI
• Ice System Design, 2012

Labahn Arena

University of Wisconsin-Madison, WI
• Ice System Design and Construction, 2012

Lansing Chapman Ice Arena

Williams College- Williamstown, MA
• Ice Rink Energy Improvements, 2012

Lawson Arena

Western Michigan University, Kalamazoo, MI
• Ice System Pre Design Study, 2014
• Ice System Design and Construction, 2015-16

Sanford Center

Bemidji State University, Bemidji, MN
• Ice System Design, 2010

Schawn's Super Rink Expansion (8 Sheets)

National Sports Center, Blaine, MN
• 4 Sheet Ice System Design and Construction, 2006

Sullivan Arena

University of Alaska-Anchorage & Alaska Aces, Anchorage, AK
• CO₂ Ice System Design and Construction, 2014-15

Martha's Vineyard Ice Arena

Martha's Vineyard, Oak Bluffs, MA
• Ice System Evaluation Study, 2014

McDonald Memorial Center

Municipality of Anchorage, Eagle River, AK
• 4 Rink Evaluation Study, 2012
• CO₂ Ice System Design and Construction, 2014

Verizon Wireless Center

Minnesota State University- Mankato, MN
• Ice System Replacement, 2013

Volpe Center Expansion

Merrimack College, North Andover, MA
• Ice System Review, 2011
• Construction Observation, 2013

Yost Ice Arena

University of Michigan-Ann Arbor, MI
• Pre-design Study, 2012
• Ice System Renovation, 2014-15

TEAM MEMBERS AND QUALIFICATIONS



Jason R. Raverty, P.E.

Project Manager / Project Engineer

Jason has over 17 years of experience in civil engineering for public and private sector clients. He has gained a valuable understanding of the project process as his role progressed from resident project representative to design engineer to project manager.

As a project manager, he is responsible for planning, preliminary and final design, technical document preparation and construction management for municipal street and utility improvements, residential and commercial developments, commercial site design, and urban redevelopment.

General project related tasks include scoping, budgeting and scheduling; feasibility analysis; plan and specification preparation; construction cost estimating; bidding and negotiating contracts; construction observation; contract administration; and federal, state and local agency coordination and permitting.

Registration

Registered Professional Engineer in WI & MN

Education

Bachelor of Science- Civil Engineering
University of Wisconsin- Platteville (1997)

Representative Projects

Bud King Ice Arena

City of Winona, MN
• Ice System Design and Construction, 2015-16

Burich Arena

City of Hutchinson, MN
• Ice System Design and Construction, 2014
• Feasibility and Concept Study, 2016

Fargo Coliseum

Fargo Parks Department, Fargo, ND
• Ice System Design and Construction, 2016

Neilson-Reise Arena

City of Bemidji, MN
• Ice System Design and Construction, 2015

Omni Center

City of Onalaska, WI
• Ice System Design and Construction, 2015

Runestone Community Center

City of Alexandria, MN
• Ice System Design, 2015-16

St. Louis Park Recreation Center

City of St. Louis Park, MN
• Ice System Design and Construction, 2015-16

Wakota Civic Center

City of South St. Paul, MN
• Ice System Design and Construction, 2010
• Ice System Design and Construction, 2014-15

Willmar Civic Center

City of Willmar, MN
• Ice System Design and Construction, 2014-15



Adam Thorson

Designer / Civil Technician

After graduating from Chippewa Valley Technical College with an Associates of Science in Civil Engineering Technology-Structural, Adam has 3 years of office and field work experience. He has provided design, drafting and surveying on a variety of public and private infrastructure on both ice and civil projects. He works directly with the project engineers to identify project needs, and uses his drafting skills to put their ideas on paper. His typical project duties include ice drafting and design, surveying, and construction inspection and staking.

Certifications

WisDOT PCCTECH-1

Education

Associates of Science- Civil Engineering Technology- Structural
Chippewa Valley Technical College

Representative Projects

Ben Boeke Ice Arena

Municipality of Anchorage, Anchorage, AK
• Ice System Design and Construction, 2015-16

Bud King Ice Arena

City of Winona, MN
• Ice System Design and Construction, 2015-16

Casper Ice Arena

City of Casper, WY
• Ice System Design and Construction, 2015-16

Chaska Curling and Event Center

City of Chaska, MN
• Ice System Design and Construction, 2015

Colgate University New Ice Arena

Colgate University, Hamilton, NY
• Ice System Design and Construction, 2016

Ice Den

Coyotes Ice, LLC, Scottsdale and Chandler, AZ
• Ice System Design and Construction, 2014-15
• Ice System Design and Construction, 2015-16

Runestone Community Center

City of Alexandria, MN
• Ice System Design, 2015-16

Yost Ice Arena

University of Michigan- Ann Arbor, MI
• Ice System Design and Construction, 2015

Section 3: Projects



"The ice rink renovation project is the largest project that I can remember that the City of Edina passed on the Consent agenda. Your services and presentation to the Council were very helpful in making this happen. I highly recommend Scott Ward and Stevens Engineers for their professional engineering and project management services."

John Keprios, 2010
Parks and Recreation Director
City of Edina, MN (Pop. 47,941)
\$2.1M Ice System Renovation Project

PROJECTS

The following is a list of ice rink-related projects completed by Stevens since 2003

Facility Name	Client/Owner	Location	Scope of Work					Dates	Facility Type & Use										
			Evaluation	Feasibility & Concept	CIP	Design	Construction		Grant/Rebate	Number of Sheets	Olympic Training	NHL & ECHL	Division I College	Division III College	USHL & NAHL	College Prep & Midget AAA	Community	Curling	Outdoor
Aldrich Arena	Ramsey County	White Bear Lake, MN	X			X		2012	1							X			S
All Seasons Arena	ISD #77	Mankato, MN	X			X	X	2005	1				X			X			S
			X						2016	2									S
				X						2016									
All Seasons Arena	North Dakota State Fair Grounds	Minot, ND				X	X	2012	1			X			X			S	
All Seasons Arena	City of Mandan	Mandan, ND	X					2014	1						X			S	
Amery Ice Arena	Amery Youth Hockey Association	Amery, WI				X	X	2007	1						X			S	
AMSOIL Arena	Duluth Entertainment & Convention Center	Duluth, MN				X	X	2007	1					X					A
						X	X	X	2010	1									
						X	X			2015-16	1						X		
Andover Community Center/YMCA	City of Andover	Andover, MN				X	X	2004	1						X			S	
Augsburg College Ice Arena	Augsburg College	Minneapolis, MN	X		X			2008	2							X			S
				X				2015					X						
Babbitt Ice Arena	City of Babbitt	Babbitt, MN				X	X	X	2010	1						X			S
Ben Boeke Ice Arena	Municipality of Anchorage	Anchorage, AK	X					2013	2										S
						X	X	2015-16								X			
Benson Ice Arena	City of Omaha	Omaha, NE	X					2007	1							X			S
				X				2010											
Bentley University New Ice Arena	Bentley University	Waltham, MA				X	X	2014-16	1			X			X				S
Berry Event Center	Northern Michigan University	Marquette, MI	X					2016	1			X							S
Bloomington Ice Gardens	City of Bloomington	Bloomington, MN				X	X	2007	1						X				S
Braemar Ice Arena	City of Edina	Edina, MN				X	X	X	2010	1		X				X			A
					X			2012	1		X				X				A
					X	X		2013-14	2		X				X		X		
Brett Memorial Ice Arena	Matanuska-Susitna Borough	Wasilla, AK	X	X				2014	1						X				S
Bowling Green Ice Arena	Bowling Green State University	Bowling Green, OH				X	X	2016-17	1			X							S
Bud King Ice Arena	City of Winona	Winona, MN	X		X			2012	1						X				A
					X	X		2015-16	2						X		X		S
Burdick Arena	City of Devils Lake	Devils Lake, ND	X				X	2008	2							X		X	S
					X	X	X	2009	1										
Burich Arena	City of Hutchinson	Hutchinson, MN	X			X	X	2013	2							X			A
					X	X	2014												
				X			2016												
Burnsville Ice Center	City of Burnsville	Burnsville, MN		X		X	X	X	2010	2					X	X			A
Calumet Colosseum	Township of Calumet	Calumet, MI				X	X	2013	1						X				S
Cam-Plex	Schutz Architects	Gillette, WY	X					2008	1						X				S
Casper Ice Arena	City of Casper	Casper, WY				X	X	2015	1						X				A
Cedar Creek Ice and Expo Center	Private	Wausau, WI				X		2008	2				X		X				A
Centennial Ice and Tennis Facility	Wilmette Park District	Wilmette, IL				X	X	2013	2						X				A
Champlin Ice Arena	City of Champlin	Champlin, MN		X				2006	2						X		X		S
Chaska Community Center	City of Chaska	Chaska, MN	X					2011	2							X			S
					X	X	X	2013											
Chaska Curling and Event Center	City of Chaska	Chaska, MN				X	X	2015	6							X			A
Clearwater Florida Ice Arena	Private	Clearwater, FL				X	X	2015-16	1						X				A

PROJECTS

Facility Name	Client/Owner	Location	Scope of Work					Dates	Facility Type & Use										
			Evaluation	Feasibility & Concept	CIP	Design	Construction		Grant/Rebate	Number of Sheets	Olympic Training	NHL & ECHL	Division I College	Division III College	USHL & NAHL	College Prep & Midget AAA	Community	Curling	Outdoor
Colgate University New Ice Arena	Colgate University	Hamilton, NY				X	X	2014	1			X							S
Columbia Ice Rink	Columbia Association	Columbia, MD				X	X	2016-17	1							X		A	
Community Activity Center	City of Brooklyn Park	Brooklyn Park, MN	X			X	X	X	2010	2						X		?????	
Colby New Ice Arena	Colby College	Waterville, ME				X	X	2016-18	1		X							A	
Cottage Grove Ice Arena	City of Cottage Grove	Cottage Grove, MN				X	X	2008	1							X		A	
Crested Butte Ice Arena	City of Crested Butte	Crested Butte, CO				X	X	2008	1							X		????	
Delano Ice Arena	Delano School District	Delano, MN	X	X				2006	1							X		S	
Deerfield Academy New Ice Arena	Deerfield Academy	Deerfield, MA				X	X	2015-16	1							X		S	
Dempsey-Anderson Ice Arena	Municipality of Anchorage	Anchorage, AK	X					2013	2									S	
						X	X	2016							X			CO ₂	
Drake Arena	St. Paul Academy	St. Paul, MN	X	X	X			2012	1									S	
				X				2014							X			S	
East Bethel Ice Arena	City of East Bethel	East Bethel, MN				X	X	2003	1							X		S	
Ebersole Ice Arena	City of White Plains	White Plains, NY				X	X	2015	1							X	X	A	
Eden Prairie Community Center	City of Eden Prairie	Eden Prairie, MN	X					2004	2									S	
						X	X	2005										S	
						X	X	2008							X			A	
						X	X	2009										A	
Eden Prairie Winter Rec Arena	City of Eden Prairie	Eden Prairie, MN				X		2005	1+								X	A	
Edge Ice Arena	Foothills Park & Recreation District	Littleton, CO				X		2010	??							X		S	
Elk River Ice Arena	City of Elk River	Elk River, MN				X	X	X	2004	2									S
				X				2011							X			S	
			X					2012											S
Fargo Coliseum	Fargo Parks Department	Fargo, ND				X	X	2016-17	1							X		A	
Fogerty Arena	Fogerty Arena	Blaine, MN				X	X	X	2012	6								X	A
						X	X	2013								X			A
Frank Rukavina Arena	Lake County	Silver Bay, MN	X			X	X	X	2007	1						X		S	
Franklin Park Ice Arena	Franklin Park District	Chicago, IL	X					2013	2									S	
						X	X	2014-15							X			A	
Global Athlete Village	Private	St. Paul, MN		X				2011	2	X			X					A	
Great Park Ice And Sports Center	The Rinks, Inc.	Irvine, CA				X	X	2016-18	4		X					X		A	
Green Island Ice Arena	City of La Crosse	La Crosse, WI				X		2013	1							X		S	
Guidant John Rose Oval	City of Roseville	Roseville, MN	X			X	X	X	2006	4							X	A	
Harding Ice Arena	Ramsey County	St. Paul, MN				X	X	2007	1							X		S	
Harry J. McDonald Memorial Center	Municipality of Anchorage	Eagle River, AK	X					2013	1									S	
						X	X	2013-14							X			CO ₂	
Hastings Civic Arena	City of Hastings	Hastings, MN				X		2008	1							X		S	
						X		2016	1						X			A	
Hat Trick Sports Facility	Hat Trick Sports	St. Louis Park, MN				X	X	2009	2							X		S	
Hermantown Ice Arena	City of Hermantown	Hermantown, MN				X	X	X	2010	1						X		S	
Heritage Sports Center	City of Duluth & Hockey Assoc.	Duluth, MN				X	X	X	2008	2						X		A	
Hibbing Curling Club	City of Hibbing	Hibbing, MN				X	X	2013	7								X	A	
Hobbs Municipal Ice Center	City of Eau Claire	Eau Claire, WI				X	X	2009	1				X					S	
Hockey Ambitions Training Center	T Rose Enterprise	Dallas, TX	X					2011	1							X		S	

PROJECTS

Facility Name	Client/Owner	Location	Scope of Work						Dates	Facility Type & Use									
			Evaluation	Feasibility & Concept	CIP	Design	Construction	Grant/Rebate		Number of Sheets	Olympic Training	NHL & ECHL	Division I College	Division III College	USHL & NAHL	College Prep & Midlevel AAA	Community	Curling	Outdoor
Hodgins-Berardo Arena	City of Greenway	Greenway, MI				X		2014	1							X			S
Homestead Resort Ice Rink	Homestead Resort	Hot Springs, VA	X					2008	1								X		S
Hommocks Ice Arena	Town of Mamaroneck	Mamaroneck, NY	X					2008	1							X			S
Hopkins Pavilion	City of Hopkins	Hopkins, MN	X	X				2014-16	1							X			S
Hunt Arena UW River Falls	University of Wisconsin	River Falls, WI				X		2014	1				X			X			S
Ice Den	Coyotes Ice, LLC.	Scottsdale, AZ	X			X	X	2008	2										S
						X	X	2011	1		X		X			X			A
						X	X	2015-16	2										
				Chandler, AZ				X	X	2014-15	2							X	
Ice in Paradise	Ice Association	Goleta, CA		X		X	X	X	2013	2						X			A
ICON Sports	Grand Forks Park District	Grand Forks, ND				X			2014	2						X			S
Incredible Ice	Florida Panthers	Coral Springs, FL		X					2008	2		X							S
Iowa River Landing Hockey Arena	City of Coralville	Coralville, IA				X	X		2017	1				X		X			A
Kreitzberg Arena	Norwich University	Northfield, VT	X						2017	1				X					S
LaBahn Arena (Kohl Center)	University of WI-Madison	Madison, WI				X	X		2013	1			X						S
La Crosse Center	City of La Crosse	La Crosse, WI		X					2004	1				X		X			S
Lansing Chapman Center	Williams College	Williamstown, MA				X	X		2012	1				X					A
Lake County Arena	Lake County	Two Harbors, MN	X			X	X	X	2006	1						X			A
Lakeview Arena	City of Marquette	Marquette, MI	X						2006	2						X			S
Lakeville-Hasse Arena	City of Lakeville	Lakeville, MN				X	X		2006	2						X			S
Lasker Pool & Ice- Central Park	New York Parks Department	New York, NY				X	X		2016-18	2							X		A
Lawson Ice Arena	Western Michigan University	Kalamazoo, MI	X					2014	1				X						S
						X	X	2015-16					X						
Lund Arena	Gustavus Adolphus College	St. Peter, MN		X		X	X		2008	1				X					S
Maas Ice Arena	City of Watertown	Watertown, SD	X	X					2011	2						X			S
MacInnes Student Ice Arena	Michigan Tech University	Houghton, MI		X		X	X		2012	1			X						A
Mandan Community Center	City of Mandan	Mandan, ND				X	X	X	2015-16	2						X			A
Maple Grove Community Center	City of Maple Grove	Maple Grove, MN				X	X	X	2008	2							X		A
						X	X	2011											
Mariucci Arena	University of Minnesota	Minneapolis, MN		X					2013	1									S
			X						2014	2				X			X		S
			X						2015	1									S
			X						2017	1				X			X		S
MAYSA Ice Arena	City of Minot/MAYSA	Minot, ND		X					2012	2					X		X		A
						X	X	2015-16	3					X		X			A
McDonald Center	Municipality of Anchorage	Anchorage, AK	X						2013	1									S
						X	X	2014-15									X		
McFetridge Sports Center	Chicago Parks District	Chicago, IL	X						2009	1						X			S
Miners Memorial Building	City of Virginia	Virginia, MN				X	X		2008	1						X			A
Minot Curling Club	North Dakota State Fairgrounds	Minot, ND				X			2014	6							X		S
Mitchell Activities Center	City of Mitchell	Mitchell, SD				X	X		2013	2						X			S
Morgan Park Sport Center	Chicago Parks District	Chicago, IL				X	X		2014-15	1						X			A
Moorhead Sports Center	City of Moorhead	Moorhead, MN				X	X	X	2007	2					X				S
						X		X	2009							X			
Neilson-Reise Arena	City of Bemidji	Bemidji, MN	X						2005	1							X		S
						X	X	X	2015										

PROJECTS

Facility Name	Client/Owner	Location	Scope of Work					Dates	Facility Type & Use										
			Evaluation	Feasibility & Concept	CIP	Design	Construction		Grant/Rebate	Number of Sheets	Olympic Training	NHL & ECHL	Division I College	Division III College	USHL & NAHL	College Prep & Midlevel AAA	Community	Curling	Outdoor
New Hope Ice Arena	City of New Hope	New Hope, MN	X				X	2010	2										S
				X						2011						X			S
					X	X				2012									
New Ice Arena	City of Watertown	Watertown, SD				X	X	2017							X			A	
Newberry Outdoor Rink	City of Newberry	Newberry, MI		X				2011	1								X	S	
North Branch Ice Arena	North Branch Hockey Assoc.	North Branch, MN		X				2008	1						X			S	
Northfield Arena	City of Northfield	Northfield, MN				X	X	X	2008	1			X		X			S	
Oakton Ice Arena	Parke Ridge Park District	Park Ridge, IL		X				2017	1						X			S	
Omni Center	City of Onalaska	Onalaska, WI	X					2014	2					X	X			S	
					X	X		2015										S	
Ozaukee County Ice Arena	Ozaukee County	Cedarburg, WI				X		2012	6						X	X		S	
Pagel Ice Arena	City of Minnetonka	Minnetonka, MN				X	X	2017	1						X			A	
Parade Ice Gardens	Minneapolis Parks and Recreation Board	Minneapolis, MN		X				2012	3									S	
					X	X		2013	2					X			A		
					X	X		2014	1									A	
Pasadena Skating Center	Pasadena Center Operating Co.	Pasadena, CA	X					2009	1						X			S	
					X	X	X	2011											
Phillips Academy Arena	Phillips Academy	Andover, MA				X	X	2015-16	1						X			S	
Pine City Civic Center	City of Pine City	Pine City, MN	X					2013	1						X			S	
Plymouth Ice Center	City of Plymouth	Plymouth, MN				X	X	2016-17	2						X			A	
Polar Ice Arena	ISD #622	North St. Paul, MN				X	X	2017	1						X			A	
Ralph Engelstad Arena	Ralph Engelstad Arena	Grand Forks, ND	X			X	X	2009	1			X			X			S	
Ralph Engelstad Arena	City of Thief River Falls	Thief River Falls, MN	X					2003	1						X			S	
			X					2017	1						X		S		
Reno Ice Arena	GRCISA	Reno, NV						2015	2									A	
Reston Town Center Ice Rink	City of Reston	Reston, VA				X	X	2008	1								X	S	
Richfield Ice Arena	City of Richfield	Richfield, MN			X	X		2017	2				X		X			A	
Riverside Arena	City of Moose Lake	Moose Lake, MN	X					2012	1						X			S	
Rock Springs Ice Arena	City of Rock Springs	Rock Springs, WY				X	X	2011	1						X			S	
Rogers Activity Center	City of Rogers	Rogers, MN				X	X	X	2006	1					X			S	
Roseville Skating Center	City of Roseville	Roseville, MN				X		2008	1						X			S	
Rough Rider Event Center	Watford City	Watford City, ND				X	X	2014-15					X		X			A	
Runstone Community Center	City of Alexandria	Alexandria, MN	X			X	X	X	2009	2								S	
				X				2010					X	X	X		S		
					X			2015-16	3									A	
Sanford Center	City of Bemidji & BSU	Bemidji, MN				X	X	X	2010	1			X				A		
Scheels Ice Plex	Ice Sports Association	Sioux Falls, SD				X		2013-14	3				X	X			A		
Schwawn's Super Rink	National Sports Center	Blaine, MN				X	X	2006	4	X			X		X			S	
Shakopee Ice Center	Shakopee Youth Hockey Assoc.	Shakopee, MN		X				2008	1									S	
	City of Shakopee	Shakopee, MN		X				2015	2						X			A	
Shattuck St. Mary's Ice Arena	Shattuck St. Mary's School	Fairbault, MN				X		2012	1									S	
					X	X		2012	1					X					
			X					2014	1										
			X					2015	1										
Snow King Sports and Event Center	City of Jackson	Jackson, WY	X					2015	1					X			S		

PROJECTS

Facility Name	Client/Owner	Location	Scope of Work					Dates	Facility Type & Use													
			Evaluation	Feasibility & Concept	CIP	Design	Construction		Grant/Rebate	Number of Sheets	Olympic Training	NHL & ECHL	Division I College	Division III College	USHL & NAHL	College Prep & Midget AAA	Community	Curling	Outdoor	Refrigerant Type (1)		
Southwest Fargo Ice Arena	City of Fargo	Fargo, ND				X	X	X	2003	2							X			S		
Sports & Health Center	University of Minnesota-Duluth	Duluth, MN				X	X	X	2010	1			X				X			S		
St. Francis Ice Arena	City of St. Francis	St. Francis, MN		X					2008	2							X			S		
St. Louis Park Recreation Center	City of St. Louis Park	St. Louis Park, MN	X						2012	2						X	X			S		
							X		2015-16	3		X							X	A		
St. Michael / Albertville Ice Arena	City of Albertville	Albertville, MN		X					2009	2							X			S		
St. Paul Curling Club	St. Paul Curling Club	St. Paul, MN				X			2013	8								X		A		
St. Peters Rec Plex Arena	City of St. Peters	St. Peters, MO				X	X	X	2007	2							X			S		
Stern Sports Arena	Head of the Red Youth Hockey	Wahpeton, ND	X			X		X	2003	1							X			S		
Sullivan Arena	Municipality of Anchorage	Anchorage, AK	X						2013	1		X	X				X			S		
						X	X	2014-15													C	
Tartan Ice Arena	Joint Powers Board	Oakdale, MN	X			X		X	2005	2							X			S		
Uihlein Ice Arena	University School of Milwaukee	River Hills, WI	X						2011	1						X	X			A		
Verizon Wireless Center	City of Mankato	Mankato, MN		X					2009	1			X				X			S		
						X	X	X	2013												S	
Veterans Memorial Community Center	City of Inver Grove Heights	Inver Grove Heights, MN				X	X		2007	2							X			S		
						X	X	X	2008	2										S		
						X	X		2016-17	2								X			S	
Volpe Center	Merrimack College	North Andover, MA	X				X		2013	1			X			X				S		
Wabasha Center (MN Wild)	City of St. Paul	St. Paul, MN				X	X		2015-17	1		X					X			A		
Waconia Ice Arena	City of Waconia	Waconia, MN				X	X		2007	2							X	X		A		
Wadena Ice Arena	City of Wadena	Wadena, MN	X						2008	1							X			S		
Doug Wool Arena (formerly Wakota)	City of South St. Paul	South St. Paul, MN	X						2007	2										S		
						X	X		2008												S	
						X	X	X			2010								X			S
						X	X				2014-15											A
Walker Community Center	City of Walker	Walker, MN				X		2007	1							X			S			
Waukesha County Ice Arenas	Waukesha County	Waukesha County, WI	X					X	2010	2							X			S		
Waunakee-DeForest Ice Arena	Waunakee Youth Hockey	Waunakee, WI				X	X	X	2009	1							X			A		
West Fargo New Arena	West Fargo Public Schools	West Fargo, ND				X	X		2015-17	2							X			A		
West St. Paul Ice Arena	City of West St. Paul	West St. Paul, MN				X	X		2014-15	1							X			A		
White Bear Lake Sports Center	City of White Bear Lake	White Bear Lake, MN	X						2015	1							X			S		
						X			2017	1								X			A	
Willmar Civic Center	City of Willmar	Willmar, MN	X						2013	2							X	X		S		
						X	X		2014-15	2								X			S	
Windom Ice Arena	City of Windom	Windom, MN	X	X					2013	2							X			S		
Yost Arena	University of Michigan	Ann Arbor, MI	X						2013	1			X				X			S		
						X	X		2015												A	

Section 4: Representative Projects



"Throughout the project I found Scott Ward and the other staff at Stevens to be very knowledgeable about their work and eager to take care of our needs as a client. This was a very large, complex project involving a nearly 40 year old facility. I truly valued the responsiveness of Scott and the Stevens team as we worked together to bring this challenging project through to completion. The City of Burnsville is very pleased with the product we received."

Terry Schultz, 2010
Director of Parks, Recreation and Natural Resources
City of Burnsville, MN (Pop. 60,306)
\$4.9M Mechanical and Ice System Renovation Project

Ice Den - Phoenix Coyotes Training Facility

Scottsdale, Arizona



"One of the 10 great places to cut a fine figure eight."
USA Today and Kristi Yamaguchi, 1992 Women's Figure Skating



Facility Type
NHL Practice Facility,
Community
3 Rinks



Expertise
Evaluation, Design,
Construction



Status
Completion Dates:
Ice System Eval - 2005
Phase 1 Improvements - 2006
Phase 2 Improvements - 2007
Condenser Replacement - 2011
Third Ice Sheet - 2013
Chandler AZ Renovation - 2014
Renovation of two existing - 2016



Owner
Coyotes Ice, LLC
Scottsdale, Arizona
Chandler, Arizona



Construction Cost
Phase 1: \$150,000
Phase 2: \$140,000
Condenser Replacement: \$100,000
Third Ice Sheet: \$1.1 M
Chandler Renovation: \$1.2 M
2 Sheet Renovation: \$3.8 M

Reference:

Mike O'Hearn, President
Coyotes Ice, LLC
Alltel Ice Den
9375 East Bell Rd
Scottsdale, Arizona 85620
480.473.5835
mohearn@coyotesice.com

Project Description

The Ice Den is a 160,000 square foot, three-sheet ice skating and entertainment center located in Scottsdale, Arizona. The Ice Den hosts the Phoenix Coyotes' practices, Arizona State University, and nearly all the other visiting NHL teams for their practice needs. The Ice Den is also a premier skating venue for many national and international figure skating events, shows, and competitions.

Stevens assisted the Owner in performing an evaluation study of the original two sheet facility to solve ice quality problems with the direct ice system. Once the problems were identified, recommended solutions were presented and a new ice rink floor design was completed. The design minimized cost and downtime by using the existing rink piping and sand. Construction on the two floors was performed in phases to minimize disturbance to the very popular and successful ice skating facility.

In 2011, Stevens designed the ice system for the facility's third ice sheet as well. This facility has been so successfully that the Owner has recently purchased an existing two sheet ice rink facility in Chandler, AZ. Stevens was hired to evaluate the existing ice system, design the \$1.2M improvements to the ice system and observe construction. All projects were completed on schedule. Scott Ward with Stevens was lead engineer and construction inspector for the specialized ice system work.

The new ice looks fabulous, good job to everyone involved. The best part...we made it in time for our ASU camp first thing Monday morning...right on schedule!"

Michael O'Hearn
President of Coyotes Ice, LLC
-2007



AMSOIL Arena

Duluth, Minnesota



Facility Type
College
Division 1



Expertise
Design, Construction, Grant



Status
Completed
Design 2010
Construction 2010



Owner
Duluth Entertainment and
Convention Center



Construction Cost
Original Budget:
\$1,500,000 (ice)
\$280,000 (dashers)
Award: \$1,183,964 (ice system)
Change Orders: \$726

Reference:
Dan Russell
Executive Director
Duluth Entertainment and
Convention Center
350 Harbor Dr
Duluth, MN 55082
218.722.5573
drussell@decc.org

Jeff Stark
Venue Operations
Duluth Entertainment and
Convention Center
350 Harbor Dr
Duluth, MN 55802
218.623.1238
jstark@decc.org

Project Description

The \$60M, 6,600 seat AMSOIL Arena, at the Duluth Entertainment and Convention Center (DECC), complements the existing two sheet facility and is the new home for the University of Minnesota-Duluth Bulldog Division I college program.

The design approach included aggressive LEED & energy reduction strategies including obtaining LEED silver certification. As part of this approach, the ice system design included environmentally-friendly and efficient refrigerants, the highest efficiencies motors available, larger piping systems to reduce pump energy requirements, a steel piping in the rink floor to increase the heat transfer efficiency along with many other energy efficient systems and designs.



Class of 1965 Arena - Colgate University

Hamilton, New York



Facility Type
College
Division 1



Expertise
Design, Construction



Status
Completed
Design 2015
Construction 2016



Owner
Colgate University



Construction Cost
\$37.8M

Reference:
Stephen Hughes
Project Manager
Colgate University
13 Oak Dr
Hamilton, New York 13346
315.228.7137
shughes1@colgate.edu

Project Description

The state-of-the-art, 2,222 capacity, Class of 1965 Arena is the new home of the Colgate men's and women's ice hockey teams. The ice surface in the arena will be known as Steven J. Riggs '65 Rink in honor of the former men's ice hockey team captain. Riggs was killed in combat in Vietnam in 1968 and was inducted posthumously into the Colgate Athletics Hall of Honor.

The ice rink industry continues to be challenged by the increasing restrictions and phase-outs of synthetic or artificial refrigerants that adversely affect the environment and finding suitable substitutions. Finding an environmentally friendly solution to the ice system that would be serving their new state-of-the-art ice arena facility was very important to Colgate University. Stevens was hired after initial discussions with other design firms failed to identify an acceptable solution. Given the proximity of this facility to campus and to student and residential housing; ammonia, a natural refrigerant, was not desirable to them.

Stevens incorporated a modular heat pump type system that uses the synthetic refrigerant R-410A refrigerant but in much smaller quantities than typical refrigeration systems used in these facilities. These types of systems typically require lower flow-rates than are needed to keep the 17,000 square feet of ice frozen so additional design challenges had to be met to provide the ice quality and performance required for a Division 1 college hockey program. In the end, Stevens was very successful in meeting the environmental, performance and maintenance goals of the University for the ice system.



Verizon Wireless Center - Minnesota State University

Mankato, Minnesota



Facility Type
College
Division 1



Expertise
Feasibility, Design,
Construction, Grant



Status
Completed
October 2013



Owner
City of
Mankato, Minnesota



Construction Cost
\$3M

Reference:

Steve Conover
Operations Manager
Verizon Wireless Center
One Civic Center Plaza
Mankato, Minnesota 56001
P: 507.387.8440
C: 507.381.0216
sconover@verizonwirelesscentermn.com

Project Description

The ice system for this multi-purpose, 4,500-seat venue constructed in 1995 was in need of replacement. The existing Holmsten direct R-22 ice system was failing and the risk of compromising ice quality for the Division 1 Collegiate Maverick hockey team was not an option. In addition, the City was looking to provide an interior face-lift to this aging facility by replacing seating, the dasher board system and painting. Stevens led an experienced team of consultants to provide the specialized services and leadership required to design and manage this critical project. Stevens successfully scheduled and managed the three main projects under three separate contracts while allowing for dry floor events to take place, on the rink floor, prior to the completion of the project.

The largest component of the project was replacing the heart of the facility, the direct R-22 ice system. After a thorough discussion on ice system replacement options, the City selected to modify the existing refrigeration system and replace the concrete rink floor. Complicating the project was piling and structural sub-slab systems located beneath the rink floor. These systems were modified to provide the necessary pipe trenches required for the new rink floor system. Experience in working with equipment rooms designed for direct ice systems proved valuable in making this smaller refrigeration room work with the system modifications.

The dasher board system was replaced with the latest technology and options to maximize player's safety and spectator's involvement and enjoyment including one of the first acrylic and flexible clear post support systems in collegiate hockey. The system was designed to easily accommodate the removal and re-installation of the dasher boards for dry floor events. Both the fixed and retractable seating systems were replaced with new lower maintenance and brighter seating systems. With careful planning, surveying of existing infrastructure, clear communication, and; continuous monitoring, scheduling and surveying as the project progressed; the project was completed on time for the start of the 2014 hockey season.



Sullivan Arena

Anchorage, Alaska



Facility Type

ECHL Professional,
College, Division 1
Community



Expertise

Evaluation, Design, Construction



Status

Completed
October 2015



Owner

Municipality of
Anchorage, Alaska



Construction Cost

\$6M

Reference:

John Rodda
Director - Parks & Rec Department
Municipality of Anchorage
PO Box 196650
Anchorage, AK 99519
907.343.4562
roddajh@muni.org

Jon Clark
Maintenance and Operations
Municipality of Anchorage
3640 E. Tudor Rd
Warehouse 1
Anchorage, AK 99507
907.343.8257
clarkjm@ci.anchorage.ak.us

Project Description

Sullivan Arena, known to the locals as “The Sully”, is Alaska’s crown jewel for all kinds of entertainment. The Sully is a multi-use facility hosting a variety of events year round, but the highlight is ice hockey.

Sullivan Arena is Alaska’s largest entertainment venue, and has nearly 6,300 seats where spectators can enjoy all different levels of hockey. The Olympic sized arena that sits within Sullivan Arena hosts hockey contests for the Anchorage community, all the way up to the professional level. The Sully is home to the Alaska Aces of the ECHL professional league, as well as the University of Alaska Anchorage Seawolves who reside in the WCHA Division 1 hockey conference.

Stevens spearheaded the ice system replacement design, which also included the replacement of the ice and dasher board systems and modifications to related spaces. Stevens left it’s mark on the project when they designed this CO₂ refrigerant based ice system. This was the second CO₂ refrigerant based ice system in the United States. This followed up Stevens first, and highly successful, CO₂ based ice system at the McDonald Center the year before. This is the first CO₂ system at the professional and college levels of play. The main benefit using CO₂ refrigerant is that it minimizes energy use which provides higher temperature waste heat. This is important because a higher temperature waste heat provides opportunities for additional uses throughout the building.



Yost Ice Arena - University of Michigan

Ann Arbor, Michigan



Facility Type
College
Division 1



Expertise
Evaluation, Design, Construction



Status
Completed
October 2015



Owner
University of
Michigan - Ann Arbor



Construction Cost
\$5M

Reference:
Scott Wood

Project Manger - Architects Office
University of Michigan
326 East Hoover, Mail Stop E
Ann Arbor, MI
734.647.1329
scottwd@umich.edu

Project Description

Yost Ice Arena is located at the University of Michigan- Ann Arbor and seats up to 5,800 people. Originally built in 1923, it has since undergone many renovations.

Stevens worked with the University to remove and rebuild the existing rink floor to facilitate replacement of refrigeration piping, make minor architectural changes in the ice equipment room, enclose the existing Zamboni flood water treatment system, extend the wall in the Zamboni area to increase separation from the west concourse, expand the existing snow melt pit, and the construction of two new brick screen walls at the south façade of the building to enclose the cooling tower and dumpsters.

This project also included the replacement of existing ice, dasher board and related mechanical systems in this 1920's historical building. The design included extensive ammonia safety systems such as an ammonia scrubber system, vent walls, enhanced ventilation, a detailed gas monitoring system, a static diffusion system, minimizing the ammonia charge in the system, and more. The architectural elements included two tiers of screen walls for exterior equipment and a trash container.

Through careful planning and a thorough review of improvement options, the University will substantially reduce their carbon footprint by eliminating 6,000 pounds of ozone-depleting R-22 refrigerant. The design was completed in 2014 and construction was completed in 2015.

Stevens is also assisting the University and its emergency preparedness and process safety management team.



Volpe Athletic Center - Merrimack College

North Andover, Massachusetts



Facility Type
College
Division 1



Expertise
Design Review, Construction



Status
Completed
September 2013



Owner
Merrimack College



Construction Cost
\$1.1M

Reference:

Richard Gallant - Program Director
Middlesex Islanders LLC
PO Box 439, Dunstable MA 01827
978.501.4378
richard@gallantfamily.net

Dan Dal Pra - Executive Vice President
Pro Con Incorporated
PO Box 4430, Manchester, NH 03108
603.623.8811 ext. 126
ddalpra@proconinc.com

Project Description

After receiving proposals from several ice rink contractors, the general contractor, and owner, Stevens was hired to perform a detailed review of the ice system proposals. The ice system proposals included a detailed matrix of key components and design elements to aid in the comparison and selection of a new ice system. Once a contractor was selected, Stevens performed an engineering review of the ice rink contractor's final design for the ice system. Stevens was also on-site during construction to observe the installation of the systems.



Labahn Arena (Kohl Center) - University of Wisconsin

Madison, Wisconsin



Facility Type
College
Division 1



Expertise
Design, Construction



Status
Completed
November 2012



Owner
University of
Wisconsin- Madison



Construction Cost
Initial Budget: N/A
Award: \$1,350,735 (ice system)
Change Orders: \$-30

Reference:

Joe Schultz
Senior Construction Manager
Kahler Slater Architects
111 W Wisconsin Ave
Milwaukee, WI 53203-2501
414.272.2000
jschultz@kahlerslater.com

Owner Representative: Art Schultz -
Director of Kohl Center
University of Wisconsin-Madison
608.438.1915

Construction Manager/Client: Matt Premo -
Project Manager
J.H. Findorf & Sons
300 S Bedford St
Madison, WI 53703
608.257.5321
mnpromo@findorf.com

Project Description

This facility is an expansion of the Kohl Center on the campus of the University of Wisconsin-Madison and will serve as the Badger's Division I Women's hockey facility. Stevens was hired by the project architect to assure the facility and the University received a top performing ice system. The refrigeration system was designed around the state mandated R-507 refrigerant and recovers 100% of the waste heat for uses throughout the building.



Community Activity Center

Brooklyn Park, Minnesota



Facility Type
Community



Expertise
**Evaluation, Design,
Construction, Grant**



Status
**Completed
September 2010**



Owner
**City of
Brooklyn Park, Minnesota**



Construction Cost
**Ice System: \$1.4 M
HVAC: \$1.4 M
Dashers: \$165,000**

Reference:
Mark Palm
Facility Manager
Brooklyn Park Community Center
5600 85th Ave N
Brooklyn Park, MN 55443
763.493.8245
mark.palm@brooklynpark.org



Project Description

The original ice arena at the Community Activity Center in Brooklyn Park, Minnesota was constructed in 1983 and served by a direct Holmsten Ice Rinks System. As with most of these systems that were installed in the 1980's, equipment failures have increased maintenance costs and raised concern about reliability.

Stevens was the lead consultant on this project and worked closely with Brooklyn Park and their Energy Service organization to design a unique solution for the replacement of the Holmsten system and other mechanical systems. The solution includes using city well-water as a geothermal heat exchange system. This design allows the new refrigeration setup to operate at higher than normal efficiencies, unmatched by other designs in the industry. The new plan will also capture 100% of the waste heat generated from the refrigeration system for reuse in the facility.

This new, energy-efficient design substantially reduces the greenhouse gas emissions of the facility and lowers its carbon footprint without sacrificing performance of the two ice sheets. The first of the two ice sheets were placed on-line in August, 2010 and is exceeding performance and efficiency expectations.



Parade Ice Gardens

Minneapolis, Minnesota



Facility Type
Community



Expertise
Feasibility, Design, Construction



Status
Completed
Fall 2013
Summer 2014



Owner
Minneapolis Parks
and Recreation Board



Construction Cost
Total: \$4.60M
Ice System: \$3.16M

Reference:

Reggie Krakowski
Ice Arena Facility Manager
612.370.4846
jkrakowski@minneapolisparcs.org

Project Description

Parade Ice Gardens were facing the same dilemma that many of the Minnesota ice rinks are currently facing. How long can they continue to safely operate with 15,000 pounds of R-22 in the systems that serve three ice sheets when leaks were amounting to over \$100,000 each year?

The challenges of this particular project included: phased construction over two years, a very tight mechanical room to house a single common ammonia-based refrigeration system, routing large rink transmission mains through the facility, poor soils, and a facility that was always open to the public.

Stevens extensive ice rink renovation experience was one of the major factors in the delivery of a very successful ice system renovation solution for the Parade Ice Gardens and the Minneapolis Parks and Recreation Board.



Pasadena Ice Skating Center

Pasadena, California



Facility Type
Community



Expertise
**Evaluation, Design,
Construction, Grant**



Status
**Completed
September 2011**



Owner
Pasadena Center Operating Co.



Construction Cost
**Ice System: \$900K
Dasher Boards: \$165K
Remaining Build Out: \$1,890,000**

Reference:

Michael Ross, CEO
Pasadena Center Operating Co.
300 E Green St
Pasadena, CA 91101
626.793.2122
mross@pasadenacenter.com



Project Description

The existing Pasadena Ice Skating Center had been operating since 1976 in the original historical City Ballroom, constructed in 1931. The facility is in need of a major renovation and repairs. In efforts to evaluate the aging facility and be proactive in sustaining and improving the community's access to ice skating activities, the Pasadena Center Operating Company (PCOC) directed Stevens, in 2009, to perform an evaluation of the existing Ice Skating Center.

The study concluded that the cost of renovating just the interior shell of the building and the buildings ice and other mechanical systems would cost over \$3.7M. However, as part of the study, a more economical option was found, to move the ice skating rink from the historical ballroom to an existing, adjacent, rigid frame tensile structure.

After further consideration and evaluation, and several attempts by the City to build an entirely new facility, the PCOC and the City had decided to move ahead with transforming the existing structure into an ice skating facility. Under a tight budget and time-frame, the facility opened on time in September, 2011.



Rock Springs Ice Arena - Family Recreation Center

Rock Springs, Wyoming



Facility Type
Community



Expertise
Design, Construction



Status
Completed
September 2011



Owner
City of
Rock Springs, Wyoming



Construction Cost
\$847,000

Reference:

David Lansang
Director - Parks & Recreation
City of Rock Springs
3900 Sweetwater Dr
Rock Springs, WY 82901
307.352.1440
dave_lansang@rswy.net

Project Description

The Rock Springs Family Recreation Center is a major highlight for the local community. The Family Recreation Center is fully equipped with a gym complete with an indoor track, a state-of-the-art aquatic area, and a one sheet ice rink. This ice rink is home to the local community's hockey teams and figure skaters.

The Rock Springs Ice Arena utilized a Holmsten Direct Ice System. As with any well used mechanical system, reliability and maintenance costs are an ongoing issue. Stevens' ice staff came up with a design to convert their Holmsten Direct Ice System into a state-of-the-art, energy efficient, indirect system.

A highlight of Stevens' design was that it allowed the city to save approximately \$150,000 in capital costs by re-using the existing refrigeration equipment. While designing the indirect refrigeration system, the main issue was the existing refrigeration room was one story above the current ice sheet. An additional problem Stevens had to face was the poor water quality for the ice making process.

Stevens' extensive renovation experience was necessary to successfully navigate the various challenges that arose at the recreation center. Stevens came up with a design that best utilized the unique location of the mechanical room and the small, cramped space to successfully route all piping. Stevens also decided it was important to install a reverse osmosis system to filter the resurfacer and flood water.



Scheel's Ice Plex

Sioux Falls, South Dakota



Facility Type

Community, USHL
3 Rinks



Expertise

Design, Construction



Status

Completed
October 2014



Owner

Ice Sports Association



Construction Cost

\$2M

Reference:

Joe Zueger

Director- Ice Sports Association
PO Box 90504
Sioux Falls, SD 57109
605.339.8185
jzueger@workplace-it.com

Project Description

The Scheel's Ice Plex is the product of the Ice Sports Association's strong desire and determination to improve the opportunity for quality ice time in the region while keeping costs to a minimum with the focus on ice. The outcome is an impressive 3-sheet facility with one main arena in the center. The facility is fast becoming the regional hub for hockey and other skating activities. It is also the home to the USHL Sioux Falls Stampede hockey team.

Probably the most impressive part of this facility is hidden in the back room; the refrigeration system. This was an area the Owners knew they didn't want to compromise on and understood the tremendous economical and social impact the refrigeration and ice systems have on ice rink facilities.

Stevens designed a common ammonia-based refrigeration system to serve all 3 ice sheets maximizing efficiency. In addition, Stevens studied the benefits of using screw type compressors over the traditional reciprocating type compressors and determined it would reduce operation and maintenance cost while using less energy. Waste heat recovery system were designed to maximize the recovery and use of the refrigeration system waste heat and serve the snow melt pit, subfloor heating systems, and preheating for domestic water. The single industrial grade, flooded chiller, refrigeration system; waste heat recovery systems; central control system; and screw compressors; maximize efficiency and provide longevity lessen the financial burden on the facility for the next 30 plus years.



Shakopee Ice Arena

Shakopee, Minnesota



Facility Type
Community
2 Rinks



Expertise
Evaluation, Design,
Grant, Construction



Status
Completed
January 2017



Owner
City of
Shakopee, Minnesota



Construction Cost
\$2M

Reference:
Troy Clemia
Ice Arena Operations
1255 Fuller St S
Shakopee, MN 55379
952.233.9522
tclemia@ShakopeeMN.gov

Project Description

In a state with over 220 ice rinks, new facilities are becoming more rare. However, this growing south metro community knew the only way to satisfy the demand for ice and community activities was to build a new 2-rink ice arena, new community center, and convert its existing single rink facility into an aquatic center.

Working with an experienced ice arena and community center architectural firm, Stevens designed a long-term, energy efficient solution for the ice systems. As with any multi-sheet ice facility, flexibility is key to successful operation. The ammonia-based indirect ice system was designed to maximize flexibility by adding controls for individual ice temperature settings, nighttime setback, etc. The system is designed to make it easier to change between ice and dry floor events and to operate in any combination of these modes.



Rough Rider Center / Watford City Event Center

Watford City, North Dakota



Facility Type
Community
Junior-USHL
2 Rinks



Expertise
Design, Construction



Status
Completed
2014-15



Owner
City of
Watford, North Dakota



Construction Cost
\$90M

Reference:

Aeon Long
Building Superintendent
Watford City Rough Rider Center
2209 Wolves Den Pkwy
Watford City, North Dakota 58854
701.570.0002
aeon@roughridercenter.com

Project Description

This 262,000-square-foot, two-story municipal event and recreation center in Watford City, North Dakota features a competition swimming pool and waterpark; multi-use field house with three basketball courts and removable artificial turf; 3,000-seat arena for sporting events and concerts with eight executive suites; gymnastics club; elevated running track; administrative offices; 10,000 square feet of convention space; and a 1,000-seat hockey arena and separate practice hockey rink. The Rough Rider Center will be used by various community groups as well as by the Watford City High School which is adjacent to the event center.

The project included a common ammonia-based refrigeration system to maximize energy efficiency, two concrete ice rink floor systems, and dasher board systems. Stevens was challenged to consider locating the refrigeration room on the second level of the facility to allow a maintenance facility to be located at ground level and maximize the usable ground level space. The unique location was determined feasible but increased the concerns of noise, vibration, and access for maintenance and safe egress. Stevens worked closely with the architect to address these concerns resulting in a very successful multi-sheet ice system design that not only maximizes the performance of the ice rinks and the waste heat recovery systems but provided added value to the City for additional ground level support facilities.



Braemar Arena - Refrigerated Outdoor Ice Rink

Edina, Minnesota



Facility Type
Community
4 Rinks



Expertise
Design, Construction



Status
Completed
October 2014



Owner
City of
Edina, Minnesota



Construction Cost
\$1.4M

Project Description

Braemar Ice Arena is one of the premier community and high school venues in the U.S. and includes three indoor ice rinks and one outdoor ice rink. Stevens has been working closely with the City of Edina since 2009 in renovating the existing ice arena facilities. In 2012 Stevens completed a study to assist the City in planning for the replacement of the R-22-based refrigeration system that was serving the East Rink. The study evaluated numerous replacement options. This planning was the foundation for a new ammonia-based refrigeration system to serve the East Rink and the new outdoor ice rink. In 2014, the city decided more ice time was needed and that a refrigerated outdoor ice rink would complement the three existing indoor facilities and add a unique and existing element to the overall facility.

One of the most efficient means of serving an outdoor ice rink facility with refrigeration is by sharing capacity of another ice system. With an aging R-22 refrigeration system serving one of the three existing ice arenas and the need for more ice, the City hired Stevens to design a common ammonia refrigeration system to serve both the existing East Arena and a new outdoor ice sheet. Since opening in the fall of 2015, the system has been operating very efficiently with utility costs unchanged or sometime even lower than when only the East Rink was operating.



Reference:
Ann Kattreh
Director - Parks & Recreation
City of Edina
4801 W 50th St
Edina, MN 55424
952.826.0430
akattreh@ci.edina.mn.us

St. Louis Park Rec Center - Refrigerated Outdoor Ice Rink

St. Louis Park, Minnesota



Facility Type
Community
3 Rinks



Expertise
Design, Construction



Status
Completed
October 2016



Owner
City of
St. Louis Park, Minnesota



Construction Cost
\$3.2M

Reference:

Cindy Walsh
Parks and Recreation Director
City of St. Louis Park
3700 Monterey Dr
St. Louis Park, MN 55416
952.924.2541
cwalsh@stlouispark.org

Jason Eisold
Rec Center Manager
3700 Monterey Dr
St. Louis Park, MN 55416
952.924.2547
jeisold@stlouispark.org

Project Description

Stevens has recently completed the design for an extensive renovation/ new ice rink project as the prime consultant. The St. Louis Park City Council was looking for something that could not only suit their winter needs, but also be a structure that can host events in the warmer weather as well. The renovation and new ice rink will allow for hockey, ice skating and other winter activities now while this spring and summer it will be converted to a turfed field for baseball, softball, and soccer along with fitness classes, farmers' markets, and theater performances.

The project includes the replacement of two indoor R-22 based ice systems and the design of a new outdoor ice rink at the St. Louis Rec Park Center. The two- existing individual ice refrigeration system are used to maximize sustainability, operating and maintenance efficiency. Another key component of the design for the new facility was maximizing the use of the waste heat from the refrigeration system.

A fabric roof structure will be added this spring eliminating concern for inclement weather canceling sports or community events.



Chaska Curling and Event Center

Chaska, Minnesota



Facility Type
Curling
6 Sheets



Expertise
Design, Construction



Status
Completed
December 2015



Owner
City of
Chaska, Minnesota



Construction Cost
\$870,000

Reference:
Tom Redman
Director - Parks and Rec
City of Chaska, MN
952.448.9200
tredman@chaskamn.org

Project Description

The Chaska Curling and Event Center is home to the largest curling membership in the United States. Fully equipped with six curling sheets, a lounge, and locker rooms, the Chaska Curling Center is becoming an important facility within the city's park and recreation program.

The facility opened in December of 2015, and has exceeded everyone's expectations. It has racked up a membership of over 1,240 curlers, provided a brand new recreational facility, and spurred economic growth while revitalizing the City of Chaska.

Stevens provided the ice system design services for the new six sheet curling facility. This included a design for the ammonia based refrigeration system, waste heat recovery system, and the six sheet curling floor.

After successfully completing a multi-million dollar ice system renovation at the city's community center ice arena, the city again turned to Stevens for their expertise in curling facility design.



Hibbing Curling Club

Hibbing, Minnesota



Facility Type
Curling
7 Sheets



Expertise
Design, Construction



Status
Completed
October 2013



Owner
City of
Hibbing, Minnesota



Construction Cost
\$484K

Reference:

Mark Wirtanen
Project Architect
Architectural Resources, Inc.
704 E Howard St
Hibbing, MN 55746
218.263.6868
mark.wirtanen@arimn.com

Peter Hyduke
Director of City Services
Parks & Recreation Department
City of Hibbing
400 E 23rd St
Hibbing, MN 55746
218.362.5940
phyduke@ci.hibbing.mn.us

Project Description

An aging curling floor prompted the City of Hibbing to make improvements to its existing curling club. As part of the project, Stevens provided the design services that included replacing the existing curling floor and modifying the existing refrigeration system to accommodate the new floor.

The biggest challenge on this project was the replacement of the existing seven individual concrete floors with one single refrigerated floor, around 42 building columns, to allow the owner to move its ice resurfacing equipment between lanes.

Other key improvements included modifying the existing chiller and pumping system to increase the flow rate to the floor improving ice quality and installing a new sub-floor heating system to eliminate the heaving problems the facility was plagued with for many years.



A Few of Our Current Projects



Facility Type
Professional NHL



Expertise
Ice System Design



Owner
Minnesota Wild
St. Paul Port Authority



Wabasha Center
St. Paul, Minnesota

The Minnesota Wild are getting a new practice facility on a roof of a downtown St. Paul parking structure. Construction at the building owned by St. Paul Port Authority began in the fall of 2016 and is set to be finished by September 2017. It will be a steel structure and an all-glass front. Stevens designed the ice system for this project challenged by a west facing wall of windows. The Wild will now join the other NHL teams in having a dedicated practice facility.

Reference:
Mark Anger
Facility Development /
Project Manager
Minnesota Wild
317 Washington St
St. Paul, Minnesota 55102
651.312.3476
manger@wild.com



Facility Type
Professional NHL
Community



Expertise
Ice System Design



Owner
The Rinks



Great Park Ice & Sports Complex
Irvine, California

This 280,000-square-foot community ice complex and practice facility for the Anaheim Ducks will be the largest of its kind in California. It will have four ice sheets with one having seating for up to 2,500 spectators. Many programs including youth and adult hockey, figure skating, curling, broomball, sled hockey, and public open skate will be available at the facility. Stevens experience in designing multi-sheet complexes was key to an efficient and cost effective design for the ice system. The Great Park Ice & Sports Complex is scheduled to open in July 2018.

Reference:
Art Trottier
Vice President
The Rinks
300 W Lincoln Ave
Anaheim, California 92805
714.518.3201
atrottier@the-rinks.com



Facility Type
College Prep



Expertise
Ice System Design



Owner
Deerfield Academy



Conceptual Drawing by Sasaki

Deerfield Athletic Complex, Deerfield Academy
Deerfield, Massachusetts

The new Deerfield Academy ice rink will be located in their new 136,000 square-foot Athletic Complex with a seating capacity of 466 plus viewing galleries and standing room. Various other spaces include a puck shooting and skate sharpening room. The facility will also have a Field House with synthetic turf, a tennis pavilion, exercise rooms, lounges, conference rooms, and a golf simulator room. Stevens designed the specialized heat pump-based ice system for this project. The \$52M facility is set to be completed in the fall of 2018.

Reference:
Nancy Freedman
Sasaki Associates
64 Pleasant St
Watertown, Massachusetts
02472
617.923.7385
nfreedman@sasaki.com



Facility Type
College
Division 1



Expertise
Ice System Design



Owner
Bentley University



Conceptual Drawing by Architectural Resources Cambridge (ARC)

Bentley Multipurpose Arena, Bentley University
Boston, Massachusetts

This new arena will have approximately 2,000 fixed seats that can also accommodate up to 3,400 for larger events. The facility will serve as an ice hockey arena for Bentley's NCAA Division 1 hockey team and a location for seminars, concerts, and guest speakers. Looking for an alternative to an ammonia-based ice system, Stevens assisted the University in evaluating other options.

Reference:
Jan Taylor
Associate Principal
Architectural Resources
Cambridge
Suite 4101
501 Boylston St
Boston, Massachusetts 02116
617.575.4252
jtaylor@arcusa.com

Section 5: References



"The DECC would be honored to give our highest recommendation to Stevens. We have worked with Stevens on Ice Sheet Replacement and on installation of our Ice Sheet in our new AMSOIL Arena. Their work has been excellent. In addition, they worked diligently with our designers and contractor to design an Ice System that helped our new arena achieve LEED Silver status."

Dan Russell, 2012
Executive Director
Duluth Entertainment Convention Center

REFERENCES

We take pride in serving our clients' needs. The success of a project is not only measured by its function, value, and cost-effectiveness; but through our client's satisfaction. We strive to be a partner in your project. We encourage you to call our references listed below.

If there are projects listed in our SOQ that do not have references listed, please feel free to call us for additional reference information.

MacInnes Student Ice Arena - Michigan Technological University Houghton, MI

(Division 1 College)
Owner and Client: David Nordstrom, Manager - Building Operations
John J. MacInnes Student Ice Arena
142 SDC Building, 1400 Townsend Dr, Houghton, MI 49931-1295
P. 906.487.2578
dpnordst@mtu.edu

Mariucci Arena - University of Minnesota Minneapolis, MN

(Division 1 College)
Owner/Client: Craig Flor - Athletic Facility Manager
University of Minnesota- Minneapolis
137 Mariucci Arena, 1901 4th St S.E., Minneapolis, MN 55455
P. 612.626.8365
florx003@umn.edu

Sanford Center - Bemidji State University Bemidji, MN

(Division 1 College)
Construction Manager: Gerry Domino - Senior Project Manager
Kraus Anderson
206 Beltrami Ave N.W., Bemidji, MN 56601
P. 218.759.0596
gerry.domino@drausanderson.com

Sports and Health Center - University of Minnesota- Duluth Practice and Student Facility Duluth, MN

(Division 1 College)
Owner: John Kessler - Construction Project Administration
University of Minnesota
280 Lund Building, 223 W. College St, Duluth, MN 55812
P. 218.726.8620
jkessler@d.umn.edu

Ralph Engelstad Arena - University of North Dakota Grand Forks, ND

(Division I College)
Owner/Client: Jody Hodgson - General Manager
University of North Dakota
One Ralph Engelstad Arena Dr, Grand Forks, ND 58203
P. 701.777.6633
jodyh@theralph.com

Compton Family Ice Arena- University of Notre Dame Notre Dame, IN

Owner and Client: Michael Sheggeby- Operations Manager
Compton Family Ice Arena
Notre Dame, IN 46556
P. 574.631.1169
michael.h.sheggeby.1@nd.edu

REFERENCES

Runestone Community Center
Alexandria, MN
Owner and Client: Vinnie Hennen- Facility Manager
Runestone Community Center
704 Broadway St, Alexandria, MN 56308
P. 320.763.4466
arcc@rea-alp.com

All Seasons Arena
Mankato, MN
Owner/Client: Jared Larson, Arena Manager
All Seasons Arena, 1251 Monks Ave, Mankato, MN 56001
P. 507.387.6552
jlarsol@isd77.org

Elk River Ice Arena
Elk River, MN
Owner/Client: Rich Czech- Facility Manager
Elk River Ice Arena
1000 School St, Elk River, MN 55330
P.763.635.1141

National Sports Center Schwan’s Super Rink
Blaine, MN
Owner/Client: Pete Carlson- Facility Manager
National Sports Center Schwan’s Super Rink, 1850 105th Ave N.E., Blaine, MN 55449
P. 763.717.3881

Moorhead Sports Center
Moorhead, MN
Owner/Client: Barry Warren- Facility Manager
Moorhead Sports Center, 324 24th St S., Moorhead, MN 56560
P. 218.299.5354

Lawson Arena
Western Michigan University
Anand Sankey- Director of Engineering and Maintenance
Western Michigan University
1903 W Michigan Ave
Kalamazoo, MI 49008
269.387.8579
anand.sankey@wmich.edu

Tartan Ice Arena/Polar Ice Arena
Oakdale, MN
Owner/Client: Brad Martinson- Facility Manager
Tartan Ice Arena
740 Greenway Ave N., Oakdale, MN 55128
P. 651.248.9627

We would be happy to provide additional references at your request.



20+
YEARS OF
SPECIALTY
EXPERIENCE



200+
PROJECTS



23
STATES



 **Stevens**



P. 651.436.2075
2211 O'Neil Rd. Hudson, WI 54016



B32 Engineering Group, Inc.
2211 O'Neil Road
Hudson, WI 54016

Legal Status:
S Corporation

Owner:
Scott Ward, PE
(AK, AZ, CO, CT, FL, IA, IL, MA, MD, ME, MI,
MN, MO, NC, ND, NE, NH, NJ, NM, NY, OH, PA,
SD, TN, TX, VT, WI, WY)

Services Offered:

Ice System Design
Ice Arena Consultation
Feasibility Studies
Planning
Evaluation Studies
Energy and Operation Studies
Construction Administration
Post Construction
Funding Assistance

Our Firm

B32 Engineering Group specializes in the planning, consultation, design, and construction administration of the ice system for ice arena facilities. As a nationally recognized leader in the ice rink industry we have completed over 250 very successful ice rink projects ranging from community based facilities, outdoor skating surfaces, curling facilities, Division 1 College facilities to NHL facilities.

We embrace the use of renewable and sustainable materials and techniques in our standard design practices. We place them front and center during our continuous efforts to research and find new approaches, technologies, and environmentally-friendly materials and refrigerants. A few examples include: our on-going evaluation, analysis and application of CO₂ as a refrigerant and the first applications of CO₂ in the United States (B32 was the first in the United States to use CO₂ in an ice rink application); our continued new applications for using waste heat in the facility; and our very successful application using a municipal water source as a geothermal source of energy. We have recently completed the soon to be Platinum LEED certified ice arena facility at Bentley University, MA with ARC. We strongly believe that ice systems designed for longevity and minimal operation and maintenance costs will use less energy, require fewer repairs, and will play a key role in the facility's success.

Our on-going success is attributed to the passion we have for these unique facilities, ice sports in general, and the personal attention we provide for each and every project. Our involvement in the industry not only includes the professional services we provide, but the many hours we have spent as users of these facilities as hockey players, volunteer coaches, coaching coordinators, etc. and overall long term supporters of the volunteer organizations that grow and support these sports. The combination of personal and professional experiences has proven invaluable to the success of our design projects.

We look forward to sharing our knowledge and experiences with you.



DIRECTOR OF PARKS & REC



BOB IJAMS, PLA

PROJECT MANAGER



MATTHEW DUGGAN
AIA, LEED AP

DESIGNER



ANIA SZULC,
LEED AP BD+C

DESIGN PRINCIPAL



LOIS VITT SALE,
FAIA, LEED FELLOW

REC PRE-CONSTRUCTION



CRAIG POLTE

DIRECTOR OF MEP



SUDESH SARAF,
PE, LEED AP

COST MANAGEMENT



RANDY JARDINE,
CPE, LEED AP

STRUCTURAL ENGINEERING



MATTHEW AQUINO,
PE, SE

ICE ENGINEER



SCOTT WARD, PE



MATTHEW DUGGAN, AIA, LEED AP PROJECT MANAGER

Matthew has over 28 years of experience assisting clients in numerous sectors with parks and recreation, corporate, commercial, education, and religious projects. As Vice President, Corporate Market Manager, he is involved from the initial client introductions, to programming, design, bidding, and construction coordination through move-in. He excels at building and leading a high-performance team, driving results, and managing budgets and schedules.

EDUCATION/ REGISTRATIONS

Bachelor of Science,
Architectural Studies,
University of Illinois at
Urbana-Champaign

Licensed Architect – IL

LEED Accredited
Professional

AFFILIATIONS

American Institute of
Architects

RELEVANT EXPERIENCE

Parks & Recreation

Glencoe Park District – Glencoe, IL

- Takiff Center Fitness
- IT and ceramics room renovation

Calumet Memorial Park District – Calumet City, IL

- Harrison Street Indoor Sports Facility

Glenview Park District – Glenview, IL

- The Grove Interpretive Center renovation

Mount Prospect Park District – Mount Prospect, IL

- Central Community Center/NWSRA renovation

Northbrook Park District – Northbrook, IL

- Activity Center

Plainfield Park District – Plainfield, IL

- Prairie Activity & Recreation Center

South Elgin Parks & Recreation Department – South Elgin, IL

- Indoor sports center

Chicago Public Building Commission – Chicago, IL

- 9th District Police Station site adaptation and parking garage, LEED-NC Gold
- 23rd District Police Station site adaptation and parking garage, LEED-NC Gold

Adler Planetarium & Astronomy Museum – Chicago, IL

- Sky Theater renovation
- Universe Theater renovation

Glen Ellyn Park District – Glen Ellyn, IL

- Ackerman Sports and Fitness Center Renovation



LOIS VITT SALE, FAIA, LEED FELLOW DESIGN PRINCIPAL

Lois' 30 year career as a practicing architect has focused on sustainability as intrinsic to design, aided by the application of green technologies and sustainable planning. She has educated, volunteered, and lent her energies to promulgate an understanding that creating places where people thrive demands deeply sustainable solutions for the built environment.

Lois' career has been both driven and distinguished by environmentally sound building practices. Her portfolio consists of more than 80 LEED projects, including prominent projects such as the LEED Platinum Hidden Oaks Nature Center and the Bachelor Enlisted Quarters at the Great Lakes Naval Training Center—one of the first LEED Certified buildings in the world.

EDUCATION/ REGISTRATIONS

Bachelor of Arts, Indiana University

Masters of Architecture, Catholic University of America

Licensed Architect – IL

LEED Fellow

AIA Fellow

Certified Green Professional (CGP)

AFFILIATIONS

American Institute of Architects

The Conservation Foundation, Board Member since 2014

Green Infrastructure Foundation, Board Member

Living Architecture Performance Tool, Co-chair

Metropolitan Planning Council Sensible Growth Committee, 2013

Downers Grove Environmental Concerns Commission, Commissioner

US Green Building Council (USGBC)

- Illinois Chapter Leader Award 2012
- Advisory Council 2017
- Chair 2006
- Vice-Chair 2005
- Board Member 2004-2006

Illinois Healthy Schools Campaign Task Force

Illinois Climate Change Advisory Group

Illinois Green Building Advisory Council

RELEVANT EXPERIENCE

Parks & Recreation

Glen Ellyn Park District – Glen Ellyn, IL

- Ackerman Sports and Fitness Center Renovation

Plainfield Park District – Plainfield, IL

- Design Principal for Prairie Activity & Recreation Center, Plainfield Park District's new recreation center targeting Passive House Institute US (PHIUS) and Net Zero Certification. The center provides a two-story recreational space with two gymnasium courts, a fitness center, and an elevated walking track, as well as a fully functioning four-classroom preschool. Lois assisted Plainfield Park District in securing a \$1M grant to become the first Net Zero park district building in Illinois.

Naperville Park District, Knoch Knolls Nature Center – Naperville, IL

- Designer for 5,000-sf LEED Platinum certified nature center focused on celebrating water. Project features include rainwater harvesting to flush toilets, living walls/bio-filter to cleanse indoor air and reduce the need for outside air in extreme weather, 18 kW photovoltaic array, VRF heating and cooling, and LED lighting throughout.

Bolingbrook Park District, Hidden Oaks Nature Center – Bolingbrook, IL

- Designer for this nature center that obtained LEED Platinum certification, Lois led the design team in creating a facility on this 17-acre wooded site that used round timber for structure and local limestone (across the river) to enclose its preschool classrooms. This facility features a 2,000-sf green roof, and utilizes geothermal heat and integrated photovoltaics, as well as a constructed wetland for blackwater treatment and a straw bale structure to house a "mud-kitchen" for its smallest visitors.

Evelyn Pease Tyner Interpretive Center – Glenview, IL

- Designer and Principal for this 6,500-sf, zero-energy interpretive center that earned LEED Platinum certification in 2007. Completed in the fall of 2006, this project includes a geothermal heat pump, integrated photovoltaics, a large green roof, dual flush toilets, and the use of rapidly renewable materials such as cork and wheatboard. Situated on a 32-acre remnant prairie, the center will serve to teach visitors about the history and science of the prairie while demonstrating ways to live on the prairie "lightly."

Glenview Park District – Glenview, IL

- The Grove Interpretive Center Renovation

Northbrook Park District – Northbrook, IL

- Activity Center

Oakbrook Park District – Oakbrook, IL

- Cori's Clubhouse Recreation Facility

Park Ridge Park District

- Oakton Ice Arena Renovation



CRAIG POLTE PRE CONSTRUCTION RECREATION MANAGER

EDUCATION/ REGISTRATIONS

Bachelor of Science,
Architectural Studies,
University of Illinois at
Urbana-Champaign

Craig brings over 30 years of experience in all facets of the construction industry, with particular focus on recreation facilities, ice arenas, and athletic fields. He has been a construction manager on numerous projects for park districts, municipalities, and public agencies. Craig is experienced in all phases of complex project development and delivery. His understanding of budgeting and scheduling issues allows him to provide definition from the earliest phases of a project to assure that goals and expectations are achieved. He excels at integrating detailed construction logistics and phasing plans early in the design process.

RELEVANT EXPERIENCE

Parks & Recreation

Park District of Franklin Park – Franklin Park, IL

- Franklin Park Ice Arena renovation

Niles Park District – Niles, IL

- IceLand Skate Complex
- LoVerde Sports and Recreation Center
- Golf View Recreation Center
- Oasis Fun Park
- Tam Tennis Center renovation
- Golf Course Pedestrian Bridge replacement

Plainfield Park District – Plainfield, IL

- Prairie Activity and Recreation Center

Oak Brook Park District – Oak Brook, IL

- Family locker room renovation
- Central Park improvement project

Bensenville Recreation & Community Programming Department – Bensenville, IL

- The Edge Ice Arena renovation

Bolingbrook Park District – Bolingbrook, IL

- Hidden Oaks Nature Center, LEED platinum certification
- Hidden Oaks Conservation Area

Frankfort Park District – Frankfort, IL

- Recreation Center planning

Glen Ellyn Park District – Glen Ellyn, IL

- Lake Ellyn Boat House and Park improvements, Phase I and II
- Ackerman Sports and Fitness center renovation

Naperville Park District – Naperville, IL

- Fort Hill Activity Center
- Nike Park

Normal Parks & Recreation Department – Normal, IL

- Maxwell Park Soccer Complex

Park Ridge Park District

- Oakton Ice Arena Renovation

South Elgin Parks & Recreation Department – South Elgin, IL

- Indoor sports center

Wheaton Park District – Wheaton, IL

- Graf Park



ANIA SZULC, LEED AP BD+C DESIGNER

Ania has over 15 years of experience in the architectural field. Her broad skill set has developed from planning and design engagements with parks & recreation, public, educational, and private commercial clients. Her design talents easily flex from large-scale master planning efforts to detailed work on pedestrian-scaled spaces. An advocate of sustainable design, she has provided assistance on various projects in obtaining LEED certification.

EDUCATION/ REGISTRATIONS

Master of Architecture
and Urban Planning,
Gdansk University of
Technology, Poland

LEED Accredited
Professional

RELEVANT EXPERIENCE

Parks & Recreation

Glencoe Park District – Glencoe, IL

- Takiff Center Fitness
- IT and ceramics room renovation

Glen Ellyn Park District – Glen Ellyn, IL

- Ackerman Sports and Fitness Center Renovation

Glenview Park District – Glenview, IL

- The Grove Interpretive Center renovation

Northbrook Park District – Northbrook, IL

- Activity Center

Plainfield Park District – Plainfield, IL

- Prairie Activity & Recreation Center

Bolingbrook Park District – Bolingbrook, IL

- Hidden Oaks Nature Center, LEED Platinum

Naperville Park District – Naperville, IL

- Seager Park Interpretive Center
- Knoch Knolls Nature Center, LEED Platinum

Niles Park District – Niles, IL

- IceLand Skate Complex facility improvements

Municipal

Village of Mundelein – Mundelein, IL

- Mundelein Village Hall

County

DuPage County – Wheaton, IL

- County IT area renovation
- Health Department – Community Center
- Health Department – Concept planning study
- Health Department – Dental Clinic remodeling
- Health Department – Mental Health Clinic renovation

Kane County – Geneva, IL

- Randall Road Branch Court & Conference Center
- Children’s Area study
- Third Street Courthouse renovation

Will County – Joliet, IL

- County-wide facility needs analysis



SUDESH SARAF, PE, LEED AP DIRECTOR OF MEP ENGINEERING

Sudesh has over 25 years of experience, through which he has developed an expertise in the design of MEP systems, including control systems, energy analysis, life cycle cost analysis, and electrical infrastructure, for commercial and institutional projects. His responsibilities include project engineering design and project management for municipal, education, laboratory, residential, and corporate facilities in the Chicago metropolitan area. Sudesh leads the engineering group that focuses on mechanical, electrical, plumbing (MEP), and fire protection services.

EDUCATION/ REGISTRATIONS

Bachelor of Science,
Architectural Studies,
University of Illinois at
Urbana-Champaign

RELEVANT EXPERIENCE

Parks & Recreation

Park Ridge Park District – Park Ridge, IL

- Oakton Ice Arena
- Maintenance facility HVAC

Glen Ellyn Park District – Glen Ellyn, IL

- Ackerman Sports and Fitness Center Renovation

Bolingbrook Park District – Bolingbrook, IL

- Hidden Oaks Conservation Area

City of Aurora – Aurora, IL

- Water Treatment Plant geothermal feasibility study

Fox Valley Park District – Aurora, IL

- Facility analysis study

Glenview Park District – Glenview, IL

- The Grove Nature Center

Naperville Park District – Naperville, IL

- Seager Park Interpretive Center
- Knoch Knolls Interpretive Center, LEED Platinum

Niles Park District – Niles, IL

- IceLand Skate Complex
- LoVerde Sports and Recreation Center

Northbrook Park District – Northbrook, IL

- Activity Center

Oak Brook Park District – Oak Brook, IL

- Family locker room renovation

Plainfield Park District – Plainfield, IL

- Prairie Activity & Recreation Center

County

DuPage County, Forest Preserve District – Various Locations, IL

- Willowbrook Wildlife Center (Wheaton)

Grundy County – Morris, IL

- 911 Call Center

Kane County – Geneva, IL

- Branch Court & Conference Center
- Third Street Courthouse renovation

Government

United States Department of the Navy – Crane, IN

- Building 3291 Laser Target Platform design submittal



MATTHEW AQUINO, PE, SE DIRECTOR OF STRUCTURAL ENGINEERING

Matthew has over 25 years of experience in building engineering with an emphasis on structural design, analysis, project coordination, and project delivery. Matthew's expertise lies in the structural design and management of small-scale assignments to large, complex projects. His project experience spans the design and renovation of educational, municipal, and other public buildings; low-rise, mid-rise, and high-rise office buildings; hotels; residential; healthcare; mixed-use developments; parking structures; and warehouses.

EDUCATION/ REGISTRATIONS

Masters of Science,
Civil Engineering,
Northwestern University

Bachelor of Science, Civil
Engineering, University
of Illinois at Urbana-
Champaign

Graduate Certificate,
Construction
Management, Illinois
Institute of Technology

Licensed Structural
Engineer

Licensed Professional
Engineer

AFFILIATIONS

American Society of Civil
Engineers (ASCE)

Structural Engineering
Association of Illinois
(SEAOI)

American Concrete
Institute (ACI)

American Institute of
Steel Construction (AISC)

National Council of
Structural Engineers
Associations (NCSEA)

RELEVANT EXPERIENCE

Parks & Recreation

Chicago Park District– Chicago, IL

- Leonard Louie Fieldhouse, LEED Platinum

Glen Ellyn Park District – Glen Ellyn, IL

- Ackerman Sports and Fitness Center Renovation

Glenview Park District – Glenview, IL

- The Grove Interpretive Center renovation

Naperville Park District – Naperville, IL

- Seager Park Interpretive Center
- Knoch Knolls Interpretive Center, LEED Platinum

Niles Park District – Niles, IL

- LoVerde Sports and Recreation Center, addition and renovation
- IceLand Skate Complex

Northbrook Park District – Northbrook, IL

- Activity Center

Park Ridge Park District – Park Ridge, IL

- Oakton Ice Arena

Plainfield Park District – Plainfield, IL

- Prairie Activity & Recreation Center

PK-12 Education

New Trier High School District 203 – Winnetka, IL

- New Trier High School Winnetka Campus addition

Adlai E. Stevenson High School District 125 – Lincolnshire, IL

- East Building addition

Community Consolidated School District 62 – Des Plaines, IL

- Central Elementary School, addition and renovations
- North Elementary School, addition and renovations
- Orchard Place Elementary School, addition and renovations
- Plainfield Elementary, addition and renovations
- South Elementary School, addition and renovations
- Terrace Elementary, addition and renovations

Joliet Township HSD 204 – Joliet, IL

- West High School science addition
- Central High School student center and galleria
- Transition center renovation
- Concessions building



RANDY JARDINE, CEP, LEED AP DIRECTOR OF COST MANAGEMENT

EDUCATION/ REGISTRATIONS

Bachelor of Science,
Construction
Management, California
State University, Chico

Certified Professional
Estimator

LEED Accredited
Professional

AFFILIATIONS

Board Director American
Society of Professional
Estimators – Chicago
Chapter 7

With nearly 30 years of construction estimating experience, Randy is skilled in understanding the specific cost information required throughout a project's design and pre-construction process. He collaborates with design teams to manage scheduling and cost estimating, as well as constructibility reviews. Randy's expertise in budgeting and detailed estimating helps clients to make more informed decisions. Additionally, his attention to detail assists project teams in ensuring that all aspects of a project progress as efficiently as possible.

RELEVANT EXPERIENCE

Municipal

Northbrook Park District – Northbrook, IL

- Activity Center

Plainfield Park District – Plainfield, IL

- Prairie Activity & Recreation center

Naperville Park District – Naperville, IL

- Fort Hill Activity Center
- Knoch Knolls Nature Center

Glenview Park District – Glenview, IL

- The Grove Interpretive Center renovation

Glen Ellyn Park District – Glen Ellyn, IL

- Lake Ellyn Boat House renovation

City of Chicago, Department of Fleet and Facility Management (2FM) – Chicago, IL

- City Hall restack and consolidation

City of Indianapolis/County of Marion – Indianapolis, IN

- Criminal Courthouse and Jail Owners Representative

DuPage County – DuPage County, IL

- DU-COMM Public Safety Communications Facility feasibility study
- Jeanne Nicarico Facility, construction management

DuPage County Health Department – Wheaton, IL

- Community Center
- Multiple floor interior renovations

Forest Preserve District of DuPage County – Wheaton, IL

- Willowbrook Wildlife Center master plan
- Willowbrook Wildlife Center support facility and parking expansion
- Honey Processing building

Niles Park District – Niles, IL

- IceLand Skate Park
- LoVerde Sports and Recreation Center

Kane County – Geneva, IL

- Children's study area
- Sheriff's firing range

Public Building Commission of McClean County – Bloomington, IL

- McLean County Law and Justice Center expansion

Public Building Commission of Chicago – Chicago, IL

- Chinatown Branch Library
- Albany Branch Library
- Chicago Public Schools 2013 School Improvement Project
- Gately Stadium renovations
- Jefferson Elementary renovations

Team Members and Qualifications



Scott Ward, P.E.

Principal/Vice President/Project Engineer

Registration

Registered Professional Engineer in AK, AZ, CO, CT, FL, IA, IL, MA, MD, ME, MI, MN, MO, NC, ND, NE, NJ, NH, NM, NY, OH, PA, SD, TN, TX, VT, WI, WY

Education

University of Minnesota
Master of Science in Mechanical Engineering
Bachelor of Civil Engineering

Professional Affiliations

-American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
-Minnesota Ice Arena Managers Association (MIAMA)-Green Committee
-Wisconsin Ice Arena Managers Association (WIAMA)
-Ice Skating Institute (ISI)
U.S. Ice Rink Association (formerly STAR)
USA Hockey

Amery Youth Hockey Association-
Association Coaching and Education Director 2007-2014,
Coach 2001-2015

Achievements

2001 National ASHRAE Award for Design of the Super Rink's Sheet, Dual Fuel, Refrigeration System

Lectures and Presentations

"Schwan's Super Rink- Operation Evaluation Study"
2000 University of Minnesota Mechanical Engineering Department Faculty- MSME Thesis

"The Schwan's Super Rink" January 1999 Rink Magazine
Coauthor with Beth Weber

"Alternative Refrigerants" Research and author 1999 in depth Study on alternative refrigerants Numerous presentations for MIAMA conferences

"Direct System Renovation Options"
Presentation at Gustavus Adolphus College, March 2008

Mr. Ward has over 24 years experience in civil and mechanical engineering fields. His education and engineering experience uniquely qualifies him for the specialized design requirements of ice systems. With his experience in fluid hydraulics, pumping and piping systems, heat transfer, refrigeration, thermodynamics, structures and materials, Scott has developed a specialty in designing ice systems.

He has been involved in over 250 ice rink projects since 1997, including: professional venues, professional practice facilities, Division 1 college venues, multi-sheet community arenas, and outdoor ice rinks/skating paths. Scott is integrally involved in each ice rink project.

Scott brings first-hand experience to this project both as a professional designer and as a user of these facilities. As an avid life-long hockey player, fan, supporter or youth hockey, coaching coordinator, and 15 years as coach of youth hockey programs; Scott has visited and used countless ice arena facilities. This experience has proven instrumental in applying practical insight to ensure system and spaces are designed to meet the specific needs of each facility and their performance and operational goals.

Representative Projects

TRIA Rink (Minnesota Wild Practice Facility)

MN Wild, St. Paul, MN
• Ice System Design & Construction, 2015-17

Amsoil Arena (\$60m)

University of Minnesota- Duluth, MN
• Ice System Design and Construction, 2010 **(\$1.2m)**

Bentley University Arena (\$35m)

Bentley University, Waltham, MA
• Ice system Design and Construction, 2014-2016
(\$1.8m)

Bowling Green Ice Arena

Bowling Green State University, OH
• Ice Rink Floor Renovation and Replacement,
2016-2017 **(\$1.2m)**

Colby College New Arena

Colby College, Waterville, MA
• Ice System Design and Construction, Current **(\$2.1m)**

Colgate University New Ice Arena (\$37.8m)

Colgate University, Hamilton, NY
• Ice System Design and Construction, 2014-16 **(\$1.6m)**

Titletown Skating Path

Green Bay Packers, Green Bay, WI
• Ice System Design 2016-17

Ice Den

Phoenix Coyotes Training Facility, Scottsdale, AZ
• Rink 1&2 Evaluation and Design, 2007
• Rink 3 Ice System Design, 2011 **(\$1.1m)**
• Chandler Ice System Design, 2015 **(\$1.2m)**
• Rink 1 & 2 Ice System Replacement, 2016 **(\$3.8m)**

Enterprise Center formerly "Scottrade Center"

St. Louis Blues, St. Louis, MO
• Ice System Design and Construction, 2017

Chesterfield SportsComplex

City of Chesterfield, MO
• Ice System Design, 2018

Solar4America Ice (San Jose Sharks Practice Facility)

San Jose, CA
• Ice System Design and Construction, 2017-18

St. Louis Ice Center

St. Louis Blues, Maryland Park, MO
• Ice System Design and Construction, 2017-18

Lawson Arena (\$6.8m)

Western Michigan University, Kalamazoo, MI
• Ice System PreDesign Study, 2014
• Ice System Design and Construction, 2015-16 **(\$1.8m)**

Great Park Ice and Sports Complex

Anaheim Ducks Practice Facility
Irvine, CA
• Ice System Design & Construction, 2014-18

Sanford Center (\$55m)

Bemidji State University, Bemidji, MN
• Ice System Design and Construction, 2010 **(\$1.3m)**

Schwan's Super Rink Expansion

National Sports Center (8-Sheets), Blaine, MN
• 4-Sheet Ice System Design and Construction, 2006
(\$3.5m)

Sullivan Arena (\$6m)

University of Alaska-Anchorage and Alaska Aces,
Anchorage, AK
• CO₂ Ice System Design and Construction, 2014-15
(\$3m)

St. Louis Park Recreation Center (3 Sheets)

City of St. Louis Park, St. Louis Park, MN
• Evaluation, 2012
• Ice System Design and Construction, 2015-16

Verizon Wireless Center (\$3m)

Minnesota State University-Mankato, Mankato, MN
• Ice System Replacement and Renovation, 2013

Yost Ice Arena (\$5m)

University of Michigan-Ann Arbor, Ann Arbor, MI
• Pre-design Study, 2012
• Ice System Replace and Renovation, 2014-15

V. Action Item C

Approval of the Lincoln Playground Design

Glencoe Park District
August 2019 Board Meeting



To: Board of Commissioners

Date: 8/8/19

From: Lisa Sheppard, Executive Director

SUBJECT: Lincoln Park Playground

Attached are the designs from Altamanu for Lincoln Park playground. The plan encompasses the feedback from the Board and offers a lot of play potential in all the different areas. This playground is projected to be in the budgeted amount approved by the Board. After review of the plans, staff is recommending approval of the design.



Lincoln and Crescent August 20th 2019

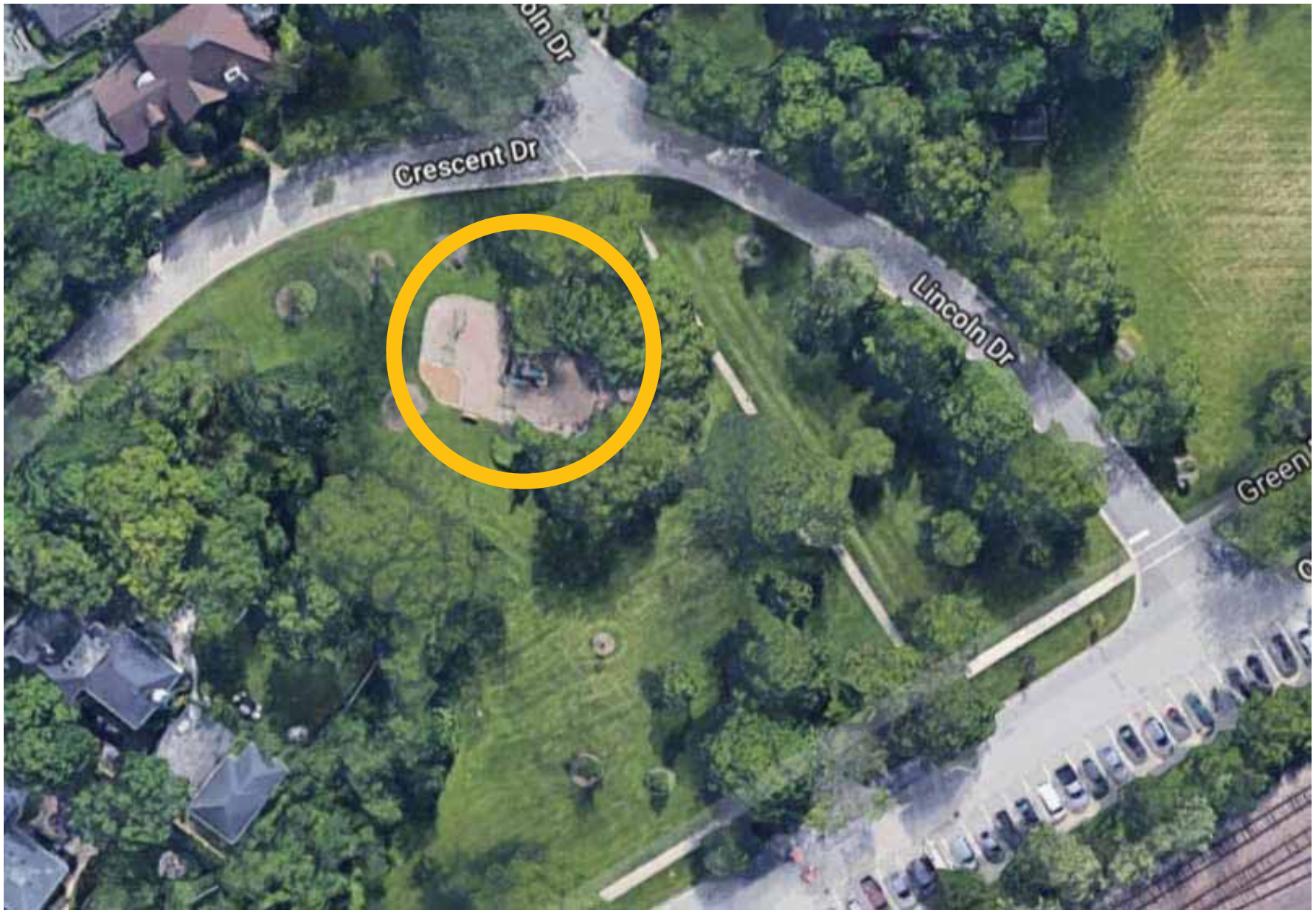
Lincoln and Crescent Playground : Existing Site



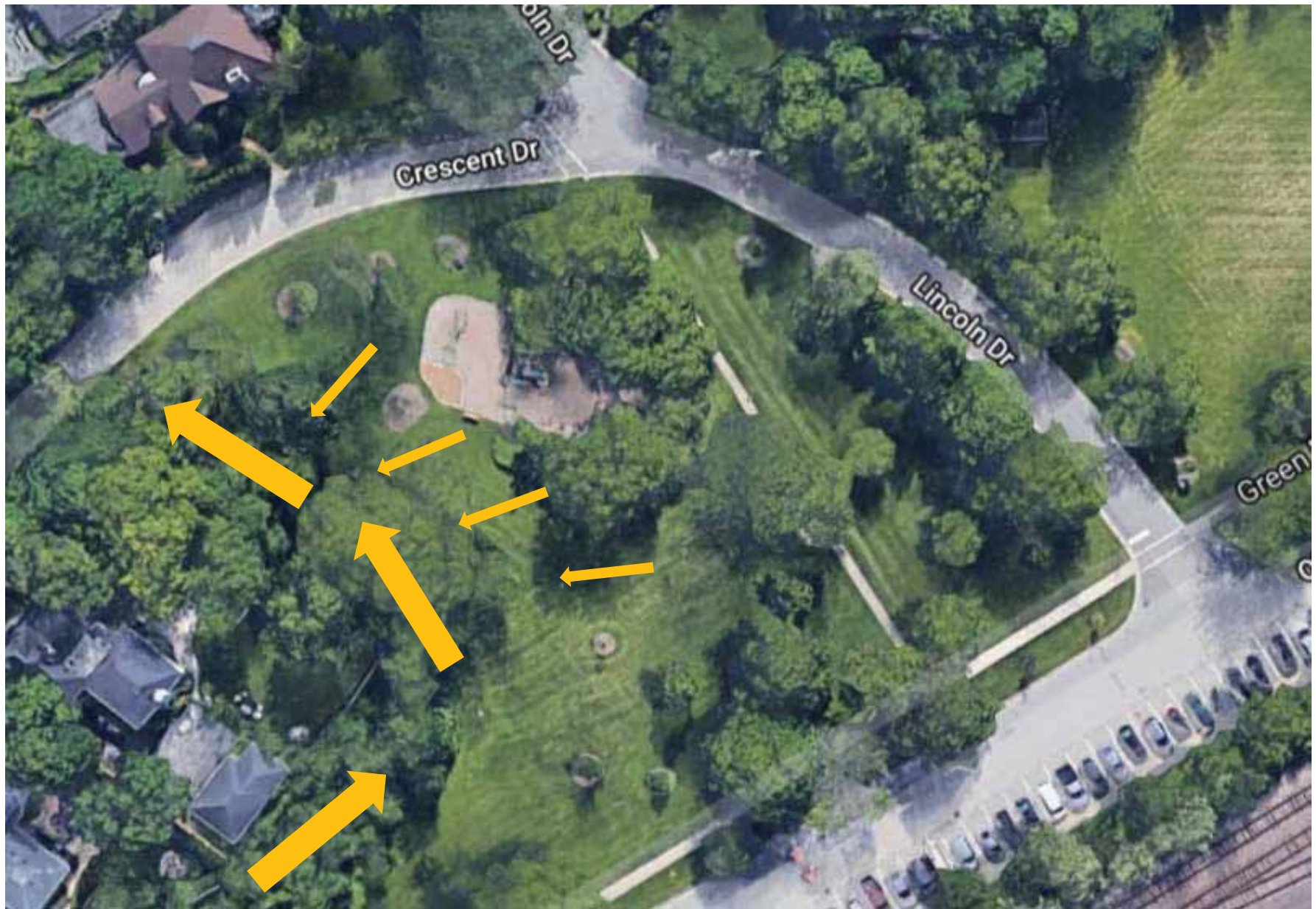
Lincoln and Crescent Playground : Existing Site



Lincoln and Crescent Playground



Existing Site Topography and Drainage



Sidewalk from Earlier Alignment



Existing Playground View from Old Green Bay



Existing Sidewalk/Path



Existing Playground on Rise



Existing Playground View From Lincoln Crescent



Existing Playground View From Lincoln Crescent



Make use of the Slope as at West Park



Add Interactive Water Feature



Include a Runnel





Example at Oak Park Conservatory

Hand-Cranked Miniature Train



Preliminary Design



Main Playground

Interactive Water Feature

Group Swings

Miniature Train

Preliminary Design



Interactive Water Feature

Runnel, runs down slope

Pool (connect to wet meadow planting and existing storm water catch basin)

Connection to Trail



160 Feet to nearest Residence to the SE

200 Feet to nearest residence to the NE

Comments by Board Members and Staff

- Protect trees where possible
- Add stroller and bike parking at entries
- Move swings
- Add accessible tables
- Add seating for all ages

Potential Hand Driven Train

Current Design



Current Design



Main Playground

Bike & Stroller Parking
(Added)

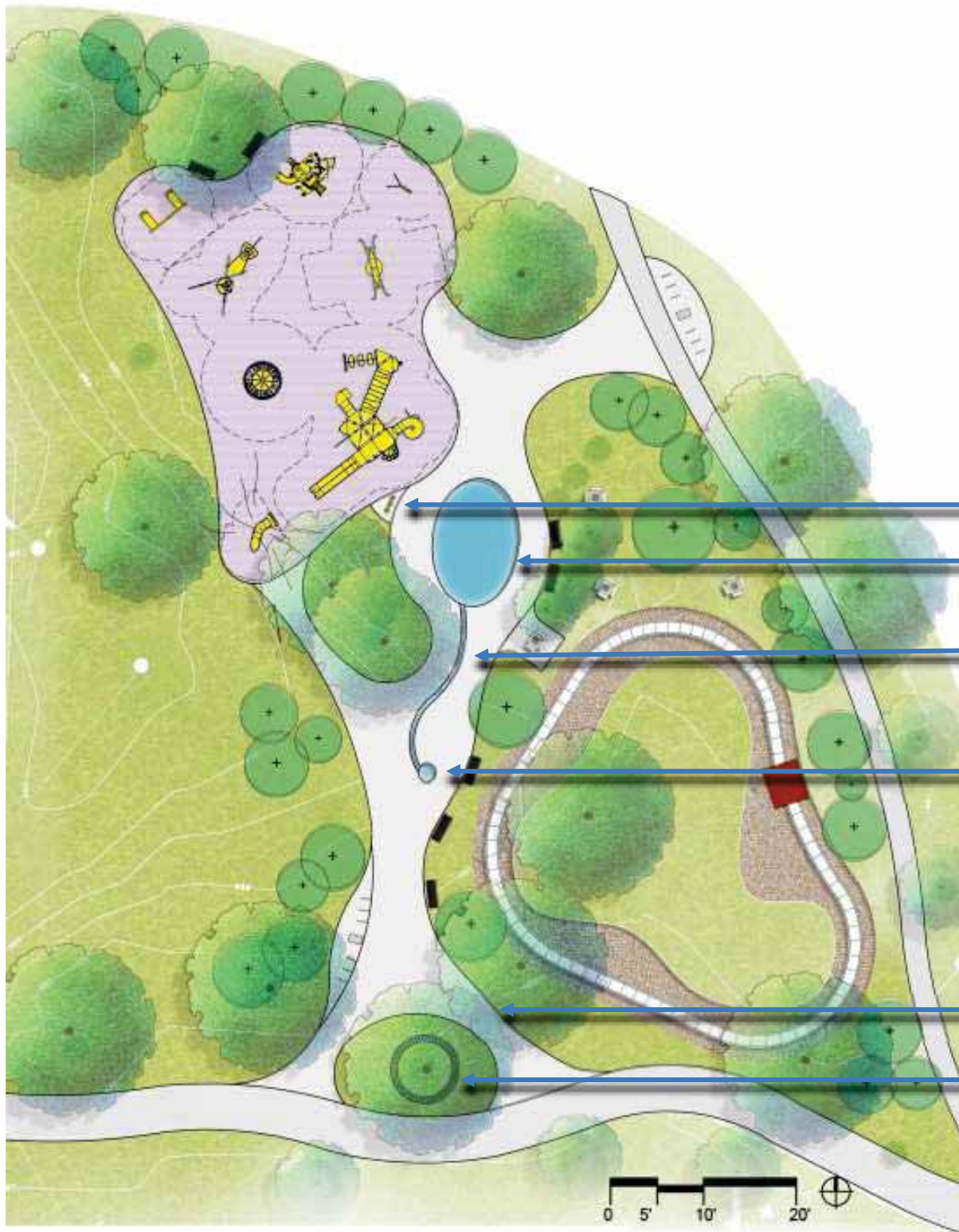
Picnic
(swings moved trees saved)

ADA Picnic Table
(Added)

Miniature Train

Bike & Stroller Parking

Current Design



Drinking Fountain

Interactive Water Feature

Runnel, runs down slope

Pool

Connection to Trail

Circular Bench Meeting Place
(Added)

Note: Colors will change

PLAYSTRUCTURES

2-5
Years



Proposed Play Equipment 2-5

Altamanu Inc.
landscape architecture + urban design + planning

SMP GROUP

LENCOE
PARK DISTRICT



Proposed Play Equipment 2-5



Proposed Play Equipment 2-5



Proposed Play Equipment 2-5



Proposed Play Equipment 5-12

Global Motion



Global Motion



Proposed Play Equipment 5-12



Double Slides

Proposed Play Equipment 5-12



Proposed Play Equipment 5-12



Added to Main Piece of Equipment

Altamanu Inc.
landscape architecture + urban design + planning





Rendered Views of Proposed

Altamanu Inc.
landscape architecture + urban design + planning

SMP GROUP











Comparison Existing and Proposed

Existing Playground Area **2,951 S.F.**

Proposed Playground Area **4,720 S.F.**

Not including train

Current Design





V. Action Item D
Approval of emergency repairs of Takiff
Center air handler #1 &3 compressors

Glencoe Park District
August 2019 Board Meeting



INTEROFFICE MEMORANDUM

TO: Board of Commissioners
FROM: Lisa Sheppard, Executive Director and Chris Leiner, Director of Parks & Maintenance
DATE: 8/9/19

SUBJECT: Emergency Repairs Takiff Center Air Handler #1& 3 Compressors

On August 5, 2019, two of the three air handlers at the Takiff Center broke down. These units provide cooling to the Community Wing and ELC Wing. Upon a detailed inspection by the Park District's contractual HVAC service provider (Althoff Industries), it was determined that both units required the replacement of one out of four compressors and associated components. The units were temporarily restarted at limited cooling capacity.

This equipment operating at maximum capacity is required to operate the Takiff Center. Without repairs the units would not be effective in high heat. Based on this fact, Executive Director Lisa Sheppard consulted with the President of the Board of Commissioners Lisa M. Brooks and the emergency repair for a cost of \$28,170 was authorized.

The repairs are substantial and require the use of a crane; additionally the equipment will need an extended shut-down. The repairs are scheduled to take place during the Takiff Center shutdown to avoid any interruption in service.

It is due to coincidence that two units require service at the same time. It is only due to the simultaneous failure of two compressors that Board authorization is necessary. Repairs such as this are routine in nature for equipment that is 11 years old. These repairs will be funded out of an operating account specifically budgeted for HVAC maintenance.

Recommended Motion: The approval of the emergency repairs necessary on the Takiff Center's Air Handler 1 & 3 by Althoff Inc. of Crystal Lake for a total of \$28,170.

VII. Park Tour

Glencoe Park District
August 2019 Board Meeting



To: Board of Commissioners

Date: 8/8/19

From: Lisa Sheppard, Executive Director

SUBJECT: Parks Tour Itinerary

After action items are approved, we will climb aboard Hilary the GPD bus. The following parks we will included in the tour:

- Watts Park
- Milton Park
- Kalk Park Pathway
- Lakefront Tennis Courts
- South and Green Bay Park
- Shelton Park
- Maintenance Center