

GL NUMBER	DESCRIPTION	2017-18 ORIGINAL BUDGET	YTD BALANCE 11/30/2017	AVAILABLE BALANCE	% BUDGT USED	ACTIVITY FOR MONTH 11/30/2017
Fund 208 - PARKS/HASEROT/BHP/ARCHIE						
Revenues						
Dept 000						
208-000-664.000	Interest & Dividends	0.00	150.30	(150.30)	100.00	0.00
Total Dept 000		0.00	150.30	(150.30)	100.00	0.00
Dept 751-PARKS						
208-751-607.EVT	Parks Lg. Event Fee	0.00	5,585.00	(5,585.00)	100.00	0.00
208-751-664.000	Interest & Dividends	450.00	0.00	450.00	0.00	0.00
208-751-667.000	Rental Income	1,000.00	1,020.00	(20.00)	102.00	0.00
208-751-675.000	Donations	500.00	250.00	250.00	50.00	0.00
203-751-699.000	Appropriated Transfers In	100,000.00	100,000.00	0.00	100.00	0.00
Total Dept 751-PARKS		101,950.00	106,855.00	(4,905.00)	104.81	0.00
TOTAL REVENUES						
		101,950.00	107,005.30	(5,055.30)	104.96	0.00
Expenditures						
Dept 000						
208-000-807.000	Audit Fees	0.00	978.89	(978.89)	100.00	978.89
208-000-818.000	Contractual Services	0.00	6,319.68	(6,319.68)	100.00	0.00
208-000-855.DEQ	Noncom. Public Wat. Sup. Fee	0.00	557.61	(557.61)	100.00	0.00
208-000-999.000	Appropriations Transfers Out	0.00	41.76	(41.76)	100.00	0.00
Total Dept 000		0.00	7,897.94	(7,897.94)	100.00	978.89
Dept 751-PARKS						
208-751-703.000	Per Diem	7,500.00	2,840.00	4,660.00	37.87	320.00
208-751-710.000	Towmpak/Work Comp	1,750.00	1,798.00	(48.00)	102.74	581.00
208-751-715.000	Employer Social Security	600.00	217.26	382.74	36.21	24.48
208-751-726.000	Supplies	1,000.00	251.40	748.60	25.14	137.67
208-751-783.000	Seeding and Planting Services	10,000.00	0.00	10,000.00	0.00	0.00
208-751-801.000	Legal Fees	1,000.00	0.00	1,000.00	0.00	0.00
208-751-807.000	Audit Fees	1,000.00	0.00	1,000.00	0.00	0.00
208-751-818.000	Contractual Services	45,000.00	18,999.04	26,000.96	42.22	3,159.84
208-751-818.010	Contractual and Recording Sec	2,160.00	720.00	1,440.00	33.33	0.00
208-751-855.DEQ	Noncom. Public Wat. Sup. Fee	0.00	540.00	(540.00)	100.00	0.00
208-751-900.000	Printing & Publishing	2,000.00	262.40	1,737.60	13.12	0.00
208-751-921.000	Electricity	2,500.00	941.56	1,558.44	37.66	80.13
208-751-926.000	Street Lighting	1,250.00	2,803.92	(1,553.92)	224.31	91.09
208-751-930.000	Repairs and Maintenance	20,000.00	9,460.96	10,539.04	47.30	0.00
208-751-930.100	Log Church Maintenance	22,000.00	0.00	22,000.00	0.00	0.00
208-751-930.200	BHP Repairs and Maintenance	2,100.00	4,362.58	(2,262.58)	207.74	0.00
208-751-958.000	Memberships and Dues	0.00	307.48	(307.48)	100.00	0.00
208-751-960.000	Education & Training	250.00	0.00	250.00	0.00	0.00
208-751-967.BHP	Bowers Harbor Park Expansion	30,000.00	15,675.58	14,324.42	52.25	0.00
208-751-970.000	Capital Outlay	0.00	1,716.20	(1,716.20)	100.00	0.00
Total Dept 751-PARKS		150,110.00	60,896.38	89,213.62	40.57	4,394.21
TOTAL EXPENDITURES						
		150,110.00	68,794.32	81,315.68	45.83	5,373.10

GL NUMBER	DESCRIPTION	2017-18		YTD BALANCE 11/30/2017	AVAILABLE BALANCE	% BDGT USED	ACTIVITY FOR MONTH 11/30/2017
		ORIGINAL BUDGET					
Fund 208 - PARKS/HASEROT/BHP/ARCHIE							
Fund 208 - PARKS/HASEROT/BHP/ARCHIE:							
TOTAL REVENUES		101,950.00		107,005.30	(5,055.30)	104.96	0.00
TOTAL EXPENDITURES		150,110.00		68,794.32	81,315.68	45.83	5,373.10
NET OF REVENUES & EXPENDITURES		(48,160.00)		38,210.98	(86,370.98)	79.34	(5,373.10)

GL NUMBER	DESCRIPTION	2017-18 ORIGINAL BUDGET	YTD BALANCE 11/30/2017	AVAILABLE BALANCE	% BDT USED	ACTIVITY FOR MONTH 11/30/2017
Fund 212 - Pelizzari Natural Area						
Revenues						
Dept 000						
212-000-407.000	Delinquent Taxes	6,900.00	6,962.78	(62.78)	100.91	0.00
212-000-620.000	Tax Collection Payover	318,000.00	0.00	318,000.00	0.00	0.00
212-000-664.000	Interest & Dividends	500.00	497.32	2.68	99.46	0.00
212-000-675.000	Donations	0.00	700.00	(700.00)	100.00	0.00
Total Dept 000		325,400.00	8,160.10	317,239.90	2.51	0.00
TOTAL REVENUES						
		325,400.00	8,160.10	317,239.90	2.51	0.00
Expenditures						
Dept 000						
212-000-807.000	Audit Fees	500.00	0.00	500.00	0.00	0.00
212-000-818.000	Contractual Services	2,300.00	871.68	1,428.32	37.90	108.96
212-000-921.000	Electricity	500.00	199.43	300.57	39.89	25.19
212-000-930.000	Repairs and Maintenance	1,000.00	308.50	691.50	30.85	0.00
212-000-956.100	Contingency, Miscellaneous	500.00	0.00	500.00	0.00	0.00
212-000-961.000	Refund of Taxes	250.00	0.00	250.00	0.00	0.00
212-000-970.000	Capital Outlay	2,500.00	0.00	2,500.00	0.00	0.00
212-000-991.000	Debt Service - Principal	265,000.00	265,000.00	0.00	100.00	0.00
212-000-995.000	Debt Service - Interest	15,469.00	15,468.75	0.25	100.00	0.00
212-000-997.CRB	CRMA Bond Debt Service	750.00	750.00	0.00	100.00	0.00
Total Dept 000		288,769.00	282,598.36	6,170.64	97.86	134.15
TOTAL EXPENDITURES						
		288,769.00	282,598.36	6,170.64	97.86	134.15
Fund 212 - Pelizzari Natural Area:						
TOTAL REVENUES						
		325,400.00	8,160.10	317,239.90	2.51	0.00
TOTAL EXPENDITURES						
		288,769.00	282,598.36	6,170.64	97.86	134.15
NET OF REVENUES & EXPENDITURES						
		36,631.00	(274,438.26)	311,069.26	749.20	(134.15)

Fund 508 - Lighthouse Fund

GL NUMBER	DESCRIPTION	2017-18 ORIGINAL BUDGET	YTD BALANCE 11/30/2017	AVAILABLE BALANCE	% BUDGET USED	ACTIVITY FOR MONTH 11/30/2017
Revenues						
508-000-508.LHG	Lighthouse Grant	40,000.00	0.00	40,000.00	0.00	0.00
508-000-664.000	Interest & Dividends	100.00	40.02	59.98	40.02	0.00
508-000-667.100	Keeper Program	6,500.00	4,245.00	2,255.00	65.31	0.00
508-000-667.200	Lighthouse Tours	76,000.00	85,573.00	(9,573.00)	112.60	1,728.00
508-000-675.000	Donations	2,000.00	8,653.13	(6,653.13)	432.66	51.00
Total Dept 000		124,600.00	98,511.15	26,088.85	79.06	1,779.00
TOTAL REVENUES		124,600.00	98,511.15	26,088.85	79.06	1,779.00
Expenditures						
Dept 000						
508-000-708.000	Lighthouse Manager	8,500.00	6,012.33	2,487.67	70.73	549.46
508-000-710.000	Towmpak/Work Comp	2,300.00	0.00	2,300.00	0.00	0.00
508-000-715.000	Employer Social Security	650.00	459.92	190.08	70.76	42.03
508-000-724.000	POSTAGE	0.00	13.64	(13.64)	100.00	0.00
508-000-726.000	Supplies	3,000.00	658.05	2,341.95	21.94	0.00
508-000-726.KPR	Keeper Quarter Supplies	0.00	22.24	(22.24)	100.00	0.00
508-000-726.LHS	Lighthouse Signs	0.00	87.90	(87.90)	100.00	0.00
508-000-728.000	Grounds	800.00	632.68	167.32	79.09	0.00
508-000-745.000	Museum Displays	0.00	529.65	(529.65)	100.00	0.00
508-000-801.000	Heating Fuel	1,300.00	389.96	910.04	30.00	0.00
508-000-807.000	Legal Fees	850.00	393.75	456.25	46.32	0.00
508-000-818.000	Audit Fees	600.00	587.34	12.66	97.89	0.00
508-000-818.BGC	Contractual Services	13,100.00	8,001.76	5,098.24	61.08	587.34
508-000-818.LHG	Background Checks	0.00	118.32	(118.32)	100.00	762.72
508-000-818.LHS	Lighthouse Grant Match	0.00	10,582.23	(10,582.23)	100.00	59.16
508-000-818.SEC	Security	0.00	144.93	455.07	24.16	24.99
508-000-818.WEB	Website	600.00	143.10	(456.90)	100.00	0.00
508-000-850.000	Com/Telephone	1,500.00	1,045.05	454.95	69.67	159.55
508-000-855.DEG	Noncom. Public Wat. Sup. Fee	0.00	265.87	(265.87)	100.00	0.00
508-000-870.000	Mileage	3,000.00	1,385.59	1,614.41	46.19	75.11
508-000-881.000	Community Activities	1,000.00	1,177.02	(177.02)	117.70	0.00
508-000-900.000	Printing & Publishing	1,500.00	595.00	905.00	39.67	0.00
508-000-921.000	Electricity	2,000.00	709.01	1,290.99	35.45	89.45
508-000-930.000	Repairs and Maintenance	17,500.00	5,724.06	11,775.94	32.71	13.50
508-000-956.000	Contingency Fund	2,500.00	0.00	2,500.00	0.00	0.00
508-000-958.000	Memberships and Dues	345.00	445.00	(100.00)	128.99	0.00
508-000-960.000	Education & Training	0.00	30.00	(30.00)	100.00	0.00
508-000-970.000	Capital Outlay	13,000.00	2,733.00	10,267.00	21.02	0.00
508-000-999.000	Appropriations Transfers Out	40,000.00	40,000.00	0.00	100.00	1,773.00
Total Dept 000		114,045.00	82,887.40	31,157.60	72.68	4,136.31
TOTAL EXPENDITURES		114,045.00	82,887.40	31,157.60	72.68	4,136.31

Fund 508 - Lighthouse Fund:  
 TOTAL REVENUES 124,600.00 98,511.15 26,088.85 79.06 1,779.00  
 TOTAL EXPENDITURES 114,045.00 82,887.40 31,157.60 72.68 4,136.31  
 NET OF REVENUES & EXPENDITURES 10,555.00 15,623.75 (5,068.75) 148.02 (2,357.31)

GL NUMBER	DESCRIPTION	2017-18 ORIGINAL BUDGET	YTD BALANCE 11/30/2017	AVAILABLE BALANCE	% BUDGET USED	ACTIVITY FOR MONTH 11/30/2017
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GL NUMBER	DESCRIPTION	2017-18 ORIGINAL BUDGET	YTD BALANCE 11/30/2017	AVAILABLE BALANCE	* BDC USED	ACTIVITY FOR MONTH 11/30/2017
<b>Fund 509 - LIGHTHOUSE GIFT SHOP</b>						
<b>Revenues</b>						
Dept 000						
509-000-664.000	Interest & Dividends	200.00	28.42	171.58	14.21	0.00
509-000-667.300	Gift Shop Sales	66,000.00	70,575.12	(4,575.12)	106.93	1,076.18
509-000-667.400	Lighthouse Sales Tax	4,000.00	4,336.62	(336.62)	108.42	64.57
509-000-675.000	Donations	0.00	44.82	(44.82)	100.00	0.00
Total Dept 000		70,200.00	74,984.98	(4,784.98)	106.82	1,140.75
<b>TOTAL REVENUES</b>						
		70,200.00	74,984.98	(4,784.98)	106.82	1,140.75
<b>Expenditures</b>						
Dept 000						
509-000-707.000	Temporary Employees	0.00	215.00	(215.00)	100.00	215.00
509-000-708.000	Gift Shop Manager	16,000.00	14,028.73	1,971.27	87.68	1,282.06
509-000-710.000	Towmpak/Work Comp	1,200.00	0.00	1,200.00	0.00	0.00
509-000-715.000	Employer Social Security	1,300.00	1,089.67	210.33	83.82	114.54
509-000-716.TAX	IHGS sr pd to MI	4,000.00	4,172.61	(172.61)	104.32	379.31
509-000-716.PDI	Sales Tax Discount	0.00	(6.00)	6.00	100.00	0.00
509-000-724.000	POSTAGE	0.00	36.10	(36.10)	100.00	36.10
509-000-727.000	Supplies	500.00	1,759.71	(1,259.71)	351.94	0.00
509-000-806.000	Merchandise For Lighthouse Gift Shop	33,000.00	40,519.09	(7,519.09)	122.79	(8.14)
509-000-806.CCF	Banking Supplies	0.00	241.08	(241.08)	100.00	0.00
509-000-807.000	Credit Card Fees	2,000.00	1,525.93	474.07	76.30	30.07
509-000-900.000	Audit Fees	600.00	587.34	12.66	97.89	587.34
509-000-901.000	Printing & Publishing	600.00	249.00	351.00	41.50	0.00
509-000-956.100	Cash Short	100.00	116.30	(16.30)	116.30	0.00
	Contingency/Miscellaneous	1,000.00	0.00	1,000.00	0.00	0.00
Total Dept 000		60,300.00	64,534.56	(4,234.56)	107.02	2,636.28
<b>TOTAL EXPENDITURES</b>						
		60,300.00	64,534.56	(4,234.56)	107.02	2,636.28
<b>Fund 509 - LIGHTHOUSE GIFT SHOP:</b>						
<b>TOTAL REVENUES</b>						
		70,200.00	74,984.98	(4,784.98)	106.82	1,140.75
<b>TOTAL EXPENDITURES</b>						
		60,300.00	64,534.56	(4,234.56)	107.02	2,636.28
<b>NET OF REVENUES &amp; EXPENDITURES</b>						
		9,900.00	10,450.42	(550.42)	105.56	(1,495.53)
<b>TOTAL REVENUES - ALL FUNDS</b>						
		622,150.00	288,661.53	333,488.47	46.40	2,919.75
<b>TOTAL EXPENDITURES - ALL FUNDS</b>						
		613,224.00	498,814.64	114,409.36	81.34	12,279.84
<b>NET OF REVENUES &amp; EXPENDITURES</b>						
		8,926.00	(210,153.11)	219,079.11	2,354.39	(9,360.09)

## Insights from the meeting of the Bowers Harbor Park subcommittee on Tennis and Pickleball and further research:

1. The Expansion Plan for Bowers Harbor Park was put together based on public input by area residents on August 18, 2016. A review of this input showed:
  - a. **44%** of respondents feel that the **tennis courts should definitely remain**. For this reason, tennis courts were considered an element to maintain at the park. 52% were neutral. **4% said tennis courts are not desirable at all.**
  - b. **26%** of respondents feel that **pickle ball courts should remain**. 52% were neutral. **22% said pickleball courts are not desired at all.** For this reason, adding pickleball courts was not a part of the Phase I Improvements for the park.
  - c. The current plan by the township is to maintain the tennis courts with a request that the pickle ball striping be maintained. Maintaining pickleball striping would be one pickleball court within each tennis court.
  - d. NOTE: the condition of the tennis courts in early spring of 2017 would have required appropriate patching of some cracks (with actual tennis court patching material that is commercially available) and professional power washing. This may have been a continued process for a couple of years until a full resurfacing could have been put into the budget. Unfortunately, the power washing was NOT done professionally or adequately. The cracks were filled with a black material that was spread over the surface of the court and on the tennis lines. Park commissioners later restored most of the tennis lines that were covered by the tar. Finally, pickleball lines for 6 courts were striped asymmetrically over both tennis courts. (See USAPA temporary court set up) What once may have been power washing and crack repair, has become a full court restoration with extra cost to remove black substance from the cracks and the court surface. Please consider that what could have been an \$800-900 budget item, has now become a \$15,000 or more item to resurface and make the tennis courts playable for 2018.

**From the inception of striping the tennis courts with additional pickleball lines, there were two significant breakdowns based on reviewing the Minutes and the Master Plan:**

**-Request for the striping of the tennis courts with pickleball lines was made and approved at the June 7, 2017 Regular Meeting of the Peninsula Township Park Commission. The minutes show that the request was not a regular approved Agenda Item, therefore the discussion did not involve members of the township, who may have opinions other than the presenter, nor was the Master Plan referenced. There was one tennis player (Lisa Schmidt) in the room, who attended for another reason and was unprepared to comment or foresee the scope of the proposal. Certainly the board did not foresee the consequences either.**

**-When allowing the striping of 6 additional courts, there was no study into standard placement of lines, color of lines, number of lines and locations on active or inactive tennis courts.**

## Current Concerns and Questions:

1. The courts have been striped with pickleball lines for **6 courts**. These courts require **portable nets that are currently privately owned**. These 6 pickleball courts are not available to the public or residents who are not members of the newly formed Bowers Harbor Pickleball Club. The request by the Bowers Harbor Pickleball Club is for the courts to be striped for 8 pickleball courts. This request further **privatizes** the use of the courts for the Club and completely eliminates it for the general public.
2. The position of the six courts currently does not allow for tennis play at all if there are more than 8 people playing pickleball as there are two pickleball courts that overlap both tennis courts. This is a serious design flaw if the notion of striping more than two pickle ball courts per tennis courts is taken into consideration.
3. The Bowers Harbor Pickleball Club has staked claim to the courts on **Monday and Wednesday evenings from 5pm to dusk**. This is clearly stated on their Facebook page, on the USAPA find a court website, and at one time there was a posting of these hours at the courts. Using this time slot is not an issue, however, it does **violate the first come, first serve policy of the Park**. Ignoring this sets a difficult precedent for the future use of the courts. The current policy can easily be adhered to by the pickleball players if they simply do as tennis players have and arrange time with other players throughout the day or evening. If the courts are not available, then you wait or go elsewhere. Pickleball is often played with a rotation system. This can work as well under the current system if they plan to use a court for one hour, keep playing if no one is waiting or relinquish the court if others have come to use it.

References: Facebook: <https://www.facebook.com/profile.php?id=900734496732782>

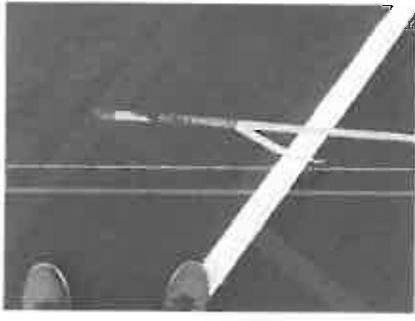
<https://www.usapa.org/places-to-play-pickleball>

<p><u>Bowers Harbor Park</u>          Lat: 44.892986          Lng: -85.519091</p>	<p>Traverse City  <u>Map</u>          2750 Bowers Harbor Road,          49686</p>	<p>MI          Outdoor: 6          Player Est: 100          Public</p>	<p><b>Contact:</b> Gary Phone: 231-676-9681 <b>Schedule:</b> Mon &amp; Wed 5:00 PM until dark <b>Fee:</b> donations <b>Send</b>  <b>Email Website Comment:</b> Bowers Harbor Pickleball Club has exclusive access to the pickleball courts on the tennis courts during above times. We provide portable nets, balls and paddles for use, Beginner Lessons to 4.5 USAPA Advanced Play, Challenge Court, Ladder League, Pot Luck Tournaments and Cook Outs. Free Lessons and USAPA Tournament Level Training Skills upon request. All the latest Engage Pro Paddle Demos to try. See our facebook page. <b>Updated:</b> 2017-07-28 by Gary Cipriani</p>
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4. Note that donations are accepted as “Fee” for use of the courts?
5. The Grand Traverse County Parks and Receptions rules clearly state that “To peddle or systematically solicit business of any nature; distribute or post any handbills or other advertising matter or post signs without the permission of the Director” is prohibited. Although the Peninsula Township Parks do not fall under the jurisdiction of the GTC parks, **the notion that use of the parks for commercial interests is prohibited**. Based on the business cards (Note: the address of the Bowers Harbor Pickleball Club is the Bowers Harbor Park) that were distributed to the subcommittee, the literature published on Facebook, **the sale of goods through Engage Pickleball**, and **lessons** that are advertised by an IPTPA Certified Professional Trainer, leads one to believe that there is an enterprise either currently in play or planned for the future. Note that this was an issue with the YMCA which was in part the cause of Mr. Cipriani’s expulsion from the YMCA. (Gary Ford may have more information on this topic.)



6. The GTCPR rules also state that “to paint, mark...on... any structure or property without the permission of the Director” is prohibited. As of the subcommittee meeting on October 10, 2017, there were taped lines for “training” added to one of the approved pickleball courts. On October 13, 2017 the tape was still on the courts and removal of the tape leaves residue. When tennis lessons or clinics have been held at the courts, instructors use training props that do not in any way damage or alter the court surface. Although there may not be a Peninsula Township rule regarding this, it is clear that given the current situation that specific guidelines need to be considered if pickleball and pickleball lessons are to take place at the Bowers Harbor Courts. Any temporary markings need to be just that and removed when play is over.



## Locally available Tennis, Pickleball and Mixed Use courts

### ~60 Dedicated tennis courts in the area:

10 Courts TC Central

10 Courts TC West

8 Courts Seas

6 Courts TC Christian

8 Courts East Middle

8 Courts West Middle

6 Courts YMCA

4 Courts GT Resort

### ~18 Dedicated Pickleball courts in the area:

15 Courts YMCA

3 Courts Grace MacDonald

### ~16 Mixed use courts—one pickleball court striped within one tennis court:

3-5 Courts Senior Center—they have portable nets for tournaments

2 Courts Country Club—Private

4 Courts Vets Park

2 Grace MacDonald

1 Court GT Resort

2 Courts Bowers Park—6 nets with Bowers Harbor Pickleball Club

Statewide statistics taken from the USAPA website shows the following number of pickleball courts in various cities: Midland=11, Bay City=7, Grand Rapids=29, Grand Haven=11, Holland=13, Kalamazoo=9.

Traverse City = 33 currently, with the possibility of additional dedicated courts at Vets Park (6 courts), the Civic Center (4-8 courts), and the YMCA (8 courts).

**Conclusion:** Given the number of courts already existing in Traverse City and the plans for additional courts, thought needs to be put into the need for and the number of courts that should be constructed and their location at Bowers Harbor Park.

## Tennis and Pickleball stats nationally and in our area:

### Tennis:

**17.9 million tennis players nationally**

9.91 are core players playing 10+ times per year

12 million Americans consider themselves tennis players but do not currently play

14 million say they would like to play

**Growth rate is about 1% per year**—adding 179,000 players per year

6-12 year olds up 4% to 2.14 million

13-17 year olds up 9% to 2.23 million

68,757 are competitive players and members of the USTA in the Midwest section (IN, IL, MI, OH, WI)

810 are competitive players in Northern Michigan

The Grand Traverse resort estimates 200+ adult tennis members and approximately 60 juniors in their programs.

### Pickleball SFIA data:

**2.5 million players**

1.57 million are casual playing 1-7 times per year

**930,000 were core players playing 8+ times per year**

**Growth rate 1.8% per year** or ~45,000 new players expected

6-17 year olds 18% of Casual players, 0.8% core

13% of Casual and 75% of core players are age 55 or older (88%)

The estimate is 200-250 pickleball players in the Grand Traverse Area

Bowers Harbor Pickleball Club Facebook page shows 38 friends

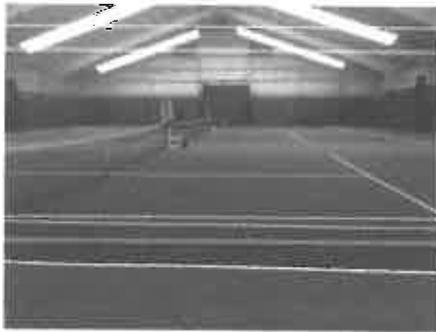
**Conclusions:**

Although pickleball is growing in the US and locally, tennis is also a growing sport. While pickleball is enjoyed most by players over 55 years of age, tennis appeals to players of all ages, with an impressive growth rate. This supports the maintenance of tennis courts as well as an appropriate number of pickleball courts. Industry standard for private and public use is one pickleball court per tennis court.

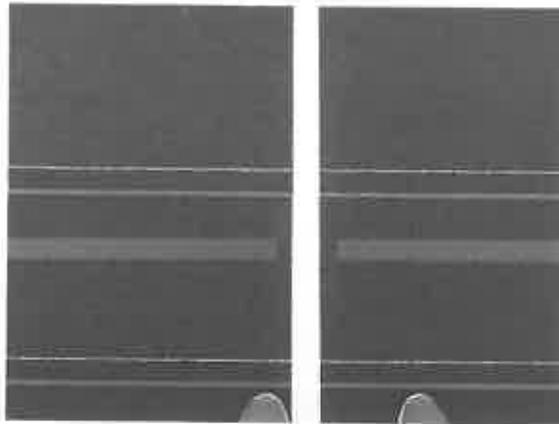
## Recommendations for the restoration of the Bowers Harbor Tennis Courts

As a follow up to the Peninsula Township Park Commission Bowers Harbor Park Sub Committee meeting, October 10, 2017, the following items were discussed and open for further research and recommendations:

1. Resurfacing needs and recommended vender
  - a. To be based on three bids by professional resurfacing companies. (Don is finalizing this).
  - b. The budget request will likely be \$15-20,000.00
2. Court Surfacing Colors:
  - a. Per CipCipriani, pickleball players do not have a preference in court surface colors or line colors. For best visualization of a tennis ball (and I presume a pickleball), a blue interior surface has been shown to have the best contrast with the ball. Many courts use a green surface outside of the actual court, although a different shade of blue can also be acceptable.



3. Lining of the courts for tennis and pickleball:
  - a. Color of lines
    - i. Tennis courts need to be lined in white.
    - ii. Pickleball lines should be a lighter shade of blue than the interior surface of the tennis court with spacing so that the pickleball lines do not intersect the tennis lines.



- b. Number of courts to be lined
  - i. Based on the recommendations and the approved Bowers Harbor Park Expansion Plan, the **TWO** tennis courts should be maintained and **ONE** pickleball court could be lined within each of the tennis courts. This would provide fair public play time for both tennis and pickleball players based on adhering to the current first come, first serve with an hour maximum per court if others are waiting.
4. Maintenance Recommendations
  - a. Considering the success of the tennis courts in the Bluffs the recommendation of \$1000.00 per year to be placed in the budget for professional power washing and crack repair. Their cost was on average \$440.00 per year allowing for saving for the larger resurfacing projects that take place approximately every 10 years.
5. Future court needs recommendations
  - a. A use study should be instituted to assess the need for additional pickleball courts. Two tennis courts have been adequate for the past 20 years that we have been using the park. Occasionally tennis players wait or seek other courts. Once the courts are restored, more accurate data can be gathered.
  - b. Bowers Harbor Park will need to determine if they would need to determine space allocation and funding. Cip Cipraini indicated that the pickleball community could easily raise the funds for dedicated courts, however with the possible addition of courts at Vets Park and the Civic Center, addition of courts at Bowers Harbor may not be necessary.

References:

- [http://www.peninsulatownship.com/uploads/1/0/4/3/10438394/bhp\\_becket\\_raeder\\_-\\_summary\\_report\\_presented\\_06-07-17\\_park\\_commission\\_presentation.pdf](http://www.peninsulatownship.com/uploads/1/0/4/3/10438394/bhp_becket_raeder_-_summary_report_presented_06-07-17_park_commission_presentation.pdf)
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<http://tcpickle.com/lessons>

<https://www.usapa.org/temporary-court-setup>

<https://www.usapa.org/pickleball-fact-sheet>

<http://www.tennisindustry.org/cms/index.cfm/news/tennis-participation-in-the-us-grows-to-179-million-players/>