

CHARTER TOWNSHIP OF  
YPSILANTI BOARD OF TRUSTEES

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*Supervisor*

**BRENDA L. STUMBO**

*Clerk*

**KAREN LOVEJOY ROE**

*Treasurer*

**LARRY J. DOE**

*Trustees*

**STAN ELDRIDGE**

**HEATHER JARRELL ROE**

**MONICA ROSS WILLIAMS**

**JIMMIE WILSON, JR.**

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**JANUARY 15, 2019**

**Work Session – 5:00 p.m.**

**Regular Meeting – 7:00 p.m.**

**Ypsilanti Township Civic Center  
7200 S. Huron River Drive  
Ypsilanti, MI 48197**

# **DEPARTMENTAL REPORTS**

14-B District Court

Revenue Report for December 2018

**General Account**

Account Number	
<b>Due to Washtenaw County</b>	
(101-000-000-214.222)	<b><u>\$2,816.00</u></b>
<b>Due to State Treasurer</b>	
Civil Filing Fee Fund (MCL 600.171):	\$13,713.00
State Court Fund (MCL 600.8371):	\$1,550.00
Justice System Fund (MCL 600.181):	\$14,907.00
Juror Compensation Reimbursement Fund:	
Civil Jury Demand Fee (MCL 600.8371):	\$10.00
Drivers License Clearance Fees (MCL 257.321a):	\$1,650.00
Crime Victims Rights Fund (MCL 780.905):	\$4,814.11
Judgment Fee (Dept. of Natural Resources):	\$0.00
E-File Fee (228.56):	\$4,030.00
<b>Due to Secretary of State</b>	
(101-000-000-206.136)	\$1,650.00
Total:	<b><u>\$42,324.11</u></b>

**Due to Ypsilanti Township**

Court Costs (101-000-000-602.136):	\$35,711.20
Civil Fees (101-000-000-603.136):	\$14,007.00
Probation Fees (101-000-000-604.000):	\$8,041.00
Ordinance Fines (101-000-000-605.001):	\$30,450.00
Bond Forfeitures (101-000-000-605.003):	\$2,285.00
Interest Earned (101-000-000-605.004):	\$0.00
State Aid-Caseflow Assistance (101-000-602.544):	\$0.00
Expense Write-Off:	\$0.00
Bank Charges (Expense - 101.136.000.957.000):	(\$595.39)
Total:	<b><u>\$89,898.81</u></b>

**Total to General Account - (101.000.000.004.136):** **\$135,038.92**

**Escrow Account**

(101-000-000-205.136)

Court Ordered Escrow:	\$6,073.00
Bonds:	\$14,298.00
Restitution:	\$2,353.50

**Total to Escrow Account - (101.000.000.205.136):** **\$22,724.50**



14-B District Court

Monthly Disbursements

December 2018

Revenue received as a Fine for violation of a State Statute is disbursed to the Washtenaw County Treasurer, for library purposes.

Revenue received as a Fine for violation of a Township Ordinance and all Court Costs are disbursed to the Ypsilanti Township Treasurer. Local revenue also includes Probation oversight fees and Bond Forfeitures.

Revenue received as State Filing Fee, State Court Fund, Justice System Fund, Juror Compensation, Crime Victims Rights Fund and Dept. of Natural Resources Judgment Fee is forwarded to the State Treasurer.

Money received as Garnishment Proceeds, Criminal Bonds, Restitution, and Court Ordered Escrow are deposited in the Escrow Account of the Court.

All other revenues are transferred to the Ypsilanti Township Treasurer.

**December 2018 Disbursements:**

Washtenaw County:	\$ 2,816.00
State of Michigan:	\$ 42,324.11
Ypsilanti Township Treasurer:	\$ 89,898.81

TOTAL: \$135,038.92

*Supervisor*  
**BRENDA L. STUMBO**  
*Clerk*  
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*Trustees*  
**STAN ELDRIDGE**  
**HEATHER ROE**  
**MONICA ROSS-WILLIAMS**  
**JIMMIE WILSON, JR.**



**Charter Township of Ypsilanti  
Hydro Station**

**7200 S. Huron River Drive  
Ypsilanti, MI 48197  
Phone: (734) 544.3690  
Fax: (734) 544.3626**

[www.ytown.org](http://www.ytown.org)

**Date:** January 3, 2019  
**To:** Clerk's Office  
**CC:** Brenda Stumbo, Supervisor  
**From:** Michael Saranen, Hydro Operation Manager  
  
**Subject:** Departmental Report (activities in December 2018)

## Activities:

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### Ford Lake Dam

#### General Operation Summary:

The Hydro Station continues to operate safely and continues to get routine safety inspections and preventive maintenance. Operators had 0 after hour call-ins for December.

Average precipitation for the months of December is around 2.4", this year it was about 2.12" and production for the month little above average.

#### Regulatory:

##### **For 2018-**

- update DSSMP (2019, waiting on Spillway Assessment)
- A DSSMR- (complete)
- Owners Dam Safety Program Review (complete)
- EAP Training (completed)
- Part 12- recommendation plan (2019, waiting on Spillway Assessment)
- WQ Report (complete)
- Nuisance Plant Plan Report (complete)
- Wildlife Plan Report (complete)
- Historical Activity Report (complete)
- Gate Certification (complete)
- Security Review (complete)
- FERC Annual Safety inspection (completed – no new actions)
- EAP annual update and test (complete)
- Spillway Assessment ( Barr Engineering assisting)
- Annual DEQ lake Operation Monitoring Report (complete)

##### **For 2019-**

- EAP Table & Functional Exercise

**Projects:**

***Concrete Maintenance (On Hold until 2019)***

Repair small areas concrete damaged from exposure to ice and road salt. Repair exterior stairs and hand railing.

***River Coordination***

Van Buren Twp. and French Landing Dam are considering lowering Belleville Lake in the fall of 2019. It will be important to look at the possible effects to the Hydro Station and the operations if Belleville Lake is to be lowered. No new info.

***Operation Summary***

<b>2018</b>	<b>December</b>	<b>YTD</b>	<b>5 yr. Ave.</b>
Precipitation <sup>1</sup>	2.1"	34.6"	31.47"
Days Online	31	364.2	353.3
Gross generation MWH (estimated)	1,014.954	10,635.036	9,201.715
Generation lost MWH (estimated)*	0	552.870	403.286
After Hour Call In			
Water levels	0	30	35
Mechanical/Electrical	0	3	4
Other	0	0	4
Totals	0	33	43

<b>Recent History</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Precipitation total	40.87"	34.31"	25.27"	29.61"	27.30"
Days Online	345	355	345	359.5	362
Generation MWH (estimated)	8,991.285	9,745.999	7,723.040	8,803.436	10,744.816
Generation lost MWH (estimated)*	454.824*	643.164*	419.050*	229.798*	269.595*
After Hour Call In					
Water levels	44	43	32	31	26
Mechanical/Electrical	1	7	1	4	5
Other	0	15	1	2	3
Totals	45	67	34	37	34

<sup>1</sup>Totals from Weather Underground – Ypsilanti Willow Run

\*losses related to scheduled & unscheduled maintenance and water quality discharges.

### Spilling Summary:

Releasing water from the sluice gates is primary to maintain lake level when flow exceeds the powerhouse. At certain times, we can use the gates to help keep the lake mixing to maintain oxygen levels (effectiveness depends on a number of factors) at the bottom of the lake.

The water quality monitoring begins on June 1<sup>st</sup> and will end on September 30<sup>th</sup>; operators monitor the water quality conditions and take readings as outline in the WQ Plan. The hydro discharges from the bottom gates to maintain run of river and/or help with water quality in Ford Lake. The Federal License requires we pass water with a minimum of 5mg/l of dissolved oxygen all the time. Therefore, spilling from the bottom gates in the summer for improving the lake is not always possible.

### Sluice Gate Usage Summary:

Current Year 2018	Current Year Days Spilled	Current Year Lost KWh*	Current Year Lost \$*	Prior Year Lost \$*
January	1.2	0	0	0
February	8.8	0	0	0
March	17.5	0	0	0
April	13.1	0	0	0
May	27.3	0	0	0
June	12.1	121,630	6,466	8,129
July	6.3	60,000	3,461	862
August	1.7	0	0	0
September	5.4	0	0	0
October	13.9	0	0	0
November	.5	0	0	0
December	0	0	0	0
Totals	107.8	181,630	\$ 9,927	\$ 8,991

\*estimated losses from diverting water away from generators for the purpose improving WQ.

## Sargent Charles Dam

This dam continues to get routine safety inspections and appropriate maintenance.

The Sargent Charles Dam is due for the 5 year inspection in 2018. The State has perform inspection and no immediate repairs are needed. A formal report was received, the report list items to continue doing and new items to address. The department is working on addressing those items.





# WASHTENAW COUNTY OFFICE OF THE SHERIFF



JERRY L. CLAYTON  
SHERIFF

2201 Hogback Road ♦ Ann Arbor, Michigan 48105-9732 ♦ OFFICE (734) 971-8400 ♦ FAX (734) 973-4624 ♦ EMAIL [sheriffinfo@ewashtenaw.org](mailto:sheriffinfo@ewashtenaw.org)

MARK A. PTASZEK  
UNDERSHERIFF

**To:** Brenda Stumbo, Ypsilanti Township Supervisor  
**From:** Mike Marocco, Police Services Lieutenant  
**Cc:** Mike Radzik, Ypsilanti Township Police Administrator & Ypsilanti Township Board  
Lisa King, WCSO Police Services Commander  
**Date:** January 9, 2019  
**Re:** December 2018 Police Services Monthly Report

## SUMMARY:

- In December of 2018, there were 3013 calls for service in Ypsilanti Township. A 7.1% decrease in calls for service as compared to November of 2017.
- Year to date, calls for service are down by 6.48% as compared to last year.

## OPERATIONS

During December of 2018, Patrol Operations responded to calls for service, conducted traffic enforcement and community engagement duties in pursuit of our total policy philosophy.

From a year to date perspective, comparing 2018 to the same period in 2017, we have several positive comparisons:

Robberies are down 39%  
Motor Vehicle Theft is down 26%  
Larcenies (all categories) are down 18%  
Home Invasion / Burglaries are down 1%

That same period showed that Identity theft (Fraud) increased by 10%. The geography, expertise and time necessary to investigate this type of crime places significant pressure on resources.

***Larceny from Auto crimes continue to plague our neighborhoods with 303 reported during 2018. Less than 5% of the people victimized had locked their vehicle overnight. These are crimes of opportunity where the perpetrator simply tries the vehicle door handle to see if it is unlocked and then steals whatever is inside when it is found to be unlocked. We have had multiple instances of loaded firearms being stolen from these unlocked vehicle.***

***To deter this crime, patrol staff are conducting additional neighborhood checks during the overnight hours based on crime data analysis. The random nature of this crime makes it challenging to predict future occurrence.***

***A locked vehicle is the best deterrent.***

## YOUTH INITIATIVE

The Sheriff's Office continues to partner with courts, probation and social services to ensure that there is accountability beyond Sheriff's Office contact with the offenders that are consistently involved in crimes. In addition, the Calls for Service directly related to Juvenile disorder indicate that WCSO efforts

in this arena are having significant effect. From a year to date perspective, comparing 2018 to the same period in 2017, we have several positive comparisons:

Juvenile Runaways are down 28%

Juvenile Offenses and Complaints are down 46%

## **COMMUNITY ACTION TEAM**

The purpose of the CAT team is to respond to situations involving or with a nexus of drugs, guns or violence. To date the team has made 107 arrests (20% new charges, 49% warrants, and 31% detainers). A focus for the team is the timely assessment and response to tips they receive from our community and are able to validate. So far this year they have assessed 118 community tips.

CAT collaboration with the Michigan Department of Correction in reference to parole compliance contributes to effective monitoring and management of parolees who live in our community. Timely and efficient response to tips regarding parolee misconduct combined with regular unannounced home visits are expected by the parolees that reside in Ypsilanti Township and surrounding areas.

## **NEW FACES**

The Sheriff's Office is hiring! During December, we have brought three new Deputy Sheriff's onboard. We continue to hire highly qualified, motivated and diverse people that are committed to pursuing our mission: Creating public safety, providing quality service and building strong, sustainable communities.

If you are interested in joining us in serving your community in Police Services, Corrections, Communications, Emergency Services or Community Corrections please check us out at

<https://www.washtenaw.org/1124/Sheriff>

We have rewarding career opportunities available for those seeking a profession with a greater purpose.

# CLR-008 Monthly Summary Of Offenses (WD)

City:Ypsilanti Twp-YPT

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<b>Month:</b>	December
<b>Year:</b>	2018
<b>Print Option:</b>	Print Both Monthly and YTD
<b>Include Unfounded:</b>	No
<b>Report Offenses:</b>	Include All (1,2,3,4)
<b>Attempted/Completed/NA:</b>	Includes Attempted, Completed
<b>City:</b>	Ypsilanti Twp-YPT

# CLR-008 Monthly Summary Of Offenses (WD)

## City:Ypsilanti Twp-YPT

For The Month Of December

Classification	Dec/2017	Dec/2018	%Change
09001 MURDER/NONNEGLIGENT MANSLAUGHTER (VOLUNTARY)	1	0	-100%
10001 KIDNAPPING/ABDUCTION	0	0	0%
10002 PARENTAL KIDNAPPING	0	0	0%
11001 SEXUAL PENETRATION PENIS/VAGINA -CSC 1ST DEGREE	3	2	-33.3%
11002 SEXUAL PENETRATION PENIS/VAGINA -CSC 3RD DEGREE	2	0	-100%
11003 SEXUAL PENETRATION ORAL/ANAL -CSC 1ST DEGREE	0	0	0%
11004 SEXUAL PENETRATION ORAL/ANAL -CSC 3RD DEGREE	0	0	0%
11005 SEXUAL PENETRATION OBJECT -CSC 1ST DEGREE	0	0	0%
11006 SEXUAL PENETRATION OBJECT -CSC 3RD DEGREE	0	0	0%
11007 SEXUAL CONTACT FORCIBLE -CSC 2ND DEGREE	0	1	0%
11008 SEXUAL CONTACT FORCIBLE -CSC 4TH DEGREE	3	0	-100%
12000 ROBBERY	4	3	-25%
13001 NONAGGRAVATED ASSAULT	37	41	10.81%
13002 AGGRAVATED/FELONIOUS ASSAULT	12	23	91.66%
13003 INTIMIDATION/STALKING	5	6	20%
20000 ARSON	0	1	0%
21000 EXTORTION	0	0	0%
22001 BURGLARY -FORCED ENTRY	8	14	75%
22002 BURGLARY -ENTRY WITHOUT FORCE (Intent to Commit)	1	4	300%
23001 LARCENY -POCKETPICKING	0	0	0%
23002 LARCENY -PURSESNAATCHING	0	0	0%
23003 LARCENY -THEFT FROM BUILDING	16	13	-18.7%
23004 LARCENY -THEFT FROM COIN-OPERATED MACHINE/DEVICE	0	0	0%
23005 LARCENY -THEFT FROM MOTOR VEHICLE	27	7	-74.0%
23006 LARCENY -THEFT OF MOTOR VEHICLE PARTS/ACCESSORIES	1	2	100%
23007 LARCENY -OTHER	9	13	44.44%
24001 MOTOR VEHICLE THEFT	8	9	12.5%
24002 MOTOR VEHICLE, AS STOLEN PROPERTY	1	0	-100%
24003 MOTOR VEHICLE FRAUD	0	0	0%
25000 FORGERY/COUNTERFEITING	2	1	-50%
26001 FRAUD -FALSE PRETENSE/SWINDLE/CONFIDENCE GAME	12	5	-58.3%
26002 FRAUD -CREDIT CARD/AUTOMATIC TELLER MACHINE	12	8	-33.3%
26005 FRAUD -WIRE FRAUD	0	0	0%
26007 FRAUD - IDENTITY THEFT	16	8	-50%
26008 FRAUD - HACKING/COMPUTER INVASION	0	0	0%
27000 EMBEZZLEMENT	3	5	66.66%
28000 STOLEN PROPERTY	1	1	0%
29000 DAMAGE TO PROPERTY	18	21	16.66%
30001 RETAIL FRAUD -MISREPRESENTATION	2	1	-50%
30002 RETAIL FRAUD -THEFT	13	22	69.23%
30003 RETAIL FRAUD -REFUND/EXCHANGE	1	1	0%
35001 VIOLATION OF CONTROLLED SUBSTANCE ACT	14	3	-78.5%
35002 NARCOTIC EQUIPMENT VIOLATIONS	8	2	-75%

# CLR-008 Monthly Summary Of Offenses (WD)

## City:Ypsilanti Twp-YPT

For The Month Of December

Classification	Dec/2017	Dec/2018	%Change
36002 SEXUAL PENETRATION NONFORCIBLE -OTHER	0	0	0%
37000 OBSCENITY	0	1	0%
40001 COMMERCIALIZED SEX -PROSTITUTION	0	0	0%
40002 COMMERCIALIZED SEX -ASSISTING/PROMOTING PROSTITUTION	0	0	0%
52001 WEAPONS OFFENSE- CONCEALED	0	3	0%
52002 WEAPONS OFFENSE -EXPLOSIVES	0	0	0%
52003 WEAPONS OFFENSE -OTHER	0	3	0%
72000 ANIMAL CRUELTY	2	0	-100%
<b>Group A Totals</b>	<b>242</b>	<b>224</b>	<b>-7.43%</b>
22003 BURGLARY - UNLAWFUL ENTRY (NO INTENT)	0	1	0%
26006 FRAUD -BAD CHECKS	6	1	-83.3%
36004 SEX OFFENSE -OTHER	0	0	0%
38001 FAMILY -ABUSE/NEGLECT NONVIOLENT	2	4	100%
38002 FAMILY -NONSUPPORT	1	0	-100%
38003 FAMILY -OTHER	0	0	0%
41002 LIQUOR VIOLATIONS -OTHER	2	2	0%
48000 OBSTRUCTING POLICE	11	4	-63.6%
49000 ESCAPE/FLIGHT	0	0	0%
50000 OBSTRUCTING JUSTICE	8	16	100%
53001 DISORDERLY CONDUCT	0	0	0%
53002 PUBLIC PEACE -OTHER	0	0	0%
54001 HIT and RUN MOTOR VEHICLE ACCIDENT	1	6	500%
54002 OPERATING UNDER THE INFLUENCE OF LIQUOR OR DRUGS	19	18	-5.26%
55000 HEALTH AND SAFETY	3	2	-33.3%
57001 TRESPASS	6	1	-83.3%
57002 INVASION OF PRIVACY -OTHER	0	0	0%
58000 SMUGGLING	0	0	0%
59000 ELECTION LAWS	0	0	0%
62000 CONSERVATION	0	0	0%
63000 VAGRANCY	0	0	0%
70000 JUVENILE RUNAWAY	7	3	-57.1%
73000 MISCELLANEOUS CRIMINAL OFFENSE	2	2	0%
77000 CONSPIRACY (ALL CRIMES)	0	0	0%
<b>Group B Totals</b>	<b>68</b>	<b>60</b>	<b>-11.7%</b>
2800 JUVENILE OFFENSES AND COMPLAINTS	11	10	-9.09%
2900 TRAFFIC OFFENSES	23	13	-43.4%
3000 WARRANTS	54	24	-55.5%
3100 TRAFFIC CRASHES	199	82	-58.7%
3200 SICK / INJURY COMPLAINT	146	126	-13.6%
3300 MISCELLANEOUS COMPLAINTS	592	548	-7.43%
3400 WATERCRAFT COMPLAINTS / ACCIDENTS	2	1	-50%
3500 NON-CRIMINAL COMPLAINTS	814	636	-21.8%
3700 MISCELLANEOUS TRAFFIC COMPLAINTS	677	917	35.45%

# CLR-008 Monthly Summary Of Offenses (WD)

## City:Ypsilanti Twp-YPT

For The Month Of December

Classification	Dec/2017	Dec/2018	%Change
3800 ANIMAL COMPLAINTS	48	42	-12.5%
3900 ALARMS	187	163	-12.8%
NON-CRIMINAL COMPLAINTS	1	0	-100%
<b>Group C Totals</b>	<b>2754</b>	<b>2562</b>	<b>-6.97%</b>
4000 HAZARDOUS TRAFFIC CITATIONS / WARNINGS	2	1	-50%
4100 NON-HAZARDOUS TRAFFIC CITATIONS / WARNINGS	0	0	0%
4200 PARKING CITATIONS	0	2	0%
4300 LICENSE / TITLE / REGISTRATION CITATIONS	2	1	-50%
4500 MISCELLANEOUS A THROUGH UUUU	3	0	-100%
MISCELLANEOUS A THROUGH UUUU	0	8	0%
<b>Group D Totals</b>	<b>7</b>	<b>12</b>	<b>71.42%</b>
5000 FIRE CLASSIFICATIONS	0	0	0%
5100 18A STATE CODE FIRE CLASSIFICATIONS	0	0	0%
<b>Group E Totals</b>	<b>0</b>	<b>0</b>	<b>0%</b>
6000 MISCELLANEOUS ACTIVITIES (6000)	38	39	2.631%
6100 MISCELLANEOUS ACTIVITIES (6100)	103	90	-12.6%
6300 CANINE ACTIVITIES	4	7	75%
6500 CRIME PREVENTION ACTIVITIES	18	7	-61.1%
6600 COURT / WARRANT ACTIVITIES	0	0	0%
6700 INVESTIGATIVE ACTIVITIES	10	12	20%
<b>Group F Totals</b>	<b>173</b>	<b>155</b>	<b>-10.4%</b>
<b>City : Ypsilanti Twp Totals</b>	<b>3244</b>	<b>3013</b>	<b>-7.12%</b>

# CLR-008 Monthly Summary Of Offenses (WD)

## City:Ypsilanti Twp-YPT

Year To Date Through December

Classification	2017	2018	%Change
<b>Group F Totals</b>	<b>0</b>	<b>0</b>	<b>0%</b>
09001 MURDER/NONNEGLIGENT MANSLAUGHTER (VOLUNTARY)	5	2	-60%
10001 KIDNAPPING/ABDUCTION	6	5	-16.6%
10002 PARENTAL KIDNAPPING	1	2	100%
11001 SEXUAL PENETRATION PENIS/VAGINA -CSC 1ST DEGREE	37	28	-24.3%
11002 SEXUAL PENETRATION PENIS/VAGINA -CSC 3RD DEGREE	10	4	-60%
11003 SEXUAL PENETRATION ORAL/ANAL -CSC 1ST DEGREE	7	4	-42.8%
11004 SEXUAL PENETRATION ORAL/ANAL -CSC 3RD DEGREE	2	1	-50%
11005 SEXUAL PENETRATION OBJECT -CSC 1ST DEGREE	1	2	100%
11006 SEXUAL PENETRATION OBJECT -CSC 3RD DEGREE	0	2	0%
11007 SEXUAL CONTACT FORCIBLE -CSC 2ND DEGREE	9	12	33.33%
11008 SEXUAL CONTACT FORCIBLE -CSC 4TH DEGREE	23	12	-47.8%
12000 ROBBERY	64	39	-39.0%
13001 NONAGGRAVATED ASSAULT	526	474	-9.88%
13002 AGGRAVATED/FELONIOUS ASSAULT	261	259	-0.76%
13003 INTIMIDATION/STALKING	61	61	0%
20000 ARSON	10	9	-10%
21000 EXTORTION	2	2	0%
22001 BURGLARY -FORCED ENTRY	147	142	-3.40%
22002 BURGLARY -ENTRY WITHOUT FORCE (Intent to Commit)	33	36	9.090%
23001 LARCENY -POCKETPICKING	2	0	-100%
23002 LARCENY -PURSESNAATCHING	1	1	0%
23003 LARCENY -THEFT FROM BUILDING	203	126	-37.9%
23004 LARCENY -THEFT FROM COIN-OPERATED MACHINE/DEVICE	0	1	0%
23005 LARCENY -THEFT FROM MOTOR VEHICLE	286	285	-0.34%
23006 LARCENY -THEFT OF MOTOR VEHICLE PARTS/ACCESSORIES	41	18	-56.0%
23007 LARCENY -OTHER	90	78	-13.3%
24001 MOTOR VEHICLE THEFT	137	104	-24.0%
24002 MOTOR VEHICLE, AS STOLEN PROPERTY	18	10	-44.4%
24003 MOTOR VEHICLE FRAUD	3	0	-100%
25000 FORGERY/COUNTERFEITING	22	27	22.72%
26001 FRAUD -FALSE PRETENSE/SWINDLE/CONFIDENCE GAME	91	96	5.494%
26002 FRAUD -CREDIT CARD/AUTOMATIC TELLER MACHINE	110	89	-19.0%
26005 FRAUD -WIRE FRAUD	7	10	42.85%
26007 FRAUD - IDENTITY THEFT	116	118	1.724%
26008 FRAUD - HACKING/COMPUTER INVASION	1	0	-100%
27000 EMBEZZLEMENT	13	21	61.53%
28000 STOLEN PROPERTY	16	21	31.25%
29000 DAMAGE TO PROPERTY	365	276	-24.3%
30001 RETAIL FRAUD -MISREPRESENTATION	9	11	22.22%
30002 RETAIL FRAUD -THEFT	113	144	27.43%
30003 RETAIL FRAUD -REFUND/EXCHANGE	2	2	0%
35001 VIOLATION OF CONTROLLED SUBSTANCE ACT	179	120	-32.9%

# CLR-008 Monthly Summary Of Offenses (WD)

## City:Ypsilanti Twp-YPT

Year To Date Through December

Classification	2017	2018	%Change
35002 NARCOTIC EQUIPMENT VIOLATIONS	97	50	-48.4%
36002 SEXUAL PENETRATION NONFORCIBLE -OTHER	0	1	0%
37000 OBSCENITY	3	4	33.33%
40001 COMMERCIALIZED SEX -PROSTITUTION	1	0	-100%
40002 COMMERCIALIZED SEX -ASSISTING/PROMOTING PROSTITUTION	1	1	0%
52001 WEAPONS OFFENSE- CONCEALED	36	39	8.333%
52002 WEAPONS OFFENSE -EXPLOSIVES	1	0	-100%
52003 WEAPONS OFFENSE -OTHER	18	12	-33.3%
72000 ANIMAL CRUELTY	2	10	400%
<b>Group A Totals</b>	<b>3189</b>	<b>2771</b>	<b>-13.1%</b>
22003 BURGLARY - UNLAWFUL ENTRY (NO INTENT)	9	7	-22.2%
26006 FRAUD -BAD CHECKS	24	14	-41.6%
36004 SEX OFFENSE -OTHER	1	3	200%
38001 FAMILY -ABUSE/NEGLECT NONVIOLENT	45	42	-6.66%
38002 FAMILY -NONSUPPORT	2	0	-100%
38003 FAMILY -OTHER	3	2	-33.3%
41002 LIQUOR VIOLATIONS -OTHER	24	33	37.5%
48000 OBSTRUCTING POLICE	114	91	-20.1%
49000 ESCAPE/FLIGHT	6	2	-66.6%
50000 OBSTRUCTING JUSTICE	139	158	13.66%
53001 DISORDERLY CONDUCT	33	23	-30.3%
53002 PUBLIC PEACE -OTHER	6	3	-50%
54001 HIT and RUN MOTOR VEHICLE ACCIDENT	49	49	0%
54002 OPERATING UNDER THE INFLUENCE OF LIQUOR OR DRUGS	260	212	-18.4%
55000 HEALTH AND SAFETY	31	24	-22.5%
57001 TRESPASS	15	29	93.33%
57002 INVASION OF PRIVACY -OTHER	1	1	0%
58000 SMUGGLING	0	1	0%
59000 ELECTION LAWS	1	0	-100%
62000 CONSERVATION	1	0	-100%
63000 VAGRANCY	8	1	-87.5%
70000 JUVENILE RUNAWAY	95	68	-28.4%
73000 MISCELLANEOUS CRIMINAL OFFENSE	19	30	57.89%
77000 CONSPIRACY (ALL CRIMES)	2	0	-100%
<b>Group B Totals</b>	<b>888</b>	<b>793</b>	<b>-10.6%</b>
2800 JUVENILE OFFENSES AND COMPLAINTS	553	299	-45.9%
2900 TRAFFIC OFFENSES	356	255	-28.3%
3000 WARRANTS	677	520	-23.1%
3100 TRAFFIC CRASHES	1406	1320	-6.11%
3200 SICK / INJURY COMPLAINT	1631	1656	1.532%
3300 MISCELLANEOUS COMPLAINTS	8136	8409	3.355%
3400 WATERCRAFT COMPLAINTS / ACCIDENTS	15	8	-46.6%
3500 NON-CRIMINAL COMPLAINTS	12122	9537	-21.3%



# CLR-008 Monthly Summary Of Offenses (WD)

## City:Ypsilanti Twp-YPT

Year To Date Through December

Classification	2017	2018	%Change
3700 MISCELLANEOUS TRAFFIC COMPLAINTS	10303	10786	4.687%
3800 ANIMAL COMPLAINTS	825	804	-2.54%
3900 ALARMS	2107	2039	-3.22%
NON-CRIMINAL COMPLAINTS	9	6	-33.3%
<b>Group C Totals</b>	<b>38140</b>	<b>35639</b>	<b>-6.55%</b>
4000 HAZARDOUS TRAFFIC CITATIONS / WARNINGS	8	157	1862.2%
4100 NON-HAZARDOUS TRAFFIC CITATIONS / WARNINGS	3	3	0%
4200 PARKING CITATIONS	28	43	53.57%
4300 LICENSE / TITLE / REGISTRATION CITATIONS	14	10	-28.5%
4500 MISCELLANEOUS A THROUGH UUUU	40	37	-7.5%
MISCELLANEOUS A THROUGH UUUU	1	62	6100%
<b>Group D Totals</b>	<b>94</b>	<b>312</b>	<b>231.9%</b>
5000 FIRE CLASSIFICATIONS	4	1	-75%
5100 18A STATE CODE FIRE CLASSIFICATIONS	1	2	100%
<b>Group E Totals</b>	<b>5</b>	<b>3</b>	<b>-40%</b>
6000 MISCELLANEOUS ACTIVITIES (6000)	443	537	21.21%
6100 MISCELLANEOUS ACTIVITIES (6100)	1536	1479	-3.71%
6300 CANINE ACTIVITIES	72	71	-1.38%
6500 CRIME PREVENTION ACTIVITIES	295	166	-43.7%
6600 COURT / WARRANT ACTIVITIES	7	4	-42.8%
6700 INVESTIGATIVE ACTIVITIES	123	110	-10.5%
<b>Group F Totals</b>	<b>2476</b>	<b>2367</b>	<b>-4.40%</b>
<b>City : Ypsilanti Twp Totals</b>	<b>44792</b>	<b>41885</b>	<b>-6.48%</b>



(Mid-July – Mid Dec 2018)

## Ypsilanti Township & Habitat for Humanity

### Property Sales

Address: 1324 Wendell

Sale Date: 11/8/2018

Appraised Value/Sales Price: \$122,000

Homebuyer Area Median Income: 30% - 60%



1324 Wendell Before



1324 Wendell After

Address: 1745 Heatherridge (Sugarbrook)

Sale Date: 12/17/2018

Appraised Value/Sales Price: \$123,000

Homebuyer Area Median Income: 30% - 60%



1745 Heatherridge Before



1745 Heatherridge After

Address: 1976 Mary Catherine (West Willow)  
Sale Date: 12/19/2018  
Appraised Value/Sales Price: \$123,000  
Homebuyer Area Median Income: 30% - 60%



1976 Mary Catherine Before



1976 Mary Catherine After

### Community Development Activities

#### West Willow

Concentrate media posted a great story about the New West Willow Neighborhood Association Youth Council

<http://www.secondwavemedia.com/concentrate/features/youthcouncil0468.aspx>

Growing Hope, the New West Willow Neighborhood Association, Washtenaw County Health Department, Habitat, and other partners have teamed up to bring Growing Hope's Mobile Farm Stand to West Willow every Friday through October! We also have an outreach coordinator spreading the word about the Farm Stand's presence to West Willow residents. Together we are making it easier for West Willow residents to have access to fresh fruits and veggies!



On Saturday August 4, the New West Willow Neighborhood Association held their annual picnic at the Community Resource Center. Over 150 residents came out to enjoy food, games, and time together, and we gave out home safety items provided by the Lowe's 2017 grant.



On Saturday August 25, volunteers came out for Thrivent Builds Repairs Day in West Willow. Despite the rain early on, we got a lot of work done at four homes including landscaping, cleaning gutters and installing gutter guards, caulking, painting, and creating new flower beds.







Karen's front yard before



Karen and her mom in the front yard after



Annette's window trim before



Annette's window trim after



Annette's front before



Annette's front after

Activities have been completed in the Building Healthy Communities Grant through Washtenaw County Health Department. Ypsilanti Township Parks & Recreation, New West Willow Neighborhood Association and Habitat partnered up to improved facilities at West Willow Park. The grant provided funding for two new West Willow Park signs with distance noted for the walking path, three new picnic tables, six new trash cans, mulch around the play area, and staining the planters.



On Saturday September 15, 28 volunteers contributed 159.5 hours in the Thrivent Building on Faith Day in West Willow. We completed exterior improvements at one homeowner's home, weeded the playground area and stained planters at West Willow Park, cleaned up and planted mums at the neighborhood entrance sign sites, gave the three neighborhood Little Free Libraries a fresh paint job and a little maintenance, and painted a shed and did general clean-up around the West Willow Community Resource Center. We also had three dumpsters available at New Covenant Missionary Baptist Church where neighborhood residents could dispose of unwanted items. We scheduled pick-ups for residents who were unable to transport their items on their own. 37 truck loads and trailer loads of junk was disposed of, and the dumpsters were full by the end of that one day. We heard from many residents how useful this was and they hoped we could do it again.



Volunteers and Staff before starting work



Stephanie, a Thrivent Financial Rep, plants mums



Painting the shed at the CRC



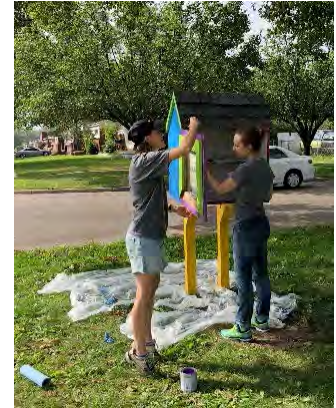
Weeding at West Willow Park



All three dumpsters were full by the end of the day!



Future Habitat Homeowner! Karina planted mums at the entrance sign



Little Free Libraries!

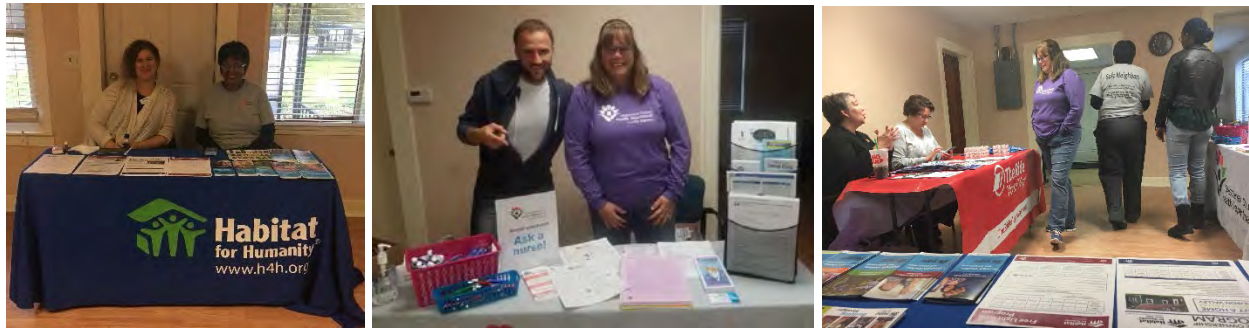
Emily, an undergraduate student in the University Michigan School of Information, has been creating a West Willow community profile and will present her final report after the end of the semester. Her professor would like to offer this project to future classes to complete similar projects for Gault Village and West Willow.

On November 29 we had a small, yet hard-working group rake leaves at three homes. We filled over 80 bags at those three houses!





We helped out with Take Back the Meds Day and Trunk or Treat at the West Willow Community Resource Center on October 27.



The Lowe's 2017 Aging in Place Grant provided tools for the West Willow Tool Lending Library and a small storage shed. The shed is definitely not large enough to house the tools and operate the Tool Lending Library, so we have submitted a National Neighborhood Promise Grant to Republic Services for the construction of a larger structure in which to organize the tools and operate the Tool Lending Library. We are working with residents to develop guidelines for the operation of the Tool Lending Library, and have identified a West Willow resident who is interested in managing the Library.

In addition to the construction of a Tool Lending Library, we have been discussing with NWWNA and Ypsilanti Township the possibility of demolishing the existing Community Resource Center and building one that will better suit the needs of the community. We are exploring a partnership with a University of Michigan organization called [INFORMS at UM](#), which is made up of mostly Ph.D., and master's level students from the Industrial and Operations Engineering Department with support from several faculty members. They are interested in helping with the overall design for the property on which the Community Resource Center sits to find optimal locations for the Tool Lending Library, the community garden, and the potentially re-built community resource center. They would also like to help look at the interior space of the Tool Lending Library to get maximum use for storage, repairs, and an office. We have been paired up with Anna White, a PhD student, who is currently recruiting other students to volunteer on the project.

### Sugarbrook

On July 25 and 26, 22 Lowe's volunteers from the Carpenter Road store worked alongside community members and residents to complete neighborhood beautification projects at 13 homes over two days in the Sugarbrook neighborhood. Activities included staining a deck, painting a fence, cleaning gutters, installing gutter guards, installing downspouts, extensions, and splash blocks, trimming trees, yard clean-up, planting flowers, and landscaping. Dumpsters were also available in the neighborhood for residents to dispose of large items, and the Washtenaw County Sheriff's Office hosted a flower-pot painting and planting activity for neighborhood children. Over 18 neighborhood adults and 20 children benefitted from the home improvements and shared in community-building activities during the two days.

Check out the news story about the Lowe's days in Sugarbrook that aired on CBS Detroit 62: <https://www.youtube.com/watch?v=CXsaZdIwXZQ>





Larry's front yard before



Larry's front yard after

On Friday August 10, 13 volunteers from Thomson Reuters worked on two Exterior Home Improvement projects in Sugarbrook.





On August 26, Sugarbrook resident, LaTanya, organized a second annual Youth and Family fun day at Sugarbrook Park. We contributed funding from the Lowe's Small Catalytic Grant to help with activities, and residents handed out surveys and got input on t-shirt designs for a Sugarbrook neighborhood t-shirt.



We are buying another house in Sugarbrook – on Foley Street – affectionately known as the blue house. Some Sugarbrook residents for whom we had previously completed exterior home improvements, joined staff on September 4 to clean up trash from the garage and around the house.



On September 27, eight volunteers from Ford and the law firm of Schiff & Hardin joined us for a day of survey canvassing in Sugarbrook. The participants were incredibly engaged and interested in our mission; they were immensely successful in collecting eight surveys and providing the residents with flyers for our different programs (Free Refrigerator Replacement Program, Free Light Bulb Replacement and Furnace Test & Tune). We have since received five additional surveys thanks to their efforts, making this our most successful survey day as of yet.

Lowe's Carpenter Road Store provided materials for three Little Free Libraries to be constructed and installed in the neighborhood sometime in the future. They also provided new house numbers that we will distribute to residents in January.

On November 11, graduate students from the University of Michigan School of Social Work led a focus group at St. Mark Lutheran Church with youth who live in Sugarbrook. Deputy Dyer from the Washtenaw County Sheriff's Office has been a positive presence in the neighborhood for the last few years and has developed a good relationship with many youth, and she helped get the kids to participate. We got input from 12 youth through a variety of activities, and they enjoyed pizza in addition to receiving Sugarbrook neighborhood t-shirts and gift cards for participating. The U of M students have been working with us all fall semester on activities in Sugarbrook and will prepare a report of their activities at the end of the term.



The Sugarbrook t-shirts are in! Residents chose two designs, and we have started distributing them at neighborhood events. On Saturday January 26 we will be going through the neighborhood to pass out t-shirts, new house numbers provided by Lowe's, and flyers for our January 29 Community Visioning Meeting.



Habitat staff show off our new Sugarbrook t-shirts!



We continue to collect Resident Satisfaction Surveys. We have received 123 surveys to-date with a goal of 273. We have a couple more survey events planned, so please contact Ceara at [cmurtagh@h4h.org](mailto:cmurtagh@h4h.org) if you can join us for a three hour shift. A short training will be provided for new surveyors. It's a fun way to get to know residents and the neighborhood!

We started making contact with the residents of Village Grove, a 247 unit apartment complex in Sugarbrook. On November 3 we hosted a "Coffee & Donuts" event at the complex in order to engage with the residents and collect surveys from them. We met about 10 residents, all of whom were very interested our community development work and a few who wanted information about our homeownership program. We have recently learned that the apartment complex is under new ownership with a new leasing company, and we have reached out to them in order to hold at least one more event at the complex.



On October 27 we co-hosted a Harvest Festival of Thanks with We the People Growers Association. Over 150 people came to Grace Fellowship Church to celebrate and enjoy great food donated by 11 restaurants and to hear more about We the People Growers Association. Thank you to Ali for creating the design for flyers, postcards, and lawn signs! Check out a video from the day: <https://www.facebook.com/100009168899105/videos/2087163811599228/>



We are working with the Sugarbrook Steering Committee to plan a Community Visioning Meeting to be held on January 29 at Grace Fellowship Church from 5:30 – 8:00 pm. We can use help that afternoon from 4:00 – 5:30 with set up and that evening from 5:30 – 8:30 with registration, serving food, and clean-up. Please contact Sarah at [steare@h4h.org](mailto:steare@h4h.org) if you can help.



# Charter Township of Ypsilanti

7200 S. HURON RIVER DRIVE • YPSILANTI, MI 48197

SUPERVISOR BRENDA STUMBO • CLERK KAREN LOVEJOY ROE • TREASURER LARRY DOE  
TRUSTEES: STAN ELDRIDGE • HEATHER JARRELL ROE • MONICA ROSS WILLIAMS •  
JIMMIE WILSON, JR.

## WORK SESSION AGENDA CHARTER TOWNSHIP OF YPSILANTI TUESDAY, JANUARY 15, 2019

**5:00pm**

**CIVIC CENTER  
BOARD ROOM  
7200 HURON RIVER DRIVE**

1. TOWNSHIP PARKS AND RECREATION MASTER PLAN  
PRESENTATION.....MEGAN MASSON-MINOCK AND CHRIS NORDSTROM
2. COMPENSATION COMMITTEE REVIEW.....TRUSTEE ROSS WILLIAMS
3. AGENDA REVIEW..... SUPERVISOR STUMBO
4. OTHER DISCUSSION ..... BOARD MEMBERS



Please refer to the tabs under the Regular Meeting to access information for the Ypsilanti Township Parks and Recreation Master Plan Update.

January 10, 2019

# Memorandum

## Purpose:

The purpose of this memorandum is to bring forward to the Ypsilanti Township Board of Trustees discussion of an Compensation Committee for Ypsilanti Township as it relates to reviewing best practices for Stipends, et. al. for the Parks, Planning Boards and Zoning Board of Appeals as well as other Stipended or Designed Salaried Elected and/or Appointed Positions.

## Background:

Ypsilanti Township Government has three boards outside of the Ypsilanti Township Board of Trustees which receive monetary stipends. The Boards are the following:

- Ypsilanti Township Park Commission - Comprised of seven elected commissioners, consisting of a Chair, Vice-Chair, Secretary, Treasurer and three Commissioners.

The Park Commission is an elected body of Township Government chosen by Constituents every four years with the current term ending November 20, 2020, and meets one per month unless a special meeting is scheduled. The Commission develops policy, have input in determining priorities for capital outlay and represent residents in all matters pertaining to the Township Parks.

- Ypsilanti Township Planning Commission - Comprised of seven appointed commissioners consisting of a Chair, Vice-Chair and Secretary and four Commissioners meeting twice per month.

The Commissioners are appointed by the Township Supervisor and approved by the Ypsilanti Township Board of Trustees. The Planning Commission currently makes recommendations to zoning plans, districts, ordinances per the Township ordinance, approve special land uses, planned unit development and site plans.

- Ypsilanti Township Zoning Board of Appeals (ZBA) - Comprised of five members including a Chair and one alternate.

The ZBA Board is appointed by the Township Supervisor and approved by the Ypsilanti Township Board of Trustees. The ZBA is a quasi-judicial body with the authority to hear and determine appeals of administrative decision, variance applications and make interpretations of Zoning Ordinance provisions.

- Other Boards or Commissions - Other Boards and/or Commissions Stipends and/or Compensation can be reviewed, if decided by the Compensation Committee.

### **MTA Best Practices on Committee Creation:**

Included in the package is an attachment of MTA (Michigan Township Association) Best Practices as it relates to the creation of such a committee including the following:

- Determining the number of members and composition of the committee.
  - Establishing how often the committee should meeting.
  - Determining compensation, if any, for committee members.
  - Establish the scope and/or limit of the committee's purpose.
  - Direct the committee to comply with the Open Meetings Act (OMA) and Freedom of Information Act (FOIA).
  - Consider not authorizing a committee to make any expenditures.
  - Establish a "sunset" date or dissolve the committee when the project is completed or when the committee is no longer needed.
- Detailed information is included as an attachments to this Memorandum
    - Charter Township of Plymouth Compensation Commission** - Resolution Number - 2013-10-28-001. Charter Township of Plymouth, 10AD, pp. 1–2, Charter Township of Plymouth Compensation Commission - Resolution Number - 2013-10-28-001, [www.plymouthtp.org/Open\\_Government\\_Finance/Compensation/Resolution-2013CompensationCommissionDetermination.pdf](http://www.plymouthtp.org/Open_Government_Finance/Compensation/Resolution-2013CompensationCommissionDetermination.pdf).
    - Mullhaupt, Catherine. **Hello, MTA ... ? MTA Township Focus**, 0AD, pp. 10–11, Hello, MTA ... ?, [www.michigantownships.org/members/media/topics/media/committees\\_hello\\_mta\\_sept\\_2017.pdf](http://www.michigantownships.org/members/media/topics/media/committees_hello_mta_sept_2017.pdf).
    - Michigan Townships Association. **"Advisory Committees - MTA Answer Center."** Advisory Committees, 31 July 2012, [www.michigantownships.org/members/infosearch.asp?tpt=tv&tid=15&v=p](http://www.michigantownships.org/members/infosearch.asp?tpt=tv&tid=15&v=p).
    - "Meridian Township, MI." **Local Officials Compensation Commission**, Meridian Township Government, [www.meridian.mi.us/government/boards-and-commissions/local-officials-compensation-commission](http://www.meridian.mi.us/government/boards-and-commissions/local-officials-compensation-commission).
    - "Pittsfield Township - Compensation Commission."** Pittsfield Charter Township, MI - Official Website - Historic Districts, [pittsfield-mi.gov/Index.aspx?NID=119](http://pittsfield-mi.gov/Index.aspx?NID=119).
    - Foley, Steve. **"Resort Township Compensation Committee Reviews Wages."** Petoskey News-Review, Petoskey News-Review, 3 Oct. 2017, [www.petoskeynews.com/featured-pnr/resort-township-compensation-committee-reviews-wages/article\\_c599c690-7adb-5fe4-bd21-15a1e5ca282e.html](http://www.petoskeynews.com/featured-pnr/resort-township-compensation-committee-reviews-wages/article_c599c690-7adb-5fe4-bd21-15a1e5ca282e.html)

Kind Regards,

*Monica Ross-Williams - Ypsilanti Township Trustee*



## What is the difference between a ‘committee’ and a ‘commission’?

Sometimes committees are confused with statutory boards or commissions, particularly if they are long-standing committees that pre-date current board members and staff or if they have ambiguous names, such as “planning and zoning committee” or “parks and recreation board.” It’s important to determine if the body is statutory or a committee, because that will establish the extent—or the limit—of that body’s authority. In my personal opinion, I do not recommend calling a committee anything other than a committee, because it creates confusion.

A statutory board or commission is a public body provided for by law, with the law designating the authority, composition, and functions for that body.

Committees are not mandated or authorized by specific statutes. A township board may choose to establish committees to collect information, make recommendations and participate in township programs. But committees have no authority of their own. They can do only what the board has authorized them to do. Or as I explain it, committees are like imaginary friends! They exist only as long as you believe in them—or the board wants them.



## What can a committee be used for?

Committees may deal with internal administration tasks, such as developing a personal policy or making recommendations for township park management. They may also be formed to gather information or resources for other township bodies, such as a committee created to conduct a survey of township residents or to gather information on how other townships finance fire protection.

Committees can offer interested and active citizens a way to support township programs and services. Some townships have established permanent beautification, cemetery or recreation committees. Other townships use temporary committees or panels that are directed to study an issue or project and report their findings to the township board, such as a road needs committee established for one year and charged with developing a five-year road improvement plan.

Before a committee is established, the township board should consult state laws and the township’s attorney to ensure that the proposed committee does not assume powers or duties assigned to statutorily established or authorized boards or commissions, such as a salary commission or planning commission.



## How does a township board create a committee?

Once a township board decides to create a committee, it should determine the committee’s name, purpose or goals statement, the number of persons to be appointed and the length of the term they will serve, and a timeline to report findings or recommendations, if applicable. The board should direct who will appoint members to the committee. Committee members may be appointed by the township board or individual officials, such as the supervisor, clerk, treasurer or superintendent, as the board designates. The board may wish to leave administrative decisions, such as who will chair the committee, to the committee.

A township board can create a committee by simple board motion or a resolution. The board is not required to file a record of establishing a committee, other than what is recorded in the township board minutes. For public information, and to encourage additional citizen participation, the board may wish to list committees and meeting dates in the township newsletter or website.

The board should consider the following:

- Determine the number of members and composition of the committee.
- Establish how often the committee should meet.
- Determine compensation, if any, for committee members.
- Establish the scope or limit of the committee’s purpose. (What kind of recommendations may they make to the board? When will they be done?)
- Direct the committee to comply with the Open Meetings Act (OMA) and Freedom of Information Act (FOIA).
- Review the committee’s recommendations—final decisions are made by the board, not the committee.
- Consider not authorizing a committee to make any expenditures. If they are authorized by the township board to make expenditures, require that any and all expenditures be approved by the township board (checks and payments may be issued only through the standard township board approval process).
- Establish a “sunset” date or dissolve the committee when the project is completed or when the committee is no longer needed.

Discuss the following questions:

### 1) Will compensation or expense reimbursements be given?

There is no requirement that compensation or expense reimbursements be given to advisory committee members, but a township board can determine a per diem payment or reimbursement for meetings and place a limit on the number of meetings held in a given period.

**2) Are committees required to comply with the Open Meetings and Freedom of Information Acts?**

Purely advisory committees are not subject to the Open Meetings Act, but a township board may require them to comply with the OMA.

Under certain circumstances, even a committee may be required by law to comply with the OMA, so a township board should consult with its attorney for a determination of whether a specific committee would be required to comply. Because the courts—and the public—may view any committee established by the township as a public body, I suggest that, while not automatically required by law, a township board consider requiring township committees to comply with the OMA.

Committee records are public records subject to the FOIA unless they fall under an exception in the FOIA.

**3) Will committee members take an oath of office?**

Committees are not required by law to take the oath of office. The township board may choose to require that committee members take the oath. Taking the oath lends credibility to the position and provides a record of the date and expiration of the appointment. Each signed oath must be filed with the township clerk.

**4) Will a township board member serve on the committee?**

Township board members may serve on committees, as long as a quorum of the board is not meeting. Often one or two board members serve on an advisory committee to maintain contact with and act as a liaison to the township board. This is an excellent way to utilize the skills of township trustees.

Note that the Charter Township Act states that the supervisor (or superintendent) is a member of all committees of the township board. (MCL 42.10(h))

**5) Will the committee have bylaws?**

It's a good idea to incorporate the board's decisions as bylaws for the committee. This can help ensure that the committee is actually working toward the purpose established by the board, and that it will not unintentionally violate state or federal statutes. If the committee develops its own bylaws, the township board should review and approve them.

*Hello, MTA ... ?* provides general information on typical questions asked by township officials. Readers are encouraged to contact an attorney when specific legal guidance is needed. Member township officials and personnel may contact MTA Member Information Services with questions or requests from 8 a.m. to 5 p.m., weekdays, at (517) 321-6467 or fax (517) 321-8908.

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# LOCAL OFFICIALS COMPENSATION COMMISSION

**The Local Officials' Compensation Commission consists of five members that meet biannually to determine the salaries of elected officials (Supervisor, Clerk, Treasurer, Trustees and Park Commissioners). The determination of the commission is in effect 30 days following its filling with the Clerk's office unless rejected by the Township Board with a 2/3 vote. The Commissioners serve five year terms, with one term expiring each calendar year.**

Commission Members Term Expires

James B. Doyle (Chair)	12.31.2023
Stacy Hickox	12.31.2021
Amy Holda	12.31.2020
Charles Lawler	12.31.2019
VACANT	12.31.2022

Member

# Advisory Committees

Answer Center

[Member Home](#) > [Answer Center](#) > [Advisory Committees](#)

[Townships & Marihuana/Marijuana Regulation Resources](#)

[MTA Township Salary Survey Launch Page](#)

[FOIA Forms and Samples](#)

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[Township Laws](#)

[Find a Township](#)

[MTA Township of Excellence Award](#)



[Committees, Hello, MTA ... ? September 2017](#)

Advisory committees are not mandated or authorized by specific statutes. A township board may choose to establish advisory committees to collect information, make recommendations and participate in township programs. Advisory committees are just that—advisory—and they have no authority of their own. They can do only what the board has authorized them to do.

Advisory committees may deal with internal administration tasks, such as developing a personal policy or making recommendations for township park management. They may also be formed to gather information or resources for other township bodies, such as a committee created to conduct a survey of township residents or to gather information on how other townships finance fire protection.

Advisory committees can offer interested and active citizens a way to support township programs and services. Some townships have established permanent beautification, cemetery or recreation committees. Other townships use temporary committees or panels that are directed to study an issue or project and report their findings to the township board, such as a road needs committee established for one year and charged with developing a five-year road improvement plan.

Before an advisory committee is established, the township board should consult state laws and the township’s attorney to ensure that

## Quick Links

- [Advisory Committ](#)
- [Boards and Comm](#)
- [Ethics and Conduc](#)
- [Freedom of Infor](#)
- [Incompatible Offices](#)
- [Meetings](#)
- [Minutes](#)
- [Open Meetings Ac](#)

**Member****Appointing Advisory Committees**

Once a township board decides to create an advisory committee, it should determine the committee's name, purpose or goals statement, the number of persons to be appointed and the length of the term they will serve, and a timeline to report findings or recommendations, if applicable. The board should direct who will appoint members to the committee. Advisory committee members may be appointed by the township board or individual officials, such as the supervisor, clerk, treasurer or superintendent. The board may wish to leave administrative decisions, such as who will chair the committee, to the advisory committee.

A township board can create an advisory committee by simple board motion or a resolution. The board is not required to file a record of establishing an advisory committee, other than what is recorded in the township board minutes. For public information, and to encourage additional citizen participation, the board may wish to list committees and meeting dates in the township newsletter or Web site.

The board should consider the following:

- Determine the number/constitution of the membership
- Establish how often the committee should meet
- Determine any compensation for committee members
- Establish the scope or limit of the committee's purpose (what kind of recommendations may they make to the board?)
- Direct the committee to comply with the OMA and FOIA
- Review the committee's recommendations—final decisions are made by the board, not the committee
- Require that any and all expenditures be approved by the township board (checks and payments may be issued only through the standard township board approval process)
- Establish a "sunset" date or dissolve the committee when it is no longer needed

Discuss the following questions:

**1) Will compensation or expense reimbursements be given?**

There is no requirement that compensation or expense reimbursements be given to advisory committee members, but a township board can determine a per diem payment or reimbursement for meetings and place a limit on the number of meetings held in a given period.

**2) Are committees required to adhere to the Open Meetings and Freedom of Information Acts?**

Purely advisory committees are probably not subject to the Open Meetings Act, but a township board may require them to comply with the OMA. However, if a committee makes any decisions that are required by the OMA to be made in public, the committee must comply with all aspects of the OMA. Advisory committee records may



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**Member**

while not automatically required by law, any township advisory committee comply with the Open Meetings and Freedom of Information Acts. Under certain circumstances, even an advisory committee may be required by law to comply.

**3) Will committee members take an oath of office?**

The township board can choose to require that committee members take an oath of office. Taking the oath lends credibility to the position and provides a record of the date and expiration of the appointment. Each signed oath must be filed with the township clerk.

**4) Will a township board member serve on the committee?**

Township board members may serve on advisory committees, as long as a quorum of the board is not assigned. Usually one or two board members serve on an advisory committee to maintain contact with and act as a liaison to the township board. This is an excellent way to utilize the skills of township trustees. Note that the Charter Township Act states that the supervisor (or superintendent) a member of all committees of the township board (MCL 42.10(h)).

**5) Will the committee have by-laws?**

It's a good idea to incorporate the board's decisions as by-laws for the committee. This can help ensure that the committee is actually working toward the purpose established by the board, and that it will not unintentionally violate state or federal statutes. If the advisory committee develops its own by-laws, the township board should review and approve them.

Sometimes advisory committees are confused with [statutory boards or commissions](#), particularly if they are long-standing committees that pre-date current board members and staff or if they have ambiguous names, such as "planning and zoning committee" or "parks and recreation board." It's important to determine if the body is statutory or advisory, because that will establish the extent—or the limit—of that body's authority.

Created on Tuesday, July 31, 2012



512 Westshire Dr.  
Lansing, MI 48917

P: 517-321-6467

F: 517-321-8908

[https://www.petoskeynews.com/featured-pnr/resort-township-compensation-committee-reviews-wages/article\\_c599c690-7adb-5fe4-bd21-15a1e5ca282e.html](https://www.petoskeynews.com/featured-pnr/resort-township-compensation-committee-reviews-wages/article_c599c690-7adb-5fe4-bd21-15a1e5ca282e.html)

## Resort Township compensation committee reviews wages

Steve Foley(231) 439-9397 - [sfoley@petoskeynews.com](mailto:sfoley@petoskeynews.com) Oct 3, 2017



Paul Schemanski

In August, Resort Township formed a compensation committee to review the wages of the township's elected officials, hourly employees and committee members.

The committee, which consists of township trustees Paul Schemanski and Frank Tarquini along with township resident Holly Angileri, was tasked with bringing a recommendation back to the full board on wage increases.

The last wage adjustment went into effect April 1, 2013.

“This little committee has met a few times and has researched the Michigan Townships Association and survey data,” Schemanski said. “We sifted through that and came up with a peer group.”

The taxable value peer group considered consists of 20 townships which have submitted compensation data to the Michigan Townships Association. Peers chosen for comparison with Resort include the 10 closest with a lower taxable value and the 10 closest with a higher taxable value.

The taxable value peer group puts Resort Township in the middle (50th percentile) as to taxable value, Schemanski said.

“It gives us an idea as to whether or not we’re in the ballpark within that peer group,” Schemanski said.

Schemanski also mentioned total board compensation at 16 (80 percent) of the townships is greater than Resort Township, and lower at four townships (20 percent).

The average compensation for each elected official within the peer group revealed the average compensation for township clerk is \$35,317; treasurer at \$34,758; and supervisor at \$32,804.

Compensation for Resort Township’s clerk is \$24,101, while the treasurer is paid \$21,537 and the supervisor \$20,329 (excluding assessing duties).

The group also looked at average gaps between officials in the peer group. Using the clerk’s salary as the base, since it is the highest, the treasurer’s compensation is 98 percent of the clerk’s compensation. The supervisor’s compensation (excluding assessing) is 93 percent of the clerk’s compensation.

The gap between officials for Resort Township revealed the treasurer’s compensation is 89 percent of the clerk’s, while the supervisor’s compensation is 84 percent of the clerk’s.

“Some townships pay all three positions the same, but most have a gap between them,” Schemanski said. “We looked at that and ours have larger gaps.”

Schemanski said the committee plans on making a recommendation at Resort Township’s next regular scheduled board meeting, which is scheduled for 7 p.m. Tuesday, Oct. 10, at Resort Township Hall on Resort Pike Road.

“It’s been four and a half years since any of the elected officials have had an increase or change in their compensation level,” Schemanski said. “At our last board meeting Bob (Wheaton, township supervisor) had it on the agenda and we talked through it and talked about what to do.

“We came up with the idea to form this committee.”

Follow Steve Foley on Twitter @SteveFoley8.



**Quick Read: Resort Township compensation committee reviews wages**

---

Steve Foley

## **NASCAR**

Suarez gets 2nd shot to show he can ride with NASCAR's best

Ganassi closes Xfinity team after FBI raid on sponsor

Bass Pro Shops moves with Martin Truex Jr. to Gibbs team

Promoter, Bristol Motor Speedway to fix up Nashville track

Darlington Raceway to celebrate early 1990s era next season



# Pittsfield Charter Township Michigan

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## Contact Us

[Compensation Commission](#)  
[Email](#)

Supervisor's Office  
Pittsfield Charter Township  
6201 W. Michigan Ave.  
Ann Arbor, Michigan 48108

Ph: 734.822.3135

### Compensation Commission

#### Agendas & Minutes

All agendas are subject to revision at the time of the meeting. Meeting notices will be posted in compliance with PA 267 of 1976 as amended (Open Meetings Act), MCLa 41.72a (2) (3), and the Americans with Disabilities Act (ADA).

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- View [Most Recent Report](#)

#### Members

- Vineet Katial
- Tom McDole
- Ishwar Naik
- Edward Shaffran
- Stu Simon

#### Overview

The Compensation Commission meets in odd-years to provide a recommendation to the Township [Board of Trustees](#) regarding the salaries for elected officials. Pursuant to the Charter Township Act (Act 359 of 1947), the Board of Trustees must then take action on the recommendations of the commission.

#### Meetings

- 1:30 PM
- Every odd year between the months of September and November
- Morris Hall at the Township Administration Building located at 6201 W. Michigan Avenue

#### Schedule

The Compensation Commission will meet on [September 14, 2017](#), annual schedule to follow.

Individuals with disabilities requiring auxiliary aids or services should contact the Clerk's Office 3 business days prior to the meeting. The Clerk's Office can be reached at 734-822-3120 or via email [clerk@pittsfield-mi.gov](mailto:clerk@pittsfield-mi.gov).

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- [Water & Rubbish](#) Information: 734.822.3105
- [Property Tax](#) Information: 734.822.3140
- [Permits & Inspections](#): 734.822.3125

#### FAQs

- [Where are the Township Offices located?](#)
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**CHARTER TOWNSHIP OF PLYMOUTH  
ELECTED OFFICIALS COMPENSATION COMMISSION**

**RESOLUTION NUMBER 2013-10-28-001**

**RESOLUTION DETERMINING THE SALARY OF THE TOWNSHIP  
SUPERVISOR, CLERK, TREASURER, AND TRUSTEES**

At a regular meeting of the Elected Officials Compensation Commission for the Charter Township of Plymouth, Wayne County, Michigan, held in the Township Hall located at 9955 N. Haggerty Road, Plymouth, Michigan, on the 28<sup>th</sup> day of October 2013, at 7 p.m.

MEMBERS PRESENT: Brinton Baker, Sarah Gatzek, Jerry Jagacki, Randy Jost, Ann Smith

ABSENT: None

MOTION BY: Randy Jost

SUPPORTED BY: Jerry Jagacki

WHEREAS, the Charter Township of Plymouth Board of Trustees did adopt an Elected Officials Compensation Commission Ordinance; and

WHEREAS, by Resolution dated August 14, 2001 the Board of Trustees did implement the Elected Officials Compensation Commission Ordinance; and

WHEREAS, the Board of Trustees appointed the first Compensation Commission members August 14, 2001; and

WHEREAS, the Compensation Commission held its first meeting September 23, 2013 and other meetings to review the facts and issues surrounding the compensation for elected officials; and

WHEREAS, the meetings have been held in compliance with the Open Meetings Act (PA 267 of 1976); and

WHEREAS, the Compensation Commission has reviewed:

1. The salaries of elected officials in relevant and comparable communities and their averages.
2. The salaries of non-elected employees in relevant and comparable communities and their averages, including the salaries of non-elected employees in Plymouth Township.
3. The relative relationships between the salaries of elected officials and those of non-elected employees.
4. Benefits information for officials and employees identified in (1) and (2) above.
5. The state of the economy and the 1.7% increase in the cost of living as determined by the Social Security Administration for 2013.

WHEREAS, the Compensation Commission has voted to approve a determination for the compensation for the Plymouth Township Elected Officials; and



**CHARTER TOWNSHIP OF PLYMOUTH  
ELECTED OFFICIALS COMPENSATION COMMISSION**

**RESOLUTION NUMBER 2013-10-28-001**

**RESOLUTION DETERMINING THE SALARY OF THE TOWNSHIP  
SUPERVISOR, CLERK, TREASURER, AND TRUSTEES**

WHEREAS, determination of the Compensation Commission shall be the salary unless the Township Board, by resolution adopted by two-thirds of the members elected to and serving on the Board rejects the determination. The determination of the Compensation Commission shall be effective 30 days following filing of the determination with the Township Clerk unless rejected by the Township Board. If the determination is rejected the existing salary shall prevail.

NOW, THEREFORE, BE IT RESOLVED THAT the Charter Township of Plymouth Elected Officials Compensation Commission does determine the compensation for the Charter Township of Plymouth Elected Officials in the amounts stated below and does further instruct the Chairperson for the Compensation Commission to file this Resolution of Determination with the Township Clerk.

	Fiscal Years	Salary	Y-T-Y Change
<b>SUPERVISOR:</b>	2014	\$106,588	4.5%
	2015	\$111,384	4.5%
<b>CLERK:</b>	2014	\$97,981	3.5%
	2015	\$101,410	3.5%
<b>TREASURER:</b>	2014	\$97,981	3.5%
	2015	\$101,410	3.5%
<b>TRUSTEES:</b>	2014	\$11,571	1.5%
	2015	\$11,745	1.5%

AYES: Brinton Baker, Sarah Gatzek, Jerry Jagacki, Randy Jost, Ann Smith  
NAYS: None  
ABSTAINED: None

RESOLUTION ADOPTED: October 28, 2013

STATE OF MICHIGAN)  
  ) SS  
COUNTY OF WAYNE )

I, the undersigned duly qualified and acting Chairperson for the Charter Township of Plymouth Elected Officials Compensation Commission, County of Wayne, State of Michigan, do hereby

**CHARTER TOWNSHIP OF PLYMOUTH  
ELECTED OFFICIALS COMPENSATION COMMISSION**

**RESOLUTION NUMBER 2013-10-28-001**

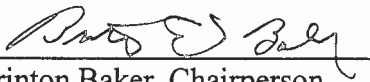
**RESOLUTION DETERMINING THE SALARY OF THE TOWNSHIP  
SUPERVISOR, CLERK, TREASURER, AND TRUSTEES**

certify that the foregoing is a true and complete copy of a Resolution adopted by the Elected Officials Compensation Commission of the Charter Township of Plymouth at a regular meeting held on the 28<sup>th</sup> day of October, 2013 the original of which is on file in the office of the Plymouth Township Clerk.

IN WITNESS WHEREOF, I have hereunto set my official signature this 29<sup>th</sup> day of October 2011.

ELECTED OFFICIALS COMPENSATION  
COMMISSION

BY:

  
Brinton Baker, Chairperson

# REVIEW AGENDA

---

- A. SUPERVISOR STUMBO WILL REVIEW BOARD MEETING AGENDA

# OTHER DISCUSSION

---

- A. BOARD MEMBERS HAVE THE OPPORTUNITY TO DISCUSS ANY OTHER PERTINENT ISSUES



# Charter Township of Ypsilanti

7200 S. HURON RIVER DRIVE • YPSILANTI, MI 48197

SUPERVISOR BRENDA STUMBO • CLERK KAREN LOVEJOY ROE • TREASURER LARRY DOE  
TRUSTEES: STAN ELDRIDGE • HEATHER JARRELL ROE • MONICA ROSS WILLIAMS •  
JIMMIE WILSON, JR.

## **REGULAR MEETING AGENDA**

**TUESDAY, JANUARY 15, 2019**

**7:00 P.M.**

**Revised Jan. 14, 2019**

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE AND INVOCATION
3. PRESENTATION OF THE DRAFT OF THE YPSILANTI TOWNSHIP PARKS AND RECREATION MASTER PLAN
4. PUBLIC HEARING
  - A. 7:00PM - RESOLUTION 2019-02, ADOPTION OF THE 2019-2023 YPSILANTI CHARTER TOWNSHIP PARKS AND RECREATION MASTER PLAN
5. PUBLIC COMMENTS
6. CONSENT AGENDA
  - A. MINUTES OF THE DECEMBER 18, 2018 WORK SESSION, CLOSED SESSION AND REGULAR MEETING
  - B. STATEMENTS AND CHECKS
    1. STATEMENTS AND CHECKS FOR JANUARY 15, 2019 IN THE AMOUNT OF \$1,307,845.99
    2. CHOICE HEALTH CARE DEDUCTIBLE ACH EFT FOR DECEMBER 2018 IN THE AMOUNT OF \$29,543.87
    3. CHOICE HEALTH CARE ADMIN FEE FOR DECEMBER 2018 IN THE AMOUNT OF \$1,101.00
  - C. NOVEMBER 2018 TREASURER'S REPORT
  - D. DECEMBER 2018 TREASURER'S REPORT
7. ATTORNEY REPORT
  - A. GENERAL LEGAL UPDATE

### **NEW BUSINESS**

1. REQUEST FOR LOCAL GOVERNMENT APPROVAL OF A SMALL WINEMAKERS LICENSE AND AN ON PREMISE TASTING PERMIT FOR PATRICK ECKLIN AND JEFFREY FRASURE TO BE LOCATED AT 1497 ECORSE RD.
2. REQUEST TO APPROVE THE YPSILANTI TOWNSHIP PARKS COMMISSION RECOMMENDATION TO PROCEED WITH A SKATEPARK PROJECT AT THE PROPOSED LOCATION OF COMMUNITY CENTER PARK AND THE ESTIMATED ASSOCIATED MAINTENANCE COSTS OF \$5,000.00 ANNUALLY

3. RESOLUTION 2019-03, OWNERS DAM SAFETY PROGRAM
4. RESOLUTION 2019-04, ADOPTION OF THE POVERTY EXEMPTION GUIDELINES AND APPLICATION
5. REQUEST APPROVAL OF 2019 BOARD OF REVIEW MEETING DATES AND COMPENSATION
6. REQUEST OF KAREN WALLIN, HUMAN RESOURCES TO CHANGE THE ASSISTANT DIRECTOR OF GOLF TO AN EXEMPT (SALARIED) POSITION AND TO INCREASE THE YEARLY SALARY FROM \$31,065.00 TO 37,065.00
7. REQUEST OF MIKE RADZIK, OCS DIRECTOR FOR AUTHORIZATION TO SEEK LEGAL ACTION IF NECESSARY TO ABATE PUBLIC NUISANCE FOR PROPERTY LOCATED AT 2259 VALLEY DR. IN THE AMOUNT OF \$10,000.00 BUDGETED IN LINE ITEM #101-950-000-801-023
8. RESOLUTION 2019-01, ADMINISTRATIVE AND CONFIDENTIAL EMPLOYEES SALARY
9. BUDGET AMENDMENT #1

#### **AUTHORIZATIONS AND BIDS**

1. REQUEST OF MICHAEL SARANEN, HYDRO OPERATIONS TO WAIVE THE FINANCIAL POLICY AND APPROVE THE QUOTE FROM FONDRIEST ENVIRONMENTAL FOR A REPLACEMENT WEATHER RADIO STATION AND RADIO COMMUNICATION EQUIPMENT IN THE AMOUNT OF \$8,223.18 BUDGETED IN LINE ITEM #252-252-000-976-000

#### **OTHER BUSINESS**

# Ypsilanti Township 2040

Parks & Recreation  
2019 – 2023  
Master Plan  
Public Hearing  
January 15, 2019

[www.ypsilantitownship2040.com](http://www.ypsilantitownship2040.com)

# Why do we need a recreation plan?

- Guides Parks & Recreation actions and planning over the next five years
- Mandated by the Michigan Department of Natural Resources (MDNR)
- Makes the Township eligible to apply for grants:
  - Michigan Natural Resources Trust Fund (MNRTF)
    - Up to \$300,000 for development; 25% match required
    - Unlimited amount for acquisition; 25% match required
  - Recreation Passport
    - Development only
    - Up to \$150,000; 25% match required
  - Land & Water Conservation Fund (LWCF)
    - Development only
    - Up to \$300,000; 50% match required



[www.ypsilantitownship2040.com](http://www.ypsilantitownship2040.com)

Public Hearing - January 15, 2019



# Parks & Recreation Master Plan Timeline

- **MAY 23:** Meeting with Supervisor Stumbo
- **JUNE 4:** Meeting with Park Director Angela Verges  
Set up Steering Committee  
Meeting with Park Commission
- **JUNE 15 - OCTOBER 21:** Online Survey
- **SEPTEMBER – OCTOBER:** Cobalt Survey
- **SEPTEMBER 10:** Recreation Open House
- **SEPTEMBER 27:** Steering Committee Meeting
- **OCTOBER 16 - 19:** Ypsilanti Township 2040  
Design Workshop
- **NOVEMBER 11:** Draft to Steering Committee
- **NOVEMBER 29:** Public Review Period Begins
- **JANUARY 7:** Park Commission Meeting -  
Plan Recommended for Adoption
- **JANUARY 15:** Public Hearing at  
Township Board Meeting
- Plan Adopted (?)
- **FEBRUARY 1:** MDNR Plan  
Submittal Deadline
- **APRIL 1:** Grant Submittal Deadline



[www.ypsilantitownship2040.com](http://www.ypsilantitownship2040.com)

Public Hearing - January 15, 2019

# What have we learned?

Township residents are generally happy with their parks

- 28 Park properties totaling over 970 acres
- 75% of online survey respondents said Township Parks & Recreation offerings meet the needs of their family
- 69% stated the Township has the “right number” of parks
- Cobalt survey (score out of 10):
  - Quality of recreation programs 6.8
  - Variety of recreation programs 6.6

*Source: Recreation Plan Online Survey*



[www.ypsilantitownship2040.com](http://www.ypsilantitownship2040.com)

Public Hearing - January 15, 2019

## Top four facilities:

- Ford Heritage (82%)
- Green Oaks GC (79%)
- North Bay Park (74%)
- Huron River Park (69%)



Source: Recreation Plan Online Survey

## Bottom four facilities:

- Pine Park (36%)
- Harris Park (36%)
- Rambling Road Park (35%)
- Wendell Holmes Park (30%)



## Most important values:

- Maintaining existing parks – 98%
- Protecting natural resources – 91%
- Access to paths & trails – 91%

## Most requested amenities:

- Multi-use walking trail (asphalt path) – 67%
- Rustic walking path (crushed limestone) – 57%
- Improved restrooms – 54%
- Fitness/exercise trails – 36%
- Nature center – 35%

*Source: Recreation Plan Online Survey*



[www.ypsilantitownship2040.com](http://www.ypsilantitownship2040.com)

Public Hearing - January 15, 2019

# Programming

- Only 21% indicated programming is “very important”, and 72% of respondents did not take advantage of rec programming
- Majority of programming responses were “Don’t know”, suggesting a lack of awareness regarding programming options

# Non-motorized Transportation

- 83% walk, hike or run, and 66% regularly bicycle
- 82% indicated a desire to see trail system expanded
- Only 36% kayak or canoe regularly
- Non-motorized Transportation Plan underway

*Source: Recreation Plan Online Survey*



[www.ypsilantitownship2040.com](http://www.ypsilantitownship2040.com)

Public Hearing - January 15, 2019

# “Big Ticket” Items

- Dog Park
- Splash Pad
- New Community Center / Gym
- Millage
  - Up to 0.25 mill – 36.5%
  - Up to 0.50 mill – 25%
  - Up to 1.0 mill – 30.8%
  - Would not support – 7.7%

*Source: Recreation Plan Online Survey*



[www.ypsilantitownship2040.com](http://www.ypsilantitownship2040.com)

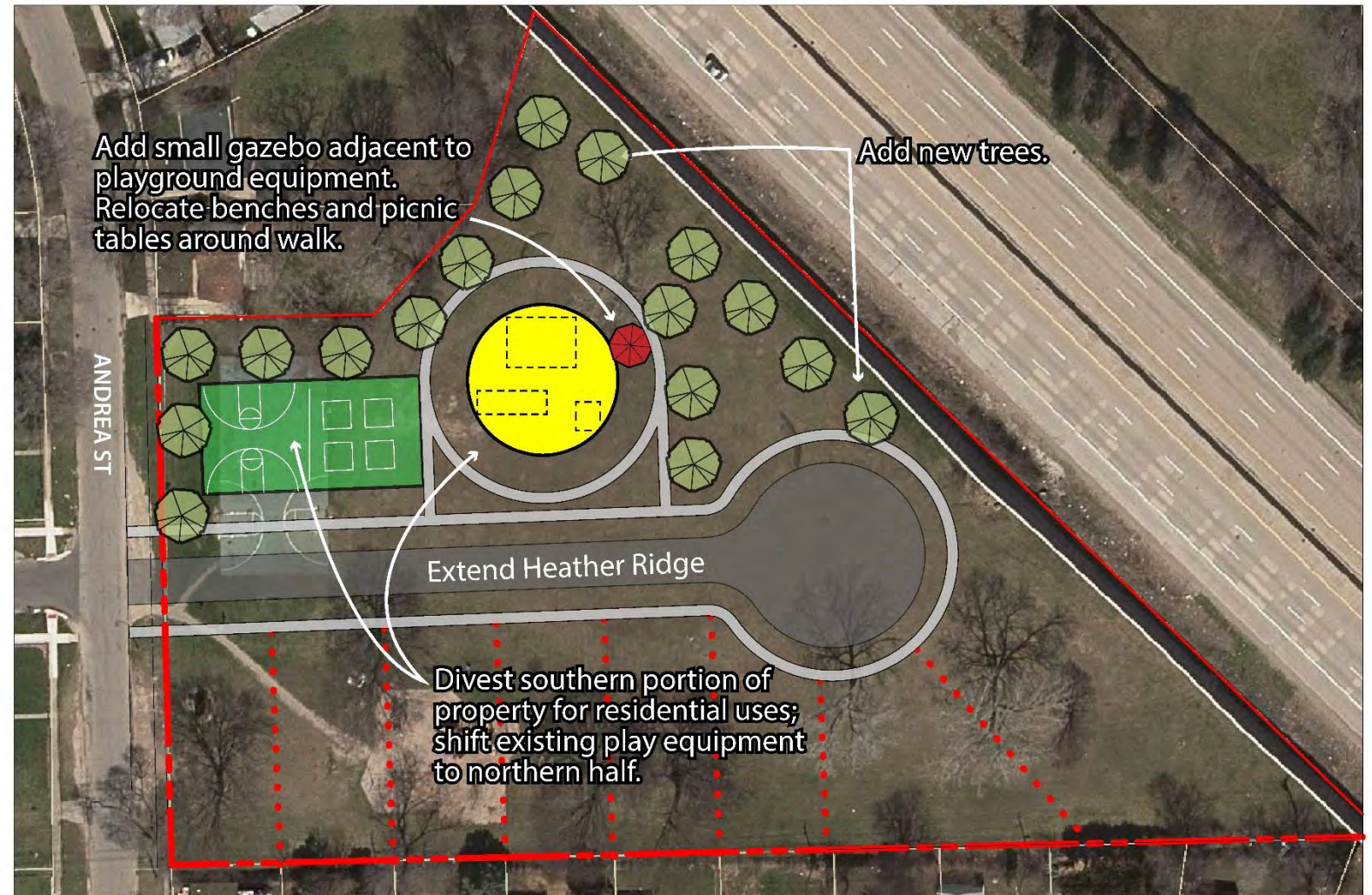
Public Hearing - January 15, 2019

# Sugarbrook Park

## Short term plan:

- Work with neighbors to design plan which addresses safety and recreation concerns
- Add lighting & cameras

## Long term Concept Plan



NOT TO SCALE

0 40 80 160

# Park Commission Changes

- Further emphasize community role in ownership and development of properties
- Working with Ypsilanti Community Public Schools regarding potential reuse of school properties as recreation amenities, and
- Establishment of subcommittees to evaluate the proper location of dog parks and splash pads in community parks



[www.ypsilantitownship2040.com](http://www.ypsilantitownship2040.com)

Public Hearing - January 15, 2019



# Ypsilanti Township 2040

Parks & Recreation  
2019 – 2023  
Master Plan  
Public Hearing  
January 15, 2019

[www.ypsilantitownship2040.com](http://www.ypsilantitownship2040.com)

**Zimbra****Istanfield@ytown.org**

---

**Fwd: Parks and Recreation Draft Plan changes from  
Park Commission**

---

**From :** Karen Lovejoy Roe                      Thu, Jan 10, 2019 06:00 PM  
<klovejoyroe@ytown.org>

**Subject :** Fwd: Parks and Recreation  
Draft Plan changes from  
Park Commission

**To :** Lisa Stanfield  
<lstanfield@ytown.org>

**Cc :** Karen Lovejoy Roe  
<klovejoyroe@ytown.org>

Please put this email below... in the packet  
for the parks and rec master plan..thanks,  
karen

----- Forwarded Message -----

From: "Chris Nordstrom"  
<cnordstrom@cwaplan.com>  
To: "Karen Lovejoy Roe"  
<klovejoyroe@ytown.org>, "Megan Masson-Minock"  
<mmasson-minock@cwaplan.com>  
Cc: "Lisa Stanfield" <lstanfield@ytown.org>,  
"streeterd" <streeterd@washtenaw.org>  
Sent: Thursday, January 10, 2019 11:26:17 AM  
Subject: RE: Parks and Recreation Draft Plan

Good morning everyone,

I made the changes requested by the Park  
Commission and am sending you the links for

that version now. Lisa and Karen, Megan will be uploading the file to your Dropbox account shortly.

To access the plan on Calameo, click here:

<https://www.calameo.com/read/0051076739a32c52413d8>

To download a PDF of the plan, click here:

<https://documentcloud.adobe.com/link/track?uri=urn%3Aaaid%3Aascds%3AUS%3Ad5c6de6e-8839-4254-b5e7-064a6971e7b3>

Here are all of the changes that were made:

Page 46: removed reference to a potential dog park at Lakeview Park

Page 104: removed reference to a potential dog park at Lakeside Park

Page 105: changed dog park reference to read, "further development"

Page 108: removed reference to a potential dog park

Page 109: changed dog park reference to read, "further development"

Page 110: Sugarbrook - added bullet point "Work with neighbors to develop a park design which addresses safety concerns while providing high quality recreation opportunities"

Page 121: Added language discussion formation of committees to evaluate dog park and splash pad placement in community parks. Note that I left the reference to possible placement of a splash pad in Ford Heritage Park, as it meets the criteria outlined by the Commission.

Page 124: removed table entries for dog parks at Lakeside and Lakeview Parks

Page 124: changed Sugarbrook entry from "Partner with Township Board... " to read, "Evaluate opportunities to partner with Township Board..."

Finally, I did NOT add additional wording regarding working with neighbors into the Goals & Objectives, as there is already a complete section that covers the topic (see page 89). If that still needs to be reworded, let me know.

Thanks,  
Chris Nordstrom

-----Original Message-----

From: Karen Lovejoy Roe  
[mailto:klovejoyroe@ytown.org]  
Sent: Wednesday, January 09, 2019 4:41 PM  
To: Megan Masson-Minock <mmasson-minock@cwaplan.com>; Chris Nordstrom  
<cnordstrom@cwaplan.com>  
Cc: Lisa Stanfield <lstanfield@ytown.org>  
Subject: Parks and Recreation Draft Plan

will park commission changes be added to the draft plan before the board meeting? if so please send lisa and I the updated version..karen

--

Karen Lovejoy Roe  
Clerk  
Charter Township of Ypsilanti  
7200 S. Huron River Dr.  
Ypsilanti, MI 48197

734.484.4700

[ <mailto:klovejoyroe@ytown.org> |  
klovejoyroe@ytown.org ] For Ypsilanti Township  
News go to [ <http://ytown.org/> | ytown.org ]  
Ypsilanti Township Homepage - <https://ytown.org>

--

Karen Lovejoy Roe  
Clerk

Charter Township of Ypsilanti  
7200 S. Huron River Dr.  
Ypsilanti, MI 48197  
734.484.4700

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Ypsilanti  
Township  
2040

---

Packs &  
DRAFT 2  
For Public Review  
1-10-2019  
Recreation  
Plan

---

DRAFT 2  
For Public Review  
1-10-2019

# ACKNOWLEDGMENTS

## Park Commission

- Stuart Collins, Chair
- David Streeeter, Vice Chair
- Debbie Swanson, Secretary
- Elizabeth Corder, Treasurer
- Edward Burnett, Commissioner
- Sage Pazyamor, Commissioner
- Gloria Peterson, Commissioner

## Township Board of Trustees

- Brenda Stumbo, Supervisor
- Karen Lovejoy Roe, Clerk
- Larry Doe, Treasurer
- Stan Eldridge, Trustee
- Heather Jarrell Roe, Trustee
- Monica Ross-Williams, Trustee
- Jimmie Wilson Jr., Trustee

## Staff

- Angela Verges, Director of Parks and Recreation
- Robin Castle-Hine, Human Resources, Quality Assurance Specialist
- Crystal Campbell, Community Engagement Coordinator
- Wayne Dudley, Public Services Superintendent

## Parks & Recreation Master Plan Steering Committee

- Stuart Collis
- Wayne Dudley
- Monica Ross-Williams
- Debbie Swanson
- Angela Verges

with assistance from



**Carlisle | Wortman**  
ASSOCIATES, INC.



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# Introduction

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# Introduction

The Charter Township of Ypsilanti Parks and Recreation Plan articulates a vision for parks and recreation in Ypsilanti Township. The purpose of this Plan is to guide recreation planning and development efforts of the Township over the next five-year period. Once adopted, the Plan is the official document to be used by the community to guide decisions regarding parks and recreation.

The revised and updated Plan is intended to meet state standards for community recreation planning that are necessary to gain eligibility for grant programs. The plan was guided by the Parks & Recreation Master Plan Steering Committee with input from the Park Commission, Township officials, staff, and community members.

## PLAN CONTENTS

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The Ypsilanti Plan follows the format suggested by the Michigan Department of Natural Resources (MDNR, 2018) in the Guidelines for the Development of Community Park Recreation, Open Space and Greenway Plans.

- The Plan begins with a brief overview and a **Description** of the Planning Process used to develop the plan.
- A **Community Description** provides information on both the social and physical characteristics of the community.
- The **Administrative Structure** is described next, including information on funding and budget.
- A detailed **Recreation Inventory** describes the existing parks and recreational facilities of the community as well as those of the state and the region.
- The **Public Participation** portion of the Plan presents the input received from local officials, staff, and residents.
- The information gathered in the previous sections was then used to formulate the plan's **Goals and Objectives**.
- The **Action Program** provides an action plan and strategies for implementation.
- Finally, the Supporting Documents include detailed accounts of the public input received as well as the resolutions and notices documenting the plan's adoption by the Charter Township of Ypsilanti's Board of Trustees.



## PLANNING PROCESS

The process used to generate the plan consists of three phases: background studies, evaluation, and plan development.

**Background Studies.** This phase involved gathering and updating data from census data, existing documents, plans, and field observations. The information is organized into three chapters: community description (Appendix A), administrative structure, and recreation inventory.

**Evaluation.** The second phase in the planning process includes an evaluation and analysis of gathered data as well as community input to determine recreation facilities and program needs. A public input session was conducted to receive residents' opinions, input, and ideas for the park and recreation system. Input from local officials and the members of the Park Board was also used.

**Plan Development.** The last phase in the process involves plan development and adoption. Based on the deficiencies and needs, goals and objectives were formulated and a specific action plan developed. Strategies to implement the plan are also discussed.

The following diagram illustrates the planning process and how it corresponds to the MDNR suggested format described earlier.



# Community Description

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# Community Description

## Description of the Planning Area



FIGURE 1: State of Michigan

Ypsilanti Township is located on the eastern edge of Washtenaw County, approximately 30 miles west of Detroit. The Township encompasses the City of Ypsilanti in the northwest quadrant, and lies slightly more than a mile east of the City of Ann Arbor. It is bordered by Pittsfield, York, and Ann Arbor townships to the west, August Township to the south, Sumpter, Van Buren, and Canton Townships in Wayne County to the west, and Superior Township to the north.

Washtenaw County is the sixth largest county in population in the State of Michigan. It is located in the west area of the Southeast Michigan Council of Governments (SEMCOG) region. SEMCOG is the regional planning agency that conducts planning studies and maintains a comprehensive database of information about the following seven counties: St. Clair, Macomb, Oakland, Livingston, Washtenaw, Wayne, and Monroe. By percentage, Washtenaw had the fifth highest growth rate in Michigan between 2010 and 2014, and was the fastest growing county on the east side of the state.

FIGURE 4: Population Trends - Southeast Michigan and Washtenaw County

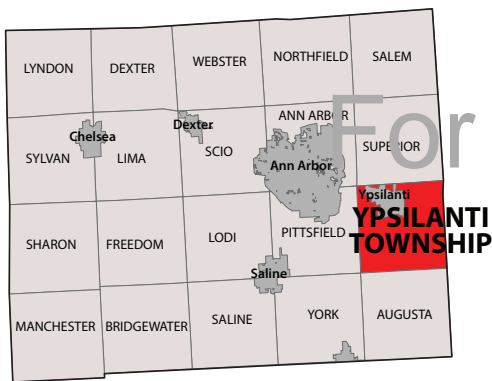
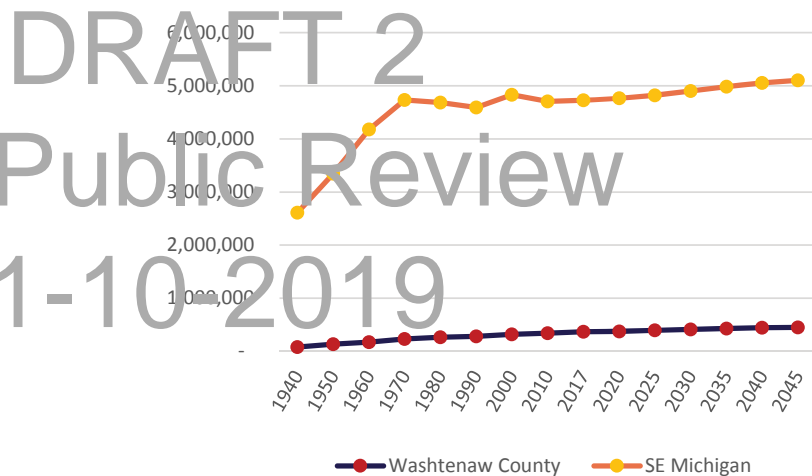


FIGURE 2: Washtenaw County



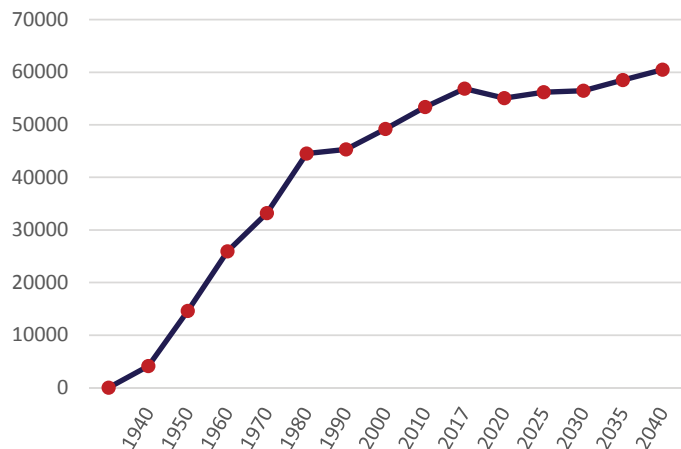
SOURCE: SEMCOG, US Census Bureau

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FIGURE 3: SEMCOG Region

FIGURE 5: Population Trends - Ypsilanti Township



SOURCE: SEMCOG, US Census Bureau

TABLE 1: Historical Population Data - Ypsilanti Township Region

### Population & Households

Ypsilanti Township, like Washtenaw County as a whole, has exhibited steady population growth through the years. Since 2000, the Township has experienced a 15.7% growth rate, climbing from 49,182 residents to 56,888 in 2017.

The Southeastern Michigan Council of Governments (SEMCOG) forecasts continued strong growth for the next three decades, with the population expected to reach over 61,000 residents by 2045. During that same period, the number of households is projected to increase from 20,194 to 25,607 occupied units, a 23% increase. Average household size, however, is projected to decrease from 2.49 in 2010 to 2.39 in 2045.

This trend towards smaller households is a natural result of populations aging in place. As the households grow older, household sizes naturally decrease. Average household sizes have dropped across the country, from 2.62 to 2.53 from 2000 to 2016. Michigan has experienced a larger drop, from 2.75 to 2.52, with local communities following suit.

	1990	2000	2010	2017	% Change 2010-17
Ypsilanti Twp	45,307	49,182	53,362	56,888	15.7%
Ann Arbor Twp	3,463	4,385	4,067	4,368	-0.4%
Augusta Twp	4,415	4,813	6,745	6,756	40.4%
Canton Twp	57,040	76,366	90,173	93,791	22.8%
Pittsfield Twp	17,650	30,167	34,663	39,730	31.7%
Sumpter Twp	10,891	11,856	9,549	8,107	-31.6%
Superior Twp	8,720	10,740	13,058	13,324	24.1%
Van Buren Twp	21,010	23,559	28,821	29,595	25.6%
York Twp	6,225	7,392	8,708	8,877	20.1%
Ypsilanti	24,846	22,237	19,435	21,091	-5.2%
Ann Arbor	109,608	114,024	113,934	122,011	7.0%
Belleville	3,270	3,997	3,991	4,037	1.0%
Washtenaw Cty	282,937	322,770	344,791	367,474	13.9%
SE Michigan	4,590,468	4,833,368	4,704,809	4,729,802	-2.1%

SOURCE: SEMCOG, US Census Bureau

TABLE 2: Population Projections - Ypsilanti Township Region

	2010	SEMCOG estimate 2017	SEMCOG estimate 2045	# Change 2017 - 45	% Change 2017 - 45
Ypsilanti Twp	53,362	53,888	61,233	4,345	7.6%
Ann Arbor Twp	4,067	4,368	8,625	4,257	97.5%
Augusta Twp	6,745	6,756	12,207	5,451	80.7%
Canton Twp	90,173	93,791	114,119	20,328	21.7%
Pittsfield Twp	34,663	39,730	56,331	16,601	41.8%
Sumpter Twp	9,549	8,107	8,641	534	6.6%
Superior Twp	13,058	13,324	19,598	6,274	47.1%
Van Buren Twp	28,821	29,595	35,966	6,371	21.5%
York Twp	8,708	8,877	17,334	8,457	95.3%
Ypsilanti	19,435	21,091	23,105	2,014	9.5%
Ann Arbor	113,934	122,011	132,325	10,314	8.5%
Belleville	3,991	4,037	3,787	(250)	-6.2%
Washtenaw Cty	344,791	367,474	452,791	85,317	23.2%
SE Michigan	4,704,809	4,729,802	5,104,922	375,120	7.9%

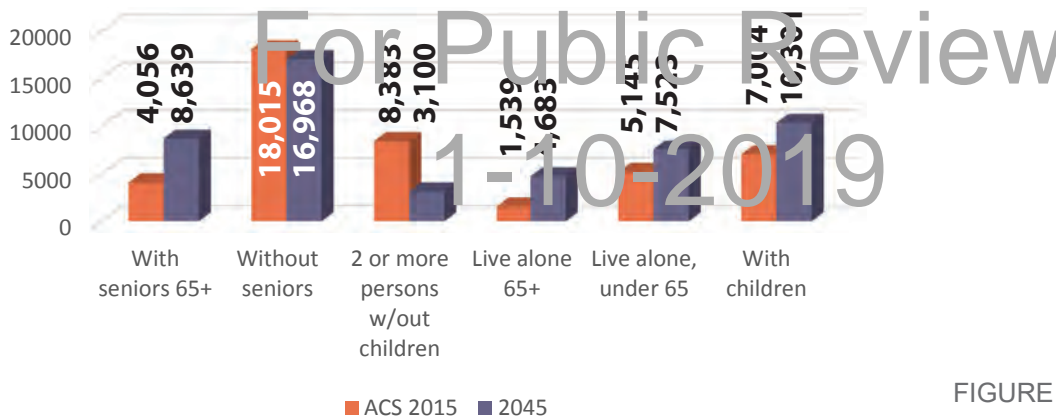
SOURCE: SEMCOG, US Census Bureau

## Children & Seniors

Based on SEMCOG’s population forecast, the proportion of children compared to the total population in the Township will decrease while seniors will increase. In 2015, children under age 20 made up almost 24% of the total population in Ypsilanti Township, while the number of people 65 years and older was just over 10%. By 2045, SEMCOG projections indicate that both the number of children will decrease by 278, with this age group representing 21% of the 2045 population. On the other hand, the number of people 65 years and older will increase by 9,640, with this age group representing over 17% of the 2040 population. This would almost completely reverse the proportion of children and seniors in the Township.

This aging trend is consistent with those seen in other communities across Michigan and the United States. Michigan’s median increased from 35.5 to 38.9 years, while the US increased from 35.3 to 37.2 years. An aging population has significant implications for recreation planning. As seniors look to “age in place”, they look for new programs and facilities which meet their needs. As Ypsilanti Township works to develop their recreation portfolio, they will need to carefully address the demands of an aging population while still working to attract young families to the area.

FIGURE 6: Household Characteristics - 2015 & 2045

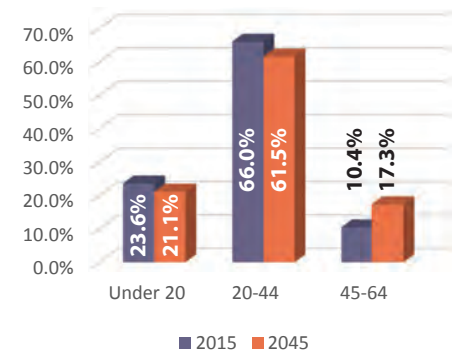


SOURCE: SEMCOG, ACS

## Diversity

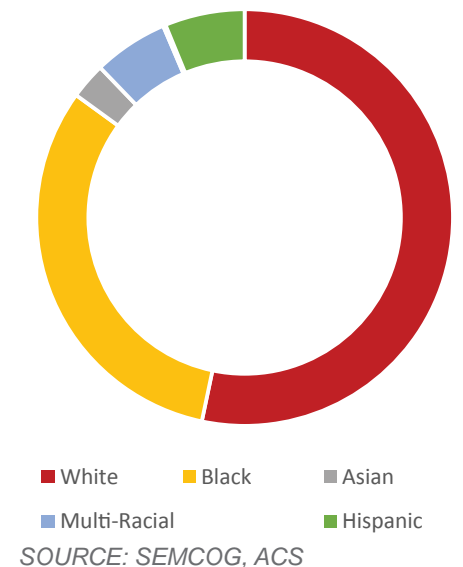
Ypsilanti Township contains one of the most diverse population bases in southeast Michigan. In 2014, USA Today introduced the concept of a “diversity index”. The paper used Census data to develop an index that would indicate the chance that any two random people in a community have a different by race or ethnicity. The higher the score, the more diverse a community is. With a diversity index of 57.7, the Township ranks as the sixth most diverse community in the SEMCOG region, behind only Pontiac (67.9), Ecorse (66.0), River Rouge (64.2), Hamtramck (63.6), and Superior Township (58.0) (Detroit Free Press, 10/24/2014). From 2010 to 2015, the Township became somewhat more diverse, with the majority white and black populations decreasing by 3.6%, while persons from Asian, multi-racial, or Hispanic backgrounds increased by 4.1%.

FIGURE 7: Household Age Group Percentages - 2015 & 2045



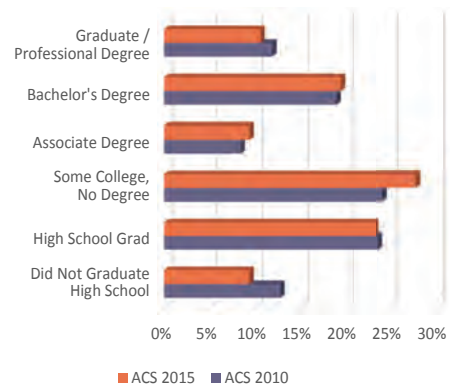
SOURCE: SEMCOG, ACS

FIGURE 8: Ethnic Breakdown 2015



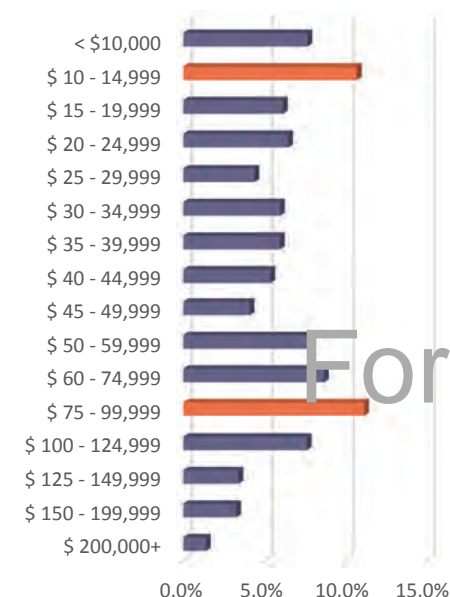
SOURCE: SEMCOG, ACS

FIGURE 9: Educational Achievement



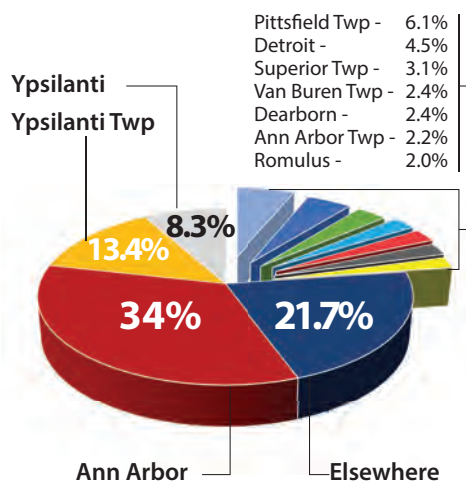
SOURCE: SEMCOG, ACS

FIGURE 10: Household Income



SOURCE: SEMCOG, ACS

FIGURE 11: Work Places



SOURCE: SEMCOG, US Census Bureau

## Educational Achievement

The educational background for Township residents is mixed. 39.5% of residents have an Associate Degree or higher, which is significantly lower than Washtenaw County (59.6%), but is similar to levels reported by the SEMCOG region as a whole (39.1%). From 2010 to 2015, the percentage of individuals receiving an Associate or Bachelor's Degree increased by 1.5%, but those receiving Graduate or Professional degrees dropped by 1.3%. The percentage of residents who had completed some college courses but had not received a degree rose by 3.7% during this time period.

## Income

Income levels in Ypsilanti Township show stark contrasts between households. The two largest income groups by percentage are households making \$ 10 - 15,000, and those earning \$ 75 - 100,000 (see Figure 10). The median household income in 2015 in Ypsilanti Township was \$ 45,517, a 12.4% decrease from 2010. The per capita income amounted to \$ 24,717, down 6.1% from 2010. These income levels are somewhat lower than those reported for Washtenaw County (\$61,003 median household, \$34,738 per capita) and the SEMCOG region (\$57,594 household, \$29,132 per capita). The American Community Survey reports an increase in the number of persons living at or below the poverty level (from 15.6 to 16.2%) and a similar increase in the number of households living in poverty (from 18.1 to 18.5%).

## Employment

A significant amount of Ypsilanti Township workers (34%) commute to Ann Arbor to their jobs. The largest employment sectors in the Township are Leisure & Hospitality, Retail Trade, and Healthcare Services. The Manufacturing sector was strong in 2010 but is expected to decrease by over 30% in the next 30 years. Administrative, Support, & Waste Services is expected to grow dramatically by 2045, as is Professional and Technical Services. Ypsilanti Township is predicted to see an 18.5% increase in jobs across all categories over the next 30 years.

TABLE 3: Forecasted Jobs By Industry Sector

	2015	SEMCOG estimate 2045	% Change
Natural Resources, Mining, & Construction	845	933	10.40%
Manufacturing	1,519	1,032	-32.10%
Wholesale Trade	711	831	16.90%
Retail Trade	1,776	2,053	15.60%
Transportation, Warehousing, & Utilities	1,041	1,176	13%
Information & Financial Activities	1,630	1,982	21.60%
Professional/Tech Services & Corporate HQ	1,201	1,731	44.10%
Administrative, Support, & Waste Services	1,432	2,468	72.30%
Education Services	1,186	1,383	16.60%
Healthcare Services	1,676	2,235	33.40%
Leisure & Hospitality	2,132	2,420	13.50%
Other Services	1,231	1,184	-3.80%
Public Administration	291	326	12%

SOURCE: SEMCOG, US Census Bureau

## Ramification of Demographic Characteristics on Recreation

While Ypsilanti Township's diversity is a characteristic to be celebrated, it can make park planning a challenge. Household incomes can be dramatically different from neighborhood to neighborhood; a neighborhood park in one section of the Township may be the only access to outdoor activities for some residents, while in other areas, playground equipment is considered redundant to the structures they have in their own backyards. For some residents, a park is a pleasant place to spend a sunny afternoon, while for others a park is a crucial gathering point for their community. The Township's population is aging, but recreation options that are attractive to young families are needed to help the area grow.

In short, a "one size fits all" approach to park planning will not adequately address the recreation needs of a community as diverse as Ypsilanti Township. The Park Commission will need to work closely with community members to determine how individual parks are used and what kind of features residents are looking for to ensure the best possible park system for the Township.

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Image Source: WEMU

## Housing Characteristics

Growth in the local housing stock dropped dramatically during the 2008 - 2010 recession. While Washtenaw County weathered the recession better than most Michigan counties, it was still affected. New housing construction came to a virtual standstill from 2008 through 2012. The number of housing units increased by 2,680 units between 2000 and 2010, most of which were built prior to 2006. An additional 188 units were added between 2010 and 2018.

New housing permits have steadily increased since 2010, with an average of 41.5 new units constructed per year during that time period. The vast majority of new construction has taken the form of single-family homes, with a number of new subdivisions on the south side of Ford Lake. Single family homes (58%) and multi-unit apartments (33.5%) account for the majority of housing stock in the Township.

51% of housing units in the Township are owner occupied, with 41% renter occupied. 8% of units were vacant in 2015, an increase of 25 units (1.2%). Ypsilanti Township saw an increase of 664 housing units from 2010 to 2015, reaching 24,111 in total. The median home value dropped 31.2% from 2010 to 2015, falling from \$163,913 to \$112,700, but had rebounded to \$122,400 by 2016. Median gross rent saw similar trends, dropping from \$842 to \$832 per month (1.2%), but jumping to \$860 in 2016.

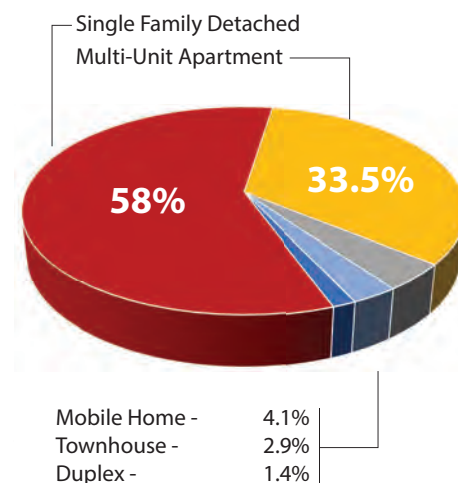
## Land Use Patterns and Development Trends

The pattern of development for Ypsilanti Township area reflects a mix of the industrial history of the Detroit metropolitan region and the Township's agricultural heritage. The region's auto-centric development patterns heavily influence the area, with I-94 forming a simultaneous link to downtown Detroit and a barrier between the two halves of the Township.

Highways act as the primary connectors to the Township. I-94 runs just north of Ford Lake, forming the southern boundary for the City of Ypsilanti. US-12 runs from the parallels I-94 before splitting north to connect to the Willow Run Airport. Ecorse Road and Michigan Avenue are the main east-west surface streets and form the largest commercial corridors for the Township. Industrial uses are clustered primarily on the east side of the Township, notably adjacent to Willow Run Airport. This area is slated to become the American Center for Mobility (ACM), a facility that will be dedicated to testing and research of autonomous vehicles.

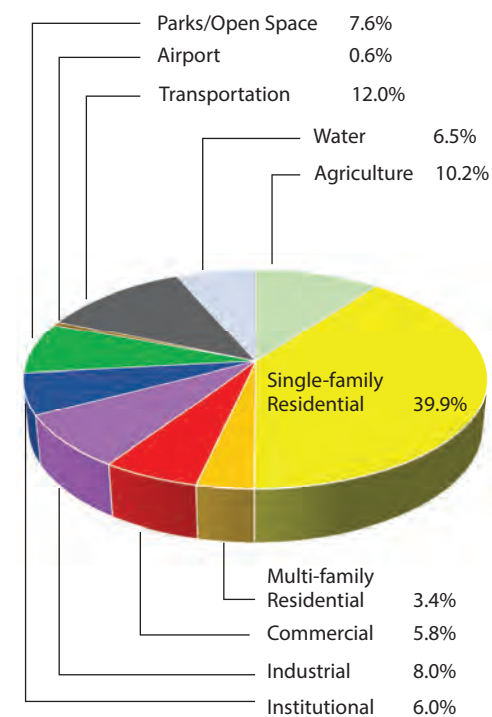
Single-family residential represents the largest land use category in the Township at roughly 40%. Parks and Open Space make up nearly 8% of the Township's total area, while water takes up another 6.5%. The second largest non-transportation related use is agricultural. Located in the southern half of the Township, agricultural land use faces significant pressure from subdivision development, and there is a significant risk of losing a number of historic, small scale farms as housing expansion continues. Ypsilanti Township should consider partnering with a land authority or other environmental advocacy group to retain and lease farm properties to help retain open space without further encumbering the Parks and Recreation Department with more land.

FIGURE 12: Housing Types



SOURCE: SEMCOG, US Census Bureau

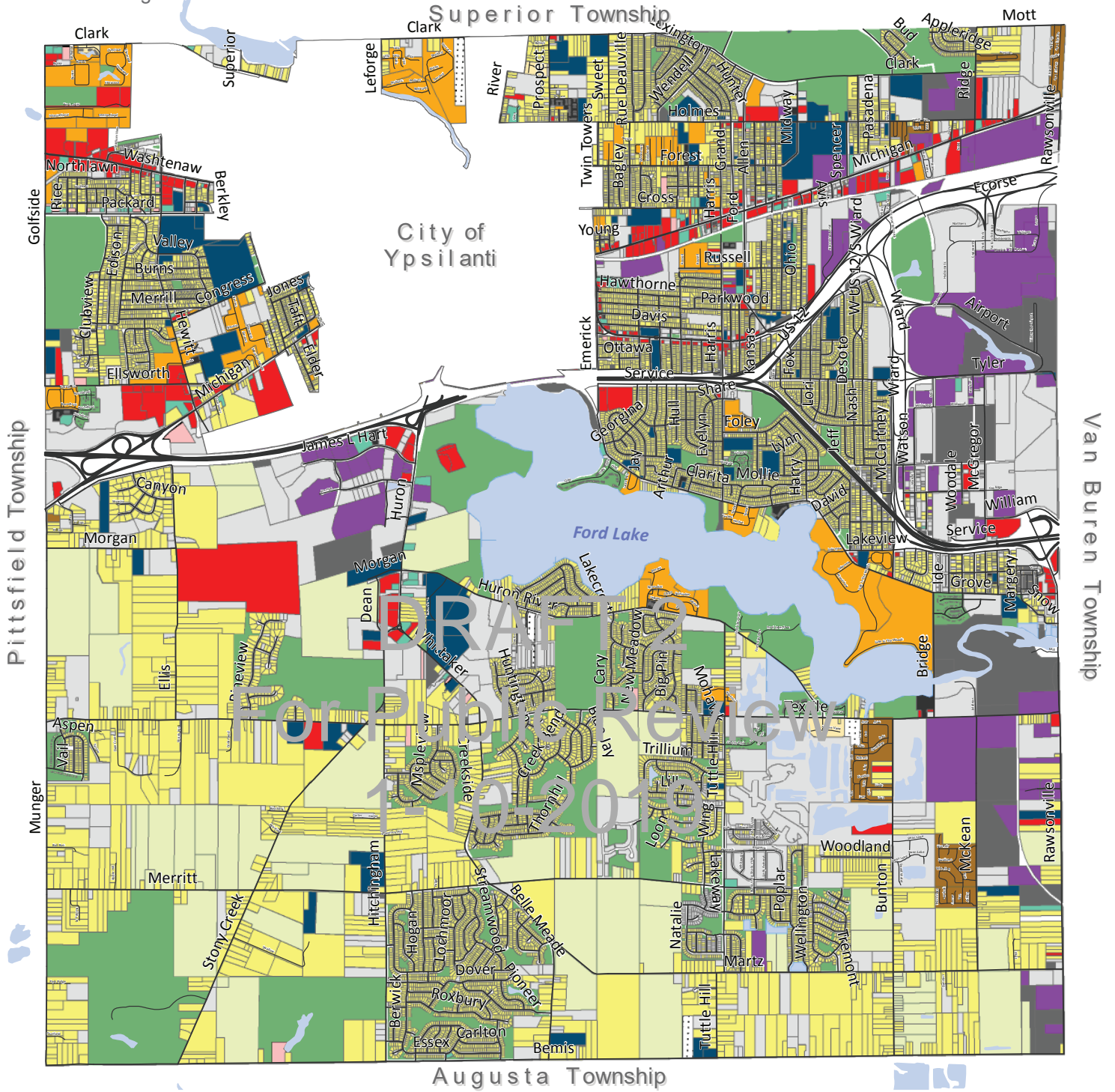
FIGURE 13: Existing Land Use %



















SOURCE: SEMCOG, US Census Bureau



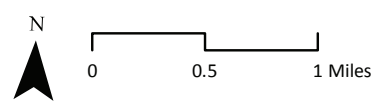
MAP 1: Existing Land Use



- |   |  |   |            |
|---|--|---|------------|
|  | Parks, Recreation, and Open Space      |  | Office     |
|  | Agricultural                           |  | Medical    |
|  | Single-Family Housing                  |  | Commercial |
|  | Attached Condo Housing                 |  | Industrial |
|  | Multiple-Family Housing                |  | Cemetery   |
|  | Mobile Home Park                       |  | Parking    |
|  | Institutional                          |  | Vacant     |
|  | Transportation, Communication, Utility |  | Water      |

**EXISTING LAND USE**

Ypsilanti Township, Washtenaw County



## Natural Features

Relatively little of Ypsilanti Township's natural areas remains untouched. The Township's park system acts as a crucial link to the outdoors, providing some of the only opportunities residents have to reconnect to nature. The following sections highlight some of the natural features that have shaped and defined the Township.

## Geology, Topography, and Soils

Like much of Michigan's southern Lower Peninsula, the Ypsilanti Township's landscape was formed through glacial action. The movement of the glaciers shaped the topography and created many different types of soils. Plant communities, in turn, developed in response to soil conditions.

The glacial geology of the area resulted in topography that is nearly level across much of the community. Notable exceptions include the bluffs along Ford Lake, where the terrain falls 40 feet in places to the lake/river edge. Generally speaking, the terrain slopes south-southwest from a high point around 800 feet in the northwest corner to 650 feet near South Hydro Park.

The USDA Natural Resources Conservation Service provides soil suitability ratings for development projects. The Service considers most of the Township's soils suitable for path, playground, and picnic facility development, with exceptions near local waterways. Where development options are described as "somewhat" or "very limited", the primary concern is flooding, ponding, and depth to saturation zone concerns. Notable areas of potential concern include the Huron River/Ford Lake corridor, the Paint Creek and Partridge Creek corridors, Washtenaw Sportsmen's Club/Pineood area, and the Schooner Cove district.

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## Climate

Ypsilanti Township receives an average annual rainfall of 39 inches, and 49 inches of snow. The area enjoys 178 sunny days each year, and 82 days with measurable precipitation. The average high temperature found in July is 83 degrees Fahrenheit, and average low in January is 17 degrees.

According to the Michigan Environmental Council, climate change may have a major impact on the state. Temperatures are expected to grow warmer, and precipitation is forecasted to increase. The majority of the rains will occur in the spring months, with prolonged drought periods likely in summer months. Rain events will be “flashy” with heavy downpours, and storm events will grow more severe. The Great Lakes, which act to moderate temperature extremes across the state, could face a significant decrease in water volume, further destabilizing weather events in the region.

## Water Resources

Water makes up the fourth largest land use category in the Township with 6.5% of total acreage. Ford Lake represents the vast majority of the category. The Huron River/Ford Lake and its system of creeks and drains are key natural resources in Ypsilanti Township. While this system contains some drains managed under the authority of the Washtenaw County Water Resources Commissioner, many tributaries have over time reverted to more natural channels and slopes and now exhibit dense riparian vegetation. In addition to Ford Lake, some other notable water features include Point Creek, which travels from the western edge of the Township just north of I-94 to the southern boundary between Tuttle Hill and Whitaker Roads, and Willow Run, which passes through the industrial area bearing its name before emptying into Ford Lake.



IMAGE SOURCE: MLive

Parks and Recreation has a strong presence on Ford Lake; of the lake's nearly 11 miles of shoreline, over 40% (roughly 4.6 miles) is park property. The lake is a tremendous asset to the Township, and Parks and Recreation should continue to look for ways to provide better resident access.

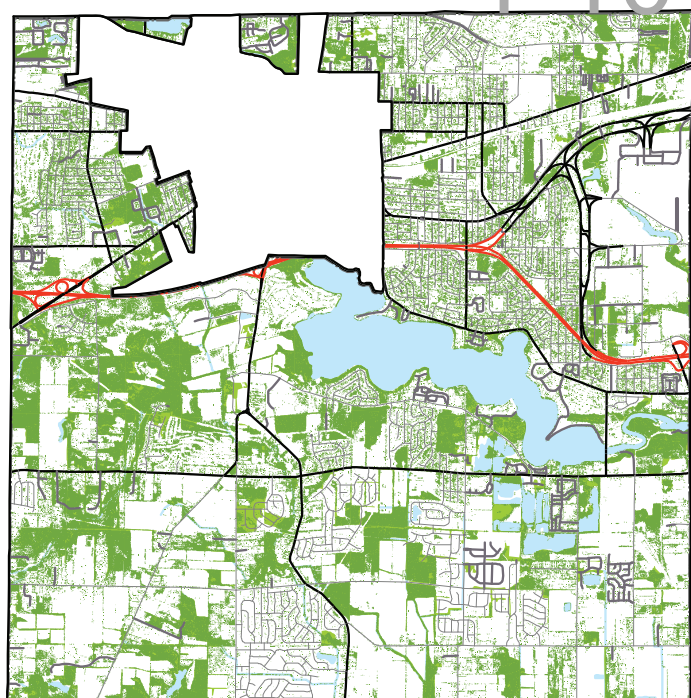
The Huron River is designated a Natural River under Michigan's Public Act 451 of 1994. The Huron River has become an important recreation destination, with canoeing, kayaking, and tubing becoming wildly popular. Several liveries have opened along the river's banks in neighboring communities. Fishing is similarly popular as anglers try to land bullhead, carp, catfish, crappie, northern pike, smallmouth bass, and a variety of other species.

The Township also contains a few small lakes, ponds, and wetlands scattered across Township. There is also a series of large gravel pits near the southeast corner of Ford Lake which are currently inaccessible to the public. The Township's water bodies, both natural and man-made, provide a number of ecosystem services, including scenic and recreational opportunities.

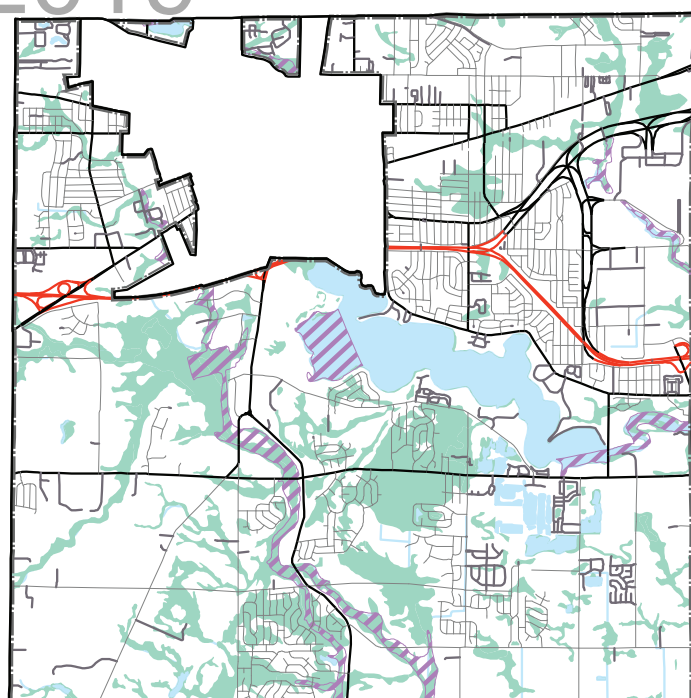
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MAPS 2a & 2b: Natural Features

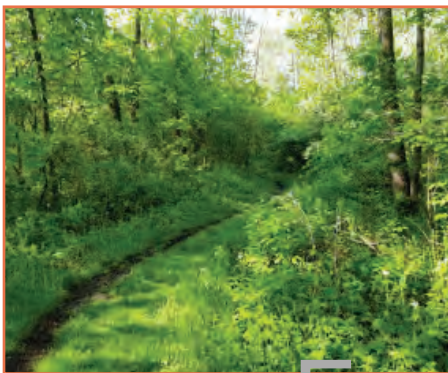
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Tree Cover / Forests



Wetlands  
Flood Plains



## Wetlands

Wetlands are an important, though commonly overlooked, natural resource that provide both aesthetic and functional benefits. Wetlands serve as habitat for a wide variety of flora and fauna; for example, over 60 species of birds frequent the wetlands along the Huron River. Wetlands also provide critical stormwater management mitigation functions. They act as giant sponges, retaining, slowing, and cleaning stormwater runoff from impervious surfaces, and helping to minimize the effects of large storm events.

Through the years, over 70% of Michigan's wetlands have been destroyed by development and agricultural activities. The Goemaere-Anderson Wetland Protection Act (Michigan Public Act 203 of 1979) authorizes the Michigan Department of Natural Resources (MDNR) to preserve certain wetland areas. MDNR requires permits before altering regulated wetlands and may prohibit development in some locations.

MDNR defines wetlands as "land characterized by the presence of water at a frequency and duration sufficient to support, and under normal circumstances does support, wetland vegetation or aquatic life and is commonly referred to as a bog, swamp, or marsh." It includes inland lakes, ponds, rivers, or streams more than five acres in size. The MDNR may afford protection to smaller wetland areas if it is determined that, "...the protection of the area is essential to the preservation of the natural resources of the state from pollution, impairment, or destruction"

In Ypsilanti Township, the majority of wetlands are identified as freshwater forested/shrub wetlands by the United States Fish and Wildlife Service National Wetland Inventory. Significant wetlands are located in the southern side of the township in the Pinewood/Sherman Oaks area, roughly bordered by Ellis, Textile, Huron, and I-94. They are also seen generally following the Paint Creek corridor and other connecting drains and streams. Freshwater emergent wetlands, also known as palustrine marshes, fen, swale and wet meadows, tend to contain more herbaceous species and are less common. Ypsilanti Township's wetlands are exhibited in Maps 2a & 2b.

## Floodplains

Generally, floodplains identified within Ypsilanti Township are associated with Paint Creek, portions of Willow Run, the Huron River corridor, and a small portion of Bull Run in section 30. They are designated by the Federal Emergency Management Agency (FEMA), with the 100-year floodplain generally recognized as unsuitable for development and fill activities. In order to minimize the risk of future flooding damage and increased flooding downstream from these tributaries, development within this 100-year floodplain areas is regulated.



IMAGE SOURCE: Second Wave Media

## Woodlands

Large wooded areas are uncommon, and the areas that remain tend to be broken up by suburban development. The northern half of the Township demonstrates a fairly strong urban canopy, but contiguous wooded areas are limited to a few private properties in the northeast corner. The southern side of the Township is more heavily forested, with a few notable wooded areas along the western edge, south of I-94, and along the southern border of Ford Lake. Much of these wooded areas exist in association with wetlands that remained intact because those land areas held little agricultural value. Township parks protect some of the highest quality sites remaining in the Township. Hewen's Creek Park, in particular, provides exceptional wetland and forested habitat.



## Farmland

Few active farmlands are found in Ypsilanti Township, and those that remain are clustered in the southern portion of the community. The remaining agricultural properties generally fall within the 15 to 40-acre range, which limit the farmers' ability to produce commodity crops like corn or soybeans. Instead, farmers in the Township harvest small scale specialty crops, including fruits and vegetables which require a more significant time investment.

In recent years, some areas of farmland have been converted to residential uses, and the remaining areas are zoned for single-family residential development. These farms have historic value, with several having been in operation since the late 1800s. While the farms do not offer direct recreational benefits for the community, they do act as open space, provide stormwater management functions, and offer some relief from urban stressors.

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## Review of State Regulations

There are several state acts and programs that regulate various aspects of development in and around natural features, which are summarized in the following:

- Goemaere-Anderson Wetland Protection Act, PA 203 of 1979, regulates filling, dredging, and construction in wetlands over five acres, contiguous to a lake or stream, or considered to be ecologically important. Activity in areas determined to be wetlands require MDNR permits or may be prohibited
- Soil Erosion and Sedimentation Control Act, PA 347 of 1972, regulates modification to the terrain within 500 feet of a lake or stream. The MDNR reviews requests to determine if a permit is required.
- Inland Lakes and Streams Act, PA 346 of 1972, regulates dredging, culverts, dock construction, and other activities. A permit for these activities must be received from the MDNR.
- Michigan Environmental Protection Act, PA 127 of 1970, is intended to prohibit pollution and activities that endanger lakes, streams, and wetlands. The act allows individual and organizations to take their concerns about protecting the environment to court. Michigan courts have ruled that this act should be considered when making land use and zoning decisions.
- National Pollutant Discharge Elimination System (NPDES) gives MDNR the authority to regulate the discharge of wastes from point sources, such as pipes draining into a pond. However, non-point sources such as fertilizers, septic system leakage, etc., are not strictly regulated.

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## Related Planning Initiatives

### Ypsilanti Township Comprehensive Master Plan & Non-motorized Plan

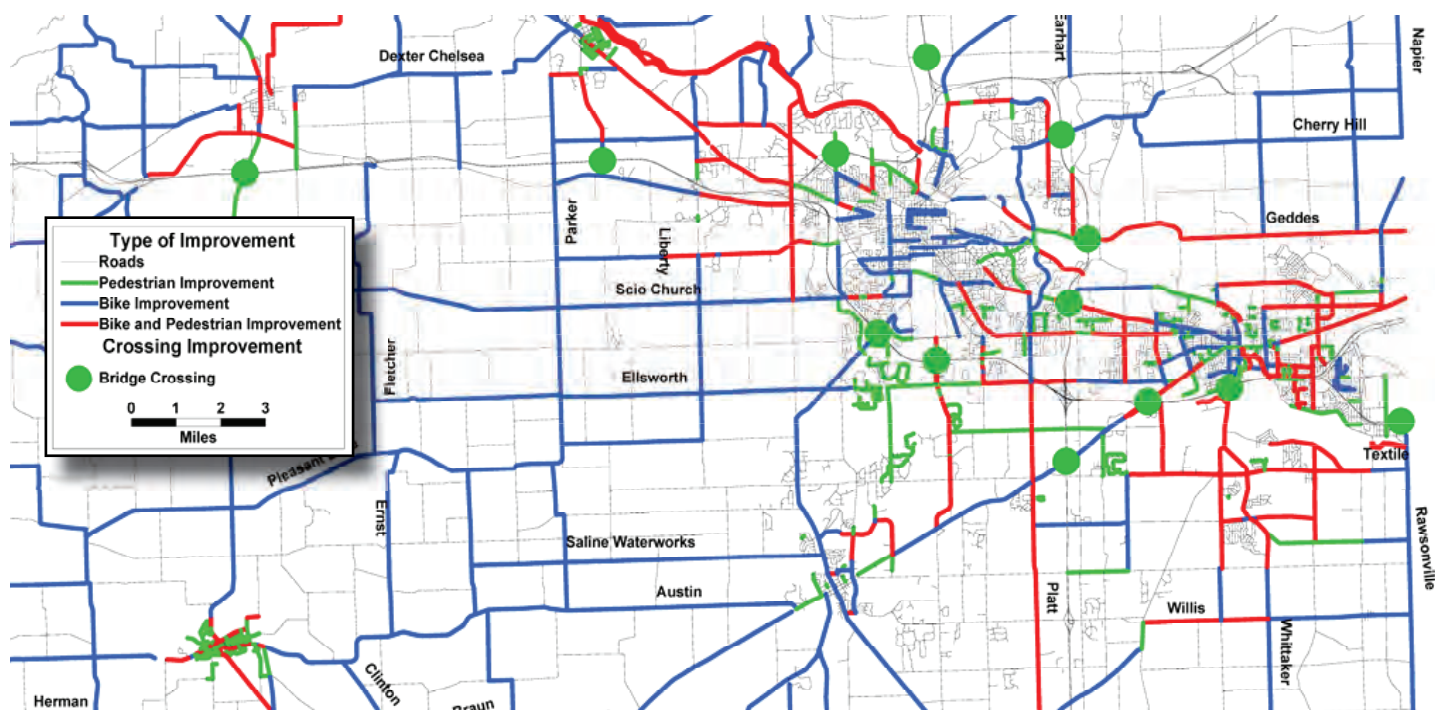
Ypsilanti Township is developing a new Comprehensive Master Plan and a Non-motorized Plan concurrently with the 2019 Recreation Plan. While these plans will not be available until after the Recreation Plan is completed, the data being gathered as part of the planning process has been invaluable for this Recreation Plan. The Township established a website to collect input from Township residents on a variety of topics, and held a series of meetings with Township officials and interested parties. Of particular interest was a four-day long charrette held in October of 2018. During the charrette, participants expressed an appreciation for the area parks, noting that they provide much needed access to open space. Access to water was viewed as lacking, with some residents expressing a desire for boat rentals or other amenities on Ford Lake. Trail development was frequent topic of discussion; charrette participants noted frustration with existing trail routes. While the Border-to-Border Trail was appreciated, many noted that it was not easily accessible by residents from the southern portion of the Township. Connections over I-94 at Huron Street was a particular problem for many residents, a viewpoint that was echoed in the Recreation Plan Open House. Formal comments received as part of the Comprehensive Plan Charrette are included in Appendix F.

### Washtenaw Area Transportation Study

The Washtenaw Area Transportation Study (WATS) developed a county-wide non-motorized transportation plan for Washtenaw County in 2006. The 2006 plan focused on facility inventory and future investments. The plan includes an inventory of existing walking and bicycling facilities and identifies non-motorized transportation deficiencies across the County. WATS identified approximately 75 miles of roadways that warranted bicycle or pedestrian improvements in Ypsilanti Township. The deficiencies were identified for only the major transportation corridors using the National Functional Classification (NFC) System as well as a set of policy guidelines.

A revised WATS plan is under development in 2018. The new plan will focus on identification of primary and secondary countywide transportation commuting corridors. While the 2018 plan will not be available for review prior to completion of the Recreation Plan, it will be referenced in the Non-Motorized Transportation Plan.

FIGURE 14: WATS Proposed Pedestrian & Bicycle Infrastructure (2006)





**SEMCOG 2040 Regional Transportation Plan for Southeast Michigan /  
2014 Bicycle and Pedestrian Travel Plan for Southeast Michigan**

The 2040 Regional Transportation Plan is a joint effort between Southeast Michigan Council of Governments (SEMCOG) and the Michigan Department of Transportation (MDOT). The plan provides recommendations for bicycle and pedestrian facilities across 10 regions and incorporating 60 different action items. SEMCOG's larger regional focus places more emphasis on existing non-motorized transportation options, and details several larger trail efforts that overlap efforts in the DLGI plan.

SEMCOG's 2014 Bicycle and Pedestrian Travel Plan highlights two primary regional corridors crossing the Township; the Border-to-Border Trail (B2B) and the US-12/ Michigan Avenue corridor. The B2B already acts as an important connector to the Cities of Ypsilanti and Ann Arbor, and a dedicated non-motorized connection along Michigan Avenue could serve a similar role for Saline and Detroit. The plan also identifies a number of existing secondary routes, including Whittaker Road/Huron Street, Huron River Drive, Hitchingham Road, and Wiard Road among others. These proposed routes are consistent with routes suggested by residents during the planning process, and will be incorporated in Ypsilanti Township Non-Motorized Plan.

FIGURE 15a: SEMCOG Regional Non-motorized Corridors & Gaps Detail

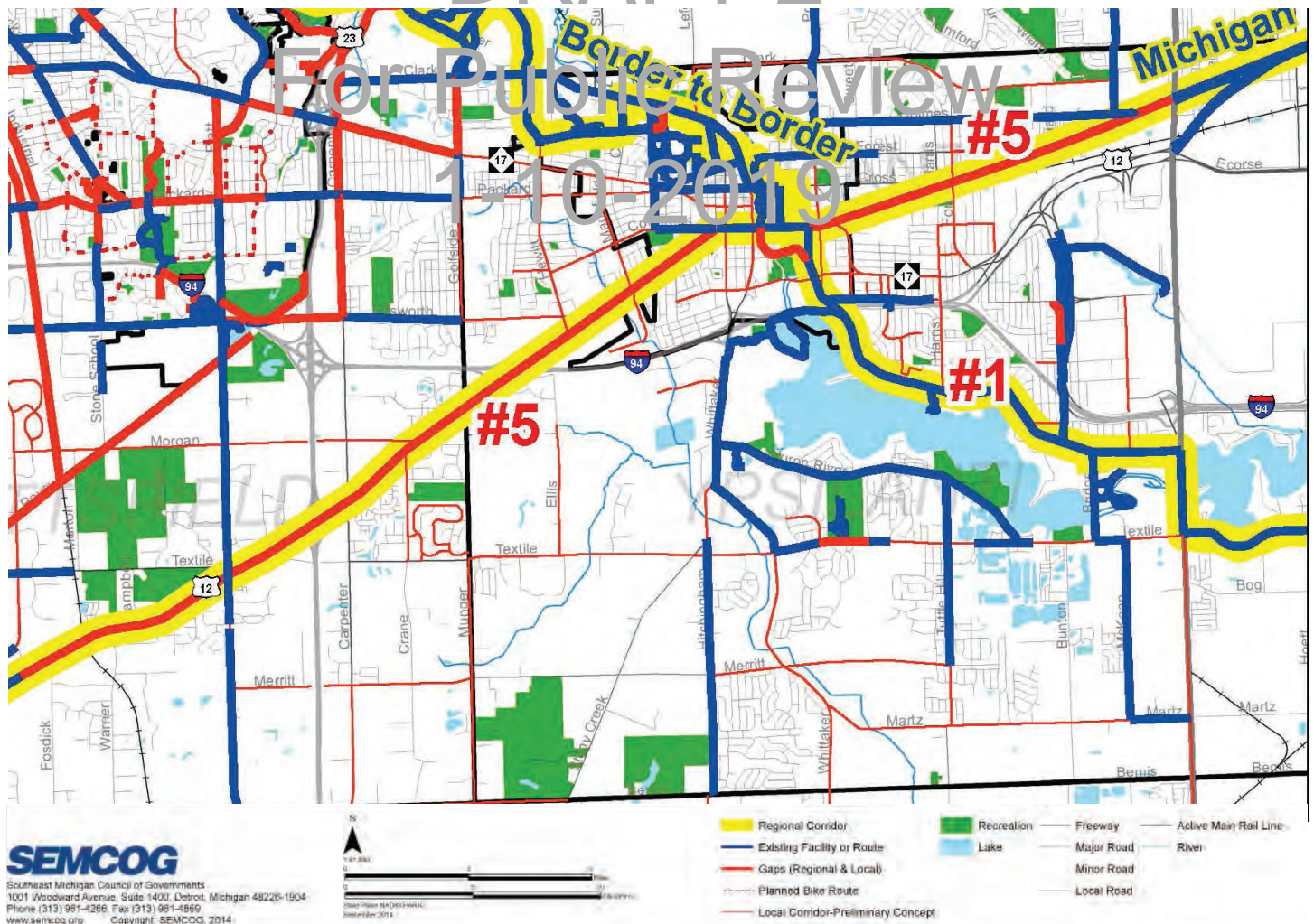
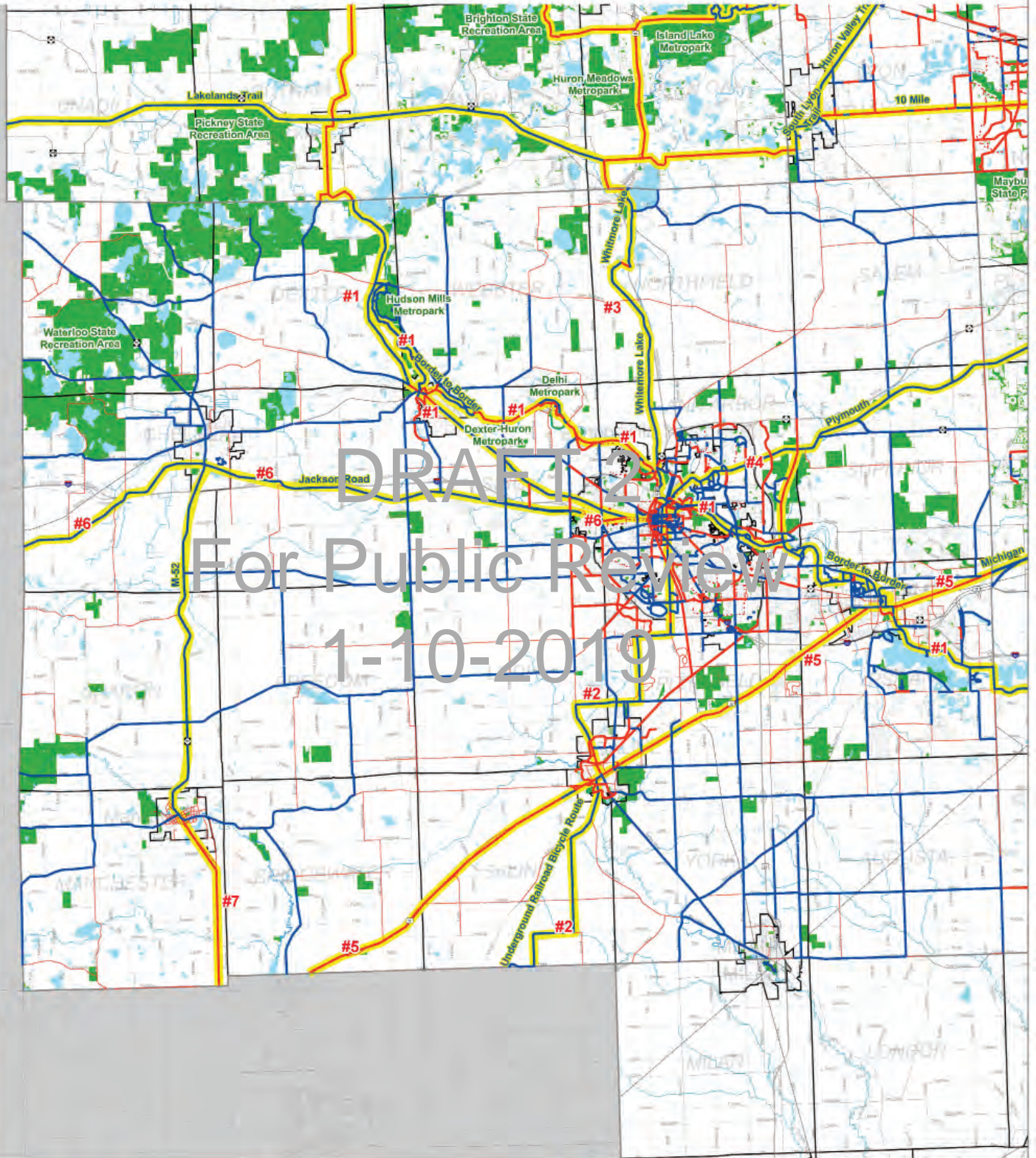


FIGURE 15b: SEMCOG Regional Non-motorized Corridors & Gaps

# Regional Nonmotorized Corridors & Gaps Washtenaw County



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- Regional Corridor
- Existing Facility or Route
- Gaps (Regional & Local)
- - - - Planned Bike Route
- Local Corridor-Preliminary Concept
- Recreation
- Lake
- Freeway
- Major Road
- Minor Road
- Local Road
- Active Main Rail Line
- River

## **2004 Washtenaw County Comprehensive Plan**

Washtenaw County identified a clear and compelling vision for its future and developed a comprehensive set of goals and actions to reach that vision. One such goal is to provide adequate and accessible parks and recreation for all County residents and to develop a regional open space system and county-wide greenway and trail system that preserve important natural features and provide non-motorized transportation opportunities.

The objectives and recommendations set to achieve this goal include:

- Encourage the provision of parks and recreational opportunities in close proximity to County residents
- Leverage the resources of parks and recreation providers in developing regional open space systems and a county-wide greenway and trail system
- Build off established natural resource protection programs, such as the County's Natural Areas Protection Program and local open space initiatives to preserve important natural resources

These goals and objectives correspond well with Mission Statement of the Ypsilanti Township Parks and Recreation Commission, and were used as a broad guideline for this Recreation Plan.

### **Washtenaw County Natural Areas Preservation Program**

Washtenaw County's Natural Areas Preservation Program (NAPP), a subunit of the Washtenaw County Parks and Recreation Commission, was established in 2000 by the Washtenaw County Board of Commissioners. The goal of the program is to identify, acquire, and manage properties which:

- Preserve the natural and ecological diversity of the County; and
- Complement existing publicly and privately protected lands.

Voters renewed the County-wide, ¼ mill. tax that funds the program in 2010, funding will be available through 2021. NAPP is managed by WCPRC, and frequently partners with other land preservation organizations. Since 2001, NAPP has acquired, owns conservation easements on, or has contributed money towards acquisition by conservation partners on a total of 7,460 acres.

NAPP currently does not own any properties in Ypsilanti Township due to the built-out nature of the community. As high quality natural properties become available, NAPP may be able to provide guidance on acquisition and development options. The Township may also want to consider a partnership with the NAPP to preserve important properties that face development pressures.

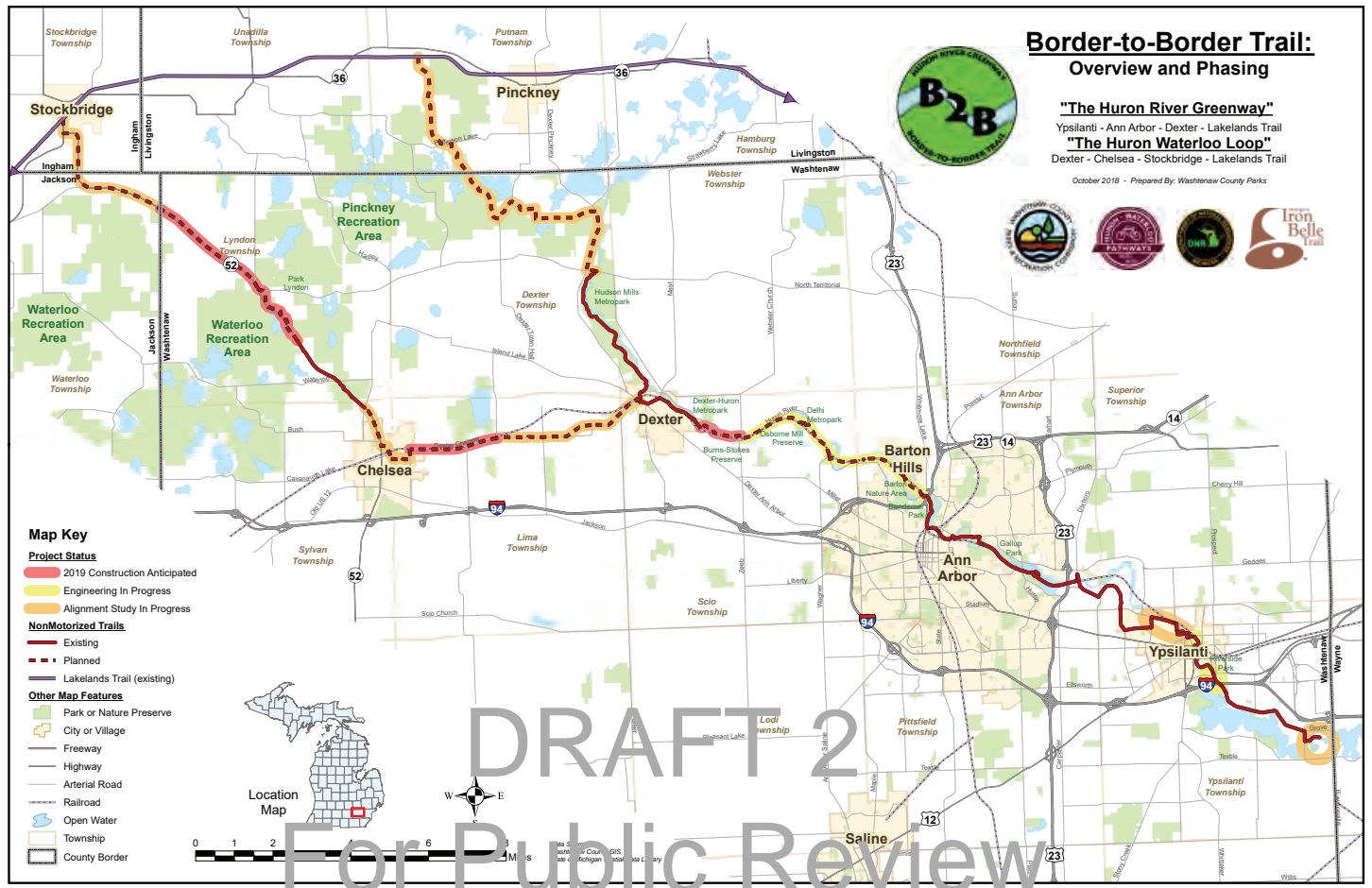
### **Washtenaw County Parks and Recreation Commission**

The Washtenaw County Parks and Recreation Commission (WCPRC) has made significant progress toward developing non-motorized transportation facilities in Washtenaw County. Their efforts have focused on the development of the Border-to-Border Trail (B2B) along the Huron River connecting the cities of Ann Arbor and Ypsilanti, and as such they have become an important partner in recreation development in the Township.

When completed, the B2B will travel from the northwestern corner of Lyndon Township to the southeastern corner of Ypsilanti Township. For much of its length, the trail follows the Huron River and utilizes trails through several riverside parks, including the Waterloo and Pinckney Recreation Areas, the Mike Levine Lakelands Trail, the Hudson Mills, Dexter-Huron, and Delhi Metroparks, and several smaller municipal parks. It will connect the cities of Stockbridge, Pinckney, Chelsea, Dexter, Ann Arbor and Ypsilanti as well as Ingham, Livingston, and Van Buren Counties. The B2B is a key component of the Iron Belle Trail network (see page 28).

Beginning in 2009, the WCPRC established the "Connecting Communities" initiative, which provides funds to assist local communities in constructing non-motorized trails. The program made over \$3 million available for 15 projects in 10 different communities between 2010 and 2014. Additional funds were made available again in 2017 through the Washtenaw County 4-year road millage. The millage will expire in 2020 unless renewed by voters.

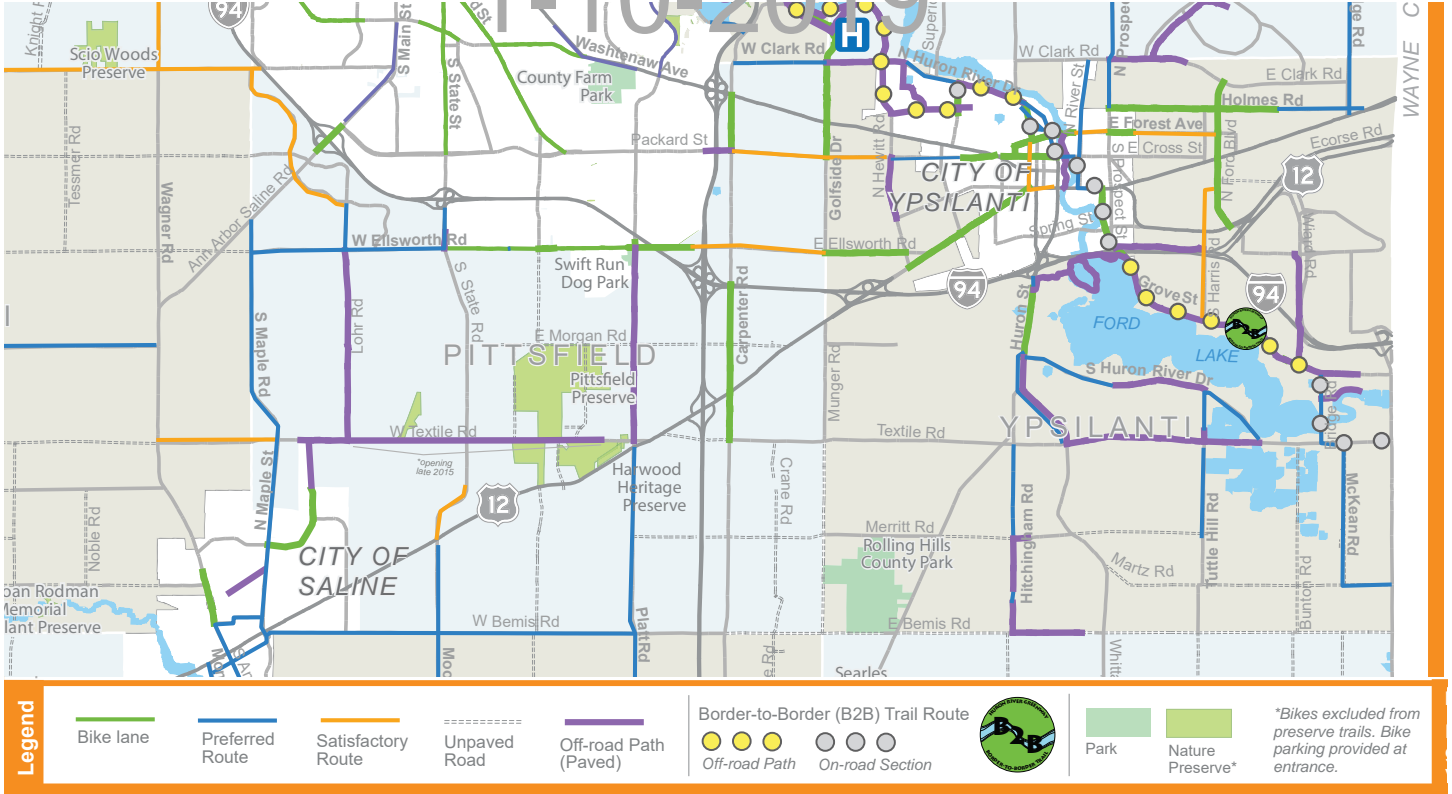
FIGURE 16: Border-to-Border Trail Overview Plan



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FIGURE 17: Washtenaw County Non-Motorized Trail Facilities

SOURCE: Washtenaw County Parks



SOURCE: Adapted from Washtenaw County Bike Map, Washtenaw County & City of Ann Arbor, 2015

FIGURES 18a & b: Iron Belle Trail Alignment



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FIGURE 19: North Country National Scenic Trail



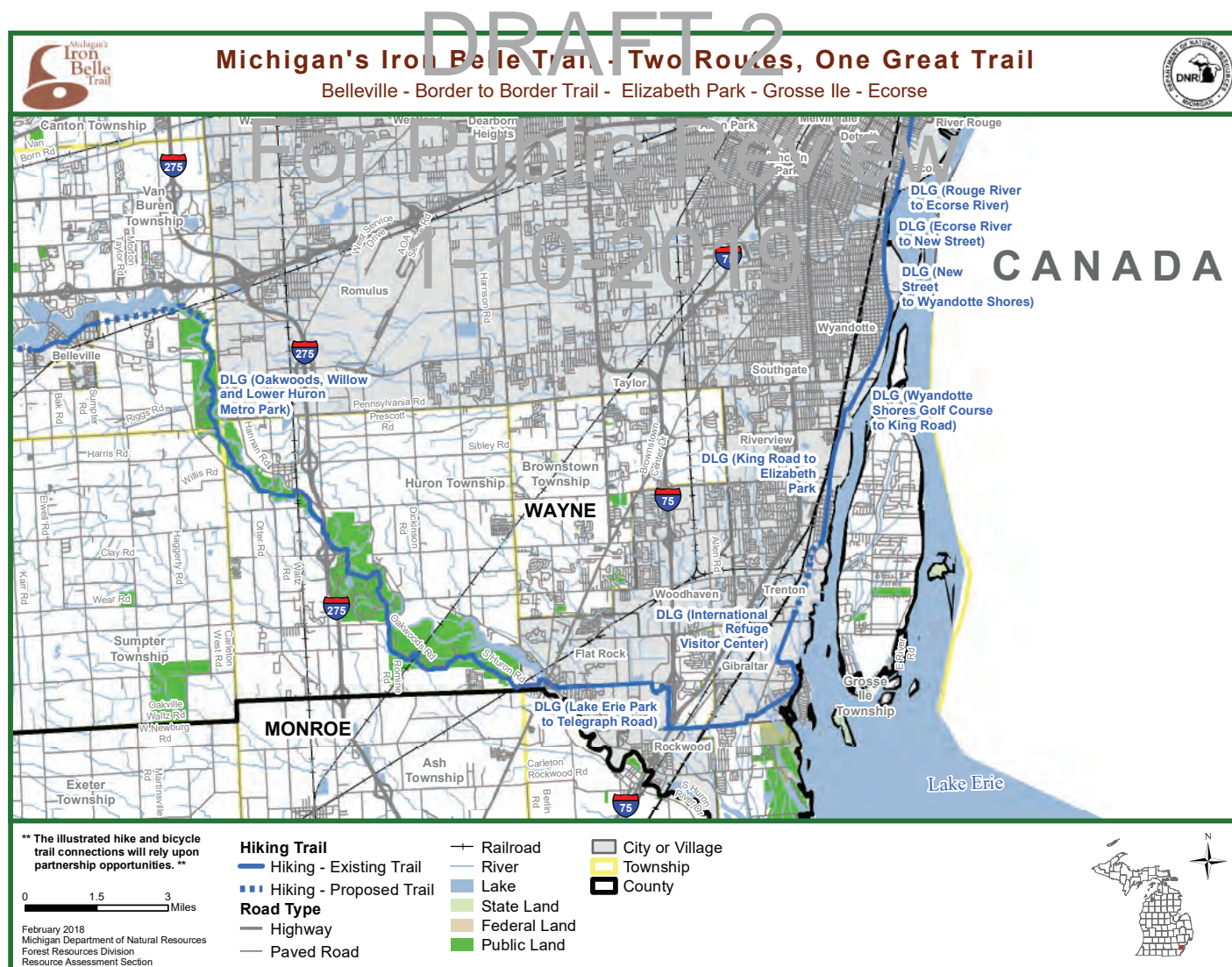
## State of Michigan Iron Belle Trail & North Country National Scenic Trail

The ambitious project by the Michigan Department of Natural Resources (MDNR) would connect a series of trails from Detroit's Belle Isle to Ironwood in the far west of the Upper Peninsula. The Iron Belle Trail (IBT) includes a 1,273 mile long hiking route which winds along the west side of the Lower Peninsula and borders Lake Superior in the Upper Peninsula. The 791 mile long biking trail uses existing multi-use trails on the east side of the state and follows US-2 in the Upper Peninsula. The IBT has had a tremendous impact on trail development in Michigan in recent years; since 2012, over \$68 million in grant and local funds and \$155 million in private donations have been collected. Over 200 miles of trails are scheduled to be completed in the next few years.

The IBT passes directly through Ypsilanti Township, taking advantage of the B2B route. Trail segments are operated and maintained by local communities and recreation authorities.

Once completed, the IBT will become the largest section of the even more ambitious North Country National Scenic Trail (NCNST) system, which will run from New Hampshire to North Dakota, making it one of the largest contiguous trail systems in the country. At approximately 4,600 miles, it is the longest of the eleven National Scenic Trails.

FIGURES 18a & b: Iron Belle Trail Alignment



**Underground Railroad Trail**

The Underground Railroad Bicycle Route runs from Mobile, Alabama north to Owen Sound, Ontario, Canada. The 2000+ mile route memorializes the routes used by freedom seekers looking to escape slavery in the south, with a number of important historical sites located along the way. The majority of the trail is on-road, utilizing bike lanes or wide shoulders.

FIGURE 20: Underground Railroad Trail Alignment



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## Michigan Blueways & Water Trails

The State of Michigan currently boasts of more than 3,000 miles of water trails along the Great Lakes and inland lakes and rivers. Like traditional land-based trails, water trails bring visitors to the community and offer recreational and educational opportunities for residents. By improving the overall quality of life for residents, these trails make the community more desirable place to live, work, and play.

The Huron River Water Trail offers some of the best kayaking and canoeing opportunities in the state of Michigan. Traveling over 104 miles, the trail provides challenges for users of all abilities and passes through a wide variety of environments. The river winds through State, County, and numerous municipal parks, as well as eight HCMA Metroparks.

Ypsilanti Township currently has boat / kayak launches at North Hydro, Ford Lake, and Lakeside Parks. The Lakeside Park launch is operated by and reserved for use by the Eastern Michigan Rowing crew. Providing additional launch points and rental opportunities in Township-owned parks would greatly increase the visibility of the community and could attract new visitors and residents to the Township.



FIGURES 21a & b: Huron River Water Trail





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# Administrative Structure





## Administrative Structure

The Township's park and recreation system and programs are governed and/or managed directly by three primary entities: Township Board of Trustees (Elected), Park Commission (Elected), and Township Administration (Hired). The current organizational structure of the parks and recreation program is shown in Figure 20.

### Board of Trustees

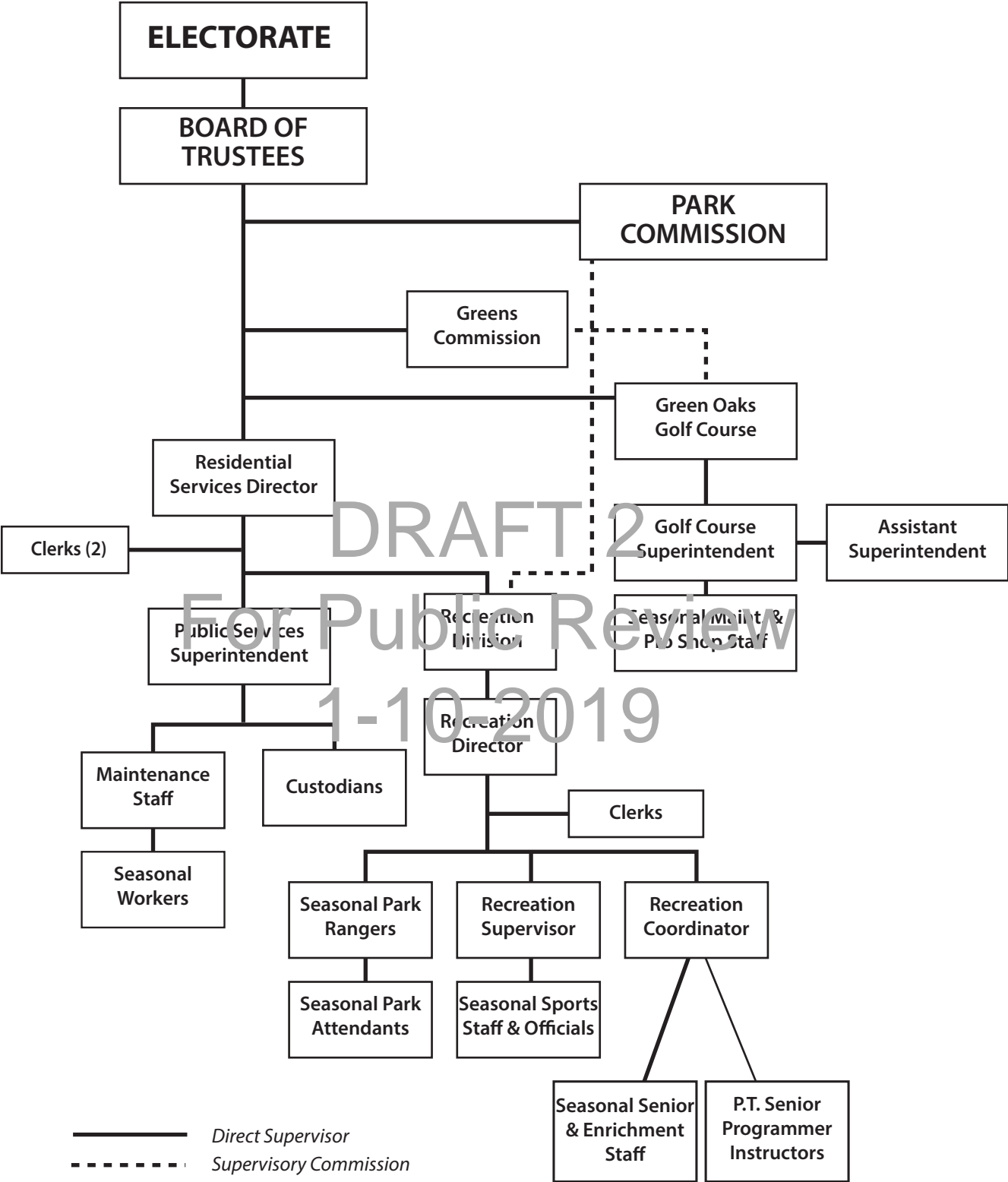
The Township Board of Trustees oversees the use of Annual Operating Budget allocations and Capital Improvement Funds for Ypsilanti Township parks. Although the Park Commission is an elected body with its own responsibilities, it depends on the approved budget of the Board of Trustees to accomplish its objectives. In addition, the Board of Trustees appoints the members who currently serve on the Greens Commission and the Water Conservation Advisory Commission. Lastly, the Board of Trustees approves the submission of grant applications as well as adopts the parks and recreation master plan.

### Park Commission

Ypsilanti Charter Township Park Commission represents Ypsilanti Township residents in all matters pertaining to Township parks. The Park Commission is involved in development of policy pertaining to parks, while the staff of the Township has the responsibility to administer the policies. The Park Commissioners have input in determining priorities for capital outlay related to parks. These priority decisions are made based on the Township's Parks and Recreation Five-Year Master Plan, which the Park Commission helps establish.

PA 157 of 1905, the enabling act for the creation of a Township Park Commission in Michigan, dictates the responsibilities of Park Commissions. Specifically, the scope of the Park Commission's advisory responsibilities includes the recommendation for parkland acquisition, development of parks, creation of park policies, maintenance of parks and associated facilities, solicitation of grants, donations, and general fund appropriations to enact their capital and operating program. The Recreation Director contributes her expertise, necessary guidance and background research to the Park Commission on these matters. The group meets monthly.

FIGURE 22: Parks & Recreation Administrative Structure



## Administration

### Residential Services Department

The Residential Services Department is responsible for all day to day operations pertaining to grounds, parks and recreational facilities, environmental services and building operations. The Parks and Grounds division and the Recreation Department are grouped together with the Building Operations Division and the Public Services Division under the direction of the Residential Services Director. The Parks and Grounds Division, under the management of the Public Services Superintendent, has the primary responsibility for park maintenance. This position also maintains public grounds throughout the township. The Recreation Division, under the management of the Recreation Director, is responsible for recreation programming, services, operation of the community center, staffing as well as the operation and planning of the parks and park facilities.

The **Residential Services Department** oversees four main Divisions related to community facility maintenance and programming. These divisions are Building Operations, Environmental Services, Parks and Grounds, and Recreation. The Parks and Ground Division and the Recreation Division are the two divisions within the Department that handle different aspects of parks and recreation in the township.

**Parks and Grounds:** Park facilities are cared for and maintained by the Parks and Grounds Division through the Public Services Superintendent who reports to the Residential Services Director. The parks division consists of two full-time staff, two building maintenance technicians, custodians and a large contingency of seasonal laborers working mid-March through mid-November. The Public Services Superintendent responds to the Park Commission and Residential Services Director in implementing capital improvements. The Public Services Superintendent and crew are responsible for park maintenance and repairs. The Parks and Grounds crew is also responsible for other maintenance tasks unrelated to parks such as public grounds and on occasion, roadside mowing on behalf of the county road commission.

The number of park properties and size of the parks presents a maintenance challenge for Parks and Grounds. At times, the two full-time staffers and their seasonal crew are spread extremely thin. They are able to accomplish basic necessary maintenance tasks and ensure the parks are in good condition. However, challenges arise when new park improvement projects are desired or more creative approaches are needed to fulfill a recreation need. Challenges also arise when other divisions within the Residential Services Department have unexpected projects requiring the assistance of the Parks and Ground Division employees. Currently, the parks and ground division maintains the Township's 27 parks with a total combined acreage of over 970 acres.

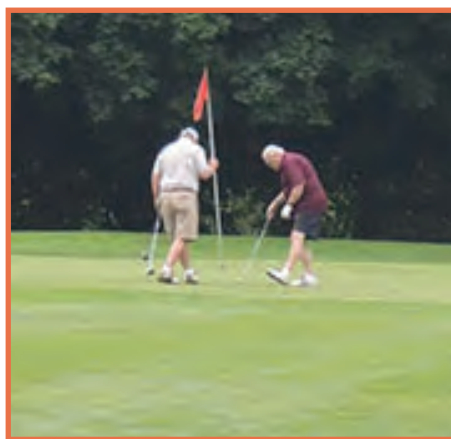
The location of maintenance operations and equipment are dispersed. The division primarily works out of the garage located by the Civic Center with some equipment located at Ford Lake Park. The division utilizes the maintenance garage at the Civic Center for vehicle and equipment maintenance. The township also utilizes the Ypsilanti Community Utility Authority (YCUA) facilities and staff to help maintain equipment. These facilities are conveniently and strategically placed based on the highest volume of activity and work effort.

**Recreation Division:** Recreation programs are run through the Township Recreation Division under the management of a Recreation Director. This department is directly responsive to the Residential Services Director. The Department also works with the elected Park Commission on park related issues and is the staff representative to the Park Commission. This division is more commonly referred to as the Recreation Department.

The Recreation Director oversees all aspects of programming, planning, budgeting, staffing and the maintenance of the community center. Working with, and reporting to, the Recreation Director is the Recreation Supervisor, the Senior Adult Program Coordinator, two clerks, two custodians, three building attendants, and a large contingent of part-time seasonal workers and volunteers. The Recreation Director also works on park maintenance, athletic field layout as well as other park improvements.

The Recreation Supervisor is responsible for youth and adult athletic, health, and fitness programs. Supporting the Recreation Supervisor are athletic program coordinators, instructors, sport officials, and volunteers. Finally, the Program Coordinator administers all senior citizen and enrichment programs. Supporting the Senior Adult Program Coordinator are a senior aide, senior programmer, program instructors, bus drivers, and volunteers.

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### **Green Oaks Golf Course**

The township's golf course is managed separately from the Residential Services Department. This department includes a Golf Pro and Golf Pro Assistant to handle sales, golf lessons and organizing events. The Golf Course Superintendent supervises all aspects of golf course maintenance. Seasonal workers support the Golf Pro and Superintendent. The Greens Commission is an appointed body that serves as an advisory body to the golf course.

## Current Partnerships and Providers

The Recreation Department partners with a large variety of businesses, groups and organizations throughout the year in order to provide expanded recreational opportunities to the community. Partnerships have become a vital role in establishing a well-rounded program offering. Okinawan Karate, Jump-A-Rama and Zumba are a few of the businesses they have agreements with for providing health and wellness classes.

The Recreation Department also partners with organizations such as the Michigan Recreation & Park Association (MRPA), Michigan Department of Natural Resources (MDNR), Michigan Amateur Softball Association (MASA), National Little League, Start Smart, United States Tennis Association (USTA) and other sports groups. In addition, several partnerships with senior organizations, other parks & recreation departments within the region, public and charter schools, colleges and universities have been established at different levels. As partnership opportunities become available, the recreation department will continue to develop new partnerships and enhance current ones.

Some key partner organizations include:

- Rotary Club of Ann Arbor North
- Boy and Girl Scouts of America
- YMCA

## Role of Volunteers

The role of volunteers has become very important towards the sustainability of the recreation and parks department. With the reduction of property taxes in recent years, the need for volunteers has grown. Literally hundreds of volunteers are used on an annual basis. All of the team sports offered use volunteer coaches. Local Honor Society and Key Club students are used to staff special events. Most of the programs and services offered through the "50 & Beyond" program use dozens of volunteers from its membership. The department also offers an "Adopt a Park" program with individual residents, service groups, businesses and organizations volunteering from time to time with park beautification and clean-up projects. Staff puts in hundreds of hours training and working with volunteers.

## Budgets and Funding

Sources of funding for parks and recreation in Ypsilanti Township include user and entrance fees, grants, and the Township's general fund. The Township also levies a Recreation, Bike Path, Sidewalk, Roads, Parks, General Operations Millage of 1.0059 mills. However, in recent years, a good portion of the proceeds from this millage have gone toward sidewalks and roads.

Budgets for parks and recreation functions in Ypsilanti Township over the past several years are shown in Table 4.

TABLE 4: Parks & Recreation Budget, 2016 - 2018

	2017 Actual	2018 Original	2018 Amended
Total Expenses	732,467.97	821,469.00	858,023.00
Total Revenues	726,269.21	821,469.00	858,023.00

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# Recreation Inventory

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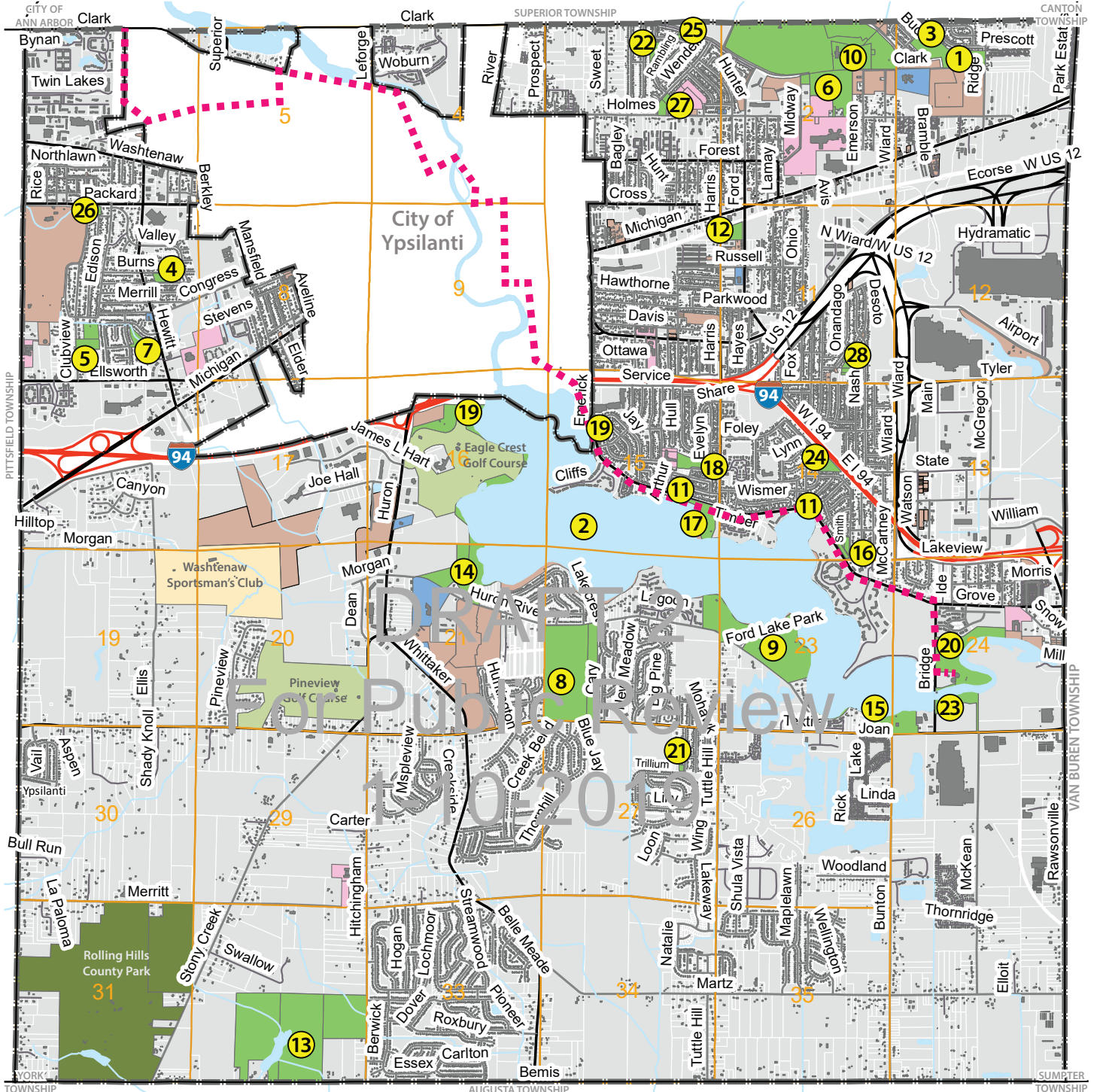
## Recreation Inventory

Developing a complete inventory of the Parks and Recreation facilities and programs is an essential component of a five year Parks and Recreation Master Plan as it provides a base of information to use in developing the Action Plan. Understanding what parks, facilities, and programs are available to Ypsilanti Township residents will assist decision-making in the future. The inventory covers the following components:

- Township Parks and Facilities
- Other Township owned Recreation Properties
- Non-motorized Facilities
- County/Regional Parks and Facilities
- Facilities in Neighboring Communities
- Quasi-Public and Private Recreation Facilities
- Programming
- Comparison to Recreation Standards
- Barrier Free Accessibility

Ypsilanti Township owns and maintains over 970 acres of parkland spread out across twenty seven different facilities. School facilities, the City of Ypsilanti, subdivision parks, private facilities and a large Washtenaw County park also provide sources of recreation for township residents. Recreation facilities are scattered throughout the township with the highest concentration of parks located around Ford Lake and in the northeast portion of the township. In addition to the facilities provided, the township also offers an abundance of programs, classes and activities that serve a variety of interests and age groups. All of these elements contribute to a healthy quality of life and are important as the community grows and changes.

# MAP 3: Ypsilanti Township Recreation Properties



## Parks & Recreation Properties Ypsilanti Charter Township

- Township Recreation Properties
- Township Municipal Buildings
- Other Township Properties
- County Recreation Properties
- Private Recreation Properties
- School Properties
- Border-to-Border Trail

- |   |   |   |
|---|---|---|
| <ol style="list-style-type: none"> <li>1. Appleridge Park (2899 E Clark)</li> <li>2. Big Island Park (Middle of Ford Lake)</li> <li>3. Bud &amp; Blossom Park (1500 Bud Street)</li> <li>4. Burns Park (2001 Burns Street)</li> <li>5. Clubview Park (39 S Clubview)</li> <li>6. Community Center Park (2000 E Clark)</li> <li>7. Fairway Hills Park (199 Carriage Way)</li> <li>8. Ford Heritage Park (8399 Textile Road)</li> <li>9. Ford Lake Park (9075 S Huron River Drive)</li> </ol> | <ol style="list-style-type: none"> <li>10. Green Oaks Golf Course &amp; Community Center (2025 E Clark)</li> <li>11. Grove Road Overlooks (at Harry and Margarita Streets)</li> <li>12. Harris Park (99 Harris Road)</li> <li>13. Hewen's Creek Park (6515 Bemis Road)</li> <li>14. Huron River Park (7337 Huron River Drive)</li> <li>15. Lakeside Park (9999 Textile Road)</li> <li>16. Lakeview Park (1999 S Grove Road)</li> <li>17. Loonfeather Point Park (1340 S Grove Road)</li> <li>18. Nancy Park (1201 Marcus Street)</li> </ol> | <ol style="list-style-type: none"> <li>19. North Bay Park (1001 Huron Street)</li> <li>20. North Hydro Park (2599 Bridge Road)</li> <li>21. Pines Park (6200 South Ivanhoe)</li> <li>22. Rambling Road Park (1150 Lexington Parkway)</li> <li>23. South Hydro Park (10499 Textile Road)</li> <li>24. Sugarbrook Park (1515 Andrea Street)</li> <li>25. Tot Lot Park (1172 E Clark Road)</li> <li>26. Watertower Park (2598 Verna Street)</li> <li>27. Wendell Holmes Park (1201 Holmes Road)</li> <li>28. West Willow Park (2099 Tyler Road)</li> </ol> |
|---|---|---|

## Township Parks and Facilities

Ypsilanti Township operates twenty-seven facilities providing a mix of active and passive uses. An inventory of the parks and facilities is presented on the following pages. These parks and facilities can be loosely broken into categories based on size and function; the categories are suggested by the National Recreation and Parks Association (NRPA). The categories are meant to aid in determining the primary purpose and uses for each facility.

- **Mini-Parks:** Mini-parks serve the needs of the residents in the immediate area, approximately less than one-quarter mile away and are typically less than one acre in size. There are four mini-parks owned and operated by Ypsilanti Township. There are also several mini-parks within private developments; newer residential developments are required to have their own dedicated open space which is owned by the local homeowners association.
- **Neighborhood Parks:** Neighborhood parks are typically multi-purpose facilities that serve as the recreational and social focus of a neighborhood. They provide areas for both passive and active recreation activities such as fields, playgrounds, picnicking, and trails. These parks are typically between five and ten acres in size and serve residents within one-half mile. There are twelve neighborhood parks in Ypsilanti Township, all but one of which are located north of Ford Lake.
- **Community Parks and Facilities:** Community parks typically contain a wide variety of recreation facilities to meet the diverse needs of residents in the Township. Community parks may include areas for intense active recreation as well as passive recreation opportunities not commonly found in mini or neighborhood parks. The focus of these parks is to meet community-based recreation needs, as well as preserve unique landscapes and open spaces. Community parks are generally between 30 and 50 acres in size and serve residents within one-half to three miles of the park. Ypsilanti Township operates six community parks.
- **Nature Preserves & Specialty Parks:** Specialty parks provide a unique service and are generally intended to serve the entire community. Preserves, stand-alone splash pads or community centers, and dog parks could fall into this category. Ypsilanti Township's Community Center and four other parks would fall in this category.
- **Regional Parks:** Regional Parks may be 200 acres or more in size, and service an area up to one hour's drive away (typically 45 or 60 miles). These types of parks are usually operated by a larger governmental body, such as the county or state, or by another recreation authority. Rolling Hills County Park is considered a regional park.

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## Mini-Parks

### GROVE ROAD OVERLOOKS

- Address: Grove Road & Margarita Street, Grove Road & Service Drive
- Total Acres: ~0.3 acres total
- Primary Activities: Passive
- Amenities: Benches, Scenic Views, Border-to-Border Trail

Ypsilanti Township maintains two overlooks on Ford Lake. While each is technically a part of a larger park (Loonfeather Point and North Bay), the two overlooks have traditionally been treated as separate parks. The sites are adjacent to sidewalks and bike lanes which are considered part of the Border-to-Border (B2B) Trail. Widening the sidewalk to 10' has been discussed, but is not being considered at this time, as the sidewalks and matching bike lands were deemed sufficient. Should widening of the walk become a priority for the Township, WCPARC would need to incorporate it into their B2B plan.



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### PINES PARK

- Address: 6200 South Ivanhoe
- Total Acres: 0.6 acres
- Primary Activities: Passive
- Amenities: Playground equipment, swings, open space

This park is situated in a power line easement in the Township's southeast quadrant. The play equipment is significantly outdated. Partly due to the park's proximity to a fairly new subdivision containing homes with relatively large yards, Pines Park receives few visitors. More creative use of the land, such as adding artwork or rain gardens, could make the property more appealing to nearby residents.



### TOT LOT PARK

- Address: 1172 East Clark Road
- Total Acres: 0.5 acres
- Primary Activities: Passive
- Amenities: Playground equipment, swings, open space

Tot Lot sits between the Clark Service Road and Lexington Parkway. Play equipment is outdated and the play surfacing is substandard. Amenities that appeal to older patrons, such as a community garden or a small pavilion, could make this park more of a draw for the surrounding neighborhood.



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### WATERTOWER PARK

- Address: 2598 Verna Avenue
- Total Acres: 0.6 acres
- Primary Activities: Passive
- Amenities: Playground equipment, open space

South of busy Packard Street and north of Verna Avenue, Watertower Park gained its name from a watertower that has long since been removed. Playground equipment in the park is outdated. Similar to Tot Lot Park, a small seating pavilion and/or community gardens would better serve the neighborhood.



## Neighborhood Parks

### APPLERIDGE / BUD & BLOSSOM PARKS

- Address: 2899 E. Clark Rd., 1500 Bud Street
- Total Acres: 36.3 (~24.8 Appleridge, ~11.5 Bud & Blossom)
- Primary Activities: Passive & Active Uses
- Amenities:
- Appleridge: 0.5 mile asphalt running trail, softball diamond, horseshoe pits, picnic shelter, playground equipment & swings, asphalt parking area (17 spaces), two basketball courts, multiuse field, natural area
- Bud & Blossom: Playground equipment & swings, picnic tables, open field, natural area

Appleridge and Bud & Blossom parks are two facilities separated by a common natural area. The boundary distinction between the two facilities is unclear; the listed acreage for this plan was determined by using the Willow Run Drain as the dividing line. The parks serve the Lay Gardens / Holmes Road area in the northeast corner of the Township. Appleridge provides more active-use amenities including basketball and tennis courts and playing fields. Bud & Blossom is more geared towards passive-use play.



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**BURNS PARK**

- Address: 2001 Burns Street
- Total Acres: 1.9
- Primary Activities: Passive & Active Uses
- Amenities: Playground equipment, picnic tables, tennis courts, sandbox, small open field, sidewalks

Serving the Hewitt Road area, Burns Park is a prototypical neighborhood park. Bordered by Burns to the north and Harding to the south, the park is a gathering point for neighborhood residents on pleasant summer days. Park amenities are aimed more at younger children and parents, although the tennis courts appeal to a variety of age ranges.



**CLUBVIEW PARK**

- Address: 39 South Clubview Drive
- Total Acres: 10 acres
- Primary Activities: Passive & Active Uses
- Amenities: Playground equipment & swings, picnic shelter, tennis courts, crushed limestone path, large open field

Clubview Park contains relatively few programmed amenities. The park acts as a swale leading to a low point at the northern edge of the park, and the large open field offers valuable stormwater mitigation capability. Playground equipment is new, but the tennis courts are cracked and unplayable. The path is rutted and in need of amendment. Trees recently planted by the Rotary Club will make the park much more appealing in coming years.



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### FAIRWAY HILLS PARK

- Address: 199 Carriage Way
- Total Acres: 5.5 acres
- Primary Activities: Passive Use
- Amenities: Asphalt multi-use path

One block east of Clubview Park, Fairway Hills is largely undeveloped. An asphalt trail running along the south side of the park leads visitors to South Hewitt and its existing bike lanes. The topography of the park is fairly steep (roughly 8% slopes) and leads to a small wetland on the adjoining apartment complex property to the southeast.



### LAKESIDE PARK

- Address: 9999 Textile Road
- Total Acres: 18.4 acres
- Primary Activities: Passive & Active Uses
- Amenities: Playground equipment & swings, horseshoe pits, two picnic shelters & tables, restrooms, gravel parking, boat dock & boat house, ~0.7 mile asphalt path, open space



Lakeside Park is one facility with two distinct identities. Bordered by Textile Road to the south and Ford Lake to the north, the western side of the park feels like a traditional small neighborhood park, with picnic facilities, playground equipment, and horseshoe pits. The equipment and shelter is somewhat dated and needs repair.

The eastern side of the park, on the other hand, contains new amenities and has much more of a focus on Ford Lake. A boat house and launch, walking trails, and a picnic shelter, built in 2013, are in excellent condition. The boat facilities are leased by Eastern Michigan University and Saline High School rowing teams.



### LAKEVIEW PARK

- Address: 1999 South Grove Road
- Total Acres: 3.8 acres
- Primary Activities: Passive & Active Uses
- Amenities: Playground equipment & swings, picnic tables, softball diamond, large open field, sidewalks

Another excellent example of a neighborhood park, Lakeview Park is highly visible off of Grove Road and offers a mix of passive and active recreation options. The Border-to-Border trail lies on the south side of Grove Road, opposite the park, and is connected to the park via a crosswalk and pedestrian island near the playground equipment. An open field on the south side of the property, approximately 1.3 acres, offers potential for future development.



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### NANCY PARK

- Address: 1201 Marcus Street
- Total Acres: 5.8 acres
- Primary Activities: Passive & Active Uses
- Amenities: Playground equipment & swings, softball field, soccer field, asphalt walking path, wooded area

Adjacent to Erikson Elementary School in the Gault Village neighborhood, Nancy Park is well used by neighborhood residents. Part of the park's appeal is its position as a connector between the school and the neighborhood. A 200-foot long walkway brings residents from the north to the park and splits into two paths leading to the school and play equipment. The mix of uses is also attractive to different generations of park visitors.



### RAMBLING ROAD PARK

- Address: 1150 Lexington Parkway
- Total Acres: 3.2 acres
- Primary Activities: Passive & Active Uses
- Amenities: Playground equipment & swings, picnic tables, basketball court, crushed limestone walking path, large open field

Tucked behind bungalow-style homes, Rambling Road can be difficult to find. The park contains fairly new playground equipment in good condition, but a basketball court on the southern end of the park is cracked and unplayable. The park's odd layout makes it difficult to see into the facility, leading to concerns about safety and vandalism. The Township owns a small outlot on the south end of the property. This outlot is currently fenced off, restricting entrance and egress to the northern entrance.

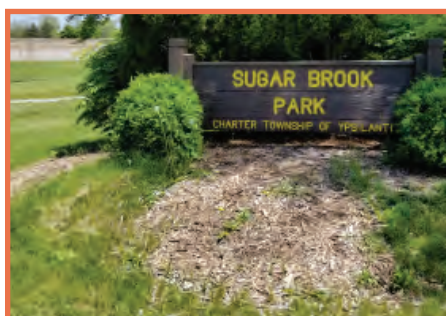


For Public Review

### SUGARBROOK PARK

- Address: 1515 Andrea Street
- Total Acres: 4.0 acres
- Primary Activities: Passive & Active Uses
- Amenities: Playground equipment & swings, picnic tables, basketball court, softball field

Sitting on uncomfortably configured lot, the roughly triangular-shaped park is bordered by homes to the south, Andrea Street to the west, and the I-94 sound barrier to the northeast. A playground area and basketball court sit on the western edge of the park and are in good condition. A softball field takes up much of the northeastern portion of the park. Some residents expressed concerns about the southeastern corner of the park, which extends almost 700 feet from the street edge. Sugarbrook may represent an opportunity to divest at least a portion of the park for residential uses, and with the resulting funds used to finance improvements at this and other parks.



### WENDELL HOLMES PARK

- Address: 1201 Holmes Road
- Total Acres: 4.6 acres
- Primary Activities: Active Use
- Amenities: Softball field, soccer field, gravel parking area

Wendell Holmes Park is adjacent to Holmes Elementary School, and is easily mistaken for school property. The fields are in good condition, and are used frequently by adult sports leagues.



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### WEST WILLOW PARK

- Address: 2099 Tyler Road
- Total Acres: 3.6 acres
- Primary Activities: Passive & Active Uses
- Amenities: Playground equipment & swings, picnic shelter & tables, two basketball courts, softball field, 0.3 mile crushed limestone walking path

The only park in the West Willow neighborhood, West Willow serves as an important gathering point for the community. The playground equipment is relatively new and in good condition. The picnic shelter, however, is dark and dated, and attracts unwanted activities. Three vacant parcels to the southwest of the park, owned by the Whitehead Memorial Church of God, could represent an opportunity for joint development and operation of the park with a revised layout and amenities. The park is accessible from Tyler and Oshwego Roads.



## Community Parks

### COMMUNITY CENTER PARK

- Address: 2000 East Clark
- Total Acres: 31.6 acres
- Primary Activities: Primarily Active Uses
- Amenities: Playground equipment & swings, picnic shelter & tables, gazebo, six tennis courts, four baseball fields w/ bleachers & dugouts, sidewalks, 160-space gravel parking lot, wooded area

Located on the south side of Clark Road opposite from the golf course and Ypsilanti Township Community Center, this park hosts both adult and youth softball and baseball games. A six-acre wooded area in the southeast corner of the park includes some rustic hiking trails. The football stadium and track south of the baseball fields belongs to Ypsilanti Community Schools, and is not part of Community Center Park.



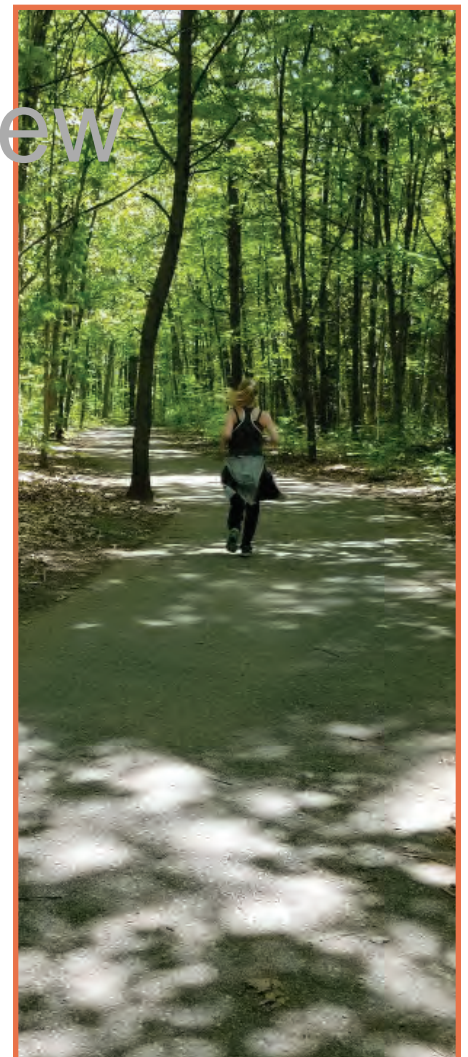
**FORD HERITAGE PARK**

- Address: 8399 Textile Road
- Total Acres: 20.0 acres
- Primary Activities: Passive & Active Uses
- Amenities: Accessible playground equipment & swings, Accessible picnic tables, soccer fields, 3 baseball fields with bleachers & stands, ~1.5 mile asphalt multi-use path, ~0.3 mile rustic walking path, wooded area, two asphalt parking lots (250 spaces total)

Centrally located on the south side of the Township, Ford Heritage includes a variety of active use amenities, including multiple soccer and softball fields. The jewel of the park, however, is the community-built accessible playground and picnic facilities. The park includes roughly two miles of trails, including a paved multi-use trail that winds through a wooded area on the north side of the park.

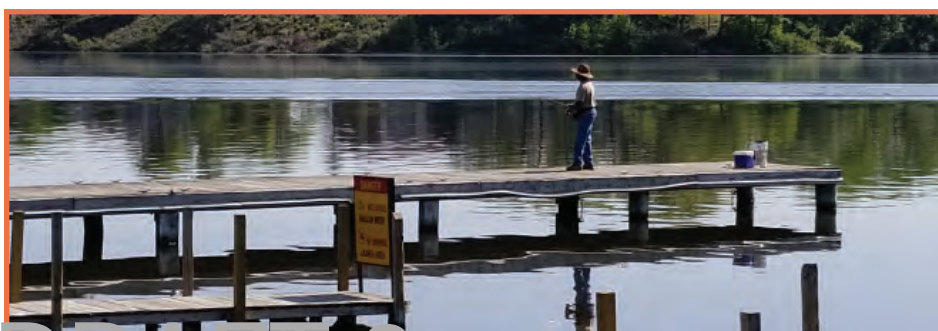


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## FORD LAKE PARK

- Address: 9075 South Huron River Drive
- Total Acres: 89.5 acres
- Primary Activities: Passive & Active Uses
- Amenities: Three sets of playground equipment, four picnic shelters, restrooms, soccer/baseball field, two sand volleyball courts, basketball court, three tennis courts, six pickleball courts, handball courts, boat launch, two asphalt parking lots (170 spaces), one gravel parking lot (~160 spaces), walking paths



Considered the “signature park” of the Ypsilanti Township park system, Ford Lake Park offers a diverse mix of active and passive use amenities. The park includes the only public boat launch in the Township park system, and the only dedicated outdoor pickleball facilities. New playground equipment is slated for installation in late 2018 or early 2019. A fee is required for entrance to the park. Daily rates are identical for residents and non-residents, but season pass rates are higher for non-residents.

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## HARRIS PARK

- Address: 99 Harris Road
- Total Acres: 6.6 acres
- Primary Activities: Active Use
- Amenities: Playground equipment & swings, picnic shelter & tables, restrooms, two baseball fields with bleachers & stands, batting cage, gravel parking areas (~45 spaces)



Harris Park is small enough to be categorized a neighborhood park, but its role as a Little League baseball facility pushes it into the community park category. Harris Park's fields are leased by Ypsilanti National Little League, which also owns two fields immediately west of the park. In addition to the ball fields, Harris includes playground equipment and a picnic shelter with restrooms.

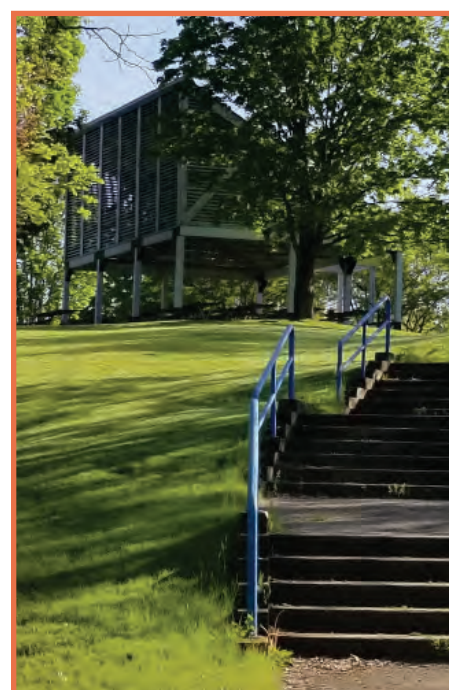


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## LOONFEATHER POINT PARK

- Address: 1340 South Grove Road
- Total Acres: 12.0 acres
- Primary Activities: Passive & Active Uses
- Amenities: Playground equipment & swings, two picnic shelters & tables, restrooms, soccer field, fishing pier, asphalt parking lot (112 spaces), 0.3 mile crushed limestone walking path

Loonfeather Point sits on a bluff overlooking Ford Lake, with paths leading down to a fishing pier on the shore. The award-winning picnic pavilions are popular summer destinations for residents, but are beginning to show signs of deterioration. Existing playground equipment is scheduled for replacement in late 2018 or early 2019. The Border-to-Border trail runs along the northern border of the park, and one of the Grove Road Overlooks is located immediately west of the park boundary. A fee is required for entrance to the park. Daily rates are identical for residents and non-residents, but season pass rates are higher for non-residents.

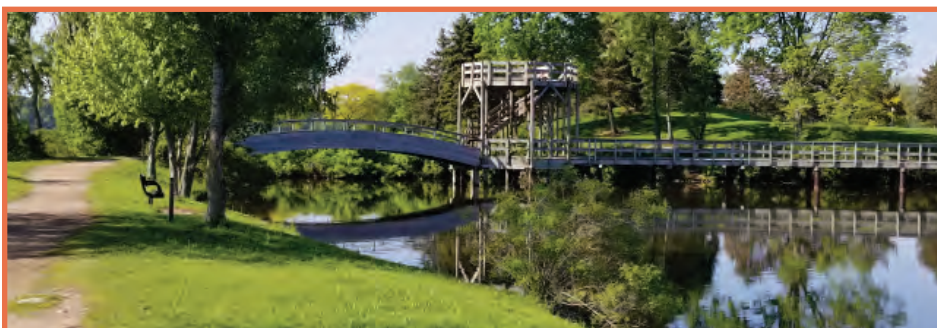


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## NORTH BAY PARK

- Address: 1001 Huron Street; secondary entrance at the Grove Road & Service Drive intersection)
- Total Acres: 180.3 acres
- Primary Activities: Passive Use
- Amenities: Playground equipment & swings, two picnic shelters & tables, restrooms, two asphalt parking lots (82 spaces), ~1.0 miles boardwalk, ~1.0 miles exercise trail

The boundaries of North Bay Park are somewhat convoluted; the park surrounds the Eagle Crest Golf Course and Resort on three sides, a portion of the park is owned by the City of Ypsilanti but operated by the Township, and Ford Lake itself is included as part of the total area. Actual available land area is closer to 50 acres. This unusual configuration results in some of the most unique and dramatic views of Ford Lake. A boardwalk and a series of bridges connect a chain of small islands in the central lake area, with an observation tower found at the easternmost point. Trails equipped with exercise stations run from a parking area on Grove Road over the Huron River and up steep bluffs to the main entrance off of Huron Road. Picnic facilities and a playground are also found near the main entrance. The playground equipment is scheduled to be replaced in late 2018 or early 2019. The potential exists to extend the boardwalks along the southeastern edge of Eagle Crest to connect with Huron River Park. A fee is required for entrance to the park. Daily rates are identical for residents and non-residents, but season pass rates are higher for non-residents.



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## NORTH HYDRO PARK

- Address: 2599 Bridge Road
- Total Acres: 49.5 acres
- Primary Activities: Passive Use
- Amenities: Picnic shelter & tables, restrooms, accessible kayak launch & fishing pier, canoe portage, gravel parking lot (~53 spaces), 1+ miles crushed limestone paths, ~0.7 miles of riverfront access

North Hydro provides access to the river via a new accessible kayak launch and a canoe portage site on the northern side of the park peninsula. Picnic tables and benches line a walkway looping around the peninsula, and the Border-to-Border trail connects to the park from Bridge Road. An ADA compliant parking pad is located near restroom and picnic facilities. A small amphitheater or concert stage could work well at the site; the property is surrounded primarily by industrial use facilities, with nearest residential use separated by a 1,200 foot wooded buffer.



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**Specialty Properties**

**YPSILANTI TOWNSHIP  
COMMUNITY CENTER**

- Address: 2025 East Clark Road
- Total Acres: ~6 acres (Building: ~40,000 square feet)
- Primary Activities: Programming
- Amenities: Arts & crafts room, pre-school room, racquetball/wallyball courts and gymnasium, aerobic & dance studio, meeting/class rooms, senior center, locker rooms, restrooms, parking lot (247 spots)

The Ypsilanti Township Community Center is the central meeting point for Parks programming. ESL classes, pre-school activities, arts courses, and a variety of “50 and Beyond” activities are all hosted at the Community Center. The Center is open from Monday through Friday 8:00 a.m. to 8:00 p.m., and Saturday from 9:00 am to 6:00 p.m. The parking area is shared with the Green Oaks Golf Course, which surrounds the building.

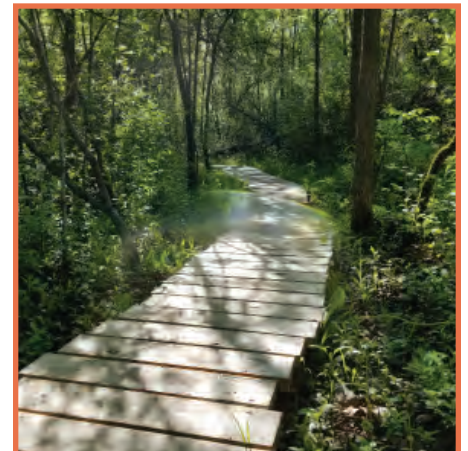
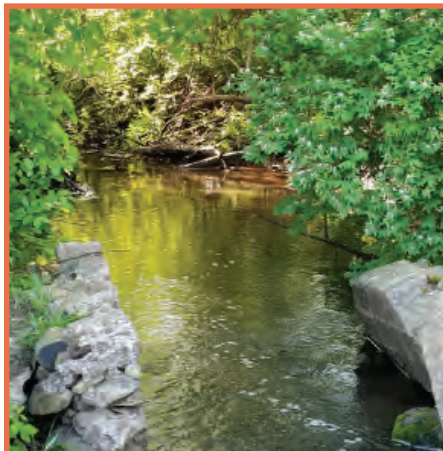


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**HEWEN'S CREEK PARK**

- Address: 6515 Bemis Road
- Total Acres: 193.2 acres
- Primary Activities: Passive Use
- Amenities: Rustic trails, gravel parking lot (5 spots)

Hewen's Creek offers access to one of the largest remaining wooded areas in Ypsilanti Township. Acquired in 1999, the park contains nearly five miles of trails used for hiking, dog walking, and mountain biking. A small pond on the western edge of the park is popular for bluegill fishing. The property is essentially flat, and consists of old farmland, wetlands, and lowland forests.



### HURON RIVER PARK

- Address: Huron River Drive east of Whittaker
- Total Acres: 53.0 acres
- Primary Activities: Passive use
- Amenities: Apiary, wooded areas

Ypsilanti Township's newest recreation property remains largely undeveloped. Huron River Park sits on Huron River Drive, opposite the Civic Center. The eastern edge of the park could potentially provide over 1,500 feet of lakefront access, and a connection to North Bay Park which sits immediately to the north. Steep bluffs between the down to the water's edge present a formidable barrier, however, and wetlands near the water's edge would necessitate a boardwalk to facilitate travel.



### BIG ISLAND PARK

- Address: Middle of Ford Lake
- Total Acres: 2.0 acres
- Primary Activities: Passive use
- Amenities: Wooded island

Big Island Park lies in the middle of Ford Lake and is only accessible by boat. There are no official docks; visitors must anchor at the informal launch point on the southwest corner of the island.



### SOUTH HYDRO PARK

- Address: 10499 Textile Road
- Total Acres: 17.3 acres
- Primary Activities: Passive Use
- Amenities: ~0.3 miles riverfront access, wooded area

Unlike North Hydro, South Hydro Park is difficult to reach and basically undeveloped. It is currently only accessible by a steep asphalt trail on the west side of the property. An access drive off Textile (McKean Road) is barricaded, preventing public entry. Steep bluffs leading to the river edge make road development to the riverside problematic. If connections to Textile and/or North Hydro could be improved, the site could become an important asset to the Parks portfolio.

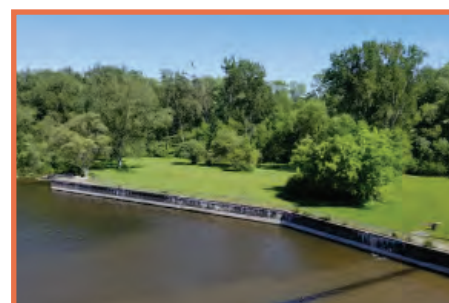


TABLE 5: Local Park Amenities

Type (M = mini, N = Neighborhood, C = Community, S = Specialty, O = Other)	Key	Name	ACTIVE-USE AMENITIES											PASSIVE-USE AMENITIES										
			Baseball / Softball Fields	Batting Cage	Basketball	Golf	Horseshoes / Shuffleboard	Sand Volleyball	Soccer / Multi-Use Field	Tennis / Pickleball	Benches	Playground Equipment & Swings	Community Center/ Indoor Fac.	Gymnasium	Open Space	Natural Areas / Scenic Views	Trails - Rustic	Trails - Asphalt or Limestone	Boat House / Boat Launch	Picnic Shelter / Tables	Restrooms	Parking - Gravel Lot	Parking - Paved Lot	Water Access
N	1	Appleridge Park	•		•		•		•	•			•	•		•		•				•		
S	2	Big Island Park												•									•	
N	3	Bud & Blossom Park								•	•		•	•										
N	4	Burns Park	•							•	•		•					•						
N	5	Clubview Park								•	•					•		•						
N	6	Community Center Park	•							•	•	•			•	•	•		•					
N	7	Fairway Hills Park											•			•								
C	8	Ford Heritage Park	•						•	•	•		•	•	•	•		•						
C	9	Ford Lake Park	•						•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
O	10	Green Oaks Golf Course & Ypsi Twp Community Center										•	•						•			•		
M	11	Grove Road Overlooks											•	•		•								
C	12	Harris Park	•	•						•	•		•	•				•	•	•				
S	13	Hewen's Creek Park												•	•						•			
S	14	Huron River Park												•										
N	15	Lakeside Park					•					•	•			•	•		•	•	•	•	•	•
N	16	Lakeview Park										•	•			•								
C	17	Loonfeather Point Park													•		•	•	•		•	•	•	•
N	18	Nancy Park	•							•	•		•	•			•							
C	19	North Bay Park								•	•		•	•		•	•		•		•	•	•	•
N	20	North Hydro Park										•	•			•	•		•	•	•		•	•
M	21	Pines Park											•											
N	22	Rambling Road Park			•								•			•								
S	23	South Hydro Park												•	•								•	•
N	24	Sugarbrook Park	•		•							•	•			•								
M	25	Tot Lot Park											•			•								
M	26	Watertower Park											•			•								
N	27	Wendell Holmes Park	•																					
N	28	West Willow Park	•		•								•	•										
O	-	Civic Center & Veterans' Memorial																		•		•		
O	-	Ypsilanti District Library																		•		•		

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## Other Township-owned Properties

### GREEN OAKS GOLF COURSE

- Address: 2025 East Clark Road
- Total Acres: 152 acres
- Primary Activities: Golf Course
- Amenities: 18-hole golf course, putting green, chipping area, pro shop, restrooms, parking lot (247 spots)

The Green Oaks Golf Course is owned by Ypsilanti Township but operated separately from Parks and Recreation. The course runs approximately 6,800 yards. Golfing fees are provided at a reduced rate for Ypsilanti Township residents and seniors.



### CIVIC CENTER & VETERANS' MEMORIAL

- Address: 7200 South Huron River Drive
- Total Acres: 26 acres
- Primary Activities: Governmental uses, memorial
- Amenities: Governmental offices, meeting space, open space

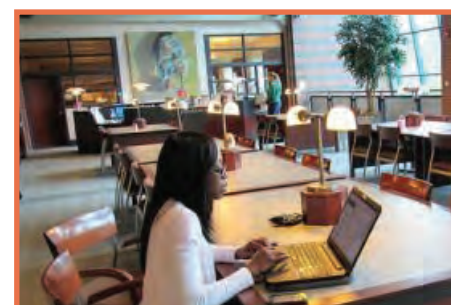
The Township Civic Center is primarily dedicated to municipal affairs, although the meeting rooms and council chambers are frequently used by neighborhood watch groups and other organizations. The Veterans' Memorial on the northwest side of the campus was recently re-landscaped and offers curbside parking for visitors.



### YPSILANTI DISTRICT LIBRARY

- Address: 7190 South Huron River Drive
- Total Acres: 152 acres
- Primary Activities: Library Services
- Amenities: Meeting rooms, wooded space

Like the Civic Center, The Ypsilanti District Library offers meeting rooms for public use. The library includes a 13-acre wooded area to the south, which in turn forms part of a 110-acre woodland owned by the Township. While these properties are not officially used as parks, they do offer the potential for passive recreation by residents in the nearby subdivisions and a potential connection to Ford Heritage Park.





## Non-motorized Facilities

Ypsilanti Township is the southeast launching point for the Border-to-Border (B2B) Trail. The B2B travels roughly 3 miles from North Hydro Park along South Grove Road before crossing into the City of Ypsilanti. Portions of the trail on South Grove utilize a combined sidewalk and bike lane configuration; long term plans indicate that the sidewalks will be converted to a standard 10-foot wide multi-use path to provide a safe off-road travel alternative. The final configuration of the trail near North Hydro and its connection with Van Buren Township are currently being negotiated, and a final design is expected to be completed in 2019.

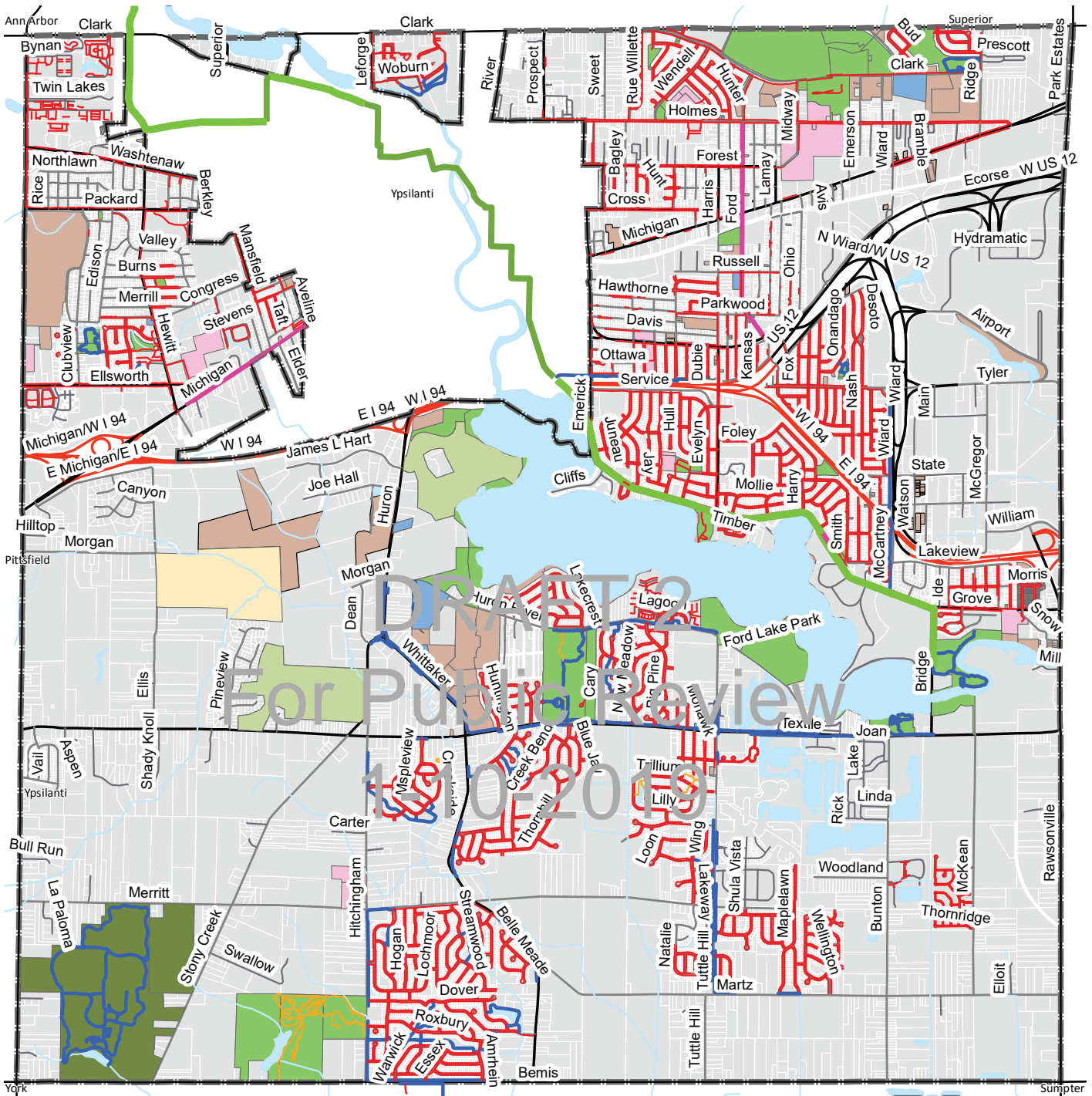
In addition to the B2B, a number of public and private non-motorized trails are scattered throughout the Township, with the longest contiguous stretch, roughly 2.7 miles, running from Bridge Road to Whittaker along Textile Road. All told, there are nearly 22 miles of multi-use trails, 8 miles of bike paths, and 110 miles of publicly maintained sidewalks.

Ford Lake and the Huron River are considered part of the Huron River Water Trail. Access to Ford Lake is limited to Ford Lake and Lakeside Parks, while Huron River access east of the Bridge Road area is limited to North Hydro Park.

Ypsilanti Township is currently developing a Non-motorized Plan, with completion expected by early spring 2019. The plan will go on to further detail regarding non-motorized gaps, potential routes, and infrastructure improvements. The information gathered for the Recreation Plan will be carried over to the Non-motorized Plan to ensure the broadest possible spectrum of opinions are considered.



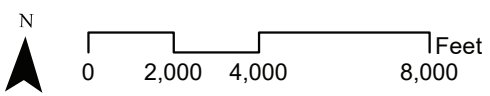
MAP 4: Non-Motorized Facilities



- B2B Off Road
- B2B On Road
- Bike Lanes
- Multi-Use Path
- Rustic Path
- Sidewalk
- Township Parks
- Schools
- Municipal Buildings
- County Parks
- Golf Courses
- Other Recreation Properties
- Township Owned Properties

## Non-Motorized Facilities

Ypsilanti Township, Washtenaw County



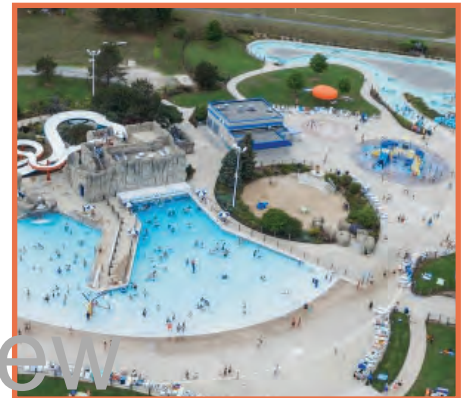
Source: SEMCOG, MiGDL, Ypsilanti Township  
 Carlisle/Wortman Associates  
 October, 2018

## County/Regional Parks and Facilities

### ROLLING HILLS COUNTY PARK

- Address: 7660 Stony Creek Road
- Total Acres: 439 acres
- Primary Activities: Active and Passive Uses
- Amenities: Water park, concession area, playground equipment, sports fields, picnic pavilions, tables & grills, 18-hole disc golf course, mountain bike trail, accessible hiking trails, accessible fishing pier & dock, lighted sledding hill, 3-mile cross country ski course, wooded areas

Rolling Hills offers access to a wide variety of activities regardless of the season. In summer months, Rolling Hills water park features a wave pool, spraygrounds, a lazy river, and several water slides. Winter months bring cross country skiing and sledding on a lighted hill. Spring and fall let visitors walk along the park's accessible woodland trails, or play soccer on the park's fields. Access to the park is free for pedestrians, but there is a parking fee for vehicles. There is an additional per person fee for the water park.



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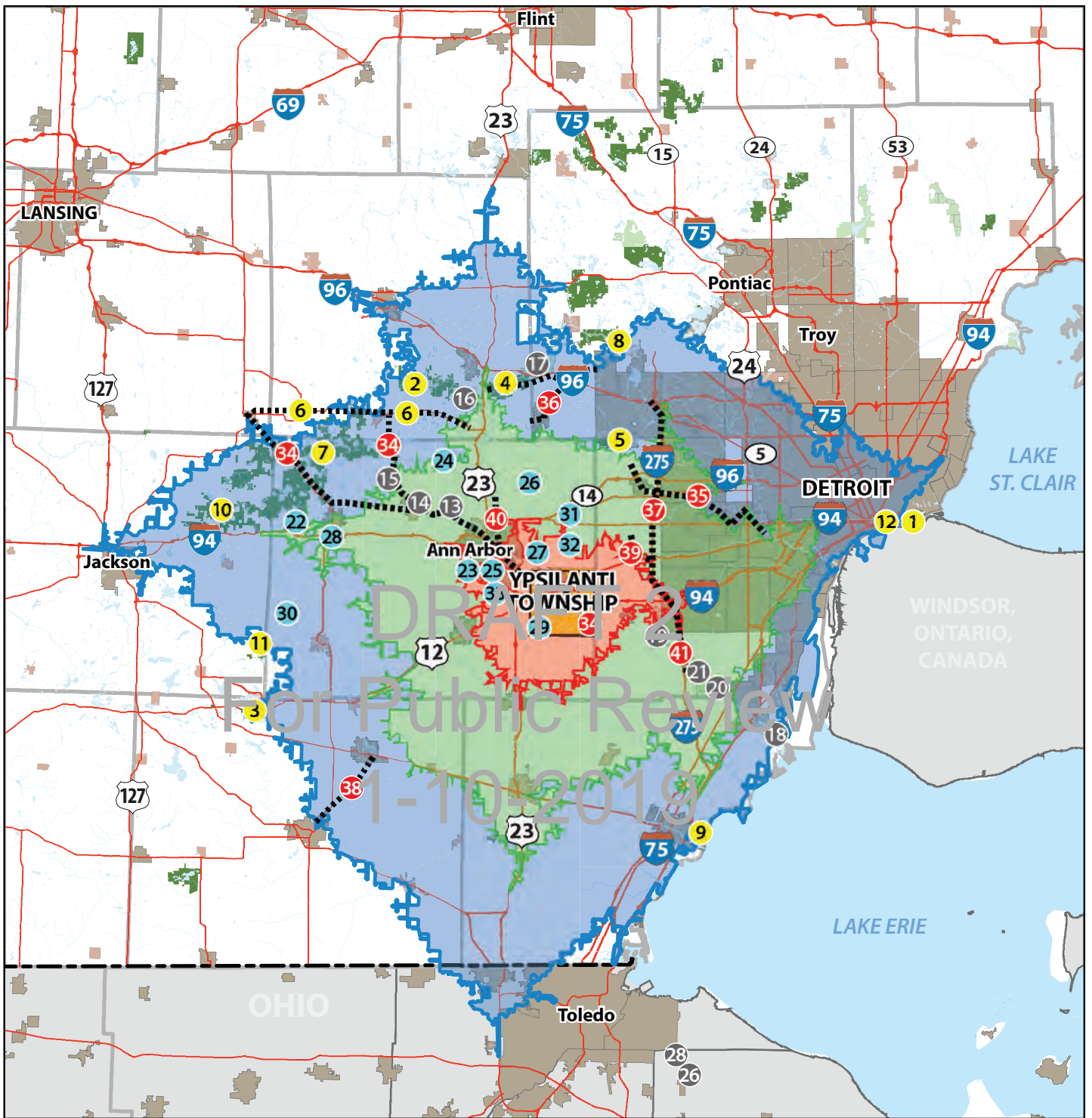
### Facilities in Neighboring Communities

Ypsilanti Township residents have access to a dozens of regional-level recreation properties, including State of Michigan, Washtenaw County, Huron-Clinton Metroparks, and significant regional trails, all within an hour drive from home. Dozens of municipal parks can be found in nearby communities such as the City of Ypsilanti, Ann Arbor, and Canton Township. A map of nearby facilities is shown on Map 3, and a table of amenities at these facilities is provided on the following pages.

The City of Ypsilanti has eight community parks and some are within a 3/4 mile radius of the township neighborhoods. These parks are easily accessible through motorized and non-motorized transportation. Future connections along the Huron River are planned to link the township and city pathways and parks. The City also operates Rutherford Pool, an outdoor pool to which the Township contributed financial support for renovation. Township residents do use this facility throughout the summer.



MAP 5: Regional Recreation Facilities

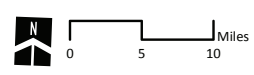


- |  |   |   |   |
|--|---|---|---|
| <ul style="list-style-type: none"> <li>● <b>STATE PARKS</b></li> <li>1. Belle Isle State Park</li> <li>2. Brighton Rec Area</li> <li>3. Hayes State Park</li> <li>4. Island Lake Rec Area</li> <li>5. Maybury State Park</li> <li>6. M. Levine Lakelands Trail</li> <li>7. Pinckney Rec Area</li> <li>8. Proud Lake Rec Area</li> <li>9. Sterling State Park</li> <li>10. Waterloo Recreation Area</li> <li>11. Watkins Lake State Park &amp; County Preserve</li> <li>12. WG Milliken State Park</li> </ul> | <ul style="list-style-type: none"> <li>● <b>METROPARKS</b></li> <li>13. Delhi</li> <li>14. Dexter-Huron</li> <li>15. Hudson Mills</li> <li>16. Huron Meadows</li> <li>17. Kensington</li> <li>18. Lake Erie</li> <li>19. Lower Huron</li> <li>20. Oakwoods</li> <li>21. Willow</li> </ul> | <ul style="list-style-type: none"> <li>● <b>COUNTY PARKS</b></li> <li>22. Cavanaugh Lake Park</li> <li>23. County Farm Park</li> <li>24. Independence Lake Park</li> <li>25. Meri Lou Murray Rec. Ctr.</li> <li>26. Park Northfield</li> <li>27. Parker Mill County Park</li> <li>28. Pierce Lake Golf Course &amp; Park</li> <li>29. Rolling Hills County Park</li> <li>30. Sharon Mills County Park</li> <li>31. Staebler Farm County Park</li> <li>32. Superior Center Park</li> <li>33. Swift Run Dog Park</li> </ul> | <ul style="list-style-type: none"> <li>● <b>MAJOR TRAILS</b></li> <li>34. Border-to-Border</li> <li>35. Hines Park Greenway</li> <li>36. Huron Valley Trail</li> <li>37. I-275 Metro Trail</li> <li>38. Kiwanis Trail</li> <li>39. Lower Rouge River Trail</li> <li>40. Matthei Botanical Garden Trail</li> <li>41. Metroparks Trail</li> </ul> |
|--|---|---|---|

- DRIVE TIMES**
- 15 minutes or less
  - 30 minutes or less
  - 60 minutes or less

## Regional Recreation Opportunities

### Ypsilanti Township



Source: Washtenaw County GIS  
 ESRI Business Analyst  
 Carlisle/Wortman Associates  
 August 2018

TABLE 6: Regional Park Amenities

Category	Key	Name	Acres / miles	Distance from Civic Center in miles	ACTIVE-USE ACTIVITIES										PASSIVE-USE ACTIVITIES														
					Baseball / Softball Fields	Basketball	Disc Golf	Golf	Horseshoes / Shuffleboard	Sand Volleyball	Skate Park	Soccer / multi-purpose field	Tennis & Pickleball	Zip Line	Banquet Facilities / Spec Events	Visitors Center	Community Center / Indoor Fac.	Fitness Center / Equipment	Michigan State Park Explorer	Nature Programs	Geocaching	Metal Detecting	Dog Parks / Trial Course	Pet Friendly Area	Playground	Picnic Area	Picnic Shelter	Radio Control Flying	Watchable Wildlife / Birding
STATE PARKS	1	Belle Isle State Park	982	34																									
	2	Brighton Rec Area	4,947	25			•											•	•	•		•	•	•			•		
	3	Hayes State Park	654	29	•																				•	•	•		
	4	Island Lake State Rec Area	4,000	20																							•		
	5	Maybury State Park	1,000	16																					•	•	•		
	6	Mike Levine Lakelands Trail	13 mi	22																							•		
	7	Pinckney Rec Area	11,000	23																							•		
	8	Proud Lake State Rec Area	4,700	25																							•		
	9	Sterling State Park	1,300	24																							•		
	10	Waterloo Rec Area	20,000	26			•													•							•		
	11	Watkins Lake State Park	1,122	28																							•		
	12	WG Milliken State Park	31	31																							•		
METROPARKS	13	Delhi	81	13																							•		
	14	Dexter-Huron	122	15	•																						•		
	15	Hudson Mills	1,549	9																							•		
	16	Huron Meadows	1,576	21																							•		
	17	Kensington	4,543	23			•	•	•	•		•	•														•		
	18	Lake Erie	1,607	24																							•		
	19	Lower Huron	1,258	16																							•		
	20	Oakwoods	1,756	15																							•		
	21	Willow	1,700	13			•																				•		
COUNTY PARKS	22	Cavanaugh Lake Park	2.5	25																							•		
	23	County Farm Park	127	6																							•		
	24	Independence Lake Park	312	16			•		•				•														•		
	25	Merri Lou Murray Rec. Center	-	6		•										•											•		
	26	Park Northfield	12	11																							•		
	27	Parker Mill County Park	45	5																							•		
	28	Pierce Lk Golf Course & Park	225	21			•	•																			•		
	29	Rolling Hills County Park	439	3			•																				•		
	30	Sharon Mills County Park	264	25																							•		
	31	Staebler Farm County Park	98	9																							•		
	32	Superior Center Park	1	7																							•		
	33	Swift Run Dog Park	10	5																							•		
TRAILS	42	Border-to-Border Trail	20 mi	1																							•		
	43	Hines Park Greenway	19.5 m	13																							•		
	44	Huron Valley Trail	12.2 m	20																							•		
	45	I-275 Metro Trail	33 mi	10																							•		
	46	Kiwanis Trail	8 mi	28																							•		
47	Lower River Rouge Trail	4 m	11																							•			
48	Matthei Botanical Garden Tr.	2 mi	8																							•			
41	Metroparks Trail	16 mi	10																							•			

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TRAILS		WATER / BOATING		WINTER SPORTS		CAMPING AMENITIES										HUNTING														
Hiking	Biking	Mountain Biking / BMX Course	Equestrian	Swimming / Beach	Splash Pad / Pool / Water Slide	Paddlesports	Boat Rental	Boat Launch	Snowshoeing	Cross Country Skiing	Snowmobiling	Ice Skating / Hockey	Sledding	Equestrian Camping	Electrical Service	Winter Camping	Concession Store / Food	Cabins And Lodges	Rustic Site	Group Use Area	Walk-In / Paddle-In Sites	Yurt	Vault Toilet	Modern Restrooms	Sanitation Station	Shooting Range	Hunting / Archery	Fishing	Fishing Pier	
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Maybury State Park



Rolling Hills County Park



Swift Run Dog Park



Oakwoods Metropark

## Quasi-Public and Private Recreation Facilities

### Subdivision Parks

All new subdivisions in Ypsilanti Township with over 24 lots are required to provide dedicated open space. The amount of open space required is based on the number of lots in the subdivision so that it is proportionate to the number of new households. This program ensures that neighborhood recreation facilities are available for new residents as subdivisions grow. The parks are under the ownership and control of the neighborhood's homeowners association, but are also open to the public. The majority of subdivision parks are clustered in the southern half of the Township, where most new subdivisions have been constructed.

### Public Schools

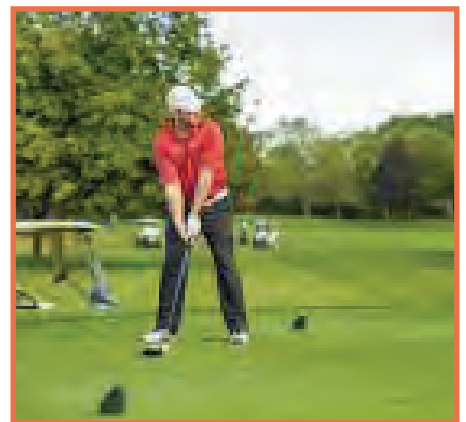
Public Schools facilities are an important provider of local recreation, particularly during times when school is not in session. Ypsilanti Township has three school districts within its boundaries. Ypsilanti Community and Van Buren Public School Districts all have facilities within the township. Land in the southern portion of the Township is part of the Lincoln Consolidated School District. However the schools for the Lincoln Consolidated School District are located to the south in Augusta Township.

### Eastern Michigan University

The Eastern Michigan University Campus is located within the City of Ypsilanti. Some athletic fields on-campus are available to the public when not in use for university programs and events. The 18-hole Eagle Crest Golf Course is a joint venture with the Township. Opened in 1989 and significantly renovated in 2012, the course is operated by the University. The University also utilizes Ford Lake Park for storage and launching point for their rowing team.

### Private Facilities

Private recreation facilities in Ypsilanti Township and the City of Ypsilanti play an important role in providing recreation resources to Township residents. While a complete list of private recreation facilities is well beyond the scope of this recreation plan, a few examples would include the Washtenaw Country Club, the Washtenaw Sportsman Club, Pine View Golf Course, Eagle Crest Golf Course, Riverside Center for the Arts, Powerhouse Gym, Dance Pavilion Studio, CrossFit Fitness, Planet Fitness, Club Chippewa, and the Detroit-Greenfield RV Park.





## Programming

Ypsilanti Township offers a wide variety of programming options for adults, children, and seniors. These programs are designed to enrich the physical, mental, and spiritual well-being of residents. The majority of the indoor programs are offered at the Township Community Center. The department also works with local schools and other locations to offer programs at their facilities. All programs are coordinated through the offices located at the community center.

Programs and services are marketed through program guides distributed seasonally by the Recreation Department. Other forms of marketing include social media posts, senior monthly newsletters, flyers, press releases, media briefs, the Township website, broadcast emails and information sent through schools, churches, service clubs and businesses. Overall, enrollment has been relatively steady with many programs becoming increasingly popular with other programs losing popularity.

Youth athletic programs participation has remained relatively stable. Increased competition from outside regional organizations offering the same or similar programs has had an impact. While many of these organizations offer a more competitive atmosphere, the recreation department's focus has been on instruction rather than competition. Athletic programs for toddlers and younger children have become increasingly popular.

Youth enrichment programs such as dance, arts and crafts, Jump-A-Rama and special events also remain strong. Youth Camps continue to grow in popularity. The department has consistently increased camp offerings over the past few years. Similar to youth sports, the demand for preschool age enrichment programs is increasing. Additional effort needs to be directed on offering a variety of programs to this age group during the day and evening hours.

Programming for Teens has remained a challenge for the department. Additional efforts need to be made for this age group. Consideration should also be made with establishing a teen council to assist with programming and to get involved with decision making on parks and recreation issues that affect them.

Programming options are somewhat limited by a shortage of indoor facilities and the configuration of rooms at the Community Center. The greatest need is for large rooms with high ceilings which can accommodate a variety of uses.



**SENIORS (50+)**

Over 1,000 active members take advantage of the programs, health information, classes, travel, and special events offered by the Township. Annual dues are just \$15 for individuals and \$25 for households. Members are entitled to discounts on special events, free coffee daily, many free classes and activities, and access to the group travel program. In addition, the Township offers educational information and service assistance such as legal aid, tax return services, daily lunches through the Washtenaw County Nutrition Program, and more. A partial list of available programs is provided below.

**ART & ENRICHMENT CLASSES**

- Drawing with Soft Pastels
- Drawing made easy
- Portrait Drawing
- Working Studio
- Urban Sketching
- Color Theory

**PARTIES & EVENTS**

- Valentine’s Day
- Black History Month
- St. Patrick’s Day
- Earth Day
- Cinco de Mayo
- Quarter Mania
- Annual Talent Show
- Annual Potluck Picnic
- Annual Craft Fair

**FITNESS & EXERCISE**

- Enhance Fitness
- Pickleball
- Massage at the Center
- Zumba
- Golf
- Tai Chi
- Yoga
- Annual Health Fair

**DANCE & MUSIC**

- Line Dancing
- Hawaiian Dance for Exercise
- Tap
- Dance-R-Size
- Ballroom Dance
- Country Music Saturdays
- Music Makers
- Lively Singers

**GROUP ACTIVITIES**

- Mahjong
- Christmas Cards for Veterans
- Stamping & Card Making
- Bible Club
- Quilters Club
- Ceramics Club
- Card Playing Clubs

**LOCAL & EXTENDED TRAVEL**

- Tigers Spring Training
- Local Casinos
- Hawaiian Cruise
- Local Museums
- Plays & Musicals
- Holland Tulip Time
- Detroit Fireworks
- The Escape Room

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## YOUTH ACTIVITIES

Ypsilanti Township Recreation youth sports are intended to teach the basic rules of each sport, fundamentals, sportsmanship, fitness, and how to work together as a team. Each participant is allowed equal playing time and the opportunity to participate. The Township offers special events, dance, and youth enrichment options designed to meet the needs of children of all abilities.

### YOUTH SPORTS & FITNESS

- Basketball Leagues
- Soccer
- Baseball
- Flag football
- Tennis
- Little Ninjas
- Okinawan Karate
- Jump-A-Rama Gymnastics

### YOUTH DANCE

- Ballet
- Jazz
- Tap
- Creative Movement
- Hip Hop & Pom
- Jazz Funk
- Lyrical
- Modern
- Homeschool Youth Dance

### YOUTH ENRICHMENT

- Multi-media Art
- Exploration of Art
- Day Camps

### SPECIAL EVENTS

- JAR Superhero Gymnastics
- JAR Princess Gymnastics
- Mother Son Dance
- Trunk or Treat
- Nerf Wars

## ADULT PROGRAMS

The Township offers a number of sports leagues and enrichment programs throughout the year. Some of the programs offered include:

- Improv yourself
- Coed Softball
- Tennis
- Racquetball
- Coed Soccer

- Zumba
- Yoga
- Okinawan Karate
- Ballroom Dance
- Working Studio

- Drawing classes
- Watercolor Basics
- Urban Sketching
- Portrait Drawing



## Comparison to Recreation Standards

According to a 1996 National Recreation and Parks Association (NRPA) study, parks and open spaces are categorized as mini-parks, neighborhood parks, community parks, regional parks, and preserves. The mini, neighborhood, and community parks are considered “close-to-home” parks, designed to satisfy the recreational needs of local communities within a service radius of up to two miles. All of Ypsilanti Township’s parks are considered close-to-home parks. According to NRPA standards, the amount of recommended close-to-home park land is 6.25 to 10.5 acres for every 1,000 residents.

Regional parks are parks that serve a broader area (one hour drive or about a 45 mile radius) than community parks and focus on meeting the recreation needs of the region as well as preserving unique landscapes and open spaces. In Ypsilanti Township, this would include Rolling Hills County Park as well as the county, state, and HCMA-owned parks and recreation areas described in the preceding pages. The NRPA standard for regional parks is 15 to 20 acres of park land per 1,000 people.

According to these standards, local parks well exceed the range for recommended acreage for close-to-home park land. Using numbers based on population estimates for 2045, the amount of existing parkland should continue to be more than adequate to meet the Township’s recreation needs. Acreage provided by schools and private facilities further help meet resident recreation requirements. With over 65,000 acres of regional parks, Township residents are especially well-served by state and other recreation providers.

TABLE 7: Comparison to Recreation Standards

Type of Park	NRPA Standard Acres / 1000 Population	Suggested Acres based on 2045 population (61,233)	Existing Acreage
Close-to-home park	6.25 - 10.5	356 - 599	970
Regional Parks	15 - 20	855 - 1,140	65,000+
Local schools	-	-	150+

## National Recreation Trends

Recreation trends on a national and regional level provide insights into activities that show the greatest growth in popularity and may affect the future direction of parks and recreation. The National Sporting Goods Association (NSGA) regularly conducts national surveys to measure participation in physical activities and track changes from previous years. Table 15 lists the top seven outdoor activities persons aged seven years and older participated in at least once in 2016.

TABLE 8: National Sports Participation

Activity	Participation (National)	Overall Rank	Participation (East North Central Region)	Overall Rank
Exercise walking	106.3 million	1	15.4 million	1
Swimming	46.3 million	3	6.3 million	7
Running/jogging	44.5 million	5	6.2 million	8
Hiking	42.0 million	6	5.3 million	12
Camping	40.1 million	7	6.4 million	5
Bicycle riding	36.0 million	9	5.8 million	9
Fishing	29.5 million	13	5.4 million	10

Source: NSGA Sports Participation in the United States 2016

The 2018 study shows a continued trend towards individual-based outdoor activities, with open water sports, outdoor activities, and snow sports all showing increases in participation. Team related sports, with the exception of soccer and lacrosse, have showed a steady decline in popularity in recent years, while trail related sports continue to grow in popularity. The top growing outdoor activities between 2006 and 2016 were exercise walking (87.5 to 106.3 million), running/jogging (28.8 to 44.5 million), hiking (31.0 to 42.2 million) and kayaking (5.9 to 9.2 million).

These trends are consistent with trends observed in Michigan. According to a survey of Michigan residents conducted as part of the 2013-2017 Michigan Comprehensive Outdoor Recreation Plan, the top ten outdoor recreation activities in Michigan were identical to those listed in the NSGA study, with hunting, boating, and visiting playgrounds added to the list.

TABLE 9: Top Ten Outdoor Recreation Activities in Michigan

Activity	% Participating	Activity	% Participating
Biking	25	Play outdoor games/ sports (soccer, basketball, etc.)	17
Camping	24	Hunting/trapping	15
Fishing	23	Swimming	13
Walking outdoors	21	Boating	11
Hiking	20	Visit playgrounds	10

Source: Michigan Comprehensive Outdoor Recreation Plan

## Barrier Free Accessibility

A critical component in planning for recreation facilities is providing access to accommodate the needs of all people, including those with disabilities. The American Disabilities Act of 1990 (ADA) requires all areas of public service, including parks and other recreation facilities, to have barrier-free accessibility. Ypsilanti Township strives to ensure that its facilities comply with the Americans with Disabilities Act (ADA) requirements and continues to work towards bringing all facilities into compliance. A five-point evaluation system was used to rank each facility's accessibility. The system used to evaluate the facilities was developed using New England ADA Center and Michigan Recreation and Parks Association guidelines, and the 2010 ADA Standards for Accessible Design. Facilities are assigned a score from 1 to 5, where 1 = none of the elements meet 2010 ADA Standards, and 5 = the facility meets universal design principals.

- Level 1. The park is not accessible to people with a broad range of physical disabilities. The site includes few paved areas and facilities, such as play equipment or picnic areas, are not easily accessible.
- Level 2. The park is somewhat accessible to people with a broad range of physical disabilities. Either the parking area or pathways are paved, but not both. Many of the facilities, such as play equipment or picnic areas, are not easily accessible.
- Level 3. The park is mostly accessible to people with a broad range of physical disabilities. Most of the parking areas and pathways are paved, and some facilities, such as play equipment or picnic areas, are accessible but may not be completely barrier free.
- Level 4. The park is completely accessible to people with a broad range of physical disabilities. Parking areas and pathways are paved, and most facilities, such as play equipment or picnic areas, are easily accessible.
- Level 5. The entire park was developed or renovated using the principles of universal design, a design approach which enables all environments to be usable by everyone, to the greatest extent possible, regardless of age, ability, or situation. All new park construction projects in the Ypsilanti Township will be designed to meet or exceed the most recent requirements of the ADA while existing facilities will be brought into compliance as repair and update work are carried out.

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TABLE 10: Accessibility Assessment

Park	Score	Description/Recommendations
Appleridge	3	Play equipment ADA compliant. Compacted limestone trail compliant, but does not reach all amenities.
Big Island	1	Not developed.
Bud & Blossom	2	Play equipment ADA compliant, but no accessible routes to amenities.
Burns	2	Play equipment ADA compliant, but access impeded. No access to benches or picnic tables.
Clubview	2	Limestone path eroded and unstable at points. No access to amenities. Playground structure ADA compliant.
Community Center	2	Gravel parking lot with no accessible surface for HC spots. Ballfield and playgrounds ADA compliant. Crushed limestone trail but with abrupt transitions to some amenities (e.g. trail to playground equipment).

TABLE 10: Accessibility Assessment (continued)

Park	Score	Description/Recommendations
Fairway Hills	2	Asphalt path exceeds 5% slope without respites. No other accessible routes.
Ford Heritage	4	Playground equipment and surfacing ADA compliant. Multi-use paths compliant. Trash cans block entrance to ball fields, and paths leading to dugouts are slightly too narrow to be considered compliant.
Ford Lake	2	No accessible paths to sport and playground amenities. HC parking not distributed to all amenities (e.g. no HC parking near pickleball courts). Playground surfacing not ADA compliant.
Grove Road Overlooks	2, 4	The bench at the Loonfeather Point overlook is separated from the sidewalk by turf. The North Bay overlook is ADA compliant.
Harris	2	Gravel parking lot. No accessible routes to facilities. Playground equipment ADA compliant, but no access to them. Dugouts and bleachers not accessible.
Hewen's Creek	1	Gravel parking lot with no HC spots. Trails are mown or compacted earth trails, and are not compliant for surface or width.
Huron River	1	Not developed.
Lakeside	2	On western side, no accessible paths to pavilion, horseshoes, picnic tables. Some play equipment accessible. On eastern side, all trails are ADA compliant and pavilion is accessible.
Lakeview	2	Play structure ADA compliant, but no accessible path. No paths to playing fields.
Loonfeather Point	3	Play structure is accessible but safety surfacing is not ADA compliant. Swingset is not accessible. Trail leading to lakeshore exceeds 5% without respites.
Nancy	3	Playground equipment ADA compliant with adequate access from main path. Some erosion on limestone path and slopes too steep. No accessible paths to soccer and softball fields.
North Bay	2	Trails and bridges in bay area not accessible due to steep slopes and abrupt transition. Trail leading from main entrance area exceeds 5% without respites. Restrooms not compliant. Exercise equipment not accessible.
North Hydro	4	Gravel parking lot, but with accessible HC parking pad. Accessible kayak launch. Accessible paths to restrooms and around park perimeter. Benches are not accessible.
Pines	1	Equipment not ADA compliant. No safety surfacing. No accessible paths.
Rambling Rose	2	No accessible routes to equipment. Playground equipment ADA compliant.
South Hydro	1	Only entrance to park steep and uneven.
Sugarbrook	2	ADA compliant play equipment. Trail to play equipment needs maintenance. No access to basketball court.
Tot Lot	1	Playground equipment not ADA compliant. No access paths. Safety surface not compliant.
Watertower	1	Playground equipment not ADA compliant. No access paths. Safety surface not compliant.
Wendell Holmes	1	Gravel parking lot. No access to facilities.
West Willow	3	ADA compliant playground equipment, but no accessible routes to equipment, baseball field, or picnic tables.
Community Center (building)	4	Facilities are ADA compliant.

## Grant Assisted Projects

Ypsilanti Township has been awarded ten MDNR grants since 1976, with the most recent coming in 2010. Grant funding from Michigan Natural Resources Trust Fund (MNRTF) has been instrumental in developing recreation facilities for Ypsilanti Township residents. Table 10 presents a description of the MDNR grants received including the current use and condition of the grant-assisted park facilities.

TABLE 11: Grant Assisted Projects

Grant Number	Description	Grant Amount	Scope and Current Use / Condition
MNRTF 823	Ford Lake Acquisition	\$415,000	
MNRTF 824	Ford Lake Acquisition	\$1,190,000	
MNRTF 1051	Ford Lake Acquisition	\$264,600	
MNRTF 86-161	Ford Lake Golf Course	\$500,000	Development of Eagle Creek Golf Course in cooperation with Eastern Michigan University. The golf course is in excellent condition and is an important resource in the Township.
MNRTF 88-157	North Bay Park Boardwalk	\$375,000	Development of North Bay Boardwalk. Boardwalk is heavily used. While well maintained, the boardwalk will need significant renovations in five to ten years.
MNRTF 90-196	North Bay Development	\$75,000	
MNRTF 92-104	Ford Heritage Park	\$750,000	Acquisition of Ford Heritage Park land. The park is well attended and provides important ADA compliant recreation options for Township residents.
MNRTF 98-154	Hewen's Creek Land Acquisition	\$1,483,700	Acquisition of Hewen's Creek Park property. The property contains a number of volunteer-maintained rustic trails. It provides important green space for the community.
MNRTF 03-114	North Hydro Park Development	\$432,700	Pavilion, accessible kayak launch, and restroom development. The park is in excellent condition. It provides an important portage point for the Huron River Water Trail, and is the last accessible launch point in Washtenaw County.
MNRTF 10-055	Lakeside Park Improvements	\$500,000	Boathouse, trails, shelter, overlooks, docks, and parking. The improvements are in excellent condition. The area is utilized by EMU and Saline High School crews.

# Public Participation & Needs Assessment

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# Public Participation & Needs Assessment



An essential task in the recreation planning process is to determine the needs of the community to formulate an action plan for parks and recreation improvement. Needs provide the rationale for goals and objectives and identify areas for capital improvements. To assess needs, consideration was given to current recreation trends (see page 71). A Parks & Recreation Open House and an online survey were also conducted to receive opinions and desires from residents. In addition, several input sessions took place to allow Township officials, community stakeholders, staff, and residents to come together on the issues and arrive at strategic solutions to meet the Township recreation needs.

## Online Survey General Satisfaction

An online survey was made available to the public from June 15 through October 21, 2018. The survey link was publicized on the Township website, on the Parks & Recreation Facebook page, and on flyers at the Ypsilanti Township Community Center. Hard copies of the survey were also available at the Community Center and were on hand during the Parks & Recreation Open House. 113 total responses were collected, with the majority received in August and September. A copy of the survey and all responses is included in Appendix F.

When asked to rate items on a scale ranging from very important to not important, almost 77% of participants indicated that maintaining existing parks and recreation facilities is very important. Protecting natural resources (71%) and access to paths and trails (70%) were also highly ranked. Access to picnic facilities (16%) and active use facilities such as soccer and baseball fields (19%) ranked comparatively low. When looking at all responses marked “important” or “very important”, access to active use facilities was rated the lowest (50%).

Acquisition and development of new parks was also rated low (21%). This is consistent with the results from the following question, where 68% indicated that the Township has “the right amount” of parks. Over 73% of respondents stated that Ypsilanti Township recreation facilities meet family’s recreation needs, but they were more lukewarm about the quality of maintenance (9% excellent, 63% good), variety of amenities (9% excellent, 53% good), and safety (8% excellent, 62% good) in the parks.

“Access and equity for all residents is important to me. The township is diverse economically. It’s important that all residents have access to high quality facilities.”

- Survey Respondent

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**Percentage of responses marked “Important” or “Very Important” to the question: “How important are the following items to you and your family?”**

- Maintaining existing parks & rec facilities ..... 98%
- Protecting natural resources ..... 91%
- Access to paths & trails ..... 91%
- Access to picnic facilities..... 59%
- Access to recreation programming ..... 56%
- Acquire & develop new parks ..... 56%
- Access to active-use facilities (e.g. sports fields) ..... 50%

**Park & recreation facility ranking in terms of overall satisfaction:**

1. Ford Heritage Park.... 82%
2. Green Oaks GC..... 79%
3. North Bay Park..... 74%
4. Huron River Park ..... 69%
5. Burns Park..... 68%
6. Nancy Park ..... 68%
7. Ford Lake Park..... 68%
8. Bud & Blossom ..... 65%
9. Loonfeather Point.... 63%
10. Lakeview Park ..... 63%
11. Hewen’s Creek Park.. 61%
12. Comm. Center Park.. 57%
13. Clubview Park ..... 55%
14. Comm. Center..... 53%
15. N & S Hydro Parks ..... 53%
16. Big Island Park..... 53%
17. Lakeside (east) ..... 50%
18. Grove Rd Overlook... 49%
19. Fairway Hills Park..... 46%
20. Watertower Park ..... 46%
21. Sugarbrook Park ..... 45%
22. Lakeside (west) ..... 44%
23. West Willow Park..... 42%
24. Appleridge Park ..... 41%
25. Tot Lot Park ..... 41%
26. Pines Park ..... 36%
27. Harris Park ..... 36%
28. Rambling Road..... 35%
29. Wendell Holmes ..... 30%

On an individual park basis, participants indicated they were “very satisfied” or “satisfied” with Ford Heritage (82%), Green Oaks Golf Course (79%), and North Bay Park (74%). Conversely, Harris Park (35%), Pines Park (36%), Tot Lot Park (35%), and Wendell Holmes Park (30%) scored very low. The most common complaints involved maintenance, safety, and a lack of bathrooms. Ford Heritage was the most frequently visited park in the system, with 25% of respondents indicating that they visited the park 12 times or more annually. When asked what types of amenities they would like to see in the parks, over 54% indicated they would like improved restrooms.

**Top five park amenities requested by respondents.**

1. Multi-use walking trail (e.g. 10’-wide asphalt) ..... 67%
2. Rustic walking paths (e.g. crushed limestone)..... 57%
3. Improved restrooms ..... 54%
4. Fitness/exercise trails ..... 36%
5. Nature center ..... 35%

### Non-Motorized Transportation

Over 83% of respondents indicated that they participated in walking or trail sports, with 43% indicating that they walk, hike, or run more than three times per week. Another 66% indicated that they bicycle for exercise or recreation at least once or twice per month. 67% noted they would like to see more multi-use (10-foot wide paved) pathways, while another 57% were interested in seeing rustic (compacted limestone) trails in natural areas. Over 82% stated they would like to see the trail system expanded in the Township. Respondents were primarily interested in seeing a loop completed around Ford Lake. The most frequently mentioned routes were South Huron/Whittaker Road from I-94 to Bemis and South Huron River Drive from Whittaker to Textile. A route along Stony Creek Road to Rolling Hills County Park was also suggested. The most frequently suggested item, however, was improving the connection across I-94 into Ypsilanti. MDOT, WATS, and Washtenaw County Road Commission are familiar with the problem and are actively looking into methods of addressing the problem.

Relatively few respondents took advantage of the Huron River Water Trail. 64% indicated that they rarely or never kayaked or canoed. It is difficult to ascertain from the survey if this is due to a lack of information, a lack of access, or some combination of the two. Several written comments suggested a desire to improve lake access and visibility.

**“Maybe some group kayak/canoeing events/ activities a few times a year on Ford Lake, Huron River and Belleville Lake. These are wonderful resources that we have.”**

*- Survey Respondent*

**“Need to do something about connecting bike route around I-94 - connect Ford Lake with a trail around Eastern Michigan not on the street.”**

*- Survey Respondent*

#### Most frequently mentioned trail routes:

- |                      |  |
|----------------------|--|
| 1. Huron River Drive | 6. Border to Border (expanded/connect) |
| 2. Textile           | 7. To library                          |
| 3. Whittaker         | 8. Connect to City of Ypsilanti        |
| 4. Over/around I-94  | 9. To parks                            |
| 5. To Ford Lake      |  |

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“As a member of the ‘over 55’ age group, I would like to enjoy some of the programs offered by the senior center. However, most of those programs take place during the normal workday hours - I am still actively employed. It would be nice to see some of those classes offered during the evening time..”

- Survey Respondent

### Programming

Only 21% of respondents indicated that they felt programming was very important, and 72% of respondents did not take advantage of recreation programming in the Township. When asked about variety, quality, and cost of programs, the majority in each instance was, “Don’t know”. This lack of awareness suggests that Ypsilanti Township residents are not being adequately informed regarding available programming. Additional outreach and marketing efforts could bring up participation levels. When the “don’t know” category is removed, most respondents were satisfied with Ypsilanti Township programming. Respondents marked “good” or “excellent” for the variety of programs (58%), quality (70%), and cost (78%).

No particular area of programming stood out as being highly desirable. Summer camps received the least interest, with only 25% of respondents marking the category “important” or “very important”. Adult programs and nature education (37%) and concerts and shows (34%) were the most desired program offerings. Individual comments noted a lack of teen-oriented programming, a lack of awareness regarding programming, and issues with the timing of program offering.

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“You have a treasure in the art instructor Tina Hotchkiss; keep her going!”

- Survey Respondent

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### Programming options described as “Important” or “Very Important”:

1. Special events & festivals .....	46%
2. Adult sports & fitness .....	43%
3. Senior (50+) programs & trips.....	43%
4. Skills workshops.....	43%
5. Summer camps .....	25%

### Top five programs requested by respondents:

1. Adult programs .....	37%
2. Nature education.....	37%
3. Concerts & shows .....	34%
4. Programs for 50 and better.....	31%
5. Exercise & fitness.....	31%

"I had no idea there were so many options, I will look into Ypsi Twp parks more often!"

- Survey Respondent

## Frequently Mentioned Items

A few amenities were mentioned multiple times in open-ended comments. Open-ended comments can create a false sense of the desirability of a particular project. These particular projects, however, are very commonly desired by communities and the frequency of the comments suggests that there is a real need for their development in the Township.

### Dog park

While only 27% of respondents indicated that they would like to see dog parks developed in the parks, the topic was mentioned at least ten times in the open-ended comments. In discussions at the Open House, determining the appropriate location was considered a challenge. Utilizing other Township-owned properties in high visibility locations was suggested as an alternative versus placing one in existing park space.

### Splash pad

Splash pads, pools, and access to water was frequently mentioned as well. Respondents utilized the water park at Rolling Hills, but expressed concerns about cost. Survey participants noted a desire for splash pads "like they have in Canton" i.e. smaller, neighborhood park-scale pads with free access.

### Community Center/Gym

While respondents appreciated the existing Community Center, it was clear that the facility does not meet the Township's needs. Many respondents specifically noted a need for a workout space/gym and swimming facilities. The current building is effectively land locked by the surrounding golf course, so expansion at that location is not an option. Re-purposing existing school buildings was mentioned as an alternative, as was partnering with recreation providers such as the YMCA to build a new facility somewhere in the Township.

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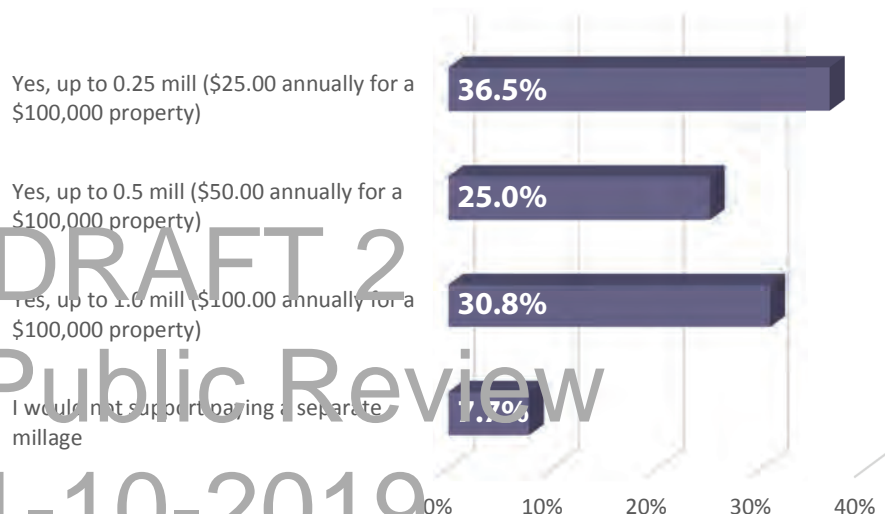
**“I’m surprised at how little I know about the parks that are not located on the lake or river. Overall - great job on the park system. It’s the greatest highlight in Ypsilanti Township.”**

*- Survey Respondent*

### Millageage

Strong park and recreation systems require a steady source of income to ensure adequate funding for park maintenance and development. The survey respondents were overwhelmingly in support of a dedicated millage to fund acquisition, development, and maintenance of recreation facilities in the Township. While the majority (37%) were willing to support up to a 0.25 mill, a large percentage (31%) would support up to 1.0 mills. Only 8% indicated they would not support any form of millage.

FIGURE 23: Response rates to question: “Would you support a dedicated millage that would only be used to fund acquisition, development, and maintenance of recreation facilities?”



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## Parks & Recreation Open House

A Parks & Recreation Open House was held at the Ypsilanti Township Civic Center on September 10, immediately prior to a regularly scheduled Parks Commission meeting. Approximately 20 people attended the meeting, with representatives from the Parks Commission, Board of Trustees, and Planning Commission on hand as well. Boards covering regional and local non-motorized facilities, programming, and regional and local parks were set up in the main lobby of the Civic Center. Participants were invited to write down their comments on sticky notes and affix them to the boards. 3x5 cards were also available, as were hard copy versions of the online survey. A copy of the notes is included in Appendix F.

The comments received at the Open House very closely resembled those submitted to the online survey. Pedestrians and cyclists expressed the same concerns about trail facilities, and suggested similar routes for development. The crossing over I-94 at South Huron Road was a primary concern.

Like the online survey, dog parks, improved/expanded bathroom facilities, and splash pads were top priorities for participants. Access to Ford Lake and the Huron River received somewhat higher attention at the Open House versus the survey; participants noted a desire for boat rental facilities (e.g. a canoe livery), but also mentioned park-sponsored boat trips on the lake and a possible boat slip or marina at Ford Lake Park.

At least one individual expressed a desire to have neighborhood level design charrettes for some of the smaller parks. The charrette would provide residents a chance to give direct input on which amenities would be placed in the park, and come up with creative financing solutions to fund the park development.





## Ypsilanti 2040 Design Charrette

A design charrette in support of the Ypsilanti 2040 Comprehensive Plan was held at the Ypsilanti Township Community Center from October 16 through 19, 2018. The charrette involved community stakeholders, governmental representatives, and surrounding community groups to compile a thorough overview of community interests. Discussions regarding non-motorized planning in particular proved to be extremely valuable.

The participants in the charrette greatly valued their parks and view them as critical open spaces. There was a definite desire to see improved access to Ford Lake, with suggestions ranging from creating lakeside restaurant spaces to providing boat tours with stops at all of the lakeside parks. Improving lakeside viewsheds was suggested as a way to raise property values and develop the character of the community. This concept was echoed in the online survey.

A round-table discussion with representatives from WATS, MDOT, Washtenaw County Parks & Recreation (WCPR), and Washtenaw County Road Commission (WCRC) revealed that feasibility studies are under way regarding the I-94 overpass at South Huron. The study is looking at alternative traffic alignments leading in to the City as well as implementing non-motorized facilities on the bridge over I-94. Once the study is complete, the various entities will work with the Township, City, and regional authorities to address funding and implementation issues related to the project. All told, residents may see work completed on the project by as early as 2022.

The group also discussed alternative trail alignments along Hitchingham and Stony Creek Road. It was determined that existing trail facilities along Hitchingham could be connected fairly easily to make a contiguous off-road trail. A multi-use path could then be extended through Hewen's Creek Park and connect to Rolling Hills County Park, requiring minimal easements through private properties. While a route along Stony Creek would be desirable, it would require significantly more access through private property, and involves more terrain challenges than the Hitchingham route.

Some participants also expressed concerns about growth rates and development patterns on the south side of the Township. The potential loss of agricultural properties was viewed as a negative, with residents citing increased congestion on area roads and a lack of any viable shopping areas. While development of park properties was not mentioned, preservation of farm properties and potential partnerships with environmental advocacy or historic preservation groups was discussed. Whether the Township continues with the existing subdivision model or chooses to preserve historic agricultural properties, residents agreed that adding non-motorized infrastructure along major roadways would help to ease traffic congestion and provide safe routes for residents to travel by foot or bicycle.



## Public Review And Public Hearing

After the Parks and Recreation Commission members considered the input received and reviewed the recreation trends, deficiencies, and other background information, they established the goals, objectives, and an action program for the implementation of this plan. A draft plan was then prepared which was made available for public review beginning on November 29, 2018. Copies were available for review at the Township Hall, the Ypsilanti District Library, the Ypsilanti Township Community Center, on the Township's website, and on the Township's specially designated Master Planning website. The plan's availability for public review was posted at the aforementioned locations and in the Washtenaw Legal News.

Following the 30-day public review, the Parks and Recreation Commission approved the plan and recommended adoption of the plan by the Township Board of Trustees. The public input into the plan culminated in an advertised public hearing held on January 15, 2019. Finally, the plan was officially adopted by the Township Board of Trustees at a special meeting held on January 29, 2019.

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# Goals & Objectives

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## Goals & Objectives



The following goals and objectives are formulated to be broad enough to encompass the needs expressed from the public, Township officials, staff, and the observed deficiencies in the recreation resources. They also consider demographics, current and anticipated growth and development, the area's physical resources, and recreation trends.

Ypsilanti Township developed a mission statement, general goals, policies and objectives as part of its 2014 Parks and Recreation Master Plan. These statements were reviewed and refined as needed as part of this Parks and Recreation Master Plan update. Ypsilanti Township formulated the goals and policies based upon the characteristics of the overall community and the input received from staff, officials, and the community.

### Ypsilanti Charter Township Parks & Recreation Mission Statement

The purpose of the Charter Township of Ypsilanti Parks and Recreation system is to ensure that a wide array of recreational opportunities, both passive and active, will be available to people with and without disabilities in the most integrated setting and for people of all age groups, interests and abilities of the community, while protecting and conserving the integrity of our natural and historic resources.

### General Overall Goals in Support of the Mission Statement

- Goal A: Enhance the current park and recreation system with improved access, safety and mobility between the existing and planned recreation sites throughout the community.
- Goal B: Maintain and improve the current system while incorporating a broader array of recreational opportunities.
- Goal C: Ensure the conservation of highly sensitive woodland, wetland and wildlife habitats within the Township.

### Policies in Support of these Goals

- I. Enhance the current Park system with improved access, safety and mobility within existing and planned recreation sites.
  - a) Adhere to and exceed established ADA guide lines and standards.
  - b) Pursue increased cooperation and support to complete the non-motorized pathway system.

- c) Coordinate with appropriate roadway jurisdictions, school districts and neighboring municipalities regarding the access to, and safety of, pathway crossings, park entrances and recreation facilities.
  - d) Link parks, schools and other public destinations within the system of pathways.
  - e) Institute a cohesive and comprehensive wayfinding and interpretive signage program for all parks and trails.
- II. Maintain and Improve the Park System.
- a) Provide park and recreation facilities that meet the needs of current and future residents as well as meet the needs of all age groups and all abilities.
  - b) Seek a balanced approach towards developing active and passive, indoor and outdoor recreational options within the community.
  - c) Develop a long range plan of improvements that addresses the issue of aging parks and park infrastructure and needed staffing levels.
  - d) Actively pursue cooperation and coordination of all existing and planned recreation facilities currently being operated by local school districts, nonprofit organizations and institutions which may include other municipal governments, schools and Washtenaw County.
  - e) Explore and evaluate opportunities to increase access to Ford Lake through programming or infrastructure improvements.
  - f) Inform and encourage the active participation of the adjoining neighborhoods and businesses in the development, operation, and support of new parks and programs in their area.
  - g) Seek partnerships with schools and other organizations to share facilities and services to reduce costs and improve the overall quality of operation.
  - h) Improve and expand promotion and education programs to better inform Township residents about existing programs and facilities.
  - i) Explore the potential to add winter uses to existing parks such as outdoor ice skating rinks, sledding hills, cross country ski trails, etc.
  - j) Explore the potential to add features/facilities in the parks such as fitness stations, adult play equipment, etc.

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- III. Preserve significant natural features located in the Township, and integrate natural feature preservation into land use and recreation decisions.
  - a) Preserve steep slopes through the adoption of a steep slope ordinance.
  - b) Restore degraded steep slope areas, particularly along the Huron River and Ford Lake.
  - c) Work with the Federal Energy Regulatory Commission (FERC) to meet the recreational goals of their management plan for Ford Lake.
  - d) Preserve wetlands, watercourses, and woodlands as development occurs.

### **Objectives in Support of the Goals**

- I. Continue ongoing preparation and planning for parks and recreation facility improvements/expansion.
  - a) Prepare conceptual site plans and preliminary cost estimates for the development and/or renovation of all Township community parks and facilities, including maintenance and operational costs and expenses.
  - b) Identify and prepare park projects for annual updates of the Capital Improvement Plan including removal of deteriorated park amenities.
  - c) Continue to explore alternative funding options for park facility operations and maintenance.
  - d) Adhere to the review process required by the Township to ensure the development of high quality parks and recreation facilities.
  - e) Adhere to the Capital Improvement planning process to ensure that projects are appropriately evaluated based on fiscal, environmental and physical impacts to all citizens and the Township.

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- II. Improve cooperation and collaboration among regional recreation providers.
  - a) Promote and implement recreational programming at park facilities in partnership with encompassing school districts, charter schools, and other similarly structured organizations.
  - b) Explore partnerships, joint ventures, and alliances with neighboring public and private groups to provide greater recreational services.
  - c) Coordinate with school officials to improve scheduling and access to recreational areas and facilities.
  - d) Improve coordination and cooperation with other communities, the County, region and State to expand the availability of recreation options for Ypsilanti Township residents.
  - e) Coordinate with agencies involved in open space preservation and land conservancy.
  - f) Coordinate the planning process and share information with surrounding communities, Washtenaw County, VARS, SEMCOG, and the State of Michigan in projecting future recreation needs of residents.
  - g) Engage in joint programming for recreational activities whenever possible.
- III. Foster increased community involvement in park planning and operation.
  - a) Encourage citizens to participate in volunteer programs at recreational facilities.
  - b) Provide for regular citizen input and participation in recreation planning and decision-making.
  - c) Inform and encourage the participation of surrounding neighbors and the homeowners associations in the planning and development of new parks in their areas.
  - d) Hold neighborhood-specific design charrettes for underdeveloped parks to receive specific, concrete solutions for park development.

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- IV. Work with Washtenaw County Parks and Recreation Commission, MDOT, Washtenaw County Roads Commission, and other relevant departments to expand and improve non-motorized trail facilities in the Township.
- a) Provide surface improvements along the south side of South Grove to ensure that the Border-to-Border Trail conforms with standards for a 10-foot multi-use trail.
  - b) Provide non-motorized connection to the City of Ypsilanti via the South Huron Road bridge, connecting to existing facilities on South Huron.
  - c) Finalize connections to Van Buren Township through North Hydro Park to Rawsonville Road.
  - d) Evaluate potential routes along Huron River Drive, Whittaker, Textile, and to existing park and municipal facilities.
  - e) Provide additional amenities, such as interpretive signage, rest stations, water fountains, or trail heads.
  - f) Evaluate options for additional linkages to the Border-to-Border Trail.
- V. Provide better and more suitable access to Ford Lake and the Huron River.
- a) Evaluate opportunities for addition of a canoe/kayak livery
- VI. Maintain reasonable user fees and charges to help support park facilities. Evaluate adjustments to the fees if needed to help cover operations and maintenance costs.
- VII. Explore additional teen and/or senior oriented facilities.

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# Action Program

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# ACTION PROGRAM



The action program details the manner in which the goals and objectives will be met. It includes a list of specific actions, as well as a schedule with suggested tasks to be accomplished and strategies for implementation. This list is not a fixed element and is neither all-inclusive nor exclusive. The schedule reflects the results of the input received from the various methods of community input, Township staff, Steering Committee and Park Commission members, and the Township Board. Future circumstances, especially availability of funding, may change priorities or require reprioritization of items.

The following actions are recommended for accomplishment during the five-year planning period addressed by this plan.

## ACTION PLAN – PARK SPECIFIC

### Community Parks

- For all community parks:
  - Evaluate construction of permanent bathroom facilities
    - Where permanent facilities are not feasible, provide portable toilets on a seasonal basis
    - Prepare community education program to inform residents of the barriers to implementing permanent toilets in all facilities, including issues with cost, vandalism, and ongoing maintenance
- Ensure that all facilities meet ADA standards for accessibility
  - Accessible routes to playground equipment, sports facilities, picnic facilities, and other amenities must be provided
  - Adequate numbers of handicapped parking spaces with signage must be provided.
- Incorporate or improve educational and wayfinding signage
- Evaluate parks opportunities to utilize parks for outdoor programming such as yoga, movie nights, nature education, and similar functions
- Add additional landscaping and/or trees where appropriate
- Add stormwater management features where appropriate

## Community Center Park

- Ensure facilities meet ADA standards for accessibility
  - o Ensure that there are adequate numbers of handicapped parking spaces (6 required for 151-200 total spaces) and install concrete parking pads or upgrade gravel surface to asphalt or permeable pavers
  - o Upgrade dugouts to meet ADA requirements for entrance width and seating
- Upgrade wooded area paths to crushed limestone or EWF surfacing and provide wayfinding
- Pursue opportunities to install art installations that provide recreational functions
- Resurface tennis courts and convert/add pickleball courts
- Evaluate opportunities for shared-use agreement with owners of former school properties
- Pursue skate park development with assistance from the Tony Hawk Foundation

FIGURE 24: Community Center Park Action Plan



NOT TO SCALE

0 100 200 400

### **Ford Heritage Park**

- Repair poured-in-place surfacing under playground equipment
- Consider addition of small splash pad

### **Ford Lake Park**

- Ensure facilities meet ADA standards for accessibility
  - Ensure adequate numbers of handicapped parking spaces (8 required for 301-400 total spaces)
  - Ensure accessible routes are provided to all park amenities
  - Ensure that safety surfacing is ADA compliant
- Evaluate opportunities for boat slips and/or marina
- Evaluate opportunities for boat tour or shuttle service between Lakeside, North Bay, Big Island, Huron River, and Ford Lake Parks
- Consider construction of a canoe/kayak livery

### **Harris Park**

- Ensure facilities meet ADA standards for accessibility
  - Ensure that there are adequate numbers of handicapped parking spaces (2 required for 26-50 total spaces) and install concrete parking pads or upgrade gravel surface to asphalt or permeable pavers
  - Upgrade dugouts to meet ADA requirements for entrance width and seating
  - Provide accessible routes to playground equipment, sports fields, and bathrooms
- Upgrade concession building, bathroom, and picnic shelter
- Create barrier in northeast corner using berms and/or plants to discourage cut-throughs along railroad tracks
- Evaluate conversion of one field into a Miracle League Field

### **Loonfeather Point Park**

- Upgrade picnic shelters
- Evaluate opportunities for boat tour or shuttle service between Lakeside, North Bay, Big Island, Huron River, and Ford Lake Parks

### **North Bay Park**

- Reconfigure path from playgrounds to lakeside to meet ADA standards
- Evaluate maintenance options for boardwalk including possible board replacement with Trex or similar material
- Evaluate possible path and/or boardwalk expansion along Ford Lake to connect with Huron River Park
- Evaluate opportunities for boat tour or shuttle service between Lakeside, North Bay, Big Island, Huron River, and Ford Lake Parks

FIGURE 25: Ford Heritage Park Action Plan



NOT TO SCALE

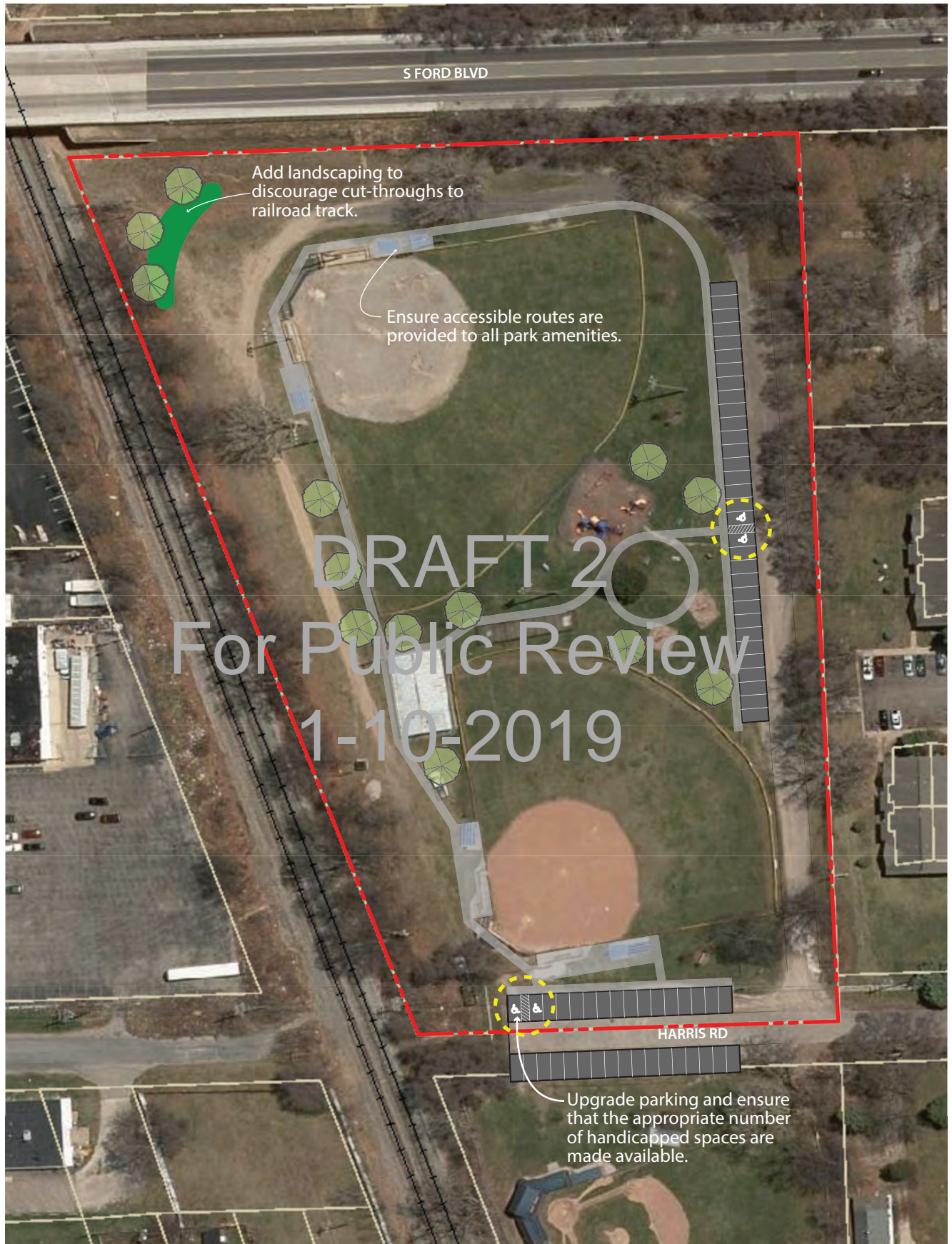
0 100 200 400

FIGURE 26: Ford Lake Park Action Plan



NOT TO SCALE 0 100 200 400

FIGURE 27: Harris Park Action Plan



NOT TO SCALE 0 30 60 120

FIGURE 28: Loonfeather Point Park Action Plan



NOT TO SCALE



FIGURE 29: North Bay Park Action Plan



NOT TO SCALE 0 100 200 400



### **North Hydro Park**

- Add playground equipment
- Consider addition of canoe/kayak livery
- Improve portage connection across Bridge Road with crosswalk and safety lighting
- Evaluate bridge or boardwalk connection to South Hydro Park
- Evaluate options for amphitheater or stage development
- Partner with Washtenaw County Parks & Recreation to finalize Border-to-Border Trail alignment across eastern side of property with connection to Rawsonville Road

### **South Hydro Park**

- Remove "Canoe Portage" sign from western park entrance
- Evaluate options for providing access from Textile Road and continuation of access road to river edge with small parking lot
- Evaluate options for connecting to North Hydro Park via boardwalk or pedestrian bridge
- Evaluate possible acquisition and development of parcel in medistely south of property
- Evaluate options for amphitheater or stage

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FIGURE 30: North & South Hydro Park Action Plan



NOT TO SCALE 0 150 300 600

## **Neighborhood Parks**

For all neighborhood parks:

- Evaluate addition of seasonal portable bathroom facilities
  - o Prepare community education program to inform residents of the barriers to implementing permanent toilets in all facilities, including issues with cost, vandalism, and ongoing maintenance
- Ensure that all facilities meet ADA standards for accessibility
  - o Accessible routes to playground equipment, sports facilities, picnic facilities, and other amenities must be provided
  - o Where parking is provided, adequate numbers of handicapped spaces with signage must be available
- Incorporate or improve educational and wayfinding signage
- Evaluate parks opportunities to utilize parks for outdoor programming such as yoga, movie nights, nature education, and similar functions
- Add additional landscaping and/or trees where appropriate
- Add stormwater management features where appropriate
- Work closely with neighborhood groups to gather input for designing and programming park facilities

### **Appleridge Park**

- Update play equipment and surfacing
- Provide accessible routes to basketball courts and remove obstruction to playground equipment
- Create pathways through wooded area with connection to Bud and Blossom Park

### **Bud and Blossom Park**

- Create accessible paths from sidewalk to playground equipment, benches, and picnic facilities
- Create pathways through wooded area with connection to Appleridge Park

FIGURE 31: Appleridge and Bud & Blossom Park Action Plan



NOT TO SCALE 0 100 200 400

## Burns Park

- Provide accessible routes to benches and picnic tables

FIGURE 32: Burns Park Action Plan



## Lakeside Park

- Upgrade western picnic shelter and bathrooms
- Upgrade parking lot and ensure adequate handicapped parking spaces are included (1 required)
- Upgrade play equipment and surfacing
- Improve connections between east and west side of park
- Evaluate opportunities for boat tour or shuttle service between Lakeside, North Bay, Big Island, Huron River, and Ford Lake Parks
- Evaluate options for lakeside amphitheater-style seating for race events

FIGURE 33: Lakeside Park Action Plan



NOT TO SCALE 0 60 120 240

### **Clubview Park**

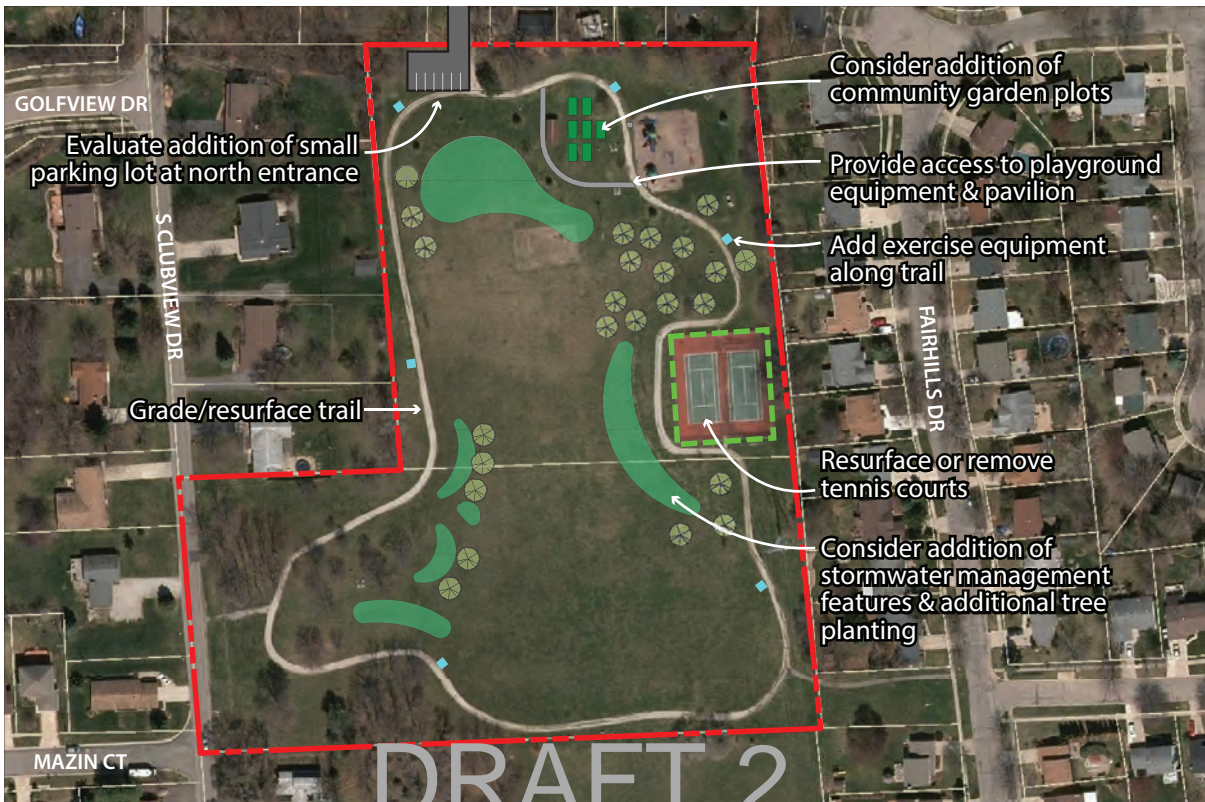
- Regrade and resurface pathway
- Provide accessible routes to playground equipment and pavilion
- Add exercise equipment along path
- Resurface or remove tennis courts
- Evaluate construction of small parking area near north park entrance
- Evaluate feasibility of adding community gardens
- Evaluate opportunities for incorporating stormwater management features into park, such as rain gardens or constructed wetlands

### **Fairway Hills Park**

- Reconfigure pathway to be ADA compliant
- Add second path from Colony Way
- Evaluate opportunities to convert park to a strategic natural area with stormwater features and additional tree plantings

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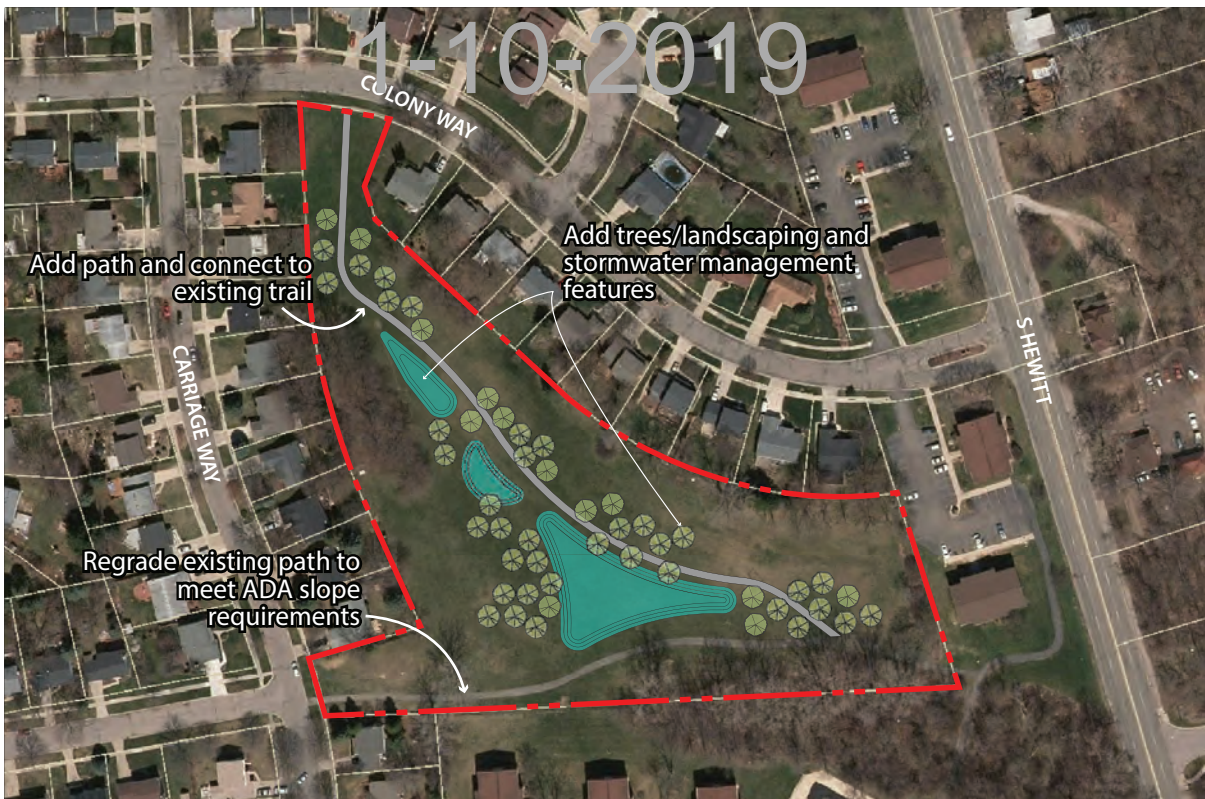
FIGURE 34: Clubview Park Action Plan



1" = 100'-0" 0 25 50 100

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FIGURE 35: Fairway Hills Park Action Plan



1" = 100'-0" 0 25 50 100



**Lakeview Park**

- Provide accessible routes to playground equipment, benches, and picnic facilities
- Evaluate opportunities for further development in field on eastern edge of park

**Nancy Park**

- Provide accessible route to soccer and baseball fields and regrade/resurface limestone trail

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FIGURE 36: Lakeview Park Action Plan



 NOT TO SCALE 0 60 120 240

FIGURE 37: Nancy Park Action Plan



 NOT TO SCALE 0 60 120 240

## **Rambling Road Park**

- Provide accessible routes to benches and picnic tables
- Add small picnic pavilion
- Remove basketball court
- Create pathway with connection to Rambling Road through Township-owned parcel on south side of park
- Add additional trees and stormwater management features (rain gardens)

## **Sugarbrook Park**

- Work with neighbors to develop a park design which addresses safety concerns while providing high quality recreation opportunities
- Consider divestiture of southern edge of park for housing to provide eyes on the park and help increase safety
- Evaluate options for installing security cameras and lighting
- Move playground equipment to north side of park and adjust basketball court layout
- Add accessible walks and small gazebo
- Add trees and/or landscaping

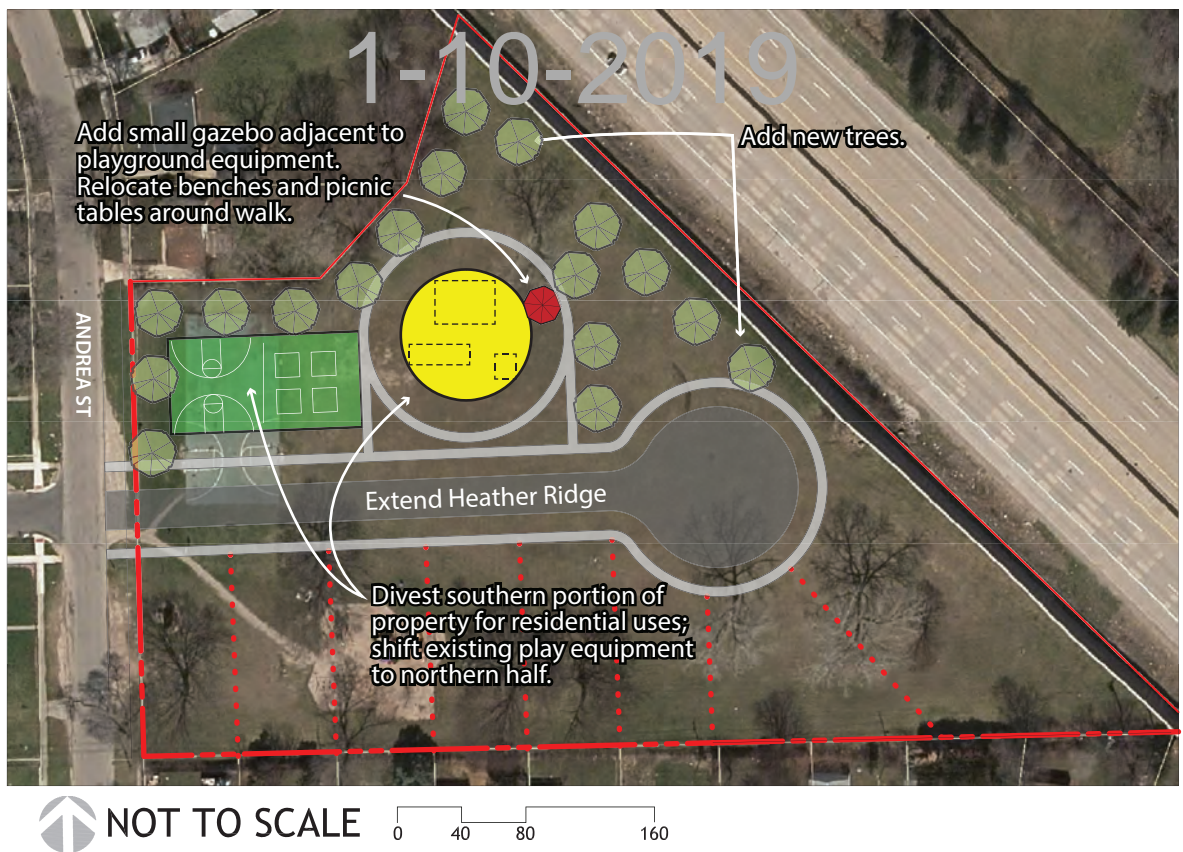
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FIGURE 38: Rambling Road Action Plan



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FIGURE 39: Sugarbrook Park Action Plan



### **Wendell Holmes Park**

- Add sidewalk along west edge of park, and accessible routes to park amenities
- Expand and upgrade parking lot with appropriate handicapped access spots
- Add pickleball courts
- Add small picnic pavilion
- Evaluate potential for land swap with Ypsilanti School District

### **West Willow Park**

- Evaluate opportunities to develop shared use space with Whitehead Memorial Church of God, including relocation of the picnic shelter
- Upgrade picnic shelter
- Add parking area at southern park entrance
- Upgrade playground equipment
- Remove abrupt transitions to playground equipment and improve access to ball field

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FIGURE 40: Wendell Holmes Park Action Plan



FIGURE 41: West Willow Park Action Plan



### **Mini-Parks**

For all mini-parks:

- Work closely with neighborhood groups to gather input for designing and programming park facilities
- Remove outdated equipment
- Consider creative alternatives for sites such as art installations, rain garden facilities, and gazebos/sitting areas
- Ensure that all facilities meet ADA standards for accessibility

### **Grove Road Overlooks**

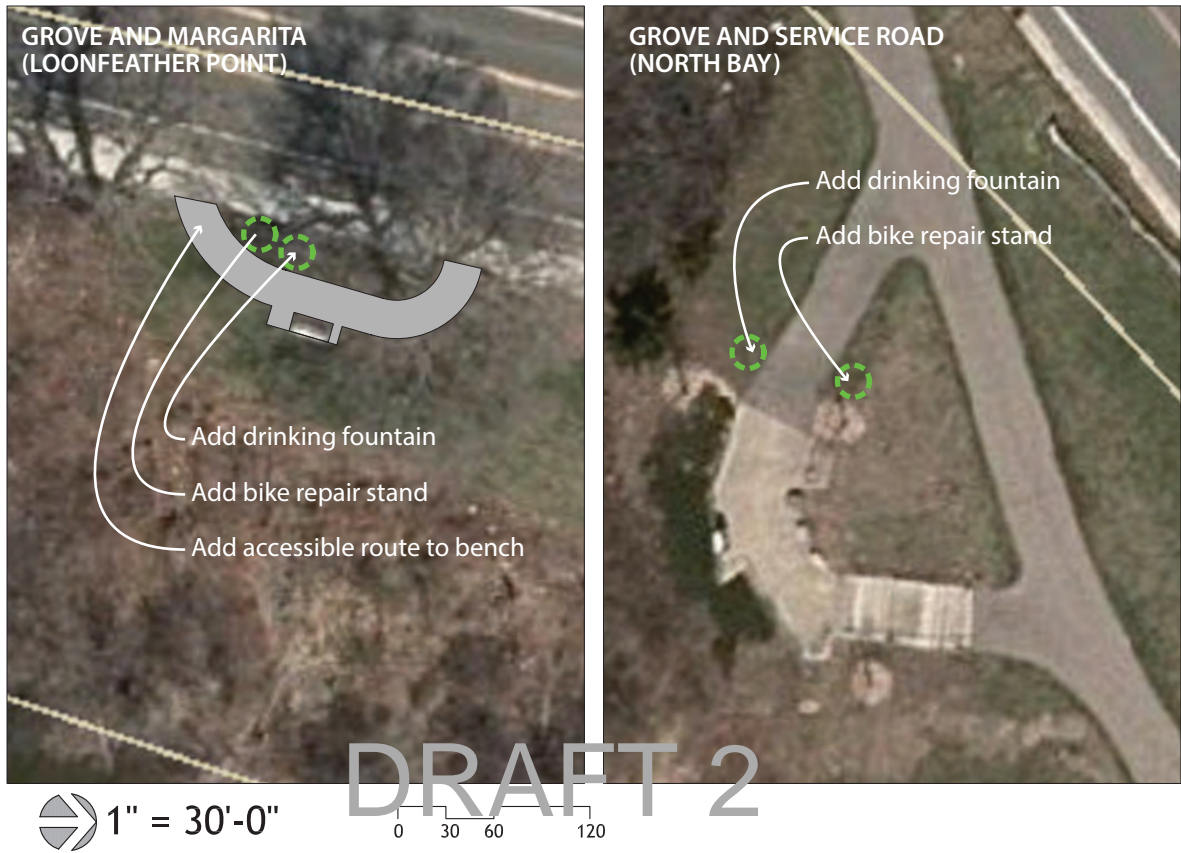
- Loonfeather Point Only: Provide accessible route to bench.
- Add bike stand/repair station
- Evaluate addition of public artwork
- Evaluate addition of drinking fountains

### **Pines Park, Tot Lot Park, Watertower Park**

- Remove existing play structures
- Add demonstration rain garden
- Evaluate addition of public art or sitting gazebo

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FIGURES 42a & b: Grove Road Overlooks Action Plan



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FIGURE 43: Pines Park Action Plan





FIGURE 44: Tot Lot Park Action Plan

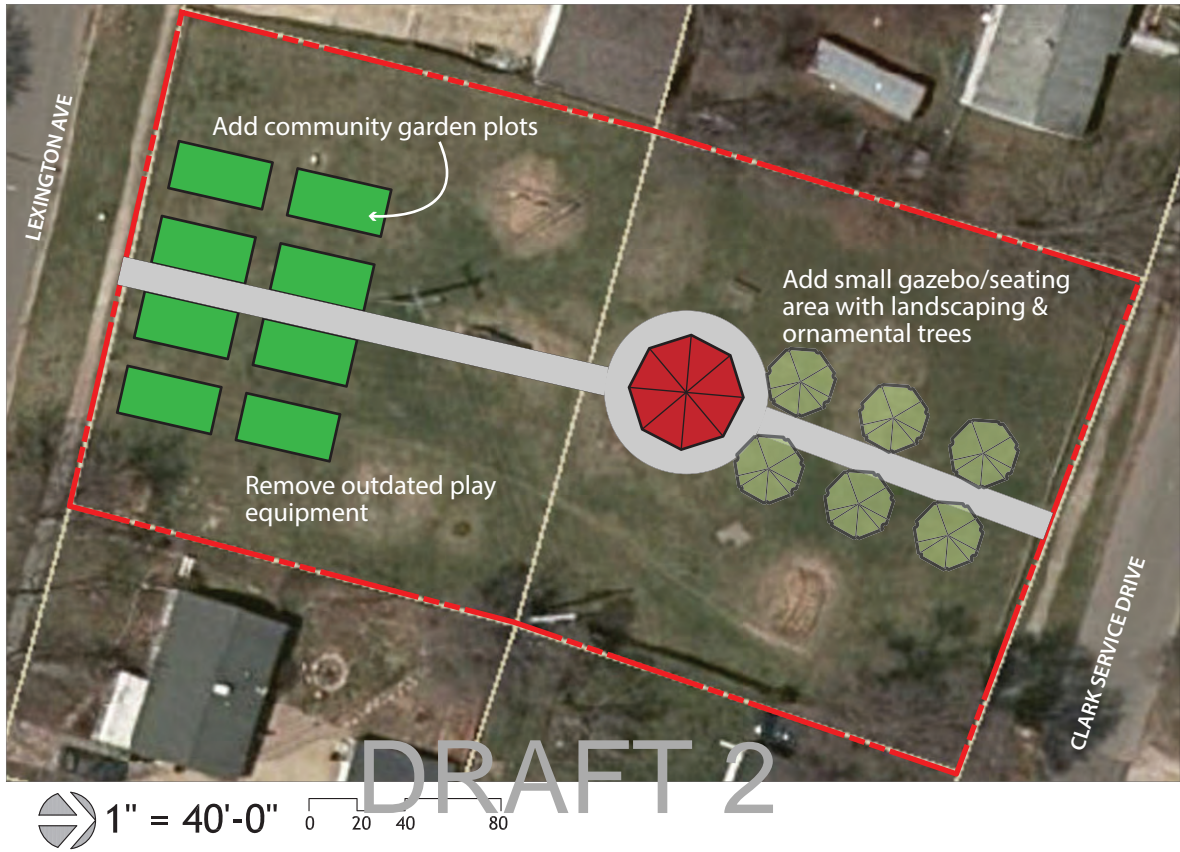
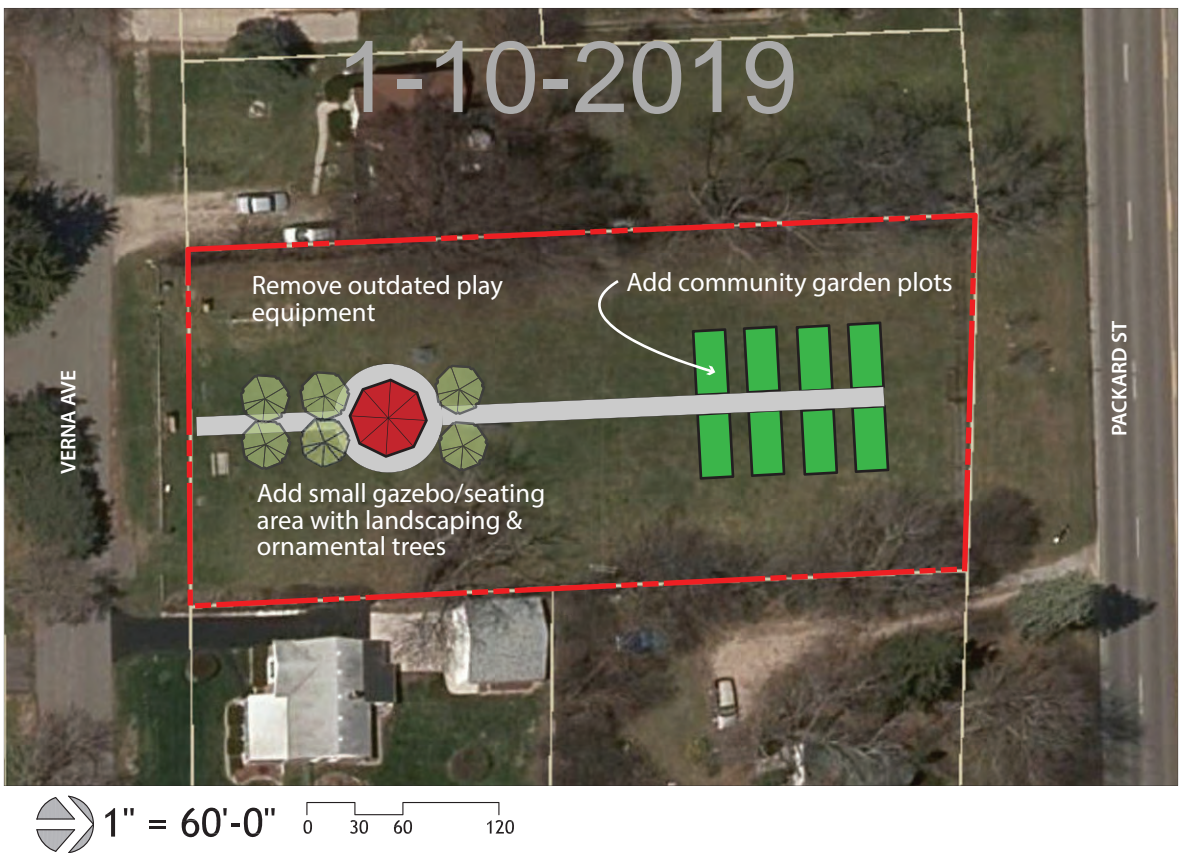


FIGURE 45: Watertower Park Action Plan



## Specialty Parks

For all preserves and specialty parks:

- Ensure that all facilities meet ADA standards for accessibility

### Big Island Park

- Evaluate opportunities for boat tour or shuttle service between Lakeside, North Bay, Big Island, Huron River, and Ford Lake Parks
- Add boat dock
- Partner with UM, EMU, Huron River Watershed Council, or other natural area advocacy groups to implement natural area restoration program

FIGURE 46: Big Island Park Action Plan

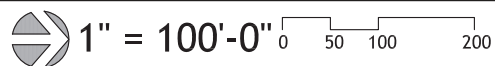
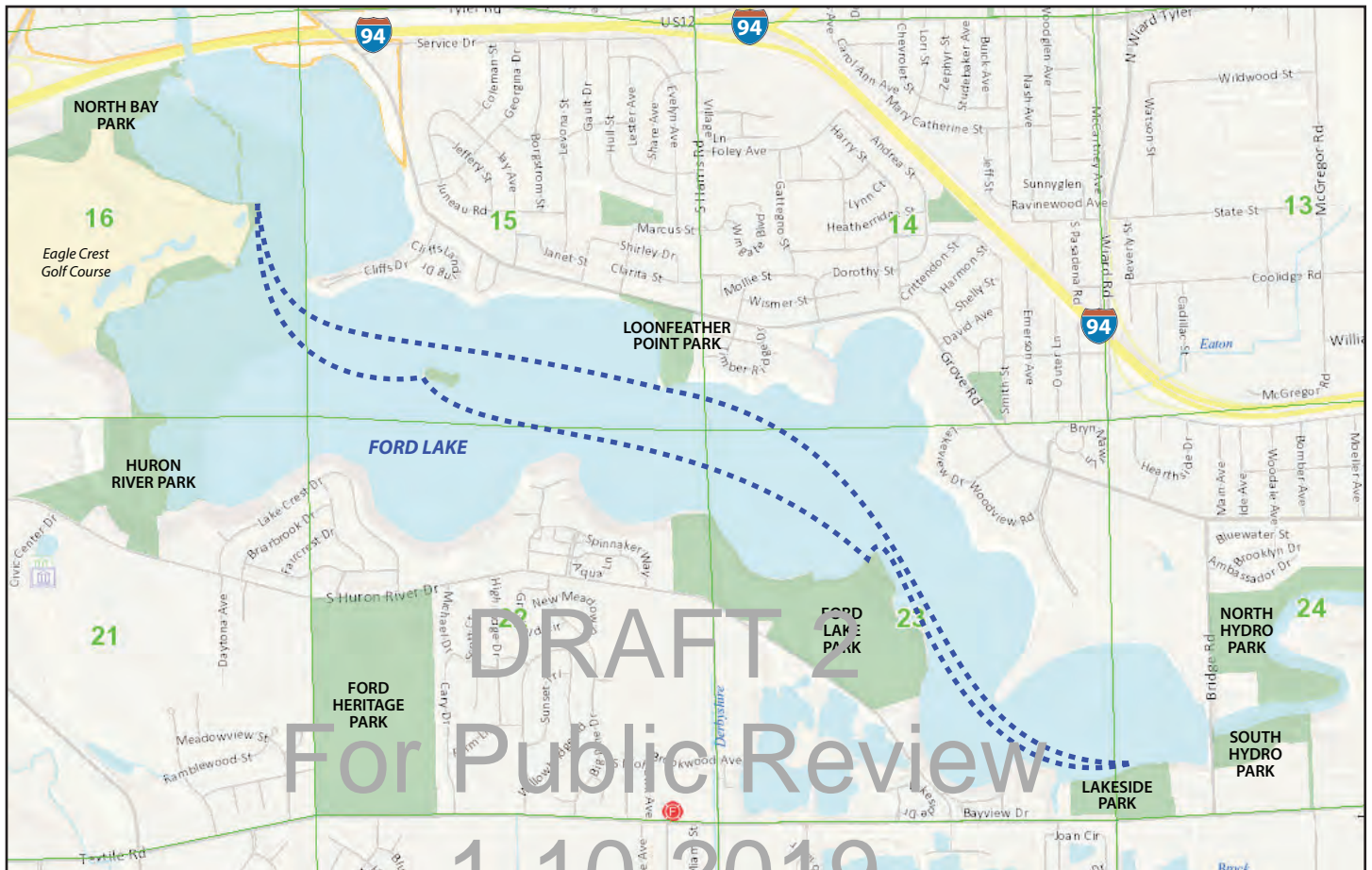


FIGURE 47: Proposed Shuttle Service Route



**Hewen’s Creek Park**

- Ensure facilities meet ADA standards for accessibility
  - o Ensure that there are adequate numbers of handicapped parking spaces (1 required for 1-25 total spaces) and install concrete parking pads or upgrade gravel surface to asphalt or permeable pavers
  - o Upgrade at least 20% of trails to crushed limestone or EWF surface
- Add trailhead on eastern side of property
- Add wayfinding signage at trailheads and create mile marker/trail system
- Evaluate opportunities to create trail connecting from Hitchingham Road to Stony Creek Road/Rolling Hills County Park
- Add bike stand/repair station

FIGURE 48: Hewen's Creek Park Action Plan



## Huron River Park

- Add park signage
- Add small road pulloff with parking
- Evaluate options for internal park trail to Ford Lake
- Evaluate opportunities to connect to North Bay Park via paths and/or boardwalk

FIGURE 49: Huron River Park Action Plan



NOT TO SCALE 0 75 150 300

## ACTION PLAN – PROJECTS NOT DIRECTLY RELATED TO SPECIFIC EXISTING FACILITIES

### Dog Park

- Create a Dog Park Subcommittee to evaluate site selection alternatives and prepare design concepts
- Work with Planning Commission and Board of Trustees to evaluate Township-owned properties, including those not currently managed by Parks & Recreation, for suitable sites
- Consider development of a large facility at a community park with adequate parking. If successful, evaluate opportunities for smaller facilities in neighborhood parks, one on the south side and one on the north side of the Township

### Splash Pad

- Create a Splash Pad Subcommittee to evaluate site selection alternatives and prepare design concepts
- Consider development of two small facilities, one on the south side and one on the north side of the Township, at a community park with adequate parking.

### Recreation Center

- Develop partnership with YMCA to create new recreation center on Township property
- Develop partnership with EMU, UM, and similar institutions to assist with programming and art installation projects throughout Township
- Repurpose existing Community Center as a dedicated Seniors facility

### Non-motorized Pathways

- Work with Planning Commission and Board of Trustees to establish priority routes throughout the Township with a focus on connections to park properties, residential nodes, and commercial hubs
- Support the Non-motorized Plan development and provide input on routes suggested as part of the Recreation Planning efforts
- Continue to partner with Washtenaw County Parks & Recreation to develop, maintain, and provide connections to the Border-to-Border Trail

### Marketing

- Develop quarterly newsletter to be mailed to residents detailing park and programming activities and opportunities
- Continue to use Constant Contact, Facebook, and other forms of social media to reach out to the community
- Update Parks webpage to include detailed park maps and descriptions, links to programming options, and links to regional amenities
- Actively promote recreation opportunities at community events

## PROJECT SCHEDULE

Table 11 lists individual projects along with the specific task to be accomplished, the project goal reference, cost estimate, and potential funding sources. In addition, a time frame for completion has been assigned with short-term projects (ST) recommended for completion within one to two years, long-term projects (LT) within five to six years, and mid-term projects (MT) somewhere in between. On-going projects (OG) are projects that are continued.

TABLE 12: Project Schedule

Project / Location	Cost Estimate	Funding Source	Time Frame
<b>COMMUNITY PARKS</b>			
<b>COMMUNITY CENTER PARK</b>			
Parking lot Option A: concrete handicapped parking pads	\$ 5,000 - 10,000	LF	ST
Parking lot Option B: upgrade to asphalt surface (entire lot)	\$ 150,000 - 200,000	LF, D, G	MT - LT
Add crushed limestone path in wooded area	\$ 2,500 - 5,000	LF, D, G	MT - LT
Evaluate addition of permanent toilet facilities	\$ 35,000 - \$50,000	LF, D, G	MT - LT
Upgrade safety surfacing to Engineered Wood Fiber (EWF) or other surface that meets ADA requirements and fall height regulations	\$ 5,000 - 8,000	LF	ST - MT
Add trees	\$ 15,000 - 20,000	LF, D, G	MT - LT
Add stormwater feature	\$ 100,000 - 120,000	LF, D, G	MT - LT
Upgrade dugouts to meet ADA standards	\$ 20,000 - 30,000	LF, D, G	MT - LT
Evaluate opportunities for art installation / climbing structure	TBD	LF, D, G, P	MT - LT
Supply accessible routes to park amenities	\$ 5,000 - \$8,000	LF	ST - MT
<b>FORD HERITAGE PARK</b>			
Repair poured-in-place surfacing under play structure	\$ 5,000 - 10,000	LF	MT
Evaluate addition of permanent toilet facilities	\$ 35,000 - \$50,000	LF, D, G	MT - LT
Install small splash pad	\$ 125,000 - 200,000	LF, D, G	MT - LT
<b>FORD LAKE PARK</b>			
Provide accessible routes to all facilities	\$3,000 - 5,000	LF, D, G	ST - MT
Upgrade safety surfacing to Engineered Wood Fiber (EWF) or other surface that meets ADA requirements and fall height regulations	\$ 5,000 - 8,000	LF	ST - MT
Evaluate options for adding boat slips or marina	TBD	LF	LT
Evaluate options for adding a canoe / kayak livery	TBD	LF	LT
<b>HARRIS PARK</b>			
Parking lot Option A: concrete handicapped parking pads	\$ 2,500 - 4,000	LF	ST
Parking lot Option B: upgrade to asphalt surface (entire lot)	\$ 40,000 - 50,000	LF, D, G	MT - LT
Provide accessible routes to all facilities	\$3,000 - 5,000	LF, D, G	ST - MT
Upgrade dugouts to meet ADA standards	\$ 10,000 - 20,000	LF, D, G, P	MT - LT
Upgrade concession building / bathroom / picnic shelter	\$ 40,000 - 50,000	LF, D, G, P	MT - LT
Create landscape barrier in northwest corner of park	\$ 15,000 - 20,000	LF, D, G	MT
Evaluate options for converting field to Miracle Field	TBD	LF, D, G, P	LT

LF = Local Funds, G = Grants, D = Donations, P = Partnership  
TBD = To be determined

TABLE 12: Project Schedule (continued)

Project / Location	Cost Estimate	Funding Source	Time Frame
<b>LOONFEATHER POINT PARK</b>			
Upgrade picnic shelters	\$ 15,000 - 30,000	LF, D, G	MT
Upgrade safety surfacing to Engineered Wood Fiber (EWF) or other surface that meets ADA requirements and fall height regulations	\$ 3,000 - 5,000	LF	ST
<b>NORTH BAY PARK</b>			
Reconfigure path from playground to lakeside to be ADA compliant	\$ 50,000 - 100,000	LF, D, G	MT
Create maintenance fund for boardwalk with plan to replace existing boards with Trex or similar material	\$ 150,000 - 200,000	LF, D, G	OG
Evaluate boardwalk connecting Huron River Park with North Bay Park	\$ 200,000 - 300,000	LF, D, G	LT
Upgrade safety surfacing to Engineered Wood Fiber (EWF) or other surface that meets ADA requirements and fall height regulations	\$ 3,000 - 5,000	LF	ST
<b>NORTH &amp; SOUTH HYDRO PARKS</b>			
Add playground equipment	\$ 40,000 - 80,000	LF, D, G	MT - LT
Evaluate options for adding a canoe / kayak liver /	TBD	LF	LT
Improve portage connection across Bridge Road	\$ 25,000 - 35,000	LF, G, P	ST - MT
Evaluate bridge or boardwalk connecting to South Hydro	TBD	LF, G, D	LT
Evaluate opportunities for amphitheater or stage development	\$ 25,000 - 30,000	LF, G, D	LT
Remove South Hydro "Canoe Portage" sign	\$ 200	LF	ST
Partner with Washtenaw County Parks & Recreation to complete Border-to-Border segment with connection to Rawsonville Road	TBD	LF, D, G, P	ST - MT
Work with Planning Commission and Board of Trustees to evaluate potential for acquisition and development of parcel immediately south of South Hydro Park	TBD	LF, D, G	LT
<b>NEIGHBORHOOD PARKS</b>			
<b>APPLERIDGE PARK</b>			
Update play equipment & surfacing	\$ 40,000 - 80,000	LF, D, G	MT - LT
Provide accessible routes to all facilities	\$2,000 - 4,000	LF, D, G	ST - MT
Create limestone path through wooded area with connection to Bud & Blossom Park	\$ 2,500 - 3,000	LF, D, G	MT
<b>BUD &amp; BLOSSOM PARK</b>			
Provide accessible routes to all facilities	\$1,000 - 3,000	LF, D, G	ST - MT
<b>BURNS PARK</b>			
Provide accessible routes to all facilities	\$ 500 - 1,000	LF, D, G	ST - MT

LF = Local Funds, G = Grants, D = Donations, P = Partnership  
TBD = To be determined



TABLE 12: Project Schedule (continued)

Project / Location	Cost Estimate	Funding Source	Time Frame
<b>LAKESIDE PARK</b>			
Provide accessible routes to all facilities	\$ 500 - 1,000	LF, D, G	ST - MT
Upgrade western picnic shelter and bathrooms	\$ 35,000 - 40,000	LF, D, G	MT
Parking lot Option A: concrete handicapped parking pad	\$ 5,000	LF	ST
Parking lot Option B: upgrade to asphalt surface (entire lot)	\$ 20,000 - 30,000	LF, D, G	MT - LT
Update play equipment & surfacing	\$ 40,000 - 80,000	LF, D, G	MT - LT
Improve connections between east and west side of park	\$ 1,000 - 2,000	LF, D, G	ST - MT
Evaluate options for lakeside amphitheater seating	\$ 20,000 - 30,000	LF, D, G, P	LT
<b>CLUBVIEW PARK</b>			
Regrade/resurface existing trail	\$ 3,000 - 4,000	LF, D	ST
Provide accessible routes to all facilities	\$ 1,000 - 2,000	LF, D, G	ST
Add exercise equipment along path	\$ 20,000 - 30,000	LF, D, G	MT - LT
Resurface or remove tennis courts	\$ 10,000 - 20,000	LF, D, G	ST - MT
Add small parking lot	\$ 10,000 - 15,000	LF, D, G	MT - LT
Add community gardens	\$ 5,000 - 10,000	LF, D, G	MT - LT
Add stormwater features	\$ 150,000 - 250,000	LF, D, G, P	LT
<b>FAIRWAY HILLS PARK</b>			
Reconfigure pathway to be ADA compliant	\$ 10,000 - 12,000	LF, D, G	ST
Add pathway from Colony Way	\$ 10,000 - 2,000	LF, D, G	MT - LT
Add stormwater management features	\$ 200,000 - 250,000	LF, D, G, P	LT
Add trees	\$ 20,000 - 25,000	LF, D, G, P	LT
<b>LAKEVIEW PARK</b>			
Provide accessible routes to all facilities	\$ 500 - 1,000	LF, D, G	ST - MT
<b>NANCY PARK</b>			
Provide accessible routes to all facilities	\$ 500 - 1,000	LF, D, G	ST - MT
Resurface / regrade existing limestone trail	\$ 500 - 1,000	LF, D, G	ST - MT
<b>RAMBLING ROAD PARK</b>			
Provide accessible routes to all facilities	\$ 1,000 - 2,000	LF, D, G	ST - MT
Add small picnic pavilion	\$ 10,000 - 15,000	LF, D, G	MT - LT
Remove basketball court	\$ 1,000 - 2,000	LF	ST
Create pathway connecting to Rambling Road	\$ 1,000 - 2,000	LF	MT
Add trees	\$ 10,000 - 15,000	LF, D, G	MT - LT
Add stormwater management features	\$50,000 - 60,000	LF, D, G, P	LT
<b>SUGARBROOK PARK</b>			
Evaluate opportunities to partner with the Planning Commission and Board of Trustees to reconfigure park to accommodate housing on south side of property, and shift existing facilities to the north	TBD	LF, D, G, P	MT

LF = Local Funds, G = Grants, D = Donations, P = Partnership  
TBD = To be determined

TABLE 12: Project Schedule (continued)

Project / Location	Cost Estimate	Funding Source	Time Frame
<b>WENDELL HOLMES PARK</b>			
Add sidewalk along west edge of park and provide accessible routes to park amenities	\$ 5,000 - 10,000	LF, D, G, P	MT
Expand and upgrade parking lots	\$ 20,000 - 30,000	LF, D, G	MT - LT
Add pickleball courts	\$ 60,000 - 80,000	LF, D, G	LT
Add small picnic pavilion	\$ 20,000 - 25,000	LF, D, G	MT - LT
<b>WEST WILLOW PARK</b>			
Upgrade picnic shelter	\$ 20,000 - 25,000	LF, D, G, P	MT - LT
Add parking area at southern entrance	\$ 10,000 - 15,000	LF, D, G	MT - LT
Upgrade playground equipment	\$ 40,000 - 80,000	LF, D, G	LT
Provide accessible routes to all facilities	\$ 1,000 - 2,000	LF, D, G	ST
<b>MINI-PARKS</b>			
<b>GROVE ROAD OVERLOOKS</b>			
Provide accessible routes to all facilities	\$ 1,000 - 2,000	LF, D, G	MT - LT
Add bike stand/repair station	\$2,500 - 4,000	LF, D	MT - LT
Add drinking fountains	\$ 5,000 - 8,000	LF, D	MT - LT
Consider adding artwork/sculptures	TBD	LF, D, G, P	LT
<b>PINES PARK</b>			
Remove existing play structure	\$ 500 - 1,000	LF	ST
Add demonstration rain garden	\$ 20,000 - 30,000	LF, D, G, P	MT - LT
Consider adding artwork	TBD	LF, D, G, P	LT
<b>TOT LOT PARK</b>			
Remove existing play structure	\$ 500 - 1,000	LF	ST
Add small gazebo	\$ 10,000 - 12,000	LF, D, G	MT
Add landscaping	\$ 10,000 - 15,000	LF, D, G	MT
Add community garden plots	\$ 5,000 - 8,000	LF, D, G, P	LT
<b>WATERTOWER PARK</b>			
Remove existing play structure	\$ 500 - 1,000	LF	ST
Add small gazebo	\$ 10,000 - 12,000	LF, D, G	MT
Add landscaping	\$ 10,000 - 15,000	LF, D, G	MT
Add community garden plots	\$ 5,000 - 8,000	LF, D, G, P	LT

LF = Local Funds, G = Grants, D = Donations, P = Partnership  
TBD = To be determined

TABLE 12: Project Schedule (continued)

Project / Location	Cost Estimate	Funding Source	Time Frame
<b>SPECIALTY PARKS</b>			
<b>BIG ISLAND PARK</b>			
Add boat dock	\$ 5,000 - 10,000	LF, D, G	LT
<b>HEWEN'S CREEK PARK</b>			
Upgrade parking lot to meet ADA standards	\$ 3,000	LF	ST
Upgrade at least 20% of trail system to comply with ADA regulations	\$ 10,000 - \$20,000	LF, D, G	MT
Add trailhead to eastern side of property	\$ 5,000	LF, D, G	ST
Develop wayfinding signage and trail marker system	\$ 5,000 - 10,000	LF, D, G	ST - MT
Evaluate alternatives for trail from Hitchingham Road to western park boundary	\$ 300,000 - 400,000	LF, D, G	ST - MT
Obtain easements to complete trail from western edge of park to Stony Creek Road / Rolling Hills County Park	TBD	LF, D, G, P	MT - LT
<b>HURON RIVER PARK</b>			
Add park signage	\$ 2,000 - 4,000	LF	ST
Develop road pulloff and parking area	\$ 15,000 - 20,000	LF, D, G	ST - MT
Develop internal trail system	\$ 15,000 - 20,000	LF, D, G	MT

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*LF = Local Funds, G = Grants, D = Donations, P = Partnership  
TBD = To be determined*

## IMPLEMENTATION STRATEGIES

In order to accomplish the recommended actions during the next five years, it will be necessary to secure adequate funding. The current budget provides only a limited amount of funds for park development and improvements. The amount is well short of the projected expenses involved in the project schedule. Therefore, the following strategies are recommended to proceed as planned.

### Apply for Federal Funding

At the federal level, the *Michigan Department of Transportation (MDOT) funds Transportation Enhancements (TE)* activities for community-based projects that expand travel choices and enhance the transportation experience by improving the cultural, historic, aesthetic, and environmental aspects of the transportation infrastructure. To be eligible, a project must fall into one of the TE activities. Activities which may apply to Ypsilanti Township include:

- Provision of facilities for pedestrians and bicycles such as walkways, curb ramps, bike parking, off-road trails, bike and pedestrian bridges and underpasses;
- Educational programs for pedestrians and bicyclists designed to encourage walking and bicycling by providing potential users with education and safety instruction through classes, pamphlets, and signage; and
- Preservation, conversion, and use of abandoned railway corridors for acquisition, development, planning, design, and construction of multi-use trails, as well as purchasing unused railroad property for reuse.
- A minimum 20 percent local match is required for proposed projects and applications are accepted online on an on-going basis.

The *Safe Routes to School* program is a national movement to make it safe, convenient, and fun for children to bicycle and walk to school. When routes are safe, walking or biking to and from school is an easy way to get the regular physical activity children need for a healthy lifestyle. In Michigan, the program is sponsored by the Michigan Governor's Council on Physical Fitness and has gained momentum over the past few years. With the passage of the federal transportation legislation in 2005, Michigan's Safe Routes to School program made schools eligible for transportation enhancement funds, providing for infrastructure improvements and education campaigns. The purpose of the program, as defined in the federal legislation, is to:

- Enable and encourage children, including those with disabilities, to walk and bicycle to school;
- Make bicycling and walking to school a safer and more appealing transportation alternative, thereby encouraging a healthy and active lifestyle from an early age; and
- Facilitate the planning, development, and implementation of projects and activities that will improve safety and reduce traffic, fuel consumption, and air pollution in school areas.

The program provides mini grants for programming and major grants to help communities build sidewalks, crosswalks, and other infrastructure. Up to \$200,000 per school is available for infrastructure projects, and \$8,000 to build programming around the project. Communities must undergo an in-depth planning process prior to submitting an application. Deadlines are ongoing and awarded on a rolling basis. SR2S funding is 100 percent federal; no match is required.

## Apply for State Funding

At the state level, the *Land and Water Conservation Fund (LWCF)* and the *Michigan Natural Resources Trust Fund (MNRTF)* continue to be the primary funding sources for parkland acquisition and development.

The MNRTF provides funding for the purchase and development of parkland for natural resource based preservation and recreation. Goals of the program are to:

- Protect natural resources and provide for their access, public use and enjoyment;
- Provide public access to Michigan's water bodies, particularly the Great Lakes and facilitate their recreation use;
- Meet regional, county and community needs for outdoor recreation opportunities;
- Improve the opportunities for outdoor recreation in urban areas; and
- Stimulate Michigan's economy through recreation related tourism and community revitalization.

Grant proposals must include a local match of at least 25 percent of the total project cost. There is no minimum or maximum for acquisition projects. For development projects, the minimum funding request is \$15,000 and the maximum is \$300,000. Applications are due in April and August for acquisition projects and April (only) for development projects.

The LWCF is a federal appropriation to the National Park Service, who distributes funds to the Michigan Department of Natural Resources and Environment for development of outdoor recreation facilities. The focus of the program has been on trailway systems and other community recreation needs such as playgrounds, picnic areas, skate parks, ball fields, soccer fields and walking paths. Minimum grant requests are \$30,000 and maximum grant requests are \$150,000. The match percentage must be 50 percent of the total project cost. Applications are accepted throughout the year, but must be in by April 1 to be considered for the following year's grant funds.

The *Recreation Passport* grant program offers funding for the development of public recreation facilities for local units of government. Minimum grant requests are \$7,500 and maximum requests are \$75,000. The local match obligation is 25 percent of the total project cost. Applications are typically due on April 1st.

## Seek Local Funding

The *Washtenaw Coordinated Funders*, a collaboration of the Office of Community & Economic Development (representing the City of Ann Arbor, Washtenaw County, and Washtenaw Urban County), the United Way of Washtenaw County, the Ann Arbor Area Community Foundation, and the RNR Foundation, offers funding for program operations and capacity building grants for projects involving Aging, Housing & Homelessness, Safety-Net Health & Nutrition, and Cradle to Career – including both Early Childhood & School-Age Youth.

The *Washtenaw County Parks and Recreation Commission* does not have a formal dedicated fund to allow distribution of grants, but it does partner with communities on a case-by-case basis to assist with development of parks and/or non-motorized trail facilities. Their *Connecting Communities Program*, dedicated to the development of regional non-motorized trail facilities, was re-instituted in 2017 and offers funding for a variety of initiatives including trail development. Local units of government may use the Forest Stewardship program to develop a management plan for a municipal forest which would include a component targeting outreach to private landowners. A total of \$2,000 may be granted with a 50 percent local match. Applications are due in September. Non-game Wildlife Fund Grants have also been offered in the past to identify, protect, manage, and restore native plant and animal species, natural communities, and other natural features.

The ***Detroit Edison Tree Planting program*** began as DTE joined the US Department of Energy's voluntary Climate Challenge Program to address greenhouse gas emissions. Cost-share funds are available to municipalities in the Detroit Edison's service area on a competitive basis for tree planting projects. A total of up to \$4,000 may be granted to eligible tree planting projects on public and school property with a 50 percent local match. Applications are typically due in February.

### **Apply for Other Grant Funding**

There are also a variety of smaller grant programs available for the establishment of greenways/pathways or greenway-related facilities such as ***Bikes Belong Coalition***. The Bikes Belong Coalition is sponsored by members of the American Bicycle Industry. Their mission is to put more people on bikes more often. The program funds projects in three categories: Facility, Education and Capacity Building. Requests for funding can be up to \$10,000 for projects such as bike paths, trails, lanes, parking, and safe routes to school. Applications are reviewed on a quarterly basis.

***Access to Recreation*** is a grant program available for universal access of people of all abilities to a wide variety of recreation opportunities, such as nature viewing and photography areas, hiking trails, scenic outlooks, waterfalls and water activities of all kinds, beaches, fishing and boating, playgrounds, picnic areas, campgrounds, and much more. There are two primary grant programs under this source of funding:

***Recreation Access Matching Grant*** provides up to 50 percent matching funds (up to \$10,000) for the purchase of universally accessible recreation equipment and materials such as all terrain hiking wheelchairs, pool lifts, accessible playground surface, transfer systems, beach access mats, trail surface enhancements, and accessible picnic tables that enhance recreation participation by people with disabilities; and

***Accessible by Design Awards*** is designed to stimulate the development of creative universally designed recreation experiences that invite, welcome, and support the inclusion of people of all abilities. Winning designs demonstrate how going above and beyond the minimum requirements of the Americans with Disabilities Act can create greater access and usability for people of all abilities in the community. Winning designs are awarded cash prizes to build the projects up to \$250,000 with 25 percent minimum match.

### **Increase Support for Parks**

Public support for parks and recreation will be crucial in determining the level of services the Township will be able to provide in the future. A specific park or project millage over a limited period could be considered in the future for particular projects such as park or trail acquisition, development, or maintenance.

### **Seek Other Sources of Funding**

The Parks Commission should continue to search for additional sources of funding. Seeking donations, attracting sponsors, holding fund-raising events and seeking out other revenue sources are methods that should be pursued aggressively to raise funding for park acquisition and development. Renaming rights for parks is another alternative that could be considered.

DRAFT 2  
For Public Review  
1-10-2019

# Appendices



1-10-2019



**YpsiTwp-Recreation Plan**

NOTICE OF RECREATION PLAN AVAILABILITY FOR REVIEW Ypsilanti Township Parks and Recreation is seeking public input regarding the Ypsilanti Township 2019 - 2023 Parks and Recreation Master Plan. The Michigan Department of Natural Resources requires a minimum 30-day public review process as part of the master planning process. A formal public hearing for adoption of the Plan will be held upon completion of the 30-day review period. A hard copy of the draft master plan is available for review at the following locations: "ç Ypsilanti Township Community Center, 2025 East Clark Road, Ypsilanti "ç Ypsilanti Township Civic Center, 7200 South Huron River Drive, Ypsilanti "ç Ypsilanti District Library, 5577 Whittaker Road, Ypsilanti "ç The draft plan is also available online on the Township's website at www.YTown.org.  
11/29


**AFFIDAVIT OF PUBLICATION**

(Affidavit of Publisher)

STATE OF MICHIGAN,  
SS.  
COUNTY OF WASHTENAW

The undersigned, an employee of the publisher of Washtenaw County Legal News, having knowledge of the facts, being duly sworn deposes and says that a notice, a true copy of which is annexed hereto, was published in Washtenaw County Legal News a newspaper circulated in Washtenaw County on November 29, 2018 A.D.

DRAFT 2  
For Public Review  
1-10-2019

  
Sheila Pursglove

Subscribed and sworn before me on this 8th day of January 2019 A.D.

  
Vicky Blanshard

Notary Public Washtenaw County, Michigan. My commission expires: August 9, 2020 Acting in Washtenaw County, Michigan.

Attorney: Ypsilanti Twp. - Ypsilanti Twp.  
AttorneyFile#:   
Notice#: 1369734

# APPENDIX A:

## NOTICES OF DRAFT PLAN AVAILABILITY & PUBLIC HEARING

### YpsiTwp-Parks and Rec

Charter Township of Ypsilanti NOTICE OF PUBLIC HEARING Ypsilanti Township Parks and Recreation is seeking public input regarding the Ypsilanti Township Parks and Recreation Master Plan. A Public Hearing will take place as part of the regularly scheduled Township Board meeting at 7:00 p.m. on January 15, 2019, at the Tilden R. Stumbo Civic Center, 7200 S. Huron River Dr., Ypsilanti, Michigan. A draft copy of the plan has been available for review since November 29, 2018 and will remain available through the date of the hearing. The plan can be viewed at the following locations: • Ypsilanti Township Community Center, 2025 East Clark Road, Ypsilanti • Ypsilanti Township Civic Center, 7200 South Huron River Drive, Ypsilanti • Ypsilanti District Library, 5577 Whittaker Road, Ypsilanti • The draft plan is also available online on the Township's website at [www.YTown.org](http://www.YTown.org).  
01/03

### AFFIDAVIT OF PUBLICATION

(Affidavit of Publisher)

STATE OF MICHIGAN,  
ss.  
COUNTY OF WASHTENAW

The undersigned, an employee of the publisher of Washtenaw County Legal News, having knowledge of the facts, being duly sworn deposes and says that a notice, a true copy of which is annexed hereto, was published in Washtenaw County Legal News a newspaper circulated in Washtenaw County on January 3, 2019 A.D.

### Charter Township of Ypsilanti NOTICE OF PUBLIC HEARING

Ypsilanti Township Parks and Recreation is seeking public input regarding the Ypsilanti Township Parks and Recreation Master Plan. A Public Hearing will take place as part of the regularly scheduled Township Board meeting at 7:00 p.m. on January 15, 2019, at the Tilden R. Stumbo Civic Center, 7200 S. Huron River Dr., Ypsilanti, Michigan. A draft copy of the plan has been available for review since November 29, 2018 and will remain available through the date of the hearing. The plan can be viewed at the following locations: • Ypsilanti Township Community Center, 2025 East Clark Road, Ypsilanti • Ypsilanti Township Civic Center, 7200 South Huron River Drive, Ypsilanti • Ypsilanti District Library, 5577 Whittaker Road, Ypsilanti • The draft plan is also available online on the Township's website at [www.YTown.org](http://www.YTown.org).  
01/03

DRAFT 2  
FOR  
Public Review  
1-10-2019

Sheila Pursglove

Subscribed and sworn before me on this 3rd day of January 2019 A.D.

Vicky Blanshard

Notary Public Washtenaw County, Michigan. My commission expires: August 9, 2020 Acting in Washtenaw County, Michigan.

Attorney: Ypsilanti Twp. - Ypsilanti Twp.  
AttorneyFile#:   
Notice#: 1372363

DRAFT 2  
For Public Review  
1-10-2019

# APPENDIX B:

## PARKS & RECREATION COMMISSION RESOLUTION

### THE YPSILANTI CHARTER TOWNSHIP PARKS & RECREATION COMMISSION RESOLUTION TO RECOMMEND ADOPTION OF THE YPSILANTI TOWNSHIP 2019 – 2023 PARKS & RECREATION MASTER PLAN

**WHEREAS**, Ypsilanti Charter Township has undertaken the update of its five-year recreation plan which describes the Township's physical and social characteristics, existing parks and recreation facilities, and the desired actions to be taken to improve our system of parks and recreation facilities during the period of 2019 through 2023; and

**WHEREAS**, Township residents were given the opportunity to provide input through an online survey which was made available from June 15 through October 21, 2018, and at a Public Hearing to be held on January 15, 2019; and

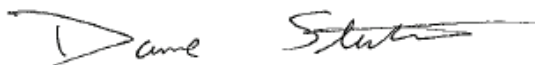
**WHEREAS**, the Ypsilanti Township Parks & Recreation Commission reviewed the 2019 – 2023 Parks & Recreation Master Plan for completeness and accuracy and deemed that the Plan meets the desires and needs of the community; and

**WHEREAS**, the Plan was made available for public review in a manner required by law and all comments from the public have been considered by the Parks & Recreation Commission; and

**WHEREAS**, the Park Commission has discussed the plan at a public meeting held on January 7, 2019, and agrees with the findings and recommendations of said plan, contingent upon completion of modifications discussed during the meeting including a further emphasis on public ownership and design of parks, working with Ypsilanti Community Public Schools regarding potential reuse of school properties as recreation amenities, and establishment of subcommittees to recommend the proper location of dog parks and splash pads in community parks; and

**WHEREAS**, the plan was developed for the benefit of the entire community;

**NOW, THEREFORE BE IT RESOLVED** that the Ypsilanti Charter Township Parks & Recreation Commission recommends the adoption of the 2019 – 2023 Ypsilanti Charter Township Parks & Recreation Master Plan by the Board of Trustees on January 15, 2019.



David L. Streeter, Chairperson

DRAFT 2  
For Public Review  
1-10-2019

# APPENDIX C:

## MINUTES OF PUBLIC HEARING

# DRAFT 2 For Public Review 1-10-2019

DRAFT 2  
For Public Review  
1-10-2019

# APPENDIX D:

## TOWNSHIP BOARD RESOLUTION

DRAFT 2  
For Public Review  
1-10-2019





**Carlisle | Wortman**  
ASSOCIATES, INC.

117 NORTH FIRST STREET SUITE 70 ANN ARBOR, MI 48104 734.662.2200 734.662.1935 FAX

January 30, 2019


Tyler Klifman  
Regional Review Office  
Southeast Michigan Council of Governments  
1001 Woodward Avenue, Suite 1400  
Detroit, Michigan 48226

Dear Mr. Klifman:

The Ypsilanti Township Board of Trustees adopted the Township's 2019 – 2023 Parks & Recreation Master Plan at a meeting held on January 29, 2019. The plan and Certification Checklist have been uploaded to the MDNR website for their review and approval. The plan will be subject to future review and updates as deemed necessary by the Ypsilanti Township Board of Trustees and the Park Commission.

Please feel free to contact the Ypsilanti Township or myself if you have any comments regarding this plan.

Thank you for your consideration,



**CARLISLE/WORTMAN ASSOC., INC.**  
**Chris Nordstrom, PLA, ASLA**  
**Landscape Architect**

cc. Angela Verges, Park Director

Richard K. Carlisle, *President* Douglas J. Lewan, *Executive Vice President* John L. Enos, *Principal*  
David Scurto, *Principal* Benjamin R. Carlisle, *Principal* Sally M. Elmiger, *Principal* Craig Strong, *Principal* R. Donald Wortman, *Principal*  
Laura K. Kreps, *Associate* Paul Montagno, *Associate*

# APPENDIX E:

## LETTERS OF TRANSMITTAL



**Carlisle | Wortman**  
ASSOCIATES, INC.

117 NORTH FIRST STREET SUITE 70 ANN ARBOR, MI 48104 734.662.2200 734.662.1935 FAX

January 30, 2019


Coy Vaughn  
Director  
Washtenaw County Parks Department  
Parks Administrative Offices  
PO Box 8645  
Ann Arbor, Michigan 48107

Dear Mr. Vaughn:

The Ypsilanti Township Board of Trustees adopted the attached 2019 - 2023 Parks & Recreation Master Plan at a meeting held on January 29, 2019. The plan and Certification Checklist have been uploaded to the MDNR website for their review and approval. The plan will be subject to future review and updates as deemed necessary by the Ypsilanti Township Board of Trustees and the Park Commission.

Please feel free to contact the Ypsilanti Township or myself if you have any comments regarding this plan.

Thank you for your consideration,



**CARLISLE/WORTMAN ASSOC., INC.**  
**Chris Nordstrom, PLA, ASLA**  
**Landscape Architect**

cc. Angela Verges, Park Director

Richard K. Carlisle, *President* Douglas J. Lewan, *Executive Vice President* John L. Enos, *Principal*  
David Scurto, *Principal* Benjamin R. Carlisle, *Principal* Sally M. Elmiger, *Principal* Craig Strong, *Principal* R. Donald Wortman, *Principal*  
Laura K. Kreps, *Associate* Paul Montagno, *Associate*

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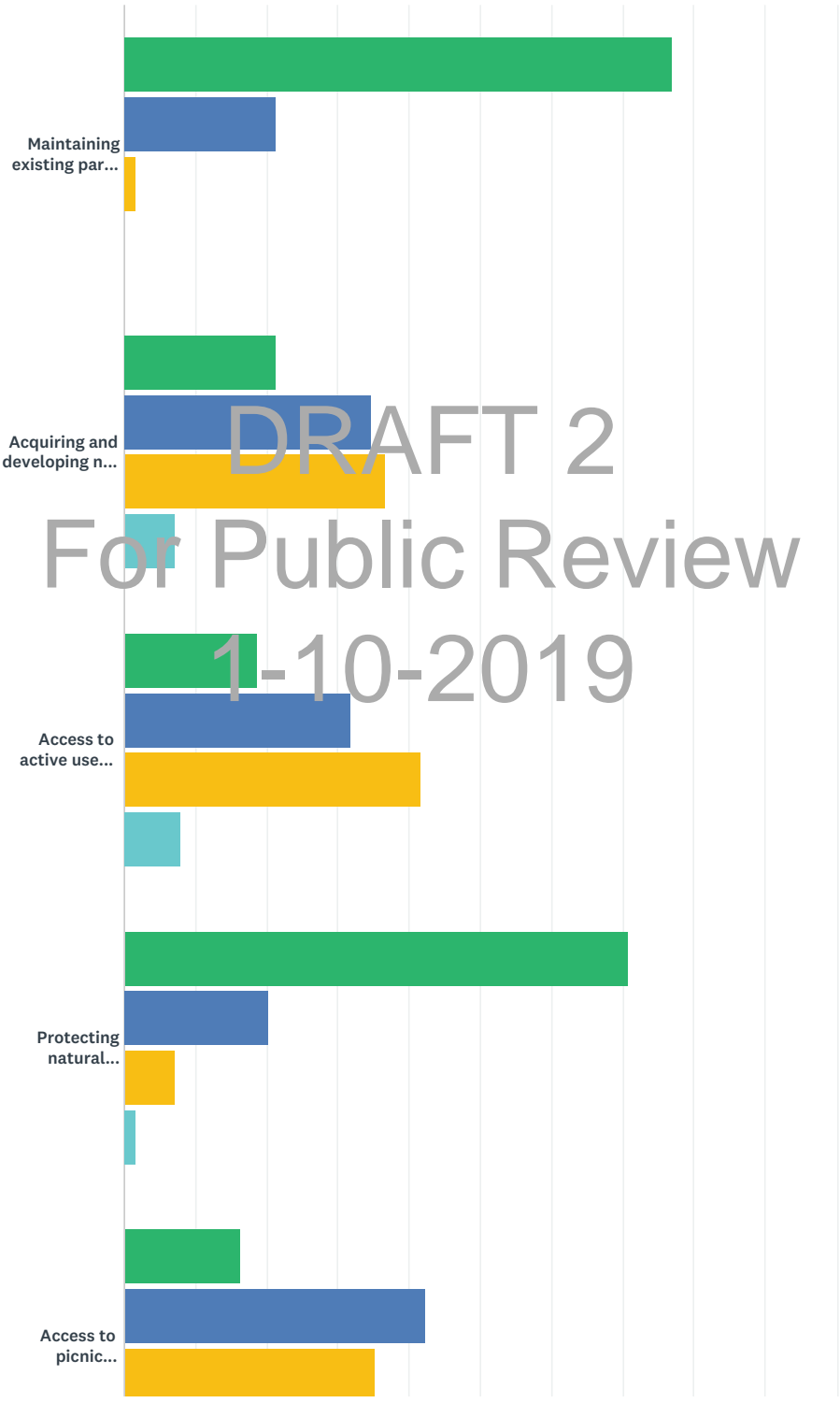
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## PUBLIC INPUT SUMMARY

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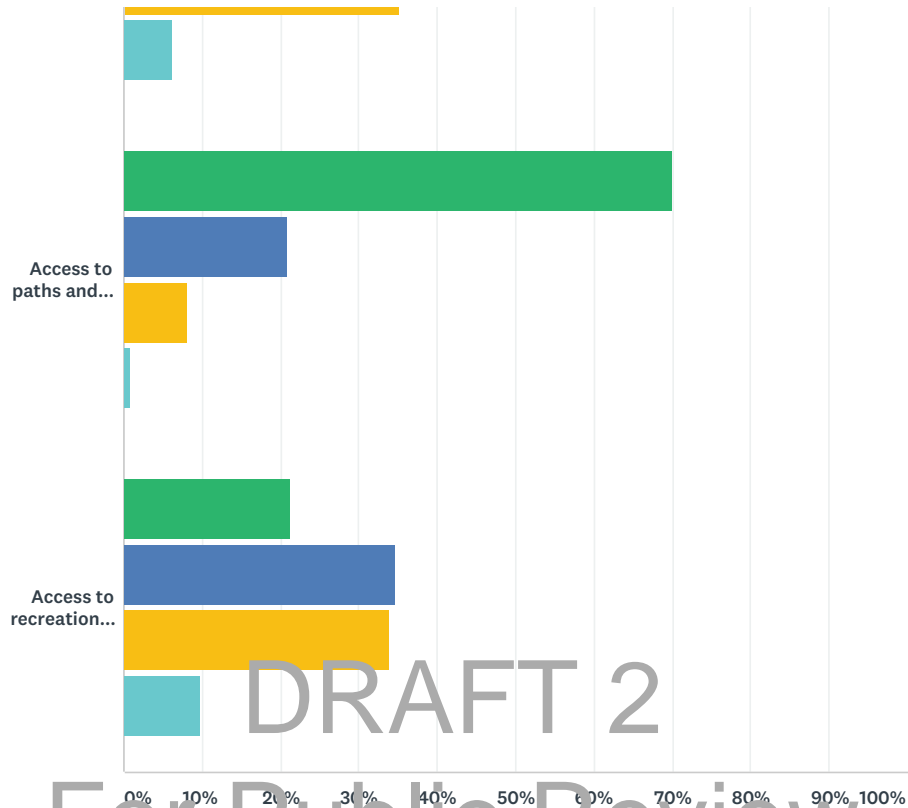
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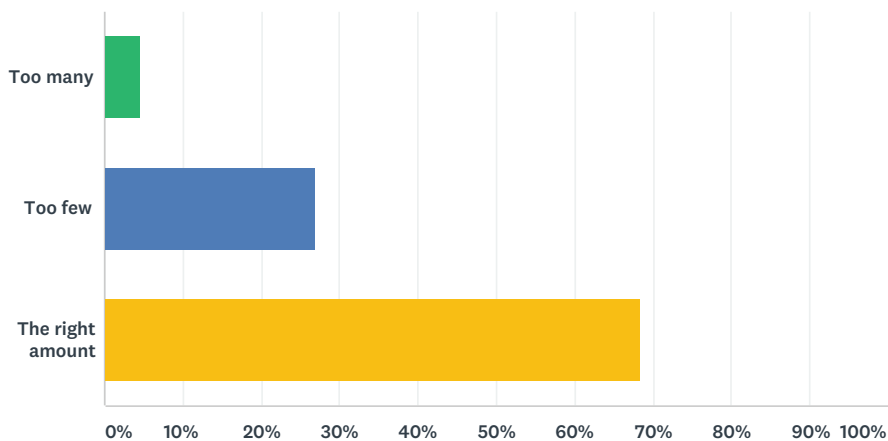
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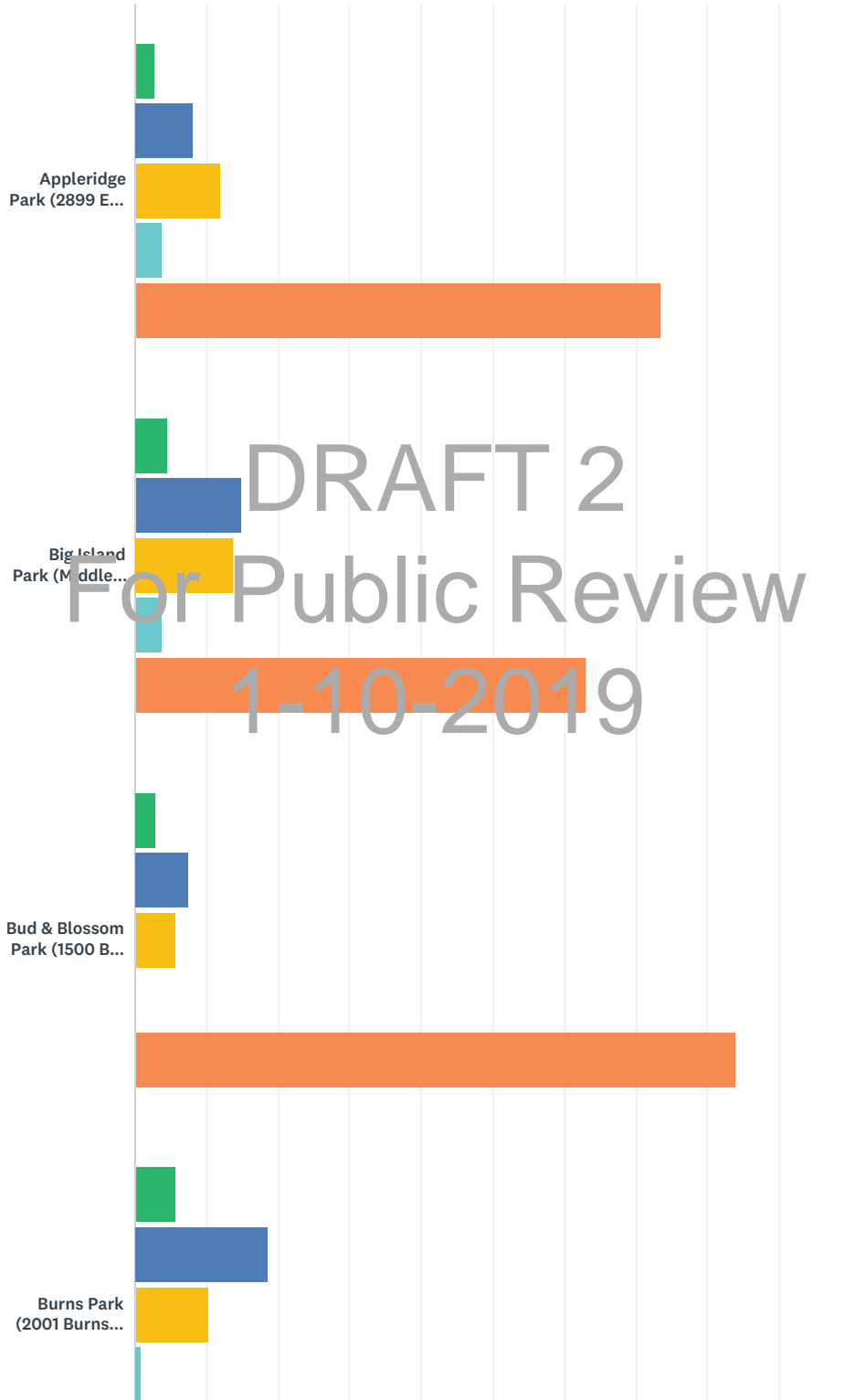
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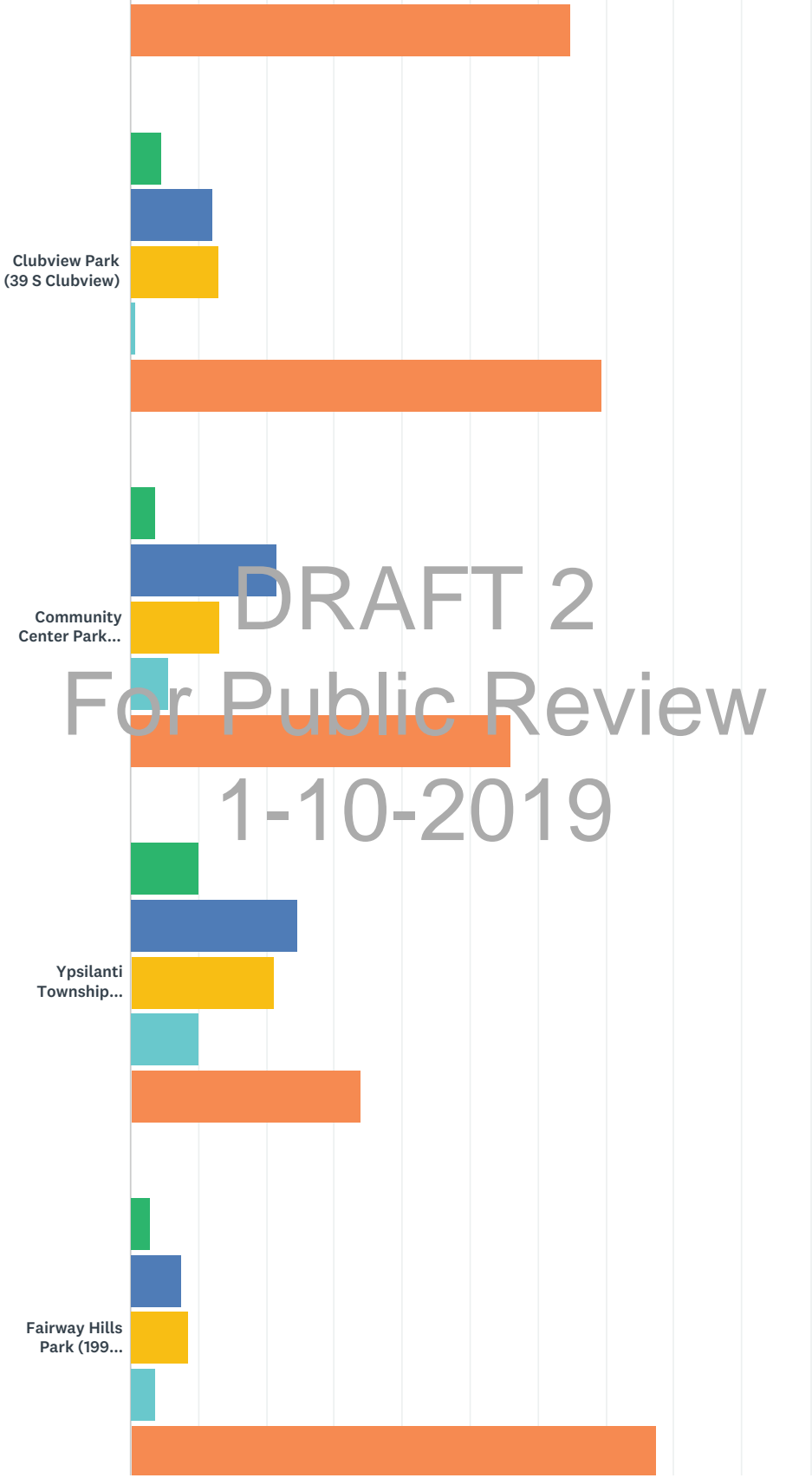
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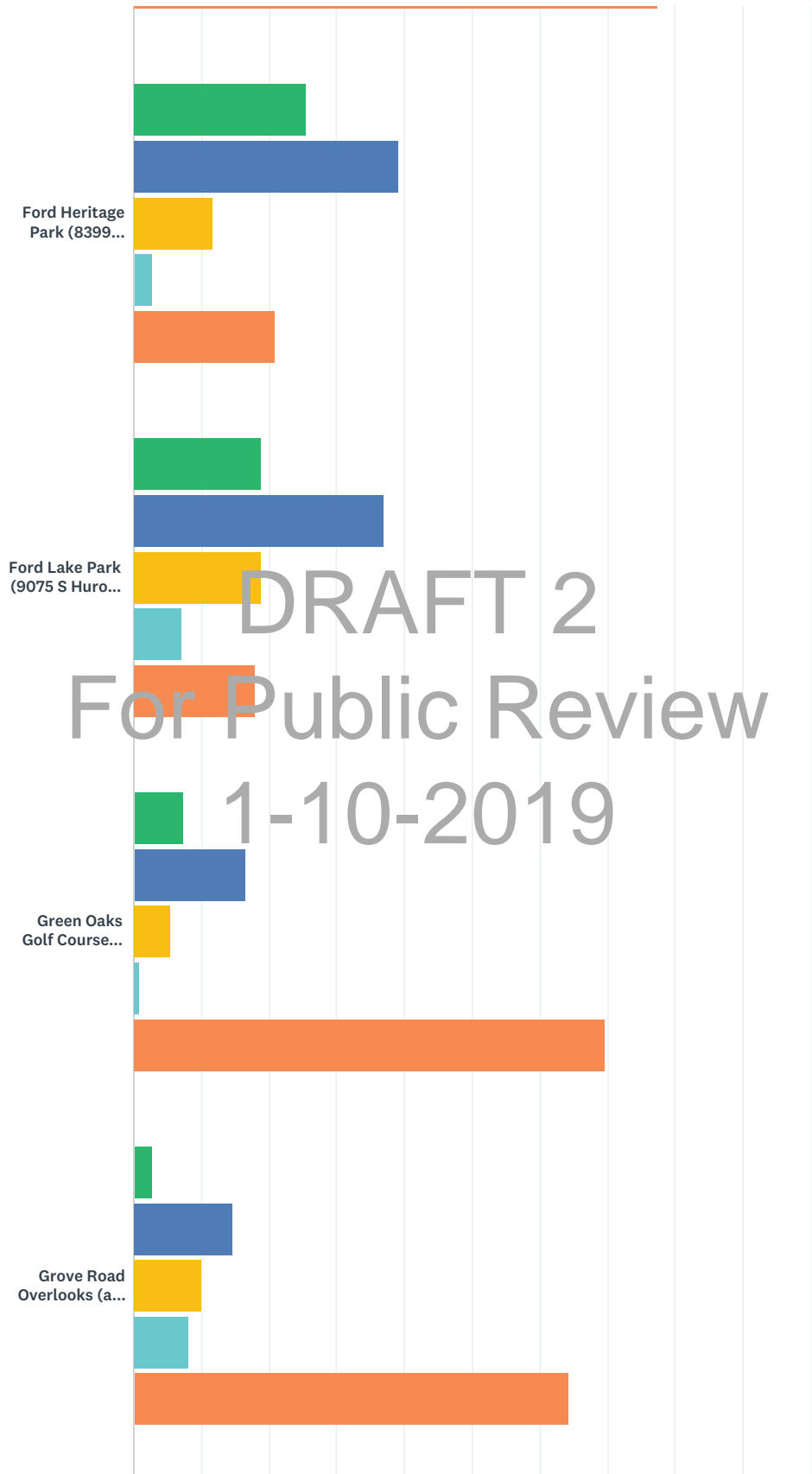
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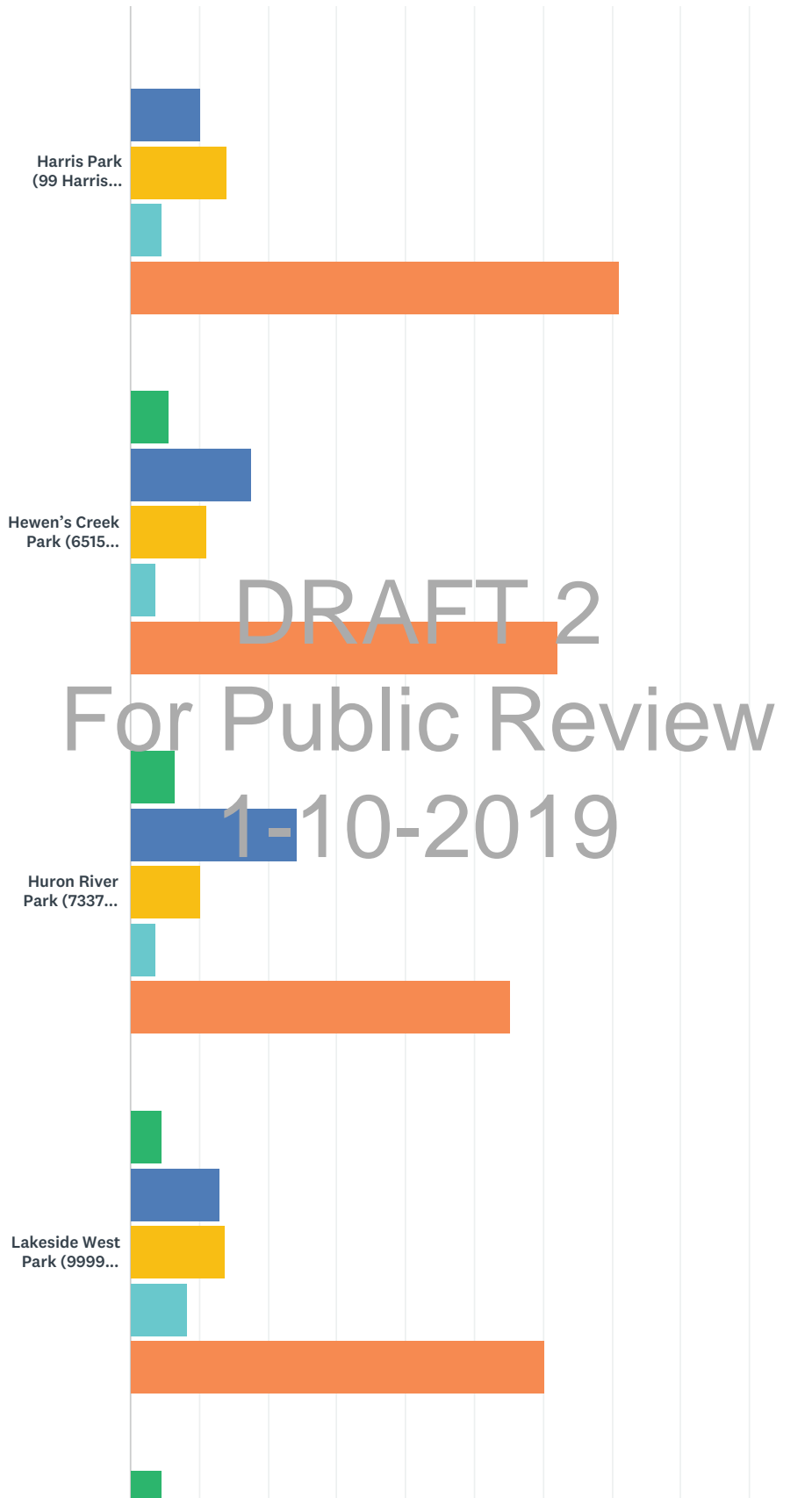
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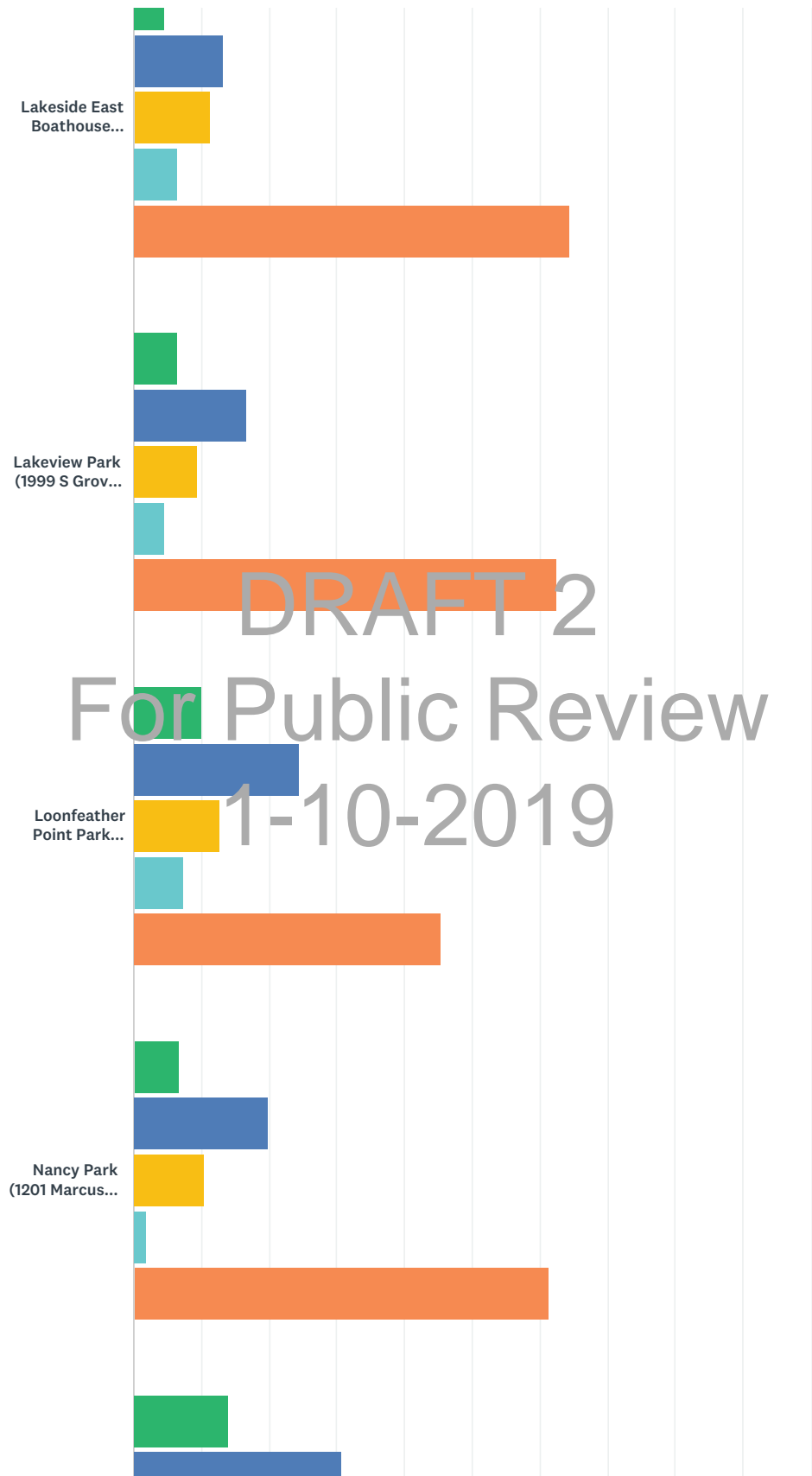
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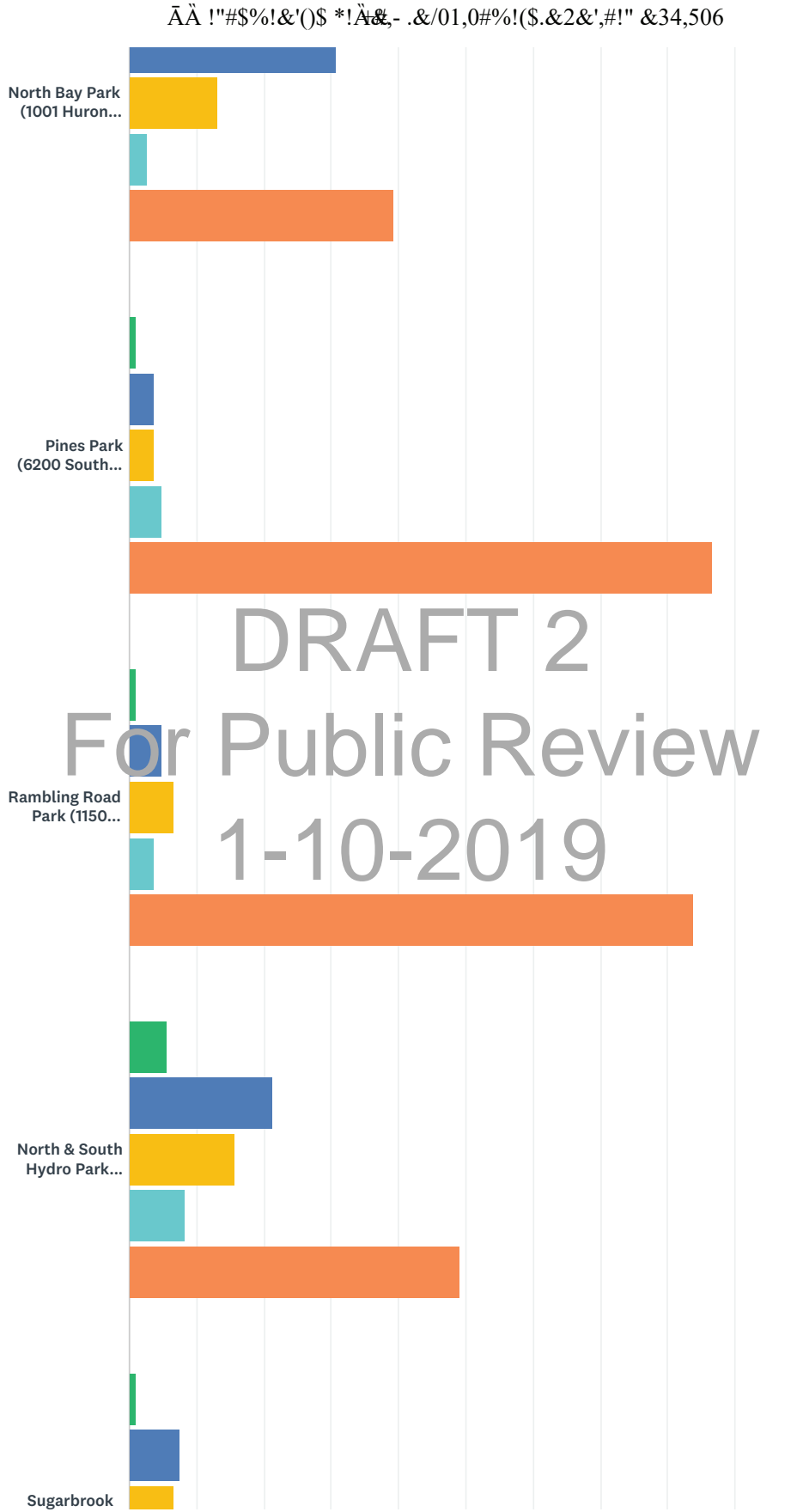


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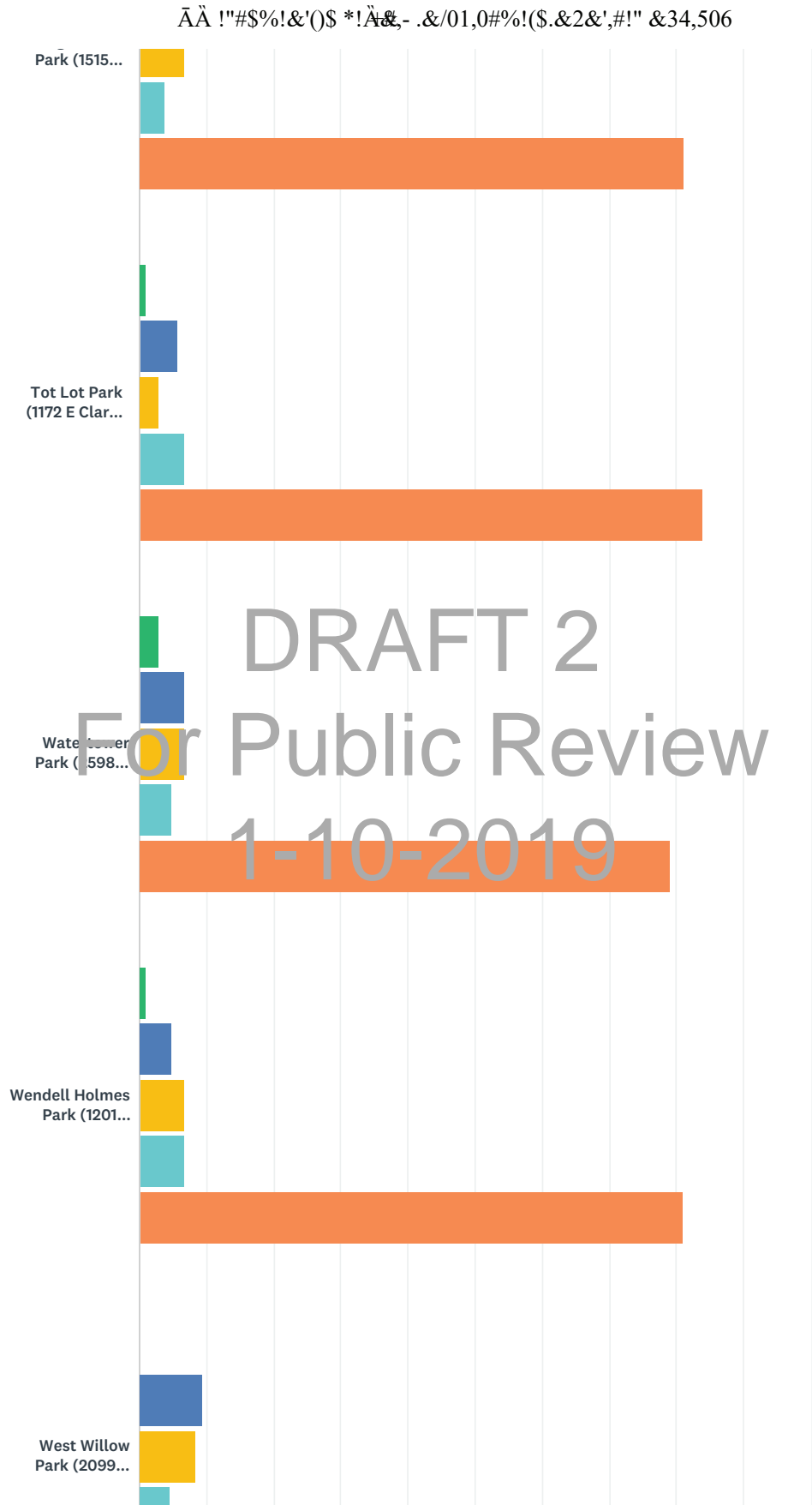
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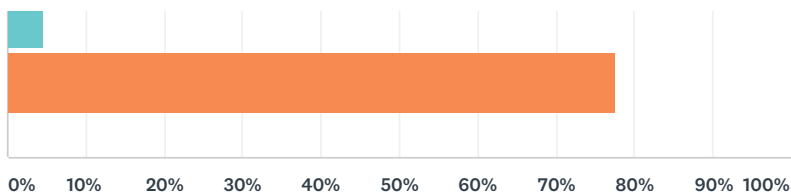
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Z)(+"#+' N)9 JC=@B_+*) 8('++(M	C?B<A 7	<?<>A >	<?<>A >	D?><A =	>@?:=A B7	Ä:=
Z+*3+.. !".%+0 N)9 JÄC:Ä !".%+0 ["]3M	:?@=A Ä	D?><A =	<?<>A >	<?<>A >	B:??@=A B=	Ä:=
Z+0( Z\$. "# N)9 JC:@@ Q1.+ ["]3M	:?:A :	@?7=A Ä:	B?DÄÄ @	D?<>A =	>>?=>A B7	Ä:>

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For Public Review  
1-10-2019

ÄC ; <=

ÄÄ !"#%&'()\*\$ \*!Ä&,- ./01,0#%!(.\$&2&'#!" &34,506

# ÄD W- 1"2 #+' 2\*0)(\$0-\$+3 #\$(, )\*1 "- (,+ Q"#\*0,\$& &)'90K #,)( % )3+ 1"2 -++ (,)( #)14

5\*0#+'+36 =: 89\$&&+36 <7

4	! *%&)* * *	0('
Ä	Z + *++3 ) 3"/ &)'9?	Ä:;C:ÄB C6C7 NE
C	8"%+ "- (, &)'90 ,) + -+# 1\$0\$("0 32\$*/ (,+ #++9)*3 W'l+ " *1 *G+ 0+++ ) &)'9 )*/+? W( 9++&0 %+ -"% ,9\$*/ 3+++&+ ' " (')\$0?	@;ÄÄ;C:ÄB Ä:67D 5E
7	S""*+)(,+ '0 +H2\$&%+*( J3"G90K #""3 #).9#)10M )'+ \$* 0+"\$20 *++3 "- '+&)'\$0? U2"+*(.1 ) ,+).(, .)a)'3 *3 &"(+*(\$). \$)L\$. \$(1. +).1?	@;ÄÄ;C:ÄB Ä:6Ä < 5E
D	O'2/;).G" ,. 20+ \$* &)'90	@;Ä:;C:ÄB =6C7 NE
=	W #""2.3 . "l+ (" 0++ &2L.\$G )GG+00 )0 !2""* [\$l+ N)'9 )*3 G)+ -" (,+ *)'(2'). 0&)'G+ J\$*')0\$ + &.)*( %)*)/+%+*(K +(GM)?	@;Ä:;C:ÄB D6Ä= NE
<	W'3 .9+ (" 0++ ^""(, V)1 N)'9 '+%)\$* "&+* ).. 1+)' ""2*3	@;@;ÄB B6C: 5E
>	8)-+(1? E)'9+(+3? S\$ +3 G."0+ L1?	@;@;C:ÄB B6C: 5E
B	S\$((+*\$*/? W #""2.3 .9+ (" 0++ ^"" ) (\$ .\$( (- \$*/ )/ *0 : \$*+0 & 0(+3?	@; >;C:ÄB ÄÄ6== 5E
@	N)'90 \$* ^+\$,L"" ""30 *++3 %""+ ) * 1 20 ) & .)1 ("2G'2' ? E *1 *+ # .%\$,\$+0 )+ %"l\$*/ (" P&0\$.)*(\$ &.)0+ ,+& G'+)(+ %""+ #+.G""\$*/)*3 l\$L)*( '+\$,L" ' &)'90 +0&+G\$)..1 \$* ,\$, l\$0\$L\$. \$(1 )+ )0 *3 #,+ +&)'90 G""+G( #\$(, 0G, ""0?	@; <;C:ÄB B6== NE
Ä:	^( %2G, ( ' ' ' ' &.) + 12\$&% +*( / ' 2*0 " ( ( + ( 2& c 202 ) 1 # 0& . ' ' ' + *+ ) ( ' ' ' ) * *	@; <;C:ÄB Ä6D: NE
ÄÄ	Q,+ *++3 (" L+ 2&/'3+3)*3 0"%+ #)(+ #""90)33+3 "" &"" . b20 (#)(+ 'd	@; <;C:ÄB Ä6:Ä NE
ÄC	e*3+l+ "&+3K)*3 *( ( #+.. %)\$*( ) *+3 "-( - "l+ . " #. */ ( ' )0;K 20+3 ) ) &)'(1 0&)"?	@; <;C:ÄB ÄC6DC NE
Ä7	N""0&+G( N)'9 ,)0 "" -2*G(\$""\$*/L)(, """"0? Q, - 1' ) - L+ +* "G9 +3 2& -" )0 " / )0 W'l+ L+ +* \$* (,+ *+ \$,L"" ""3? V\$/ W0.)*3 N)'9 L""3#).9 \$0 \$* *++3 "- '+&)'\$ 'K )0 #+..?	@; <;C:ÄB Ä:6:7 5E
ÄD	[+0("""% *( " &+* ).. (,+ (\$%+ "" *( ( G.+)* *3 02&&.\$+0 *( ( )l\$.)L.+	@; <;C:ÄB =6=D 5E
Ä=	W*)3+H2)(+L)(, """"% -)G\$. \$( \$+0	@; =;C:ÄB @6CÄ 5E
Ä<	l+ #+ *'0 \$0 ) *\$G+ . \$( (,+ &)'9 L2( (,+ &)'9\$*/. " ( \$0 2-\$*0\$3 ) 0.\$, (1 ("" 0%)..?	@; =;C:ÄB B67= 5E
Ä>	R2(3)(+3 +H2\$&%+*(K ""(\$*/ %)\$*)(\$*+3	@;Ä;C:ÄB >6C= NE
ÄB	^++3 *+ # +H2\$&%+*(K &)(, 0 '+&)'\$+3K 2&3)(+0K %""+ .)*30G)&\$%K %""+ -)G\$. \$( \$+0K %)*1 &)'90 3" ^RQ ,) + L)(, """"% "" (,+1 )+ *( " &+*+3 )( )..	B;CB;C:ÄB B6:Ä NE
Ä@	_+ '1 '2* 3"#* ) *3 ( ' )0,1 . ""9\$*/?	B;CC;C:ÄB Ä:6=7 5E
C:	S)G9 "- )( (+*(\$"" (" (,+ L'20, (,) ( *++30 (" L+ G.+)+3	B;Ä@;ÄB Ä6:C NE
CÄ	X""3 l+\$( )/ + N)'9 ,)0 "" 0,+.(+ 'K "" 0.)3+ ) *3 "" '+0("""%0K "" .1 &""() &"((\$+0)*3 (,+1 )+ *( 9+&( 2& )0 (,+1 0,"2.3 L+? !"# G)* 1"2 G).. 0"2( , 13"" &)'9 ) &)'9 )( )..4 Q,+ + \$0 *")GG+00 ( " ) *1 (\$*/ "" (,+ 0"2(, 0\$3+ "- (,+ '\$l+ -""% Q+F(\$.+ ["]3? ^""( , 113"" N)'9 ,)0 "" &.)1""2*3 -)G\$. \$( \$+0 -" G,\$.3'+*?	B;ÄB;C:ÄB @6:B NE
CC	^" 3"/ &)'9	B;ÄB;C:ÄB ÄÄ6CC 5E
C7	^( (L\$/ +""2/ , &)'9\$*/K( 5&&.+ '\$3/+ KK &)'9\$*/. " ( ) ( G""%2 *\$(1 G+*(+ ' "" (&)'l+3K).. ' )l+ .K320(1 #,+ * \$0\$(\$*/ (,+ &)'9?? 5&&.+ '\$3/+ "" L)(, """"%0K (,+1 +"" L1 (,+ #""30???)	B;ÄB;C:ÄB Ä:6DD 5E
CD	^( +""2/ , &.)1 0('2G(2'+0;9\$30 )G(\$l\$(\$+0K "" )GG+00 (" G.#)/2.' L)(, """"%0	B;Ä>;C:ÄB ÄC6C@ NE
C=	8"%+(\$%+0 G.+)*.\$*+00 \$0 ) * \$002+	B;Ä>;C:ÄB ÄÄ6= 5E
C<	V\$/ W0.*3 ; ^""(, V)1 )+ /+)(K L2( (,+ + \$0 "-(+* ) . " ( - . \$( ( + ' -""% ,+ )1 20+? E""+ ( ' )0, G)*0 %\$/ ( ,+ &4	B;Ä>;C:ÄB B6:D 5E

Ä7 ; <=



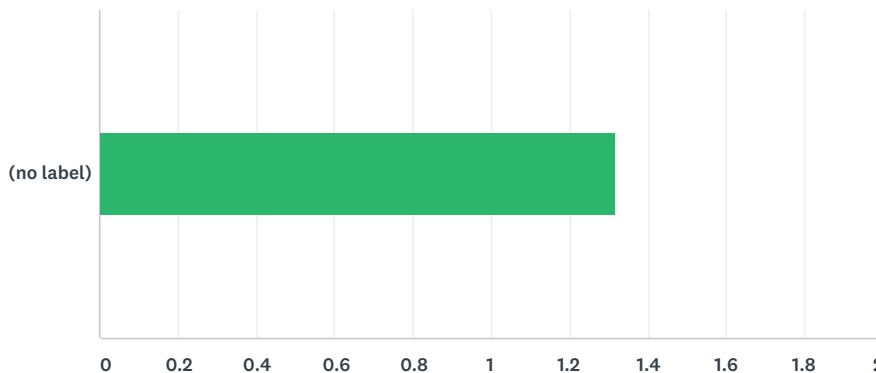
ÄÄ !"#%&'()\*\$ \*!Ä&,-./01,0#%!(.\$&2&,'#!" &34,506

C>	^(#+. %)\$*( \$*+3f &"" )%+*\$(\$+0?	B;Ä<;C:ÄB Ä:6C: NE
CB	Q).. /)00 )*3 #++30? _+1 .\$(.(+ 20+ "- #++3 #, )G9+0? X2.. /)L)/+ G)*0?	B;Ä<;C:ÄB B6ÄÄ NE
C@	W 3""( -++ 0)-+ \$* 0"%+K ".3 +H2\$&%+*( \$* "(,+0? ^" L)(, ""0 )0 #+..?	B;Ä<;C:ÄB Ä:6C6D@ NE
7:	^" G"%%+*(?	B;Ä<;C:ÄB Ä:6DB 5E
7Ä	N)90 \$* /+*+). G"2.3 20+ %""+ '+0"2'G+0 3+3\$G)(+3 (" %)\$*( ) \$*\$*/ +F\$0(\$*/ -)G\$. \$( \$+0?	B;Ä<;C:ÄB @6D< 5E
7C	^"	B;Ä<;C:ÄB Ä:6Ä: NE
77	(, + &)'90 .)G9 *(2)'. , \$9\$*/ (')\$0 . \$9+ )** )'L" &)'90	B;Ä<;C:ÄB @6:> NE
7D	R2(3)(+3 &.)1""2*3 +H2\$&%+*(	B;Ä<;C:ÄB B67C NE
7=	"2( 3)(+3 +H2\$&%+*(	B;Ä<;C:ÄB >6Ä= NE
7<	[+0( ""0 )'+ +\$(,+ \$*)GG+00\$L.+K ""( %)\$*( )\$*+3 "" ""c+F\$0(+*(? 5.. &)'90 *++3 Z5P %""+ ('0, G)*0? ^++3 %""+ %)\$*(+)*G+ )*3 ('0, &\$G92&? R.3 )*3 '2* 3"#* +H2\$&%+*( 0,"2.3 L+ '+% "1+3 "" '+&.)G+3? 5.. &)'90K +I+*(0K )*3 )G(\$!\$( \$+0 0,"2.3 L+ %)'9+(+3 L+(+*?'	B;Ä<;C:ÄB 76=@ NE
7>	82/)L""9 . ""90 ) .\$(.(+ " .3 )*3 0)3K G"2.3 20+ ) '+-+0,?	B;Ä<;C:ÄB Ä:6CÄ NE
7B	N)'9 #)0 3\$\$(1K &.)1""2*3 ("10 L""9+*K 3\$3*( -++ 0)-+ )*3 ,)I+*( L++* L)G9 \$* ) -+# 1+)'0?	B;Ä<;C:ÄB Ä:6:7 NE
7@	U.2L!\$# N)'96 (+* \$0 G"2'( 02'-)G+ \$0 L)3.1 G)'G9+3 )*3 *++3D +&)'\$?W #).9 (+ (')\$ .3)\$ .1 )*3 (,+ G'20,+3 . \$%+0( ""+ "" (+ '\$. G""0)*( .1 /+(0 G)2/,( \$* %1 0," +0 )*3 (+ 0,)'& .\$(.(+ 0( ""+0 ,2'( ? Q,+ &.)1""2*3 )*3 &\$G*\$G 0,+.(+ )'+ *\$G+? 5 #)(+ '2.(+ # "2. 3 L+ ) *\$G+ )33\$( \$"" (" (+ &\$G*\$G 0,+.(+? )""2*30 G'+# ,)I+ '2\$*+3 0+I+). ('++0 L1 +FG+00\$!+ / " )00 ('\$%\$%\$')""2*3 (+ ('++ L)0+0? 8+I+). '-++c0( )*\$\$( /)L.+ 0 ,)I+ L+ *'2 \$*+? 1 1 9 30 b2 %&\$*/ " (,+ % ) *3 -)(/\$2\$*/ (+ G+*(+ ' %"2*(0? Z)(+ ("#+ N)'96 N.) "" *3 +H2.3+ * \$01+1 . 3 ) *3 *+ 30 (" L+ '+&.)G+3?	B;Ä<;C:ÄB Ä:6C7B NE
D:	.)G9 "- 0G+*+1 "" ""&""(2*\$ (1 -" %"1+*+*(	B;Ä<;C:ÄB Ä:6C7C NE
DÄ	Z,\$+ I\$0\$ ( )9+0\$3+ Z+0( )3K (,+ + #+ &+ &+ + *) /+3 , " 23\$(1 ) *3 0+F2) .)G(0 \$* L""3 3)1.\$,( 32 *+&)'9, , 2'0	B;Ä<;C:ÄB Ä:6CÄ 5E
DC	I+#+* N)'9? ^++30 0 % + %\$0H2"(+ %)\$ ( + ) G+? V23 ) 3 V."00 % " N)'9 + +30 0"%+ .\$(+ '\$ &\$G9c 2& \$* (+ #""3+3 )+)? RI+).. (+ , \$/,+ (, + )((+)*3)G+ \$* (+ &)'9 (+ %""+ . \$9+ .1 .\$(+ '\$ &\$G9 2& \$0 *++3+3?	B;Ä<;C:ÄB Ä:6Ä7 5E
D7	8" %2G, ('0,d W ).0" # \$0, (+ + + + + + ) ( + 9 ) 9 . 2'3, & \$* (0f \$ ( '0 '-(+ 3) /+""20 (" ,)I+ (" %)*+2I+ )""2*3 & #+L") (0 "/+ ( \$*( " ) *3 "2" - ( , # ) ( + ) ( , + + F\$0(\$*/ L) ( ' ) %&?	B;Ä<;C:ÄB Ä:6:< 5E
DD	e*0)-+ #).9\$*/ #""3+* #).9#)10K &"" L)(, ""0K \$.(+*?	B;Ä<;C:ÄB B6D@ 5E
D=	!)0 )." (- &+&+ .b2( 0\$(( \$*/ \$* G)0 ) *3 -++ 0 g8,31g ) *3 ""( L+G)20+ "- (,+ *\$G+ ). ('++0???	B;Ä<;C:ÄB B6D< 5E
D<	\)L)/+ &\$G92& ) *3 )( &)'90 . \$9+ !+ \$( /+ , )I\$*/ L)(, ""0 -)G \$.\$+(0\$ ( \$0 ) , \$/, 20+ &)'9 -" '+G 0"GG+?'	B;Ä<;C:ÄB B67> 5E
D>	W' %"" ( 2*0)(\$0-\$+3 #\$(, ) *1 &)'90 W I\$0\$(K L2( (+ 0&""(\$ \$+0 ) ( ).. "- (+, % (,) (,)I+ ) *1 )+ \$* &"" ' +&.)\$?'	B;Ä<;C:ÄB B677 5E
DB	Q,+ + '0 "" &I)\$.\$"" ( U"%%2*\$ (1 U+*(+ &)'9? Q"( S'( &)'9 .) G90 &)'9\$*/ ) *3 2&3)(+3 &.) (0'2G("+)	B;ÄD;C:ÄB C6DD NE
D@	[+0( ""0 ) *3 &.)1""2*3 +H2\$&%+*( )'+ &""?"	<;C:ÄB @6C< 5E
=:	S)9+I\$+#;V") (,"20+ c G""G+*+3 (,) (,+0+ '+0"2'G+0 )'+ ""( ) GG+00\$L.+ -" P&0\$.)*( \$ Q"#*0,\$& +0\$3+*(0 c 02&&""(0 TEe ) *3 8).\$*+ G'+# (+)%0 L2( \$* -) \$*+00 (+,+ 0,"2.3 L+ "&&""(2*\$(\$+0 -" P&0\$ ("#*0,\$& +0\$3+*(0 (" .+)* (" "# "" -" P&0\$.)*( \$ S\$*G. * ) *3 "" PU8 (" -"" ) G"%L\$*+3 (+)% 0" "2' '+0\$3+*(0 ).0" ,)I+ )GG+00 (" (+,+ -)G\$. \$( \$+0? 50 )\$*\$%2%K (+,+ (# "" )I)*\$a)(\$""0 0,"2.3 . "3 "2(+ )G, 02% %+';X).. G)%&0 (" .+)* L"2( (,\$0 0&"" (?Z.) ( ) &+*0 \$- TEe J#, \$G, \$0 G2'+*(.1 %)9\$*/ G2(0 (" (+ \$' L23/+( ) *3 0&""(0M 3+G\$3+0 ""( ( -2*3 G'+#;""#\$/? Z.) ( #\$. L+ (+ -\$*)\$G\$) . ""*/ (+% \$%&)G( "" (+ G"0 " - (\$0 -)G\$. \$(1R(+ . "#+ )'9\$*/ &)'90 )'+ &)'90 (,) ( )'+ \$* *+3 - 2&/)3+0 ) *3 \$%&""I+ %+*(? 8""%+ . \$9+ Z+*3+.. !. % +0 &)'9 )'+ I\$0\$L.+ ) *3 G""+G+3 (" 0G, "" .) *3 +\$ , L"" ""30? W(0 (\$%+ (" '+, (\$*9 (+ 0+ )'+0 ) *3 &"00\$L.1 &)"(+* #\$(, PU8 (" %&""I+ (+ &)'9 )'+)?	<;Ä<;C:ÄB C6D: NE

ÄÄ !"#\$%&'()\* \$ \*!Ä&,- ./01,0#%!(.\$&2&,'#!" &34,506

Ä= W\* /+\*+') .K 3" +F\$0(\$/ P&0\$.)\*(\$ Q"#\*0,\$& '+G'+)(\$"" -)G(\$\$0 %++(1'2' -)%\$.1`0 '+G'+)(\$"" \*++304

5\*0#+'+36 Ä:@ 89\$&&+36 D



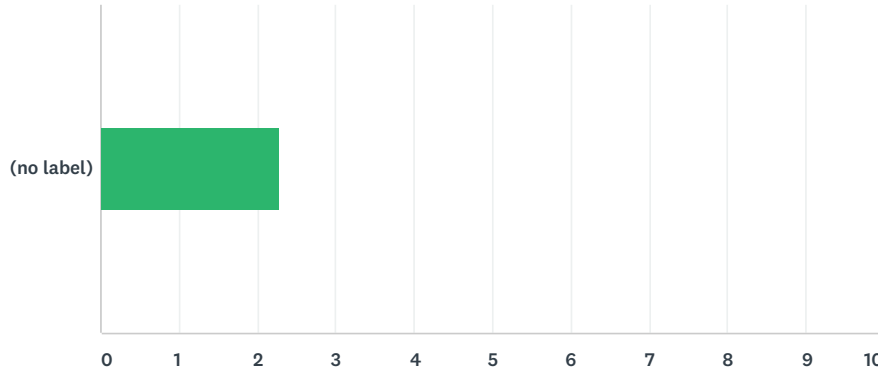
Ä	" *	)&	00)1'Ä2)2+Ä3Ä,(Ä 1'ÄÄ""#0	'&'(-	+ #7,'0Ä(Ä !(7
J"" .)L+.M	>??7@A B:	CÄ?Ä:A C7	=?..A <	Ä:@	Ä?7C
4	&', !Ä5%- * Ä*% #""6				0('
Ä	5 3"/ &)'9 ; "2.3 L - *\$ G				@;Ä;C:ÄB ÄC67D NE
C	W #""2.3 . \$9+ (" 0++ 0"%+ G"%&.+(\$"" - #).9\$*/;L\$9+ &)(,0 02G)0 #,+ + (, + &)(, b20( +*30 #\$(, "" "&(\$"" L2( (" /" \$*( " (, + "" )30?				@;>;C:ÄB ÄÄ6== 5E
7	S""9\$*/ -" #)(+ ' 0&"(OK +F+'G\$(+)				@;<;C:ÄB B6== NE
D	3\$-\$G2.( (" /+( (" (,+ '+' &)'90 "" (,+ 0"2(, 0\$3+ 32+ (" ( ,+ ,\$/ ,! ".2%+ "- 0&+++3\$*/ G)0 "" Q+F(\$.+ c "" 0)-+ &.)G+ (" G""00 -""% 0"2(, (" ""(,				@;<;C:ÄB Ä6D: NE
=	*+++30 ) * --c.+ )0, 3"/ &)'9				@;<;C:ÄB ÄÄ6Ä= 5E
<	^( #,+ + (,+ 1)+ \$* 3\$0'+&)\$'?				@;<;C:ÄB Ä:6:7 5E
>	*+++3 %""+ %\$F+3 20+ &)(,0 )*3 %""+ VCV 3+3\$G)(+3 (')\$.				@;=;C:ÄB <6D@ NE
B	^+++3 ) G""%2*\$ (1 G+*(+ ' -"" 1&0\$.)*(\$ ("#*0,\$& ).0" *+++3 %""+ 0\$3+#).90 )*3 L\$9+ &)(,0 %)*1 0+G(\$"*0 )'+ ""( G"%&.+(+K "" #,+ + ( " ,) + 0#\$\$% .+00""0 "" 0# \$ %\$*/ \$* 1&0\$.)*(\$ ("#*0,\$&				B;CB;C:ÄB B6:Ä NE
@	\'+++ 0&)G+ 0+)(\$/ \$0 "-(+* ""( &'+0+*(- "" ("0+ #, " *+++3 (" &+"\$3\$G)..1 /')L ) &.)G+ (" 0\$(				B;Ä@;C:ÄB Ä6:C NE
Ä:	8"%+#,)(?)				B;ÄB;C:ÄB @6:B NE
ÄÄ	^+++3 3"/ &)'9				B;ÄB;C:ÄB ÄÄ6CC 5E
ÄC	O""( /" L+G)20+ (" %)*1 ("2L.+ %)9+'0K %20\$G ."23K3*\$9\$*/#20( 3""( 0+++% (" L+ )L.+ (" '+.)F #,+ * (,+ +??				B;ÄB;C:ÄB Ä:6DD 5E
Ä7	P"2 ,) + 3""&&+3 0" %)*1 3)*G+ G.)00+0 (,)( %1 (++) ,)0 *+). 1 ""(,\$*/ (" G, ""0+ -""%				B;Ä<;C:ÄB ÄÄ6=> 5E
ÄD	^&.)G+0 -"" *23+ 02*L)(,\$*/				B;Ä<;C:ÄB ÄÄ6DB 5E
Ä=	Q+""\$0 G"2'(0 )'+ &"" .1 %)\$*( )\$*+3?				B;Ä=;C:ÄB B677 5E

Ä= ; <=

ÄÄ !"#\$%&'()\* \$ \*!Ä&,- .&/01,0#%!(.\$&2&',#!" &34,506

Ä< !"# #2.3 1"2 ')(+ P&0\$.)\*(\$ Q"#\*0,\$& &)'90 \$\* (+'%0 "-  
%)\$\*(+)\*G+ )\*3 )&&+)'\*G+4

5\*0#+'+36 ÄÄÄ 89\$&&+36 C



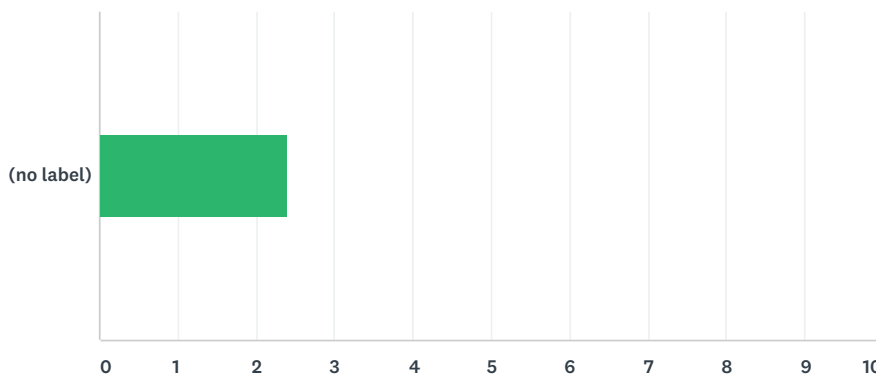
Ä	8. --)'	7&&0	/(#!	%&8! 0&)'1Ä0&+Ä0Ä,Ä)1'ÄÄ##'0	'&'(-	+ #7,'0	Ä(Ä!(7
J** .)L+.M	@?:ÄÄ Ä:	<7?:<A >:	CÄ?<CA CB	?<A D	C?>:A 7	ÄÄÄ	C?CB

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ÄÄ !"#%&'()\* \$ \*!Ä& - .&/01,0#%!(.\$&2&,'#!" &34,506

Ä> !"# #2.3 1"2 ')(+ P&0\$.)\*(\$ Q"#\*0,\$& &)'90 \$\* (+'%0 "- l)'\$ +(1 "- )%+\*\$(\$+04

5\*0#+'+36 ÄÄ: 89\$&&+36 7



Ä	8. --)'	7&&0	/(#!	%&8! 0&)'1'Ä?&+Ä?Ä(Ä)1'ÄÄ##' 0	'&'(-	+ #7,' 0	Ä(Ä!(7
J** .)L+.M	@?:@A Ä:	=C?>7A =B	7?: A 77	7?:=A -	7?<DA D	ÄÄ:	C?DÄ

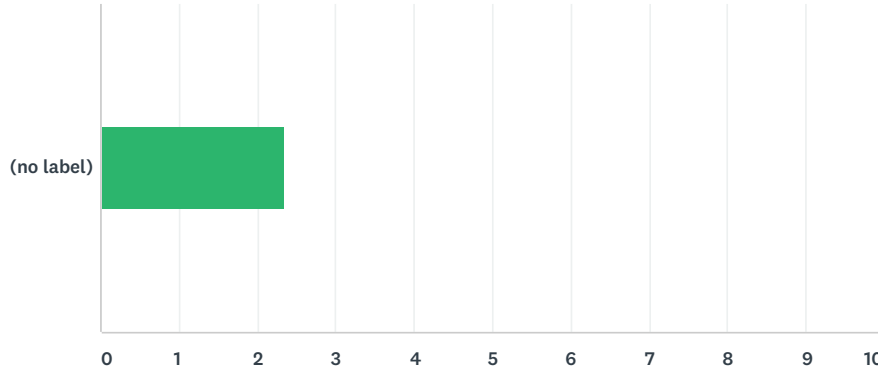
DRAFT 2  
For Public Review  
1-10-2019

Ä> ; <=

ÄÄ !"#\$%&'()\*\$ \*!Ä&,- ./01,0#%!(.\$&2&'#!" &34,506

ÄB !"# #"2.3 1"2 ') (+ P&0\$.)\*(\$ Q"#\*0,\$& &)'90 \$\* (+'%0 "- 0)-+ (14

5\*0#+'+36 Ä:@ 89\$&&+36 D



Ä	8. --)'	7&&0	/(#!	%&&!	0&)'1'Ä2)&+Ä3Ä,(Ä )1'ÄÄ##'0	'&'(-	+ #7,'0	Ä(Ä !(7
J*" .)L+.M	B?C<A @	<C?7@A <B	C: ?ÄBA CC	D?=@A =	D?=@A =	Ä:@		C?7=

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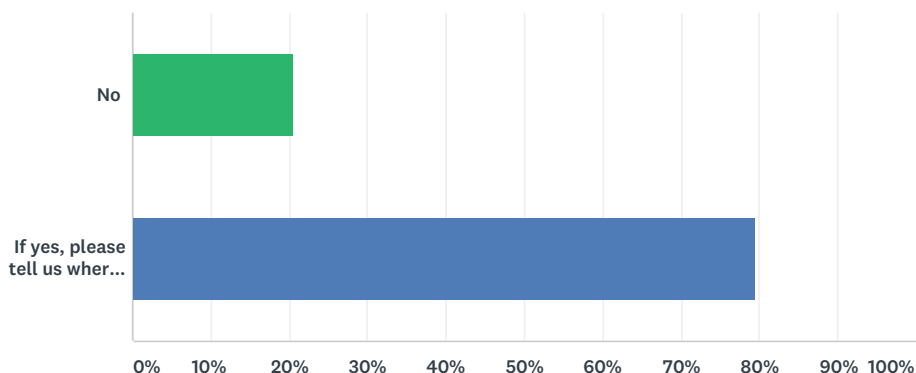
For Public Review  
1-10-2019

ÄB ; <=

ÄÄ !"#%&'()\*\$ \*!Ä&- ./01,0#%!(.\$&2&'#!" &34,506

Ä@ O" 1"2 "' 1"2' -)%\$.1 I\$0\$( \*+\$/L""\$\*/ G""%2\*\$\$(1K G"2\*(1K0)+K "'  
"(',+' '+/\$"\*). '+G'+)(\$"\* -)G\$.(\$+0K +?/? ["..\$\*/ !\$..0 U"2\*(1 N)'9K V""3+'c  
("cV""3+' (')\$K +(G?4

5\*0#+'+36 Ä:> 89\$&&+36 <



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()*+ !Ä.,&#. *	! *%&)* * *	
^"	C:?=<A	CC
W- 1+0K &.+ )0+ ( +. 20 # '++ 1"2 !\$0\$(?>@?DDA		B=
QRQ5S		Ä:>

For Public Review

1-10-2019

4	#/Ä" *9Ä%- (* Ä' --Ä:*Ä+, ! Ä" ? ÄÄ#*#:	0('
Ä	["..\$*/ !\$..0	Ä:;C:ÄB C6C7 NE
C	["..\$*/ !\$..0K VCV	Ä:;C:ÄB Ä6=D NE
7	["..\$*/ !\$..0K VCV (')\$.	@;ÄÄ;C:ÄB Ä:6=7 5E
D	["..\$*/ !\$..0K 8)((+ &)'90 ; L")( .)2*G,+0 h V+..+!\$..+K Z,\$(% ""+ S)9+K N\$*G9*+1K +(G?	@;ÄÄ;C:ÄB Ä:6DB 5E
=	E)((,+ \$ V"('*\$G). \)'3+*0	@;ÄÄ;C:ÄB Ä:67D 5E
<	["..\$*/ !\$..0K VCVK !+\$(/)+ N)'9K X""3 S)9+ N)'9K S""*-+),(,+'	@;ÄÄ;C:ÄB Ä:6CD 5E
>	\)..2& N)'9 J5** 5'L""M	@;ÄÄ;C:ÄB Ä:6Ä< 5E
B	["..\$*/ !\$..0K VCV	@;Ä:;C:ÄB =6C7 NE
@	5.. "- (+ )L"l+ c U"2*(1K U\$(1K Q"#*0,\$&K 8)((+ N)'90 \$* 8T E \$G,\$!)*	@;Ä:;C:ÄB D6Ä= NE
Ä:	VCVK 5CK O+F+'	@;Ä:;C:ÄB ÄC6C@ NE
ÄÄ	L"(, "- (+ ""+0 1"2 %+*(\$""K L2( *( I+1 '+G+*(.1	@;@;C:ÄB67: NE
ÄC	["..\$*/ !\$..0K S"#+' !2""*	@;@;C:ÄB =6=Ä NE
Ä7	["..\$*/ !\$..0K V""3+'c("cV""3+'K O+F+' E+(" &)'9K Z)(+'."" ) '+'K i+*0\$*/(""	@;@;C:ÄB B6C: 5E
ÄD	["..\$*/ !\$..0K 0)((+ &)'90	@;@;C:ÄB =6:: 5E
Ä=	["..\$*/ !\$..0K V""3+' (" V""3+' (')\$K 55 &)'90K +(G	@;B;C:ÄB 67< NE
Ä<	["..\$*/ ,\$.0	@;B;C:ÄB D6DC NE
Ä>	W L\$9+ (+ V (" V (')\$ .#++9.1 \$* 3\$--++*( &)'0 "- (+ G"Ä1? T0&+G\$)..1 P&0\$.)(\$ Q"#*0,\$&?	@;@;C:ÄB ÄÄ6== 5E
ÄB	["..\$*/ !\$..0K \)..2& N)'9K V"L S\$.+1 N)'9	@;@;C:ÄB B6== NE

Ä@ ; <=

ÄÄ !"#%&'()\*\$ \*!Ä&- ./01,0#%!(.\$&2&,#!' &34,506

Ä@	5.. "- (+ )L"l+	@;<;C:ÄB Ä6:Ä NE
C:	[!..\$/ !\$.0K W*3+&+*3+*G+ S)9+K	@;<;C:ÄB ÄC6DC NE
CÄ	[!..\$/ !\$.0 UN	@;<;C:ÄB ÄÄ67= 5E
CC	[!..\$/ !\$.0	@;<;C:ÄB ÄÄ6Ä= 5E
C7	V""3+'c("cV""3+' (')\$\$.K 0() (+ &)'90K N)'9+' E\$..	@;<;C:ÄB Ä:6CB 5E
CD	[!..\$/ !\$.0	@;<;C:ÄB =6=D 5E
C=	[!..\$/ !\$.0K U"2*(1 N)'9K N)'9+' E\$.0K V""3+' (" L""3+' (' )\$.	@;=;C:ÄB <6=C NE
C<	VCV (')\$.	@;=;C:ÄB <6D@ NE
C>	[!..\$/ !\$.0	@;=;C:ÄB Ä6DÄ NE
CB	[!..\$/ !\$.0	@;=;C:ÄB ÄC6C> NE
C@	V""3+'c("cV""3+' Q')\$.K \)..2& &)'9K N)'9+' E\$. &)'9	@;=;C:ÄB@67> 5E
7:	[!..\$/ !\$.0	@;=;C:ÄB @6CÄ 5E
7Ä	V""3+'c("cV""3+' (')\$.	@;=;C:ÄB @6ÄÄ 5E
7C	N)'9 "" \+33+0 ["]3 \$* 5** 5'L ""	@;=;C:ÄB B6=D 5E
77	[!..\$/ !\$.0K VCV (')\$\$.K S\$.\$.+K \)..2&K N\$((0-\$+3 N'+0)(2+ Q')\$. 5'+)	@;=;C:ÄB B67= 5E
7D	[!..\$/ !\$.0K U"2*(1 X)% N)'9K V\$'3 !\$.0 ^)(2'+ 5'+)K U,+ ' 1 !\$. ^)(2'+ N'+0+'l+	@;=;C:ÄB B67Ä 5E
7=	[!..\$/ !\$.0	@;=;C:ÄB B6:< 5E
7<	[!..\$/ !\$.0	@;D;C:ÄB B6C> NE
7>	[!..\$/ !\$.0 U"2*(1 c #).9;2* ).. 1+' '.*? S"l+ \$(?	@;D;C:ÄB B6Ä< 5E
7B	[!..\$/ !\$.0 +N""0(+C? \$l+'0\$3+2 X" \$C) )? " "" }+ (" L""3+' ( \$ 2 Z)( " " 0)(+ + G +)	@;C;C:ÄB <6DB NE
7@	VCVK "" .\$/ !\$.0K %)*1 &)'90 \$* 5** 5'L "" )3 U)*( *	@;Ä;C:ÄB >6C= NE
D:	0() (+ &)'90K G"2*(1 &)'90K "" ..\$/ !\$.0	B;CB;C:ÄB B6:Ä NE
DÄ	[!..\$/ !\$.0K \)..2& N)'9	B;CC;C:ÄB Ä:6=7 5E
DC	[!..\$/ !\$.0	B;CC;C:ÄB Ä:6Ä> 5E
D7	E+( "" &)'90 )*3 8() (+ &)'90 )*3 (')\$0	B;Ä@;C:ÄB Ä6:C NE
DD	[!..\$/ !\$.0K V""3+'c("cV""3+'K O' / &)'9 )( T.0#""(, Y N.) (	B;ÄB;C:ÄB ÄÄ6CC 5E
D=	[!..\$/ !\$.0K %)*1 5** 5'L "" &)'90	B;Ä>;C:ÄB ÄC6C@ NE
D<	[!..\$/ !\$.0 U"2*(1 N)'9K V""3+'c("cV""3+' (')\$\$.K 5C N)'90	B;Ä>;C:ÄB ÄÄ6=: 5E
D>	LCLK N\$*G9*+1 [+G? 5'+)K i+*0\$*/(" E+( "" &)'9K [!..\$/ !\$.0K 5'LK V"()*\$G). \)'3+*0K \)..2& N)'9K N)'9+' E\$.K S)X+/'+	B;Ä>;C:ÄB B6:D 5E
DB	E+( "" &)'90 JO+F(+K i+*0\$*/(" K S"#+' l2""* E+( "" &)'9K S)9+.) *3 Q')\$.M	B;Ä<;C:ÄB Ä:6C: NE
D@	V""3+' (" L""3+' c P&0\$.)(\$ )'?)	B;Ä<;C:ÄB B6ÄÄ NE
=:	U"2*(1 -)'% &)'9K \)..2& &)'9K X2..+' &)'9	B;Ä<;C:ÄB Ä6=D NE
=Ä	[!..\$/ !\$.0	B;Ä<;C:ÄB ÄC6D@ NE
=C	E+( "" &)'90K 8() (+ N)'90	B;Ä<;C:ÄB ÄÄ6DB 5E
=7	^)*G1K S""*+),+K ^""(, V)1K Q+F(\$.+	B;Ä<;C:ÄB Ä:6DB 5E
=D	l2""* E+( "" N)'90	B;Ä<;C:ÄB Ä:6CÄ 5E
==	[!..\$/ !\$.0	B;Ä<;C:ÄB @6D< 5E
=<	W (') +. (+ VCV (')\$ .'+/2.).1 "" %1 L\$9+?	B;Ä<;C:ÄB >67< 5E
=>	[!..\$/ !\$.0	B;Ä<;C:ÄB =6ÄC 5E
=B	[!..\$/ !\$.0 Z)(+' N)'9	B;Ä=;C:ÄB Ä:6Ä: NE

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ÄÄ !"#%&'()\*\$ \*!Ä&- ./01,0#%!(.\$&2&'#!" &34,506

=@	)** )L"K 1&0\$.)*( \$K #)0,(+*)#	B;Ä=C;ÄB @6:> NE
<:	[!..\$/ !\$.0 U"2*(1 N)9K V"3+' (" V"3+' Q')\$.K Z)0,(+*)# U"2*(1 &'+0+!+0	B;Ä=C;ÄB B6CD NE
<Ä	W*3+&+*3+*G+ S)9+ G"2*(1 &)'9	B;Ä=C;ÄB >6Ä= NE
<C	5** 5'L" &)'90f G"2*(1 -)'% &)'9	B;Ä=C;ÄB >6Ä7 NE
<7	[!..\$/ !\$.0	B;Ä=C;ÄB <6Ä@ NE
<D	U\$(1 "- 5** 5'L" N)'90K E+("&)'90K 8()+( N)'90K U\$(1 "- P&0 \$.)*( \$N)'90K V"3+' (" V"3+'+' (!)\$.K Z)0,(+*)# U"2*(1 N)'90	B;Ä=C;ÄB 76=@ NE
<=	\)..2&K X2'0'+*L2'/K !230"* E\$.0	B;Ä=C;ÄB C6D< NE
<<	!2" _)..+1 E+("N)'9	B;Ä=C;ÄB Ä6DC NE
<>	L"3+'c("cL"3+' (')\$ .K [\$!+'0\$3+ )*3 X"/ W0.)*3 N)'90K %+( ' "&)'90	B;Ä=C;ÄB Ä6CÄ NE
<B	[!..\$/ !\$.0K 8)'3') [\$G,)'30"*K O')&+c!"20(""	B;Ä=C;ÄB Ä67 NE
<@	W 20+ (, +)\$. -"%" !+#\$(( )*3 !2" (" O\$FL"?"	B;Ä=C;ÄB Ä67B NE
>:	[!..\$/ !\$.0	B;Ä=C;ÄB Ä67C NE
>Ä	Z+ !\$0\$([!..\$/ !\$.0 U"2*(1 N)'9 -'+H2+*(.1?)	B;Ä=C;ÄB Ä:6CÄE
>C	V"3+' (" L"3+' (')\$.	B;Ä=C;ÄB Ä:6Ä7 5E
>7	N\$*G9*+1 [+G+)](\$* 5'+)K U"9+3 S)9+K &2L.\$G L+)G, \$* S+FG**	B;Ä=C;ÄB Ä:6< 5E
>D	Z\$. "# %+(("K 8,+#"3K ."#+ ' !2"	B;Ä=C;ÄB Ä:6= 5E
>=	[!..\$/ !\$.0K VCVK \)..2&K E+(" )'90	B;Ä=C;ÄB Ä:6Ä 5E
><	[!..\$/ !\$.0 )*3 V"3+'c("cL"3+' (')\$.	B;Ä=C;ÄB @6DD 5E
>>	[!..\$/ !\$.0 <N)'9+' F\$.K S+X' /+ C')\$.K	B;Ä=C;ÄB @6D7 5E
>B	[!..\$/ !\$.0 <VQV Q')\$. ( 5** 5'L" &)'9	B;Ä=C;ÄB @6C= 5E
>@	[!..\$/ !\$.0 -" (, + +F(+*0\$!+ #),9\$/ (')\$0?	B;Ä=C;ÄB @6Ä@
B:	V"3+'c("cV"3+' Q')\$.K \)..2& N)'90K X2.. N)'9 <5 " U)0\$3 -0K 8#\$( [2' 3' &)'9K O+.,\$ E+("&)'9	B;Ä=C;ÄB @6:7 5E
BÄ	!230"* E\$.0K i+**0\$/("K W*3+&+*3+*G+ S)9+K E)1L+*1	B;Ä=C;ÄB B6D@ 5E
BC	[!..\$/ !\$.0	B;Ä=C;ÄB B67> 5E
B7	[!..\$/ !\$.0K U)*(" 8&.)0, N)3 )*3 &.)1 0('2G(2'+K Q2'(+ U "I+ ) ( S"#+ ' !2" E+("	B;ÄD;C;ÄB C6DD NE
BD	^" (, V)1 )*3 U.2L!\$+#	<;C;ÄB @6C< 5E
B=	[!..\$/ !\$.0K V+..+ W0.+K U"2*(1 X)% N)'9K P&0\$.)*( \$U\$)90c [2,(+ '- "3 N" .K [\$!+'0\$3+ N)'9K X"/ W0.)*3 N)'9	<;Ä=C;ÄB C6D: NE

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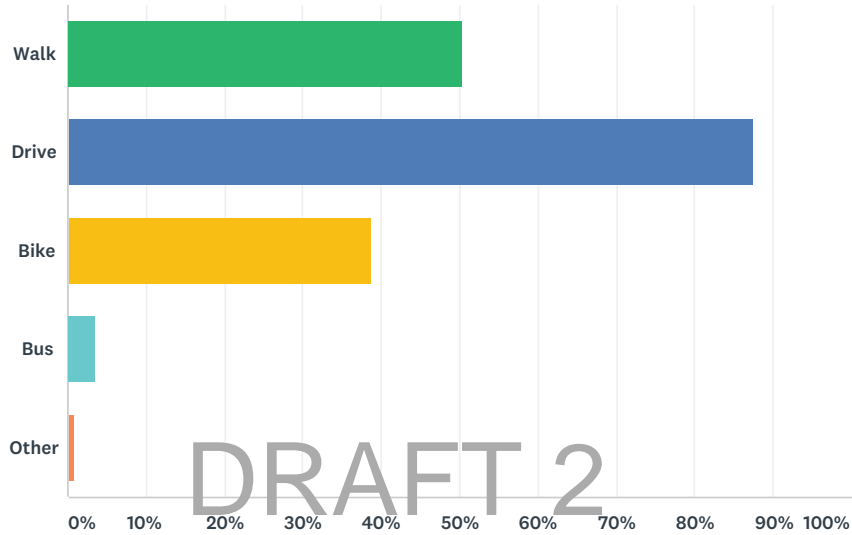
CÄ ; <=



ÄÄ !"#\$\$%&'()\* \$ \*!Ä& .&/01,0#%!(.\$&2&'#!" &34,506

ÄÄ: !"# 3" 1"2 (1&\$G)..1 ("|)+. (" P&0\$.)\*(\$ Q"#\*0,\$&'0 '+G'+)( \$"\*  
-)G\$.(\$+04 U,""0+ ).. (,)( )&&.1?

5\*0#+'+36 ÄÄÄ 89\$&&+36 C



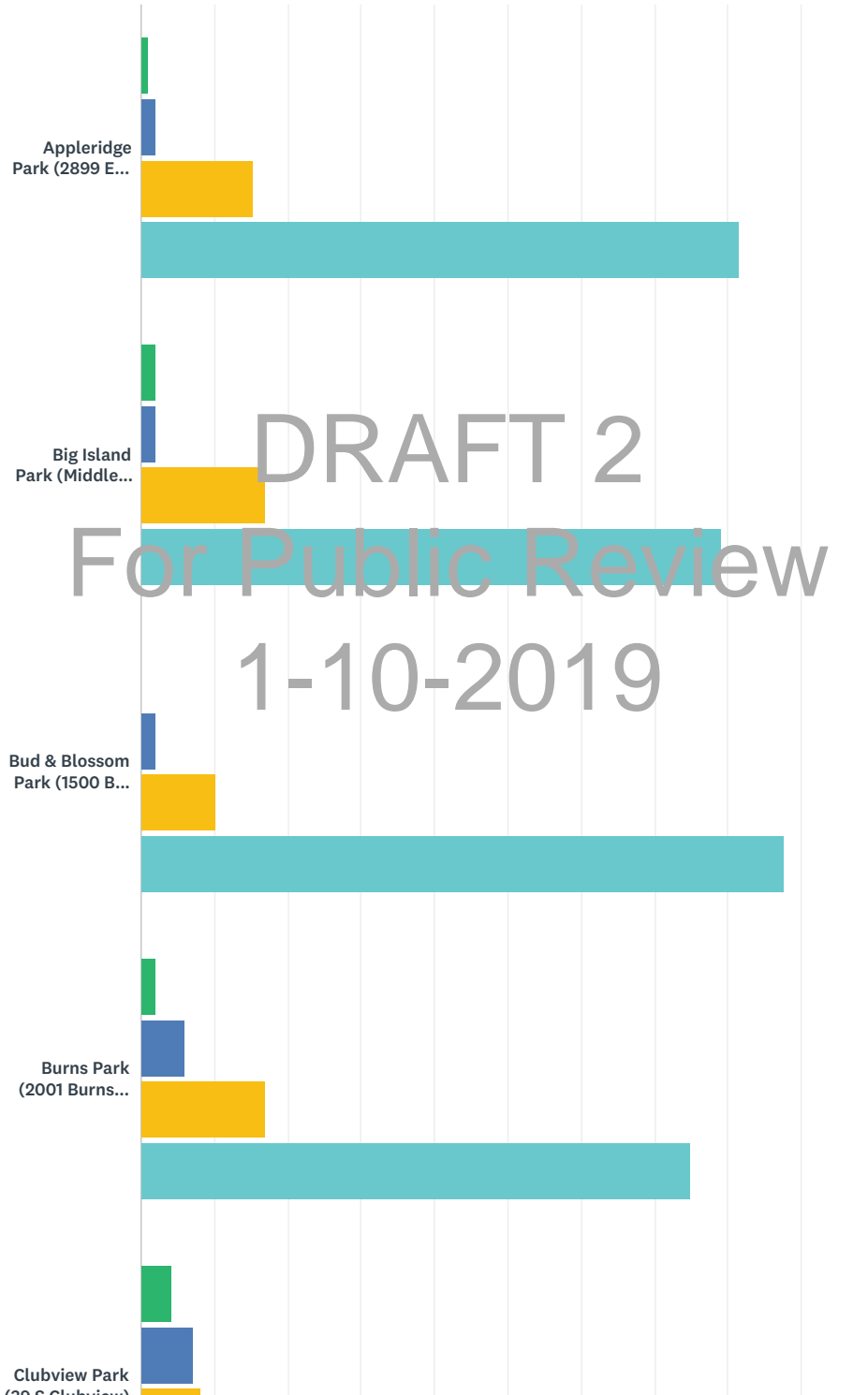
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For Public Review  
1-10-2019

()*+ !Ä.,&#. *	!%&#**	=<
Z).9	=: ?D=A	
O\$!+	D>?@A	@>
V\$9+	7B?>DA	D7
V20	7?<:A	D
R(+'	:?@:A	Ä
Q"). [+0&"*3+*(06 ÄÄÄ		

ÄÄ !"#%&'()\* \$ \*!Ä&- ./01,0#%!(.\$&2&'#!" &34,506

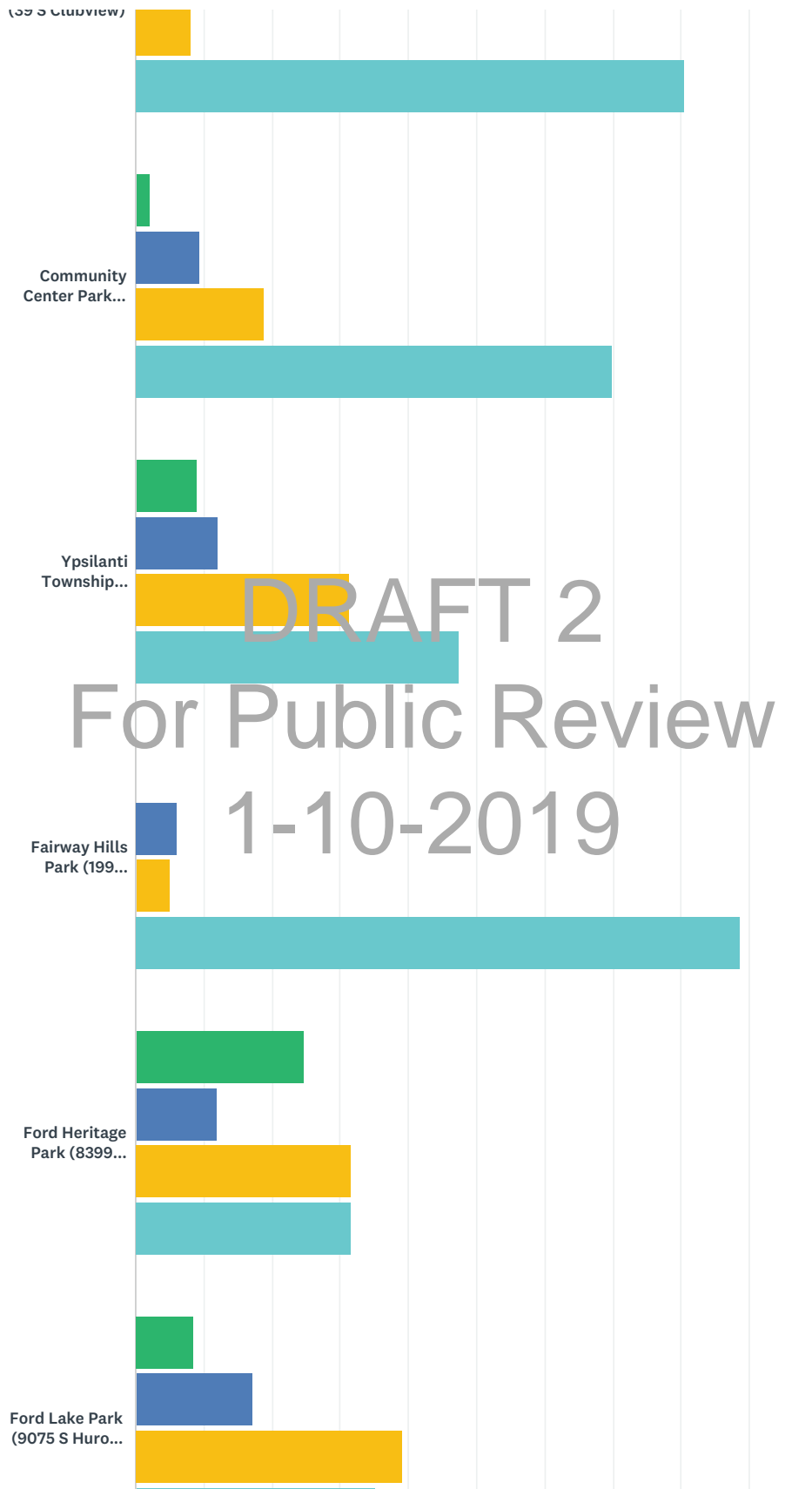
ÄÄÄ W\* (+ &)0( ÄC %"\*(,0K ,"# %)\*1 (\$%+0 ,)I+ 1"2 I\$0\$(+3 P&0\$)\*(\$  
Q"#\*0,\$&`0 '+G'+)(\$"\* -)G\$..\$(\$+04

5\*0#+'+36 Ä:B 89\$&&+36 =



C7 ; <=

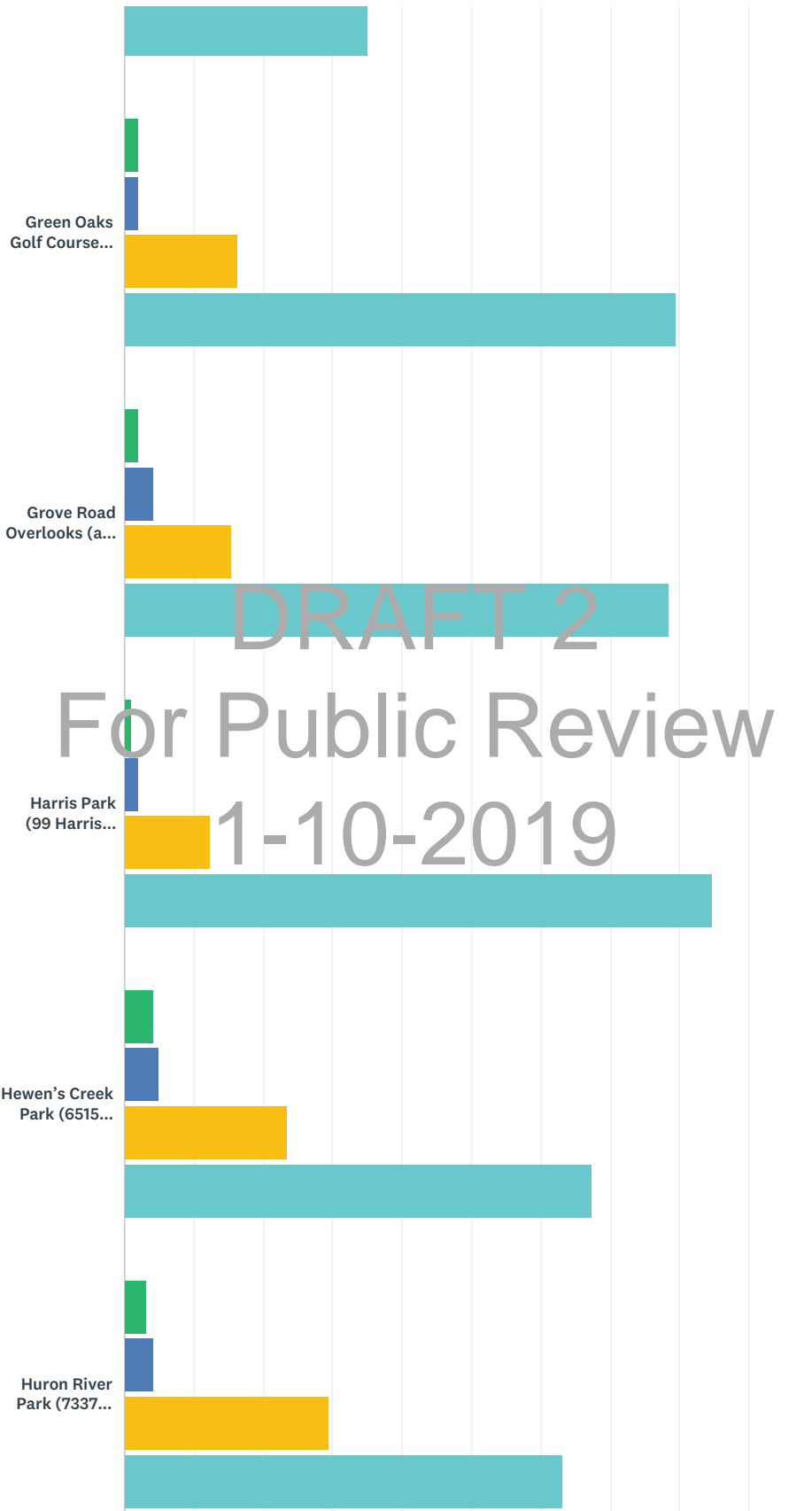
ÄÄ !"#\$%&'()\* \$ \*!Ä& .&/01,0#%!(.\$&2&'#!" &34,506



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CD ; <=

ÄÄ !"#%&'()\* \$ \*Ä& .&/01,0#%!(.\$&2&'#!" &34,506



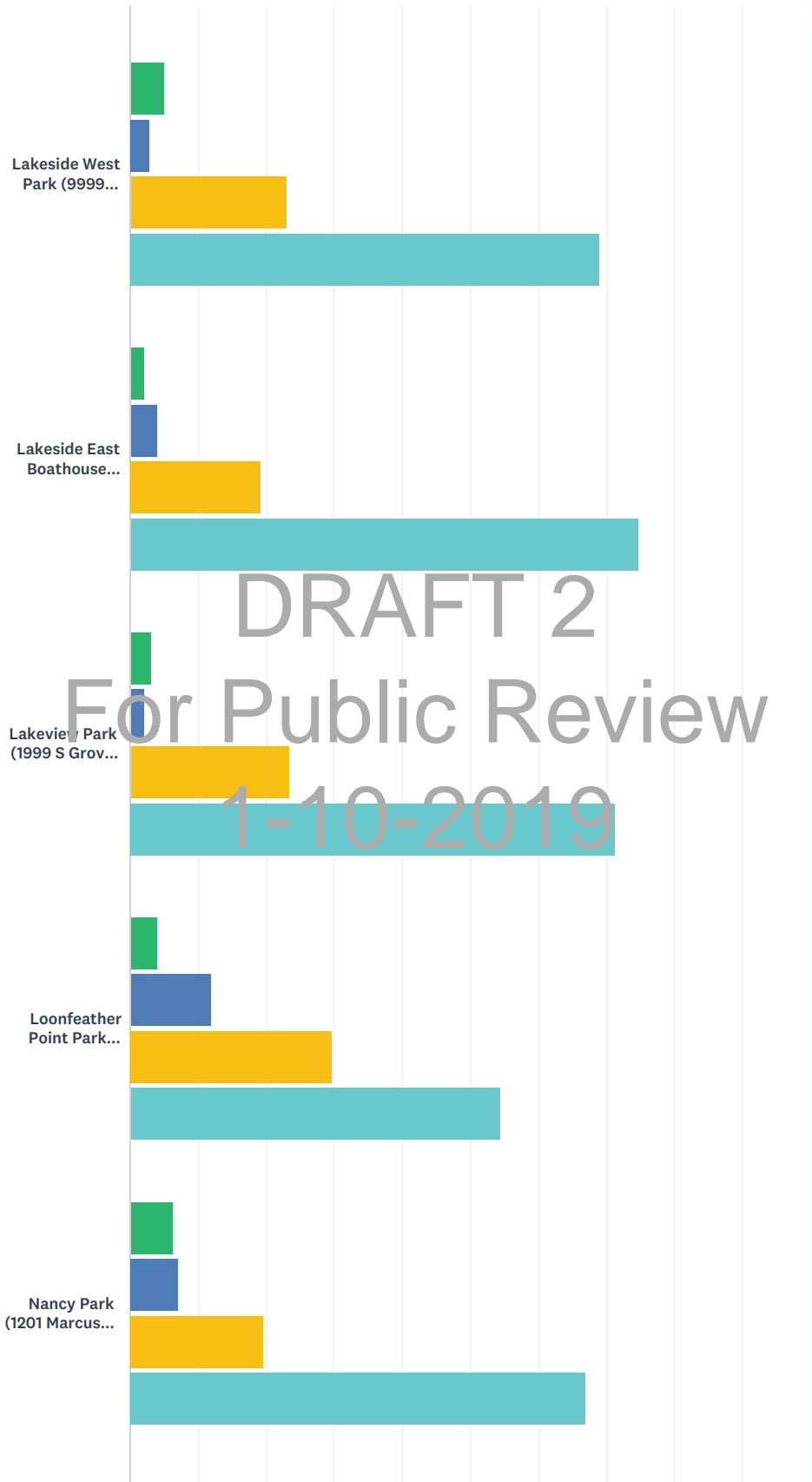
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C= ; <=

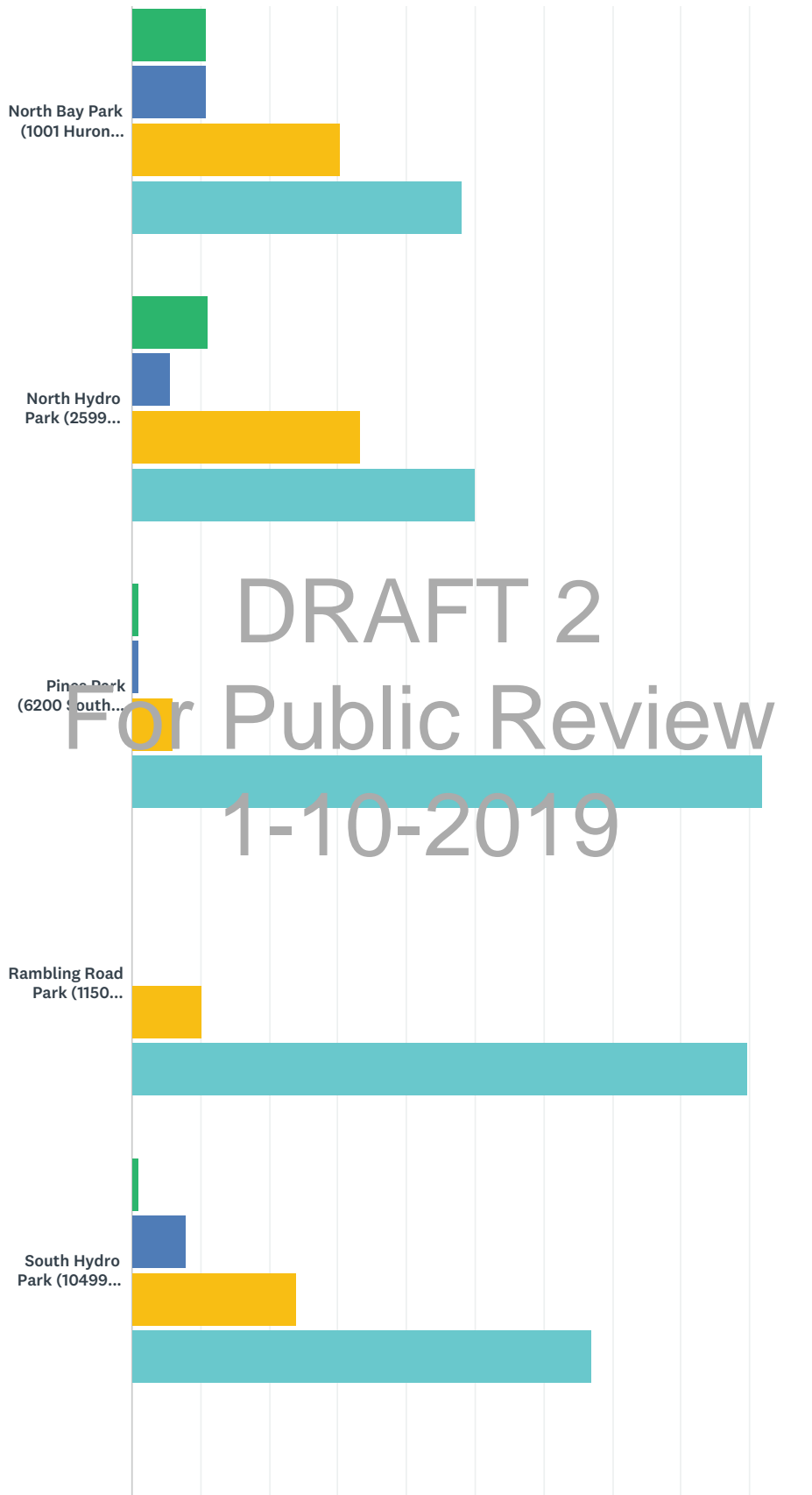
ÄÄ !"#%&'()\* \$ \*!Ä& - .&/01,0#%!(.\$&2&'#!" &34,506



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For Public Review  
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C< ; <=

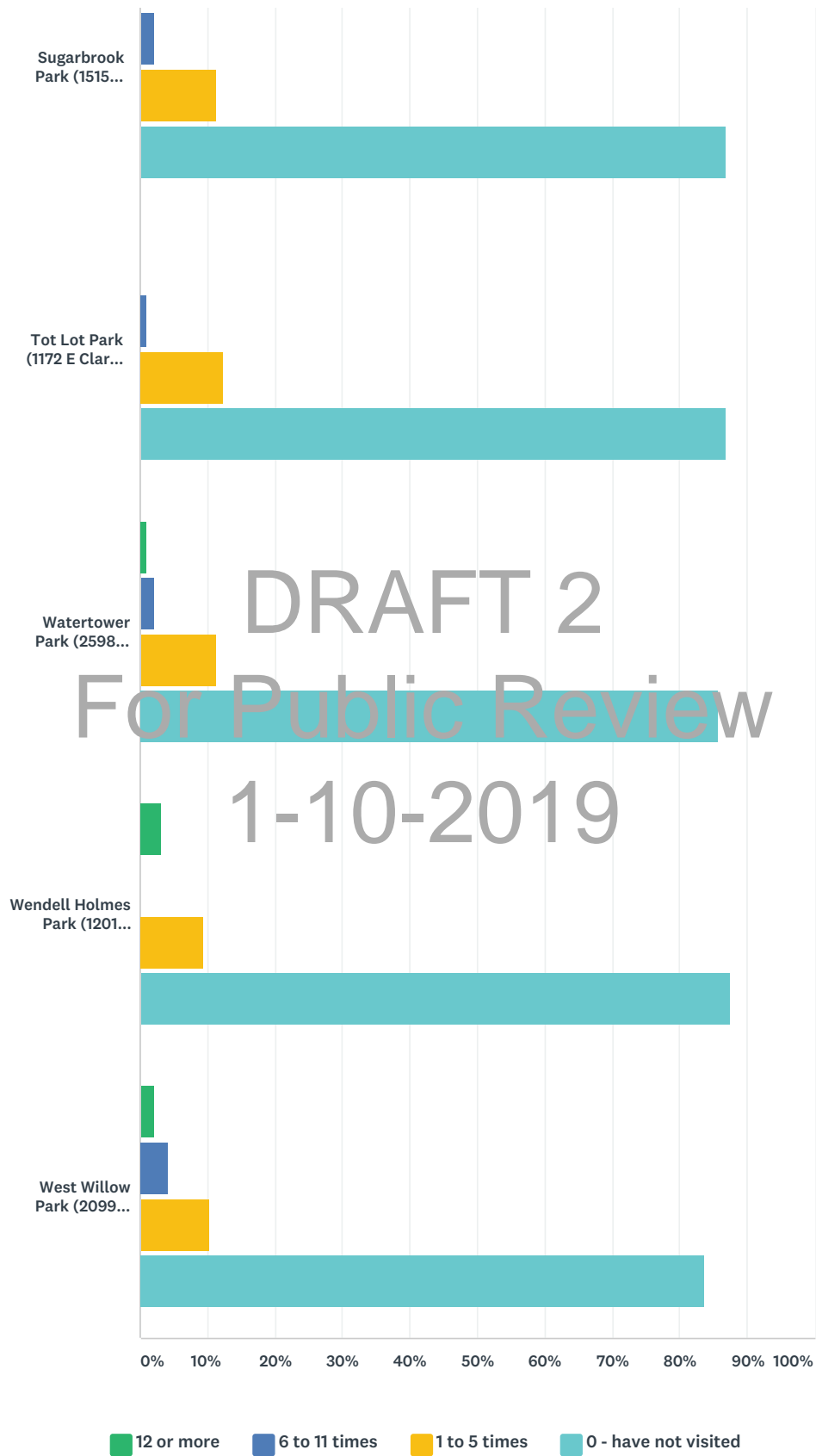
ÄÄ !"#%&'()\* \$ \*!Ä& - .&/01,0#%!(.\$&2&'#!" &34,506



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For Public Review  
1-10-2019

C> ; <=

ÄÄ !"#\$%&'()\* \$ \*!Ä& - .&/01,0#%!(.\$&2&'#!" &34,506



CB ; <=

ÄÄ !"#%&'()\*\$ \*!Ä&- ./01,0#%!(.\$&2&'#!" &34,506

Ä	<=Ä&! \$&!	>Ä'&Ä<< #*\$ *	<Ä'&Ä? #*\$ *	@ÄÄÄ,(Ä Ä)&' Ä#*# 0	'&'(-
5&&.+\$3/+ N)9 JCB@@ T U.)9M	Ä?:CA Ä	C?:DA C	Ä=?7ÄA Ä=	BÄ?<7A B:	@B
V\$/ W0.)*3 N)9 JE\$33.+ "- X"3 S)9+M	C?:A C	C?:A C	Ä>?:A Ä>	>@?:A >@	Ä::
V23 Y V."00"% N)9 JÄ=: V23 8('++(M	:?:A :	C?:DA C	Ä: ?C:A Ä:	B>?><A B<	@B
V2*0 N)9 JC:Ä V2*0 8('++(M	C?:A C	<?:A <	Ä>?:A Ä>	>=?:A >=	Ä::
U.2LI\$+# N)9 J7@ 8 U.2LI\$+#M	D?:BA D	>?ÄDA >	B?Ä<A B	B: ?<ÄA >@	@B
U""%2*\$ (1 U+*(+ N)9 JC:: T U.)9M	C?:BA C	@?7BA @	ÄB?>=A ÄB	<@?>@A <>	@<
P&0\$.)*( \$ Q"#*0,\$& U""%2*\$ (1 U+*(+ JC:C= T U.)9M	@?:@A @	ÄC?ÄCA ÄC	7Ä?7ÄA 7Ä	D>?D>A D>	@@
X)\$#)1 !\$.0 N)9 JÄ@@ U)\$)+ Z)1M	:?:A :	<?ÄCA <	=?Ä:A =	BB?>BA B>	@B
X"3 !+\$(/)+ N)9 JB7@@ Q+F(\$.+ ["]3M	CD?>=A C=	ÄÄ?BBA ÄC	7Ä?<BA 7C	7Ä?<BA 7C	Ä:Ä
X"3 S)9+ N)9 J@:>= 8 !2"" [\$!+' O\$!+M	F?A @	Ä>?ÄDA ÄB	7@?:=A DÄ	7=?CDA 7>	Ä:=
\'+* R)90 \'- U"2'0+ JC:C= T U.)9 ["]3M	C?:DA C	C?:DA C	Ä<?77A Ä<	>@?=@A >B	@B
\''I+ ["]3 RI+' ""90 J)( !)"1 *3 E)'N\$ / 8('++(0M	C?:A C	D?ÄCA D	=?D<A A=	>B?7=A ><	@>
!) "\$0 N)9 J@@ !)"\$0 ["]3M	Ä?:CA Ä	C?:DA C	ÄC?CDA ÄC	BD?<@A B7	@B
!+#+*]0 U'+9 N)9 J<=Ä= V+%\$0 ["]3M	D?:BA D	=?Ä:A =	C7?D>A C7	<>?7=A <<	@B
!2"" [\$!+' N)9 J>77> !2"" [\$!+' O\$!+M	7?:<A 7	D?:BA D	C@?=@A C@	<7?C>A <C	@B
S)9+0\$3+ Z+0( N)9 J@@@@ Q+F(\$.+ ["]3M	=?:A =	7?:A 7	C7?:A C7	<@?:A <@	Ä::
S)9+0\$3+ T)0( V")("20+ JÄ::D@ Q+F(\$.+ ["]3M	C?:CA C	D?:DA D	Ä@?Ä@A Ä@	>D?>=A >D	@@
S)9+I\$+# N)9 JÄ@@@ 8 \''I+ ["]3M	7?:<A 7	C?:DA C	C7?D>A C7	>Ä?D7A >:	@B
S""+-(,+ ' N"\$*( N)9 JÄ7D: 8 \''I+ ["]3M	7?@<A D	ÄÄ?BBA ÄC	C@?>:A 7:	=D?D<A ==	Ä:Ä
^)*G1 N)9 JÄC:Ä E)G20 8('++(M	<?Ä@A <	>?CCA >	Ä@?=@A Ä@	<>?:ÄA <=	@>
^""(, V)1 N)9 JÄ::Ä !2"" 8('++(M	Ä: ?>BA ÄÄ	Ä: ?>BA ÄÄ	7: ?7@A 7Ä	DB?:DA D@	Ä:C
^""(, !13" N)9 JC=@@ V\$3/+M	ÄÄ?ÄÄA C	=?<A Ä	77?77A <	=?:A @	ÄB
N\$+0 N)9 J<C:: 8"2(, WI)*,+M	Ä?:CA Ä	Ä?:CA Ä	<?ÄCA <	@Ä?BDA @:	@B

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ÄÄ !"#\$%&'()\$ \*!Ä& - ./01,0#%!(.\$&2&'#!" &34,506

[])%L.\$*/ ["]3 N)9 JÄÄ=: S+F\$*/([" N)9#)1M	:?::A :	:?::A :	Ä:~?C:A Ä:	B@~?B:A BB	@B
8"2(, !13" N)9 JÄ:D@@ Q+F(\$+ ["]3M	Ä?::A Ä	B?::A B	CD?::A CD	<~?::A <	Ä::
82/)L""9 N)9 JÄ=Ä= 5*3'+) 8('++(M	:?::A :	C?::DA C	ÄÄ?CCA ÄÄ	B<~?>7A B=	@B
Q"( S"( N)9 JÄÄ>C T U.)'9 ["]3M	:?::A :	Ä?::CA Ä	ÄC?CDA ÄC	B<~?>7A B=	@B
Z)(+'("#+' N)9 JC=@B _+*) 8('++(M	Ä?::CA Ä	C?::DA C	ÄÄ?CCA ÄÄ	B=~?>ÄA BD	@B
Z+*3+.. !".%+0 N)9 JÄC:Ä !".%+0 ["]3M	7?Ä7A 7	:?::A :	@~?7BA @	B>~?=:A BD	@<
Z+0( Z\$. "# N)9 JC:@@ Q1.+ ["]3M	C?::DA C	D?::BA D	Ä:~?C:A Ä:	B7?<~>A BC	@B

# DRAFT 2

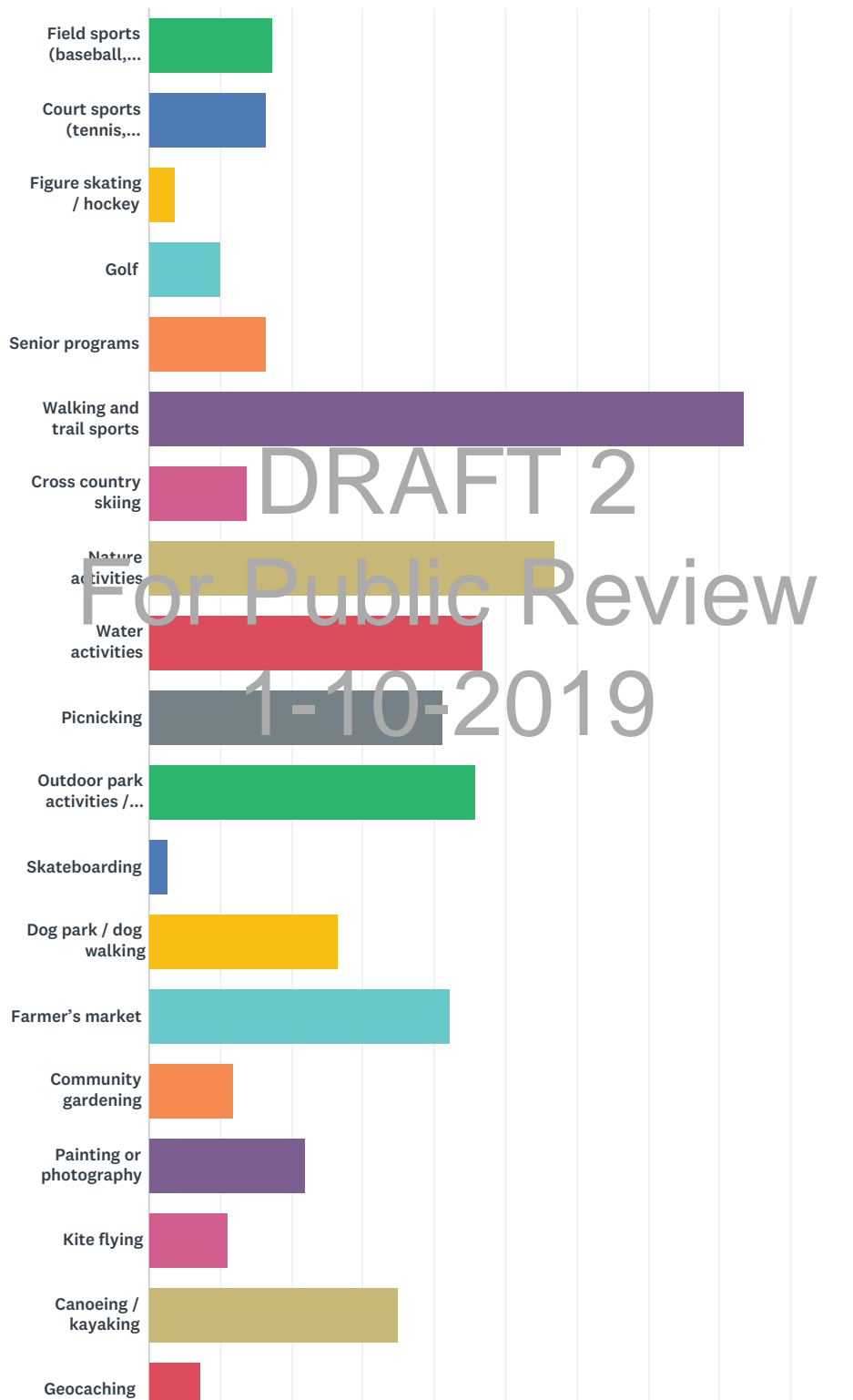
## For Public Review

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ÄÄ !"#%&'()\* \$ \*!Ä& - ./01,0#%!(.\$&2&,'#!" &34,506

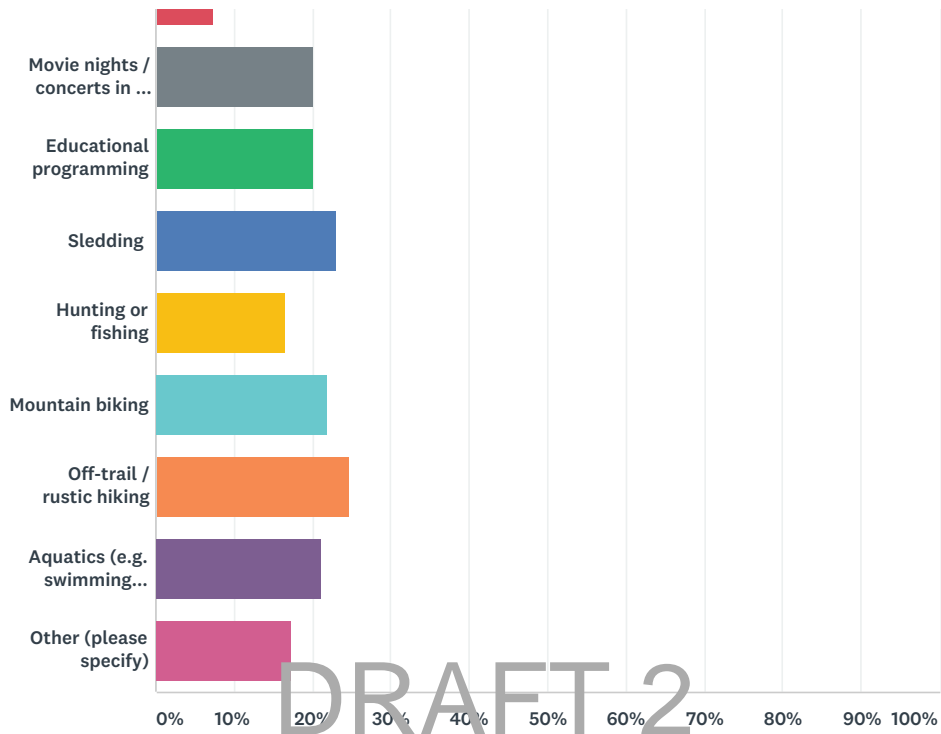
ÄÄCZ,)( (1&+ "- )G(\$!\$(+\$+0 3" 1"2 "' 1"2' -)%\$.1 '+/2.)'.1 &)' (\$G\$&)(+ \$\*^

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ÄÄ !"#%&'()\*\$ \*!Ä&- .&/01,0#%!(.\$&2&,#!" &34,506



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(!)*+ !Ä.,&#. *	! *0&)* **	
X\$+.3 0&""(0 JL)0+L)..K - '(L)..K 0"5G+K +(G?M	A-?D7A	Ä@
U"2'( 0&""(0 J(+**\$0K &\$G9.+L)..K L)09+(L)..K +(G?M	Ä<?=ÄÄ	ÄB
X\$/2'+ 09)(\$*/ ; ,"G9+1	7?<>A	D
\".-	Ä?:@A	ÄÄ
8+*\$"" &""/)%0	Ä<?=ÄÄ	ÄB
Z).9\$*/ )*3 (')\$ .0&""(0	B7?D@A	@Ä
U""00 G"2*( '1 09\$\$*/	Ä7?><A	Ä=
^(2'+ )G(\$!\$(+0	=<?BBA	<C
Z)(+' )G(\$!\$(+0	D<?>@A	=Ä
N\$G*\$G9\$*/	DÄ?CBA	D=
R2(3"" & )9 )G(\$!\$(+0 ; &.)1/"2*3	D=?B>A	=:
89)(+L)"3\$*/	C?>=A	7
O"/ &)'9 ; 3"/ #).9\$*/	C<?<ÄÄ	C@
X)'%+']0 %)9+(	DC?C:A	D<
U""%2*\$\$(1 /)'3+*\$*/	ÄÄ?@7A	Ä7
N)\$*(\$*/ "" &,"(')&,1	CC?:CA	CD
i\$(+ -.1\$*/	ÄÄ?:ÄÄ	ÄC
U)"*+\$*/ ; 9)1)9\$*/	7D?B<A	7B

7C ; <=

ÄÄ !"#\$\$%&'()\*\$ \*!Ä&- ./01,0#%!(.\$&2&,#!" &34,506

\+"G)G,\$*/	>?7DA	B
E"l\$+ *\$/(0 ; G"*G+(0 \$* (+ &)'9	C:?ÄBA	CC
T32G)(\$**). &'/'%%\$*/	C:?ÄBA	CC
8.+33\$*/	CC?@DA	C=
!2*(\$*/ "' -\$0,\$*/	Ä<?=ÄA	ÄB
E"2*(\$* L\$9\$*/	CC?:CA	CD
R--c(')\$ . ; '20(\$G , \$9\$*/	CD?>>A	C>
5H2)(\$G0 J+?/? 0#\$\$%\$*/ .+00"*0K #)(+' &".K +(G?M	CÄ?Ä:A	C7
R(+ ' J&.+ )0+ 0&+G\$-1M	Ä>?D7A	Ä@
Q"(). [+0&"*3+*(06 Ä:@		

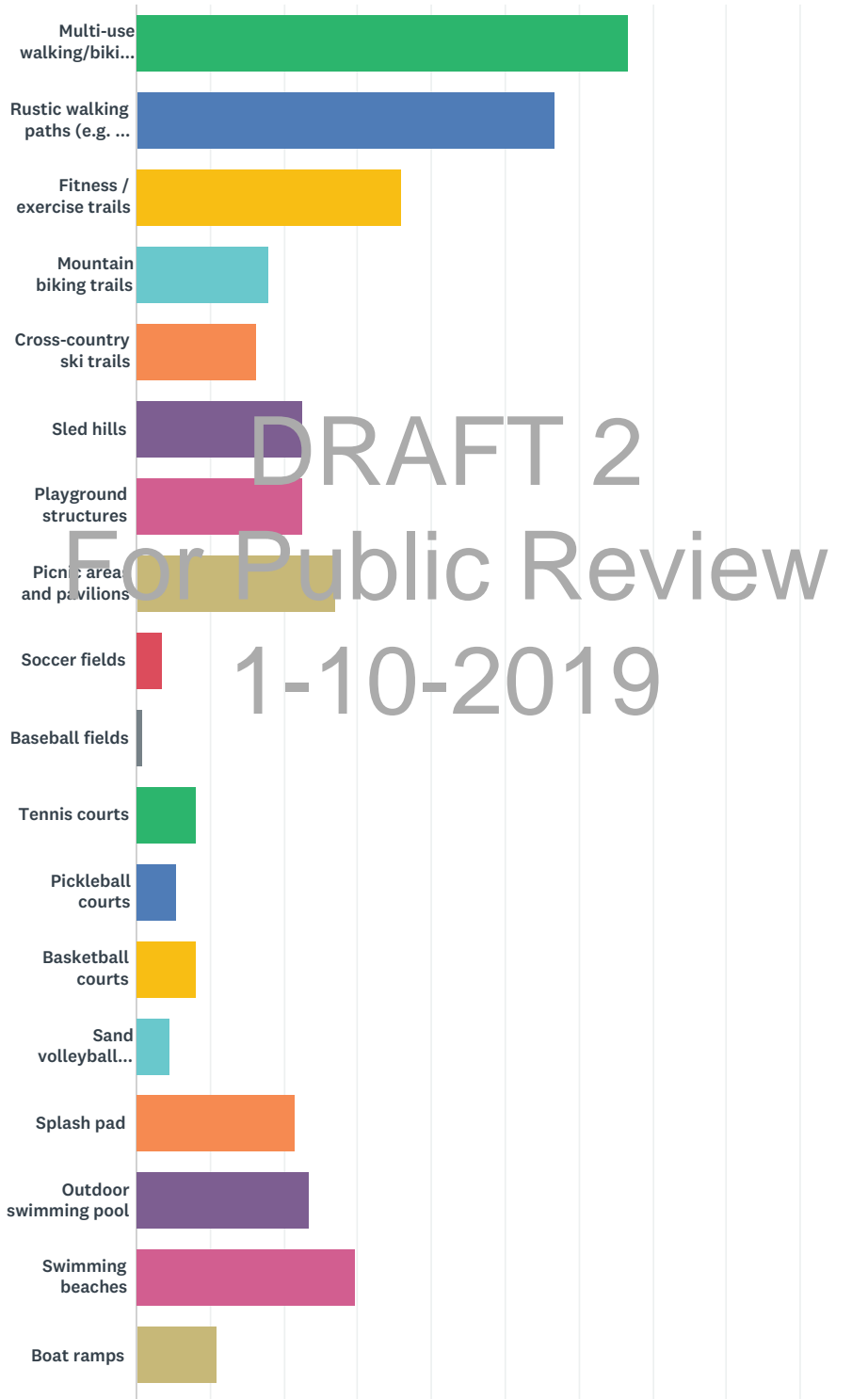
4	&' !Ä5%- (* Ä*% .#/'6	0('
Ä	[ 2**\$*/K N"9+%**	@;ÄÄ;C:ÄB Ä:6=7 5E
C	[+]3\$*/K #)(G,\$*/ )G(\$l\$(1 "** (+ .)9+	@;ÄÄ;C:ÄB Ä:67D 5E
7	[ "]3 L\$9\$*/	@;ÄÄ;C:ÄB Ä:6CD 5E
D	0**#0,"+\$*/	@;Ä:;C:ÄB D6Ä= NE
=	V\$9\$*/K '2**\$*/K -\$(*+00	@;@;C:ÄB =6:: 5E
<	[ "]3 L\$9\$*/	@;B;C:ÄB B67< NE
>	V20 -" 0+ )0 (" Q"# '0 \$& [+C )(\$** U+ (+ 4	@; >;C:ÄB ÄÄ6=≠E
B	V\$9\$*/K '2**\$*/	@;=;C:ÄB <6=C NE
@	L\$9\$*/	B;CB;C:ÄB B6:Ä NE
Ä:	U"%%2*\$ (1 N\$G*\$G0 Y +I+*(0 +3 L 1 '+C\$3+*(0# *+\$/L" "3)00 ;\$)( "0	B;C>;C:ÄB 76Ä< NE
ÄÄ	N+"&. + #)(G,\$*/ 6M ().9\$*/K Z\$X\$ \$*) 0\$((\$/ )'+)	B;Ä@;C:ÄB Ä6 NE
ÄC	P&0\$ ' +G 3)*G+ )*3 1"2(, 0&"(0 &'/' )%0K 0&+G\$). +I+*(0	B;Ä>C:ÄB ÄC6C@ NE
Ä7	?	B;Ä>;C:ÄB >6=: 5E
ÄD	V\$9\$*/ "*" (')\$0 J%)\$* .1 &)+3 (')\$0 \$* E+( "'&)'90M	B;Ä<;C:ÄBÄ:6C: NE
Ä=	V\$9\$*/	B;Ä<;C:ÄB >67< 5E
Ä<	V\$'3#)(G,\$*/	B;Ä=;C:ÄB D67Ä NE
Ä>	V\$'3\$*/K V\$9\$*/ J"*( %"2*())\$*M	B;Ä=;C:ÄB 76=@ NE
ÄB	V\$'3#)(G,\$*/K &,"('')&,1	B;Ä=;C:ÄB C6D< NE
Ä@	G1G.\$*/	B;Ä=;C:ÄB ÄC67B NE

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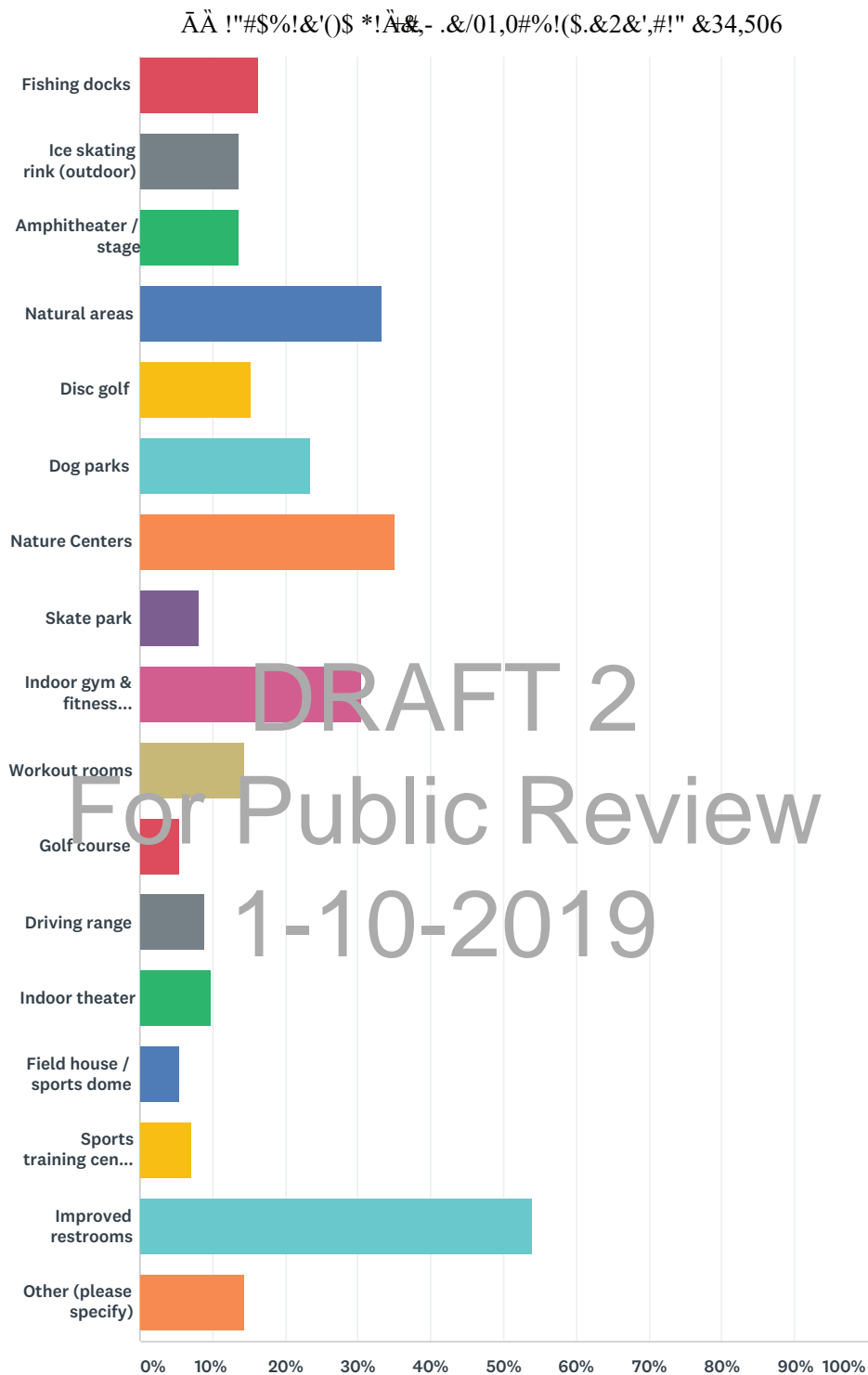
ÄÄ !"#\$%&'()\* \$ \*!Ä& - .&/01,0#%!(.\$&2&'#!" &34,506

ÄÄ7 Z,\$G, "- (+ -".."#\$\*/ &)'9 )%+\*\$( \$+0 # "2.3 1"2 .\$.9+ (" 0++ %""+ "-4  
U, ""0+ ).. (,)( )&&.1?

5\*0#+'+36 ÄÄÄ 89\$&&+36 C



7D ; <=



()*+ !Ä.,&#. *	! *%&)* * *
E2.(\$c20+ #).9\$*/;L\$9\$*/ &)(,0 J+?/? Ä: `#\$3+ &)I+3 &)(,#)10M	<<?<>A >D
[20(\$G #).9\$*/ &)(,0 J+?/? B `G'20,+3 .\$.%+0(""+ "" #""3 G,\$\$ &)(,0 \$*(2'+ )+)0M	=<?><A <7
X\$(+*00 ; +F+'G\$0+ (!)\$0	7<?:DA D:

ÄÄ !"#\$\$%&'()\*\$ \*!Ä&,- ./01,0#%!(.\$&2&'#!" &34,506

E"2*(\$* L\$9\$*/ (')\$.0	ÄB?:CA	C:
U""00cG"2*(1 09\$ (')\$.0	Ä<?CCA	ÄB
8.+3 ,\$.0	CC?=CA	C=
N.)1/"2*3 0('2G(2'+0	CC?=CA	C=
N\$G*\$G ')+0 )*3 &)\$\$. \$"*0	C>?:7A	7:
8"GG+' -\$+.30	7?<:A	D
V)0+L).. -\$+.30	:?@:A	Ä
Q+**\$0 G"2'(0	B?ÄÄÄ	@
N\$G9.+L).. G"2'(0	=?DÄÄ	<
V)09+(L).. G"2'(0	B?ÄÄÄ	@
8)*3 l"..+1L).. G"2'(0	D?=:A	=
8&.)0, &)3	CÄ?<CA	CD
R2(3"" 0#\$%%\$*/ &"".	C7?DCA	C<
8#\$%%\$*/ L+)G,+0	C@?>7A	77
V")( ')%&0	Ä:~BÄÄ	ÄC
X\$0,\$*/ 3"G90	Ä<?CCA	ÄB
WG+ 09)(\$*/ '\$*9 J"2(3"" 1	Ä7?=ÄÄ	Ä=
5%&,\$(,+)' ; 0()/+	Ä7?=ÄÄ	Ä=
^(2'). )'+0	77?77A	7>
O\$0G /"-	Ä=7CA	Ä>
O"/ &)'90	C7?DCA	C<
^(2'+ U+*(+0	7=?ÄDA	7@
89)(+ &)'9	B?ÄÄÄ	@
W*3"" /1% Y -\$(*+00 -)G\$. \$(1	7:~<7A	7D
Z""9"2( ""%"0	ÄD?DÄÄ	Ä<
\".- G"2'0+	=?DÄÄ	<
O'\$!\$/ ')*'+	@?:ÄÄ	Ä:
W*3"" (,+)'	@?@ÄÄ	ÄÄ
X\$+.3 ,20+ ; 0&""(0 3"%+	=?DÄÄ	<
8&""(0 (')\$*\$*/ G+*(+ JL)((\$/ G)/+0K \$*3"" (')G9K +(G?M	>?CÄÄ	B
W%&""I+3 '0( ""%"0	=D?:=A	<:
R(+, J&.+0+ 0&+G\$-1M	ÄD?DÄÄ	Ä<
Q"(). [+0&""3+*(06 ÄÄÄ		
<b>4</b>	<b>&amp;, !Ä5%- (* Ä*% .#/'6</b>	<b>0('</b>
Ä	U""%2*\$ (1 \)'3+*0	@;Ä.;C:ÄB ÄC6C@ NE

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ÄÄ !"#%&'()\*\$ \*!Ä&,- ./01,0#%!(.\$&2&,#!" &34,506

C	U"%&.+(\$**G**(\$*2)(\$**G***+G(\$** "- &)+3 &)(,0 (,) ( b20( +* 3K)*3 %""+ &)+3 %\$F+3 20+ &)(,0?	@;>;C:ÄB ÄÄ6== 5E
7	#"2.3 ."!+ (" 0++ 0"GG+' *(0) ( U.2LI\$+# N)'9	@;<;C:ÄB Ä:6CBE5
D	W*3"" 0#\$%%\$*/	@;=;C:ÄB @6CÄ 5E
=	0#\$%%\$*/ &"".	@;=;C:ÄB B6=D 5E
<	5L.\$.(1 (" #).9;\$3+ L\$9+0 (" (+%? N)'90\$3+ N'+0+!+ ,)0 "" &+3+0(\$)* )GG+00 (" )*1#,++?	@;D;C:ÄB B6Ä< 5E
>	*++3 '+0( ""%0 ) ( ).. (+ &)'90 )*3 (+1 *++3 (" L+ "&+*K &"" ( ) b" ,*0 #"2.3 L+ L+(+' (,) *"(,\$*/ ) ( ).. )'3 -"-)%\$. \$+0 "" )*1""+ (" /" -"" ). ""/ , \$9 +K #).9K +0&+G\$)..1 #\$(, G,\$.3'+* #\$(, *" L)(, ""%0 N\$((0-\$+3 ,)0 &""( ) b" ,*0 )*3 0" 3"+0 (+ G\$(1 "- ) ** )L""	B;CB;C:ÄB B6:Ä NE
B	X""3 !+'\$( )/+ #"2.3 L+ )* +FG+..+*( 0\$(+ -" ) 3"/ &)'9	B;ÄB;CÄB ÄÄ6CC 5E
@	[T8Q[RRE8 \$* (+ &)'90??	B;ÄB;C:ÄB Ä:6DD 5E
Ä:	?	B;Ä>;C:ÄB >6=: 5E
ÄÄ	E""+ "&(\$**0 -" 0#\$% .+00""0	B;Ä<;C:ÄB Ä6=D NE
ÄC	&.)1/"2*3 )*3 +H2\$&%+*( -" ÄcD 1+)0 "- )/+;0( )/+	B;Ä<;C:ÄBÄÄ6=> 5E
Ä7	V""( '\$3+0; '+*(.)0 "" -" ) -++	B;Ä=;C:ÄB =67> NE
ÄD	N""/'%0 -" *) (2'+ +32G)(\$**K 0\$/*0 (" ** ( -++3 #\$.3.\$-+?	B;Ä=;C:ÄB 76=@ NE
Ä=	i)1)9 .)2*G,;) %& *( ( 0,)' +3 #\$(, &#"'+3;%(""+3 L") (0	B;Ä=;CÄB Ä:6:< 5E
Ä<	'+0( ""%0	<;C:;C:ÄB @6C< 5E

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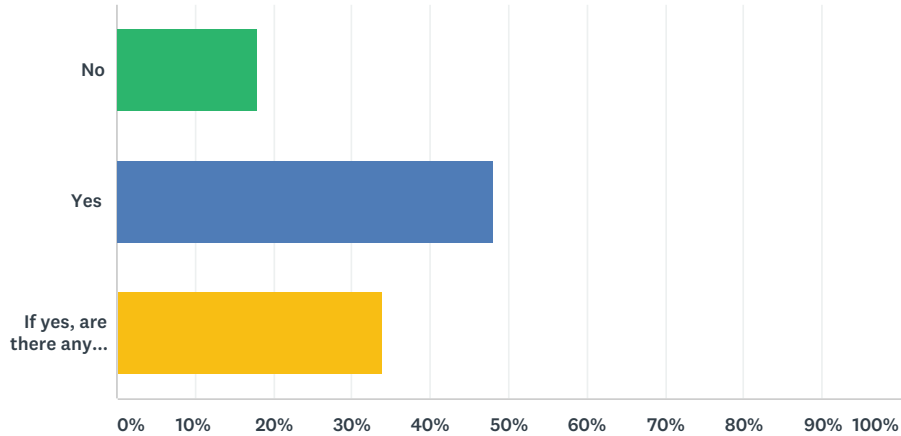
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ÄÄ !"#\$%&'()\*\$ \*!Ä&,- ./01,0#%!(.\$&2&',#!" &34,506

ÄÄDZ"2.3 1"2 .\$.9+ (" 0++ (+ (')\$ . 010(+% \$\* P&0\$.)\*(\$ Q"#\*0,&  
+F&)\*3+34

5\*0#+'+36 Ä:< 89\$&&+36 >



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()*+ !Ä.,&#. *	! *%&)* * *
^"	Ä>?@CA Ä@
P+0	DB?ÄÄÄ =Ä
W- 1+0K )+ (+,+ )*1 0&+G\$-G\$G ""2(+0 1"2`3 .\$.9+ (" 0++ 3+1+3&	77?@<A 7<
QRQ5S	Ä:<
4 #/Ä" *9Ä(! Ä', ! Ä() "Ä*% .#/#.Ä!&.' *Ä"&:10Ä-#2 Ä'Ä* A0 Ä -& % 0B	0('
Ä 8\$3+#).90 )0 &)(,0 "" !2"" [!+' O\$!+ -"" Q+F(\$+ (" Z,\$() 9+'	@;ÄÄ;C:ÄB Ä:6=D 5E
C 5."*/ 8("1 U'++9 (" [".\$.*/ !\$.0	@;ÄÄ;C:ÄB Ä:6C= 5E
7 N+3+0('\$)* 5GG+00 -""% 8 !2"" [!+' O\$!+ (" ^""(, V)1 N)'9K )*3 0)-'+&+3+0('\$)* ""2(+0 )."/ !2"" [!+' O\$!+	@;ÄÄ;C:ÄB D6Ä> NE
D Z \$3+* VCV (')\$ .L+(#++* P&0\$)*3 5C	@;ÄÄ;C:ÄB Ä:67: NE
= )."/ Z)0,(+*)# -""% P&0\$.)*(\$ (" 8()3\$2% \$* 5** 5'L"	@;@;C:ÄB6C7 5E
< 8"2(, "- @DK G""*+G(\$*/ +F\$0(\$*/ (')\$0? O"#* #,\$()9+K ,2"" '\$!+' 3'\$!+K (2((,+,\$.	@;@;C:ÄB =6:Ä 5E
> U.+)* (+ /.)00 -""% L\$9+ .)*+0? U""*+G( (" )0(+* L""3+'?	@;@;C:ÄB B67B NE
B W #2.3 .\$.9+ (" 0++ ) * -- (+ " )3 &)(, -"" L\$9+0)*3 #).9+' 0 (" /+( )G""00 W@D 0)-.1?	@;@;C:ÄB ÄÄ6=> 5E
@ Z ).9\$*/ (')\$0 (,"2/ &)'90 "" *""(, +)0( 0\$3+ "- ("#*0,\$& c !".%+0 ["]3K X""+0(K 5&&.+ '\$3/+K G""%2*\$ (1 G+*(+)	@;@;C:ÄB B6=B NE
Ä: !2"" [!+' O\$!+ -""% E""/)* (" Q+F(\$+.	@;@;C:ÄB Ä:6DD NE
ÄÄ L+((' L\$9+ G""*+G(" -""% 3"#*( "#* P&0\$ (" X""3 S)9+ N)'9	@;@;C:ÄB Ä:67: 5E
ÄC ^++3 (" +F&)*3 (+ (')\$ .3"#* Z,\$()9+' ["]3 (" E\$.&"\$*(? W( \$0 !+1' 3)*/+""20 (" '\$3+ " #).9 )"/ (,\$0 "" )3?	@;@;C:ÄB <6== NE
Ä7 E""+ 0(2-- )"2*3 T..0#""(, )*3 !+#\$(( #2.3 L+ *\$G+? Q,++'`0 #""3+3 )+ ) -" 0).+K #2.3 L+ ) ,)%+ \$- \$( (2*0 \$*( " &)'(%+*(0 "" 0"%+(\$*/?	@;@;C:ÄB Ä:6=C 5E
ÄD 5 G""*+G(" (" (+ LCL (')\$ .)"/ !+#\$(( "" )3	@;@;C:ÄB @67E 5

ÄÄ !"#%&'()\*\$ \*!Ä&- ./01,0#%!(.\$&2&,#!" &34,506

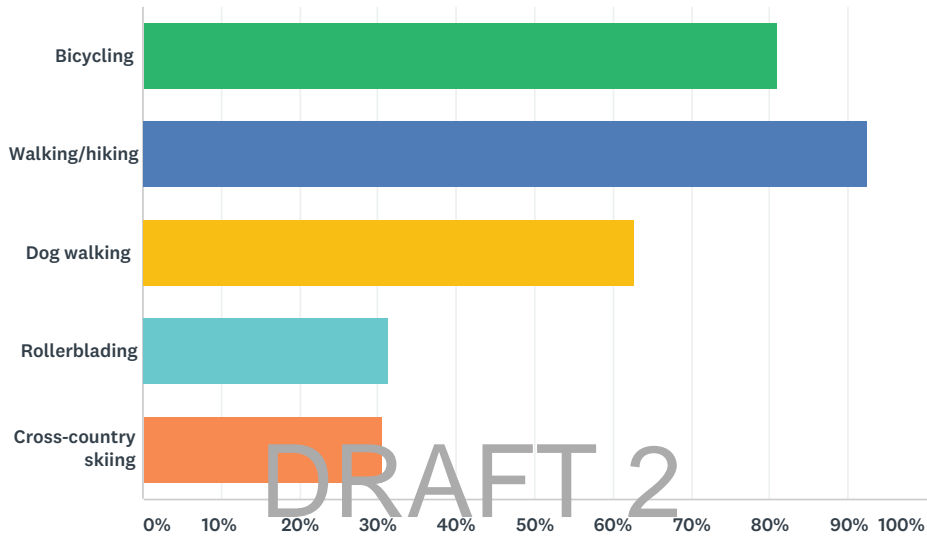
Ä=	R*.1 \$- \$( &"I\$3+0)GG+00 (" (,"0+ %) *1 *+\$/L"" ""30 (,) ( G 2"+*(.1 ,)+ *" 0)-+ &)00)/+ -" &+3+0('\$)*0;G1G.\$0( (" /+( (" ,+%?	@;D;C:ÄB B6Ä> 5E
Ä<	Z)1%)9\$*/ -""% *+\$/L"" ""30 (" (')\$\$.0? Q)\$\$.0 G"""+G(\$""00 \$* (,+ ""(, " -( /"#*0,\$&?	@;C;C:ÄB >6:: NE
Ä>	).. )'+)0 #,+ '+ (,+1 )+ %\$00\$*/ /)&0 V'\$3/+;Q+F(\$.+K U""*/+0 0;E)*0-\$+.3? U.)'9 [3 L1 , "0&\$().K +(G?	B;CB;C:ÄB B6:C NE
ÄB	I2"" [!l+ ' O'\$l+ ) *3 Q+F(\$.+ c *++3 (')\$\$.0 (,) ( G"""+G( ) *3 ""( +*3	B;CC;C:ÄB Ä:6ÄB 5E
Ä@	E)1L+ 0""%+ G"2.3 L+ L+((' G"""+G(+3	B;Ä>;C:ÄB ÄÄ6=Ä 5E
C:	Z,\$(())9+ ' ["3 )'+)? i""/+' \$0 ""+ "- -+# /"G+1 0(""+0 ) *3 \$0 \$*)GG+00\$\$.+ L1 L\$9+?	B;Ä>;C:ÄB B6:> 5E
CÄ	?	B;Ä>;C:ÄB >6=Ä 5E
CC	^++3 (" 3" 0"%+(, \$*/ )L"2( G"""+G(\$*/ L\$9+ ""2(+ )""2*3 Wc@D c G"""+G( X""3 S)9+ #\$(, ) (')\$\$. )""2*3 T)0(+* E\$G,\$/)* ""( "" (,+ 0('++(?	B;Ä<;C:ÄB Ä:6C7 NE
C7	"I+ ""3 (" [#0""\$..+?	B;Ä<;C:ÄB B6Ä7 NE
CD	U"""+G(\$l\$(1 (" +F\$0(\$*/ &)'90 ) *3 -)G\$. \$(+G,\$*/,) % (' )\$. +F(+*3+3 (" Q+F(\$.+ ) *3 G"""+G(+3 (" (+, (')\$\$. )( Z,\$()9+ ' (" )9+ 1"2 (" -""3 ,+ '\$(/+ &)'9 ) *3 (,+ . \$L)'1?	B;Ä<;C:ÄB @6DB 5E
C=	X\$*\$0, (+ VCV (" [#0""\$..+ ["3	B;Ä<;C:ÄB >67B 5E
C<	Z\$3+ (')\$\$.0	B;Ä<;C:ÄB =6ÄD 5E
C>	)""2*3 .)9+ )L\$. \$(1 (" #).9 +l+1#, +* \$* ("#*0,\$&	B;Ä=;C:ÄB >6Ä> NE
CB	I2"" [!l+ ' O'\$l+? P"2 G)* .)%"0( )..( + )1 )""2*3 Z \$(( ) ; +K Q+F(\$+K ) *3 ! [O +FG+&( (+, + )+ %)*1 &.)G+0 "" ! [O (,) ( \$0 2*\$ )l- 33 \$*/ L\$9+L.) +0. C, + (, \$, "" !2"" [!l+ ' *3 +((+)GC+00 (" (+, &)'9K . \$L)'1K +(G?	B;Ä=;C:ÄB <6CC NE
C@	-""% 3"*# ("#* (" %)\$\$. . \$L)'1 K).""/ L'\$3/+ 0('++(K).""/ ( +F(\$.+ ""3	B;Ä=;C:ÄB C6D= NE
7:	Z,\$(())9+ ' [	B;Ä=;C:ÄB Ä6:= NE
7Ä	TF(+*3 (,+1+#\$(( "" )?c3;+( (" Z)0,(+*);K ;33 \$*/ L\$9+L.) +0. C, + (, \$, "" !2"" [!l+ ' *3 !+#\$(( \$0 l+1' L2%&1'W 20+ (+ ""3 \$*0(+)*3 -"" G1G.\$*/?	B;Ä=;C:ÄB ÄC6D7 NE
7C	^"	B;Ä=;C:ÄB Ä:6ÄD 5E
77	U"""+G( Z,\$(())9+ ' [3 -""% E+ "\$(:)'+%\$0 (" Q+f (\$.+ "" ) ( .+ ) (" (, 02 (" )l \$*, )l\$*/ (" '\$3+ \$* (+ 0('++( "" Z,\$(())9+ ' )	B;Ä=;C:ÄB Ä:6:D 5E
7D	X\$*\$0, (+ V""3+c("cV""3+ ' Q)\$.	B;Ä=;C:ÄB @6:= 5E
7=	W- . \$9+ \$( (" L+ %""+ )GG+00\$\$.+ -""% (,+ -""3 .)9+ *+\$/L""""3? U2""+(.1 (,+ '+ )'+ "" 0\$3+#).90 (" . \$*9 (" (+ (')\$\$.0	B;Ä=;C:ÄB B67C 5E
7<	Z).9\$*/ &)(,0 G""00\$*/ Wc@DK #).9\$*/ Y *) (2+ (')\$\$.0 )""2*3 . \$L)'1 &""&+'(1	<;Ä=;C:ÄB C6D7 NE

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ÄÄ !"#\$%&'()\* \$ \*!Ä&,- ./01,0#%!(.\$&2&,'#!" &34,506

ÄÄ= Z,)( (1&+0 "- )G(\$!\$(+0 0,"2.3 L+ )GG"%%"3)(+3 "\*" (+ (')\$ .  
\*+(#"94 U,""0+ ).. (,)( )&&.1?

5\*0#+'+36 Ä:= 89\$&&+36 B



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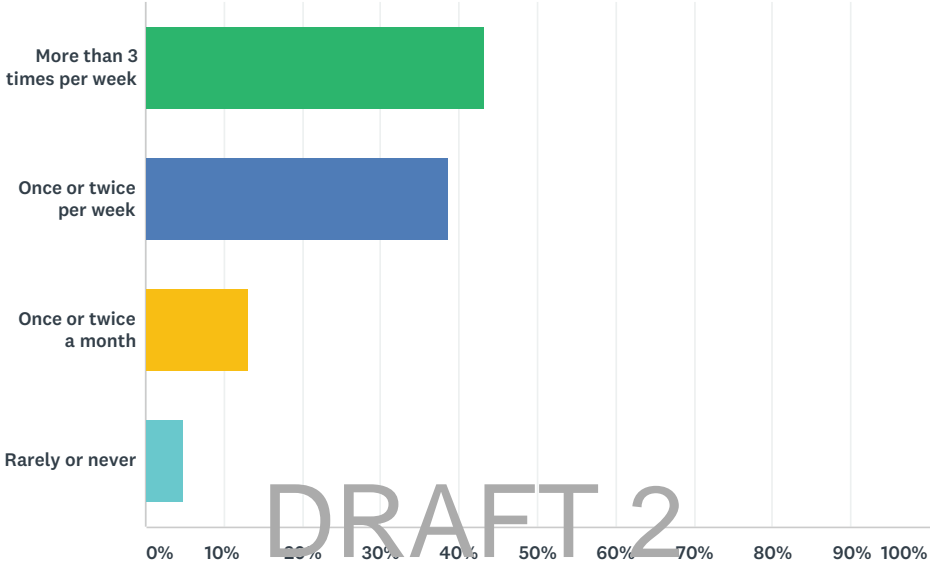
()*+ !Ä.,&#. *	!%&#**	B=
V\$G1G.\$*/	B:?!@=A	B=
Z).9\$*/,,\$9\$*/	@C?7BA	@>
O"/ #).9\$*/	<C?B<A	<<
[".+'L.)3\$*/	7Ä?D7A	77
U""00cG"2*(1 09\$\$*/	7: ?DBA	7C
Q") . [+0&"*3+*(06 Ä:=		

D: ; <=

ÄÄ !"# \$%&'()\* \$ \*!Ä& - .&/01,0#%!(.\$&2&'#!" &34,506

ÄÄ< !"# -'+H2+\*(.1 3" 1"2 #).9K '2\*K "" , \$9+ -" +F+'G\$0+ "" '+ G'+)(\$"\*4

5\*0#+'+36 Ä:< 89\$&&+36 >



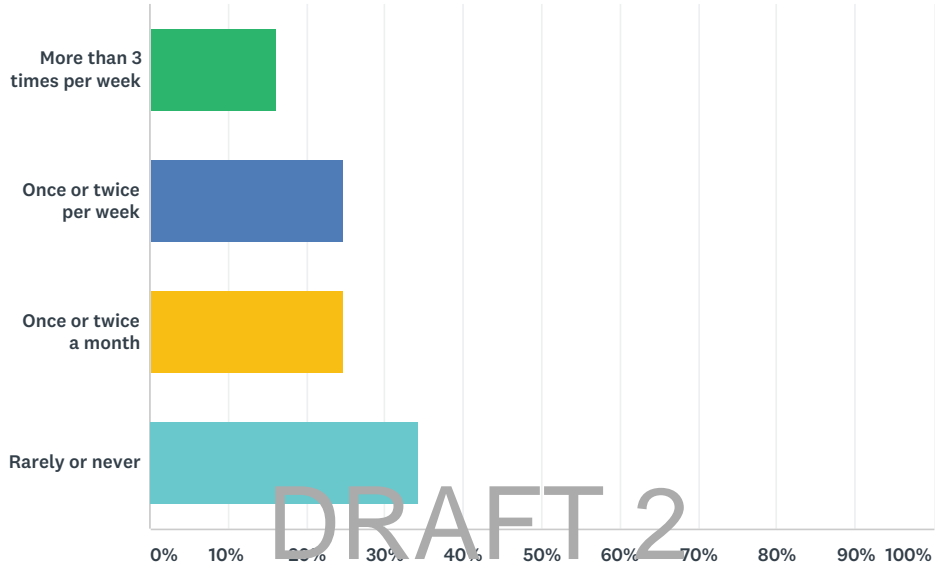
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()*+ !Ä.,&#. *	! *% (!) * *	D<
E""+ (,)* 7 (\$%+0 &+' #++9	D7?D:A	DÄ
R*G+ "" (#\$G+ &+' #++9	7B?<BA	ÄD
R*G+ "" (#\$G+ ) %""(,	Ä7?CÄA	=
]'+.1 "" *+I+'	D?>CA	Ä:<
QRQ5S		

ÄÄ !"# \$% !&'() \$ \*!Ä& - .&/01,0#%!(.\$&2&'#!" &34,506

ÄÄ> !"# -'+H2+\*(.1 3" 1"2 L\$G1G.+ -" +F+'G\$0+ "' '+G'+)(\$"\*4

5\*0#+'+36 Ä:= 89\$&&+36 B



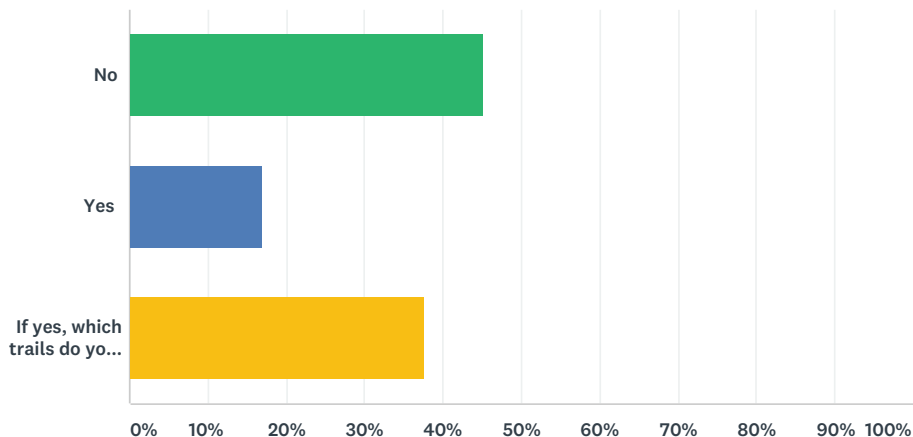
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()*+ !Ä.,&#. *	!*/(.))* *	Ä>
E""+ (.) * 7 (\$%+0 &+' #++9	Ä<?Ä@Ä	C<
R*G+ "" (#\$G+ &+' #++9	CD?><A	C<
R*G+ "" (#\$G+ ) %""(,	CD?><A	7<
[]'+.1 "" *+ +'	7D?C@A	Ä:=
QRQ5S		

ÄÄ !"#%&'()\*\$ \*!Ä&- ./01,0#%!(.\$&2&'#!" &34,506

ÄÄB O" 1"2 20+ '+/\$\*\*). (')\$.0 J+?/? (+ V""3+'c("cV""3+' (')\$. M "" (')\$.0  
"2(0\$3+ "- P&0\$.)\*(\$ Q"#\*0,\$&4

5\*0#+'+36 Ä:< 89\$&&+36 >



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()*+ !Ä.,&#. *	! *%&)* **
^"	D=?CBA DB
P+0	Ä :? @BÄ ÄB
W- 1+0K #,\$G, (')\$.0 3" 1"2 20+4	7>?>DA D:
QRQ5S	Ä:<
4	0('
Ä	Ä:;Ä:C:ÄB C6CD NE
C	Ä:;Ä:C:ÄB Ä6=D NE
7	@;ÄÄ:C:ÄB Ä:6=D 5E
D	@;ÄÄ:C:ÄB Ä:6DB 5E
=	@;ÄÄ:C:ÄB Ä:67= 5E
<	@;ÄÄ:C:ÄB Ä:6C= 5E
>	@;Ä:;C:ÄB D6Ä> NE
B	@;Ä:;C:ÄB ÄC67: NE
@	@;@;C:ÄB >67C NE
Ä:	@;@;C:ÄB =6=C NE
ÄÄ	@;@;C:ÄB6C7 5E
ÄC	@;>;C:ÄB ÄÄ6=> 5E
Ä7	@;<;C:ÄB B6=B NE
ÄD	@;=;C:ÄB <6== NE
Ä=	@;=;C:ÄB <6=Ä NE
Ä<	@;=;C:ÄB Ä:6=C 5E
Ä>	@;=;C:ÄB @67B 5E

D7 ; <=

ÄÄ !"#%&'()\*\$ \*!Ä&- .&/01,0#%!(.\$&2&',#!" &34,506

ÄB	VCV %"0(1	@;=:C:ÄB B67> 5E
Ä@	V""3+'c("cV""3+'	B;ÄB;C:ÄB ÄÄ6C7 5E
C:	\++3+0 '3?	B;ÄB;C:ÄB Ä:6D< 5E
CÄ	5C &)'90	B;Ä>;C:ÄB ÄÄ6=Ä 5E
CC	V""3+'c("cV""3+'	B;Ä>;C:ÄB B6:> 5E
C7	4 3""*( 9""# *)%+0 "- (')\$0	B;Ä>;C:ÄB >6=Ä 5E
CD	E+(""&)'9 Q')\$.0 02G, )0 S"#+' !2""*K O+F(+K)*3 i+*0\$*/(" E+(""&)'90 c #"2.3 ."I+ 0"%+(,\$*/ G."0+ (" ,"%+ .9+ (,\$0	B;Ä<;C:ÄB Ä:6C7 NE
C=	\""I+ ""'3 (" G\$(1 "- P&0\$	B;Ä<;C:ÄB B6Ä7 NE
C<	\).2& &)'9	B;Ä<;C:ÄB Ä6== NE
C>	W L\$9+ )"2*3 X""3 S)9+ '+/2.'1 #,\$G, 20+0 (')\$0 \$* ^""(, V)1)*3 (,+ VCV?	B;Ä<;C:ÄB >67B 5E
CB	Q')\$. "-- "- !2""* [I+' O'\$I+K *+' S)9+ U'+0( O'\$I+	B;Ä=;C:ÄB Ä:6ÄÄ NE
C@	)""* )L"" 1&0\$.)*(\$	B;Ä=;C:ÄB @6:B NE
7:	V""3+' (" V""3+' Q')\$.K (')\$0 #\$(,\$* Z)0,(+*)# U"2*(1 &'+0+' I+0	B;Ä=;C:ÄB B6C= NE
7Ä	(,+ V""3+'c("cV""3+' (')\$0.K %+(("&)'90K #)0,(+*)# G"2*(1 &)'9 0K G\$(1 "- )""* )L"" &)'90	B;Ä=;C:ÄB D6:: NE
7C	VcCcVK E+(""&)'90 (')\$0. 010(+%	B;Ä=;C:ÄB Ä6CC NE
77	\).2& N)'9 (" X2..+' N)'9? Q,+ ' &)'9 3 (+G( ""* \$) ")( Q,+ ".3 0+G(\$" \$) /+((\$/ ')+..1 L)3?	B;Ä=;C:ÄB ÄC6D7 NE
7D	N"()#)("%"\$ Q')\$.	B;Ä=;C:ÄB Ä:6:B 5E
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7<	VcVK E+("&)'9K E\$3.)*3 (" E, G9\$) #	B;Ä=;C:ÄB Ä:6:D 5E
7>	T)0(+* U)'&20 ('5* 5 L""	B;Ä=;C:ÄB @6D= 5E
7B	V""3+'c("cV""3+'	B;Ä=;C:ÄB @6:= 5E
7@	^" L2( W #"2.3 \$- (+1 #+'+ %"*)GG+00\$.+	B;Ä=;C:ÄB B67C 5E
D:	(')\$0 *+' V"L S\$. \$+ N)'9	<;Ä=;C:ÄB C6D7 NE

DRAFT 2

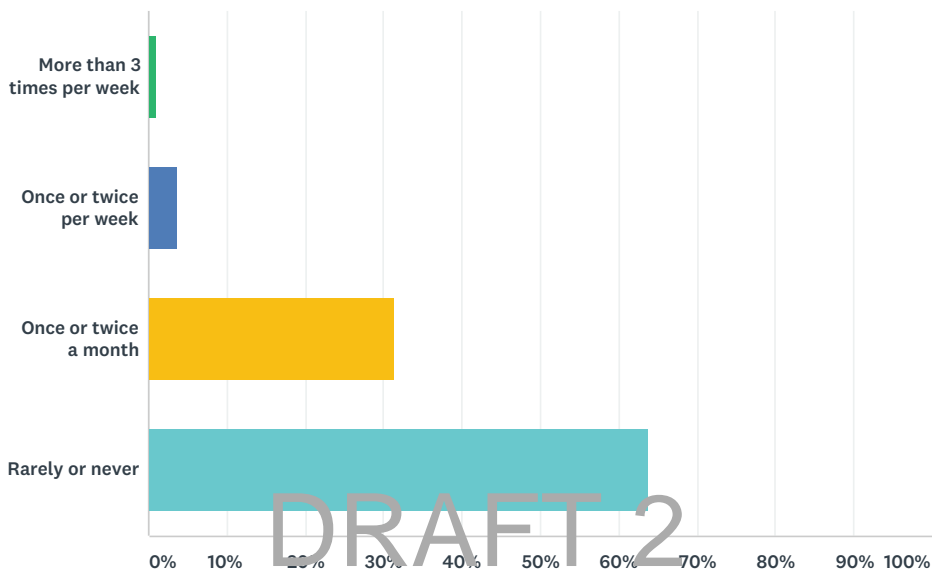
For Public Review

1-10-2019

ÄÄ !"#%&'()\* \$ \*!Ä& .&/01,0#%!(.\$&2&,'#!" &34,506

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DRAFT 2  
For Public Review  
1-10-2019

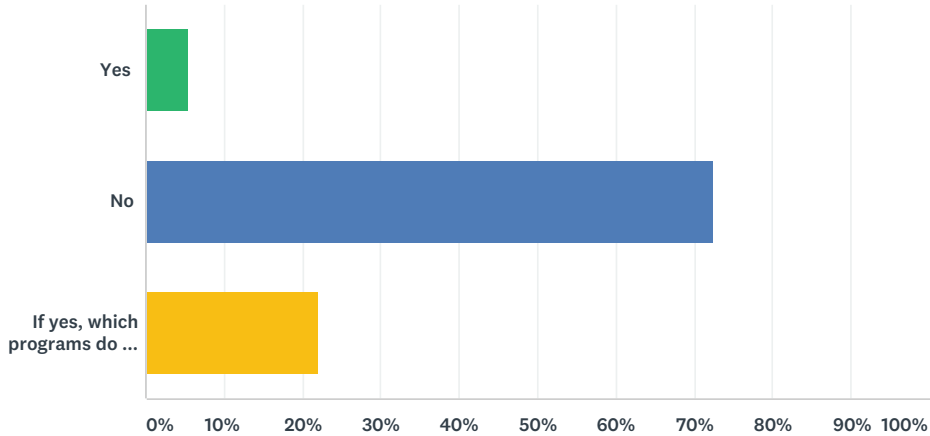
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ÄÄ !"#\$%&'()\*\$ \*!Ä&,- ./01,0#%!(.\$&2&,'#!" &34,506

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For Public Review

1-10-2019

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Ä<	0"%+(\$%+0	B;Ä<;C:ÄB ÄÄ6=@ 5E
Ä>	1%*)0(\$G0K 8"GG+'	B;Ä<;C:ÄB ÄÄ6=Ä 5E

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ÄÄ !"#%&'()\* \$ \*!Ä& .&/01,0#%!(.\$&2&',#!" &34,506

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C7	P"2(, 0"GG+'	B;Ä=C;ÄB @6:< 5E
CD	9\$30 G.)00+0	B;Ä=C;ÄB B67@ 5E

# DRAFT 2

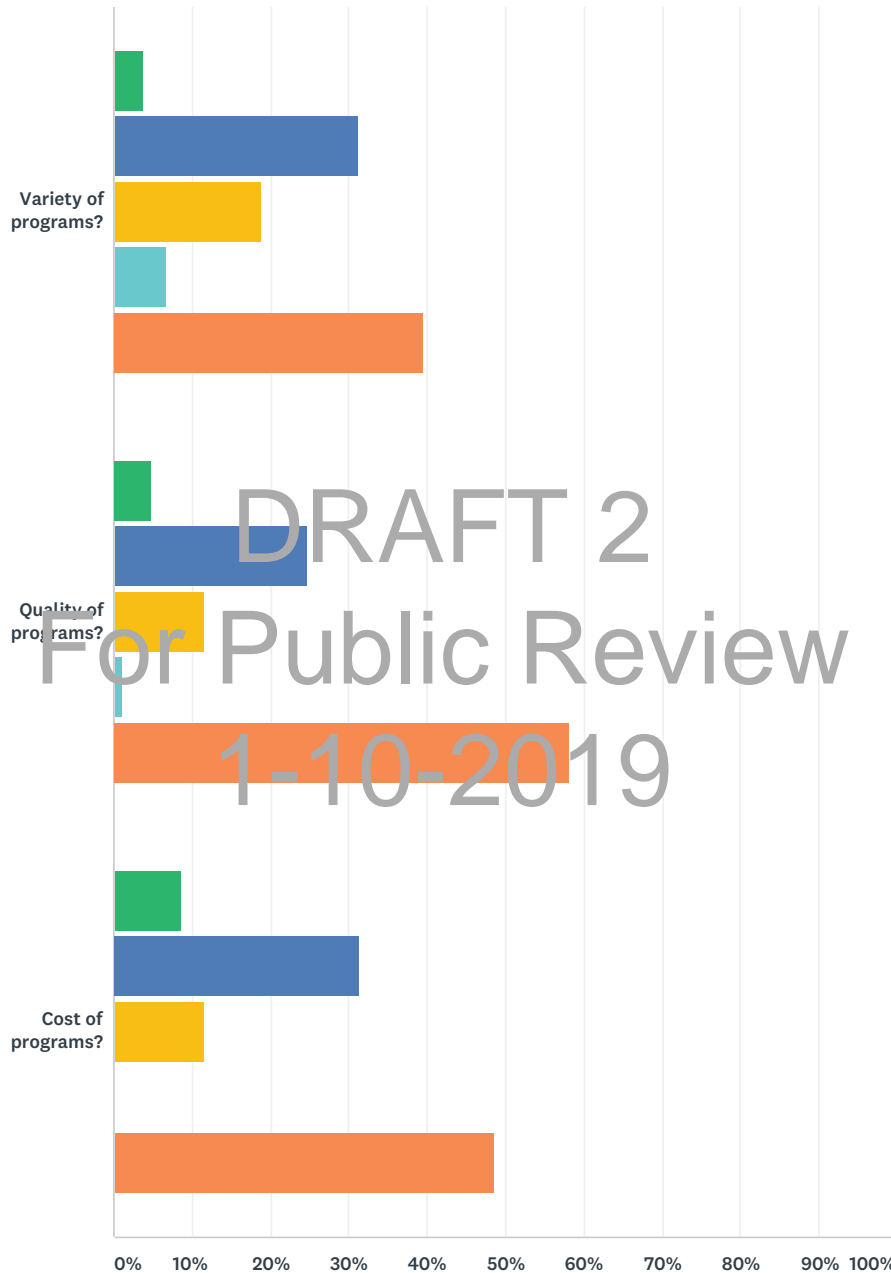
## For Public Review

### 1-10-2019

ÄÄ !"#\$(%)\$ \*!Ä&- ./01,0#%!(.\$&2&,#!" &34,506

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■ Excellent 
 ■ Good 
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# DRAFT 2

## For Public Review

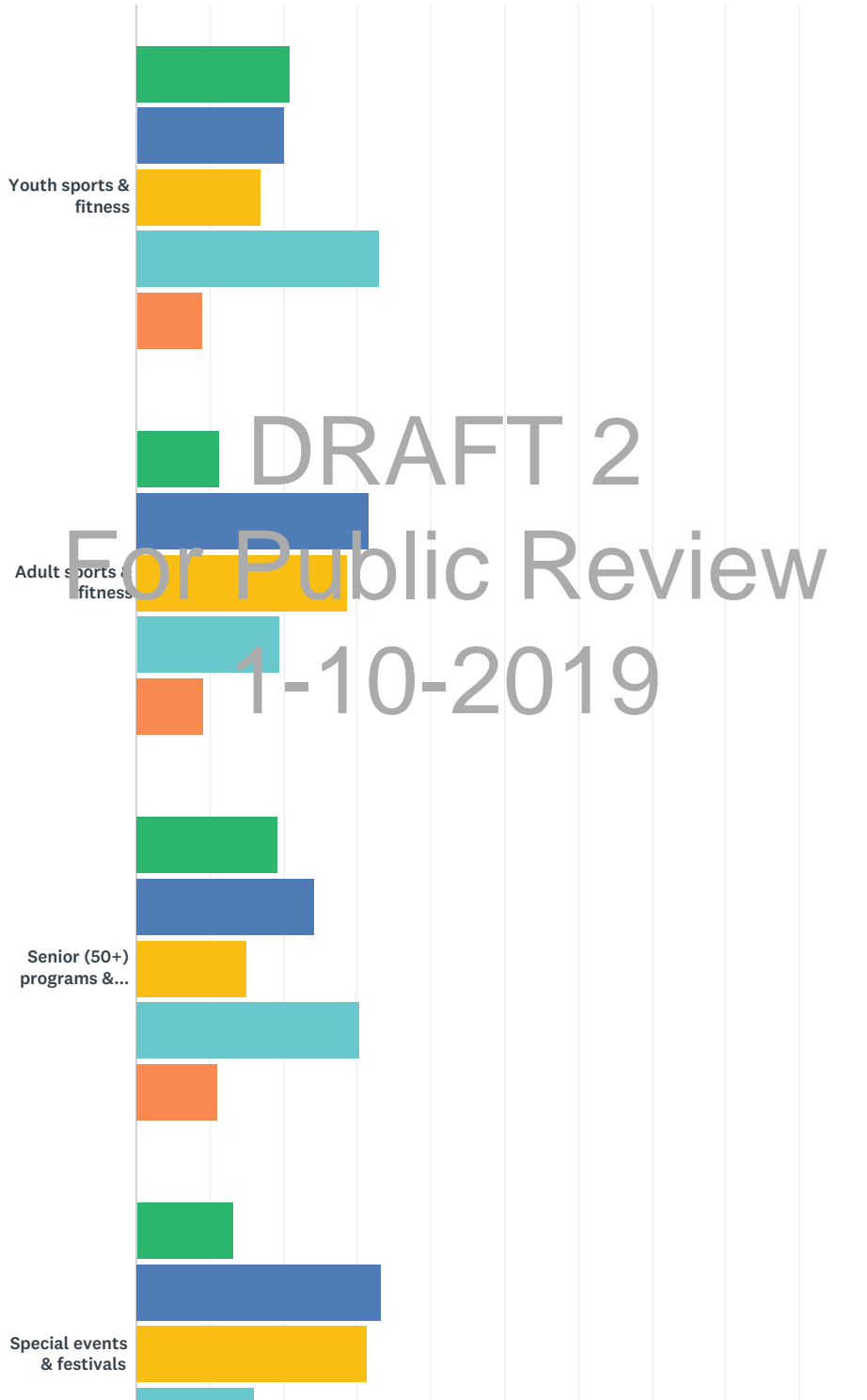
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ÄÄ !"# \$%&'()\* \$ \*!Ä&,- ./01,0#%!(.\$&2&',#!" &34,506

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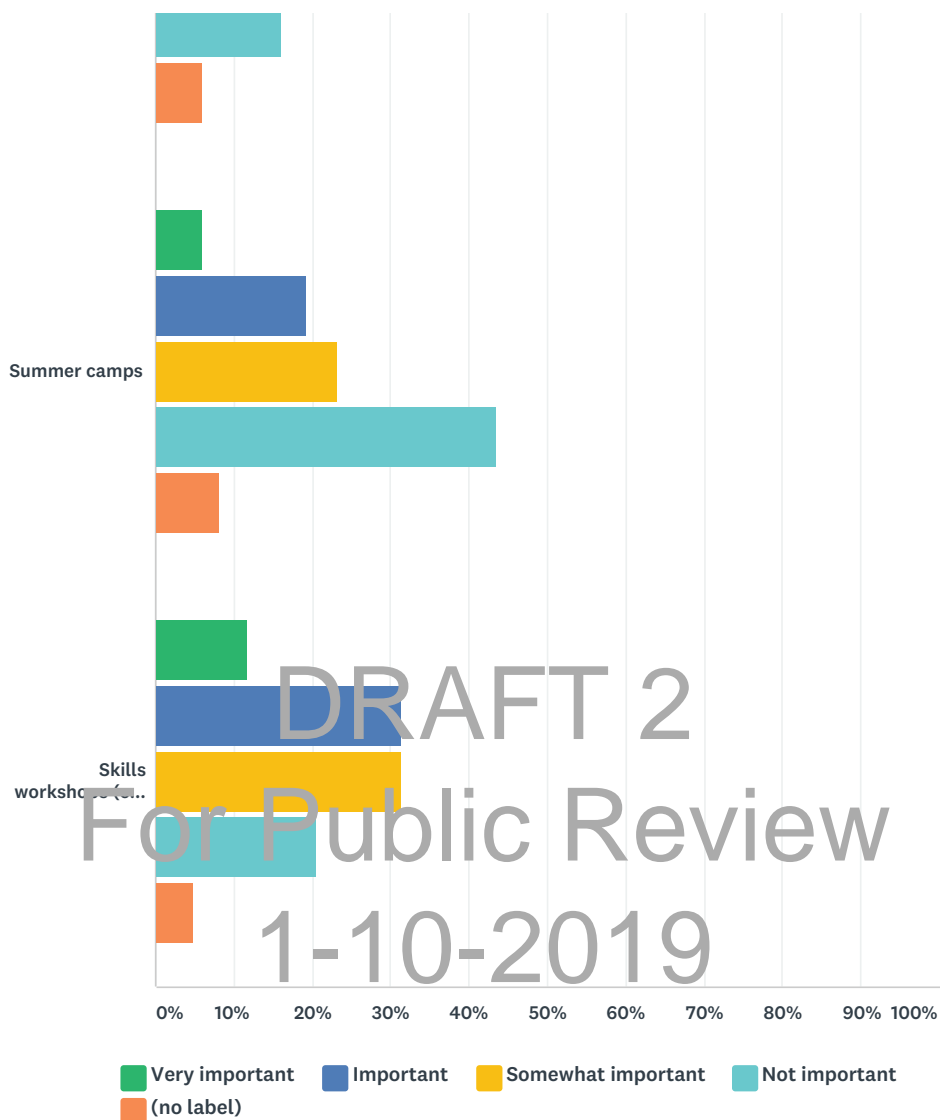
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For Public Review  
1-10-2019

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For Public Review  
1-10-2019

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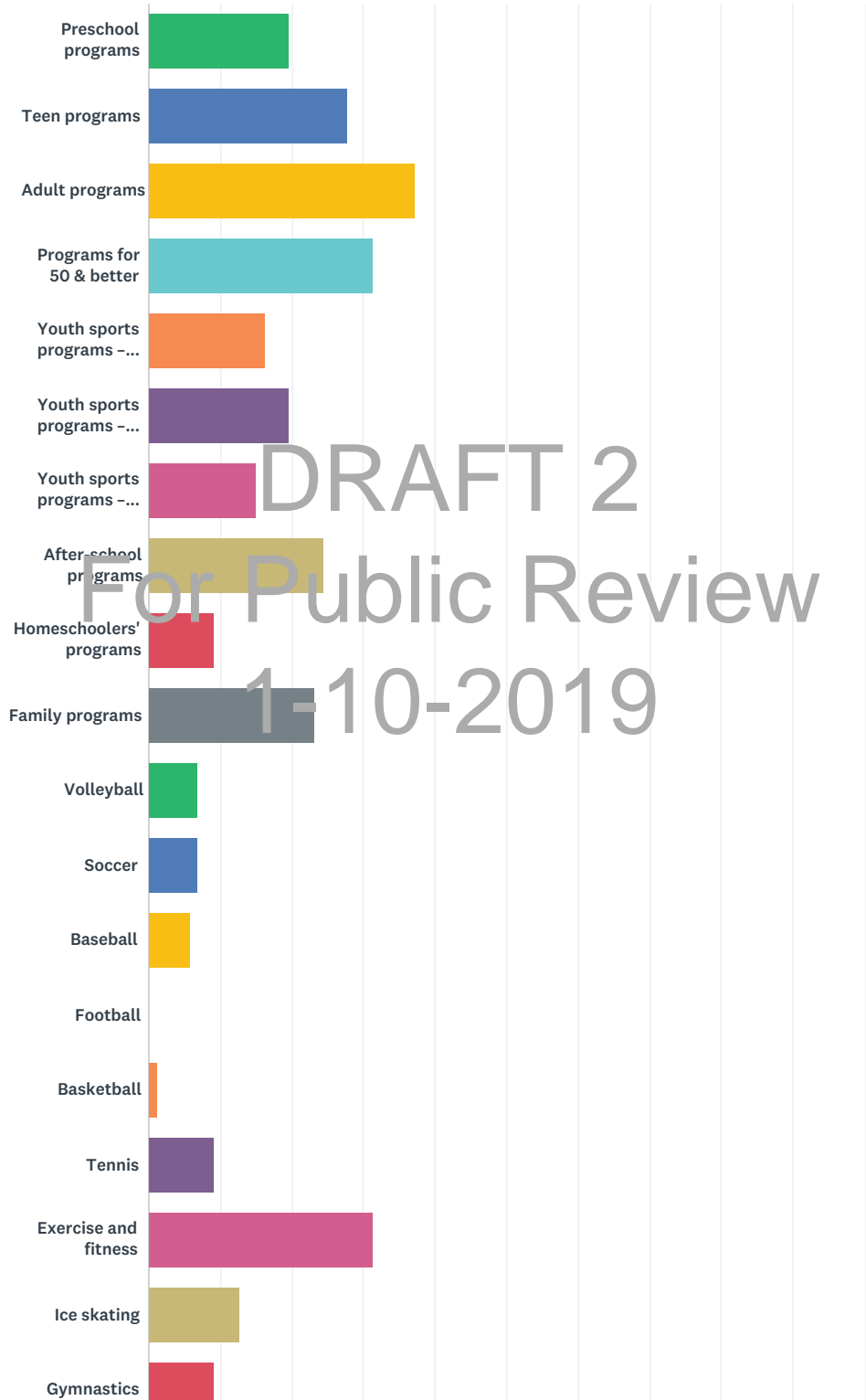
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ÄÄ !"#%&'()\$ \*!Ä& .&/01,0#%!(.\$&2&,'#!" &34,506

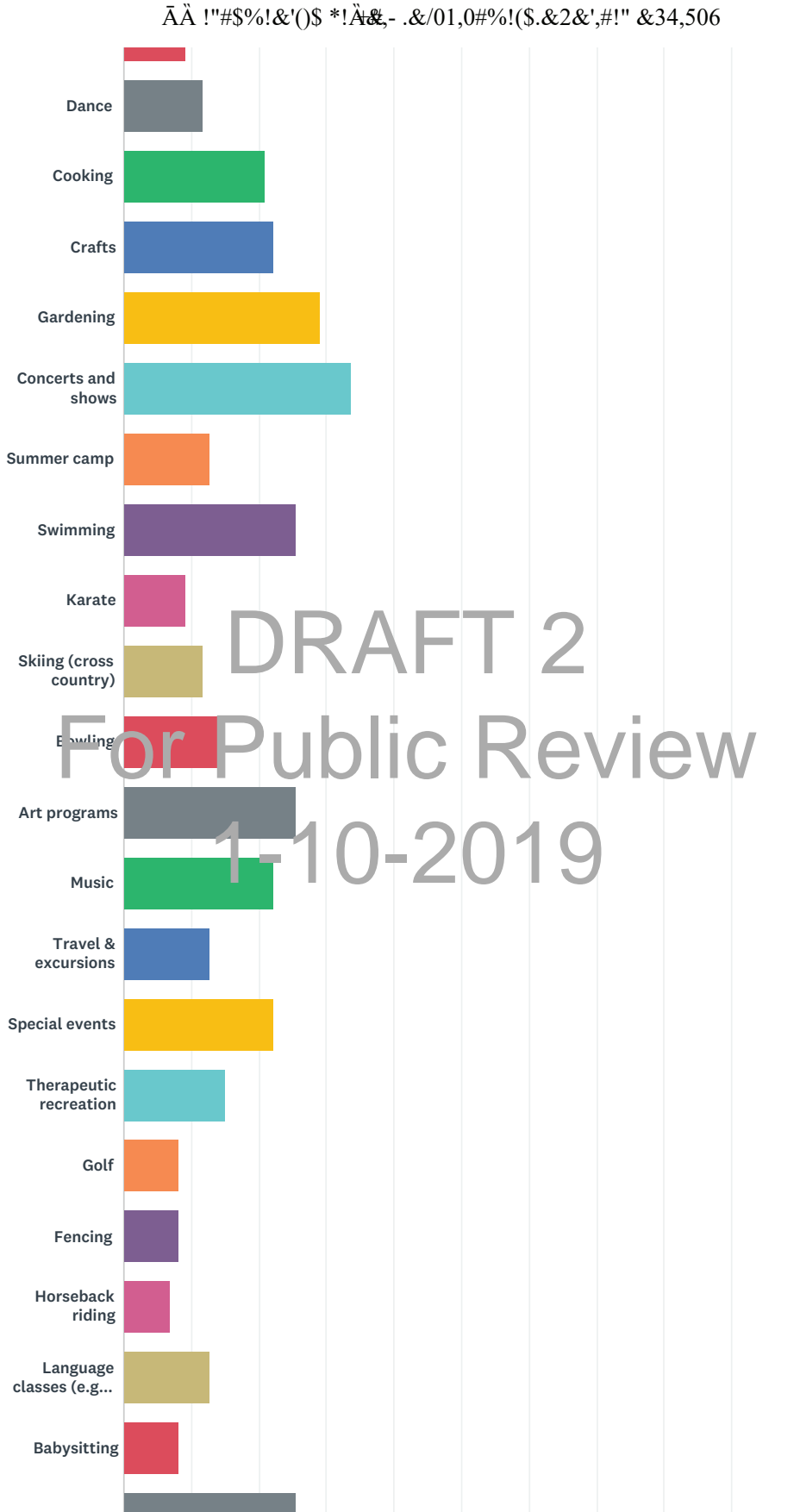
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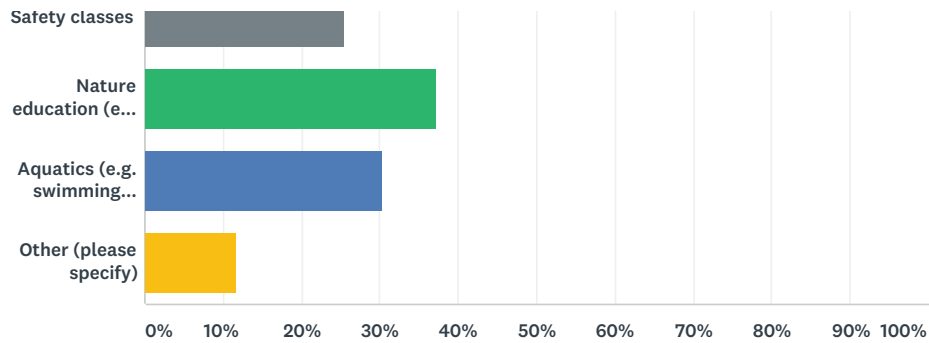
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ÄÄ !"#\$%!'&'()\*\$ \*!Ä&- ./01,0#%!(.\$&2&'#!" &34,506



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For Public Review

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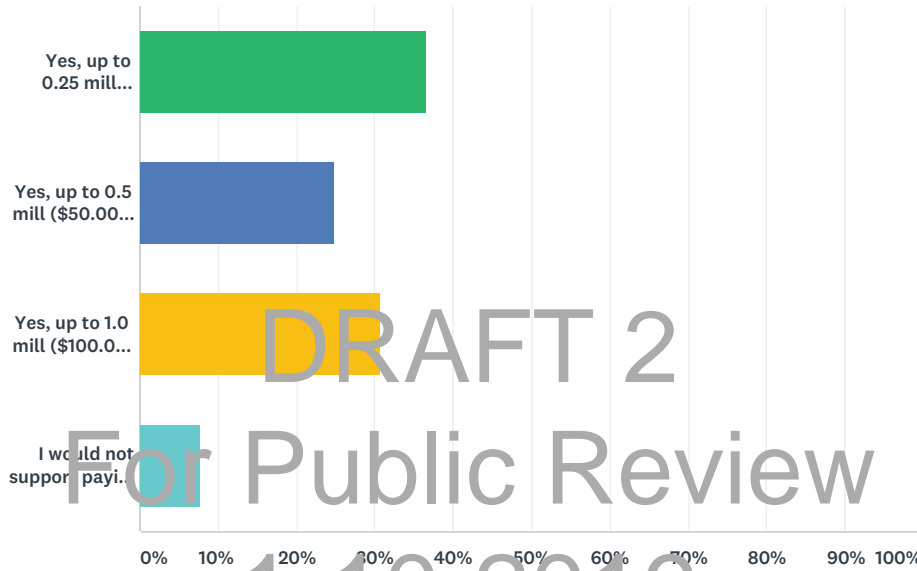
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7	W0 (+,+ ) %& )I)\$.L+ (,)(\$0(0).. "- (+ &)'90K . \$9+ (+ "++ * (,+ L)G9 "- (\$0 02'I+14 W'% 02'&\$0+3 ) ( ,# .\$( (+ W 9**#)L"2( (+ &)'90 (,)'+ **("G ) (+3 ** (+ .)9+ "" '\$I+?' RI+).. c /+)( b"L * (,+ &)'9 010(+%? W('0 (+ /+)(+0 (,\$/,\$/ (\$ * P& 0\$.)*( \$ Q"#*0,\$&?	@;ÄÄ:C:ÄB Ä:67@ 5E
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@	W( # "2.3 L+ /+)( \$- (,+ + #+ + %""+ # "9"2( +H2\$&&+*( )I)\$.L .+ (" (,+ /+*+). &2L.\$G? Q,+ + \$0 ) 0+*\$" # "9"2( ""%) ( (+ U""%2*\$ (1 U+*(+K L2( W )% ""( ) 0+* \$" J1+(M2 W 3** ( (,\$*9 (,+ + \$0 )** (,+ &.)G+ # \$ ( # "9"2(,G)3\$ - H2\$&&+ (K 2( % )1L+ W b; 0( "3 ( \$* # ) "2( \$ (4 W*) *1 G)0+K W # "2.3 L+ \$*(+ +0(+3 \$* b"\$*\$*/ ) - )L+ G""%? *\$ (1 - \$* +0 G+ (+c:W # 2 3 G)*G+ . %1 N.)*( X\$(*+00 %+%L+0,\$& -" \$(d	@;=:C:ÄB Ä:6=> 5E
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ÄB	Q,+ %)\$* G"%"2*\$ (1 G+*(+ ' L2\$.3\$*/ \$0 L)3.1 \$* **++3 "- 2&3)0+)*3 %)\$*(+)*G+;&)\$*( \$*/;'+-+0,\$*/?	B;Ä>;C:ÄB ÄC67C NE
Ä@	^" c b20( I+1 \$*(+ +0(+3 \$* ""K & )I+3 ***c% (" "\$a+3 L\$9\$*/ (' )\$.0 \$* P&0\$ Q"#*0,\$& 0\$%\$.) (" ("0+ -"2*3 \$* 02""2*3\$*/ G"2*(1 %+( "&)'90?	B;Ä<;C:ÄB Ä:6C< NE
C:	^" '+0("""%0 )."/ L\$9+ &)(,?	B;Ä<;C:ÄB B6Ä< NE

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ÄÄ !"#%&'()\*\$ \*!Ä&,-./01,0#%!(.\$&2&,'#!" &34,506

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C7	!)I+ G""%\$00\$**0 %++(\$*/0 ) ( ) %""+ '+0)**L+ (\$%+ 0" '+0\$3+ *(0 G* )((+*3 %++(\$*/? > "" >67: &% %++(\$*/ (\$%+0 #2.3 L+ %""+ )GG""%")(\$*/?	B;Ä<;C:ÄB ÄÄ6:: 5E
CD	Q,+ +F\$0(\$/ &)'90 )*3 &)(#)10 **++3 L+((+ ' %)\$(+)*G+? ^ ** %("a+3 &)(#)10 \$* (+ ("0,\$& )+ L)0\$G..1 \$/""+3? O** ( )GH2\$+ %""+ .)*3 2*(\$ 1"2' G2'+*( -)G\$.(\$+0 )+ ("& *(G,? N.)1 0'(2G(2'+0 \$* (+ G""%2*\$ (1 &)'90 **++3 (" L+ '+&.)G+3K )'30"%+ 0(')*3 ).""+K 2*0)+ +(\$+% **++3 (" L+ '+%")I+3? Q,+ &&G*\$G (L.+0 )*3 "(,+ )%+*\$(\$+0 \$* ( G""%2*\$ (1 &)'90 )+ '+)..1 02L &)'? Q,+ G2'+* &)'G(\$G+ "- 2&')3\$*/ (,+ 02'-)G+ "- (+ &.)1 0'(2G(2'+0 *)' (,+ +*3 "- (+ 02%"+ &.)1 0+0)** \$0 '\$3\$G2."20W- \$( \$0 ('2.1 )L"2( 0)-+(#""3 G,\$&0 0,"2.3 L+ L""2/( 2& (" &""&+ .+I+ \$* (+ 0&'\$/K *( (+ -).? O** ( )33 **+%+ \$(+\$0 2*(\$ .(+ +F\$0(\$/ ""+0 )+ \$* ("& G**3\$(\$** *) G""0*( L)0\$0? W- ) 0&)'1 &3 \$0 )33+3 \$( 0,"23 L+ )33+3 \$* X""3 !+(\$/)+ N)'9 #,+ +\$ (\$0 )%"/ +\$/L"" ""30 )*3 %""+ +)0\$.1 )GG+00\$L.+? W0,"2.3 ""( L+ \$* )&)'9 #,+ + +*(')*G+ \$0 '+0(\$G(+3 L1 )* +*(')*G+ -++ 0\$*G+ (+,+ %'0( .9\$# #2.3 L+ )%\$%) .+*(')*G+ -++ (" (+ 0&.)0, &3 \$(0+.-? [+%"I+ /)(+ &+&+ G""&.+(+.1 -""% ( , +/)(+3 &)'90? P"2 &"L)L.1 0&+*3 %""+ %""+1 * 0.)'1 -"" (+% (,)* 1"2 %)9+K )*3 \$- 1"2 ('2.1 # )*( (" &)00 )%\$./+ -"" &)'90;+G )""+ (.)* 1"2 #\$. 0(" & G,)'\$*/ -"" +*(')*G+ * G+ ' )(\$* 3)(+0;(\$%+0Q,+ &)'90 L+ ""+/ (" (&+&+K #+ ).+31 &1 )F+0 -"" (+%K #,1 )0+G**3 -++4 Q,+ %""+1 (,)'1 2'0I+ -""% '+%I\$*/ /)(+)((+*3)*0 0,"2.3 L+ &2( \$*( ,)\$\$/ %""+ &)'9 ) */+0? Q,+ )/2%+*( (,)' #+ )9+ %""+1 ((,+ /)(+3 &)'90 -"" \$+ +\$\$. (0 \$) #+ )/2 %""+*(? 2, * #+ ,)+ (" &)'90 )3 )%+*\$(\$+0 #+ 0,"2.3 +*G"2) + **++ 0\$*G+ (0 ,)'0% \$* "2 ' G""%2*\$ (1 L+G)20+ (+,1 L'\$*/ (+\$' 3..)'0 \$\$(, (+%? Q,\$0 L+ +)(0 \$) G, )""%2*\$? ( .+0) (L- "- (+, 2*3+ 20+3 (+*\$0 G"2(0 ) U""%2*\$ (1 U+*(+ &)'9 0,"2.3 L+ (2**+3 \$*( " )09)(+ &)'9? 5.. ("2/'2( (+ &)'90 )*3 &)(#)10 (+ \$0 )/2+ **++3 (" 2&/'3+ (+, L.)G9(" & ?P"2 3\$3 *( \$*G.23+ ""( , !13"" \$* 1"2. \$0 \$*/ - &)'90 \$* H2+( \$** ÄW (" ( ""( , 13 " " (+*? W C "2.3 &"L)L.1 (\$*9 " %)*1 %""+ 02I/+ (\$-0 \$-V ("9 %"" ( %)+	B;Ä<;C:ÄB B6ÄC 5E
C=	5 L+)G, "" X""3 S)9+ #2.3 0+I+ ) 0 )3)'# &'\$* (-" ("2'\$0% \$*( P&0\$.)*(\$Q,+ +)'+ ""	B;Ä=;C:ÄB Ä:6ÄD NE
C<	NST58T )-++ 0&.)0, &3 \$* (+ "0,\$&? Q,+ G,)'0+0' + J.19 "2( JE GU.2%&)(MK U) (**K )*3 Q+G.2%0+)? e*.+00 #+ G)* )0)1 -"" "20K \$( \$0 )""( #) L. ( .+ 3'\$I+ (" (+0' *+\$/L"" ("0? 5*3 \$- #+ G)* &.)1 -"" "20K #+ %\$/ (,)'0 #+.. /" (" [". \$*/ ! \$ ..0? 8%"+(\$%+0 1"2 ** .1 ,)+ %\$*2(+0 (" &.)1 )*3 (\$0 ,+). \$%\$(0 #,+ #+ #)* (" &.)1? 5-( +) #,\$+ 1"2 /+( 0\$G9 -" /"\$*/ (" (,+ .L)'1K EGO'0K "" 0()1\$*/ ,"%+?	B;Ä=;C:ÄB <6CB NE
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C@	V+ -""+ 1"2 0)(+ F&)*3\$*/ (+ V""3+c("cV""3+ ' )\$K \$( '3 L + *G+ \$- 1"2 3\$3 0"%+ %)*\$+)*G+ "" 0"%+ +F\$0(\$/ (')\$ \$,+ +\$ (\$'0 L'+)9\$*/ 2& "" #,+ +\$ (\$'0 0)-+ ' (" '\$3+ "" (+ 0\$3+ #).9 )(+ ,) \$* (,+ ""3)? Q,+ 0+G(\$** L+ (#+ + * )2( _.\$.)+ )*3 O+&( Q"#* \$0 \$ -1 \$* 0"%+ &.)G+0?	B;Ä=;C:ÄB Ä6C= NE
7:	#2.3 .I+ (" 0++ (+ 0\$3+ #).90 G""+G(+3 ).**/ (+F(\$+ )*3 , 2""* \$I+ ' 3'\$I+	B;Ä=;C:ÄB ÄC67< NE
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7C	W ,)+ )%0( L++* 2* "I+ \$* %1 9)1)9 L1 &#"++3 L")0:#)(+ 'G)- (" E5^P "GG)0\$**0? W #,\$0, (,+ + #+ + +\$ ( '+3+0\$*/)(+3 0)-+ &.)G+0 -"" 9)1)90 (" .)2*G, ) *3 /' #,+ + &#"++ L")0 G"2.3 *( /' J"" 0,).#M "" L+((+ +32G)(\$** &'')%0;+ -""G+ %""+*( "- 0) -+(1 '2.+0 -"" &#"++3 #)(+ 'G)-(?	B;Ä=;C:ÄB Ä:6ÄC 5E
77	5.. "- (+ &)'90 J\$?+? ""( , V)1 N)'9M 0,"2.3 ,)+ 0""+ 0""( "- L)(, """"- )G\$.(\$1? W )0" (\$*9 (+ )\$0,"2.3 L+ "&* \$* (+ #\$(+ ' %""(,0?	B;Ä=;C:ÄB @6DB 5E
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ÄÄ !"#%&'()\*\$ \*!Ä&- .&/01,0#%!(.\$&2&,'#!" &34,506

7= 5GG+00 )\*3 +H2\$(1 -" ).. '+0\$3+\*(0 \$0 \$%&"()\* (" %+) \*? Q, (" #\*0,\$& \$0 3\$I+0+ +G""%\$G)..1K W('0<;Ä=C:ÄB C6=Ä NE  
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 &"")%\$/ ) \*3 -)G\$. \$(+0 (" .+)\* 0&"(0 +0&+G\$)..1 \$- b"\$\*\$")l+. (+)%0 \$0 ""( ) \* "&(\$""? W('0  
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 (+1 %\$/,( L+ \$\*(+0(+3 \$\* ) \*3; "" /""3 )( ? W('0 ).0" \$%&"()\* ( " %+(,) ( #+ .""9) ( #)10 (" #""9  
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 -"' +0\$3+\*(0?P&0\$.)\*(\$ Q"#\*0,\$& ,)0 \* "&"(2\*\$ (1 (" \$%&"l+ 0"%+ "- (+ ".3+' \*+\$/L"" ,""30  
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 "#\*+0?

# DRAFT 2

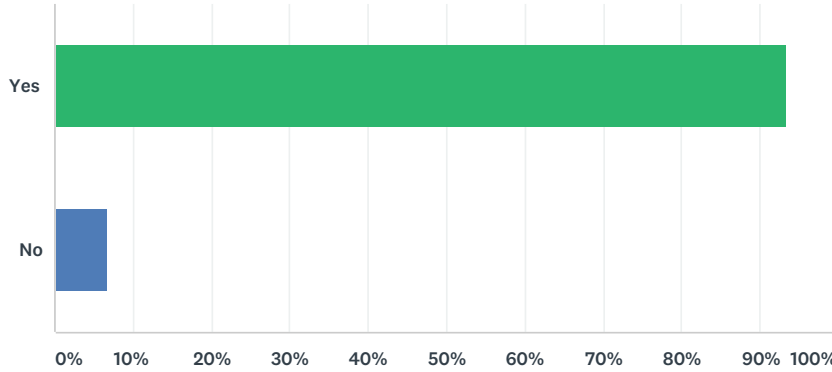
## For Public Review

### 1-10-2019

ÄÄ !"#\$%!'&'()\$ \*!Ä&-. &/01,0#%!(.\$&2&'#!" &34,506

ÄC< 5'+ 1"2 )\* P&0\$.)\*(\$ Q"#\*0,\$& '+0\$3+\*(4

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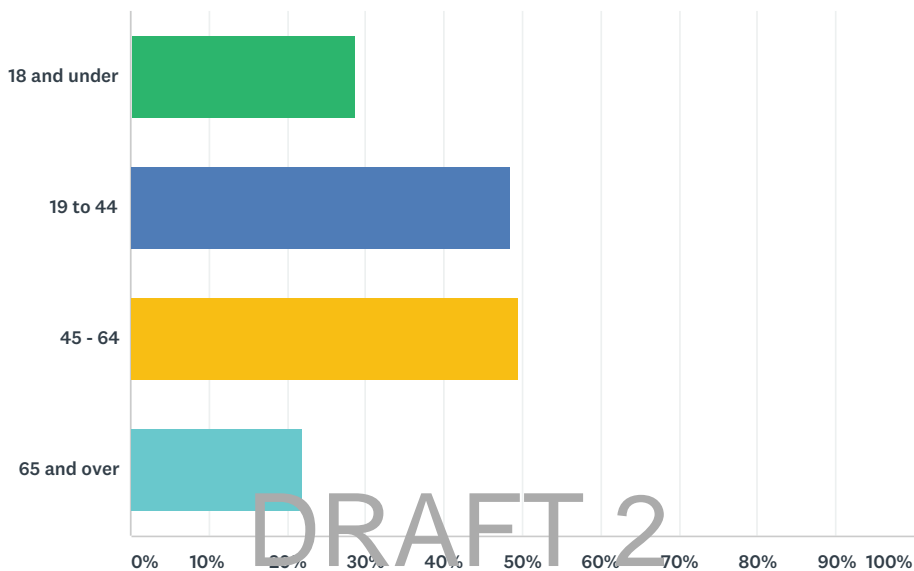
DRAFT 2

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1-10-2019

ÄÄ !"#%&'()\* \$ \*!Ä& .&/01,0#%!(.\$&2&'#!" &34,506

ÄC> N.+ )0+ (+.. 20 (,+ )/+0 "- (+ %+%L+'0 "- 1"2' ,"20+,".3

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ÄÄ !"#\$%&'()\*\$ \*!Ä&,-.&/01,0#%!(.\$&2&'#!" &34,506

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8()(+;N"!"\$*G+	B:?@=A	Ä>
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For Public Review  
1-10-2019

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D	██████████	@;Ä;C:ÄB D6Ä@ NE
=	██████████	@;Ä;C:ÄB ÄC67C NE
<	██████████	@;@;C:ÄB =6:< 5E
>	██████████	@;B;C:ÄB D6DB NE
B	██████████	@;>;C:ÄB ÄC6=< NE
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ÄD	██████████	B;CC;C:ÄB Ä:6CÄ 5E
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Ä>	██████████	B;Ä>;C:ÄB B6ÄC 5E
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4	(00! **	0('
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C	[REDACTED]	@;Ä;C:ÄB D6Ä@ NE
7	[REDACTED]	@;Ä;C:ÄB ÄC67C NE
D	[REDACTED]	@;@;C:ÄB =6:< 5E
=	[REDACTED]	@;>;C:ÄB ÄC6=< NE
<	[REDACTED]	@;<;C:ÄB ÄÄ6ÄB 5E
>	[REDACTED]	@;=;C:ÄB <6=7 NE
B	[REDACTED]	@;=;C:ÄB @6DÄ 5E
@	[REDACTED]	@;=;C:ÄB B6Ä: 5E
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ÄÄ	[REDACTED]	B;CC;C:ÄB Ä:6CÄ 5E
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Ä7	[REDACTED]	B;Ä<;C:ÄB C6:C NE
ÄD	[REDACTED]	B;Ä<;C:ÄB B6ÄC 5E
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C	P&0\$.)*(\$	@;Ä;C:ÄB D6Ä@ NE
7	P&0\$.)*(\$	@;Ä;C:ÄB ÄC67C NE
D	P&0\$.)*(\$	@;@;C:ÄB =6:< 5E
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B	P&0\$.)*(\$	@;=;C:ÄB @6DÄ 5E
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ÄD	P&0\$.)*(\$	B;Ä<;C:ÄB B6ÄC 5E
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Ä	EW	@;ÄÄ;C:ÄB Ä:6Ä@ 5E
C	EW	@;Ä;C:ÄB D6Ä@ NE
7	EW	@;Ä;C:ÄB ÄC67C NE
D	EW	@;@;C:ÄB =6:< 5E
=	EW	@;>;C:ÄB ÄC6=< NE
<	EW	@;<;C:ÄB ÄÄ6ÄB 5E
>	EW	@;=;C:ÄB <6=7 NE
B	EW	@;=;C:ÄB @6DÄ 5E
@	EW	@;=;C:ÄB B6Ä: 5E
Ä:	EW	@;C;C:ÄB >6CC NE
ÄÄ	E\$	B;CC;C:ÄB Ä:6CÄ 5E
ÄC	EW	B;ÄB;C:ÄB @6Ä= NE
Ä7	EW	B;Ä<;C:ÄB C6:C NE
ÄD	EW	B;Ä<;C:ÄB B6ÄC 5E
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Ä<	EW	B;Ä=;C:ÄB D6:C NE
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C	DBÄ@>	@;Ä;C:ÄB D6Ä@ NE
7	DBÄ@B	@;Ä;C:ÄB ÄC67C NE
D	DBÄ@>	@;@;C:ÄB =6:< 5E
=	DBÄ@>	@;>;C:ÄB ÄC6=< NE
<	DBÄC@	@;<;C:ÄB ÄÄ6ÄB 5E
>	DBÄ@B	@;=;C:ÄB <6=7 NE
B	DBÄ@>	@;=;C:ÄB @6DÄ 5E
@	DBÄ@>	@;=;C:ÄB B6Ä: 5E
Ä:	DBÄ@B	@;C;C:ÄB >6CC NE
ÄÄ	DBÄ@>	B;CC;C:ÄB Ä:6CÄ 5E
ÄC	DBÄ@>	B;ÄB;C:ÄB @6Ä= NE
Ä7	DBÄ@>	B;Ä<;C:ÄB C6:C NE
ÄD	DBÄ@>	B;Ä<;C:ÄB B6ÄC 5E
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7	██████████	@;ÄÄ;C:ÄB Ä:6DD 5E

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<D ; <=

ÄÄ !"#\$%&'()\* \$ \*!Ä&,- .&/01,0#%!(.\$&2&',#!" &34,506

D	[REDACTED]	@;Ä:C:ÄB D6Ä@ NE
=	[REDACTED]	@;Ä:C:ÄB ÄC67C NE
<	[REDACTED]	@:@:ÄB =6:< 5E
>	[REDACTED]	@;B:C:ÄB D6DB NE
B	[REDACTED]	@;>;C:ÄB ÄC6=< NE
@	[REDACTED]	@;<;C:ÄB ÄÄ6ÄB 5E
Ä:	[REDACTED]	@;=:C:ÄB <6=7 NE
ÄÄ	[REDACTED]	@;=:C:ÄB @6DÄ 5E
ÄC	[REDACTED]	@;=:C:ÄB B6Ä: 5E
Ä7	[REDACTED]	@;C:C:ÄB >6CC NE
ÄD	[REDACTED]	B;CC;C:ÄB Ä:6CÄ 5E
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4	%,&) Ä):\$C !	0('
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D	[REDACTED]	@;Ä:C:ÄB ÄC67C NE
=	[REDACTED]	@:@:ÄB =6:< 5E
<	[REDACTED]	@;B:C:ÄB D6DB NE
>	[REDACTED]	@;>;C:ÄB ÄC6=< NE
B	[REDACTED]	@;<;C:ÄB ÄÄ6ÄB 5E
@	[REDACTED]	@;=:C:ÄB <6=7 NE
Ä:	[REDACTED]	@;=:C:ÄB B6Ä: 5E
ÄÄ	[REDACTED]	@;C:C:ÄB >6CC NE
ÄC	[REDACTED]	B;ÄB;C:ÄB @6Ä= NE
Ä7	[REDACTED]	B;Ä<;C:ÄB B6ÄC 5E
ÄD	[REDACTED]	B;Ä=;C:ÄB =67@ NE
Ä=	[REDACTED]	B;Ä=;C:ÄB D6:C NE

DRAFT 2  
For Public Review  
1-10-2019

**Received from Ypsilanti Township 2040 Comment Board**

Please include a sidewalk on Congress between Mansfield and Hewitt. People walk in the road down this street every single day - it's unsafe for pedestrians!

---

Hi, I will be working so won't be attending the activities 10/16-19, but am glad to see the Township planning this way. I think the Township does a great job keeping up the parks. I think it needs to have community activities or in cooperation with Ypsi the city. Look at South Lyon with the pumpkinfest and Belleville with the Booville activities for fall, scarecrows in front of businesses; Brighton and Belleville both have rotating sculpture exhibits to keep people coming back. Ypsi has the first Fridays to bring people downtown. Ecorse Road isn't conducive to walking around, but the parks are. Advertise the art show in August at North Park more and have other activities there throughout the year. The Township needs gathering places to bring people in and create memories for families to tie them to the area.

---

How about a new dog park?

I'm a dog owner who cleans up after my dog's waste but there are always some owners who neglect to clean up. Why don't we designate an area of the most popular park(s) where people walk their dogs, and let dogs run and play off-leash there? Providing bags would also be great. Ann Arbor has Swift Run park, why not Ypsilanti?

DRAFT 2  
For Public Review  
1-10-2019

Anonymous letter received by Township Supervisor

Improvements

Ypsi Twp.

Received Supervisor's Office

OCT 22 2018

Ypsilanti Township

We need bike paths / sidewalks

so we can get from our homes (Green Farms Sub, Rosewind Sub, Creekside Subs, etc.)

to our library, ~~City Center~~, Post Office, Pharmacy, Grocery stores, County Fair, Apple

Orchards. without riding on roads with no emergency lane, bike lane, sidewalk pedestrian crosswalks. You need to connect/create lanes for walkers/bicycle riders that are safe: connect to the Washtenaw County Border to Borden Path.

Thank you!

YTB - Ypsilanti Twp. Bikers  
Seniors, Adults, Teens to Toddlers

They are sporadic or not available. Examples: Rd. Mantz, Exumple's Rd., Whitaker Rd.

**DRAFT 2**  
**For Public Review**  
**1-10-2019**

## Received at Parks & Recreation Open House

Notes received at Open House September 10, 2018 (authors unknown)

- Rec Center on this side of town, w/skating rink (indoors or out)
- Paths on Huron River Drive from Textile to Whittaker
- Dogs off leashes in parks is an issue. Dog park?
- Increase security / safety on paths (lighting)
- Connector to park on Rawsonville
- Keep up the good work maintaining what we have. Add trails to get us around town and to our parks.

---

Dear Megan,

I regret I could not come on the Monday when there was an open house on parks & recreation. I looked at the survey, but honestly I'm familiar with 4 or 5 parks in my 37 years living in the township and have no ideas about any of the other ones.

Lack of communication is what strikes me most. As a result, I recommend the following.

- 1- Better signs. Signs with the park's name and underneath this a brief statement of what is available in a park, e.g., boat ramp, play ground, exercise path. Brief and to the point but noticeable as people drive by.
- 2- Promote the exercise path near the Mirion (is the building repaired?) used frequently with the cub scouts. Both adults and scouts greatly benefitted from it.
- 3- Promote old buildings and historical places. so there can be fieldtrips for schools, including summer schools, daycare centers, and parents. Is there any presentation about the history of Ypsilanti township, for example, a display in the library?
- 4- The library and the township each put out a booklet to promote events, but I find that many people do not know about them. How can these be promoted better?
- 5- Dog park. Permit advertisement, so that pet stores provide part of the maintenance labor and/or cost.

Sincerely,

[REDACTED]

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This weekend, I got together with my son and daughter-in-law, and they had some ideas I believe to be worth exploring. I hope these help.

Sincerely, [REDACTED]

They also suggested that near the bathrooms in the parks where people frequently wait that there be a map showing the parks and what is available at each, again with symbols rather than verbal descriptions which take longer to process especially if they are turned 90 degrees above the dots showing which park has which attribute listed above.

# Charter Township of Ypsilanti

## RESOLUTION NO. 2019-02

### ADOPTION OF THE 2019-2023 YPSILANTI CHARTER TOWNSHIP PARKS AND RECREATION MASTER PLAN

At a Regular Meeting of the Ypsilanti Charter Township Board of Trustees ,  
Washtenaw County, Michigan held at the Tilden R. Stumbo Civic Center, 7200  
S. Huron River Dr., Ypsilanti, MI, on the 15<sup>th</sup> day of January, 2019 at 7:00pm

**WHEREAS**, Ypsilanti Charter Township has undertaken a planning  
process to determine the recreation and natural resource conservation needs  
and desires of its residents during a five year period covering the years 2019  
through 2023, and

**WHEREAS**, Ypsilanti Charter Township began the process of  
developing a community recreation plan in accordance with the most recent  
guidelines developed by the Department of Natural Resources and made  
available to local communities, and

**WHEREAS**, residents of Ypsilanti Township were provided a with  
a well-advertised opportunity during the development of the draft plan  
to express opinions, ask questions, and discuss all aspects of the  
recreation and natural resource conservation plan, and

**WHEREAS**, the public was given a well-advertised opportunity and  
reasonable accommodations to review the final draft plan for a period of at least  
30 days, and

**WHEREAS**, a public hearing was held on January 15, 2019 at the Tilden R.  
Stumbo Civic Center to provide an opportunity for all residents of the planning area  
to express opinions, ask questions, and discuss all aspects of the Ypsilanti Charter  
Township Parks & Recreation Master Plan, and

**WHEREAS**, Ypsilanti Charter Township has developed the plan as a  
guideline for improving recreation and enhancing natural resource conversation  
for the Township, and



**WHEREAS**, after the public hearing, the Board of Trustees voted to adopt said 2019-2023 Ypsilanti Charter Township Parks & Recreation Master Plan

**NOW, THEREFORE BE IT RESOLVED** Ypsilanti Charter Township hereby adopts the 2019-2023 Ypsilanti Charter Township Parks and Recreation Master Plan.

# PUBLIC COMMENTS

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# **CONSENT AGENDA**

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**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF WORK SESSION  
DECEMBER 18, 2018**

Supervisor Stumbo called the meeting to order at approximately 5:03 p.m. in the Ypsilanti Township Civic Center Board Room, 7200 S. Huron River Drive, Ypsilanti Township.

**Members Present:** Supervisor Brenda L. Stumbo, Clerk Lovejoy Roe, Treasurer Larry Doe, Trustees: Stan Eldridge, Monica Ross-Williams and Jimmie Wilson, Jr.

**Members Absent:** Trustee Heather Jarrell Roe

**Legal Counsel:** Wm. Douglas Winters

**1. REQUEST TO ENTER INTO CLOSED SESSION FOR DISCUSSION ON  
14B COURT AFSCME UNION CONTRACT**

**A motion was made by Treasurer Doe, supported by Trustee Ross-Williams to enter into Closed Session for discussion on 14B Court AFSCME Union Contract.**

<b>Jarrell Roe:</b>	<b>Absent</b>	<b>Eldridge:</b>	<b>Yes</b>	<b>Ross-Williams:</b>	<b>Yes</b>
<b>Lovejoy Roe:</b>	<b>Yes</b>	<b>Stumbo:</b>	<b>Yes</b>	<b>Doe:</b>	<b>Yes</b>
<b>Wilson:</b>	<b>Yes</b>				

**Entered into Closed Session at 5:06 p.m.**

**A motion was made by Treasurer Doe, supported by Trustee Ross-Williams to come out of Closed Session at 5:36 p.m.**

<b>Jarrell Roe:</b>	<b>Absent</b>	<b>Eldridge:</b>	<b>Yes</b>	<b>Ross-Williams:</b>	<b>Yes</b>
<b>Lovejoy Roe:</b>	<b>Yes</b>	<b>Stumbo:</b>	<b>Yes</b>	<b>Doe:</b>	<b>Yes</b>
<b>Wilson:</b>	<b>Yes</b>				

**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 WORK SESSION  
PAGE 2**

**2. YPSILANTI TOWNSHIP PLANNING STUDY .....  
.....MEGAN MASSON-MINOCK, CARLISLE WORTMAN**

Megan Masson-Minock, Carlisle Wortman stated she would be turning the major portion of the presentation over to William Saint Amour from Cobalt, but first would put the survey into context:

- Part of the Ypsilanti 2040 process
- Part of data collection and analysis
- In 2019 developing the Master Plan
- Presented Master Plan Workshop Dates hosted primarily at the UAW Union Hall
- Update plans and policies

William Saint Amour, Cobalt Community Research presented a quick overview from the planning-related findings in the 2018 survey to Ypsilanti Township residents from the PowerPoint entitled Ypsilanti Township Planning Study. (attached flash drive)

Trustee Ross-Williams asked how the benchmark for safety for the state of Michigan was comprised. Mr. Saint Amour responded it tended to lean toward urban areas. Discussion followed regarding the Townships score of 64, which was based on a scale of 0 to 100 which was part of the American School Satisfaction Index Methodology out of the U of M Business School. Mr. Saint Amour stated it was very unusual to reach a score over 90 and most of the communities he had worked with were in the 60 to low 70 range.

Discussion followed on the subject of perception of local government management, the Township scored higher overall, than in 2009 and in relation to the benchmark, but needed to work on some social and economic things.

Trustee Ross-Williams asked if the quality of the schools was bringing down the benchmark for the overall quality of the community even though the Township does not have a direct control over the schools. Mr. Saint Amour agreed that was the case.

**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 WORK SESSION  
PAGE 3**

Megan Masson-Minock explained this survey would help to serve as a basis of actions that would be taken in the future. She stated another survey would be taken in five years, which would be a great way to see what had been achieved and better serve as a tool to see what actions still need to be taken.

**3. AGENDA REVIEW.....SUPERVISOR STUMBO**

**1. PROCLAMATION HONORING THE 2018 BELLEVILLE HIGH SCHOOL FOOTBALL TEAM**

Clerk Lovejoy Roe thanked Trustee Ross-Williams for bringing this item forward.

**2. CONSENT AGENDA**

**A. MINUTES OF THE DECEMBER 4, 2018 WORK SESSION AND REGULAR MEETING**

**B. STATEMENTS AND CHECKS**

- 1. STATEMENTS AND CHECKS FOR DECEMBER 18, 2018 IN THE AMOUNT OF \$1,298,000.94**
- 2. CLARITY HELTH CARE DEDUCTIBLE ACH EFT FOR NOVEMBER 2018 IN THE AMOUNT OF \$27,475.80**
- 3. CLARITY HEALTH CARE ADMIN FEE NOVEMBER 2018 IN THE AMOUNT OF \$1,101.00**

**3. ATTORNEY REPORT**

**A. GENERAL LEGAL UPDATE**

- B. REQUEST AUTHORIZATION UP TO \$7,500.00 FOR EASEMENT ACQUISITION FROM CAMELOT APARTMENTS FOR WASHTENAW AVENUE SIDEWALK AS A PART OF THE REIMAGINE WASHTENAW**

**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 WORK SESSION  
PAGE 4**

**SIDEWALK PROJECT BUDGETED IN LINE ITEM  
#101-446-000-818-022**

Attorney Winters briefly explained the need to obtain authorization of \$7,500 for Easement acquisition in order for this project to go forward. Supervisor Stumbo asked if the Township had received any other easements. Attorney Winters stated there were three others waiting to be signed and Clerk Lovejoy Roe reported three other Easements had already been filed and recorded with the County as part of the Reimagine Washtenaw Sidewalk Project.

**NEW BUSINESS**

**1 REQUEST TO APPROVE THE RECOMMENDATION OF THE CHARTER  
TOWNSHIP OF YPSILANTI LIQUOR COMMISSION TO GRANT CLASS C LIQUOR  
LICENSE TO HERODOTOL AND NATHALIE SAVVIDES FOR THEIR BIG BOY  
RESTAURANT LOCATED AT 2800 WASHTENAW**

Trustee Eldridge reported the Liquor Commission, consisting of Treasurer Larry Doe, Trustee Jimmy Wilson, himself (Trustee Eldridge) had met with the current owner of the Tower Inn on Cross Street in the City of Ypsilanti, who had applied for a Class C Liquor License on May 31, 2018 for a transfer to new location, the Boy Restaurant located at 2800 Washtenaw. He reported the commission had reviewed the plans, which Clerk Lovejoy Roe stated had been made available to the Board members not on the Liquor Commission. Trustee Eldridge reported the owners would continue to honor the franchise agreement for at least another year or two and after that time would then reevaluate whether they would remain with the Big Boy franchise. He said the plan was to currently expand their employee force from 30 to 60, providing they were able to obtain this liquor license. He stated the Liquor Commission unanimously recommended to the Board to approve the Class C Liquor License for this applicant.

Rick Stevenson, owner of Big Boy Restaurant reported they had acquired the Big Boy Restaurant in Dec of 2017 and had made several improvements since that

**CHARTER TOWNSHIP OF YPSILANTI**  
**MINUTES OF DECEMBER 18, 2018 WORK SESSION**  
**PAGE 5**

time. He stated the restaurant could become even more appealing if they were able to obtain this liquor license. He referred to the gain the Big Boy in Tecumseh had made once they had obtained their liquor license and had done several renovations. He reported they were planning expansive renovations for this new location and had faith this would be an excellent business for years to come.

Treasurer Doe reported he was impressed by the fact they had purchased the building and planned on paying it off in the next five years. He stated they planned on keeping the franchise and expanding the menu as well and had already begun renovations. Treasurer Doe stated he looked forward to stopping in for dinner and hopefully enjoying a glass of wine.

Trustee Eldridge stated he was initially concerned about the problems that sometimes accompany the later hours that would be incorporated with the liquor license, but the past experiences with the Tower Inn and the training they planned for their workers, he felt they would be responsible caretakers would mitigate many of the problems.

Supervisor Stumbo asked what the hours of operations were. Mr. Stevenson stated the current hours were 7:00 am to 10 pm Sun. – Thurs. and open until 11:00 pm Fri. – Sat. He stated the hope of was to expand to midnight for Sun. – Thurs. and 2:00 am for Fri. and Sat.

Discussion followed regarding parking, which was deemed adequate.

Trustee Ross-Williams thanked the owner for improvements that had already been started and questioned if the liquor license was granted, would liquor be allowed for the breakfast hours. Mr. Stevenson responded traditional breakfast drinks would be available during the breakfast hours and then beer and wine would be available during the rest of the day.

Trustee Ross-Williams questioned the projection of 20.6 % expansion of the business if the liquor license was granted, which Mr. Stevenson stated was correct.



**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 WORK SESSION  
PAGE 6**

Trustee Ross-Williams asked how he would justify that number. Mr. Stevenson reported the numbers from his experience with the Tower Inn clientele.

Supervisor Stumbo and Trustee Eldridge spoke to the rejection of application for a liquor license for Blue Wolf because of a minimal history in the business with limited experience, unable to verify financial aspect and they were not purchasing the building, but rather only had a short-term lease. Trustee Eldridge stated the difference with this application was 30 years of experience with Royce and his wife and Rick, the son-in-law were buying the building and had numerous ties throughout the community, particularly with Eastern Michigan students and they owned a home in Ypsilanti Township. He stated there was no cause of concern with this business.

Supervisor Stumbo stated she had heard the plans for making the renovations with a local theme. Mr. Stevenson stated if they were able to get liquor license the renovations would push Ypsilanti and Eastern Michigan to the extent that this was the Ypsilanti Big Boy, not just any old Big Boy. Supervisor Stumbo mentioned local history themes, Rosie the Rivetor and Willow Run Bomber that perhaps could be considered in the theme of the restaurant. Mr. Stevenson said the consideration includes not just pictures but a mural incorporation of the history.

Clerk Lovejoy Roe mentioned the Factory Field from EMU and discussion followed on the incorporation of the sports aspect. She voiced her approval for the liquor license.

Rich Stevenson thanked Trustee Eldridge for his vote of confidence. He stated he had come on board 10 months ago and he represented the next generation and looked forward to working with the Township for the Ypsilanti Big Boy for many years to come in concert with the Tower Inn and other entities.

**2. REQUEST TO APPROVE THE AMENDED AND RESTATED ESCROW  
AGREEMENT FOR THE HYDRO STATION BETWEEN YPSILANTI**

**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 WORK SESSION  
PAGE 7**

**TOWNSHIP, THE DETROIT EDISON COMPANY AND JPMORGAN CHASE  
BANK CONTINGENT UPON ATTORNEY APPROVAL**

Attorney Winters provided a brief explanation of the agreement and stated the funds should be received by the Township by the end of January and would continue over the next ten years, until the \$80,000.00 had been retired. He stated these were Township funds, over the last 25 years a nickel per kilowatt hour had been escrowed to ensure the Township would perform its obligation to produce electricity.

**3. REQUEST APPROVAL OF CONTRACT WITH THE 14B COURT AFSCME  
UNION FOR YEARS JANUARY 1, 208 TO DECEMBER 31, 2020**

Supervisor Stumbo stated this had been discussed in Closed Session.

**4. REQUEST APPROVAL OF CHANGE ORDER WITH WEATHERSEAL HOME  
IMPROVEMENTS FOR THE COMMUNITY CENTER ROOF IN THE AMOUNT  
OF \$8,942.00 BUDGETED IN LINE ITEM #101-970-000-976**

Supervisor Stumbo stated Christopher, a representative from OHM was present if there were any questions. There were none.

- 5. RESOLUTION 2018-35, TOWNSHIP SUPERVISOR'S SALARY**
- 6. RESOLUTION 2018-36, TOWNSHIP CLERK'S SALARY**
- 7. RESOLUTION 2018-37, TOWNSHIP TREASURER'S SALARY**

Supervisor Stumbo stated the Supervisor's, Clerk's and Treasurer's salaries were all a 3% increase, the same as the unions and non-union employees.

**8. RESOLUTION 2018-38, TRUSTEES SALARY**

Supervisor Stumbo apologized for putting a 0% increase, as it should have been per diem.

**9. RESOLUTION 2018-39, ADMINISTRATIVE AND CONFIDENTIAL  
EMPLOYEE'S SALARY**

**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 WORK SESSION  
PAGE 8**

Supervisor Stumbo stated the Board adopted this every year even though it was not necessary.

**10. RESOLUTION 2018-41, ADOPTION OF 2019 REGULAR BOARD MEETING DATES**

Supervisor Stumbo stated a special meeting could be called at any time if necessary.

**11. RESOLUTION 2018-42, ADOPTION OF ROBERT'S RULES OF ORDER**

Supervisor Stumbo stated this was how the process was governed at the board meetings.

**12. RESOLUTION 2018-43, DESIGNATION OF DEPOSITORIES FOR 2019**

Supervisor Stumbo stated this was the same as previous years but was necessary every year.

**13. RESOLUTION 2018-44, DESIGNATION OF NEWSPAPER OF CIRCULATION**

Supervisor Stumbo stated Washtenaw Legal and Mlive Ann Arbor were designated to be the Newspaper of Circulation for the Charter Township of Ypsilanti, the same as last year.

**The Work Session adjourned 6:55 p.m.**

Respectfully Submitted,

Karen Lovejoy Roe, Clerk

Charter Township of Ypsilanti

# Closed Session Minutes

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- A. The December 18, 2018 Closed Session Minutes will be distributed to Board Members prior to the meeting.

**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF REGULAR MEETING  
DECEMBER 18, 2018**

Supervisor Stumbo called the meeting to order at approximately 7:00 p.m. in the Ypsilanti Township Civic Center Board Room, 7200 S. Huron River Drive, Ypsilanti Township. The Pledge of Allegiance was recited followed by a moment of silent prayer.

**Members Present:** Supervisor Brenda L. Stumbo, Clerk Karen Lovejoy Roe, Treasurer Larry Doe, Trustees: Stan Eldridge, Heather Jarrell Roe, Monica Ross-Williams, and Jimmie Wilson, Jr.

**Members Absent:** None

**Legal Counsel:** Wm. Douglas Winters

**PUBLIC COMMENTS**

Arloa Kaiser, Township Resident wished everyone a Merry Christmas and a Happy New Year.

Mike Morocco, Operations Lieutenant for Ypsilanti Township, reported the Office of Highway Safety and Planning provided \$90,000.00 for special enforcement for fiscal year 2018 in Washtenaw County. He stated officers in Ypsilanti Township had done such a good job the Township had received \$46,500.00 of that money. He also stated beginning January 6, 12 hour shifts would begin.

Trustee Jarrell Roe thanked Officer Morocco for the good report and briefly spoke to the victories that had been achieved. She stated the only downside was an increase in thefts from unlocked vehicles.

**PROCLAMATION HONORING THE 2018 BELLEVILLE HIGH SCHOOL FOOTBALL TEAM**

Supervisor Stumbo stated the team was not present at this time so the presentation would be done later in the meeting.

**CONSENT AGENDA**

**A. MINUTES OF THE DECEMBER 4, 2018 WORK SESSION AND REGULAR MEETING WITH SUGGESTED CHANGES**

**B. STATEMENTS AND CHECKS**

**1. STATEMENTS AND CHECKS FOR DECEMBER 18, 2018 IN THE AMOUNT OF \$1,298,000.94**

**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 REGULAR MEETING  
PAGE 2**

- 2. CLARITY HEALTH CARE DEDUCTIBLE ACH EFT FOR NOVEMBER 2018 IN THE AMOUNT OF \$27,475.80**
- 3. CLARITY HEALTH CARE ADMIN FEE NOVEMBER 2018 IN THE AMOUNT OF \$1,101.00**

**A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Approve the Consent Agenda.**

**The motion carried unanimously.**

**ATTORNEY REPORT**

**A. GENERAL LEGAL UPDATE**

Attorney Winters gave personal experience regarding his own unlocked vehicle that had been opened during the day and was reported by a neighbor, which in his case nothing was taken since he only had bills and township files inside. He stated he had learned a valuable lesson.

Attorney Winters reported the demolition of Kettering and Thurston were commencing and they had the final asbestos surveys. He stated the Office of Community Standards had issued a permit for Kettering. He also reported the dedication plaques had been removed from both schools and would be preserved to maintain the history of the Willow Run Community for the future.

Attorney Winters provided a brief update regarding Kaiser School.

Attorney Winters briefly reported on the status of the Forbes Cleaners demolition and remediation.

Attorney Winters stated the property on Lamay which the Township had acquired with the Tax Foreclosure Auction would be conveyed to Habitat in January.

Attorney Winters reported the Township would remit \$1,500 to Campbell Title to complete the Title Investigation for Rivergrove Townhomes property, the 75 unit condominiums at Grove and Bridge. He stated that would enable Phase II of that project to be completed.

Attorney Winters voiced his appreciation for being able to serve 35 years as the Township's General Counsel, along with Attorney Denny McLain and Attorney Angela King.

- B. REQUEST AUTHORIZATION UP TO \$7,500.00 FOR EASEMENT ACQUISITION FROM CAMELOT APARTMENTS FOR WASHTENAW AVENUE SIDEWALK AS A PART OF THE REIMAGINE WASHTENAW SIDEWALK PROJECT BUDGETED IN LINE ITEM #101-446-000-818-022**

**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 REGULAR MEETING  
PAGE 3**

**A motion was made by Trustee Wilson, supported by Trustee Eldridge to authorize up to \$7,500.00 for Easement Acquisition from Camelot Apartments for Washtenaw Avenue Sidewalk as a part of the Reimagine Washtenaw Sidewalk Project budgeted in line item #101-446-000-818-022.**

**The motion carried unanimously**

**NEW BUSINESS**

- 1. REQUEST TO APPROVE THE RECOMMENDATION OF THE CHARTER TOWNSHIP OF YPSILANTI LIQUOR COMMISSION TO GRANT CLASS C LIQUOR LICENSE TO HERODOTOL AND NATHALIE SAVVIDES FOR THEIR BIG BOY RESTAURANT LOCATED AT 2800 WASHTENAW**

**A motion was made by Trustee Eldridge, supported by Trustee Jarrell Roe to approve the recommendation of the Charter Township of Ypsilanti Liquor Commission to grant Class C Liquor License to Herodotol and Nathalie Savvides for their Big Boy Restaurant located at 2800 Washtenaw.**

Supervisor Stumbo provided a brief description of the business operations and changes for the restaurant, as well as a 30 year history of operating their other restaurant, the Tower Inn in the City of Ypsilanti. She stated this was discussed in depth in the Work Session and thanked the Liquor Committee for their work and providing necessary information to reach an informed decision.

Trustee Jarrell Roe stated she was excited to welcome the changes to be provided by the business and voiced her appreciation for the Tower Inn.

**The motion carried unanimously.**

- 2. REQUEST TO APPROVE THE AMENDED AND RESTATED ESCROW AGREEMENT FOR THE HYDRO STATION BETWEEN YPSILANTI TOWNSHIP, THE DETROIT EDISON COMPANY AND JPMORGAN CHASE BANK CONTINGENT UPON ATTORNEY APPROVAL**

**A motion was made by Treasurer Doe, supported by Trustee Wilson to approve the Amended and Restated Escrow Agreement for the Hydro Station between Ypsilanti Township, the Detroit Edison Company and JPMorgan Chase Bank contingent upon attorney approval and authorization for the Clerk and Supervisor to sign. (See Attached).**

**The motion carried unanimously.**

**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 REGULAR MEETING  
PAGE 4**

**3. REQUEST APPROVAL OF CONTRACT WITH THE 14B COURT AFSCME  
UNION FOR YEARS JANUARY 1, 2018 TO DECEMBER 31, 2020**

**A motion was made by Trustee Wilson, supported by Clerk Lovejoy Roe for approval of Contract with the 14B Court AFSCME Union for Years January 1, 2018 to December 31, 2020.**

Supervisor Stumbo stated this had been discussed in the Closed Session in the Work Session and Attorney Winters agreed this contract was in alignment with what had already been approved for the AFSCME and Teamster contracts already approved for Township employees.

**The motion carried unanimously.**

**PROCLAMATION HONORING THE 2018 BELLEVILLE HIGH SCHOOL  
FOOTBALL TEAM (See Attached)**

Clerk Lovejoy Roe read a Proclamation honoring the 2018 Belleville High School Football Team into the record.

The audience applauded and pictures were taken of the team with the Township Board at this point.

**4. REQUEST APPROVAL OF CHANGE ORDER WITH WEATHERSEAL HOME  
IMPROVEMENT FOR THE COMMUNITY CENTER ROOF IN THE AMOUNT OF  
\$8,942.00 BUDGETED IN LINE ITEM #101-970-000-976-008**

**A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe for approval of Change Order with Weatherseal Home Improvement for the Community Center Roof in the amount of \$8,942.00 budgeted in line item #101-970-000-976-008.**

**The motion carried unanimously.**

**5. RESOLUTION 2018-35, TOWNSHIP SUPERVISOR'S SALARY**

**A motion was made by Trustee Jarrell Roe, supported by Trustee Wilson to approve Resolution 2018-35, Township Supervisor's Salary. (See Attached)**

**The motion carried unanimously.**



**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 REGULAR MEETING  
PAGE 5**

**6. RESOLUTION 2018-36, TOWNSHIP CLERK'S SALARY**

**A motion was made by Trustee Wilson, supported by Trustee Eldridge to approve Resolution 2018-36, Township Clerk's Salary. (See Attached)**

**The motion carried unanimously.**

**7. RESOLUTION 2018-37, TOWNSHIP TREASURER'S SALARY**

**A motion was made by Trustee Eldridge, supported by Trustee Jarrell Roe to approve Resolution 2018-37, Township Treasurer. (See Attached)**

**The motion carried unanimously.**

**8. RESOLUTION 2018-38, TRUSTEE'S SALARY**

**A motion was made by Clerk Lovejoy Roe, supporter by Treasurer Doe to approve Resolution 2018-38, Trustee's Salary. (See Attached)**

**The motion carried unanimously**

**9. RESOLUTION 2018-39, ADMINISTRATIVE AND CONFIDENTIAL EMPLOYEES SALARY**

**A motion was made by Trustee Jarrell Roe, supported by Trustee Ross-Williams to approve Resolution 2018-39, Administrative and Confidential Employees Salary. (See Attached)**

**The motion carried unanimously.**

**10. RESOLUTION 2018-41, ADOPTION OF 2019 REGULAR BOARD MEETING DATES**

**A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to approve Resolution 2018-41, Adoption of 2019 Robert's Rules of Order. (See Attached)**

**The motion carried unanimously.**

**CHARTER TOWNSHIP OF YPSILANTI  
MINUTES OF DECEMBER 18, 2018 REGULAR MEETING  
PAGE 6**

**11. RESOLUTION 2018-42, ADOPTION OF ROBERT'S RULES OF ORDER**

**A motion was made by Trustee Jarrell Roe, supported by Trustee Ross-Williams to approve Resolution 2018-42, Adoption of Robert's Rules of Order. (See Attached)**

**The motion carried unanimously.**

**12. RESOLUTION 2018-43, DESIGNATION OF DEPOSITORIES FOR 2019**

**A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to approve Resolution 2018-43, Designation of Depositories for 2019. (See Attached)**

**The motion carried unanimously.**

**13. RESOLUTION 2018-44, DESIGNATION OF NEWSPAPER OF CIRCULATION**

**A motion was made by Clerk Lovejoy Roe, supported by Trustee Wilson to approve Resolution 2018-44, Designation of Newspaper of Circulation. (See Attached)**

**The motion carried unanimously.**

**OTHER BUSINESS**

Supervisor Stumbo wished everyone a safe and Happy Christmas and New Year's Holiday Season. She wished everyone continued good health and asked prayer for those that do not have good health. She stated this had been a hard year for the Township family as there had been a lot of sickness and several deaths.

Trustee Ross-Williams asked for prayer for Councilman Peter Murdock regarding health issues.

**A motion was made to adjourn by Clerk Lovejoy Roe, supported by Trustee Jarrell Roe.**

**The motion carried unanimously**

The meeting was adjourned at 7:30 p.m.  
Respectfully Submitted,

Brenda L. Stumbo, Supervisor  
Charter Township of Ypsilanti

Karen Lovejoy Roe, Clerk  
Charter Township of Ypsilanti

## AMENDED AND RESTATED ESCROW AGREEMENT

THIS AMENDED AND RESTATED ESCROW AGREEMENT (this "Escrow Agreement") is entered into as of December 18, 2018, by and among DTE Electric Company (the "Company"), The Charter Township of Ypsilanti (the "Seller"), and together with the Company, sometimes referred to individually as "Party" and collectively as the "Parties"), and JPMorgan Chase Bank, N.A., as successor in interest to NBD Bank, N.A. (Detroit) (the "Escrow Agent").

**WHEREAS**, the Company, as purchaser, and Seller have entered into that certain Agreement dated February 7, 1994 (the "Agreement"), and Seller has agreed to sell to the Company certain electrical energy from a hydro electric facility, including interconnection facilities owned by Seller, on the terms and conditions set forth herein.

**WHEREAS**, pursuant to Section 7.1 of the Agreement, in order to secure Seller's obligation to refund certain payments made by the Company and payment of damages in the event of termination or cancellation, the Company is obligated to deposit on a monthly basis into an escrow account to be established, an amount (the "Escrowed Payment") equal to 0.5 cents per kilowatt-hour ("kWh") of electricity purchased by the Company during the month to which each monthly payment relates. The Escrowed Payment is to be deducted from the monthly payment otherwise due Seller and to be deposited with and held by Escrow Agent in the manner hereinafter set forth.

**WHEREAS**, the Company, Seller and Escrow Agent desire to amend and restate, in its entirety, that certain Escrow Agreement among the Company, Seller and Escrow Agent dated as of May 4, 1994, as amended by that certain Amendment No. 1 to Escrow Agreement among the Company, Seller and Escrow Agent dated as of September 20, 2011 (as amended, the "Original Escrow Agreement") to receive, hold and administer the Escrowed Payments due from the Company on the terms and conditions set forth herein. A copy of the Original Escrow Agreement has been included for reference as Exhibit B.

**WHEREAS**, the Parties have appointed Escrow Agent as their escrow agent for the purposes set forth herein, and Escrow Agent has accepted such appointment and agrees to continue to serve as Escrow Agent under the terms and conditions set forth herein.

1. **Fund; Investment.** (a) At the time of execution of this Escrow Agreement, the current balance of the escrow account is \$ \_\_\_\_\_. The Company hereby agrees to deliver to and deposit with Escrow Agent on a monthly basis, the Escrowed Payments. The Company need not make any deposit for any month for which payment is not due or payable to Seller under the terms of the Agreement. All such deposits shall be made concurrently with the monthly payment due to Seller. The Company agrees to provide email notification to Escrow Agent in advance of each deposit of the Escrowed Payments and provide Seller with satisfactory evidence of such deposits at such time as each monthly payment due to Seller is made. It is expressly agreed and understood that the Escrow Agent has no responsibility for making calculations or determining or collecting amounts to be deposited or for the interpretation of the Agreement and Escrow Agent may rely solely upon the written instructions received by it pursuant to this Escrow Agreement.

(b) Escrow Agent shall hold the Escrow Payments in one or more demand deposit accounts (and shall invest and reinvest the Escrow Payments and the proceeds thereof (the "Fund") in a money market mutual fund, including without limitation a JPMorgan Money Market Mutual Fund (collectively, "MMMF"), selected by Seller and as set forth in Schedule 3 attached hereto, and as shall be acceptable to Escrow Agent, based upon Seller's independent review of prospectuses previously delivered to Seller. Absent written direction of Seller, the Fund shall be invested in JPMorgan U. S. Treasury Money Market Fund – Morgan Shares. The Seller and Company acknowledge that an affiliate of Escrow Agent, JPMorgan Asset Management ("JPMAM"), serves as investment manager for the selected MMMF and receives fees from the invested funds for services rendered separate from the fees for services rendered by Escrow Agent as further provided within the Agreement. No other investment of the Fund will be permitted during the term of this Escrow Agreement. Escrow Agent is hereby authorized to execute purchases and sales of investments through the facilities of its own trading or capital markets operations or those of any affiliated entity and Escrow Agent or any affiliated entity may act as counterparty with respect to such investments. Escrow Agent will not provide supervision, recommendations or advice relating to either the investment of moneys held in the Fund or the purchase, sale, retention or other disposition of any investment described herein, and each Party acknowledges that it was not offered any investment, tax or accounting advice or recommendation by Escrow Agent with regard to any investment and has made an independent assessment of the suitability and appropriateness of any investment selected hereunder for purposes of this Escrow Agreement.

(c) Escrow Agent agrees to prepare and submit to the Company and Seller on a monthly basis a report with respect to the financial status of the Fund (the "Escrow Statement") including the total of the Fund held by the Escrow Agent and a description of the transactions made during the relevant period, as well as the respective amounts, yields and maturities of any investments. Notwithstanding anything to the contrary in this Escrow Agreement, market values, exchange rates and other valuation information (including without limitation, market value, current value or notional value) furnished in any report or statement may be obtained from third party sources and is furnished for the exclusive use of the Parties. Escrow Agent has no responsibility whatsoever to determine the market or other value and makes no representation or warranty, express or implied, as to the accuracy of any such valuations or that any values necessarily reflect the proceeds that may be received on the sale. Escrow Agent shall not have any liability for any loss sustained as a result of any investment made pursuant to the terms of this Escrow Agreement or as a result of any liquidation of any investment prior to its maturity or for the failure of an Authorized Representative (as defined below) of Seller to give Escrow Agent instructions to invest or reinvest the Fund. Escrow Agent shall have the right to liquidate any investments held in order to provide funds necessary to make required payments under this Escrow Agreement.

(d) All interest or other income earned under this Escrow Agreement shall be allocated between the Parties in accordance with the distribution of the Fund per Section 2 and reported by Escrow Agent to the IRS, or any other taxing authority, on IRS Form 1099 or 1042S (or other appropriate form) as income earned from the Fund by the Party receiving the distribution. Escrow Agent shall withhold any taxes it deems appropriate in the absence of proper tax documentation or as required by law, and shall remit such taxes to the appropriate authorities. The Parties hereby represent to Escrow Agent that no other tax withholding or information reporting of any kind is required by Escrow Agent.

2. **Disposition and Termination.** (a) Escrow Agent shall release the Fund in accordance with written instructions from the Parties as evidenced by the signatures of the person or persons signing this Escrow Agreement or one of the designated persons as set forth on the Designation of Authorized Representatives attached hereto as Schedule I-A and I-B (each an "Authorized Representative"), in the form of Exhibit A-1 annexed hereto (the "Request for Disbursement to Seller"). After delivery to the Escrow Agent of a Request for Disbursement to Seller which has been signed by an Authorized Representative of the Seller and countersigned by an Authorized Representative of the Company, the Escrow Agent shall pay the amount of such Request for Disbursement to Seller accordingly.

(b) Escrow Agent shall release the Fund in accordance with written instructions from the Company in the form of Exhibit A-2 annexed hereto (the "Request for Disbursement to Company"). After delivery to the Escrow Agent of a Request for Disbursement to Company which has been signed by an Authorized Representative of the Company, the Escrow Agent shall pay the amount of such Request for Disbursement to Company accordingly. The Escrow Agent shall have no obligation to confirm the appropriateness of such payment to the Company with or notify the Seller prior to such distribution.

(c) If the Fund has not been fully disbursed as set forth by the terms of this Escrow Agreement on December 31, 2027 at 5:00 p.m. EST, this Escrow Agreement shall terminate and the Fund shall be released to Seller in accordance with such Party's Standing Instructions. Upon delivery of the Fund as provided herein, Escrow Agent shall be released from all obligations and liabilities under this Escrow Agreement.

(d) The instructions provided for in this Section 2 shall be binding upon Seller and Company. Escrow Agent shall be protected in acting in accordance with such instructions. Escrow Agent shall disburse the Fund within three (3) Business Days of receipt of a request or instruction received in accordance with this Section 2. Escrow Agent shall not be liable to Company, Seller or any other person or entity as a result of acting pursuant to the written instructions received from either (i) Company and Seller or (ii) Company in accordance with this Escrow Agreement.

Notwithstanding anything to the contrary set forth in Section 7, any instructions setting forth, claiming, containing, objecting to, or in any way related to the transfer or distribution of the Fund, must be in writing and executed by the appropriate Authorized Representative(s), and delivered to Escrow Agent only by confirmed facsimile or as a Portable Document Format ("PDF") attached to an email only at the fax number or email address set forth in Section 7 below. Each Designation of Authorized Representatives shall be signed by a Secretary, any Assistant Secretary or other duly authorized officer of the named Party. No instruction for or related to the transfer or distribution of the Fund shall be deemed delivered and effective unless Escrow Agent actually shall have received it on a Business Day by facsimile or as a PDF attached to an email only at the fax number or email address set forth in Section 7 and in the case of a facsimile, as evidenced by a confirmed transmittal to the Party's or Parties' transmitting fax number and Escrow Agent has been able to satisfy any applicable security procedures as may be required hereunder. Escrow Agent shall not be

liable to any Party or other person for refraining from acting upon any instruction for or related to the transfer or distribution of the Fund if delivered to any other fax number or email address, including but not limited to a valid email address of any employee of Escrow Agent.

(e) Each Party authorizes Escrow Agent to use the funds transfer instructions (“Initial Standing Instructions”) specified for it below to disburse any funds due to such Party, without a verifying call-back or email confirmation as set forth below:

Company	DTE Electric Company	Seller	Charter Township of Ypsilanti
Bank Name:	JPMorgan Chase	Bank Name:	Huntington National Bank
Bank Address:	611 Woodward Ave, Detroit MI 48226	Bank Address:	PO Box 1558 Columbus OH 43216-1558
ABA number:	Wire 021000021 ACH 072000326	ABA number:	044000024
Credit A/C Name:	DTE Electric Co.	Credit A/C Name:	Charter Township of Ypsilanti
Credit A/C #	1102823	Credit A/C #	01381884148
If Applicable:		If Applicable:	
FFC A/C Name:		FFC A/C Name:	
FFC A/C #:		FFC A/C #:	
FFC A/C Address:		FFC A/C Address:	

(f) In the event any funds transfer instructions other than the Initial Standing Instructions are set forth in a permitted instruction from a Party or the Parties in accordance with this Escrow Agreement (any such additional funds transfer instructions, “Additional Standing Instructions” and, together with the Initial Standing Instructions, the “Standing Instructions”), Escrow Agent will confirm such Additional Standing Instructions by a telephone call-back or email confirmation to an Authorized Representative of such Party or Parties, and Escrow Agent may rely and act upon the confirmation of anyone purporting to be that Authorized Representative. No funds will be disbursed until such confirmation occurs. Each Party agrees that after such confirmation, Escrow Agent may continue to rely solely upon such Additional Standing Instructions and all identifying information set forth therein for such beneficiary without an additional telephone call-back or email confirmation. Further, it is understood and agreed that if multiple disbursements are provided for under this Escrow Agreement pursuant to any Standing Instructions, only the date, amount and/or description of payments may change without requiring a telephone call-back or email confirmation.

(g) The persons designated as Authorized Representatives and telephone numbers for same may be changed only in a writing executed by an Authorized Representative or other duly authorized officer of the applicable Party setting forth such changes and actually received by Escrow Agent via facsimile or as a PDF attached to an email. Escrow Agent will confirm any such change in Authorized Representatives by a telephone call-back or email confirmation to an Authorized Representative and Escrow Agent may rely and act upon the confirmation of anyone purporting to be that Authorized Representative.

(h) Escrow Agent, any intermediary bank and the beneficiary's bank in any funds transfer may rely upon the identifying number of the beneficiary's bank or any intermediary bank included in a funds transfer instruction provided by a Party or the Parties and confirmed by an Authorized Representative. Further, the beneficiary's bank in the funds transfer instructions may make payment on the basis of the account number provided in such Party's or the Parties' instruction and confirmed by an Authorized Representative even though it identifies a person different from the named beneficiary.

(i) As used in this Section 2, “Business Day” shall mean any day other than a Saturday, Sunday or any other day on which Escrow Agent located at the notice address set forth below is authorized or required by law or executive order to remain closed. The Parties acknowledge that the security procedures set forth in this Section 2 are commercially reasonable. Upon delivery of the Fund in full by Escrow Agent pursuant to this Section 2, this Escrow Agreement shall terminate, and all the related account(s) shall be closed, subject to the provisions of Sections 5 and 6.

(j) Notwithstanding anything to the contrary contained in this Escrow Agreement, in the event that an electronic signature is affixed to an instruction issued hereunder to disburse or transfer funds, such instruction shall be confirmed by a verifying call-back (or email confirmation) to an Authorized Representative.

3. **Escrow Agent.** Escrow Agent shall have only those duties as are specifically and expressly provided herein, which shall be deemed purely ministerial in nature, and no other duties, including but not limited to any fiduciary duty, shall be implied. Escrow Agent has no knowledge of, nor any obligation to comply with, the terms and conditions of any other agreement between the Parties, nor shall Escrow Agent be required to determine if any Party has complied with any other agreement. Notwithstanding the terms of any other agreement between the Parties, the terms and conditions of this Escrow Agreement shall control the actions of Escrow Agent. Escrow Agent may conclusively rely upon any written notice, document, instruction or request delivered by the Parties believed by it to be genuine and to have been signed by an Authorized Representative(s), as applicable, without inquiry and without requiring substantiating evidence of any kind and Escrow Agent shall be under no duty to inquire into or investigate the validity, accuracy or content of any such document, notice, instruction or request. Any notice, document, instruction or request delivered by a Party but not required under this Escrow Agreement may be disregarded by Escrow Agent. Escrow Agent shall not be liable for any action taken, suffered or omitted to be taken by it in good faith except to the extent that Escrow Agent's gross negligence or willful misconduct was the cause of any direct loss to either Party. Escrow Agent may execute any of its powers and perform any of its duties hereunder directly or through affiliates or agents. In the event Escrow Agent shall be uncertain, or believes there is some ambiguity, as to its duties or rights hereunder or receives instructions, claims or demands from any Party hereto which in Escrow Agent's judgment conflict with the provisions of this Escrow Agreement, or if Escrow Agent receives conflicting instructions from the Parties, Escrow Agent shall be entitled either to: (a) refrain from taking any action until it shall be given (i) a joint written direction executed by Authorized Representatives of the Parties which eliminates such conflict or (ii) a court order issued by a court of competent jurisdiction (it being understood that Escrow Agent shall be entitled conclusively to rely and act upon any such court order and shall have no obligation to determine whether any such court order is final); or (b) file an action in interpleader. Escrow Agent shall have no duty to solicit any payments which may be due it or the Fund, including, without limitation, the Escrow Payments nor shall Escrow Agent have any duty or obligation to confirm or verify the accuracy or correctness of any amounts deposited with it hereunder. The Parties grant to Escrow Agent a lien and security interest in the Fund in order to secure any indemnification obligations of the Parties or obligation for fees or expenses owed to Escrow Agent hereunder. Anything in this Escrow Agreement to the contrary notwithstanding, in no event shall Escrow Agent be liable for special, incidental, punitive, indirect or consequential loss or damage of any kind whatsoever (including but not limited to lost profits), even if Escrow Agent has been advised of the likelihood of such loss or damage and regardless of the form of action.

4. **Succession.** Escrow Agent may resign and be discharged from its duties or obligations hereunder by giving no less than thirty (30) days advance notice in writing of such resignation to the Parties or may be removed, with or without cause, by the Parties at any time after giving not less than thirty (30) days advance joint written notice to Escrow Agent. Escrow Agent's sole responsibility after such thirty (30) day notice period expires shall be to hold the Fund (without any obligation to reinvest the same) and to deliver the same to a designated substitute escrow agent, if any, appointed by the Parties, or such other person designated by the Parties, or in accordance with the directions of a final court order, at which time of delivery, Escrow Agent's obligations hereunder shall cease and terminate. If prior to the effective resignation or removal date, the Parties have failed to appoint a successor escrow agent, or to instruct Escrow Agent to deliver the Fund to another person as provided above, or if such delivery is contrary to applicable law, at any time on or after the effective resignation date, Escrow Agent either (a) may interplead the Fund with a court located in the State of Michigan and the costs, expenses and reasonable attorney's fees which are incurred in connection with such proceeding may be charged against and withdrawn from the Fund; or (b) appoint a successor escrow agent of its own choice. Any appointment of a successor escrow agent shall be binding upon the Parties and no appointed successor escrow agent shall be deemed to be an agent of Escrow Agent. Escrow Agent shall deliver the Fund to any appointed successor escrow agent, at which time Escrow Agent's obligations under this Escrow Agreement shall cease and terminate. Any entity into which Escrow Agent may be merged or converted or with which it may be consolidated, or any entity to which all or substantially all the escrow business may be transferred, shall be Escrow Agent under this Escrow Agreement without further act.

5. **Compensation; Acknowledgment.** (a) Seller agrees to pay Escrow Agent upon execution of this Escrow Agreement and from time to time thereafter reasonable compensation for the services to be rendered hereunder, which unless otherwise agreed in writing, shall be as described in Schedule 2.

(b) Each of the Parties further agrees to the disclosures and agreements set forth in Schedule 2.

6. **Indemnification and Reimbursement.** The Parties agree jointly and severally to indemnify, defend, hold harmless, pay or reimburse Escrow Agent and its affiliates and their respective successors, assigns, directors, agents and employees (the "Indemnitees") from and against any and all losses, damages, claims, liabilities, costs or expenses (including attorney's fees) (collectively "Losses"), resulting directly or indirectly from (a) Escrow Agent's performance of this Escrow Agreement, except to the extent that such Losses are determined by a court of competent jurisdiction to have been caused by the gross negligence, willful misconduct, or bad faith of such Indemnitee; and (b) Escrow Agent's following, accepting or acting upon any instructions or directions, whether joint or singular, from the Parties received in accordance with this Escrow Agreement. The Parties hereby grant Escrow Agent a right of set-off against the Fund for the payment of any claim for indemnification, fees, expenses and amounts due to Escrow Agent or an Indemnitee. The obligations set forth in this Section 6 shall survive the resignation, replacement or removal of Escrow Agent or the termination of this Escrow Agreement.

7. **Notices.** Except as otherwise provided in Section 2, all communications hereunder shall be in writing or set forth in a PDF attached to an email, and shall be delivered by facsimile, email or overnight courier only to the appropriate fax number, email address, or notice address set forth for each party as follows:

If to Company: DTE Electric Company  
414 South Main Street Suite 300  
Ann Arbor, MI 48104  
Attention: Jon Bateman  
Tel No.: 734-887-2141  
Fax No.:  
Email Address: Jon.Bateman@dteenergy.com

Account statements  
and billing: [Insert address if different from above]

With copies to: One Energy Plaza 833 WCB  
Detroit MI 48226  
Attention: Keith Bardouche  
Tel No.: 313-235-8770  
Fax No.: 313-235-9470  
Email Address keith.bardouche@dteenergy.com

If to Seller: The Charter Township of Ypsilanti  
7200 S Huron River Dr  
Ypsilanti, MI 48197  
Attention: Hydro Operations  
Tel No.: 734-544-3690  
Fax No.: 734-544-3626  
Email Address: msaranen@ytown.org

Account statements  
and billing: [Insert address if different from above]

With copies to: 7200 S. Huron River Dr.  
Ypsilanti, MI 48197  
Attention: Accounting Director  
Tel No.: 734-544-3601  
Fax No.:  
Email Address: jneel@ytown.org

If to Escrow Agent: JPMorgan Chase Bank, N.A.  
Escrow Services  
10 South Dearborn, Mail Code IL1-0113  
Chicago, IL 60603  
Attention: Myra Lagtapon

8. **Compliance with Court Orders.** In the event that a legal garnishment, attachment, levy, restraining notice or court order is served with respect to any of the Fund, or the delivery thereof shall be stayed or enjoined by an order of a court, Escrow Agent is hereby expressly authorized, in its sole discretion, to obey and comply with all such orders so entered or issued, and in the event that Escrow Agent obeys or complies with any such order it shall not be liable to any of the Parties hereto or to any other person by reason of such compliance notwithstanding such order be subsequently reversed, modified, annulled, set aside or vacated.

9. **Miscellaneous.** (a) The provisions of this Escrow Agreement may be waived, altered, amended or supplemented only by a writing signed by Escrow Agent and the Parties. Neither this Escrow Agreement nor any right or interest hereunder may be assigned by any Party without the prior consent of Escrow Agent and the other Party. This Escrow Agreement shall be governed by and construed under the laws of the State of Michigan. Each Party and Escrow Agent irrevocably waives any objection on the grounds of venue, forum non-conveniens or any similar grounds and irrevocably consents to service of process by mail or in any other manner permitted by applicable law and consents to the jurisdiction of the courts located in the State of Michigan. To the extent that in any jurisdiction either Party may now or hereafter be entitled to claim for itself or its assets, immunity from suit, execution, attachment (before or after judgment) or other legal process, such Party shall not claim, and hereby irrevocably waives, such immunity. Escrow Agent and the Parties further hereby waive any right to a trial by jury with respect to any lawsuit or judicial proceeding arising or relating to this Escrow Agreement.

(b) No party to this Escrow Agreement is liable to any other party for losses due to, or if it is unable to perform its obligations under the terms of this Escrow Agreement because of, acts of God, fire, war, terrorism, floods, strikes, electrical outages, equipment or transmission failure, or other causes reasonably beyond its control. This Escrow Agreement and any joint instructions from the Parties may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument or instruction, as applicable. This Escrow Agreement may be executed and transmitted by facsimile or as a PDF attached to an email and each such execution shall be of the same legal effect, validity and enforceability as a manually executed original, wet-inked signature. All signatures of the parties to this Escrow Agreement may be transmitted by facsimile or as a PDF attached to an email, and such facsimile or PDF will, for all purposes, be deemed to be the original signature of such party whose signature it reproduces, and will be binding upon such party. If any provision of this Escrow Agreement is determined to be prohibited or unenforceable by reason of any applicable law of a jurisdiction, then such provision shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions thereof, and any such prohibition or unenforceability in such jurisdiction shall not invalidate or render unenforceable such provisions in any other jurisdiction. The Parties each represent, warrant and covenant that (i) each document, notice, instruction or request provided by such Party to Escrow Agent shall comply with applicable laws and regulations; (ii) such Party has full power and authority to enter into this Escrow Agreement and to perform all of the duties and obligations to be performed by it hereunder; (iii) the person(s) executing this Escrow Agreement on such Party's behalf and certifying Authorized Representatives in the applicable Schedule 1 has been duly and properly authorized to do so, and each Authorized Representative of such Party has been duly and properly authorized to take actions specified for such person in the applicable Schedule 1. Except as expressly provided in Section 6 above, nothing in this Escrow Agreement, whether express or implied, shall be construed to give to any person or entity other than Escrow Agent and the Parties any legal or equitable right, remedy, interest or claim under or in respect of the Fund or this Escrow Agreement.



IN WITNESS WHEREOF, the parties hereto have executed this Escrow Agreement as of the date set forth above.

**DTE ELECTRIC COMPANY**

**JPMORGAN CHASE BANK, N.A.,  
As Escrow Agent**

By: \_\_\_\_\_  
Name: Edward Solomon  
Title: Assistant Treasurer

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**CHARTER TOWNSHIP OF YPSILANTI**

By: *Doreen Stroud* *Kathy Paul*  
Name: *Doreen L. Stroud* / *Karen Lasky Koe*  
Title: *Supervisor* / *Clerk*  
*December 19, 2018*

EXHIBIT A-1

Form of Request for Disbursement to Seller

JPMorgan Chase Bank, N.A., Escrow Services  
10 South Dearborn, 44<sup>th</sup> Floor  
Mail Code IL1-0113  
Chicago, IL 60603  
Attn: Myra Lagtapon  
Fax Number: (312) 954-0430  
Email: mw.escrow@jpmorgan.com

Date:

**Re: [Name of Parties] – Escrow Agreement dated [       ] |**  
**Escrow Account no. [       ]**

**Dear Sir/Madam:**

We refer to an amended and restated escrow agreement dated [       ] among DTE Electric Company (the “Company”), The Charter Township of Ypsilanti (the “Seller”) and JPMorgan Chase Bank, N.A., as Escrow Agent (the “Escrow Agreement”). This represents Request for Disbursement to Seller No. \_\_\_\_ in the amount of \$ \_\_\_\_\_ pursuant to Section 7.2 of the Agreement (as defined in the Escrow Agreement).

A copy of the calculations which establish the Seller’s right under Section 7.2 of the Agreement to withdraw the above amount from the Fund is attached hereto.

Capitalized terms in this letter that are not otherwise defined shall have the same meaning given to them in the Escrow Agreement.

The Seller and Company instruct Escrow Agent to release the Fund, or the portion specified below, to the specified party as instructed below.

Amount  
(In writing)  
Beneficiary  
City  
Country

**US Instructions:**

Bank                   Huntington National Bank  
Bank address   PO Box 1558 EA1W37, Columbus, OH 43216-1558  
ABA Number:   044000024  
Credit A/C Name: Charter Township of Ypsilanti- Receiving Account  
Credit A/C #:   01381884148  
Credit A/C Address:  
If Applicable:  
    FFC A/C Name:  
    FFC A/C #:  
    FFC A/C Address:

**International Instructions:**

Bank Name:  
Bank Address  
SWIFT Code:  
US Pay Through ABA:  
Credit A/C Name:  
Credit A/C # (IBAN #):  
Credit A/C Address:

If Applicable:

FFC A/C Name:

FFC A/C # (IBAN #):

FFC A/C Address:

**FOR AND ON BEHALF OF SELLER:**

THE CHARTER TOWNSHIP OF YPSILANTI

By: *Brenda L. Stumbo / Karen Wojcicki*  
 Name: *Brenda L. Stumbo / Karen Wojcicki*  
 Date: *December 19, 2018*  
 Title: *Supervisor / Clerk*

**FOR AND ON BEHALF OF COMPANY:**

DTE ELECTRIC COMPANY

By: \_\_\_\_\_  
 Name:  
 Date:  
 Title:

EXHIBITA-2

Form of Request for Disbursement to Company

[Date]

JPMorgan Chase Bank, N.A., Escrow Services  
10 South Dearborn, 44<sup>th</sup> Floor  
Mail Code IL1-0113  
Chicago, IL 60603  
Attn: Myra Lagtapon  
Fax Number: (312) 954-0430  
Email: mw.escrow@jpmorgan.com

Re: [Name of Parties] – Escrow Agreement dated [ ]  
Escrow Account no. [ ]

Dear Sir/Madam:

We refer to an amended and restated escrow agreement dated [ ] among DTE Electric Company (the “Company”), Charter Township of Ypsilanti (the “Seller”) and JPMorgan Chase Bank, N.A., as Escrow Agent (the “Escrow Agreement”). This represents Request for Disbursement to Company No. \_\_\_ in the amount of \$ \_\_\_\_\_ pursuant to Section [7.3] or [7.4] of the Agreement (as defined in the Escrow Agreement).

The Company hereby certifies that:

[IF PURSANT TO SECTION 7.4]

1. The Agreement has been canceled or terminated in accordance of the provisions of the Agreement. The Company has given such notices of default to the Seller as may be required and the cure periods, if any, have expired without cure by the Seller.
2. The total amount of the Fund shall be paid to the Company.

[IF PURSANT TO SECTION 7.3]

3. The above amount is the amount of a refund required to be paid to the Company under Section 7.3 of the Agreement.

Capitalized terms in this letter that are not otherwise defined shall have the same meaning given to them in the Escrow Agreement.

The Company instructs the Escrow Agent to release the Fund, or the portion specified below, to the specified party as instructed below.

Amount  
(In writing)  
Beneficiary  
City  
Country

**US Instructions:**

Bank JPMorgan Chase  
Bank address 611 Woodward Ave, Detroit MI 48226  
ABA Number: wire 021000021

Ach 072000326

Credit A/C Name: DTE Electric Co

Credit A/C #: 1102823

Credit A/C Address: One Energy Plaza, Detroit MI 48226

If Applicable:

FFC A/C Name:

FFC A/C #:

FFC A/C Address:

**International Instructions:**

Bank Name:

Bank Address

SWIFT Code:

US Pay Through ABA:

Credit A/C Name:

Credit A/C # (IBAN #):

Credit A/C Address:

If Applicable:

FFC A/C Name:

FFC A/C # (IBAN #):

FFC A/C Address:

**FOR AND ON BEHALF OF COMPANY:**

DTE ELECTRIC COMPANY

By: \_\_\_\_\_

Name: Edward Solomon

Title: Assistant Treasurer

Date: \_\_\_\_\_

**EXHIBIT B**

**Original Escrow Agreement**

**Schedule 1-A**

**DTE ELECTRIC COMPANY**

**DESIGNATION OF AUTHORIZED REPRESENTATIVES**

The undersigned, Edward Solomon, being the duly elected, qualified and acting Assistant Treasurer of DTE ELECTRIC COMPANY ("Company"), does hereby certify:

1. That each of the following representatives is at the date hereof an Authorized Representative, as such term is defined in the Amended and Restated Escrow Agreement, dated December 19, 2018, by and among the Company, the Seller and Escrow Agent (the "Escrow Agreement"), that the signature appearing opposite each Authorized Representative's name is the true and genuine signature of such Authorized Representative, and that each Authorized Representative's contact information is current and up-to-date at the date hereof. Each of the Authorized Representatives is authorized to issue instructions, confirm funds transfer instructions by callback or email confirmation and effect changes in Authorized Representatives, all in accordance with the terms of the Escrow Agreement. Callbacks or emails confirming an instruction shall be made to an Authorized Representative other than the Authorized Representative who issued the instruction unless (a) only a single Authorized Representative is designated below, (b) the information set forth below changes and is not updated by the Company such that only the Authorized Representative who issued the instruction is available to receive a callback or email confirmation, or (c) the Company is an individual. The Company acknowledges that pursuant to this Schedule, Escrow Agent is offering an option for callback or email confirmation to a different Authorized Representative, and if the Company nevertheless names only a single Authorized Representative or fails to update Authorized Representative information, the Company agrees to be bound by any instruction, whether or not authorized, confirmed by callback or email confirmation to the issuer of the instruction.

NAME	SIGNATURE	TELEPHONE, CELL NUMBER and EMAIL ADDRESS
Edward Solomon	_____	(ph) 313-235-1897 (cell) 734-657-9044 (email) edward.solomon@dteenergy.com
Kenneth Bridge	_____	(ph) 313-235-9995 (cell) 734-838-7610 (email) kenneth.bridge@dteenergy.com
Angela Buk	_____	(ph) 313-235-1662 (cell) 586-854-7116 (email) angela.buk@dteenergy.com

2. Email confirmation is only permitted to a corporate email address for purposes of this Schedule. Any personal email addresses provided will not be used for email confirmation.
3. This Schedule may be signed in counterparts and the undersigned certifies that any signature set forth on an attachment to this Schedule is the true and genuine signature of an Authorized Representative and that each such Authorized Representative's contact information is current and up-to-date at the date hereof.
4. That pursuant to the Company's governing documents, as amended, the undersigned has the power and authority to execute this Designation on behalf of the Company, and that the undersigned has so executed this Designation this 14th day of December, 2018.
5. Notwithstanding the above, if the Company is an individual, no signature will be required below.

Signature: \_\_\_\_\_

Name: Edward Solomon

Title: Assistant Treasurer

**FOR YOUR SECURITY, PLEASE CROSS OUT ALL UNUSED SIGNATURE LINES ON THIS SCHEDULE 1-A**

All instructions, including but not limited to funds transfer instructions, whether transmitted by facsimile or set forth in a PDF attached to an email, must include the signature (or electronic signature subject to the conditions set forth in the Escrow Agreement) of the Authorized Representative authorizing said funds transfer on behalf of such Party.



Schedule 1-B

THE CHARTER TOWNSHIP OF YPSILANTI

DESIGNATION OF AUTHORIZED REPRESENTATIVES

The undersigned, Brenda Stumbo/Karalove, as Doe being the duly elected, qualified and acting on behalf of The Charter Township of Ypsilanti ("Seller"), does hereby certify:

- 1. That each of the following representatives is at the date hereof an Authorized Representative, as such term is defined in the Amended and Restated Escrow Agreement, dated Dec. 19, 2018 by and among the Company, the Seller and Escrow Agent (the "Escrow Agreement"), that the signature appearing opposite each Authorized Representative's name is the true and genuine signature of such Authorized Representative, and that each Authorized Representative's contact information is current and up-to-date at the date hereof. Each of the Authorized Representatives is authorized to issue instructions, confirm funds transfer instructions by callback or email confirmation and effect changes in Authorized Representatives, all in accordance with the terms of the Escrow Agreement. Callbacks or emails confirming an instruction shall be made to an Authorized Representative other than the Authorized Representative who issued the instruction unless (a) only a single Authorized Representative is designated below, (b) the information set forth below changes and is not updated by the Seller such that only the Authorized Representative who issued the instruction is available to receive a callback or email confirmation, or (c) the Seller is an individual. The Seller acknowledges that pursuant to this Schedule, Escrow Agent is offering an option for callback or email confirmation to a different Authorized Representative, and if the Seller nevertheless names only a single Authorized Representative or fails to update Authorized Representative information, the Seller agrees to be bound by any instruction, whether or not authorized, confirmed by callback or email confirmation to the issuer of the instruction.

NAME SIGNATURE TELEPHONE, CELL NUMBER and EMAIL ADDRESS

Table with 3 columns: NAME, SIGNATURE, TELEPHONE, CELL NUMBER and EMAIL ADDRESS. Rows include Larry Doe, Javonna Neel, and Michael Saranen with their respective signatures and contact information.

- 2. Email confirmation is only permitted to a corporate email address for purposes of this Schedule. Any personal email addresses provided will not be used for email confirmation.
3. This Schedule may be signed in counterparts and the undersigned certifies that any signature set forth on an attachment to this Schedule is the true and genuine signature of an Authorized Representative and that each such Authorized Representative's contact information is current and up-to-date at the date hereof.
4. That pursuant to the Seller's governing documents, as amended, the undersigned has the power and authority to execute this Designation on behalf of the Seller, and that the undersigned has so executed this Designation this 19 day of Dec, 2018
5. Notwithstanding the above, if the Seller is an individual, no signature will be required below.

Signature: Brenda L. Stumbo / Karen Lovejoy Roe  
Name: Brenda L. Stumbo / Karen Lovejoy Roe  
Title: Supervisor / Clerk  
Dec. 19, 2018

**FOR YOUR SECURITY, PLEASE CROSS OUT ALL UNUSED SIGNATURE LINES ON THIS  
SCHEDULE 1-B**

All instructions, including but not limited to funds transfer instructions, whether transmitted by facsimile or set forth in a PDF attached to an email, must include the signature (or electronic signature subject to the conditions set forth in the Escrow Agreement) of the Authorized Representative authorizing said funds transfer on behalf of such Party.

## SCHEDULE 2

# J.P.Morgan

## Schedule of Fees and Disclosures for Escrow Agent Services

**Account Acceptance Fee** . . . . . Waived

Encompassing review, negotiation and execution of governing documentation, opening of the account, and completion of all due diligence documentation. Payable upon closing.

**Annual Administration Fee** . . . . . \$3,500

The Administration Fee covers our usual and customary ministerial duties, including record keeping, distributions, document compliance and such other duties and responsibilities expressly set forth in the governing documents for each transaction. Payable upon closing and annually in advance thereafter, without pro-ratio for partial years.

**Extraordinary Services and Out-of-Pocket Expenses:** Escrow Agent or any of its affiliates may receive compensation with respect to any Alternative Investment directed hereunder including without limitation charging any applicable agency fee or trade execution fee in connection with each transaction. Any additional services beyond our standard services as specified above, and all reasonable out-of-pocket expenses including attorney's or accountant's fees and expenses will be considered extraordinary services for which related costs, transaction charges, and additional fees will be billed at Escrow Agent's then standard rate. Escrow Agent may impose, charge, pass-through and modify fees and/or charges for any account established and services provided by Escrow Agent, including but not limited to, transaction, maintenance, balance-deficiency, and service fees, agency or trade execution fees, and other charges, including those levied by any governmental authority.

**Fee Disclosure & Assumptions:** Please note that the fees quoted are based on a review of the transaction documents provided and an internal due diligence review, and assumes the escrow deposit will be continuously invested in [a MMMF]. Escrow Agent reserves the right to revise, modify, change and supplement the fees quoted herein if the assumptions underlying the activity in the account, level of balances, market volatility or other factors change from those used to set the fees described herein.

Payment of the invoice is due upon receipt.

### Disclosures and Agreements

**Taxes.** The Parties shall duly complete such tax documentation or other procedural formalities necessary for Escrow Agent to complete required tax reporting and for the relevant Party to receive interest or other income without withholding or deduction of tax in any jurisdiction. Should any information supplied in such tax documentation change, the Parties shall promptly notify Escrow Agent. Escrow Agent shall withhold any taxes it deems appropriate in the absence of proper tax documentation or as required by law, including without limitation, the Foreign Account Tax Compliance Act ("FATCA"), and shall remit such taxes to the appropriate authorities.

**Representations Relating to Section 15B of the Securities Exchange Act of 1934 (Rule 15Ba1-1 et seq.) (the "Municipal Advisor Rule").** Each Party represents and warrants to Escrow Agent that for purposes of the Municipal Advisor Rules, none of the funds (if any) currently invested, or that will be invested in the future, in money market funds, commercial paper or treasury bills under this Escrow Agreement constitute or contain (i) proceeds of municipal securities (including investment income therefrom and monies pledged or otherwise legally dedicated to serve as collateral or a source or repayment for such securities) or (ii) municipal escrow investments (as each such term is defined in the Municipal Advisor Rule). Each Party also represents and warrants to Escrow Agent that the person providing this certification has access to the appropriate information or has direct knowledge of the source of the funds to be invested to enable the forgoing representation to be made. Further, each Party acknowledges that Escrow Agent will rely on this representation until notified in writing otherwise.

**Patriot Act Disclosure.** Section 326 of the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001 ("USA PATRIOT Act") requires Escrow Agent to implement reasonable procedures to verify the identity of any person that opens a new account with it. Accordingly, the Parties acknowledge that Section 326 of the USA PATRIOT Act and Escrow Agent's identity verification procedures require Escrow Agent to obtain information which may be used to confirm the Parties' identity including without limitation name, address and organizational documents ("identifying information"). The Parties agree to provide Escrow Agent with and consent to Escrow Agent obtaining from third parties any such identifying information required as a condition of opening an account with or using any service provided by Escrow Agent.

**OFAC Disclosure.** Escrow Agent is required to act in accordance with the laws and regulations of various jurisdictions relating to the prevention of money laundering and the implementation of sanctions, including but not limited to regulations issued by the U.S. Office of Foreign Assets Control. Escrow Agent is not obligated to execute payment orders or effect any other transaction where the beneficiary or other payee is a person or entity with whom Escrow Agent is prohibited from doing business by any law or regulation applicable to Escrow Agent, or in any case where compliance would, in Escrow Agent's opinion, conflict with applicable law or banking practice or its own policies and procedures. Where Escrow Agent does not execute a payment order or effect a transaction for such reasons, Escrow Agent may take any action required by any law or regulation applicable to Escrow Agent including, without limitation, freezing or blocking funds. Transaction screening may result in delays in the posting of transactions.

**Abandoned Property.** Escrow Agent is required to act in accordance with the laws and regulations of various states relating to abandoned property, escheatment or similar law and, accordingly, shall be entitled to remit dormant funds to any state as abandoned property in accordance with such

laws and regulations. Without limitation of the foregoing, notwithstanding any instruction to the contrary, Escrow Agent shall not be liable to any Party for any amount disbursed from an account maintained under this Escrow Agreement to a governmental entity or public official in compliance with any applicable abandoned property, escheatment or similar law.

**Information.** The Parties authorize Escrow Agent to disclose information with respect to this Escrow Agreement and the account(s) established hereunder, the Parties, or any transaction hereunder if such disclosure is: (i) necessary in Escrow Agent's opinion, for the purpose of allowing Escrow Agent to perform its duties and to exercise its powers and rights hereunder or for compliance with legal, tax and regulatory requirements, including, without limitation, FATCA; (ii) to a proposed assignee of the rights of Escrow Agent; (iii) to a branch, affiliate, subsidiary, employee or agent of Escrow Agent or to their auditors, regulators or legal advisers or to any competent court; (iv) to the auditors of any of the Parties; or (v) required by applicable law, regardless of whether the disclosure is made in the country in which each Party resides, in which the Escrow Account is maintained, or in which the transaction is conducted. The Parties agree that such disclosures by Escrow Agent and its affiliates may be transmitted across national boundaries and through networks, including those owned by third parties.

**Foreign Exchange.** If Escrow Agent accepts a funds transfer instruction under this Escrow Agreement for payment in a currency (the "Non-Account Currency") other than the currency of the account (the "Account Currency"), Escrow Agent is authorized to enter into a foreign exchange transaction to sell to the Party or Parties the amount of Non-Account Currency required to complete the funds transfer and debit the account for the purchase price of the Non-Account Currency. If Escrow Agent accepts payment to the account in a Non-Account Currency, Escrow Agent is authorized to purchase the Non-Account Currency from the Party or Parties, and to credit the purchase price to the account in lieu of the Non-Account Currency. The purchase price for the foregoing transactions shall be at a rate and spread as Escrow Agent determines in its discretion and may differ from rates at which comparable transactions are entered into with other customers or the range of foreign exchange rates at which Escrow Agent otherwise enters into foreign exchange transactions on the relevant date. Further, (i) Escrow Agent has full discretion to execute such foreign exchange transactions in such manner as Escrow Agent determines in its sole discretion and (ii) Escrow Agent may manage the associated risks of Escrow Agent's own position in the market in a manner it deems appropriate without regard to the impact of such activities on the Parties. Imbedded within the applicable foreign exchange rate or otherwise generated in connection with Escrow Agent's execution of any such transaction or management of its risk related thereto may be a profit to Escrow Agent. Any such foreign exchange transaction will be between Escrow Agent and a Party or Parties as principals, and Escrow Agent will not be acting as agent or fiduciary for the Parties.

**Acknowledgment of Compensation and Multiple Roles.** Escrow Agent is authorized to act under this Escrow Agreement notwithstanding that Escrow Agent or any of its subsidiaries or affiliates (such subsidiaries and affiliates hereafter individually called an "Affiliate" and collectively called "Affiliates") may (A) receive fees or derive earnings (float) as a result of providing an investment product or account on the books of Escrow Agent pursuant to this Escrow Agreement or for providing services or referrals with respect to investment products, or (B) (i) act in the same transaction in multiple capacities, (ii) engage in other transactions or relationships with the same entities to which Escrow Agent may be providing escrow or other services under this Escrow Agreement (iii) refer clients to an Affiliate for services or (iv) enter into agreements under which referrals of escrow or related transactions are provided to Escrow Agent. JPMorgan Chase Bank, N.A. may earn compensation from any of these activities in addition to the fees charged for services under this Escrow Agreement.

**THE FOLLOWING DISCLOSURES ARE REQUIRED TO BE PROVIDED UNDER APPLICABLE U.S. REGULATIONS, INCLUDING, BUT NOT LIMITED TO, FEDERAL RESERVE REGULATION D. WHERE SPECIFIC INVESTMENTS ARE NOTED BELOW, THE DISCLOSURES APPLY ONLY TO THOSE INVESTMENTS AND NOT TO ANY OTHER INVESTMENT.**

**Demand Deposit Account Disclosure.** Escrow Agent is authorized, for regulatory reporting and internal accounting purposes, to divide an escrow demand deposit account maintained in the U.S. in which the Fund is held into a non-interest bearing demand deposit internal account and a non-interest bearing savings internal account, and to transfer funds on a daily basis between these internal accounts on Escrow Agent's general ledger in accordance with U.S. law at no cost to the Parties. Escrow Agent will record the internal accounts and any transfers between them on Escrow Agent's books and records only. The internal accounts and any transfers between them will not affect the Fund, any investment or disposition of the Fund, use of the escrow demand deposit account or any other activities under this Escrow Agreement, except as described herein. Escrow Agent will establish a target balance for the demand deposit internal account, which may change at any time. To the extent funds in the demand deposit internal account exceed the target balance, the excess will be transferred to the savings internal account, unless the maximum number of transfers from the savings internal account for that calendar month or statement cycle has already occurred. If withdrawals from the demand deposit internal account exceeds the available balance in the demand deposit internal account, funds from the savings internal account will be transferred to the demand deposit internal account up to the entire balance of available funds in the savings internal account to cover the shortfall and to replenish any target balance that Escrow Agent has established for the demand deposit internal account. If a sixth transfer is needed during a calendar month or statement cycle, it will be for the entire balance in the savings internal account, and such funds will remain in the demand deposit internal account for the remainder of the calendar month or statement cycle.

**MMDA Disclosure and Agreement.** If MMDA is the investment for the escrow deposit as set forth above or anytime in the future, the Parties acknowledge and agree that U.S. law limits the number of pre-authorized or automatic transfers or withdrawals or telephonic/electronic instructions that can be made from an MMDA to a total of six (6) per calendar month or statement cycle or similar period. Escrow Agent is required by U.S. law to reserve the right to require at least seven (7) days' notice prior to a withdrawal from a money market deposit account.

**Unlawful Internet Gambling.** The use of any account to conduct transactions (including, without limitation, the acceptance or receipt of funds through an electronic funds transfer, or by check, draft or similar instrument, or the proceeds of any of the foregoing) that are related, directly or indirectly, to unlawful Internet gambling is strictly prohibited.

**Use of Electronic Records and Signatures.** As used in this Escrow Agreement, the terms "writing" and "written" include electronic records, and the terms "execute", "signed" and "signature" include the use of electronic signatures. Notwithstanding any other provision of this Escrow Agreement or the attached Exhibits, any electronic signature that is presented as the signature of the purported signer, regardless of the appearance or form of such electronic signature, may be deemed genuine by Escrow Agent in Escrow Agent's sole discretion, and such electronic signature shall be of the same legal effect, validity and enforceability as a manually executed, original, wet-inked signature; provided, however, that any such electronic signature must be an actual and not a typed signature. Any electronically signed agreement shall be an "electronic record" established in the ordinary course of business and any copy shall constitute an original for all purposes. The terms "electronic signature" and "electronic record" shall have the meanings ascribed to them in 15 USC § 7006. This Escrow Agreement and any instruction or other document furnished hereunder may be transmitted by facsimile or as a PDF file attached to an email.

**SCHEDULE 3**  
**Money Market Mutual Fund Terms – Escrow**

Customer Name: The Charter Township of Ypsilanti

Escrow Account Number(s): 304824313

Investment Sweep [Fund Complex Fund None, Share Class]: JPMorgan U. S. Treasury Money Market Fund – Morgan Shares

Escrow Agreement Date:

Type of Sweep (End of Day/Intraday): End of Day

This disclosure confirms that JPMorgan Chase Bank, N.A. (“JPMorgan” or the “Bank”) is authorized and directed to “sweep” on an ongoing basis funds in the above-referenced account(s) covered by the escrow agreement identified above (“Escrow Agreement” and such account the “DDA”), until JPMorgan is advised in writing to the contrary, to the above-referenced JPMorgan U. S. Treasury Money Market Fund – Morgan Shares (the “Sweep Service” and the entity or person receiving the Sweep Service, the “Customer”), in accordance with the terms of this Schedule 3 (together with the annex attached hereto, the “Schedule”):

The Customer has directed JPMorgan as its agent to invest in the Fund(s) identified above (the “Fund” or “Funds”). In the event of any conflict between the terms of this Schedule and the terms of the Escrow Agreement, the terms of this Schedule shall prevail. The Bank will maintain, for the Customer investment, an account on the books of the Fund or Funds for the purchase of shares (the “Shares”) in the Funds in the name of the Customer or in the name of JPMorgan Chase Bank, N.A. for the benefit of itself and its Customer or similar title (the “Fund Account”) (“Investment Vehicle”).

- 1. Intraday Money Market Fund Sweeps.** If the Customer has selected an Intraday Money Market Fund Sweep as the Investment Vehicle, the provisions of this Section shall apply in addition to the provisions of Sections 3 through 7.

The Bank, on each business day on which the Bank is open to the public for substantially all banking services and the Fund companies are open (a “Business Day”), at a time prior to the cut off time for investment into the Fund, will assess the balance in the DDA, then the amount of the balance (“Sweep Balance”) will be debited from the DDA and will be invested in Shares. The Shares purchased shall be recorded in the Fund Account. For Intraday Sweep Customers, the Bank’s cutoff time will be one hour before the Fund cutoff time.

- 2. End of Day Money Market Fund Sweeps.** If the Customer has selected an End of Day Money Market Fund Sweep as the Investment Vehicle, the provisions of this Section shall apply in addition to the provisions of Sections 3 through 7.

The Bank, at the end of each business day on which the Bank is open to the public for substantially all banking services and the Fund companies are open (a “Business Day”) will automatically debit the DDA and transfer to the Fund an amount equal to the available balance in the DDA (“Sweep Balance”), for the purchase of Shares. The Shares purchased shall be recorded in the Fund Account. The Bank, on the succeeding Business Day, will send a redemption order to the Fund for the Sweep Balance and credit the DDA, provisionally or otherwise, for the amount or anticipated amount, as applicable, of the redemption order (“Credit”). If, for any reason, the amount of the Credit is determined to have exceeded the net asset value of the redeemed Fund shares or if the Fund suspends redemptions on the day that the Credit is granted, the Customer hereby authorizes and directs the Bank, in its discretion, to immediately debit the DDA for an amount up to and including the full amount of the Credit. The Bank may debit the DDA even though such debit may bring about or increase an overdraft.

**3. Money Market Fund Sweep Related Terms.** The Customer acknowledges and agrees that:

- (a) The Sweep Service and the Investment Vehicle shall be subject to, as applicable, the terms and conditions of (i) this Schedule, (ii) the prospectus for the Fund (the "Prospectus") and the application for the Fund (the "Fund Application"), each as amended from time to time; and (iii) the Statement of Additional Information for the Fund (the "SAI"), as may be amended from time to time, and such further conditions as the Bank or the Fund impose and make known to the Customer from time to time; each of the items in clauses (i) and (ii) of which the Customer has received and reviewed. The Prospectus sets forth the Fund's fees and expenses applicable to the Customer purchase of Shares. The Customer acknowledges that it is relying solely on the representations contained in the relevant Prospectus and SAI for the purpose of making its investments.
- (b) The Customer: (i) consents to receiving all information from the Bank, including without limitation, the Prospectus and the SAI (and the Key Investor Information Document ("KIID"), if applicable) and proxy materials, via electronic means; (ii) acknowledges that it is able to open and read all such communications; (iii) has received, reviewed and understands the current Prospectus (and KIID, if applicable), which contains information about the Fund, including management fees and fund expenses paid by the Fund; and (iv) consents to having its sweep statements delivered by electronic means including the internet.
- (c) Investment Minimums; Rebalancing
  - (i) Pursuant to the Customer's direction, the Bank, will invest the Sweep Balance of the Customer in a particular share class as first stated above.
    - (a) Intraday Sweep – For JPMorgan Funds, the investment minimum is based upon the Fund's Prospectus, for all other Funds, the investment minimum is based upon the Fund's Prospectus or as limited by the Fund's share classes made available on the platform.
    - (b) End of Day Sweep – The investment minimum is based upon the Fund's Prospectus.
  - (ii) The Bank, from time to time, may review the Customer's Sweep Balance to determine whether they are in line with the threshold amounts stated in the Fund's Prospectus. In the event that the Bank concludes that they are not, the Bank is authorized to invest the Customer's Sweep Balance, in the appropriate share class based on the Fund Prospectus minimums for the Sweep Service, upon notice to the Customer.
- (d) The Bank receives compensation from the Fund, its investment adviser and/or the Fund's distributor for providing services as described in the Prospectus and/or the SAI, which may include, but not be limited to, shareholder servicing and 12b-1 fees as described in the Prospectus and SAI; and fees paid by the investment adviser which range from 0 to 10 basis points depending on the share class, calculated as a percentage of its Customer's assets invested in the Fund ("Revenue Share Payments"). The amount of compensation received by the Bank with regard to a given investment in the Fund generally will be greater in the case of an investment in a share classes with a higher expense ratio. Revenue Share Payments are negotiated separately with each fund family and not all fund families pay the same amount or pay according to the same formula. There may be, therefore, a potential conflict of interest in the form of an additional financial incentive to the Bank for making available to customers mutual funds whose affiliates enter into revenue sharing arrangements. Funds whose affiliates do not make such Revenue Share Payments to the Bank are generally not offered by the Bank, and, in some cases, have higher returns or yields than funds whose affiliates do make Revenue Share Payments.
- (e) The compensation discussed in Section 3(d) above is distinct from the express fees the Bank charges the Customer for trust, agency, escrow, custody or cash management services, including the Bank's express sweep fee which may be imposed from time to time, (either related or unrelated to the Sweep Service). Such compensation is also distinct from the express fees the Bank may receive from the Fund for acting as custodian and securities lending agent to the Fund and from the express fees the Bank and/or its affiliates may receive for acting as the Fund's investment adviser, administrator, distributor, shareholder servicing agent, transfer agent, fund accountant or providing other services to the Fund as more fully described in the Prospectus and/or SAI.
- (f) Affiliates of the Bank provide services to the Fund(s) and receive fees from the Fund(s) for such services as described in the Prospectus, including acting as investment advisor, administrator, custodian, distributor and shareholder servicing agent, and the Bank may receive fees from its affiliates for providing services to the Bank's customers that invest in the Fund(s).

- (g) THE CUSTOMER WAS NOT OFFERED ANY INVESTMENT, TAX OR ACCOUNTING ADVICE OR RECOMMENDATION ON INVESTING IN THE FUND BY THE BANK OR ITS AFFILIATES, AND FURTHER: (I) NO INVESTMENT ACCOUNT ESTABLISHED WITH RESPECT TO THE FUND(S) OR FUND ACCOUNT IS A BANK DEPOSIT AND NONE OF SUCH ACCOUNT(S) OR SHARES ARE INSURED BY THE FEDERAL DEPOSIT INSURANCE CORPORATION (THE "FDIC") OR ANY OTHER GOVERNMENT AGENCY; (II) SHARES IN THE FUND(S) ARE NOT THE OBLIGATIONS OF, AND ARE NOT GUARANTEED BY, THE BANK OR THE U.S. GOVERNMENT OR ANY STATE GOVERNMENT OR ANY UNIT OR AGENCY THEREOF; (III) FOR FUNDS THAT SEEK TO MAINTAIN A STABLE NET ASSET VALUE PER SHARE (I.E., "GOVERNMENT FUNDS" AS DEFINED IN ANNEX I), THERE IS NO ASSURANCE THAT THE FUND WILL BE ABLE TO MAINTAIN A STABLE NET ASSET VALUE OF \$1.00 PER SHARE AND THAT INVESTMENTS IN MUTUAL FUNDS INVOLVE RISK, INCLUDING POSSIBLE LOSS OF PRINCIPAL AND, FOR "INSTITUTIONAL FUNDS" (AS DEFINED IN ANNEX I), BECAUSE THE SHARE PRICE OF THE FUND WILL FLUCTUATE, THE SHARES MAY BE WORTH MORE OR LESS THAN WHAT THE CUSTOMER ORIGINALLY PAID FOR THEM; (IV) THE CUSTOMER HAS MADE ITS OWN INDEPENDENT INVESTMENT ASSESSMENT AS TO THE SUITABILITY AND APPROPRIATENESS OF THE SWEEP SERVICE AND THE INVESTMENTS HEREUNDER FOR THE NEEDS AND REQUIREMENTS OF ITS BUSINESS AND CONSULTED ITS OWN FINANCIAL, LEGAL, TAX OR OTHER ADVISORS, AND ASSUMES ALL RISK OF LOSS RESULTING FROM ANY DECISION IT MAKES TO PURCHASE, EXCHANGE OR SELL SHARES, OR TO AUTHORIZE THE SAME ON ITS BEHALF; AND (V) THE CUSTOMER IS NOT SUBJECT TO BACKUP WITHHOLDING.
- (h) The Customer has no right to demand delivery or transfer of Shares purchased for it hereunder, but the Bank may deliver such Shares to Customer in discharge hereof if redemption is precluded. In the normal course, redemption proceeds, including any interest or dividends, will be deposited in the applicable DDA upon receipt from the Fund. Dividends will be posted to the applicable DDA when received by the Bank. Since Fund interest or dividends are paid monthly, although accrued daily, such interest dividends will actually be credited to Customer once a month, in arrears. The calculation method for interest or dividends is disclosed in the Prospectus and SAI.
- (h) **Setoff.** The Customer understands that the Bank may from time to time, at its sole discretion, advance funds to facilitate the settlement of transactions in securities, other transactions involving securities or the administration of the Customer Account(s), including but not limited to, the purchase and redemption of money market fund shares. The Customer acknowledges and agrees that, without prejudice to the Bank's rights under applicable law and under the Account Documentation, the Bank shall have the right, without contacting the Customer, to act on its own or to instruct any Bank affiliate through or at which the Customer holds any securities, including any securities owned by the Customer as a result of transactions that are related to this Escrow Agreement, to sell any or all such securities and set-off in an amount sufficient to cover all amounts owing to the Bank, including, without limitation, any overdraft amounts, interest, fees or other charges. The Bank or the Bank's affiliates may choose which securities to sell and the process related to such transactions, and such actions may have adverse tax, investment and/or other implications.
- (i) Transactions involving the Fund will be reflected on the Customer's statement.
- (j) The Bank reserves the right, in its sole discretion: (i) to suspend the Sweep Service on any given day; or (ii) to limit the amount of the Sweep Balance actually transferred to the Fund, and, such limits may vary between DDAs and between Customers. To the extent the Customer expects a significant increase or decrease in the level of available balances in the DDA, the Customer will notify its client service representative at the Bank, prior to the increase or decrease in order to reduce the possibility that the Sweep Balance, or parts thereof, remain in the DDA. The Customer will receive earnings credits for any Sweep Balance, or parts thereof, remaining in the DDA, and will be responsible for any overdrafts that occur if a redemption order is not completed or balances are not returned to the DDA. In the event the Fund fails to fund a redemption or fails to meet any of its other obligations to the Customer, the Customer's recourse for such failure is to the Fund.
- (k) The Bank shall not be liable for errors or delays in transmission of orders for purchase or redemption of Shares sent from the Bank to the Fund or to the Fund's distributor. All claims for adjustments shall be made by the Customer within ninety (90) days of the corresponding account statement or be waived.
- (l) The Bank may amend this Schedule at any time in any respect effective upon written notice to Customer.

- (m) **Additional Money Market Fund Reform Terms and Money Market Fund Reform Disclosures.** The Customer acknowledges that it has received, reviewed and understands the current Fund Prospectus and the Additional Money Market Fund Reform Disclosures attached hereto as Annex I and agrees to be bound by the provisions set forth therein and in addition, the Customer acknowledges and agrees that the following terms will apply to its investment in Funds:
- i. **Floating Net Asset Value (“FNAV”).** The Customer acknowledges that an “Institutional Fund” (as defined in Annex I) is now going to be subject to a FNAV and priced to the nearest basis point (e.g., \$1.0000), which may result in a gain or loss on investment when redemptions are processed and may result in a capital gain or loss for the Customer. The Customer should refer to the Institutional Fund’s Prospectus and SAI for additional information regarding the tax implications of investing in the Fund.
  - ii. **Liquidity Fee.** If a Fund imposes a liquidity fee on the redemption of Fund Shares:
    - a. The Bank will execute all scheduled redemption orders of Fund Shares when the Fund has imposed a liquidity fee (provided that the Fund is accepting redemption orders at such time), even though the fee will be deducted from the redemption proceeds and will reduce the amount actually received by the Customer.
    - b. The Customer agrees that after a Fund has imposed a liquidity fee, the Bank may, in its discretion, determine to no longer offer that particular Fund in the future.
  - iii. **Redemption Gate.** If a Fund imposes a redemption gate:
    - a. The Customer understands that (i) it may not receive redemption proceeds for a pre-determined period of time (up to regulatory limits) in the Fund’s discretion and (ii) the Net Asset Value (“NAV”) of the Fund Shares may fluctuate during the time period that the redemption gate is in effect.
    - b. The Customer agrees that when the Fund has imposed a redemption gate, (i) the Bank will not execute purchase orders of Fund Shares and (ii) Bank may, in its discretion, determine to no longer offer that particular Fund in the future.
  - iv. **Multiple NAV Calculations.** The Customer acknowledges that an Institutional Fund may calculate its NAV multiple times per business day, as set forth in the Fund’s Prospectus and SAI. In all cases, the Customer will receive the NAV per share next calculated after the Fund (or its designee) receives and accepts the order from the Bank.
    - 1. For End of Day Sweep Customers, the Bank will submit all Customer purchase orders to the Fund on or before the Fund’s last NAV calculation time of the business day and the Bank will submit all Customer redemption orders to the Fund on or before the Fund’s first NAV calculation time of the following business day.
    - 2. For Intraday Sweep Customers, the Bank will submit all Customer purchase and redemption orders to the Fund on or before the Fund’s last NAV calculation time of the business day.
  - v. **New Investment Cutoff Times.** The Customer acknowledges that Institutional Funds may have new trade cutoff times that may be earlier than previously set by the Fund. For Intraday Sweep Customers, the Bank’s cutoff time will be one hour before the Fund cutoff time.
- (n) **Required FDIC Disclosures. For Intraday Sweeps to JPMorgan Funds:**



In the event of a failure of the Bank, balances swept to a Fund, as reflected on the Bank's end-of-day ledger balance, would not be considered deposits by the Federal Deposit Insurance Corporation (the "FDIC"). However, the FDIC would treat the Customer's swept funds in one of two ways: (a) if the failed Bank's assets were transferred to an acquiring institution, the swept funds would be returned back into the Customer's DDA on the Business Day following the failure of the Bank; or (b) if the failed Bank will be dissolved, the Customer would receive a check or other payment from the FDIC to reacquire the Customer's allotted interest in the Fund in accordance with the FDIC's normal procedures.

**(o) Required FDIC Disclosures. For Intraday Sweeps to Funds other than JPMorgan Funds:**

In the event of a failure of the Bank, funds swept to a Fund (whether the sweep actually occurs will depend on the transaction cut-off time used by the FDIC), as reflected on the Bank's end-of-day ledger balance, would not be considered deposits by the FDIC. However, the FDIC would treat the Customer's swept funds in one of two ways: (a) if the failed Bank's assets were transferred to an acquiring institution, the swept funds would be returned back into the Customer's DDA on the Business Day following the failure of the Bank; or (b) if the failed Bank will be dissolved, the Customer would receive a check or other payment from the FDIC to reacquire the Customer's allotted interest in the money market fund in accordance with the FDIC's normal procedures. If the funds are not swept, such funds would remain in the DDA, be treated as deposits, and be insured under the applicable insurance rules and limits of the FDIC.

**(p) Required FDIC Disclosures. For End of Day Sweeps to JPMorgan Funds:**

In the event of a failure of the Bank, funds swept to a Fund, as reflected on the Bank's end-of-day ledger balance, would not be considered deposits by the FDIC. However, the FDIC would treat the beneficial owner's swept funds in one of two ways: (a) if the failed Bank's assets were transferred to an acquiring institution, the swept funds would be returned back into the beneficial owner's deposit account on the business day following the failure of the Bank; or (b) if the failed Bank will be dissolved, the beneficial owner would receive a check or other payment from the FDIC to reacquire the beneficial owner's allotted interest in the Fund in accordance with the FDIC's normal procedures.

4. *If the Customer has selected a U.S. domestic Fund as a Fund, the provision of Section 4 shall apply in addition to the provisions of Sections 1,2,3,6, and 7. These Funds are only available to entities domiciled in the United States.*

**Distributor.**

The Customer acknowledges that the distributor of the JPMorgan Money Market Mutual Funds is JPMorgan Distribution Services Inc., which is affiliated with the Bank. The Customer acknowledges that the distributors of the third party Funds are not affiliated with the Bank. The Bank may receive compensation from the Fund, the management company for the Fund and/or the distributor of the Fund for providing services as described in the Prospectus.

5. *If the Customer has selected a non U.S. (Off-Shore) Fund as a Fund, the provisions of Section 5 shall apply in addition to the provisions of Sections 1,2,3,6, and 7. These funds are not available to U.S. persons.*

**a) Distributor.**

The Customer acknowledges that the distributor of the JPMorgan Liquidity Funds is JPMorgan Asset Management (Europe) S.a.r.l. which is affiliated with the Bank. The Customer acknowledges that the distributors of the third party Funds are not affiliated with the Bank. The Bank may receive compensation from the Fund, the management company for the Fund and/or the distributor of the Fund for providing services as described in the Prospectus.

**b) Representations and Warranties.**

The Customer represents and warrants to the Bank that:

- (i) it is not a "U.S. person", as such term is defined in Regulation S, promulgated by the Securities Exchange Commission pursuant to the Securities Act of 1933 and it will notify the Bank immediately of any change in this status;

- (ii) it was not formed principally for the purpose of investing in securities not registered under the U.S. Federal Securities laws;
- (iii) the funds that will be used to purchase Shares will not be obtained from a U.S. person; and
- (iv) it is acquiring Shares as an investment for its own account, or if purchasing for the account of a customer, the customer is not a U.S. person.

**c) Indemnity.**

The Customer shall indemnify and hold the Bank harmless from and against any and all claims, damages, demands, liabilities, losses, costs and expenses (including attorneys' fees) as a result of or in connection with the breach of any representation or warranty contained in this Schedule.

**6. Representations and Warranties.**

The Customer represents and warrants to the Bank that: this Schedule will, upon execution and delivery, constitute the legal, valid and binding obligation of the Customer, enforceable against the Customer in accordance with applicable law.

**7. Investment Statement.**

The Bank, on a periodic basis, in addition to account statement related to the Customer's DDA, will provide to the Customer a statement detailing the Investment, Investment transactions (including purchase and maturity dates), and activity in the Securities Account, and, in addition, will provide detail identifying the Master Note.

**ACKNOWLEDGED AND AGREED:**

The Charter Township of Ypsilanti

By: Brenda L. Stumbo / Karen Lougheed  
 Name: Brenda L. Stumbo / Karen Lougheed  
 Its: Supervisor / Clerk  
December 19, 2018

**DTE Electric Company**

By: \_\_\_\_\_  
 Name:  
 Its:

## ANNEX I

### ADDITIONAL MONEY MARKET FUND REFORM DISCLOSURES

On July 23, 2014, the Securities and Exchange Commission (“SEC”) approved amendments to Rule 2a-7 and other rules under the Investment Company Act of 1940 (“Fund Reforms”) that govern the operation of money market funds (“Funds”). The Fund Reforms will become fully effective on or before **October 14, 2016**. Pursuant to the Fund Reforms, Funds will be categorized as Institutional, Government and Retail (as defined below). As more fully described below, Institutional Funds will now be subject to a floating net asset value (“FNAV”) per share. Further, during periods of market turmoil, when certain triggers are met and depending on how they are categorized, certain money market funds could be subject to liquidity fees and redemption gates. As discussed below, JPMorgan Chase Bank, N.A. (the “Bank”) will only offer Institutional Funds and Government Funds and will not offer Retail Funds through its Treasury Services channel. **Below is important information relating to Institutional, Government and Retail Funds to be read in conjunction with the Fund Prospectus for the relevant Fund in connection with any Sweep Service.**

#### **Institutional Funds:**

- Institutional Funds are defined to mean a money market fund regulated under Rule 2a-7 under the Investment Company Act of 1940, as amended, that does not qualify as a “Retail Fund” or “Government Fund”.
- Floating Net Asset Value (“FNAV”) – Institutional Funds (which generally operate with “prime” or “municipal” investment strategies) will be required to value their portfolio securities based on current market value and must round their net asset value (“NAV”) per share to the nearest basis point (e.g., \$1.0000) rather than rounding to the nearest penny, which means that your Institutional Fund shares may be priced at more or less than \$1 when the value of the securities in the Fund fluctuate. This may result in a gain or loss on investment when redemptions are processed and may result in a capital gain or loss. Please refer to an Institutional Fund’s Prospectus for additional information regarding the tax implications of investing in the Fund. In addition, as the Bank processes redemption orders based upon the anticipated market value of shares predicated on the previous NAV calculated by the Fund, there may be circumstances where the actual amount received from the Fund is less than the anticipated redemption proceeds amount due to the possibility that the next NAV calculated by the Fund will be less than the previous one (due to FNAV). As a result, the Customer’s account may be subject to an overdraft fee based upon the negative balance in the account. Intraday sweep customers who currently have a zero dollar target balance on their account may want to consider adjusting the target balance level to help alleviate potential overdrafts and associated fees resulting from fluctuation in Fund NAVs.
- Liquidity Fees – Institutional Funds may impose a liquidity fee of up to 2% (depending on Fund conditions and the Fund board’s determination) on the redemption of Fund shares. The liquidity fee would be retained by the Fund to help support liquidity levels by transferring the cost of redemption from the Fund to redeeming shareholders. This means that while you could redeem your shares, the redemption of your shares would be subject to a fee. For example, if an Institutional Fund imposed a 1% liquidity fee, and if you sought to redeem \$1,000, you would be charged \$10 by the Fund, so the total amount of your redemption proceeds would be \$990.
- Redemption Gates – Institutional Funds may place temporary limits on your ability to redeem Fund shares for up to 10 business days in a 90-day period. These redemption gates are designed to ensure orderly redemptions during periods of extreme Fund stress. This means that if these extreme conditions occur, you could be temporarily prevented from redeeming your Fund shares through the automated sweep process or otherwise. The FNAV of these Institutional Funds could change during any period when redemption limits are in effect from the FNAV on your initially proposed redemption date.

#### **Government Funds:**

- Government Funds are defined to mean a “government money market fund” as defined in Rule 2a-7 under the Investment Company Act of 1940, as amended.
- Government Funds, which will invest at least 99.5% of their assets in cash, government securities and/or repurchase agreements fully collateralized with cash or government securities, will NOT be required to be subject to the redemption gate, liquidity fee or floating NAV provisions of the Fund Reforms; however, it is possible that a Government Fund MAY reserve the ability to impose redemption gates and/or liquidity fees as long as the Fund discloses this to you.
- Government Funds will be permitted to continue to utilize amortized cost accounting to value their portfolio securities and to seek to transact at their existing stable \$1.00 NAV, as currently permitted.

#### **Retail Funds:**

- Retail Funds are defined to mean a “retail money market fund” as defined in Rule 2a-7 under the Investment Company Act of 1940, as amended.
- The Bank will no longer offer Funds categorized as Retail Funds through the Treasury Services channel.

Charter Township of Ypsilanti

# Proclamation

HONORING

## *2018 Belleville High School Varsity Football Team*

**WHEREAS**, the Charter Township of Ypsilanti wishes to recognize and congratulate the 2018 Belleville High School Varsity Football Team on their outstanding, historical winning season; and

**WHEREAS**, the 2018 Belleville High School Football Team's hard work and dedication resulted in a season of firsts by winning 12 games in a row; and winning the first Michigan High School Athletic Association(MHSAA) Division 1 District Championship; and becoming the first MHSAA Division 1 Regional Champions (Final Four) in the history of Belleville High School Football; and

**WHEREAS**, the 2018 Belleville High School Football Team achieved a 12-1 record; and earned the distinction of becoming the 2018 Kensington Lakes Activities Association (KLAA) East Division Champions; and the 2018 KLAA League Champions; and


**WHEREAS**, individual awards and honors for the Detroit News Dream Team went to Devontae Dobbs (Offensive Line) and Julian Barnett (Defensive Back); and for the Detroit News First Team went to Damon Payne (Offensive Line), Jalen Hunt (Defensive Line) and Andre Seldon (Defensive Back); and for the Detroit News Second Team went to Marvin Ham (Linebacker); and for the Detroit News Honorable Mention went to Jalen Williams (Ends), Christian Dhue-Reid (Quarterback) and Tyrece Woods (Defensive Line); and

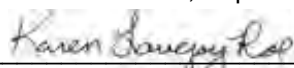
**WHEREAS**, the Detroit News All-West Individual recognition went to First Team: Devontae Dobbs, Damon Payne, Christian Dhue-Reid, Jalen Hunt, Marvin Ham, Julian Barnett and Andre Seldon; and Second Team: Jalen Williams and Tyrece Woods; and Honorable Mention: Darrell Johnson, Jakobe Watkins, Deon Selma, Christopher Lunsford, Isaiah Foster, Dylan Zagula and Ronald Johnson; and

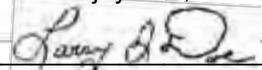
**WHEREAS**, the entire 2018 Belleville High School Football Coaching Staff deserves honor and recognition for the leadership provided to the Football Team resulting in a historical season and great success; and

**NOW, THEREFORE BE IT RESOLVED AND PROCLAIMED**, the Charter Township of Ypsilanti Board of Trustees on behalf of all our residents, wishes to applaud, celebrate and thank the 2018 Belleville High School Varsity Football Coaching Staff and the entire Football Team for their history making season. Go Belleville Tigers!

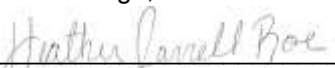
Date and Signed This 18<sup>th</sup> Day of December, 2018

  
Brenda L. Stumbo, Supervisor

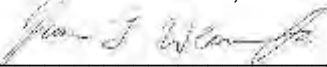
  
Karen Lovejoy Roe, Clerk

  
Larry J. Doe, Treasurer

  
Stan Eldridge, Trustee

  
Heather Jarrell Roe, Trustee

  
Monica Ross Williams, Trustee

  
Jimmie Wilson, Jr., Trustee

**CHARTER TOWNSHIP OF YPSILANTI**  
**RESOLUTION NO. 2018-35**  
**ESTABLISH TOWNSHIP SUPERVISOR'S SALARY**

**WHEREAS** according to MCL 41.95(3), in a township that does not hold an annual meeting, the salary for elected officials shall be determined by the township board; and

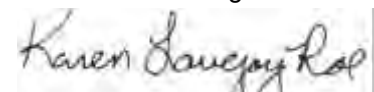
**WHEREAS** in 2018, AFSCME, Teamsters, Administrative/Confidential employees and Elected Officials received a 3% increase; and

**WHEREAS** in 2018, both the Teamster and AFSCME contracts were ratified with a 3% increase in wages for 2019;

**NOW THEREFORE BE IT RESOLVED** that the salary for the office of Supervisor shall receive a 3% increase from \$81,782.20 to \$84,235.66; and

**BE IT FURTHER RESOLVED** that elected officials' wages will be paid bi-monthly per our auditor's recommendation.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2018-35 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on December 18, 2018.



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Karen Lovejoy Roe, Clerk  
Charter Township of Ypsilanti

**CHARTER TOWNSHIP OF YPSILANTI**  
**RESOLUTION NO. 2018-36**  
**ESTABLISH TOWNSHIP CLERK'S SALARY**

**WHEREAS** according to MCL 41.95(3), in a township that does not hold an annual meeting, the salary for elected officials shall be determined by the township board; and

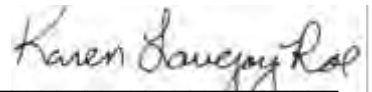
**WHEREAS** in 2018, AFSCME, Teamsters, Administrative/Confidential employees and Elected Officials received a 3% increase; and

**WHEREAS** in 2018, both the Teamster and AFSCME contracts were ratified with a 3% increase in wages for 2019;

**NOW THEREFORE BE IT RESOLVED** that the salary for the office of Clerk shall receive a 3% increase from \$81,782.20 to \$84,235.66; and

**BE IT FURTHER RESOLVED** that elected officials' wages will be paid bi-monthly per our auditor's recommendation.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2018-36 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on December 18, 2018.



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Karen Lovejoy Roe, Clerk  
Charter Township of Ypsilanti

**CHARTER TOWNSHIP OF YPSILANTI**  
**RESOLUTION NO. 2018-37**  
**ESTABLISH TOWNSHIP TREASURER'S SALARY**

**WHEREAS** according to MCL 41.95(3), in a township that does not hold an annual meeting, the salary for elected officials shall be determined by the township board; and

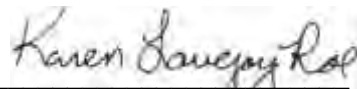
**WHEREAS** in 2018, AFSCME, Teamsters, Administrative/Confidential employees and Elected Officials received a 3% increase; and

**WHEREAS** in 2018, both the Teamster and AFSCME contracts were ratified with a 3% increase in wages for 2019;

**NOW THEREFORE BE IT RESOLVED** that the salary for the office of Treasurer shall receive a 3% increase from \$81,782.20 to \$84,235.66; and

**BE IT FURTHER RESOLVED** that elected officials' wages will be paid bi-monthly per our auditor's recommendation.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2018-37 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on December 18, 2018.



Karen Lovejoy Roe, Clerk  
Charter Township of Ypsilanti

**CHARTER TOWNSHIP OF YPSILANTI**

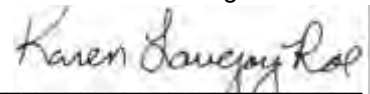
**RESOLUTION NO. 2018-38**

**ESTABLISH TOWNSHIP TRUSTEES' SALARY**

**WHEREAS**, a new policy was adopted at the October 18, 2016 Township Board meeting that included compensation for Township Trustees;

**NOW THEREFORE BE IT RESOLVED** that the Trustees will be paid according to the Trustee Attendance Policy, \$625 per meeting, not to exceed \$15,000 for 24 meetings.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2018-38 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on December 18, 2018.



Karen Lovejoy Roe, Clerk  
Charter Township of Ypsilanti



## RESOLUTION NO. 2018-39

### CHARTER TOWNSHIP OF YPSILANTI WAGE RESOLUTION FOR ADMINISTRATIVE AND CONFIDENTIAL EMPLOYEES

**WHEREAS** in 2018, AFSCME and Teamsters contracts were negotiated and ratified with a 3% increase in wages for 2018 and 2019; and

**WHEREAS** in 2018, administrative and confidential employees also received a 3% increase;

**NOW THEREFORE BE IT RESOLVED** that the salaries for administrative and confidential employees be increased by 3% in 2019 and are recommended to be as follows:

	<b>2018 Total Salary</b>	<b>2019 Total Salary</b>
	Deputy Supervisor	\$ 60,964
	Deputy Clerk	\$ 60,964
	Deputy Treasurer	\$ 60,964
Note 1	Deputy of Elections	\$ 55,231
	Human Resource Generalist II	\$ 59,938
	Quality Assurance Specialist	\$ 54,648
	Accounting Director	\$ 78,354
	Assessor	\$ 45,000
Note 2	Deputy Assessor	\$ 71,562
Note 3	Building Director	\$82,400
	Recreation Services Manager	\$ 65,578
	Hydro Operator	\$ 61,350
	Fire Chief	\$ 86,684
	Police Services Administrator	\$ 90,954
	OCS Executive Administrator	\$ 65,578
Note 4	14B District Court Judge	\$ 45,724
	Magistrate/Court Administrator	\$ 80,589
	Secretary/Court Recorder	\$ 54,626
	Secretary/Court Recorder	\$ 54,626
Note 5	Residential Services Director	
	Golf Course Superintendent	\$ 82,185
	Golf Operations Director	\$ 50,923
	Golf Course Maintenance	\$ 32,406

Note 1 - Deputy of Elections position was created and approved by the Township Board on August 24, 2018.

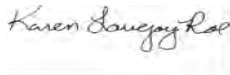
Note 2 - Deputy Assessor position was restored by the Township Board on August 24, 2018.

Note 3 - Building Director position is currently vacant.

Note 4 - Reimbursed half of salary by the State of Michigan.

Note 5 - Residential Services Director position is currently vacant.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2018-39 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on December 18, 2018.



Karen Lovejoy Roe, Clerk  
Township Clerk

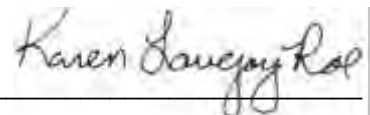
# CHARTER TOWNSHIP OF YPSILANTI

## Resolution No. 2018-41

### ADOPTION OF REGULAR BOARD MEETING DATES FOR THE 2019 CALENDAR YEAR

**NOW THEREFORE, BE IT RESOLVED** that the attached schedule of dates and times be adopted for the Charter Township of Ypsilanti for the 2019 calendar year.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2018-41 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on December 18, 2018.



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Karen Lovejoy Roe, Clerk  
Charter Township of Ypsilanti

**CHARTER TOWNSHIP OF YPSILANTI  
BOARD OF TRUSTEES**

**SCHEDULE OF MEETINGS FOR 2019**

Work Session 5:00 p.m. Civic Center Board Room	Regular Meeting 7:00 p.m. Civic Center Board Room
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**In 2019, the Township Board will meet on the 1<sup>st</sup> and 3<sup>rd</sup> Tuesday of each month in February, March, April, May, October, November and December and on the 3<sup>rd</sup> Tuesday of each month in January, June, July, August, and September.**

Tuesday ..... January 15, 2019

Tuesday ..... February 5, 2019  
Tuesday ..... February 19, 2019

Tuesday ..... March 5, 2019  
Tuesday ..... March 19, 2019

Tuesday ..... April 2, 2019  
Tuesday ..... April 16, 2019

Tuesday ..... May 7, 2019  
Tuesday ..... May 21, 2019

Tuesday ..... June 18, 2019\*

Tuesday ..... July 16, 2019\*

Tuesday ..... August 20, 2019\*

Tuesday ..... September 17, 2019\*

Tuesday ..... October 1, 2019  
Tuesday ..... October 15, 2019

Tuesday ..... November 5, 2019  
Tuesday ..... November 19, 2019

Tuesday ..... December 3, 2019  
Tuesday ..... December 17, 2019

All meetings are held at the Ypsilanti Township Civic Center Building, 7200 S. Huron River Drive, Ypsilanti Township

Special Meetings may be called with 24-hour notification.

Pre-approval of Statements and Checks is authorized when no Board Meeting is held, with formal approval at the next regularly scheduled meeting, contingent on Board Members review and no objection.

\*Board members should plan to reserve the first Tuesday of June, July, August and September in case a Special Meeting needs to be scheduled.

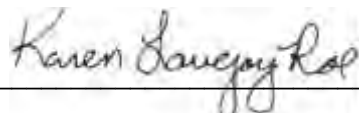
**CHARTER TOWNSHIP OF YPSILANTI**

**RESOLUTION NO. 2018-42**

**ADOPTION OF ROBERT'S RULES OF ORDER**

**NOW THEREFORE, BE IT RESOLVED** that Robert's Rules of Order shall be adopted by the Charter Township of Ypsilanti Board of Trustees for the 2019 calendar year.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2018-42 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on December 18, 2018.



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Karen Lovejoy Roe, Clerk  
Charter Township of Ypsilanti

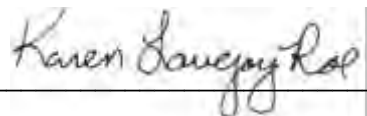
**CHARTER TOWNSHIP OF YPSILANTI**

**RESOLUTION NO. 2018-43**

**DESIGNATION OF DEPOSITORIES  
FOR 2019**

**NOW THEREFORE, BE IT RESOLVED** that Bank of Ann Arbor-Ypsilanti Office, Comerica Bank, Charter One, Ann Arbor State Bank, Fifth Third Bank, Chase Bank, P&C Bank, United Bank & Trust, Fidelity Bank, Huntington National Bank, Key Bank and TCF Bank and their successors be designated depositories for all Charter Township of Ypsilanti funds and securities for the 2019 calendar year.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2018-43 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on December 18, 2018.



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Karen Lovejoy Roe, Clerk  
Charter Township of Ypsilanti

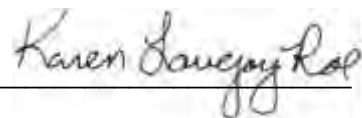
**CHARTER TOWNSHIP OF YPSILANTI**

**RESOLUTION NO. 2018-44**

**DESIGNATION OF NEWSPAPER OF CIRCULATION**

**NOW THEREFORE, BE IT RESOLVED** that Washtenaw Legal and MLive/AnnArbor.com be designated as the newspapers of general circulation for the Charter Township of Ypsilanti advertisements and publications for the 2019 calendar year.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2018-44 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on December 18, 2018.



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Karen Lovejoy Roe, Clerk  
Charter Township of Ypsilanti

*Supervisor*  
**BRENDA L. STUMBO**  
*Clerk*  
**KAREN LOVEJOY ROE**  
*Treasurer*  
**LARRY J. DOE**  
*Trustees*  
**STAN ELDRIDGE**  
**HEATHER ROE**  
**MONICA ROSS-WILLIAMS**  
**JIMMIE WILSON**



**ACCOUNTING DEPT**

7200 S. Huron River Drive  
Ypsilanti, MI 48197  
Phone: (734) 484-3702  
Fax: (734) 484-5154

*Charter Township of Ypsilanti*

## STATEMENTS AND CHECKS

*JANUARY 15, 2019 BOARD MEETING*

ACCOUNTS PAYABLE CHECKS -	\$	381,000.42
HAND CHECKS -	\$	925,664.43
CREDIT CARD PURCHASES-	\$	<u>1,181.14</u>
GRAND TOTAL -	\$	<b>1,307,845.99</b>

Clarity Health Care Deductible –

ACH EFT -	\$	29,543.87 (DEC)
ADMIN FEE -	\$	1,101.00 (DEC)

Check Date	Check	Vendor Name	Amount
Bank AP AP		<i>Hand Check -</i>	
		<i>Includes End of Year Check Run</i>	
12/12/2018	180714	GOLDEN CORRAL	275.00
12/12/2018	180715	ABIGAIL HISKE	18.00
12/12/2018	180716	ANNE MARIE PARDIKES	18.00
12/12/2018	180717	BENJAMIN HIGDON	18.00
12/12/2018	180718	BRAD HALSEY	18.00
12/12/2018	180719	BRENDOLYN RUSS	18.00
12/12/2018	180720	CARI ANNE DZANBAZOFF	18.00
12/12/2018	180721	CHRISTOPHER MCCOLLUM	18.00
12/12/2018	180722	CYNTHIA HUNT	18.00
12/12/2018	180723	GAVIN CARTER	18.00
12/12/2018	180724	JAMES RUFF	18.00
12/12/2018	180725	JEFFREY BROOKMYER	66.00
12/12/2018	180726	JENNIFER KELLERMAN	66.00
12/12/2018	180727	JEREMY FRY	66.00
12/12/2018	180728	KAREN ANN TOBLER	66.00
12/12/2018	180729	KRISTI ZEESTRATEN	18.00
12/12/2018	180730	KRISTOPHER TRACEY	18.00
12/12/2018	180731	LISA MARIE WU	18.00
12/12/2018	180732	LOUIS WEEMS	18.00
12/12/2018	180733	LYNNE MARIE WATTS	18.00
12/12/2018	180734	NICHOLAS OHAIR II	66.00
12/12/2018	180735	PAUL PARENT	18.00
12/12/2018	180736	ROBERT STONER	66.00
12/12/2018	180737	ROBERT WILLIAMS	18.00
12/12/2018	180738	SALLY J. VAN SLAMBROUCK	66.00
12/12/2018	180739	SANDRA LEE SIBBITT	18.00
12/12/2018	180740	TIMOTHY DAY	18.00
12/12/2018	180741	TODD STEFANIK	18.00
12/12/2018	180742	WILLIAM FORBES	18.00
12/13/2018	180743	CAMPBELL TITLE AGENCY OF MICHIGAN	1,500.00
12/13/2018	180744	ADAM DONNELLO	18.00
12/13/2018	180745	ALISSA GENSER	18.00
12/13/2018	180746	ANDREW RODE	18.00
12/13/2018	180747	BROOKE PRINCE	18.00
12/13/2018	180748	CHRISTOPHER RAMIREZ	66.00
12/13/2018	180749	CHRISTOPHER RIZZO	66.00
12/13/2018	180750	DEBRA CISNEROS-ABOLIO	18.00
12/13/2018	180751	DERRICK DAVIS	18.00
12/13/2018	180752	ERIN SMITH	18.00
12/13/2018	180753	GAYLE MULLINS	18.00
12/13/2018	180754	JAMES THOMAS JR	18.00
12/13/2018	180755	JENNIFER LYNN FREUDENBURG	66.00
12/13/2018	180756	JOHNNY RAY ROSE JR	18.00
12/13/2018	180757	KEITH SCOTT	18.00
12/13/2018	180758	KENNETH DANCY JR	66.00
12/13/2018	180759	KIMBERLY BENNETT	18.00
12/13/2018	180760	MARYLYNN BREHMER	66.00
12/13/2018	180761	ROBERT KLAFFKE	18.00
12/13/2018	180762	SHELBY BARFIELD	18.00
12/13/2018	180763	TERRY BELL	66.00
12/13/2018	180764	TIMOTHY BAKER	18.00
12/13/2018	180765	TODD HAHN	66.00
12/13/2018	180766	VANINA GILMORE	18.00
12/14/2018	180767	COMCAST CABLE	6,012.27
12/14/2018	180768	ANTHONY COBELLO	18.00
12/14/2018	180769	ASHLEY MCDANIEL	66.00
12/14/2018	180770	CRYSTAL BERTIN	66.00
12/14/2018	180771	DAVID RUDOLPH	66.00
12/14/2018	180772	DONNA MARIA BROWN	18.00
12/14/2018	180773	EMORY JOHNSON	18.00
12/14/2018	180774	ERIC ANDERSON	18.00
12/14/2018	180775	GRETCHEN OHAIR	66.00
12/14/2018	180776	HOLLEY BERKY	18.00
12/14/2018	180777	IMRAN RAFIQ	18.00
12/14/2018	180778	KATHLEEN HOMIAK	18.00
12/14/2018	180779	KIMBERLY ROCHEFORT	66.00
12/14/2018	180780	MANETE MARTIN	18.00
12/14/2018	180781	MARLETT MAY KATCHMERIC	18.00
12/14/2018	180782	MATTHEW SELTZ	66.00
12/14/2018	180783	PATRICIA ANN RICKS	18.00
12/14/2018	180784	PEGGY ANN WIENCEK	66.00
12/14/2018	180785	RANDALL HILL	18.00
12/14/2018	180786	REESE ROBINSON	18.00
12/14/2018	180787	REYNETTA FATH	18.00
12/14/2018	180788	SALLY ANN DELGADO	18.00
12/14/2018	180789	SAMAR FARHA	18.00
12/14/2018	180790	STACI SCOTT	18.00
12/14/2018	180791	STANLEY DAVEY	18.00



Check Date	Check	Vendor Name	Amount
12/17/2018	180792	U.S. POSTAL SERVICE*	4,000.00
12/18/2018	180793	MESSENGER PRINTING	257.28
12/18/2018	180794	AUDREY LAY	66.00
12/18/2018	180795	BEANNIE GRAHAM	18.00
12/18/2018	180796	CHARLES SALISBURY	66.00
12/18/2018	180797	CHERYL WILLCOCKS	18.00
12/18/2018	180798	CHRISTINE MAY PETERS	18.00
12/18/2018	180799	CHRISTOPHER RIZZO	18.00
12/18/2018	180800	DENIS LETOURNEAU	18.00
12/18/2018	180801	ELLEN JOHNSON	66.00
12/18/2018	180802	ELMIRA FRYE MOSLEY	18.00
12/18/2018	180803	HAROLD EDWARDS JR	18.00
12/18/2018	180804	JENNIFER FORD	66.00
12/18/2018	180805	JIMMY COLLINS	18.00
12/18/2018	180806	JOHN POWLEY	66.00
12/18/2018	180807	JOSHUA BAUMER	18.00
12/18/2018	180808	KIMBERLY DOUGLAS	66.00
12/18/2018	180809	LUCAS HOLLOW	18.00
12/18/2018	180810	PAMELA OSSENHEIMER	18.00
12/18/2018	180811	PATRICIA DACE	66.00
12/18/2018	180812	PETRUTA GHIORGHIU	18.00
12/18/2018	180813	RAGHAD MAHMUD	18.00
12/18/2018	180814	RASHONDA ALEXANDER	18.00
12/18/2018	180815	SANDRA ANN ROGALA	18.00
12/18/2018	180816	STANLEY KIRTON III	18.00
12/18/2018	180817	SUSAN ANN KRASKE	18.00
12/18/2018	180818	SUSANNAH GOLDEN	18.00
12/18/2018	180819	WESLEY COOPRIDER	18.00
12/18/2018	180820	WILLIAM COURY	18.00
12/19/2018	180821	RENITA BANKS	18.00
12/19/2018	180822	MESSENGER PRINTING	3,067.95
12/19/2018	180823	DTE ENERGY	28,245.20
12/20/2018	180824	CECIL MEADOR	12,508.00
12/21/2018	180825	A.F. SMITH ELECTRIC	2,264.45
12/21/2018	180826	AARON SIEGFRIED	330.00
12/21/2018	180827	AIS CONSTRUCTION EQUIPMENT	283.60
12/21/2018	180828	ALLGRAPHICS CORPORATION	185.00
12/21/2018	180829	AMAZON CAPITAL SERVICES	7,385.38
12/21/2018	180830	ANN ARBOR CLEANING SUPPLY	149.26
12/21/2018	180831	ANN ARBOR WELDING SUPPLY CO	243.60
12/21/2018	180832	ARTS ALLIANCE	350.00
12/21/2018	180833	AUTO VALUE YPSILANTI	12.10
12/21/2018	180834	BADER & SONS CO.	222.27
12/21/2018	180835	BARR ENGINEERING COMPANY	4,446.40
12/21/2018	180836	BIDNET	971.08
12/21/2018	180837	CANNON TRUCK EQUIPMENT	704.56
12/21/2018	180838	CARLISLE/WORTMAN ASSOCIATES	4,090.00
12/21/2018	180839	CARTER LUMBER COMPANY	872.98
12/21/2018	180840	CENTRON DATA SERVICES	1,166.29
12/21/2018	180841	CHELSEA BRODFUEHRER	1,462.60
12/21/2018	180842	CINCINNATI TIME SYSTEMS	716.90
12/21/2018	180843	COMM SOURCE	2,570.00
12/21/2018	180844	COMPLETE BATTERY SOURCE	12.71
12/21/2018	180845	CONGDON'S	159.16
12/21/2018	180846	CONTI	6,202.40
12/21/2018	180847	CONTI	6,202.40
12/21/2018	180848	CONTI	6,202.40
12/21/2018	180849	CONTI	6,202.40
12/21/2018	180850	EMERGENCY VEHICLE SERVICES	1,110.00
12/21/2018	180851	FEDERAL EXPRESS CORPORATION	123.62
12/21/2018	180852	FIBER LINK	188.50
12/21/2018	180853	GORDON FOOD SERVICE INC.	157.18
12/21/2018	180854	GOVERNMENTAL CONSULTANT SERVICES	2,935.50
12/21/2018	180855	GRAINGER	431.64
12/21/2018	180856	GRIFFIN PEST SOLUTIONS	93.00
12/21/2018	180857	HEIKKINEN PRODUCTIONS	1,232.00
12/21/2018	180858	HOME DEPOT	890.61
12/21/2018	180859	KAREN LOVEJOY ROE	77.83
12/21/2018	180860	LARDNER ELEVATOR COMPANY	210.00
12/21/2018	180861	LARRY DOE	184.11
12/21/2018	180862	LED EMERGENCY VEHICLE LIGHTING INC	449.50
12/21/2018	180863	LIGHTING SUPPLY COMPANY	101.87
12/21/2018	180864	LONGS AUTOMOTIVE INC	648.17
12/21/2018	180865	MAIL FINANCE	1,058.70
12/21/2018	180866	MAPS BY WAGNER	880.00
12/21/2018	180867	MAX-VIEW WINDOW WASHING, INC.	350.00
12/21/2018	180868	MCCALLA'S FEED SERVICE, INC.	388.50
12/21/2018	180869	MCCULLY'S EDUCATIONAL RESOURCE CTR	168.00
12/21/2018	180870	MCMASTER-CARR	364.91
12/21/2018	180871	MENARDS, INC.	129.99
12/21/2018	180872	MESSENGER PRINTING	160.12

Check Date	Check	Vendor Name	Amount
12/21/2018	180873	MICHIGAN LINEN SERVICE, INC.	965.65
12/21/2018	180874	MICHIGAN URGENT CARE	1,190.00
12/21/2018	180875	MISS DIG SYSTEM INC	318.64
12/21/2018	180876	MLIVE MEDIA GROUP	245.00
12/21/2018	180877	NEOPOST	1,212.87
12/21/2018	180878	NETWORKFLEET, INC	745.37
12/21/2018	180879	NICOLE WILSON	100.00
12/21/2018	180880	NORTH AMERICAN RESCUE	1,097.94
12/21/2018	180881	OFFICE EXPRESS	1,131.88
12/21/2018	180882	ORCHARD, HILTZ & MCCLIMENT INC	15,761.00
12/21/2018	180883	OSCAR W. LARSON CO.	2,259.00
12/21/2018	180884	PINTER'S FLOWERLAND, INC.	180.00
12/21/2018	180885	PREMIER SAFETY & SERVICE	143.15
12/21/2018	180886	PRIORITY ONE EMERGENCY	201.00
12/21/2018	180887	RHETT REYES	1,386.00
12/21/2018	180888	S & S ASSOCIATES, INC	107.10
12/21/2018	180889	SCHOOLCRAFT COLLEGE	1,040.00
12/21/2018	180890	SHRADER TIRE & OIL	2,116.76
12/21/2018	180891	SILVER LINING TIRE RECYCLING	255.00
12/21/2018	180892	SOUTHERN COMPUTER WAREHOUSE	44.48
12/21/2018	180893	STANTEC	12,052.20
12/21/2018	180894	STATE OF MICHIGAN	30,090.58
12/21/2018	180895	STATE OF MICHIGAN	230.00
12/21/2018	180896	TWIRLING UNLIMITED	68.00
12/21/2018	180897	US ECOLOGY	941.00
12/21/2018	180898	VALERIE BASS	300.00
12/21/2018	180899	VICTORY LANE	167.64
12/21/2018	180900	W.J. O'NEIL COMPANY	2,774.00
12/21/2018	180901	WASHTENAW COUNTY LEGAL NEWS	40.00
12/21/2018	180902	WASHTENAW COUNTY MEDICAL	175.00
12/21/2018	180903	WASHTENAW COUNTY ROAD COMMISSION	19,342.51
12/21/2018	180904	WASHTENAW COUNTY TREASURER#	45,000.00
12/21/2018	180905	WEATHERSEAL HOME IMPROVEMENT	115,542.00
12/21/2018	180906	WEINGARTZ	5,694.00
12/21/2018	180907	WEX BANK	1,963.18
12/21/2018	180908	WEX BANK	1,410.71
12/21/2018	180909	YPSILANTI COMMUNITY	5,373.93
12/21/2018	180910	YPSILANTI TOWNSHIP PETTY CASH	157.57
12/21/2018	180911	YSHELU JOHNSON	322.50
12/21/2018	180922	A.F. SMITH ELECTRIC	1,990.62
12/21/2018	180923	ALLEGRA PRINTING AND IMAGING	1,370.05
12/21/2018	180924	COMCAST CABLE	620.40
12/21/2018	180925	COMCAST CABLE	104.85
12/21/2018	180926	VISION SERVICE PLAN	3,189.19
12/21/2018	180927	WASTE MANAGEMENT	78,150.30
12/21/2018	180928	WASTE MANAGEMENT	105,724.77
12/21/2018	180929	YPSILANTI COMMUNITY	184.02
12/21/2018	180930	BLUE CROSS BLUE SHIELD OF MI	179,734.72
12/21/2018	180931	BLUE CROSS BLUE SHIELD OF MI	33,898.92
12/21/2018	180932	DEARBORN NATIONAL LIFE INSURANCE	4,758.08
12/21/2018	180933	DELTA DENTAL PLAN OF MICHIGAN	13,073.23
12/21/2018	180934	CRYSTAL FLASH, INC.	5,539.87
01/03/2019	180935	ALLEGRA PRINTING AND IMAGING	23,534.89
01/03/2019	180936	MARK HAMILTON	1,750.00
01/03/2019	180938	ALLEGRA PRINTING AND IMAGING	23,534.89
01/03/2019	180939	MARK HAMILTON	1,750.00
01/07/2019	180940	AT & T	32.55
01/07/2019	180941	AT & T	153.16
01/07/2019	180942	CLEAR RATE COMMUNICATIONS, INC	858.45
01/07/2019	180943	COMCAST BUSINESS	1,239.00
01/07/2019	180944	COMCAST CABLE	124.56
01/07/2019	180945	COMCAST CABLE	106.85
01/07/2019	180946	COMCAST CABLE	116.85
01/07/2019	180947	COMCAST CABLE	39.98
01/07/2019	180948	COMCAST CABLE	104.85
01/07/2019	180949	COMCAST CABLE	181.98
01/07/2019	180950	DTE ENERGY**	68,058.06
01/07/2019	180951	GUARDIAN ALARM	1,185.00
01/07/2019	180952	GUARDIAN ALARM	1,948.89
01/07/2019	180953	VERIZON WIRELESS	256.68
01/07/2019	180954	WASTE MANAGEMENT	92.17
01/07/2019	180955	WINDSTREAM	430.44
01/07/2019	180956	INTERNATIONAL ASSOCIATION	160.00

AP TOTALS:

Total of 232 Checks:	950,949.32
Less 2 Void Checks:	25,284.89
Total of 230 Disbursements:	<u>925,664.43</u>

Check Date	Check	Vendor Name	Amount
Bank AP AP			
01/15/2019	180957	A & R TOTAL CONSTRUCTION, INC.	325.00
01/15/2019	180958	AMAZON CAPITAL SERVICES	905.71
01/15/2019	180959	ANN ARBOR WELDING SUPPLY CO	7.50
01/15/2019	180960	ANNETTE GONTARSKI	90.20
01/15/2019	180961	AUTO VALUE YPSILANTI	13.98
01/15/2019	180962	BARR ENGINEERING COMPANY	8,749.50
01/15/2019	180963	CARLISLE/WORTMAN ASSOCIATES	91.50
01/15/2019	180964	CARTER LUMBER COMPANY	1,259.26
01/15/2019	180965	CHARTER TOWNSHIP OF SUPERIOR	32.99
01/15/2019	180966	CHARTER TOWNSHIP OF YPSILANTI	531.25
01/15/2019	180967	CHELSEA BRODFUEHRER	973.35
01/15/2019	180968	CITY OF YPSILANTI	210.45
01/15/2019	180969	COMPLETE BATTERY SOURCE	69.23
01/15/2019	180970	CONGDON'S	25.77
01/15/2019	180971	CONTI	1,057.18
01/15/2019	180972	COURT INNOVATIONS INC	525.00
01/15/2019	180973	CRYSTAL FLASH, INC.	1,642.72
01/15/2019	180974	DAWID & GATTI, PLLC	351.00
01/15/2019	180975	DAWN FARM	200.00
01/15/2019	180976	DUNHAM'S SPORTING GOODS	50.00
01/15/2019	180977	EBCO COMPANY	2,515.50
01/15/2019	180978	ERIKA JULIEN	360.00
01/15/2019	180979	GRAINGER	389.67
01/15/2019	180980	GREAT LAKES COLLISION & FRAME	1,604.47
01/15/2019	180981	GUARDIAN ALARM	6,185.00
01/15/2019	180982	HOME DEPOT	12.76
01/15/2019	180983	KCI	460.18
01/15/2019	180984	LANGUAGE LINE SERVICES	8.44
01/15/2019	180985	LIFELC	70.00
01/15/2019	180986	MARK HAMILTON	1,750.00
01/15/2019	180987	MCCULLY'S EDUCATIONAL RESOURCE CTR	138.00
01/15/2019	180988	MCLAIN AND WINTERS	142,507.05
01/15/2019	180989	MICHIGAN LINEN SERVICE, INC.	936.80
01/15/2019	180990	OFFICE EXPRESS	255.63
01/15/2019	180991	PARKWAY SERVICES, INC.	125.00
01/15/2019	180992	PREMIER SAFETY & SERVICE	2,373.00
01/15/2019	180993	PRINTING SYSTEMS	394.60
01/15/2019	180994	RENT A WRECK	580.50
01/15/2019	180995	RHETT REYES	954.00
01/15/2019	180996	S & S ASSOCIATES, INC	37.80
01/15/2019	180997	SHRADER TIRE & OIL	654.49
01/15/2019	180998	SITEONE LANDSCAPE SUPPLY, LLC	441.34
01/15/2019	180999	SOUTHERN COMPUTER WAREHOUSE	2,569.87
01/15/2019	181000	STANDARD PRINTING	475.00
01/15/2019	181001	STERICYCLE INC	202.15
01/15/2019	181002	THOMAS REUTERS	40.48
01/15/2019	181003	TODD BARBER	2,500.00
01/15/2019	181004	TODD BARBER	3,000.00
01/15/2019	181005	TRANSUNION RISK & ALTERNATIVE	70.00
01/15/2019	181006	TRENDSET COMMUNICATIONS GROUP	32,643.56
01/15/2019	181007	UNIVERSITY TRANSLATORS	1,316.71
01/15/2019	181008	WASHTENAW COUNTY ROAD COMMISSION	155,966.58
01/15/2019	181009	WASHTENAW COUNTY SHERIFF'S OFFICE	354.00
01/15/2019	181010	YSHELU JOHNSON	183.75
01/15/2019	181011	AMAZON CAPITAL SERVICES	208.50
01/15/2019	181012	CARLISLE/WORTMAN ASSOCIATES	420.00
01/15/2019	181013	ORCHARD, HILTZ & MCCLIMENT INC	1,184.00

A/P Checks

AP TOTALS:

Total of 57 Checks:	381,000.42
Less 0 Void Checks:	0.00
Total of 57 Disbursements:	381,000.42

01/09/2019 11:09 AM  
User: mharris  
DB: Ypsilanti-Twp

CHECK REGISTER FOR CHARTER TOWNSHIP OF YPSILANTI  
CHECK NUMBERS 40 - 40

Check Date	Check	Vendor Name	Description	Amount
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Bank CARDS COMERICA COMMERCIAL CARD

*CREDIT CARD*

01/15/2019	40 (E)	COMERICA BANK	PASSPORT POSTAGE	44.80
			PASSPORT POSTAGE	76.20
			PASSPORT POSTAGE	20.10
			PASSPORT POSTAGE	51.50
			2017 NEC CODE BOOKS (BALMES-NEW MI ELECT	371.55
			MAGIC PLAN IS AN APP FOR DOING BUILDING	196.99
			MFIS WINTER EDUCATIONAL SEMINAR	390.00
			DELIVERY FEE - ZONING/MASTER PLAN MAPS	30.00

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1,181.14

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CARDS TOTALS:

Total of 1 Checks:	1,181.14
Less 0 Void Checks:	0.00
Total of 1 Disbursements:	1,181.14

OFFICE OF THE TREASURER  
LARRY J. DOE



MONTHLY TREASURER'S REPORT  
NOVEMBER 1, 2018 THROUGH NOVEMBER 31, 2018

<u>Account Name</u>	<u>Beginning Balance</u>	<u>Cash Receipts</u>	<u>Cash Disbursements</u>	<u>Ending Balance</u>
101 - General Fund	4,596,557.92	2,507,280.41	2,308,227.01	4,795,611.32
101 - Payroll	218,485.39	923,907.93	1,003,823.90	138,569.42
101 - Willow Run Escrow	143,504.14	47.18	0.00	143,551.32
206 - Fire Department	1,193,977.95	47,226.21	971,420.71	269,783.45
208 - Parks Fund	32,238.80	54.00	359.60	31,933.20
212 - Roads/Bike Path/Rec/General Fund	626,829.49	5,680.09	165,816.15	466,693.43
226 - Environmental Services	2,223,830.45	4,844.86	472,817.79	1,755,857.52
230 - Recreation	60,572.90	173,438.69	132,827.52	101,184.07
236 - 14-B District Court	465,108.30	172,601.15	237,185.12	400,524.33
244 - Economic Development	68,638.60	116.23	0.00	68,754.83
248 - Rental Inspections	113,110.66	75,144.06	30,938.92	157,315.80
249 - Building Department Fund	1,420,718.97	74,157.79	175,070.97	1,319,805.79
250 - LDFA Tax	20,012.84	33.86	0.00	20,046.70
252 - Hydro Station Fund	415,871.23	24,645.56	111,115.94	329,400.85
266 - Law Enforcement Fund	3,517,402.59	7,647.17	638,711.47	2,886,338.29
398 - LDFA 2006 Bonds	223,281.13	377.98	0.00	223,659.11
584 - Green Oaks Golf Course	191,760.85	9,699.96	82,753.10	118,707.71
590 - Compost Site	685,582.95	172,439.20	40,965.49	817,056.66
595 - Motor Pool	29,808.34	148,559.77	10,579.70	167,788.41
701 - General Tax Collection	29,730.46	7,833.06	11,824.56	25,738.96
703 - Current Tax Collections	2,105,198.65	267,727.38	55,564.48	2,317,361.55
707 - Bonds & Escrow/GreenTop	1,149,420.25	62,324.37	60,628.91	1,151,115.71
708 - Fire Withholding Bonds	87,584.09	28.93	0.00	87,613.02
893 - Nuisance Abatement Fund	76,519.29	2,128.09	2,347.84	76,299.54
<b>GRAND TOTAL</b>	<b>19,695,746.24</b>	<b>4,687,943.93</b>	<b>6,512,979.18</b>	<b>17,870,710.99</b>

OFFICE OF THE TREASURER  
LARRY J. DOE



MONTHLY TREASURER'S REPORT  
DECEMBER 1, 2018 THROUGH DECEMBER 31, 2018

<u>Account Name</u>	<u>Beginning Balance</u>	<u>Cash Receipts</u>	<u>Cash Disbursements</u>	<u>Ending Balance</u>
101 - General Fund	4,795,611.32	2,260,434.09	2,365,663.02	4,690,382.39
101 - Payroll	138,569.42	712,785.38	731,049.17	120,305.63
101 - Willow Run Escrow	143,551.32	48.77	0.00	143,600.09
206 - Fire Department	269,783.45	253,511.79	290,932.17	232,363.07
208 - Parks Fund	31,933.20	58.03	308.26	31,682.97
212 - Roads/Bike Path/Rec/General Fund	466,693.43	616.70	146,835.27	320,474.86
226 - Environmental Services	1,755,857.52	1,255.65	322,210.27	1,434,902.90
230 - Recreation	101,184.07	42,434.77	101,094.53	42,524.31
236 - 14-B District Court	400,524.33	108,577.83	103,829.65	405,272.51
244 - Economic Development	68,754.83	125.63	0.00	68,880.46
248 - Rental Inspections	157,315.80	20,321.36	24,130.13	153,507.03
249 - Building Department Fund	1,319,805.79	34,933.70	129,736.59	1,225,002.90
250 - LDFA Tax	20,046.70	36.56	0.00	20,083.26
252 - Hydro Station Fund	329,400.85	31,585.79	29,760.64	331,226.00
266 - Law Enforcement Fund	2,886,338.29	17,769.29	591,495.56	2,312,612.02
398 - LDFA 2006 Bonds	223,659.11	408.58	0.00	224,067.69
584 - Green Oaks Golf Course	118,707.71	51,051.12	77,820.61	91,938.22
590 - Compost Site	817,056.66	17,797.56	28,763.63	806,090.59
595 - Motor Pool	167,788.41	22,372.15	26,827.25	163,333.31
701 - General Tax Collection	25,738.96	2,626.00	8.71	28,356.25
703 - Current Tax Collections	2,317,361.55	3,865,567.22	277,844.08	5,905,084.69
707 - Bonds & Escrow/GreenTop	1,151,115.71	26,398.98	42,659.25	1,134,855.44
708 - Fire Withholding Bonds	87,613.02	28.12	12,508.00	75,133.14
893 - Nuisance Abatement Fund	76,299.54	864.24	999.14	76,164.64
<b>GRAND TOTAL</b>	<b>17,870,710.99</b>	<b>7,471,609.31</b>	<b>5,304,475.93</b>	<b>20,037,844.37</b>

# ATTORNEY REPORT

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GENERAL LEGAL UPDATE

# **NEW BUSINESS**

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**Maniacal Mead Co.**  
1497 Ecorse  
Ypsilanti, MI 48198  
maniacalmeadco@gmail.com  
(734) 649-6453

January 10, 2019

To: Ypsilanti Township Board of Trustees  
Re: Michigan Liquor Control Commission Licensure

Dear Ypsilanti Township Board of Trustees,

Please accept this memo as our request for your consent to the Michigan Liquor Control Commission's approval of the following permits and/or licenses:

Small Wine Maker License  
On-Premises Tasting Room Permit

Maniacal Mead Co. has filed an application with the Michigan Liquor Control Commission for these licenses and permits for the business we intend to start at 1497 Ecorse Rd., Ypsilanti, MI 48198.

About Maniacal Mead Co.:

Maniacal Mead Co. was started by two Ypsilanti Township residents, Jeffrey Fraser and Patrick Echlin. Maniacal's goal is to bring small batch wine products to Ypsilanti Township and beyond. Our primary focus will be mead, which is wine made with honey.

We will be doing a minor remodel on our location at 1497 Ecorse to repurpose the former pizza takeout place into a mead production facility with a small tasting room. Our products will be sold by the glass for on-premise consumption, and our bottles will be available on site and in nearby liquor stores. The first plan for on-site growth is to add occupant capacity to the tasting room by renovating the building. Our hope is to eventually serve as an anchor for the Ecorse corridor where people can come, sample our meads, and buy a few bottles to take home or give to friends.

"When are you going to open" is a question we get often. Following Ypsilanti Township's approval, we will be able to move our Michigan Liquor Control Commission application to the next step. That process takes about 8 months to complete, barring any unforeseen delays. In the meanwhile, we will obtain federal (Tax and Trade Bureau) and Washtenaw County Health Department permits. Building permits and zoning approval from the Township have already been issued and work will begin once the Health Department has its say regarding our remodeling plans.

# CHARTER TOWNSHIP OF YPSILANTI

## OFFICE OF COMMUNITY STANDARDS

Building Safety • Planning & Zoning • Ordinance Enforcement

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TO: Karen Lovejoy Roe, Ypsilanti Township Clerk

FROM: Charlotte Wilson, Planning and Development Coordinator

DATE: January 14<sup>th</sup>, 2019

SUBJECT: Small Winemaker License and On Premise Tasting Room Permit request from Patrick Echlin at 1497 Ecorse Road

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Patrick Echlin at 1497 Ecorse Road is requesting local government approval for a local government approval in pursuit of a Small Winemaker's License and On Premise Tasting Room Permit from the State of Michigan Department of Licensing and Regulatory Affairs Liquor Control Commission (MLCC).

We determined that the location listed on the form, 1497 Ecorse Road, is a suitable site to operate this type of use as it most closely identifies with *restaurants or other places serving food or beverage*, a permitted use in the B-3, general business district. Additionally, the use is in accordance with the 2018 Placemaking Plan adopted May 2018.

Finally, a Small Winemaker License and On Premise Tasting Room Permit does not count against the Township's allotted quota of on premise retail licenses.

If you have any questions, please feel free to contact me.

Sincerely,

*Charlotte Wilson*

Charlotte Wilson  
Planning and Development Coordinator

## Memorandum

**To:** Karen Lovejoy Roe, Township Clerk  
**From:** Sara Jo Shipley, Economic Development Director  
**Subject:** Skatepark  
**Date:** December 19, 2018  
**RE:** Approve the Township Parks Commission recommendation to proceed with the skatepark project at the proposed location at Community Center Park and the associated maintenance costs of \$5,000 annually

## Background

Washtenaw County Parks and Recreation Commission (“Washtenaw Parks and Rec”) applied for and received a grant from the Tony Hawk Foundation and the Ralph C. Wilson Foundation to build a skatepark on the eastern side of Washtenaw County. The awarded \$250,000 grant, along with the \$250,000 matching funds, provided by the County, is enough to build a 10,000 square foot skatepark.

At the Township Parks Commission meeting on December 3, 2018, a presentation by Meghan Bonfiglio, Deputy Director of Washtenaw County Parks & Recreation Commission and Trevor Staples, Built to Play Skatepark Manager for the Tony Hawk Foundation, was given about locating the skatepark in Ypsilanti Township. Meghan and Trevor explained that based on several criteria such as, access to bus transit, proximity to convenience food, sidewalk connections, bathrooms, etc. that the Community Center Park on Clark Road is the best location for the new skatepark. Maintenance costs for a skatepark are approximately \$5,000 per year. Most of these annual costs are staffing and landscaping. The Township will be responsible for the maintenance costs of the skatepark. Volunteer days often take care of litter clean-up needs.

## Recommendation

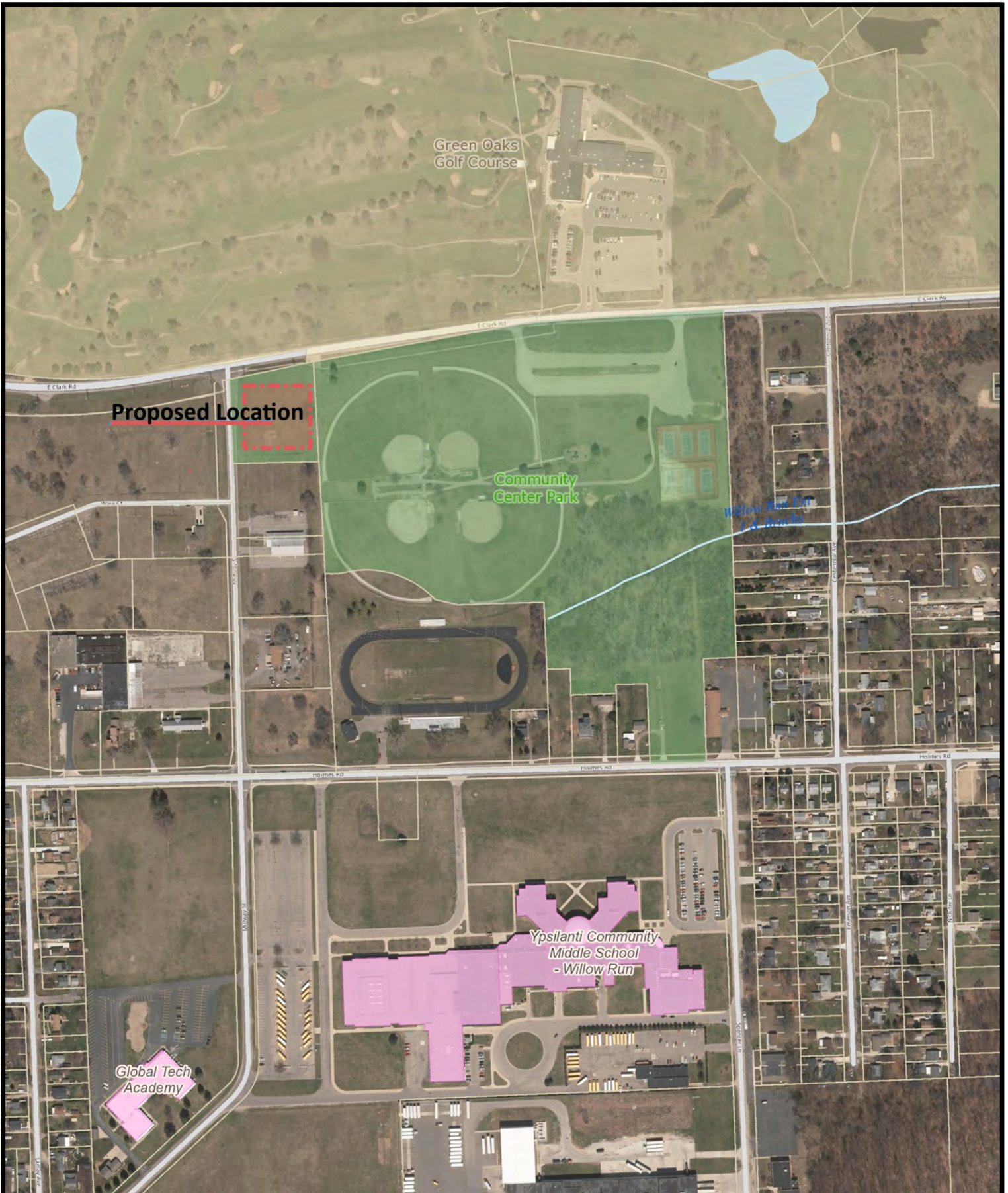
Based on the December 3rd presentation, as well as community input at that meeting, the Parks Commission recommends that the skatepark project proceed at the proposed Community Center Park location.

## Next Steps

Once the location is approved, Washtenaw Parks and Rec will convene a Request for Proposal (“RFP”) Committee that will be responsible for selecting a firm for the design and construction of the amenity. The RFP process will be managed by Washtenaw Parks and Rec.

## Attachments

Map of Proposed Location



**Proposed Location**

Green Oaks  
Golf Course

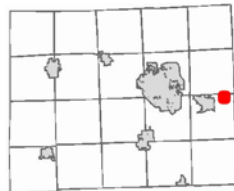
Community  
Center Park

Willow Run  
Park

Ypsilanti Community  
Middle School  
- Willow Run

Global Tech  
Academy

**Proposed Skatepark**



1: 4,800

12/19/2018



NOTE: Parcels may not be to scale.

The information contained in this cadastral map is used to locate, identify and inventory parcels of land in Washtenaw County for appraisal and taxing purposes only and is not to be construed as a "survey description". The information is provided with the understanding that the conclusions drawn from such information are solely the responsibility of the user. Any assumption of legal status of this data is hereby disclaimed.

THIS MAP REPRESENTS PARCELS AT THE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-6662.

# Charter Township of Ypsilanti

## RESOLUTION NO. 2019-03

### OWNERS DAM SAFETY PROGRAM (ODSP)

**WHEREAS**, the Charter Township of Ypsilanti, in Washtenaw County Michigan, currently holding a license with the Federal Energy Regulatory Commission (FERC) to operate the Ford Lake Hydroelectric Project (Project) #5334, and

**WHEREAS**, the FERC requires the Charter Township of Ypsilanti to develop, implement, fund and continue to support the ODSP, per the FERC guideline, for the Project until such time that the Charter Township of Ypsilanti releases ownership or the Project is no longer under the jurisdiction of the FERC, and

**WHEREAS**, the ODSP document clearly defines the responsibility for the Charter Township of Ypsilanti and its employees, and consultants, and

**WHEREAS**, the purpose of this Resolution is not new to the Charter Township of Ypsilanti, but rather a re-dedication to dam safety and the responsibilities that come with owning the Project, and

**WHEREAS**, by the action of this document, the Charter Township of Ypsilanti is showing the commitment to the FERC to operate a safe Project, prioritizing safety over any other goals, and

**NOW THEREFORE**, be it resolved that the Charter Township of Ypsilanti Board of Trustees acknowledges the Owners Dam Safety Program to maintain compliance with the FERC and define the role of Charter Township of Ypsilanti related to the Project.

*Supervisor*  
**BRENDA L. STUMBO**  
*Clerk*  
**KAREN LOVEJOY ROE**  
*Treasurer*  
**LARRY J. DOE**  
*Trustees*  
**STAN ELDRIDGE**  
**HEATHER ROE**  
**MONICA ROSS-WILLIAMS**  
**JIMMIE WILSON, JR.**



**Charter Township of Ypsilanti  
Hydro Station**

**7200 S. Huron River Drive  
Ypsilanti, MI 48197  
Phone: (734) 544.3690  
Fax: (734) 544.3626**

[www.ytown.org](http://www.ytown.org)

# MEMORANDUM

**TO:** Karen Lovejoy Roe, Clerk  
**FROM:** Michael Saranen, Hydro Operations  
**DATE:** January 7, 2019  
**RE:** Hydro Station - Owners Dam Safety Program (ODSP)

In 2013, the Board adopted the Owners Dam Safety Program (ODSP) as part of the FERC requirements to improve dam safety at hydroelectric facilities.

Part of the program is to annually reaffirm the ODSP by Board Resolution.

Please place on the next available Board agenda under New Business, the 2019 ODSP Resolution.

## CHARTER TOWNSHIP OF YPSILANTI

### RESOLUTION NO. 2019-04

#### ***POVERTY EXEMPTION GUIDELINES & APPLICATION***

**WHEREAS**, the homestead of persons who, in the judgment of the Supervisor and Board of Review, by reason of poverty, are unable to contribute to the public charges is eligible for exemption in whole or part from taxation under Section 7u of the Michigan Property Tax Act, Public Act 206 of 1893; and

**WHEREAS**, pursuant to Section 211.7u, Ypsilanti Charter Township, Washtenaw County adopts the following guidelines and application for the Supervisor and Board of Review to implement. The guidelines shall include but not be limited to the specific income and asset levels of the claimant and all persons residing in the household, including any property tax credit returns filed in the current or immediately preceding year;

To be eligible, a person shall do all the following on an annual basis:

- 1) Be an owner and occupy as a homestead (primary residence) the property for which an exemption is requested, as of Tax Day, December 31 of the proceeding year.
- 2) File a claim with the Supervisor or board of Review, accompanied by federal and state income tax returns for all persons residing in the homestead, including property tax credit returns, filed in the current or immediately preceding year.
- 3) Meet the income threshold guidelines (maximum income) adopted by the Township Board. The income threshold as adopted is that all household income cannot exceed 30% of the median income for Ann Arbor (Washtenaw County) as published by the United States Department of Housing and Urban Development (HUD) as of December 31 of the preceding year. These income thresholds will be used as long as they are higher than the Federal Poverty Guidelines as determined annually by the United States Office of Management and Budget.
- 4) Meet the maximum asset eligibility test as follows: Assets other than the taxpayer's primary residence, standard mode of transportation and usual household goods valued at more than \$25,000 will be considered and added to the household income to determine eligibility.
- 5) The revised Taxable Value with the Poverty Exemption, subject to the above guidelines, shall be the lesser of the current taxable value on the assessment roll and the following formula calculating the minimum taxable value via the Poverty Exemption Guidelines.  
**(State of Michigan Homestead Tax Credit (MI 1040CR) + 3.5% of Income) / Current Millage Rate = Minimum Taxable Value**

**NOW THEREFORE, BE IT RESOLVED**, that the Board of Review shall follow the above stated policy, guidelines and application in granting or denying exemptions. If the Board of Review determines there are substantial and compelling reasons why there should be a deviation from the above policy and guidelines based upon extraordinary circumstances and these are documented in writing, then the Board of Review may deviate from the above guidelines.

*Supervisor*  
**BRENDA L. STUMBO**  
*Clerk*  
**KAREN LOVEJOY ROE**  
*Treasurer*  
**LARRY J. DOE**  
*Trustees*  
**STAN ELDRIDGE**  
**HEATHER ROE**  
**MONICA WILLIAMS**  
**JIMMIE WILSON JR.**



*Charter Township of Ypsilanti*

**Assessor's Office**

7200 S. Huron River Drive  
Ypsilanti, MI 48197  
Phone: (734) 487-4927  
Fax: (734) 484-5159

TO: Ypsilanti Township Board of Trustees

FROM: Linda Gosselin  
Assessor

DATE: January 4, 2019

RE: Request Approval of Resolution 2019-04  
2019 Poverty Exemption Guidelines and Application

Attached is Resolution 2019-04 for the approval of the 2019 Poverty Exemption Guidelines and Application. Also, attached are the proposed 2019 Poverty Exemption Guidelines and Application.

For the 2019 Poverty Exemption, I recommend the Board approve the above Resolution 2019-04 Poverty Exemption Guidelines and Application.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read "Linda Gosselin", is written over the typed name.

Linda Gosselin, Assessor



**CHARTER TOWNSHIP OF YPSILANTI  
PROPERTY TAX REDUCTION APPLICATION INSTRUCTIONS  
Per MCL 211.7u as Amended**

**In granting the poverty exemption, the Board of Review realizes that this represents a shift of that portion of the tax burden to the other taxpayers of the community and state.**

**Any relief granted is a reduction over and above the \$1200 maximum Homestead Credit granted by the State of Michigan.**

To be considered for a poverty exemption, the following information must be provided:

1. For a complete and legible application, all sections of the Application must be filled out. An incomplete Application will delay the process and possibly result in a Denial.
2. Please do not write in the margins of the application.
3. Please be sure to sign the Application on page 6. An application without a signature will not be taken to the Board for consideration.
4. A completed and signed copy of each of the following must be submitted:
  - Your most recent Michigan Homestead Property Tax Credit Claim (MI 1040 CR)
  - Your most recent Federal Income Tax Return (1040), if you are required to file federal income tax.
  - The Most Recent Federal Income Tax Return (1040) for all other occupants of your home.

Please do not submit original tax returns or supporting documentation, as we must keep all documents submitted.

5. If you have a **mortgage/ or home equity** loan on your property you must **provide a copy of your most recent statement(s)**. An exemption will not be granted for homes currently in the foreclosure process.
6. If the Principle residence has been purchased within three (3) years of application, attach documents used to qualify for the mortgage. If there is no mortgage, explain why funds were not set aside for taxes.
7. If an occupant of your home is not employed but has income from another source, you must include the income in “Annual Household Income” on page 2 of your application.
8. If you completed the section on page 4 of the application indicating you have had a major or unusual out-of-pocket expenses, you must provide copies of documents verifying these expenses. This does not include everyday living expenses.

9. The primary applicant may not own any other real estate. The Board of Review can deny an application if they determine that monies spent in the past two years for unnecessary purchases and/ or unnecessary property upgrades could have been used for property taxes.
10. The Board of Review may deny any appeal, regardless of income, if the financial hardship appears to be self created by the actions of the person or persons making the application.
11. Please utilize page 5 to explain any additional information that you would like the Board to consider not specifically requested within the application.

**CHARTER TOWNSHIP of YPSILANTI**  
**APPLICATION FOR ONE YEAR PROPERTY TAX POVERTY REDUCTION**

**Per MCL 211.7u as Amended**

I, \_\_\_\_\_, Petitioner, being the owner and residing at the property that is listed below as my principle residence, apply for property tax relief under MCL 211.7U of the General Property Tax Act, Public Act 206 of 1893. The principle residence of persons who, in the judgment of the Township Supervisor and Board of Review, by reason of poverty are unable to contribute toward the public charge is eligible for exemption in whole or in part from taxation per MCL 211.7u(1).

**In order to be complete, this application must: 1) be completed in its entirety, 2) include information regarding all members residing within the household, and 3) include all required documentation as listed within the application. Please write legibly and attach additional pages as necessary.**

**GENERAL INFORMATION:**

APPLICANT'S NAME: \_\_\_\_\_ AGE: \_\_\_\_\_

NAME OF SPOUSE (if applicable): \_\_\_\_\_ AGE: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_ CELL PHONE: \_\_\_\_\_

PROPERTY ADDRESS FOR WHICH RELIEF IS BEING SOUGHT \_\_\_\_\_

DO YOU CLAIM THIS PROPERTY AS YOUR HOMESTEAD (Principal Residence)? ( ) YES ( ) NO

NUMBER OF LEGAL DEPENDENTS: \_\_\_\_\_ AGE OF DEPENDENTS: \_\_\_\_\_

HAVE YOU APPLIED FOR THE MICHIGAN HOMESTEAD TAX CREDIT (MI1040-CR)? ( ) YES ( ) NO

AMOUNT OF HOMESTEAD PROPERTY TAX CREDIT \_\_\_\_\_

**REAL ESTATE INFORMATION:**

PURCHASE DATE OF THE HOME: \_\_\_\_\_ PURCHASE PRICE: \_\_\_\_\_  
(if purchased in last 3 years)

IS THERE A MORTGAGE ON THE PROPERTY? ( ) YES ( ) NO

NAME OF MORTGAGE COMPANY: \_\_\_\_\_

UNPAID BALANCE OWED ON THE MORTGAGE: \_\_\_\_\_

MONTHLY MORTGAGE PAYMENT: \_\_\_\_\_

ARE THE PROPERTY TAXES ESCROWED (Included in the Payment)? ( ) YES ( ) NO

ARE THE PROPERTY TAXES CURRENT (Prior Years are Paid in Full)? ( ) YES ( ) NO

PLEASE LIST ALL IMPROVEMENTS, CHANGES OR ADDITIONS THAT HAVE BEEN MADE TO THE PROPERTY WITHIN THE LAST TWO YEARS:

\_\_\_\_\_  
\_\_\_\_\_

**INCOME INFORMATION:**

	APPLICANT		SPOUSE	
WERE YOU OR YOUR SPOUSE EMPLOYED LAST YEAR?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ARE YOU OR YOUR SPOUSE CURRENTLY EMPLOYED?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input type="checkbox"/> NO
HAS YOUR INCOME RECENTLY BEEN DISRUPTED?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input type="checkbox"/> NO

IF YES, PLEASE EXPLAIN: \_\_\_\_\_

LIST ALL PERSONS LIVING IN THIS HOME OTHER THAN YOU OR YOUR SPOUSE (Attach an Additional Sheet if Needed):

NAME:				
RELATIONSHIP:				
AGE:				
CLAIMED AS DEPENDENT:	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
OCCUPATION:				

PLEASE LIST THE ANNUAL HOUSEHOLD INCOME FROM EACH SOURCE:  
(This Includes Income for You and All Members of the Household)

ALL HOUSEHOLD W-2 INCOME:	\$
ALL 1099 INCOME:	\$
BUSINESS INCOME:	\$
SOCIAL SECURITY INCOME (SSI):	\$
UNEMPLOYMENT INCOME:	\$
RETIREMENT PENSION or ANNUITY BENEFITS:	\$
DISABILITY PAY (including Workers Comp):	\$
MILITARY PAY or BENEFITS:	\$
ADC, SFA, SDA, RAP/REP (attach a Copy of DSS Annual Statement):	\$
DEPARTMENT OF SOCIAL SERVICES: BRIDGE CARD:	\$
CHILD SUPPORT and/or ALIMONY SUPPORT:	\$
COLLEGE SCHOLARSHIPS, GRANTS AND OTHER FINANCIAL AID:	\$
FINANCIAL SUPPORT FROM FAMILY & FRIENDS OUTSIDE OF THE HOME:	\$
ALL OTHER INCOME (Both Taxable & Non-Taxable):	\$
<b>TOTAL PROJECTED HOUSEHOLD INCOME:</b>	<b>\$</b>

**ASSET INFORMATION:**

DO YOU HAVE ANY OWNERSHIP INTEREST IN ANY OTHER REAL ESTATE? ( ) YES ( ) NO

ADDRESS: \_\_\_\_\_  
 (Additional Information May be Requested by the Board for Other Real Estate.)

PLEASE LIST THE CURRENT VALUE FOR EACH ASSET:

CASH:	\$
CHECKING ACCOUNTS:	\$
SAVINGS ACCOUNTS:	\$
CERTIFICATES OF DEPOSIT:	\$
MONEY MARKET ACCOUNTS:	\$
STOCKS:	\$
BONDS:	\$
TREASURY BILLS:	\$
INSURANCE w/ CASH VALUE:	\$
MUTUAL FUND ACCOUNTS:	\$
IRA ACCOUNTS:	\$
KEOGH ANNUITIES:	\$
DEFERRED COMPENSATION:	\$
JEWELRY and/or GEMS:	\$
RARE COINS:	\$
ANTIQUE CARS:	\$
ANY OTHER COLLECTION:	\$
ANY OTHER ASSET:	\$

PLEASE LIST THE CURRENT VALUE FOR ALL HOUSEHOLD VEHICLES:  
 (This includes Cars, Trucks, Trailers, Tractors & Boats)

MAKE:				
MODEL:				
YEAR:				
LEASED OR OWNED:				
MONTHLY PAYMENT:				
BALANCE OWED:				

**EXPENSE INFORMATION**

PLEASE LIST THE EXPECTED MONTHLY HOUSEHOLD EXPENSE FOR EACH ITEM:

MORTGAGE:	\$
SECOND MORTGAGE:	\$
HEATING:	\$
ELECTRIC:	\$
WATER:	\$
PHONE:	\$
CABLE:	\$
INSURANCE:	\$
TRANSPORTATION:	\$
DAYCARE:	\$
MEDICAL:	\$
OTHER:	\$
OTHER:	\$
OTHER:	\$
OTHER:	\$
TOTAL PROJECTED MONTHLY EXPENSES:	\$

HAVE YOU HAD ANY UNUSUAL OR EXTRAORDINARY EXPENSES IN THE PAST 12 MONTHS: ( ) YES ( ) NO  
IF YES, PLEASE EXPLAIN AND PROVIDE THE TYPE AND AMOUNT OF THE EXPENSE: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

HAVE YOU HAD ANY EXTRAORDINARY MEDICAL EXPENSES IN THE PAST 12 MONTHS: ( ) YES ( ) NO  
IF YES, PLEASE EXPLAIN AND PROVIDE THE AMOUNT OF THE EXPENSE: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

IS THERE ANY OTHER INFORMATION THAT YOU WOULD LIKE TO DISCLOSE TO THE BOARD OF REVIEW FOR CONSIDERATION? ( ) YES      ( ) NO

IF YES, PLEASE EXPLAIN: \_\_\_\_\_

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**SIGNATURE PAGE**

I DECLARE UNDER THE PENALTIES OF PERJURY, THAT ALL OF THE INFORMATION SUBMITTED WITHIN THIS APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE.

**APPLICANT SIGNATURE:** \_\_\_\_\_ **DATE** \_\_\_\_\_

**SPOUSE SIGNATURE:** \_\_\_\_\_ **DATE** \_\_\_\_\_

**Notice:** Any willful misstatements or misrepresentations made on this form may constitute perjury, which, under the law, is a felony punishable by fine or imprisonment.

**Notice:** Per MCL 211.7u(2b), a copy of all household members federal income tax returns, state income tax returns (MI-1040) and Homestead Property Tax Credit claims (MI-1040CR 1,2,3,4) must be attached as proof of income. Documentation for all income sources including, but not limited to credits, claims, Social Security income, child support, alimony income, and all other income sources must be provided at time of application.

**IF PREPARED BY SOMEONE OTHER THAN THE APPLICANT**

**NAME OF PREPARER:** \_\_\_\_\_

**PHONE NUMBER FOR PREPARER:** \_\_\_\_\_

**SIGNATURE OF PREPARER:** \_\_\_\_\_

**Notice:** Decisions of the March Board of Review may be appealed in writing to the Michigan Tax Tribunal by July 31 of the current year. July or December Board of Review Denials may be appealed to the Michigan Tax Tribunal within 30 days of the denial. A copy of the Board of Review Decision must be included with the filing.

**Michigan Tax Tribunal**  
**PO Box 30232**  
**Lansing, MI 48909**  
**Phone: 517-373-3003**  
**Fax: 517-373-1633**  
**E-mail: [taxtrib@michigan.gov](mailto:taxtrib@michigan.gov)**



*Supervisor*  
BRENDA L. STUMBO  
*Clerk*  
KAREN LOVEJOY ROE  
*Treasurer*  
LARRY J. DOE  
*Trustees*  
STAN ELDRIDGE  
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MONICA WILLIAMS  
JIMMIE WILSON JR.



*Charter Township of Ypsilanti*

**Assessor's Office**

7200 S. Huron River Drive  
Ypsilanti, MI 48197  
Phone: (734) 487-4927  
Fax: (734) 484-5159

Income Thresholds

2019

1 Person	2 Persons	3 Persons	4 Persons	5 Persons	6 Persons	7 Persons
\$19,500	\$22,300	\$25,100	\$27,850	\$30,100	\$33,740	\$38,060

Find your household size; then find the annual income listed below it.

If the household income is more than that amount, you will not qualify for the poverty / hardship exemption.

These thresholds are authorized by local Resolution. These thresholds represent 30% of median income for the Ann Arbor area.

\*Updated by HUD 04/1/2018

*Supervisor*  
**BRENDA L. STUMBO**  
*Clerk*  
**KAREN LOVEJOY ROE**  
*Treasurer*  
**LARRY J. DOE**  
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7200 S. Huron River Drive  
Ypsilanti, MI 48197  
Phone: (734) 487-4927  
Fax: (734) 484-5159

TO: Ypsilanti Township Board of Trustees

FROM: Linda Gosselin  
Assessor

DATE: January 4, 2019

RE: Adoption of Board of Review Schedule

Attached please find a recommended schedule of dates and compensation of the 2019 meetings, which complies with the requirements of the State of Michigan statute, MCL 211.30

The Ypsilanti Township Board has previously determined the daily rate of compensation paid to the members of the Board to be \$90. Please approve these rates as this year's maximum daily rates.

For the 2019 meetings, I recommend the Board:

- 1.) Designate the place as the First Floor Conference room,  
Tilden R. Stumbo Civic Center  
7200 S. Huron River Dr.  
Ypsilanti, MI 48197
- 2.) Approve the attached schedule of dates and times.
- 3.) Approve the daily rate of compensation as follow: \$90 per member

Respectfully Submitted,

  
Linda Gosselin, Assessor

*Supervisor*  
BRENDA L. STUMBO  
*Clerk*  
KAREN LOVEJOY ROE  
*Treasurer*  
LARRY J. DOE  
*Trustees*  
STAN ELDRIDGE  
HEATHER ROE  
MONICA WILLIAMS  
JIMMIE WILSON JR.



*Charter Township of Ypsilanti*

**Assessor's Office**

7200 S. Huron River Drive  
Ypsilanti, MI 48197  
Phone: (734) 487-4927  
Fax: (734) 484-5159

Below is the tentative schedule set by Linda Gosselin for the March 2019 Board of Review Hearings.

**ORGANIZATIONAL MEETING –All Board Members Must Attend**

No Public Appeals – Roll Presented to Board for Review

Tuesday                      March 5                      9:00 AM – 10:00 AM

**PUBLIC HEARINGS**

Tuesday                      March 5                      10:00 AM - 4:00 PM

Wednesday                      March 6                      9:00 AM - 4:00 PM

Thursday                      March 7                      9:00 AM - 12:00 PM

Monday                      March 11                      4:00 PM - 9:00 PM

Tuesday                      March 12                      9:00 AM - 4:00 PM

**Assessment Notices Mailed**

Tentative date range for assessment notices to be mailed is the week of February 18<sup>th</sup>.

*Supervisor*  
**BRENDA L. STUMBO**  
*Clerk*  
**KAREN LOVEJOY ROE**  
*Treasurer*  
**LARRY J. DOE**  
*Trustees*  
**STAN ELDRIDGE**  
**HEATHER JARRELL ROE**  
**MONICA ROSS WILLIAMS**  
**JIMMIE WILSON JR.**



**Human Resource  
Department**

7200 S. Huron River Drive  
Ypsilanti, MI 48197  
Phone: (734) 484-0065  
Fax: (734) 484-5160  
[ytown.org](http://ytown.org)

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## MEMORANDUM

**TO:** Charter Township of Ypsilanti Board of Trustees

**FROM:** Karen Wallin, HR Department

**DATE:** January 8, 2019

**RE:** **Request approval for Assistant Director of Golf Operations, Clayton Farnsworth to become exempt (salaried) and authorization an increase in his yearly wage from \$31,065 to \$37,065.**

As the 2019 Golf Season is around the corner, Management met with Kirk Sherwood, the Director of Golf and Clayton Farnsworth, the Assistant Director; and reviewed the 2018 season while discussing goals for the 2019 season.

One of the biggest topics was how flexibility was needed to cover the pro-shop. In March of 2018, the Township filled the position of Assistant Director of Golf with a base starting wage of \$14.50/per hour. It was discussed that during the peak of the golf season, overtime would be anticipated increasing the annual salary. Although a total of 118.78 overtime hours were worked and paid to the Assistant Director during the 2018 season, overtime hours were monitored and kept to a minimum with an average of 4.24 hours per week. This was in an effort to control budget cost.

It is evident that having the assistant director allows the course to operate more efficiently and Clayton has been a great addition to the course. To better utilize Clayton in the position of Assistant Director it is being proposed that he become an exempt employee (Salaried) and that his annual wage be increased from \$31,065 to \$37,065. This will allow more flexibility between Kirk and Clayton, therefore reducing the number of seasonal employees that should be needed.

The additional \$6,000 in wages would be covered and transferred from the overtime budget line item #584-584-000-709-000. Your consideration in this matter is appreciated. Should you have any questions, please feel free to contact me.

# CHARTER TOWNSHIP OF YPSILANTI

## OFFICE OF COMMUNITY STANDARDS

Building Safety • Planning & Zoning • Ordinance Enforcement • Police Services

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To: Karen Lovejoy Roe, Clerk  
From: Michael Radzik, OCS Director  
Re: **Request to authorize circuit court litigation to abate a public nuisance at 2259 Valley Drive in the amount of \$10,000 funded in account 101-950.000-801.023**  
Copy: McLain & Winters, Township Attorneys  
Date: January 8, 2019

The Office of Community Standards has investigated a public nuisance at the following location and authorization is requested to engage legal services to abate said nuisance.

### **2259 Valley Drive**

This single family house was inspected using an administrative warrant on November 2, 2018 after it was reported to be vacant and unregistered in violation of Township ordinance. The inspection resulted in no code violations being cited, however the house has remained vacant with no water service for an extended period of time, the Township maintained the grass last year, and it has been a source of complaints from neighbors. Ownership of the property is unclear as it is listed to be owned by Brandon Dieter or possibly by United Wholesale Mortgage Company due to mortgage foreclosure. Regardless, it is a public nuisance that needs to be abated for the benefit of the neighborhood.



## RESOLUTION NO. 2019-01

(Revising Resolution No. 2018-39)

### CHARTER TOWNSHIP OF YPSILANTI WAGE RESOLUTION FOR ADMINISTRATIVE AND CONFIDENTIAL EMPLOYEES

**WHEREAS** in 2018, AFSCME and Teamsters contracts were negotiated and ratified with a 3% increase in wages for 2018 and 2019; and

**WHEREAS** in 2018, administrative and confidential employees also received a 3% increase;

**NOW THEREFORE BE IT RESOLVED** that the salaries for administrative and confidential employees be increased by 3% in 2019 and are recommended to be as follows:

	<b>2018 Total Salary</b>	<b>2019 Total Salary</b>
Deputy Supervisor	\$59,188	\$ 60,964
Deputy Clerk	\$59,188	\$ 60,964
Deputy Treasurer	\$59,188	\$ 60,964
Deputy of Elections		\$ 55,231
Human Resource Generalist II	\$58,192	\$ 59,938
Quality Assurance Specialist	\$53,056	\$ 54,648
Accounting Director	\$76,072	\$ 78,354
Assessor	\$45,000	\$ 45,000
Note 1 Deputy Assessor		\$ 73,709
Note 2 Building Director	\$82,400	\$ 80,000
Recreation Services Manager	\$63,668	\$ 65,578
Hydro Operator	\$59,563	\$ 61,350
Fire Chief	\$84,159	\$ 86,684
Police Services Administrator	\$88,305	\$ 90,954
OCS Executive Administrator	\$63,668	\$ 65,578
14B District Court Judge	\$45,724	\$ 45,724
Magistrate/Court Administrator	\$78,242	\$ 80,589
Secretary/Court Recorder	\$53,035	\$ 54,626
Secretary/Court Recorder	\$53,035	\$ 54,626
Residential Services Director		
Golf Course Superintendent	\$79,791	\$ 82,185
Golf Operations Director	\$49,440	\$ 50,923
Note 3 Assistant Golf Operations Director		\$ 37,065
Golf Course Maintenance	\$31,462	\$ 32,406

Note 1 - The Deputy Assessor position was restored by the Township Board on August 24, 2018. The amount in this includes the 3% increase for 2019.

Note 2 - The Building Director position has now been filled.

Note 3 - It is recommended that the Assistant Golf Operations Director be a non-union position. A memo will be provided by Human Resources.

**CHARTER TOWNSHIP OF YPSILANTI  
2019 BUDGET AMENDMENT #1**

January 15, 2019

AMOUNTS ROUNDED UP TO THE NEAREST DOLLAR

**101 - GENERAL OPERATIONS FUND** **Total Increase** \$549,730.00

Request to increase and rebudget project for OHM - professional engineering design for a bus stop at Schooner Cove and South Huron River Drive, which was approved on August 21, 2018 for \$14,330 . Only \$235 was completed in 2018. The bus stop will be funded by a Community Development Block Grant (CDBG) through Washtenaw County.

Revenues:	FEDERAL GRANTS - CDBG	101-000-000-522.000	\$14,095.00
			\$14,095.00
			\$14,095.00
Expenditures:	CDBG PROJECT - CAPITAL OUTLAY	101-970-000-974.100	\$14,095.00
			\$14,095.00
			\$14,095.00

Request to increase and rebudget for Washtenaw County Road Commission agreements approved during 2018. The total amount budgeted for 2018 was \$1,009,336 and the expenditures totaled \$473,701. The remaining \$535,635 will need to be rebudgeted for 2019. This will funded by an Appropriation of Prior Year Fund Balance.

Revenues:	Prior Year Fund Balance	101-000-000-699.000	\$535,635.00
			\$535,635.00
			\$535,635.00
Expenditures:	Highway & ST - Road Construction	101-446-000-818.022	\$535,635.00
			\$535,635.00
			\$535,635.00

**249 - BUILDING DEPARTMENT FUND** **Total Increase** \$15,639.00

Request to increase and rebudget to facilitate a professional service contract with Graphic Sciences, Inc. to scan & digitize old paper property records approved August 22 and November 11 of 2018. The total budgeted for 2018 was \$100,000 and the expenditures totaled \$84,361. The remaining \$15,639 will need to be rebudgeted for 2019. This will be funded by an Appropriation of Prior Year Fund Balance.

Revenues:	Prior Year Fund Balance	249-000-000-699.000	\$15,639.00
			\$15,639.00
			\$15,639.00
Expenditures:	Professional Services	249-249-000-801.000	\$15,639.00
			\$15,639.00
			\$15,639.00

**CHARTER TOWNSHIP OF YPSILANTI  
2019 BUDGET AMENDMENT #1**

January 15, 2019

**266 - LAW ENFORCEMENT FUND**

**Total Increase \$10,478.00**

Request to increase and rebudget project for OHM - to provide design specification, bid package and oversee bidding for replacement of the emergency generator at LEC. This project was approved on December 4, 2018 for \$18,900. The partially completed amount in 2018 was \$8,422. We will need \$10,478 to complete the project in 2019. This will be funded by an Appropriation of Prior Year Fund Balance.

Revenues:	Prior Year Fund Balance	266-000-000-699.000	\$10,478.00
		<b>Net Revenues</b>	<u><u>\$10,478.00</u></u>
Expenditures:	BLDG MAINT/1501 S Huron Station LEC	266-301-000-931.015	\$10,478.00
		<b>Net Expenditures</b>	<u><u>\$10,478.00</u></u>

**590 - COMPOST FUND**

**Total Increase \$4,311.00**

Request to increase budget for PTO payout request of 180 hours to be paid at 75%. This will be funded by an Appropriation for Prior Year Fund Balance.

Revenues:	Prior Year Fund Balance	590-000-000-699.000	\$4,311.00
		<b>Net Revenues</b>	<u><u>\$4,311.00</u></u>
Expenditures:	Salaries pay out - PTO	590-590-000-708.004	\$4,005.00
	FICA	590-590-000-715.000	\$306.00
		<b>Net Expenditures</b>	<u><u>\$4,311.00</u></u>



Motion to Amend the 2019 Budget (#1)

Move to increase the General Fund budget by \$549,730 to \$9,481,219 and approve the department line item changes as outlined.

Move to increase the Building Department Fund budget by \$15,639 to \$870,196 and approve the department line item changes as outlined.

Move to increase the Law Enforcement Fund budget by \$10,478 to \$7,674,054 and approve the department line item changes as outlined.

Move to increase the Compost Fund budget by \$4,311 to \$569,276 and approve the department line item changes as outlined.

# **AUTHORIZATIONS AND BIDS**

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*Supervisor*  
**BRENDA L. STUMBO**  
*Clerk*  
**KAREN LOVEJOY ROE**  
*Treasurer*  
**LARRY J. DOE**  
*Trustees*  
**STAN ELDRIDGE**  
**HEATHER ROE**  
**MONICA ROSS-**  
**WILLIAMS JIMMIE**



**Charter Township of Ypsilanti**  
**Hydro Station**

**7200 S. Huron River Drive**  
**Ypsilanti, MI 48197**  
**Phone: (734) 544.3690**  
**Fax: (734) 544.3626**

[www.ytown.org](http://www.ytown.org)

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# MEMORANDUM

**TO:** Board of Trustees

**FROM:** Michael Saranen, Hydro Operations

**DATE:** January 8, 2019

**RE:** Request to waive financial policy and accept Fondriest Environmental quote for products as outlined in quote # 97731 for a replacement weather station and radio communication equipment in the amount of \$ 8,223.18 to be charged to 252.252.000.976.000.

I am asking to Board to waive the Financial Policy and approve the purchase of a replacement weather station and radio communication equipment as single source to Fondriest Environmental in the amount of \$ 8,223.18.

Attached is an letter from Nexsens stating that Fondriest Environmental is the only vendor in the United States.

Last year, the Board approved replacing the Lake Buoy with cell base communication. This year I requesting we replace the broken weather station and upgrade the communications for the weather station and the downstream water quality station to work with the existing cell based service.

This equipment is used to help with maintaining compliance with MDEQ 401 certification and FERC Article 408 requirements.

This is a budgeted item for 2019 in line item 252.252.000.976.000

Please place this item on the next available Board Meeting agenda under New Business



8 January 2019

Michael Saranen  
Charter Township of Ypsilanti  
Township Civic Center  
7200 S Huron River Drive  
Ypsilanti, Michigan, 48197-7099  
734-368-4169

Reference: Sole Source Information

This letter is to inform you that Fondriest Environmental is the sole source for the selling, servicing and upgrading of any NexSens data buoys, data loggers, software, data hosting, and equipment in the United States. NexSens Technology, Inc. is the sole source manufacturer, and we do not sell these products through distributors.

The contact for Fondriest Environmental, Inc. is Mr. Paul Nieberding:

Phone: 937-426-2151  
Fax: 937-426-1125  
E-mail: [paul.nieberding@fondriest.com](mailto:paul.nieberding@fondriest.com)

Regards,

A handwritten signature in black ink that reads "Steven J. Fondriest".

Steve Fondriest  
President  
NexSens Technology, Inc.  
2091 Exchange Court  
Fairborn, Ohio 45324  
Phone: 937-426-2703  
Fax: 937-426-1125

# FONDRIEST ENVIRONMENTAL

Michael Saranen  
 Charter Township of Ypsilanti  
 Township Civic Center  
 7200 S Huron River Drive  
 Ypsilanti, Michigan 48197-7099  
 Tel. 734-368-4169

**Quote:** #97731  
**Contact:** Paul Nieberding  
 (paul.nieberding@fondriest.com)  
**Date:** 11/30/18  
**Expires:** 03/02/19

**Notes:** Quote assumes that customer sends in X2-CB cellular data logger for upgrade to radio.

Part #	Manufacturer	Description	Price	Qty	Total
X2-UPG-C-R	NexSens	Upgrade of a X2 cellular data logger to radio data logger, includes parts and labor	\$395.00	1	\$395.00
X2-R-DG	NexSens	X2 environmental data logger with 900 MHz radio telemetry	\$1,495.00	1	\$1,495.00
X2-RC-DG-VZ4G	NexSens	X2 environmental data logger with 900 MHz radio to Verizon 4G LTE cellular telemetry	\$1,995.00	1	\$1,995.00
PM2	NexSens	X2 pole and wall mount kit, 1.5" to 2" diameter	\$69.00	2	\$138.00
SP12	NexSens	Solar power pack, 12-watt. Includes solar panel, regulator, 6 A-Hr battery & pole mount weather tight enclosure	\$795.00	2	\$1,590.00
WXT536A1A1A1A1A1B	Vaisala	WXT536 air temperature, humidity, pressure, rainfall & wind sensor	\$2,252.00	1	\$2,252.00
212793	Vaisala	Bird spike kit	\$135.00	1	\$135.00
UW-FL10	NexSens	UW plug to flying lead cable, 10m	\$188.00	1	\$188.00

**Send Purchase Order To:**  
 Fondriest Environmental, Inc.  
 2091 Exchange Court  
 Fairborn, OH 45324  
**Phone:** (888) 426-2151  
**Fax:** (937) 426-1125  
**Email:** [customercare@fondriest.com](mailto:customercare@fondriest.com)

**Subtotal:** \$8,188.00  
**Tax:** \$0.00  
**Shipping:** \$35.18  
**Total:** \$8,223.18

**Delivery:** 3-4 weeks ARO  
**Terms:** Net 30 with approved credit  
 Visa, MC, AMEX  
**FOB Point:** Origin  
**Freight:** UPS - Ground

# OTHER DISCUSSION

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- A. BOARD MEMBERS HAVE THE OPPORTUNITY TO DISCUSS ANY OTHER PERTINENT ISSUES