AMENDED Agenda
Huron-Clinton Metropolitan Authority
Board of Commissioners
July 9, 2020 – 1:00 p.m.
Administrative Office and GoToMeetings

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1. Call to Order

2. Chairman's Statement

3. Public Participation

4. Approval – June 11, 2020 Meeting Minutes

5. Approval – July 9, 2020 Full Agenda

Consent Agenda

6. Approval – July 9, 2020 Consent Agenda
- **a.** Approval – June Financial Statements
- **b.** Approval – June Appropriation Adjustments **pg. 1**
- **c.** Report – June Planning and Development Update **pg. 3**
- **d.** Approval – 2020/2021 Tax Levy **pg. 19**
- **e.** Bids – Vault Latrine Replacements, Stony Creek Metropark **pg. 22**

Regular Agenda

7. Reports

A. *Financial Department*
1. Report – 2019 Audited Financial Statements **pg. 24**
2. Report – June General Fund Financial Review **pg. 138**
3. Report – June Capital Project Fund **pg. 144**
4. Approval – 2019 Pension Valuation, GASB 67/68 and 2020 Contribution **pg. 146**
5. Approval – 2020 Retiree Health Care Trust GASB 74/75 and Contribution **pg. 197**

B. *Administrative Department*
1. Report – May Marketing Update **pg. 253**
2. Approval – 2021 Out of County Annual Permit Fee **pg. 257**
3. Approval – 2021 Oakland County Combo Permit Agreement **pg. 258**

C. *Planning Department*
1. Approval – B2B Trail Segment D3 Project Agreement and Easement, Delhi Metropark **pg. 260**
2. Approval – Beach Restoration Grant Project, Lake St. Clair Metropark **pg. 275**
3. Approval – Maple Beach Playground Redevelopment, Kensington Metropark **pg. 280**
4. Report – Permit Scanning Data Analysis **pg. 292**

D. *Engineering Department*
1. Report – Boat Launch Building Redevelopment, Stony Creek Metropark **pg. 298**
2. Approval – Golf Course Culvert Repair, Willow Metropark **pg. 301**

8. Other Business

9. Staff Leadership Update
1. Approval – Body Cameras, Police Department

10. Commissioner Comments

11. Motion to Adjourn

The next regular Metroparks Board meeting will take place
Thursday, August 13, 2020* – *1:00 p.m.
Lake St. Clair Metropark – Thomas Welsh Activity Center

HURON-CLINTON METROPARKS

To: Board of Commissioners
From: Rebecca Franchock, Chief of Finance
Subject: Approval – June Appropriation Adjustments
Date: July 2, 2020

Action Requested: Motion to Approve

That the Board of Commissioners' approve the June 2020 Appropriation Adjustments as recommended by Chief of Finance Rebecca Franchock and staff.

Background: The Metroparks ERP system provides a work-flow process to facilitate departmental budget management. Requested transfers are initiated by department staff and routed to the appropriate department head/district superintendent for review and approval. Finance provides a final review of the approved requests to verify that they do not negatively impact Fund Balance.

For the month of June, major maintenance projects were reduced by $1,130,000, tax revenue budget for current year was reduced by $1,084 and $18,045 was received in foundation support to increase operating expenditure budgets by $15,967. $282,918 was transferred between general fund operation accounts and $43,055 was transferred between general fund engineering wage accounts and capital project wage accounts. The net impact on Fund Balance is an increase of $1,130,994.

The result of these changes can be seen by Accounting Function and Location in the attached chart.

Attachment: Appropriation Adjustments

Huron-Clinton Metropolitan Authority
June 2020 Appropriation Transfer Summary

Expense Accounts	Location	Expense Increase/ Revenue Decrease	Expense Decrease/ Revenue Increase	Difference
Funding for Capital Project Fund	Funding To/From General Fund	$ 43,055	$ -	$ 43,055
	Total	**$ 43,055**	**$ -**	**$ 43,055**
Capital	Administrative Engineering		$ 43,055	$ (43,055)
	Total	**$ -**	**$ 43,055**	**$ (43,055)**
Major Maintenance	Lake St. Clair	$ 70,000	$ 352,000	$ (282,000)
	Kensington	-	493,918	(493,918)
	Lower Huron	-	372,000	(372,000)
	Hudson Mills	11,000	-	11,000
	Stony Creek	191,918	45,000	146,918
	Lake Erie	10,000	100,000	(90,000)
	Wolcott		50,000	(50,000)
	Total	**$ 282,918**	**$ 1,412,918**	**$ (1,130,000)**
Operations	Kensington	$ 4,540	$ 4,540	$ -
	Stony Creek	700	700	-
	Total	**$ 5,240**	**$ 5,240**	**$ -**
	Total General Fund Transfers	**$ 48,295**	**$ 48,295**	**$ -**
Capital Project Fund	Funding To/From General Fund	$ -	$ 43,055	$ (43,055)
	Kensington	10,236	-	10,236
	Lower Huron/Willow/Oakwoods	13,883	-	13,883
	Hudson Mills	4,118	-	4,118
	Stony Creek	12,260	-	12,260
	Lake Erie	62	-	62
	Wolcott	2,496	-	2,496
	Total	**$ 43,055**	**$ 43,055**	**$ -**
Foundation Support	Kensington	$ 350	$ 350	$ -
	Hudson Mills	1,234	1,234	-
	Stony Creek	1,624	3,702	(2,078)
	Indian Springs	259	259	-
	Administrative	12,500	12,500	-
	Total	**$ 15,967**	**$ 18,045**	**$ (2,078)**

		Revenue Decrease	Revenue Increase	Net
Tax Adjustment	Current	$ 1,084	$ -	$ 1,084
	Prior			$ -
	Total	**$ 1,084**	**$ -**	**$ 1,084**
Net Impact on Fund Balance				**$ (1,130,994)**

To: Board of Commissioners
From: Nina Kelly, Chief of Planning and Development
Project Title: Report – Planning and Development Department Monthly Update
Date: July 2, 2020

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the Planning and Development Department monthly update as recommended by Chief of Planning and Development Nina Kelly and staff.

Background: The monthly update for the Planning and Development department is attached for review.

Attachment: Planning and Development Monthly Update

PLANNING AND DEVELOPMENT MONTHLY REPORT

July 2020

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814

HURON-CLINTON METROPARKS

METROPARKS.COM

TABLE OF CONTENTS

OTHER DEPARTMENT INPUT KEY	
	Natural Resources and Regulatory Compliance
	Planning and Development
	Diversity, Equity and Inclusion
	Interpretive Services and Community Outreach
	Engineering

SYSTEM-WIDE

Restoration – Linear feet or acreage of project impact for shoreline protected or restored, wetlands protected or restored, floodplain protected or mitigated
Invasive Species Management – Linear feet or acreage of project impact treating invasive species
Habitat and Wildlife Protected – Linear feet or acreage of project impact for fish habitat, fish barriers removed or bypassed, species moved or avoided
Partnerships – Outside agency funding sources (total cost/sharing percentage)
Volunteers – Total number of volunteers/workdays
Grant/Foundation Funding – Total funding/match
Visitor Counts – Total number of visitors weekend/weekday
Best practices education – Project emphasizes educational and interpretational opportunities
Estimated cost – Total estimated or actual cost of project
Accessibility – Determine if facility or programs designed for accessibility (A) or if barriers (B) exist based on ADA checklist
Staff time – Total number of staff hours estimated

Administrative

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
DISTRICT-WIDE	Planning and Development monthly reports	Report		Monthly	Staff time	Report assembly
	Tollbooth scanning reports	Report		Monthly	Staff time	Tollbooth scanning reports: Resumed in June, included in July board packet
	Foundation administrative Tasks	Various		Ongoing	Grant/Foundation funding	Administrative tasks
	Sign request processing/signage transition plans	Infrastructure/ Small Facilities		Ongoing	Actual Cost	Administrative tasks
	CAPRA accreditation preparation/initiation	Report	Various	Ongoing	Staff time	Self-Assessment preparation with Chapter Chairs
	Regional transportation/recreation opportunities	Various	Various	Ongoing	Staff time	Transit access study with OHM completed; presentation to BOC forthcoming
	SEMTAT participation	Report		Ongoing	Staff time	Meeting attendance for Capacity Building & Planning/Mapping committees
	FAIR Play Coalition maintenance and development	Various		Ongoing	Volunteers	Communication as needed
	Agency/org partnership maint. and development	Various	Various	Ongoing	Staff time	Meetings with Detroit Riverfront Conservancy, DIA
	CAPRA Programming Ch. 6	Various		Ongoing	Staff time	Documentation assembly
	CAPRA Planning Ch. 2 documentation	Report		Ongoing	Staff time	Documentation assembly
	Commemorative trees and benches	Various		Ongoing	Staff time	Administrative tasks

SYSTEM-WIDE

Facility Concept Planning

Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
Accessible picnic shelter layouts for parks	Plan		4 months	Staff time	Picnic Shelter and web updates are nearing completion, implementation to follow

HCMA Studies/Initiatives

Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
Property Acquisition/Divestment Strategy Report	Plan		Ongoing	Staff time	Final report under leadership review
Volunteer Development Plan	Plan		Ongoing	Staff time	On pause due to COVID-19
Trail ambassador program	Report		4 months	Staff time	On pause due to COVID-19
ADA Transition Plan	Plan		Ongoing	Staff time	ADA webpage under development
Visitor counts	Various		Ongoing	Staff time	Bike/ped counter installs complete, adjustments to be made, data collection in progress with weekly reports generated

Grants/Fundraising

Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
REI Grant Rouge Park	Plan		Ongoing	Staff time	Grant received, developing implementation plan with partners
2019/2020 Education Grants	Various		Ongoing	Grant Funding	Working with Foundation donors to revise and restructure 2019/2020 education grant fund allocations due to school closings

SYSTEM-WIDE

Project Implementation/Oversight

Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
Sustainability Plan projects coordination	Various		Ongoing	Various	Water bottle recycle bins in place for SCr, WMi; monitoring bins in July
Playground mulch bids	Small facilities		3 months	Staff time	Playground mulch to be installed in July

Recreation Programming

Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
Signature Events support/oversight	Various		On going	Staff time	All signature events postponed until 2021, notifications to partners/vendors
DIA's Inside/Out program	Various		On going	Staff time	Coordination with Miss Dig and installations
Virtual races with Epic Races	Various	Mkting	On going	Staff time	Administrative tasks

SOUTHERN DISTRICT

SOUTHERN DISTRICT

Grants/Fundraising

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
	None at this time					

Project Implementation/Oversight

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
LOWER HURON	2018 LWCF - LH N. Fishing Site Grant Project	Large Facilities		Ongoing	Staff time	Design to begin later in 2020
LH-WIL-OAK	2019 Iron Belle Trail Signage Grant Project	Small Facilities		September 2020 deadline	Contractor	Grant reimbursements from DNR on hold due to COVID-19-related budget restrictions; signage and striping moving forward
OAKWOODS	2019 LWCF - Oakwoods Accessible Nature Trail Grant Project	Large Facilities		Ongoing	Staff time	SHPO and PDESF submittals completed and awaiting clearance letter. SHPO communicated delays in responses due to COVID
LAKE ERIE	2019 LWCF - Lake Erie Accessible Boat/Kayak Launch Grant Project	Large Facilities		Ongoing	Staff time	SHPO and PDESF submittals completed. SHPO communicated delays in response due to COVID

SOUTHERN DISTRICT

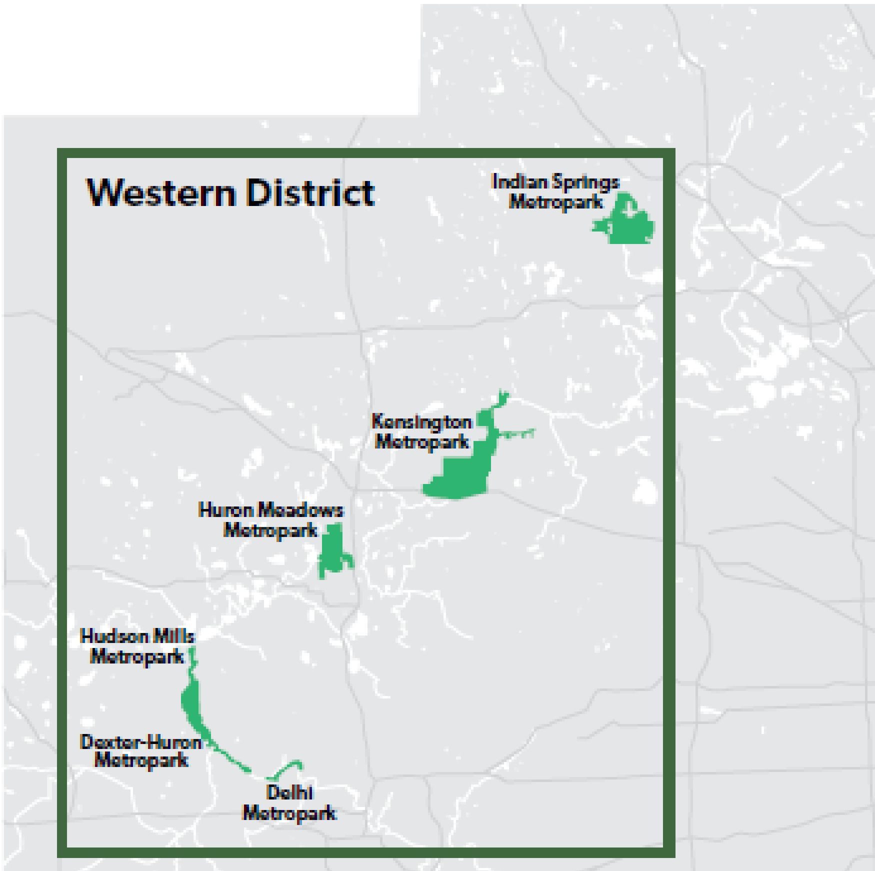
Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
LAKE ERIE	Lake Erie Marina Facility Concept Plan	Master Plan		July	Staff time	Staff toured the St. Clair Harbor Marina Facility on June 17th. Project kickoff meetings were held and preliminary concept plans have been started. Focus group meetings forthcoming.

HCMA Studies/Initiatives

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
	None at this time					

WESTERN DISTRICT



Border to Border Trail Eco-Counter installed at Dexter-Huron Metropark

WESTERN DISTRICT

Administrative

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
DELHI	Border-to-Border trail design and construction	Large Facilities		Ongoing	Estimated Cost	Coordination with Washtenaw County Parks and Recreation/Roads; project bid; project agreement & easement for BOC approval
DELHI	Skip's Livery relocation	Large Facilities		Ongoing	Consultant fee	Design and permitting in progress; approvals to be sought beginning in August
KEN	Kensington CMS pipeline coordination	Large Facilities		Ongoing	Staff time	Regular calls with CMS on project progress
KEN	Public art initiative for Maple Beach	Large Facilities		Ongoing	Staff time	Solicitation package development on pause

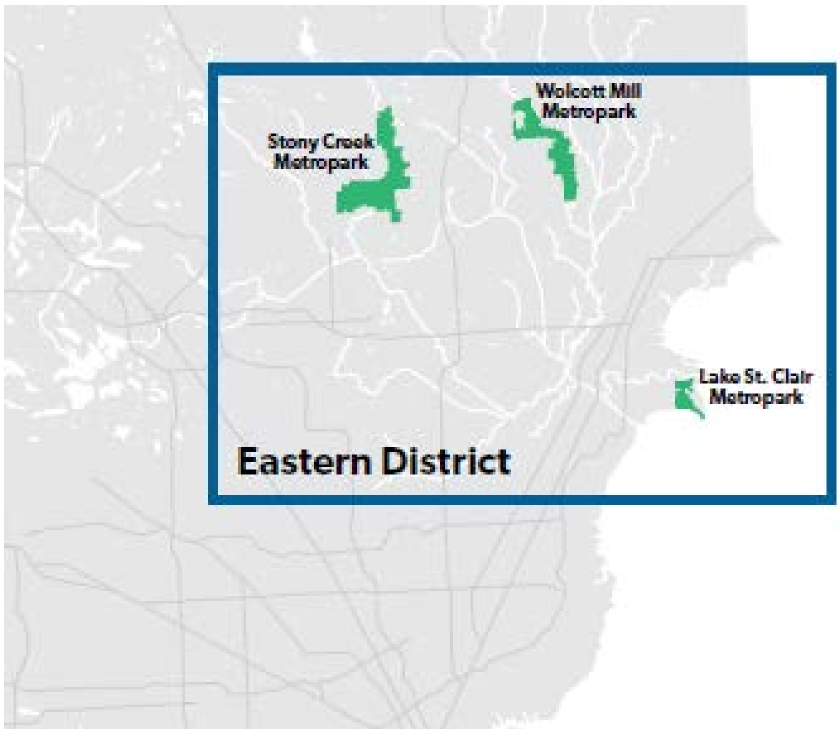
Grants/Fundraising

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
	None at this time.					

Project Implementation/Oversight

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
KEN	Maple Beach Playground	Large Facilities		6 months	Staff time	Project out for bid (site work); bids reviewed and contractor selected
DHU	2019 Iron Belle Trail B2B Connector Grant Project	Small Facilities		September 2020 deadline	Contractor	Grant reimbursements from DNR on hold due to COVID-19-related budget restrictions; construction moving forward

EASTERN DISTRICT



EASTERN DISTRICT

Administrative

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
SCr	Recycle Bin Purchasing	Small Facilities		Ongoing	Staff Time	Recycle bins delivered for SCr and WMi; and placed in outdoor public areas.
WMill	North Branch Greenway Plan	Large Facilities		June 2020 completion	Staff Time	Participation on plan steering committee with Macomb County PED & DPW, CRWC, Six Rivers Land Conservancy; project finalization
WMill	Schmidt Property Acquisition	Land Acquisition		Summer 2020	Offer in negotiations	Working with legal counsel to negotiate offer to purchase 140+ acres; if initial offer accepted, appraisal & Phase 1 to follow
LSC	Nona (S. River Road) Potential Property Acquisition	Land Acquisition		Summer/Fall 2020	Consultant fees	Completed survey for proposed parcel split with consultant; appraisal begun for Resultant Parcel "A" that would enable reconnection of marsh to Clinton River

Grants/Fundraising

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
WMill	GLRI (Restore Resilient Riparian and Shoreline Forests) Grant Application	Large Facilities	Various	June 2020 deadline	Staff Time	Macomb County as applicant; proposed projects to include assessment & implementation of streambank stabilization along the North Branch, green infrastructure

Project Implementation/Oversight

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
LSC	LSC Nature Center-DNR Grant Admin	Large Facilities		Ongoing	Staff time	Interpretive Services overseeing implementation
SCr	Shelden Trails Redevelopment	Large Facilities		Ongoing	Staff time	Pre-con meeting held, construction began on Loop B, contractor returning in August with completion of Phase 1 by fall
	Shelden Trails Signage Plan	Small Facilities	Mkting	3 months	Staff time	Coordination with stakeholders and staff; in development

EASTERN DISTRICT

Recreation Programming

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
LSC	Swimming pilot at Lake St. Clair	Large Facilities		Ongoing	Visitor counts	On hold until further guidance is received for COVID-19

Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	July 2020 Actions
LSC	Lake St. Clair North Marina Facility Concept Plan	Master Plan		July	Staff time	Staff toured the St. Clair Harbor Marina Facility on June 17th. Project kickoff meetings were held and preliminary concept plans have been started

WHAT'S NEXT?

	Description	Action Type
SYSTEM WIDE	Get Out and Learn (GOAL)- DeRoy Testamentary	Staff time
	Get Out and Learn (GOAL)- Tuktawa Foundation	Staff time
	Trail Counts/Parking Lot Counts (ongoing)	Staff time
EASTERN DISTRICT	Shelden Trails Redevelopment Project construction (summer/fall 2020)	Capital Project
WESTERN DISTRICT	Maple Beach Playground Redevelopment construction	Capital Project
SOUTHERN DISTRICT	Recreational programming drive-in movies at Willow	Staff time

HURON-CLINTON METROPARKS

To: Board of Commissioners
From: Rebecca Franchock, Chief of Finance
Subject: Approval – 2020/21 Tax Levy Report
Date: June 8, 2020

Action Requested: **Motion to Approve**

That the Board of Commissioners (1) approve the 2020 Tax Rate Request forms at .2104 mills (formerly .2117 mills); and (2) approve the inclusion of "net" tax revenues of $33,889,553 in the 2021 Budget as recommended by Chief of Finance Rebecca Franchock and staff.

Summary: Final 2020 Taxable Value figures used for the calculation of the Metroparks 2021 tax revenues have been received from the county treasurer's offices. At this time, it is necessary for the Board of Commissioners to certify the requested tax levy rate of .2104 mills for each county.

Background: The calculation of the Metroparks tax levy millage rate is controlled by the "Headlee" Millage Reduction Formula (Michigan Compiled Law 211.34d) and Proposal A (1994 Public Act 415). Once the Metroparks tax levy rate is calculated, it is applied to the "taxable values" throughout the five counties of Livingston, Macomb, Oakland, Washtenaw and Wayne.

The Metroparks "taxable value" for the five counties for 2020 is $164.6 billion, an increase of $6.8 billion (4.34 percent) from the 2019 value of $157.8 billion. The Metroparks taxable value showed an overall positive trend, with all five counties having increased from the previous year. Livingston, Oakland, Macomb and Washtenaw had steady increases around 4.5 percent. Wayne county was a little lower, with an increase of 3.6 percent. The overall 4.33 percent increase is favorable to our long-term planning.

In applying the 2019 taxable value figures to the Headlee Millage Reduction Factor calculation formula, with the permitted inflation rate multiplier of 1.019, the Metroparks will be permitted to levy .2104 mills for 2020. For the fourth year in a row, the Metroparks has to decrease their levy rate due to the MRF calculation remaining below 1.000. The Metroparks is currently levying 85 percent of the original authorized millage of .2500 mills. This results in an annual loss of $6,519,612 in tax revenue due to the Headlee Reduction.

In applying the .2104 millage rate against the district's 2020 "taxable value" figures, anticipated "gross" tax revenues for 2021 will be $34,639,553. The breakdown by county is as follows:

	2020/21 Levy	%	2019/20 Levy	%	Change
Livingston	$ 2,063,199	6.0%	$ 1,980,597	5.9%	4.0%
Macomb	$ 6,262,818	18.1%	$ 6,019,474	18.0%	3.9%
Oakland	$ 13,241,291	38.2%	$ 12,752,525	36.6%	3.7%
Washtenaw	$ 3,879,737	11.2%	$ 3,724,791	10.8%	4.0%
Wayne	$ 9,192,507	26.5%	$ 8,916,222	28.3%	3.0%
Total	$ 34,639,553	100.0%	$ 33,393,609	100.0%	3.6%

As the Authority has done for the last ten years, staff recommends that the Metroparks estimate the amount of “captured” tax revenues and potential tax refunds and adjust the anticipated gross tax revenues down at the start of the budget year. This is due to (1) the number of tax abatement programs which include Downtown Development Authorities (DDA), Local Development Finance Authorities (LDFA), Tax Incremental Finance Authorities (TIFA), Brownfield, and Neighborhood Enterprise Zones; (2) the large number of communities that are utilizing them; and (3) the amounts of Metroparks tax revenue that is being captured and refunded.

By booking this adjustment at the beginning of the budget year, we are able to have a more accurate picture of the actual amount of tax revenue that should ultimately be collected in 2021. Based on trends from the last five years of data from the amount of Metroparks tax revenue captured and refunded, the following breakdown details the “net” tax revenues recommended to be used for the 2021 Budget.

	2020/21 Gross Tax Levy	**Estimated Captured Taxes**	**2020/21 Net Tax Levy**
Livingston	$ 2,063,199	$ (25,000)	$ 2,038,199
Macomb	6,262,818	(25,000)	6,237,818
Oakland	13,241,291	(300,000)	12,941,291
Washtenaw	3,879,737	(25,000)	3,854,737
Wayne	9,192,507	(375,000)	8,817,507
Total Tax Levy	$ 34,639,553	$ (750,000)	$ 33,889,553

The 2020 Budget was prepared based on anticipated net tax revenues of $32,618,609. The recommended net tax revenue for 2021 is $33,889,553, an increase of $1,396,175. For 2021, the Metroparks budgeted revenue remains fairly close to the amount of tax revenues that were received in 2006, but still remain less than our peak year of 2008.

The Metroparks have received confirmation of the calculations of the 2020 tax millage rate and revenues from the State Department of Treasury, Assessment and Certification Division. At this time, it is necessary for the Board to certify the 2020 tax levy rate for each county.

Attachment: 2014 – 2021 Tax Revenue Trends

Property Tax Levy
Historical Data 2014-2021
Huron-Clinton Metroparks Authority

	2014	2015	2016	2017	2018	2019	2020	2021
Livingston County	1,594,749	1,621,383	1,693,299	1,728,341	1,776,026	1,860,156	1,950,597	2,038,199
% of Total	**5.7%**	**5.8%**	**6.0%**	**5.9%**	**5.9%**	**6.0%**	**6.0%**	**6.0%**
Macomb County	5,120,419	5,216,972	5,437,583	5,396,668	5,533,351	5,745,456	5,994,474	6,237,818
% of Total	**18.2%**	**18.5%**	**19.1%**	**18.4%**	**18.5%**	**18.4%**	**18.4%**	**18.4%**
Oakland County	10,146,651	10,321,459	10,766,960	11,010,893	11,395,116	11,901,165	12,452,525	12,941,291
% of Total	**36.0%**	**36.7%**	**37.9%**	**37.6%**	**38.1%**	**38.1%**	**38.2%**	**38.2%**
Washtenaw County	2,988,396	3,034,765	3,126,874	3,203,075	3,300,885	3,466,548	3,654,791	3,829,737
% of Total	**10.6%**	**10.8%**	**11.0%**	**10.9%**	**11.0%**	**11.1%**	**11.2%**	**11.3%**
Wayne County	8,060,251	7,943,130	7,997,144	7,893,747	7,940,852	8,249,110	8,566,222	8,842,507
% of Total	**28.6%**	**28.2%**	**28.1%**	**26.9%**	**26.5%**	**26.4%**	**26.3%**	**26.1%**
Total Adjusted Levy	**$ 27,910,467**	**$ 28,137,710**	**$ 29,021,861**	**$ 29,232,725**	**$ 29,946,230**	**$ 31,222,435**	**$ 32,618,609**	**$ 33,889,553**

HURON-CLINTON METROPARKS

To:	Board of Commissioners
From:	Mike Henkel, Chief of Engineering Services
Project No:	509-20-557
Project Title:	Bids – Vault Latrine Replacement
Project Type:	Capital Project
Location:	Stony Creek Metropark
Date:	July 2, 2020

Action Requested: **Motion to Approve**

That the Board of Commissioners authorizes the issuance of a purchase order to CXT concrete buildings for the procurement of one single unit prefabricated concrete restroom in the amount of $33,239.50 as recommended by Chief of Engineering Services Mike Henkel and staff.

Fiscal Impact: The cost of the single unit is under the $60,000 budgeted amount. However, this does not include the site work for the units which is estimated at $25,000.

Scope of Work: The purchase includes the fabrication, additional options, transportation, delivery, and off loading at the site. Ancillary site work will be completed under a separate contract at a future date.

Background: The cost of the unit is based on a Sourcewell contract #030117, formerly known as the (National Joint Power Alliance). NJPA represents governmental cooperative bidding. Demolition and site work are not included by the manufacturer and will be procured separately.

This unit will replace the old wooden vault latrine that is in poor condition and is located at shore fishing in Stony Creek Metropark (this will be a single unit). In 2017, double units of the same model were installed at Kensington and Stony Creek and have provided a good option for those areas. There are existing vault latrines throughout the system that provide restroom facilities in remote areas that do not have access to utilities. The new units are prefabricated, constructed from reinforced concrete, durable, long lasting and are available with many options. Similar units were installed on the Lake Erie golf course in 2010 and there have had no issues.

Contractor	City	Amount
CXT Concrete Buildings	Spokane	$33,239.50

Budget Amount for Contract Services	$60,000.00
Work Order Amount	
- Contract Amount-CXT Concrete Buildings	$33,239.50
o Contract Administration	$ 4,000.00
o Total Proposed Work Order Amount (Rounded)	$37,240.00

Vault Latrine and Proposed Location

To: Board of Commissioners
From: Rebecca Franchock, Chief of Finance
Subject: Report – 2019 Audited Financial Statements
Date: June 17, 2020

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the 2019 Audited Financial Statements Report as recommended by Chief of Finance Rebecca Franchock and staff.

Summary: The Metroparks auditing firm, Plante Moran, has completed their audit of the Metroparks 2019 accounting records, pension plan, retiree health care trust and related financial statements. Together with Plante Moran's Audited Financial Statements, staff compiled the Authority's 2019 Comprehensive Annual Financial Report, which is provided for review. Mr. David Helisek and Mr. Austin De La Cruz will be available to review the 2019 Audited Financial Statements with the Board at the July meeting.

Background: Staff is pleased to report that Plante Moran have issued an unqualified opinion, meaning the Audited Financial Statements present fairly the financial position of the governmental activities and each major fund of the Authority as of Dec. 31, 2019 in conformity with generally accepted accounting principles. Plante Moran conducted their audit following generally accepted auditing standards in order for them to obtain reasonable assurance that the Authority's financial statements are free of any material misstatements.

As reflected on the Government Wide Statement of Net Position, the Authority's total net position at $214.1 million increased by $3.3 million from the 2018 net position of $210.8 million. The total General Fund – Fund Balance is reported at $39.6 million, an increase of $3.4 million. The increase to the General Fund - Fund Balance is primarily a result of $1.0 million increased revenue and $2.0 million decreased expenditures.

The 2019 General Fund Committed Fund Balance totals $6.7 million. This represents Committed for Land Acquisition ($5.5 million) and Committed for Rate Stabilization ($1.2 million). The 2019 Assigned Fund Balance totals $6.6 million. This represents Assigned for Compensated Absences ($3.8 million), Assigned for Encumbrances ($0.1 million) and Assigned for Planned Use of Fund Balance ($2.7 million). The 2019 Unassigned Fund Balance stands at $25 million. This level of Unassigned Fund Balance represents 45.8 percent of General Fund revenues. The Statement of Revenues and Expenditures shows 2019 General Fund expenditures and transfers out at $51.4 million against revenues of $54.6 million producing a surplus of $3.4 million.

The Authority intends to submit this 2019 Comprehensive Annual Financial Report (CAFR) to the Government Finance Officers Association Certificate of Excellence in Financial Reporting program. The Authority has received a Certificate of Achievement for the last 18 years and staff believes this 2019 report will continue to earn this distinction. This achievement would not be possible without the dedicated work efforts of the entire Finance Department.

Attachments: **2019 CAFR**
Auditor Presentation

Plante & Moran, PLLC
Suite 400
1000 Oakbrook Drive
Ann Arbor, MI 48104
Tel: 734.665.9494
Fax: 734.665.0664
plantemoran.com

7-A-1-a

June 15, 2020

To the Board of Commissioners and Management
Huron-Clinton Metropolitan Authority

We have audited the financial statements of Huron-Clinton Metropolitan Authority (the "Authority") as of and for the year ended December 31, 2019 and have issued our report thereon dated June 15, 2020. Professional standards require that we provide you with the following information related to our audit, which is divided into the following sections:

Section I - Required Communications with Those Charged with Governance

Section II - Other Recommendations and Related Information

Section I includes information that current auditing standards require independent auditors to communicate to those individuals charged with governance. We will report this information annually to the Board of Commissioners and management of the Authority.

Section II presents recommendations related to internal control, procedures, and other matters noted during our current year audit. These comments are offered in the interest of helping the Authority in its efforts toward continuous improvement, not just in the areas of internal control and accounting procedures, but also in operational or administrative efficiency and effectiveness.

We would like to take this opportunity to thank the Authority's staff for the cooperation and courtesy extended to us during our audit. Their assistance and professionalism are invaluable.

This report is intended solely for the use of the Board of Commissioners and management of the Authority and is not intended to be and should not be used by anyone other than these specified parties.

We welcome any questions you may have regarding the following communications, and we would be willing to discuss these or any other questions that you might have at your convenience.

Very truly yours,

Plante & Moran, PLLC

David Helisek

David H. Helisek

Section I - Required Communications with Those Charged with Governance

Our Responsibility Under U.S. Generally Accepted Auditing Standards

As stated in our engagement letter dated February 17, 2020, our responsibility, as described by professional standards, is to express an opinion about whether the financial statements prepared by management with your oversight are fairly presented, in all material respects, in conformity with U.S. generally accepted accounting principles (GAAP). Our audit of the financial statements does not relieve you or management of your responsibilities. Our responsibility is to plan and perform the audit to obtain reasonable, but not absolute, assurance that the financial statements are free of material misstatement.

As part of our audit, we considered the internal control of the Authority. Such considerations were solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

We are responsible for communicating significant matters related to the audit that are, in our professional judgment, relevant to your responsibilities in overseeing the financial reporting process. However, we are not required to design procedures specifically to identify such matters.

Planned Scope and Timing of the Audit

We performed the audit according to the planned scope and timing previously communicated to you in our letter about planning matters on March 23, 2020.

Significant Audit Findings

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. In accordance with the terms of our engagement letter, we will advise management about the appropriateness of accounting policies and their application. The significant accounting policies used by the Authority are described in Note 1 to the financial statements.

During the year, the Authority implemented Governmental Accounting Standards Board (GASB) Statement No. 84, *Fiduciary Activities.*

We noted no transactions entered into by the Authority during the year for which there is a lack of authoritative guidance or consensus.

There are no significant transactions that have been recognized in the financial statements in a different period than when the transaction occurred.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected.

The most sensitive estimates affecting the financial statements were the valuation of alternative investments in the Pension and Retiree Health Care Trust funds and the calculation of the pension and net other postemployment benefits liability. We evaluated the key factors and assumptions used to develop the estimates in determining that they are reasonable in relation to the financial statements taken as a whole.

The disclosures in the financial statements are neutral, consistent, and clear.

Section I - Required Communications with Those Charged with Governance (Continued)

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Disagreements with Management

For the purpose of this letter, professional standards define a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report.

We are pleased to report that no such disagreements arose during the course of our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management.

None of the misstatements detected as a result of audit procedures and corrected by management were material, either individually or in the aggregate, to the financial statements taken as a whole. The attached schedule summarizes uncorrected misstatements of the financial statements. Management has determined that their effects are immaterial, both individually and in the aggregate, to the financial statements taken as a whole.

Significant Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, business conditions affecting the Authority, and business plans and strategies that may affect the risks of material misstatement, with management each year prior to our retention as the Authority's auditors. However, these discussions occurred in the normal course of our professional relationship, and our responses were not a condition of our retention.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated June 15, 2020.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Authority's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Information in Documents Containing Audited Financial Statements

Our responsibility for other information in documents containing the Authority's financial statements and report does not extend beyond the financial statements. We do not have an obligation to determine whether or not such other information is properly stated. However, we read the introductory and statistical sections, and nothing came to our attention that caused us to believe that such information, or its manner of presentation, is materially inconsistent with the information or manner of its presentation appearing in the financial statements.

Attachment

Client: **Huron-Clinton Metropolitan Authority**
Opinion Unit: **Governmental Activities**
Y/E: **12/31/2019**

SUMMARY OF UNRECORDED POSSIBLE ADJUSTMENTS

The effect of misstatements and classification errors identified would be to increase (decrease) the reported amounts in the financial statement categories identified below:

Ref. #	Description of Misstatement	Current Assets	Long-term Assets	Deferred Outflows of Resources	Current Liabilities	Long-term Liabilities	Deferred Inflows of Resources	Equity	Revenue	Expenses	Net Income Statement Impact
FACTUAL MISSTATEMENTS:											
A1	Omission of foundation activity - Blended component unit	$ 66,111	$ 226,089					$ 152,967	$ 398,760	$ 259,527	$ 139,233
JUDGMENTAL ADJUSTMENTS:											
B1	None										
PROJECTED ADJUSTMENTS:											
C1	None	-	-	$ -	$ -	$ -	$ -	-	-	-	-
	Total	**$ 66,111**	**$ 226,089**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 152,967**	**$ 398,760**	**$ 259,527**	**$ 139,233**

PASSED DISCLOSURES AND FINANCIAL STATEMENT PRESENTATION ISSUES:

D1 None

Client: **Huron-Clinton Metropolitan Authority**
Opinion Unit: **Aggregate Remaining Fund Info**
Y/E: **12/31/2019**

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PASSED DISCLOSURES AND FINANCIAL STATEMENT PRESENTATION ISSUES:

D1 None

Section II - Other Recommendations and Related Information

COVID-19 Resource Center

Plante & Moran, PLLC (Plante Moran) has assembled a COVID-19 task force of leaders across the firm to monitor, address, and mitigate risks presented by the virus. We understand the unique challenges our local governments are facing in providing essential services to protect communities during the COVID-19 crisis, while going forward, they face seemingly impossible choices around staffing, capital projects, pension obligations, and dozens of other items in the face of an uncertain revenue outlook. We are sharing our insights within our government COVID-19 resource center at https://www.plantemoran.com/explore-our-thinking/areas-of-focus/covid-19-government-resource-center. We will keep you updated with relevant economic analyses, crisis management guidelines, notices of changing regulations, and more to keep the Authority running as smoothly as possible amidst uncertainty and unprecedented disruption.

Have questions about the Coronavirus Aid, Relief, and Economic Security (CARES) Act? Submit them at https://www.plantemoran.com/campaigns/firm/cares-act by simply providing your contact information and agreeing to our terms and conditions, and an expert from our task force will contact you within the next 24 hours.

Automated CAFR Application and Award Process

In November 2019, the Government Finance Officers Association (GFOA) announced that the Certificate of Achievement for Excellence in Financial Reporting application and award process will be completely automated by spring 2020. This electronic process will allow applicants the ability to apply, pay fees, check application status, and receive Comprehensive Annual Financial Report (CAFR) award documents electronically. In preparation for this transition, beginning on January 1, 2020, CAFRs will no longer be accepted in hard copy form, on CDs, or on flash drives. The new application process will only accept PDF or other electronic files. Any questions are to be directed to cafrprogram@gfoa.org.

Cybersecurity and Information Technology Controls

Cyberattacks are on the rise across the globe, and the cost of these attacks is ever increasing. Because of these attacks, municipalities stand to lose reputation, their ability to operate efficiently, and proprietary information or assets. Communities can also potentially be subject to financial and legal liabilities. Managing this issue is especially challenging because even a municipality with a highly mature cybersecurity risk management program still has a residual risk that a material cybersecurity breach could occur and not be detected in a timely manner. We understand that the technology department continues to monitor and evaluate this risk, which are critical best practices. Additionally, periodic assessments of the system in order to verify that the control environment is working as intended are key parts of measuring associated business risk. We encourage administration and those charged with governance to work with the technology team on this very important topic. If we can be of assistance in the process, we would be happy to do so.

Legacy Costs

Legacy costs and the challenge of funding them continue to be topics of discussion. GASB pronouncements of late have placed even more focus on the net long-term liability arising from these benefit promises by requiring governmental financial statements to reflect the net pension and OPEB liability. For many governments, these net liabilities are significant. In addition, Public Act 202 of 2017 has brought further focus on the funding level of these plans.

The following are the funding levels per the funding valuations for the last three years for both pension and OPEB:

	Pension	OPEB
2019	77%	83%
2018	69%	69%
2017	76%	Not measured

Maintaining or even improving the funded status of the plan(s) is dependent upon a number of factors, including the government's contribution policies, its amortization policy for funding the unfunded actuarial accrued liability, its benefit levels, and the ability to make future changes to the plan. The Authority has made significant gains in the most recent three years in relation to OPEB funding; however, it is important to remember that changes in market conditions, assumptions changes, and other factors out of the Authority's control will continue to affect funding levels.

That said, the challenge here is significant. We are happy to assist you in thinking through alternative ways to manage this liability.

Legacy Cost Reporting

Public Act 530 of 2016

On December 31, 2016, the governor signed Public Act 530 of 2016, which amends Public Act 314 of 1965, also known as Public Employee Retirement System Investment Act (PERSIA). This act was effective on March 29, 2017.

Under the prior act, communities were required to publish a summary annual report setting forth key information related to pension and retiree healthcare plans. The amendment requires that this summary annual report also be submitted to the Michigan Department of Treasury within 30 days of publication.

In addition, for any system (either pension or retiree health care) that is not funded at a level of at least 60 percent, the community must now post a report to its website indicating steps that are being undertaken to address the liability. In addition, this report must be submitted to the Department of Treasury within a reasonable time frame.

The legislation calls for the Department of Treasury to accumulate all of the reports and publish a summary of funding levels throughout the state.

Public Act 202 of 2017

On January 5, 2018, the Michigan Department of Treasury released initial reporting requirements under Public Act 202 of 2017 (the "Act"), which were primary components of the Act. These reporting requirements apply to all local units of government that offer or provide defined benefit pension and/or defined benefit OPEB retirement benefits.

Local units began reporting funded ratios and contributions in accordance with these uniform assumptions starting with their fiscal year 2019 if their audited financial statements were based on an actuarial valuation issued after December 31, 2018. If their fiscal year 2019 audited financial statements were based on an actuarial valuation issued prior to December 31, 2018, the local units will begin reporting on these uniform assumptions starting with their fiscal year 2020.

Section II - Other Recommendations and Related Information (Continued)

On October 21, 2019, the Michigan Department of Treasury released the updated uniform assumptions to be used for fiscal year 2020. Beginning with fiscal year 2020 reporting, all local governments must utilize the updated fiscal year 2020 uniform assumptions. Each year moving forward, the annual uniform assumptions will be updated and are expected to be utilized within Form 5572, where indicated, for that fiscal year. Local governments may utilize roll-forward procedures in nonvaluation years utilizing any updates to the uniform assumptions to calculate the data.

This means that the local unit may potentially need three calculations: a funding valuation (if the local unit chooses to have different assumptions for funding purposes), a valuation that complies with GAAP to be used for financial statement reporting, and a calculation that complies with the State's new uniform assumptions.

The releases by the Department of Treasury include the letter titled "Public Act 202: Selection of the Uniform Assumptions" and "Public Act 202: Selection of the Uniform Assumptions for Fiscal Year 2020," Numbered Letter 2018-1, Form 5572, detailed instructions for completion of Form 5572, and a listing of frequently asked questions. All documents can be located at http://www.michigan.gov/treasury/0,4679,7-121-1751_51556_84499---,00.html.

Form 5572 is due annually for both pension and OPEB plans provided by an employer no later than six months after the end of your fiscal year.

In addition to submitting this new form to the Department of Treasury, a local unit must also post this information either on its website or in a public place if it does not have a website. The governing body of a local unit will also need to receive a copy of this form, in accordance with the Act, but the Act does not require approval by the governing body before submission to the Treasury.

Public Act 202 defines that a local unit of government is in "underfunded status" if any of the following apply:

1. OPEB - Total plan assets are less than 40 percent of total plan liabilities according to the most recent annual report, and, for primary units of government*, the annual required contribution for all of the retirement health systems of the local unit is greater than 12 percent of the local unit of government's governmental funds operations revenue.

2. Retirement pension plans - Total plan assets are less than 60 percent of total plan liabilities according to the most recent annual report, and, for primary units of government, the annual required contribution for all of the retirement pension systems of the local unit is greater than 10 percent of the local unit of government's governmental funds operations revenue.

*Primary units of government are cities, villages, townships, and counties.

If, after submission of Form 5572, the Treasury determines your community to have underfunded status, you will have the opportunity to file a "waiver" under Section 6 of the Act. The waiver needs to provide a plan for how the underfunding is being addressed. This waiver will then be submitted to the Treasury.

In the event that a local unit has underfunded plans and does not submit a waiver or the waiver is not approved, the Treasury will perform an internal review. The local unit will also need to submit a corrective action plan to the newly created Municipal Stability Board (under Section 7 of the Act). The local unit will be responsible for creating the corrective action plan.

For governments with OPEB plans, Section 4(l)(a)(i)(ii) of Public Act 202 of 2017 requires the local unit to pay retiree insurance premiums for the year, as well as the normal costs for the new employees hired after June 30, 2018. The actuary will likely need to calculate this number in order for governments to comply. In addition, if communities must essentially prefund this additional cost, those communities without a qualifying OPEB trust will need to consider where these contributions will go.

Questions should be directed via email to the Treasury offices at LocalRetirementReporting@michigan.gov or by visiting its website at www.Michigan.gov/LocalRetirementReporting.

Numbered Letter 2018-3

On March 13, 2020, the Treasury issued Numbered Letter 2018-3 (Revised) as a revision to Numbered Letter 2018-3 that was first issued in September 2018. This revised numbered letter provides additional clarity and guidance for compliance with Public Act 202 related to the calculation and reporting of the actuarial determined contribution (ADC) for other postemployment benefit (OPEB) systems. The revision emphasized two key points:

1. The ADC, regardless of funding policy, must be calculated as the normal cost plus the amortization of the unfunded liability.

2. The ADC, calculated in accordance with the Act, must be reported in the audited financial statements. Note that OPEB plans that are not administrated through a trust are not required by GAAP to disclose the ADC in the required supplemental information (RSI) section of the audited financial statements, but those plans should disclose this information in the footnotes to the financial statements, as required by this revised numbered letter.

Failure to calculate the ADC in compliance with this Numbered Letter 2018-3 (Revised) will be considered statutory noncompliance and shall be reported in the notes to the financial statements and will result in an auditor finding for statutory noncompliance. Failure to report a compliance ADC in audited financial statements may result in the rejection of Form 5572 submissions and noncompliance with the Act and/or rejection of the local government's audited financial statements.

LCSA Act Amendments

Public Acts 247 and 248 of 2018 were signed into law on June 27, 2018 by Governor Snyder. These acts significantly impact the Local Community Stabilization Authority (LCSA) Act, including how personal property tax (PPT) reimbursements are calculated.

The State Department of Treasury issued a summary of the amendments in July 2018, which can be found at the following link: https://www.michigan.gov/documents/treasury/Overview_of_2018_LCSA_Act_Amendments_627459_7.pdf.

This summary document lists the following changes that resulted from these acts:

1. Accelerate some reporting deadlines and add two new reporting requirements.

2. Change the calculation of the millage rate to be used in the calculation of the PPT reimbursements.

3. Change the calculation of the personal property exemption loss and eliminate the requirements to recalculate prior year taxable values.

Section II - Other Recommendations and Related Information (Continued)

4. Change the millage rate to be used in the calculation of a tax increment finance authority's (TIFA) PPT reimbursement.

5. Make the local community stabilization authority responsible for distributing the fire protection services payments.

6. Create a process for correcting PPT reimbursements.

7. Allow for a one-time PPT advance for prior year underpayments of $500,000 or more.

8. Change the payment dates of the PPT reimbursements to allow for corrections to current year reimbursements and delay the payment of qualified loss in excess of 100 percent until May 20.

9. Change how municipalities are required to record and allocate the revenue.

While we strongly recommend reviewing the link provided above for an in-depth look at the changes, highlighted below are the more significant changes:

- PPT reimbursement calculations are changing as follows:
  - The requirements for recalculation of prior year taxable value have changed. Going forward, prior year property tax values for commercial and industrial personal property will only be modified for municipality boundary changes and to exclude any property that was classified in the municipality where it is currently located as utility personal property or real property after 2012.
  - The calculation of PPT reimbursements that are based on the acquisition cost of eligible personal property for two years has been delayed until 2021.
  - Reimbursement for 100 percent of the calculated qualified loss going forward will be received in either October or February.
  - Each year, any remaining balance of the local community stabilization share fund revenue for the calendar year will be distributed to counties, cities, townships, villages, and community colleges. The allocation will be based on each municipality's share of the total reimbursement based on the acquisition cost of all eligible personal property and qualified loss. These reimbursement payments will be a separate payment that will be reimbursed in May. This allows time for any errors in that year's PPT reimbursement calculation to be identified and corrected.
  - There are also changes to the tax increment finance authority PPT reimbursement calculation; please refer to the link above for more details.
- Fire protection service payments were distributed by LCSA to municipalities starting in 2018. The payment distributions will continue to occur by November 30 each year. Each municipality is to continue to complete and submit the required questionnaire to Michigan Department of Licensing and Regulatory Affairs (LARA) in order to qualify.
- The timing of PPT reimbursements has changed, as follows:
  - Tax increment finance authorities - For a TIFA that previously received payments in November, reimbursements will be issued on October 20 of each year. Corrections for the underpayment of a prior year PPT reimbursement or a current year reimbursement will be issued on May 20 of each year.

- Municipalities, excluding school districts, intermediate school districts, and TIFAs - For a municipality that previously received payments in November, reimbursements for essential services, small taxpayer exemption loss, and qualified loss up to 100 percent will be issued on October 20 of each year. For municipalities that previously received payments in February, reimbursements for essential services, small taxpayer exemption loss, and qualified loss up to 100 percent will continue to be issued on February 20 of each year. Corrections for the underpayment of a prior year PPT reimbursement or a current year reimbursement will be issued on May 20 of each year, as will the portion of qualified loss exceeding 100 percent reimbursement.

The table below provides a schedule of payment dates for all municipalities.

Description of PPT Reimbursement	Date of Reimbursement
Payment of calculated current year PPT reimbursements up to 100 percent of the calculated losses for county-allocated millage to municipalities that do not levy millage 100 percent in December and TIFAs (payment must be allocated to the funds based on millages)	October 20 (each year)
Payment of calculated current year PPT reimbursements up to 100 percent of the calculated losses for townships, county extra-voted millage, and to municipalities that levy millage 100 percent in December	February 20 (each following year)
Payment of prior year underpayment that was not advanced and current year underpayment and prorated qualified loss in excess of 100 percent. (Note that the payment does not need to be allocated based on millages. If the local unit chooses, this can be fully recorded in the General Fund.)	May 20 (each following year)

- Changes to the requirement to restrict revenue - To date, the previous LCSA act had only required a municipality to use the reimbursement amount received for debt millage to pay for debt and to use the essential service reimbursement to pay for the cost of essential services. The newly signed amendment now also requires that each municipality allocate and record the payments received in the same manner as the millage levied, up to 100 percent reimbursement. The October payment represents the 100 percent reimbursement and should be allocated by millages. The May payment does not represent reimbursement and can be receipted into the General Fund at the discretion of the local unit.

In addition, for county road millages levied under Section 20b of 1909 PA 283, MCL 224.20b, a formula for allocating a portion of the PPT reimbursement to each city and village must be decided by March 31 by the cities, villages, and road commission. If this does not occur, a formula for allocating payments will be determined by the Department of Treasury.

As a reminder, the LCSA reimbursements should not be reported on the financial statements with property taxes; instead, they should be included with other intergovernmental revenue from the State (state-shared revenue, grants, and other). The State has created a new account number for the revenue, 573, and titled it “Local Community Stabilization Share Appropriation.” As always, communities should follow the State’s guidance related to the Uniform Chart of Accounts.

Upcoming Accounting Standards Requiring Preparation

GASB Statement No. 95 - Postponement of the Effective Dates of Certain Authoritative Guidance

This new pronouncement was adopted in May 2020 and is effective immediately. This statement postpones the effective dates of the following pronouncements and implementation guides by one year:

- Statement No. 83, *Certain Asset Retirement Obligations*
- Statement No. 84, *Fiduciary Activities*
- Statement No. 88, *Certain Disclosures Related to Debt*
- Statement No. 89, *Accounting for Interest Cost Incurred before the End of a Construction Period*
- Statement No. 90, *Majority Equity Interests*
- Statement No. 91, *Conduit Debt Obligations*
- Statement No. 92, *Omnibus 2020*
- Statement No. 93, *Replacement of Interbank Offered Rates*
- Implementation Guide No. 2017-3, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions (and Certain Issues Related to OPEB Plan Reporting)*
- Implementation Guide No. 2018-1, *Implementation Guidance Update - 2018*
- Implementation Guide No. 2019-1, *Implementation Guidance Update - 2019*
- Implementation Guide No. 2019-2*, Fiduciary Activities*

The effective dates of the following pronouncement and implementation guide are postponed by 18 months:

- Statement No. 87, *Leases*
- Implementation Guide No. 2019-3, *Leases*

GASB Statement No. 87 - Leases

This new accounting pronouncement will be effective for reporting periods beginning after December 15, 2019 (June 15, 2021 after extension within GASB Statement No. 95). This statement requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this statement, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources.

We recommend beginning to accumulate information now related to all significant lease agreements in order to more efficiently implement this new standard once it becomes effective.

Plante Moran will be providing trainings and other resources to our clients in the coming months to help prepare for the implementation of all these new standards. In the interim, please reach out to your engagement team for assistance in getting started.

Huron-Clinton Metropolitan Authority

Comprehensive Annual Financial Report
with Supplemental Information
December 31, 2019

Submitted to the
Huron-Clinton Metropolitan Authority
Board of Commissioners
Brighton, Michigan

Huron-Clinton Metropolitan Authority

Comprehensive Annual Financial Report
with Supplemental Information
December 31, 2019

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Contents (Continued)

Introductory Section

June 15, 2020

To the Board of Commissioners, Director, and Citizens of the Huron-Clinton Metropolitan Authority Park Districts:

State law requires that all local governmental units, including authorities such as the Huron-Clinton Metropolitan Authority, publish within six months of the close of each fiscal year a complete set of financial statements presented in conformity with generally accepted accounting principles (GAAP) and audited in accordance with generally accepted auditing standards by a firm of licensed certified public accountants. Pursuant to that requirement, we hereby issue the comprehensive annual financial report of the Huron-Clinton Metropolitan Authority for the fiscal year ended December 31, 2019. Responsibility for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rests with management. GASB 34 requires that management provide a narrative introduction, overview, and analysis to accompany the Basic Financial Statements in the form of a Management's Discussion & Analysis (MD&A). This letter of transmittal is designed to complement the MD&A and should be read in conjunction with it. The MD&A can be found immediately following the report of the independent auditors.

The financial reporting entity of the Huron-Clinton Metropolitan Authority includes all funds of the Huron-Clinton Metropolitan Authority. The Authority is a special district form of government operating independently of all other governmental agencies. It provides a full range of recreational activities in the five-county region including Wayne, Macomb, Oakland, Washtenaw, and Livingston Counties (Counties).

GOVERNMENTAL STRUCTURE, LOCAL ECONOMIC CONDITION, AND OUTLOOK

The Huron-Clinton Metropolitan Authority was sanctioned by Public Act 147 of Public Acts 1939. This Act provided for the incorporation of the Huron-Clinton Metropolitan Authority to permit the Counties to join in a metropolitan district for planning, promoting and/or acquiring, constructing, owning, developing, maintaining and operating, either within or without their limits, parks, connecting drives and/or limited access highways; to provide for the assessment, levy and collection of property taxes on both real and personal properties located within its boundaries. A referendum was held on November 5, 1940 and the citizens of the five-county district approved the creation of the Huron-Clinton Metropolitan Authority.

The governing body of the Huron-Clinton Metropolitan Authority is a seven member Board of Commissioners. Two Commissioners serve as representatives at large and are appointed by the Governor of Michigan for four-year terms. The other five commissioners are appointed by their respective county Board of Commissioners and they serve a six-year staggered term. Public meetings of the Board of Commissioners are held on the second Thursday of each month. The Board of Commissioners is responsible for setting policy, adopting the budget, setting fees, approving contracts, land acquisition and expenditures, planning of new parks and facilities, and appointing the Director.

The Director is responsible for carrying out the policies of the Board of Commissioners, for overseeing the day-to-day operations of the park system, hiring all full-time employees, and approving all purchase commitments of the Authority. The Chief Finance Officer is responsible for maintaining all financial accounting records, collecting all revenues due, investing all funds, issuing payment vouchers for goods, services and payrolls, maintaining property/casualty insurances and serves as the Pension Plan Trustee and Retiree Health Trust Plan Administrator.

The Authority's main endeavor is to provide a variety of quality recreational opportunities through the development of natural resources along the Huron and Clinton Rivers for the benefit of the 4.4 million citizens of the five-county park district located in southeastern Michigan. Since its inception, the Authority has created thirteen Metroparks covering nearly 25,000 acres within the 1,600 square mile watershed area of the Huron and Clinton Rivers. The Authority, named after the two longest rivers within its boundaries, is a dynamic and changing organization striving to provide its services while minimizing disruption to existing land use.

The characteristics of the Metroparks are different from recreation supplied by most other units of government or by the private sector. Generally, Metroparks are fairly large and offer a blend of natural resources such as lakes, rivers, woods, or wildlife area with constructed facilities that provide for more intensive recreational pursuits such as swimming, golfing, cycling, cross-country skiing or other outdoor recreation. These Metroparks are within an hour's drive for most of the residents of the region and are generally considered "day use" parks.

The Metroparks range in size from 53 acres at Delhi Metropark to over 4,400 acres at Stony Creek Metropark. The larger Metroparks are designed to accommodate crowds of 35,000 or more on peak use days. In 2019, the Metropark system provided recreation for an estimated 5.9 million park visitors.

The Authority's centralized Administrative Office coordinates the development and operation of all thirteen Metroparks. The following departments are housed at the Administrative Office: (1) Executive; (2) Finance; (3) Human Resources; (4) Engineering; (5) Planning; (6) Natural Resources; (7) Interpretive; (8) Communications/Marketing; (9) Purchasing; (10) Information Systems; (11) Fund Development and (12) Police.

The day-to-day administration, operation, and maintenance of each Metropark is coordinated through three district park superintendents. These district park superintendents oversee all on-site park activities, operations and maintenance of buildings, roads and grounds.

Consumer confidence rose during 2019 extending the trend. Lower long-term inflation expectations and very low unemployment were also notable. There appeared to be low risk of a recession in the near future although some analysts expected the economy to slow in 2020. Michigan was ranked the number one state to do business in the Midwest and fifth nationally. The 9th year of recovery since the Great Recession resulted in growth in our tax base even with a reduction to our millage rate. Median household incomes grew over 6% across the region although Wayne County median income remains approximately 45% lower than Livingston County.

MAJOR INITIATIVES

During 2019, the Authority's staff, worked with the Board of Commissioners and the Director to develop and implement a new approach to our grant application process. A greater number of projects were submitted, and applications were tailored to provide flexibility both in regard to funding source as well as funding level. This approach resulted in a record number of grant projects being approved for inclusion in the 2020 budget. In accordance with the Capital Project Fund approved by the Board of Commissioners in 2018, all open capital projects rolled forward into 2019 relatively seamlessly. The scope and type of projects that were worked on during 2019 are summarized below. These projects reflect the Authority's ongoing commitment to providing quality public recreational facilities and services in a well-maintained and safe environment to the citizens of Southeast Michigan:

1. At Lake St. Clair Metropark, $345,000 was expended toward replacement of a major sanitary pump. An additional $158,000 provided improvements to park storm water infrastructure. These projects both received funding from the SAW grant program.

2. The Black Creek shoreline at Lake St. Clair Metropark received an investment of $133,000 to provide an accessible fishing platform as well as shoreline softening infrastructure.

3. The DNR Passport Grant program funded a portion of improvements to the interior exhibit space at Lake St. Clair Nature Center. $14,000 of the $61,000 project was spent in 2019.

4. Kensington Nature Center received additional improvements to the interior exhibit space with support from private donors. The amount expended on this project in 2019 was $27,000.

5. Hudson Mills Metropark hike-bike trail loop received replacement bridges at a cost of $223,000.

6. Stony Creek Metropark also benefitted from improvements to its storm and sanitary systems with funding from the SAW grant program. The Sanitary Force Main was repaired at a cost of $401,000.

7. The largest project completed during 2019 was also at Stony Creek Metropark. This project rehabilitated the critical 26 Mile Road bridge and deck. This bridge is the only public entrance into and out of Stony Creek Metropark handling over 500,000 vehicles into and out of the park annually.

In total, the Authority invested in park facilities to the extent of nearly $3.0 million, as work was performed on 38 individual capital projects. These capitalized projects will help ensure that Metropark facility offerings to our public are in good working order and relevant to today's recreational interests. The vast majority of the 2019 capital improvement expenditures continue to relate to the 3-R's (repair, renovate and replace). Due to the age of the Metropark facilities, it is essential that these types of projects continue to be the primary focus.

FINANCIAL INFORMATION

Management of the Authority is responsible for establishing and maintaining internal controls designed to ensure that the assets of the Authority are protected from loss, theft, or misuse and to ensure that adequate accounting data is compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. Internal controls are designed to provide reasonable, but not absolute, assurance that these objectives are met. The concept of reasonable assurance recognizes that: (1) the cost of a control should not exceed the benefits likely to be derived; and (2) the valuation of costs and benefits requires estimates and judgments by management. As management, we assert that, to the best of our knowledge and belief, this financial report is complete and reliable in all material respects.

FEDERAL FINANCIAL ASSISTANCE

The Authority did not receive any Federal financial assistance during 2019 that required the independent auditor to issue a Single Audit Report.

BUDGET

The annual budget serves as the foundation for the Huron-Clinton Metropolitan Authority's financial planning and control. The annual budget process is multi-faceted, involving all units of the Authority. The Authority's Planning, Engineering, and Natural Resources Departments, in conjunction with park operating units, develop capital improvement, equipment, major maintenance, and minor project listings that are reviewed and finalized by mid-September.

All park operating units are required to submit park operation budget requests to the CFO's office near the end of September. The CFO utilizes these requests, along with capital budget requests, as the starting point for developing a proposed General Fund budget. The CFO conducts budget review meetings in conjunction with the Director and Deputy Director and presents the proposed budget at a public hearing and then to the Board of Commissioners at the November Board meeting. The appropriated budget is a line item budget prepared by fund, category (i.e., capital equipment, park operations), department/park (i.e., Lake St. Clair, Kensington), sub-department/activity (i.e., golf course, regulatory), and object (i.e., full time wages, utilities). The Director is authorized to make budgetary transfers between line item appropriations. All General Fund budget amendments are approved by the Board of Commissioners on a monthly basis. The Authority maintains an encumbrance accounting system and a work order (project accounting) system for capital construction type projects to assist in maintaining budgetary control.

LONG-TERM FINANCIAL PLANNING

The Huron-Clinton Metropolitan Authority employs a Five-Year Community Recreation Plan to assist in guiding the direction of the Metroparks. The current Community Recreation Plan covers recreational development for the period from 2018 through 2022. The development of the Five-Year Plan is a planning process that is a joint effort involving the general public, park staff, administrative office staff, planning staff, natural resource staff, engineering staff, interpretive staff, police staff, and the Board of Commissioners. Due to the continued fiscal constraints and the large amount of aging infrastructure within the Metropark system, an emphasis continues to be placed on renovation/redevelopment/restoration type projects rather than new park developments.

The Board of Commissioners and staff have developed the current Five-Year Plan in an effort to position the Authority to work towards a model of fiscal sustainability. Recognizing the paradigm shift in tax revenue as well as the capital needs of aging facilities, roads and other infrastructure, the current five-year plan focuses on these issues:

- Continuation of high standards of maintenance and service levels for existing park operations.
- Adequate funding for major maintenance projects annually.
- Maintenance of a functional fleet of equipment plus equipping new facilities.
- Funding the redevelopment of major assets based on established criteria.
- Funding for the continuation of reconstructing/resurfacing of Authority roads, parking lots, and hike/bike trails.
- Maintaining contributions to the Authority's Retiree Health Care Trust Fund and Pension Trust Fund.

The current Five-Year Plan provides general guidance for the development of the Authority's annual budget each year. Adjustments are made to the Five-Year Plan as dictated by ongoing economic conditions.

DEBT

The Authority has not issued any bonded debt. The Authority's Enabling Act restricts debt issues to revenue bonds. Throughout the history of the Metroparks, it has never been felt to be beneficial to issue revenue bonds as a means of financing recreational facilities.

OTHER INFORMATION

Independent Audit

State statute requires an annual audit by an independent certified public accountant. The accounting firm of Plante Moran was selected by the Board of Commissioners. The audit is conducted in accordance with generally accepted auditing standards and the standards for financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States. The audit will meet the requirements set forth by State statute and will include tests of the accounting records of the Authority and other procedures necessary for Plante Moran to express an opinion on the financial statements.

The auditor's report on the financial statements, required supplementary information, and supplemental schedules are included in the Financial Section of this report.

Awards

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Huron-Clinton Metropolitan Authority for its comprehensive annual financial report for the year ended December 31, 2018. This was the fifteenth consecutive year that the Authority has achieved this prestigious award. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements and we are submitting it again to the GFOA to determine its eligibility for this award.

Acknowledgements

The preparation of this comprehensive annual financial report is a major undertaking and I want to acknowledge the extraordinary efforts of our Finance Department, and especially Supervisor of Accounting Rebecca Baaki and Accountant Molly Goike. Their assistance was absolutely essential and very much appreciated in submitting this report.

The input and guidance from our independent auditors, Plante Moran, was also appreciated to direct us through the compilation of our comprehensive annual financial report.

Finally, without the support and leadership of the Board of Commissioners this report would not have been possible.

Respectfully submitted,

Rebecca Franchock

Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Reporting

Presented to

Huron-Clinton Metropolitan Authority

Michigan

For its Comprehensive Annual Financial Report for the Fiscal Year Ended

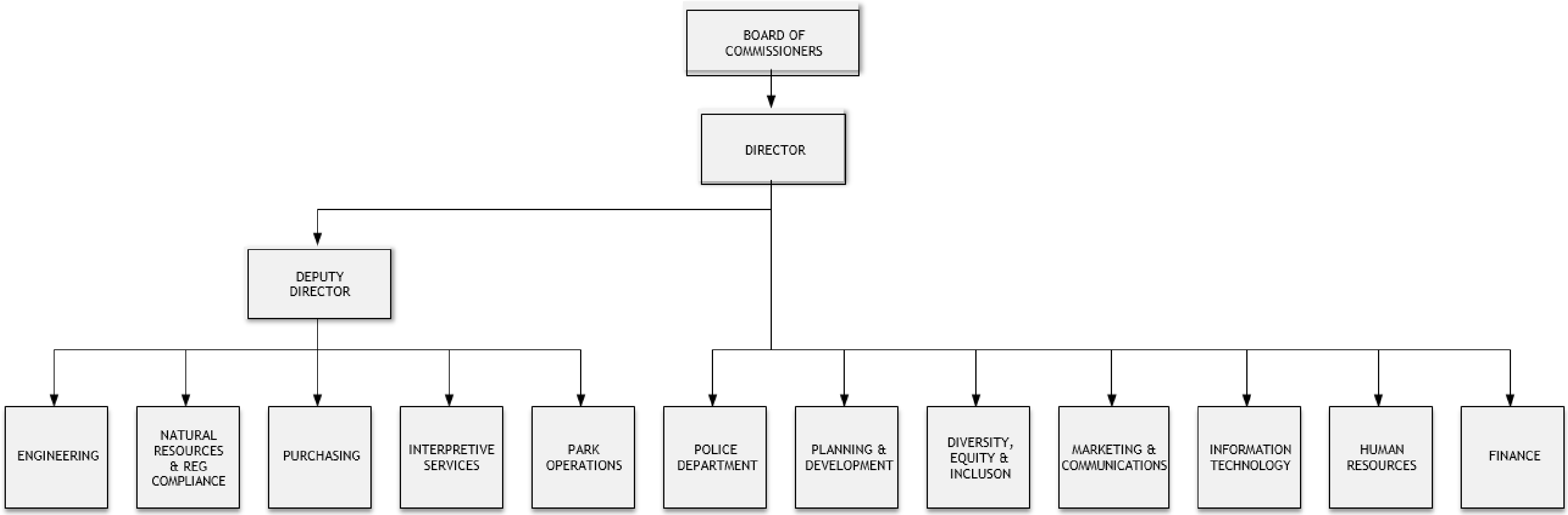
December 31, 2018

Christopher P. Morrill

Executive Director/CEO

HCMA FUNCTIONAL ORGANIZATION CHART

December 31, 2019



List of Principal Officials

Unit - Title	Name of Official
Administrative Staff	
Director	Amy McMillan
Deputy Director	David Kirbach
Chief of Finance	Rebecca Franchock
Supervisor of Accounting	Rebecca Baaki
Chief of Natural Resources & Regulatory Compliance	Tyler Mitchell
Chief of Police	Michael Reese
Chief of Diversity, Equity and Inclusion	Artina Sadler
Chief of Marketing and Communications	Danielle Mauter
Chief of Information Technology	Robert Rudolph
Chief of Interpretive Services	Jennifer Jaworski
Chief of Engineering	Michael Henkel
Chief of Human Resources & Labor Relations	Randy Rossman
Chief of Planning & Development	Nina Kelly
Supervising Field Engineer	Jim Soraghan
Supervising Design Engineer	Laura Martin
Eastern District	
District Park Superintendent	Michael Lyons
District Maintenance Supervisor	Mark Lietaert
District Interpretive Services Supervisor	Julie Champion
Park Operations Manager - Stony Creek and Wolcott Mill Metroparks	Gary Hopp
Park Operations Manager - Lake St Clair Metropark	Joseph Hall
Western District	
District Park Superintendent	Jeffrey Brown
District Maintenance Supervisor	Adam Haberkorn
District Interpretive Services Supervisor	Victoria Taylor-Sluder
Park Operations Manager – Kensington and Indian Springs Metroparks	Eric Koppin
Park Operations Manager - Hudson Mills, Dexter-Huron, Delhi and Huron Meadows Metroparks	Tamra Bezzeg
Southern District	
District Park Superintendent	Jerome Cyr
District Maintenance Supervisor	David Juchartz
District Interpretive Services Supervisor	Kevin Arnold
Park Operations Manager - Lower Huron, Willow, and Oakwoods Metroparks	Jeffrey Schuman
Park Operations Manager - Lake Erie Metropark	Jeffrey Linn

Financial Section

Plante & Moran, PLLC
Suite 400
1000 Oakbrook Drive
Ann Arbor, MI 48104
Tel: 734.665.9494
Fax: 734.665.0664
plantemoran.com

Independent Auditor's Report

To the Board of Commissioners
Huron-Clinton Metropolitan Authority

Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of Huron-Clinton Metropolitan Authority (the "Authority") as of and for the year ended December 31, 2019 and the related notes to the financial statements, which collectively comprise Huron-Clinton Metropolitan Authority's basic financial statements, as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information of Huron-Clinton Metropolitan Authority as of December 31, 2019 and the respective changes in its financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

To the Board of Commissioners
Huron-Clinton Metropolitan Authority

Other Matters

Required Supplemental Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, budgetary comparison information, pension schedules, and other postemployment benefit schedules be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, which considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplemental information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise Huron-Clinton Metropolitan Authority's basic financial statements. The other supplemental information, as identified in the table of contents, and introductory section and statistical section schedules are presented for the purpose of additional analysis and are not a required part of the basic financial statements.

The other supplemental information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the other supplemental information is fairly stated in all material respects in relation to the basic financial statements as a whole.

The introductory section and statistical section schedules have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and, accordingly, we do not express an opinion or provide any assurance on them.

Plante & Moran, PLLC

June 15, 2020

As management of the Huron-Clinton Metropolitan Authority, we offer the readers of the Authority's financial statements this narrative overview and analysis of the financial activities of the Huron-Clinton Metropolitan Authority for the year ended December 31, 2019. We encourage readers to consider the information presented here in conjunction with additional information that we have furnished in our letter of transmittal, the financial statements, and the notes to the financial statements.

Financial Highlights

The assets of the Authority exceeded its liabilities and deferred inflows at the end of 2019 by $214,100,804 (net position). Of this amount, $21,598,437 (unrestricted net position) may be used to meet the Authority's ongoing obligations to provide park and recreation services to the citizens of the five-county Metropark system.

The Authority's total net position increased by $3,348,645.

Authority General Fund revenues of approximately $55 million were more than the expected 2019 final budget targets by $2,220,848 (4.2 percent).

Authority General Fund expenditures of approximately $51 million were under amended 2019 budget amounts by $5,194,375 (10.1 percent).

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Authority's basic financial statements. The Authority's basic financial statements are comprised of three components: (1) government-wide financial statements, (2) fund financial statements, and (3) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

Government-Wide Financial Statements. The government-wide financial statements are designed to provide readers with a broad overview of the Authority's finances in a manner like a private-sector business.

The *statement of net position* presents information on all the Authority's assets, deferred outflows of resources, liabilities and deferred inflows of resources, with the difference between the assets and deferred outflows and the liabilities and deferred inflows reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the Authority is improving or deteriorating.

The *statement of activities* presents information showing how the Authority's net position changed during the most recent year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future years (i.e., earned but unused vacation leave).

Both of the government-wide financial statements distinguish functions of the Authority that are principally supported by taxes and program revenues. The sole governmental activity of the Authority consists of providing regional park and recreation services in the five-county metropolitan Detroit area. The Authority is a single purpose governmental agency.

Fund financial statements. A *fund* is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The Authority, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of the Authority can be divided into two categories: governmental funds and fiduciary funds.

Governmental funds. *Governmental funds* are used to account for essentially the same functions reported as *governmental activities* in the government-wide financial statements. However, unlike the government-wide financial statements, government fund financial statements focus on *near-term inflows and outflows of spendable resources*, as well as on *balances of spendable resources* available at the end of the year. Such information may be useful in evaluating a government's near-term financing requirements.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for *governmental funds* with similar information presented for *governmental activities* in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures, and changes in fund balances provide a reconciliation to facilitate this comparison between *governmental funds* and *governmental activities*.

The Authority maintains three individual governmental funds. Information is presented separately in the governmental fund balance sheet and in the governmental fund statement of revenues, expenditures and changes in fund balances for the General, Supplemental Major Maintenance and Capital Projects funds, each of which are considered to be major funds.

The Authority adopts an annual appropriated budget for its General Fund. A budgetary comparison statement has been provided herein to demonstrate compliance with this budget.

Fiduciary funds. Fiduciary funds are used to account for resources held for the benefit of parties outside the government. Fiduciary funds are not reflected in the government-wide financial statements because the resources of those funds are not available to support the Authority's own programs. The accounting used for fiduciary funds is much like that used for proprietary funds. The Authority uses a fiduciary fund to account for (1) its single employer, defined benefit pension plan, which accumulates resources for pension benefit payments to qualified Authority employees, and (2) its Retiree Health Care Plan and Trust, which accumulates resources for health care benefit payments to qualified Authority retirees. These funds are based on the Plan's December 31 fiscal year ends.

The Defined Benefit Pension Plan is administrated by a third party. An actuarial valuation determines the funding required annually. Under GASB Statement No. 68, the net pension liability as of December 31, 2019 totaled $18,911,459, which was a decrease of $6,254,630 from December 31, 2018. The Authority contributed $3,400,000 for this period.

The Authority established the Retiree Health Care Plan Trust in October 2005 for the exclusive purpose of prefunding retiree healthcare benefits for eligible retirees and spouses.

The Retiree Health Care Plan and Trust was established October 1, 2005 pursuant to Section 115 of the Internal Revenue Code of 1986 and under the authority of the Public Employee Health Care Fund Investment Act, Public Act 149 of 1999. It provides funding for eligible retiree and spousal health care, life and dental benefits. An actuarial valuation is required every two years and the last valuation was done as of December 31, 2018. Additional work was performed as of December 31, 2019 in accordance with GASB 74 which determined other post-employment benefits (OPEB) liability to be $37,781,845. At the end of the Plan's fourteenth fiscal year, the actuarial value of Trust assets totaled $31,499,012 (83.37 percent) and net OPEB liability totaled $6,282,833. The Authority exceeded the funding required by the Annual Required Contribution (ARC) by transferring $1,100,000 from the General Fund to the Retiree Health Care Trust for the Plan year ended December 31, 2019.

Notes to the financial statements. The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements.

Other information. In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information. This information is limited to schedules concerning the Authority's progress in funding its obligation to provide pension and other post-employment benefits to its employees.

Government-Wide Financial Analysis

As noted earlier, net position may serve over time as a useful indicator of a government's financial position. In the case of the Huron-Clinton Metropolitan Authority, assets exceeded liabilities and deferred inflows by $214,100,804 at the close of the year.

By far the largest portion of the Authority's net position (90 percent) reflects its investment in capital assets (i.e., land, buildings, infrastructure, roads, park improvements, vehicles, and equipment). The Authority uses these capital assets to provide park and recreation services to citizens; consequently, these assets are not available for future spending.

The Authority does not have any bonded debt.

Net Position

	Governmental Activities	
	2019	2018
	(in thousands)	
Assets		
Current and other assets	$ 89,360,367	$ 32,685,789
Capital assets, net	192,106,043	194,826,998
Total assets	281,466,410	227,512,787
Deferred Outflows of Resources	2,297,502	8,367,668
Liabilities		
Long-term liabilities outstanding	27,159,758	40,079,747
Other liabilities	3,600,746	3,459,924
Total liabilities	30,760,504	43,539,671
Deferred Inflows of Resources	38,902,604	31,588,625
Net Position		
Net investment in capital assets	192,106,043	194,826,998
Restricted	396,324	374,301
Unrestricted	21,598,437	15,550,860
Total net position	**$ 214,100,804**	**$ 210,752,159**

A portion of the Authority's net position is restricted. Amounts have been restricted for future maintenance or construction of the Lake St. Clair Marina facility, per grant requirements. In addition, per contract requirements with an outside party, amounts have been restricted related to the Hudson Mills canoe livery. The unrestricted net position may be used to meet the Authority's ongoing obligations for park and recreation facilities and services to citizens and creditors.

At the end of the current year, the Authority is able to report a positive balance in net position. The same situation held true for the prior fiscal year.

The Authority's net position increased by $3,348,645 during the current year.

	Change in Net Position Governmental Activities	
	2019	2018
	(in thousands)	
Revenue		
Program revenue:		
Park charges for services	$ 19,958,822	$ 19,802,276
Operating grants	1,393,263	907,043
Capital grants	234,114	76,311
General revenue:		
Property taxes	31,272,479	31,675,974
Oil and gas royalties	60,956	95,652
Donations	82,536	19,065
Interest	1,298,111	785,931
Gain on sale of capital assets	160,318	-
Miscellaneous	1,001,867	791,122
Total revenue	55,462,466	54,153,374
Expenses		
Recreation and culture	52,113,821	52,932,867
Total expenses	52,113,821	52,932,867
(Decrease) Increase in Net Position	3,348,645	1,220,507
Net Position - Beginning of year	210,752,159	209,531,652
Net Position - End of year	**$ 214,100,804**	**$ 210,752,159**

Governmental Activities

Governmental activities increased the Authority's net position by $3,348,645, as total 2019 operating revenues of $55.5 million exceeded total expenditures of $52.1 million.

Change in Net Position

The change in net position for 2019 is approximately $2.1 million more than the change in net position for 2018.

Financial Analysis of the Government's Funds

As noted earlier, the Authority uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

Governmental funds. The focus of the Authority's *governmental funds* is to provide information on near-term inflows, outflows, and balances of spendable resources. Such information is useful in assessing the Authority's financing requirements. In particular, *unassigned fund balance* may serve as a useful measure of a government's net resources available for spending at the end of the year.

As of the end of the current year, the Authority's governmental funds reported a combined ending fund balance of $54,325,112, an increase of $5,884,967 compared to 2018. Approximately 46 percent of this total amount ($25.0 million) constitutes "unassigned" fund balance. Approximately 2 percent of this total amount ($0.9 million) is considered nonspendable. Approximately one percent of the total amount ($0.4 million) is considered restricted. Approximately 12 percent of this total amount ($6.6 million) is considered assigned. The remainder of fund balance ($21.4 million) is "committed" to indicate that it is not available for new spending because it has already been committed for: (1) capital projects-$9.6 million, (2) supplemental major maintenance-$5.1 million, (3) future land purchases-$5.5 million, and (4) health insurance rate stabilization funds-$1.1 million.

The general fund is the primary operating fund of the Authority. At the end of the current year, unassigned fund balance of the general fund was $25,023,058 while total fund balance was $39,621,945. As a measure of the general fund's liquidity, it may be useful to compare unassigned fund balance to revenues. The Authority's goal is to maintain the unassigned fund balance within a range of 25 to 30% of general fund revenues, and at year end the unassigned fund balance was 46% of general fund revenues of $55 million. The Board of Commissioners has approved a systematic buildup of fund balance with the knowledge of our deferred infrastructure.

The fund balance of the Authority's general fund increased by $3,417,430.

The following paragraphs present a summary of general fund revenues, which totaled $54,781,532 for 2019, an overall increase of $597,302 from 2018. Revenues by source were as follows:

Revenues	2019 Amount	Percent of Total	2018 Amount	Amount of Increase (Decrease)	Percent of Increase (Decrease)
Property Tax	$ 31,312,009	57.2%	$ 31,675,974	$ (363,965.00)	-1.1%
Park charges for services	19,896,506	36.3%	19,328,560	567,946	2.9%
Interest	1,016,519	1.9%	707,124	309,395	43.8%
Grants	1,191,797	2.2%	976,902	214,895	22.0%
Donations	202,516	0.4%	230,832	(28,316)	-12.3%
Proceeds from sale of capital assets	160,318	0.3%	473,716	(313,398)	-66.2%
Other revenue	1,001,867	1.8%	791,122	210,745	26.6%
Total	$ 54,781,532	100.0%	$ 54,184,230	$ 597,302	1.1%

The Authority's millage rate declined to 0.2129 mills in 2019 from 0.2140. Property tax revenue decreased from the prior year due to a reduction in local stabilization payment from the State of Michigan. Although the millage rate declined, total property tax revenue exclusive of the stabilization payment increased. We expect taxable values to continue to rise triggering further roll-backs of the millage rate and mitigating recovery of property tax revenue generated.

The $19,896,506 of 2019 park operating revenues exceeded the 2019 budget goal of $19,704,924 by $191,582 (1.0 percent). This represented a $567,946 (2.9 percent) increase from 2018 revenues. Two leading sources of operating revenue are tolling and golf.

Interest income derived from investments in Certificates of Deposits and U.S. Agency issues increased to $1,016,519 in 2019. This was a 43.8 percent increase from 2018 interest income.

The Authority recognized $1,191,797 in intergovernmental revenue in 2019. This includes $591,299 for the 2019 local stabilization – personal property tax reimbursement as well as $583,669 for the LCSA 2020 receivable amount.

Other revenues increased $210,745 from 2018.

General fund expenditures were $46,461,321 for 2019, a decrease of $19,520 from 2018's expenditures. A detailed breakdown of expenditures by major category is as follows:

Expenditures		2019 Amount	Percent of Total		2018 Amount		Amount of Increase (Decrease)	Percent of Increase (Decrease)
Equipment	$	1,960,795	4.2%	$	1,836,785	$	124,010	6.8%
Major maintenance		900,470	1.9%		2,546,141		(1,645,671)	-64.6%
Administrative office		9,641,369	20.8%		9,254,259		387,110	4.2%
Park operations		33,958,687	73.1%		32,843,656		1,115,031	3.4%
Total	$	46,461,321	100.0%	$	46,480,841	$	(19,520)	0.0%

Equipment having an individual value in excess of $5,000 is capitalized. During 2019 a total of $1,960,795 was spent equipping the Metroparks system, up from the 2018 amount of $1,836,785. Auto and truck acquisitions totaled approximately $559,000. Heavy equipment (mowers, tractors, golf cars, etc.) purchases accounted for approximately $1,038,000. $248,000 of purchases related to other equipment such as a computer backup system, pontoon boat, two aerifiers, trailer and other equipment.

The Authority classifies all non-recurring repair/maintenance-type projects that exceed $10,000 as Major Maintenance expenses. These projects do not substantially improve or alter an existing facility and, therefore, are not capitalized. During 2019, major maintenance costs for various projects was $900,470. A decrease of $1,645,671 from 2018.

Administration Office expenses reflect the cost of running the Authority's centralized Administrative Office, which ran $9,641,369 in 2019, up 4.2 percent from 2018. This covers the cost of 53 full time equivalent employees, materials, supplies and outside consultants utilized in managing the entire Metroparks system.

The direct operating costs associated with operating and maintaining the 13 Metroparks to serve 5.9 million visitors consumed $34.0 million of Authority funds. Comparing this $34.0 million of park operating costs to 2018 expenditures of $32.8 million shows that overall park operating costs increased by $1,115,031 (3.4 percent). Personnel related costs, which comprise 74 percent of park operating expenses, increased from- $24,147,604 to $25,196,647 – up $1,049,043 (4.3 percent). An increase of full time equivalents from 489 to 506 is the primary cause of the increase. The other 26 percent of park operating expenditures relate to material/supply/outside contractual services, which incurred $8,762,030 of expenses, up $66,007 (1.0 percent). This is primarily a result of an increase in tools and equipment costs as well as outside services.

The supplemental major maintenance fund is utilized by the Authority to record supplemental major maintenance projects that are non-recurring expenditures to repair/replace existing Metropark infrastructure that is deemed critical to park operations. Funds for these projects are provided from oil/gas revenue. During 2019, $60,956 of royalty payments were received, with generated investment income totaling $104,514. At the end of the current year, total fund balance committed in the capital projects fund was $5,064,767.

The fund balance of the Authority's supplemental major maintenance fund increased by $165,470.

The following paragraph presents a summary of supplemental major maintenance fund revenues, which totaled $165,470 for 2019, an overall decrease of $8,989 from 2018. Revenues by source were as follows:

Revenues	2019 Amount	Percent of Total	2018 Amount	Amount of Increase (Decrease)	Percent of Increase (Decrease)
Oil and gas royalties	$ 60,956	0.1%	$ 95,652	$ (34,696)	-36.3%
Interest	104,514	0.2%	78,807	25,707	32.6%
Total	$ 165,470	0.3%	$ 174,459	$ (8,989)	-5.2%

The revenues from oil and gas royalty payments at Kensington Metropark decreased by $34,696 from 2018 levels. Interest income derived from investments in money market funds and U.S. Agency issues increased, rising from $78,807 to $104,514 in 2019 as interest rates rose during the year.

Supplemental Major Maintenance Project fund expenditures were $0 for 2019, the same as 2018.

General Fund Budgetary Highlights

Over the course of the year, the Authority's Board of Commissioners amended the budget to account for changes made necessary due to unanticipated events or situations requiring increased expenditures for operations activities.

The original General Fund budget anticipated a $2,533,505 use of fund balance, while the final amended budget increased this to $3,908,111. The actual change in fund balance for the 2019 fiscal year was an increase of $3,417,430.

During the year, general fund revenues were over final budgetary estimates in total by $2,220,848. Park operating revenues exceeded the amended budgeted target of $19,704,924 by $191,582. This was augmented by $816,519 more of interest and $683,154 more of other revenues then the budget anticipated.

Park operation and administrative expenditures were significantly less than anticipated by approximately $2,745,925. Major maintenance expenditures were also less than planned, coming in approximately $2,268,239 under final budget projections. This is due to some projects being delayed or deemed not necessary at this time. Capital expenditures were under budget by approximately $180,211, the result of positive variance in pricing on capital equipment purchases.

Capital Assets and Debt Administration

Capital assets. The Authority's investment in capital assets for its governmental-type activities as of December 31, 2019 amounted to $192,106,043 (net of accumulated depreciation). This investment in capital assets includes land, land improvements (golf courses, etc.), buildings, roads, bridges, sewer/water systems, park facilities, and equipment. The total decrease in the Authority's investment in capital assets (net of depreciation) for the year totaled $2,720,956 (1.4 percent).

Major capital asset events during the current year included the following:

• 26 Mile Road Bridge and Deck Rehabilitation	Stony Creek	$783,662
• Sanitary Sewer Rehabilitation	Stony Creek	401,186
• Sanitary Pump Replacement	Lake St. Clair	345,412
• Boat Launch Site Redevelopment	Stony Creek	223,231
• Stormwater Improvements	Lake St. Clair	157,853
• Black Creek Fishing Access	Lake St. Clair	109,119

	Capital Assets (Net of Depreciation) Governmental Activities	
	2019	2018
Land	$ 46,961,100	$ 46,961,099
Land improvements	35,423,898	35,423,898
Construction in progress	1,304,006	4,218,624
Buildings	31,878,851	32,786,313
Equipment	9,725,756	9,594,314
Other improvements	37,599,292	36,400,652
Infrastructure	29,213,140	29,442,099
Total	**$ 192,106,043**	**$ 194,826,999**

Additional information on the Authority's capital assets can be found in Note 6 in the Notes to Financial Statements.

Long-term debt. The Authority has recognized $3,748,048 in accrued compensated absences.

The Authority has no bonded debt or capital leases.

Additional information on the Authority's long-term debt can be found in Note 7 in the Notes to the Financial Statements.

Economic Factors and Next Year's Budget and Rates

The Metroparks general fund revenue is based on two main components, property tax revenue and operating revenue generated by user fees. Grant revenue provides periodic support for projects. Following the 2008 recession the Metroparks have worked to generate operating revenue to offset the resulting tax revenue loss. On average currently, forty percent of Metroparks revenue is generated from operations as opposed to thirty-three percent which had been the average previously. Tax revenue continues to slowly but steadily recovery.

Weather is always a factor on the $19.7 million of budgeted park operations. Wet, cool early summer weather dampened use of aquatics and other facilities. As is often the case, once the weather improved demand for outdoor activities drove attendance and park operations revenue targets were met.

The following factors guided the preparation of the Authority's 2020 Budget:

- Property tax revenues were based on a rolled back millage rate of 0.2117 mills. Down from 0.2129 in 2019. The 2020 Budget was based on "net" tax levy revenues of $33.0 million after factoring out estimated captured tax revenues from tax abatement programs. This represents a 3.5 percent increase from the 2019 amended budget.

- Fees and charges rates were held stable with the notable exception of annual permits which were increased.

- Capital equipment original budget reflected an increase of $251,689 (12.5%) from the 2019 original budget.

- Major maintenance planned projects reflected an increase of $831,047 (29.1%) from the 2019 original budget.

Requests for Information

This financial report is designed to provide a general overview of the Huron-Clinton Metropolitan Authority's finances for all those with an interest in the government's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Supervisor of Budget and Payroll, Huron-Clinton Metropolitan Authority, 13000 High Ridge Drive, Brighton, Michigan, 48114-9058.

Basic Financial Statements

Statement of Net Position

December 31, 2019

	Governmental Activities
Assets	
Cash and cash equivalents (Note 3)	$ 4,049,714
Investments (Note 3)	50,279,247
Receivables (Note 5)	34,127,430
Inventory	264,442
Prepaid expenses and other assets	639,534
Capital assets: (Note 6)	
Assets not subject to depreciation	83,689,004
Assets subject to depreciation - Net	108,417,039
Total assets	281,466,410
Deferred Outflows of Resources	
Deferred pension costs (Note 10)	634,068
Deferred OPEB costs (Note 11)	1,663,434
Total deferred outflows of resources	2,297,502
Liabilities	
Accounts payable	544,252
Accrued liabilities and other	754,375
Unearned revenue	322,525
Noncurrent liabilities:	
Due within one year - Compensated absences (Note 8)	1,979,594
Due in more than one year:	
Compensated absences (Note 8)	1,768,454
Net pension liability (Note 10)	18,911,459
Net OPEB liability (Note 11)	6,282,833
Estimated insurance liabilities (Note 9)	197,012
Total liabilities	30,760,504
Deferred Inflows of Resources	
Property taxes levied for the following year	32,618,609
Deferred pension cost reductions (Note 10)	1,955,075
Deferred OPEB cost reductions (Note 11)	4,328,920
Total deferred inflows of resources	38,902,604
Net Position	
Net investment in capital assets	192,106,043
Restricted:	
Lake St. Clair Marina	380,638
Hudson Mills Canoe Livery	15,686
Unrestricted	21,598,437
Total net position	**$ 214,100,804**

Statement of Activities

Year Ended December 31, 2019

	Expenses	Program Revenue: Charges for Services	Program Revenue: Operating Grants and Contributions	Program Revenue: Capital Grants and Contributions	Net (Expense) Revenue and Changes in Net Position: Governmental Activities
Functions/Programs -					
Primary government	**$ 52,113,821**	**$ 19,958,822**	**$ 1,393,263**	**$ 234,114**	$ (30,527,622)
General revenue:					
Taxes					31,272,479
Oil and gas revenue					60,956
Investment earnings					1,298,111
Donations					82,536
Gain on sale of capital assets					160,318
Other miscellaneous income					1,001,867
Total general revenue					33,876,267
Change in Net Position					3,348,645
Net Position - Beginning of year					210,752,159
Net Position - End of year					**$ 214,100,804**

See notes to financial statements.

Balance Sheet

December 31, 2019

	General Fund	Supplemental Major Maintenance Fund	Capital Projects Fund	Total Governmental Funds
Assets				
Cash and cash equivalents (Note 3)	$ 4,049,714	$ -	$ -	$ 4,049,714
Investments (Note 3)	37,127,813	5,056,079	8,095,355	50,279,247
Receivables (Note 5)	33,982,198	8,688	136,544	34,127,430
Due from other funds (Note 7)	-	-	1,465,967	1,465,967
Inventory	264,442	-	-	264,442
Prepaid expenses and other assets	639,534	-	-	639,534
Total assets	**$ 76,063,701**	**$ 5,064,767**	**$ 9,697,866**	**$ 90,826,334**
Liabilities				
Accounts payable	$ 503,072	$ -	$ 41,180	$ 544,252
Due to other funds (Note 7)	1,465,967	-	-	1,465,967
Accrued liabilities and other	754,375	-	-	754,375
Unearned revenue	322,525	-	-	322,525
Total liabilities	3,045,939	-	41,180	3,087,119
Deferred Inflows of Resources				
Unavailable revenue	777,208	-	18,286	795,494
Property taxes levied for the following year	32,618,609	-	-	32,618,609
Total deferred inflows of resources	33,395,817	-	18,286	33,414,103
Fund Balances (Note 15)				
Nonspendable:				
Inventory	264,444	-	-	264,444
Prepaids	639,504	-	-	639,504
Restricted	396,324	-	-	396,324
Committed	6,712,144	5,064,767	9,638,400	21,415,311
Assigned	6,586,471	-	-	6,586,471
Unassigned	25,023,058	-	-	25,023,058
Total fund balances	39,621,945	5,064,767	9,638,400	54,325,112
Total liabilities, deferred inflows of resources, and fund balances	**$ 76,063,701**	**$ 5,064,767**	**$ 9,697,866**	**$ 90,826,334**

See notes to financial statements.

Reconciliation of the Balance Sheet to the Statement of Net Position

December 31, 2019

Fund Balances Reported in Governmental Funds	$	54,325,112
Amounts reported for governmental activities in the statement of net position are different because:		
Capital assets used in governmental activities are not financial resources and are not reported in the funds:		
Cost of capital assets		296,446,482
Accumulated depreciation		(104,340,439)
Net capital assets used in governmental activities		192,106,043
Receivables that are not collected soon after year end are not available to pay for current period expenditures and, therefore, are reported as unavailable revenue in the funds		795,494
Some employee fringe benefits are payable over a long period of years and do not represent a claim on current financial resources; therefore, they are not reported as fund liabilities:		
Employee compensated absences		(3,748,048)
Pension benefits		(20,232,466)
Retiree healthcare benefits		(8,948,319)
Other long-term liabilities, such as claims and judgments, do not present a claim on current financial resources and are not reported as fund liabilities		(197,012)
Net Position of Governmental Activities	**$**	**214,100,804**

Statement of Revenue, Expenditures, and Changes in Fund Balances

Year Ended December 31, 2019

	General Fund	Supplemental Major Maintenance Fund	Capital Projects Fund	Total Governmental Funds
Revenue				
Taxes	$ 31,312,009	$ -	$ -	$ 31,312,009
Oil and gas royalties	-	60,956	-	60,956
Intergovernmental	1,191,797	-	117,171	1,308,968
Charges for services	19,896,506	-	-	19,896,506
Interest income	1,016,519	104,514	177,078	1,298,111
Donations	202,516	-	30,157	232,673
Other revenue	1,001,867	-	73,500	1,075,367
Total revenue	54,621,214	165,470	397,906	55,184,590
Expenditures				
Current services -				
Operating:				
Park operations	33,958,687	-	-	33,958,687
Major maintenance	900,470	-	-	900,470
Administrative offices	9,641,369	-	-	9,641,369
Capital outlay	1,960,795	-	2,998,620	4,959,415
Total expenditures	46,461,321	-	2,998,620	49,459,941
Excess of Revenue Over (Under) Expenditures	8,159,893	165,470	(2,600,714)	5,724,649
Other Financing Sources (Uses)				
Transfers in	-	-	4,902,781	4,902,781
Transfers out	(4,902,781)	-	-	(4,902,781)
Sale of capital assets	160,318	-	-	160,318
Total other financing (uses) sources	(4,742,463)	-	4,902,781	160,318
Net Change in Fund Balances	3,417,430	165,470	2,302,067	5,884,967
Fund Balances - Beginning of year	36,204,515	4,899,297	7,336,333	48,440,145
Fund Balances - End of year	**$ 39,621,945**	**$ 5,064,767**	**$ 9,638,400**	**$ 54,325,112**

Reconciliation of the Statement of Revenue, Expenditures, and Changes in Fund Balances to the Statement of Activities

Year Ended December 31, 2019

Net Change in Fund Balances Reported in Governmental Funds	$	5,884,967
Amounts reported for governmental activities in the statement of activities are different because:		
Governmental funds report capital outlays as expenditures; however, in the statement of activities, these costs are allocated over their estimated useful lives as depreciation:		
Capital outlay		4,879,190
Depreciation expense		(6,440,375)
Net book value of assets disposed of		(1,159,770)
Revenue in the statement of activities that does not provide current financial resources is not reported as revenue in the funds until it is available		117,558
Some employee costs (pension, OPEB, and compensated absences) do not require the use of current financial resources and, therefore, are not reported as expenditures in the governmental funds		264,087
Claims and similar costs that do not use current financial resources are not reported as expenditures in the governmental funds		(197,012)
Change in Net Position of Governmental Activities	**$**	**3,348,645**

See notes to financial statements.

Statement of Fiduciary Net Position

December 31, 2019

		Pension and OPEB Trust Funds
Assets		
Investments:		
Equity mutual funds	$	44,764,337
Fixed-income mutual funds		43,554,370
Collective investment trust		6,665,191
Accrued interest receivable		83,259
Total assets		95,067,157
Liabilities - Vouchers payable		107,921
Net Position		
Restricted:		
Pension		63,460,224
Postemployment benefits other than pension		31,499,012
Total net position	**$**	**94,959,236**

See notes to financial statements.

Statement of Changes in Fiduciary Net Position

Year Ended December 31, 2019

	Pension and OPEB Trust Funds
Additions	
Investment income (loss):	
Interest and dividends	$ 2,336,733
Net increase in fair value of investments	11,168,272
Investment-related expenses	(404,653)
Net investment income	13,100,352
Contributions:	
Employer contributions	4,500,000
Employee contributions	91,165
Total contributions	4,591,165
Total additions	17,691,517
Deductions - Benefit payments	5,897,366
Net Increase in Fiduciary Net Position	11,794,151
Net Position - Beginning of year	83,165,085
Net Position - End of year	**$ 94,959,236**

See notes to financial statements.

Note 1 - Significant Accounting Policies

Accounting and Reporting Principles

Huron-Clinton Metropolitan Authority (the "Authority") follows accounting principles generally accepted in the United States of America (GAAP) applicable to governmental units. Accounting and financial reporting pronouncements are promulgated by the Governmental Accounting Standards Board (GASB). The following is a summary of the significant accounting policies used by the Authority:

Reporting Entity

Huron-Clinton Metropolitan Authority was created in 1939 as a special district form of government to provide recreational facilities and services to residents of Livingston, Macomb, Oakland, Washtenaw, and Wayne counties. The Authority is governed by a Board of Commissioners from each of the five participating counties, and two commissioners appointed by the governor of Michigan. Principal funding for the Authority is derived from a property tax levy assessed in each of the five participating counties. In accordance with government accounting principles, there are no separate legal entities appropriate to be reported within these financial statements.

Fund Accounting

The Authority accounts for its various activities in several different funds in order to demonstrate accountability for how it spends certain resources; separate funds allow the Authority to show the particular expenditures for which specific revenue is used. The various funds are aggregated into two broad fund types:

Governmental Funds

Governmental funds include all activities that provide general governmental services that are not business-type activities. Governmental funds can include the General Fund, special revenue funds, debt service funds, capital project funds, and permanent funds. The Authority reports the following funds as "major" governmental funds:

- The General Fund is the Authority's primary operating fund because it accounts for all financial resources used to provide government services other than those specifically assigned to another fund.
- The Supplemental Major Maintenance Fund is used to record supplemental major maintenance projects of the Authority, which are nonrecurring expenditures to repair or replace existing park facilities. As designated by the Authority, oil and gas revenue received is earmarked to fund these projects.
- The Capital Projects Fund is used to account for capital improvement projects that result in the development of tangible assets. Funding is provided by the General Fund.

Fiduciary Funds

Fiduciary funds include amounts held in a fiduciary capacity for others. These amounts are not used to operate the Authority’s programs. The Authority reports pension and other postemployment benefit trust funds, which account for the Authority's single-employer defined benefit pension plan and other postemployment benefits plan. These plans accumulate resources for pension benefit and other postemployment benefit payments to qualified authority employees. The funds are based on the plans' December 31 fiscal year ends.

Note 1 - Significant Accounting Policies (Continued)

Interfund Activity

During the course of operations, the Authority has activity between funds for various purposes. Any residual balances outstanding at year end are reported as due from/to other funds and advances to/from other funds. While these balances are reported in fund financial statements, certain eliminations are made in the preparation of the government-wide financial statements. Balances between the funds included in governmental activities (i.e., the governmental and internal service funds) are eliminated so that only the net amount is included as internal balances in the governmental activities column.

Furthermore, certain activity occurs during the year involving transfers of resources between funds. In fund financial statements, these amounts are reported at gross amounts as transfers in/out. While reported in fund financial statements, certain eliminations are made in the preparation of the government-wide financial statements. Transfers between the funds included in governmental activities are eliminated so that only the net amount is included as transfers in the governmental activities column.

Basis of Accounting

The governmental funds use the current financial resources measurement focus and the modified accrual basis of accounting. This basis of accounting is intended to better demonstrate accountability for how the Authority has spent its resources.

Expenditures are reported when the goods are received or the services are rendered. Capital outlays are reported as expenditures (rather than as capital assets) because they reduce the ability to spend resources in the future; conversely, employee benefit costs that will be funded in the future (such as pension and retiree healthcare-related costs or sick and vacation pay) are not counted until they come due for payment. In addition, debt service expenditures, claims, and judgments are recorded only when payment is due.

Revenue is not recognized until it is collected or collected soon enough after the end of the year that it is available to pay for obligations outstanding at the end of the year. For this purpose, the Authority considers amounts collected within 60 days of year end to be available for recognition. Revenue not meeting this definition is classified as a deferred inflow of resources.

Fiduciary funds use the economic resources measurement focus and the full accrual basis of accounting. Revenue is recorded when earned, and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows.

Report Presentation

Governmental accounting principles require that financial reports include two different perspectives - the government-wide perspective and the fund-based perspective. The government-wide financial statements (i.e., the statement of net position and the statement of activities) report information on all of the nonfiduciary activities of the primary government. The government-wide financial statements are presented on the economic resources measurement focus and the full accrual basis of accounting. Property taxes are recognized as revenue in the year for which they are levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met. The statements also present a schedule reconciling these amounts to the modified accrual-based presentation found in the fund-based statements.

The statement of activities demonstrates the degree to which the direct expenses of a given function or segment are offset by program revenue. Direct expenses are those that are clearly identifiable with a specific function or segment. Program revenue includes: (1) charges to customers or applicants for goods, services, or privileges provided; (2) operating grants and contributions; and (3) capital grants and contributions. Taxes, unrestricted intergovernmental receipts, and other items not properly included among program revenue are reported instead as general revenue.

Note 1 - Significant Accounting Policies (Continued)

Separate financial statements are provided for governmental funds and fiduciary funds, even though the latter are excluded from the government-wide financial statements. Major individual governmental funds are reported as separate columns in the fund financial statements.

Specific Balances and Transactions

Cash and Investments

Cash and cash equivalents include cash on hand, demand deposits, and short-term investments with a maturity of three months or less when acquired. Investments are stated at fair value.

Receivables and Payables

In general, outstanding balances between funds are reported as "due to/from other funds." Activity between funds that is representative of lending/borrowing arrangements outstanding at the end of the fiscal year is referred to as "advances to/from other funds."

All trade and property tax receivables are shown as net of allowance for uncollectible amounts.

Inventories and Prepaid Items

Inventories are valued at average cost. Inventories are recorded as expenditures when consumed rather than when purchased. Certain payments to vendors reflect costs applicable to future fiscal years and are recorded as prepaid items in both government-wide and fund financial statements, when applicable.

Capital Assets

Capital assets, which include property, buildings, equipment, other improvements, and infrastructure (roads, bridges, paved pathways, and water/sewer lines), are reported in the applicable governmental activities column in the government-wide financial statements. Capital assets are defined by the Authority as assets with an initial individual cost of more than $5,000 for equipment and $10,000 for all other assets and an estimated useful life in excess of one year. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at estimated acquisition value at the date of donation.

Capital assets are depreciated using the straight-line method over the following useful lives:

Asset Classification	Depreciable Life - Years
Buildings	30 - 50
Equipment	3 - 25
Other improvements	15 - 60
Infrastructure	15 - 60

Deferred Outflows/Inflows of Resources

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element represents a consumption of net position that applies to future periods and will not be recognized as an outflow of resources (expense/expenditure) until then.

Note 1 - Significant Accounting Policies (Continued)

The Authority reports deferred outflows related to changes in assumptions and experience differences. Changes in assumptions relating to the net pension and OPEB liabilities are deferred and amortized over the expected remaining service lives of the employees and retirees in the plan. Experience differences relating to the net pension liability are deferred and amortized over the expected remaining service lives of the employees and retirees in the plan.

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element represents an acquisition of net position that applies to future periods and will not be recognized as an inflow of resources (revenue) until that time.

The Authority reports deferred inflows related to pension and OPEB, as well as property taxes. Differences between projected and actual earnings on pension and OPEB investments are amortized over the next five years and included in pension and OPEB expense. Experience differences relating to the net pension and OPEB liabilities are deferred and amortized over the expected remaining service lives of the employees and retirees in the plan.

Net Position Flow Assumption

The Authority will sometimes fund outlays for a particular purpose from both restricted and unrestricted resources. In order to calculate the amounts to report as restricted net position and unrestricted net position in the government-wide financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Authority’s policy to consider restricted net position to have been depleted before unrestricted net position is applied.

Fund Balance Flow Assumptions

The Authority will sometimes fund outlays for a particular purpose from both restricted and unrestricted resources (the total of committed, assigned, and unassigned fund balance). In order to calculate the amounts to report as restricted, committed, assigned, and unassigned fund balance in the governmental fund financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Authority’s policy to consider restricted fund balance to have been depleted before using any of the components of unrestricted fund balance. Furthermore, when the components of unrestricted fund balance can be used for the same purpose, committed fund balance is depleted first, followed by assigned fund balance. Unassigned fund balance is applied last.

Fund Balance Policies

Fund balance of governmental funds is reported in various categories based on the nature of any limitations requiring the use of resources for specific purposes.

The nonspendable fund balance component represents amounts that are not in spendable form or are legally or contractually required to be maintained intact. Restricted fund balance represents amounts that are legally restricted by outside parties, constitutional provisions, or enabling legislation for use for a specific purpose. The Authority itself can establish limitations on the use of resources through either a commitment (committed fund balance) or an assignment (assigned fund balance).

- *Nonspendable* - Amounts that are not in spendable form or are legally or contractually required to be maintained intact
- *Restricted* - Amounts that are legally restricted by outside parties, constitutional provisions, or enabling legislation for use for a specific purpose
- *Committed* - Amounts that are constrained on use by the Authority's highest level of decision-making authority, its Board of Commissioners. A fund balance commitment may be established, modified, or rescinded by a resolution of the Board of Commissioners.

Note 1 - Significant Accounting Policies (Continued)

- *Assigned* - Amounts intended to be used for specific purposes, as determined by the Board of Commissioners. Residual amounts in governmental funds other than the General Fund are automatically assigned by their nature.
- *Unassigned* - Amounts that do not fall into any other category above. This is the residual classification for amounts in the General Fund and represents fund balance that has not been assigned to other funds and has not been restricted, committed, or assigned to specific purposes in the General Fund. In other governmental funds, only negative unassigned amounts are reported, if any, and represent expenditures incurred for specific purposes exceeding the amounts previously restricted, committed, or assigned to those purposes.

Property Tax Revenue

Property taxes are levied on each December 1 and become an enforceable lien at that time; the tax is based on the taxable valuation of property as of the preceding December 31. Taxes are considered delinquent on March 1 of the following year, at which time penalties and interest are assessed.

The Authority's 2018 property tax revenue was levied and collectible on December 1, 2018 and is recognized as revenue in the year ended December 31, 2019 when the proceeds of the levy are budgeted and available for the financing of operations.

The 2018 taxable valuation of the Authority totaled $150.2 billion (a portion of which is abated), on which taxes levied consisted of 0.2129 mills for operating purposes. This resulted in $31.3 million for operating expenses, exclusive of any Michigan Tax Tribunal or board of review adjustments.

Pension

The Authority offers a defined benefit pension plan to its employees. The Authority records a net pension liability for the difference between the total pension liability calculated by the actuary and the pension plan’s fiduciary net position. For the purpose of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Huron-Clinton Metropolitan Authority Employees' Retirement Plan and Trust and additions to/deductions from the pension plan’s fiduciary net position have been determined on the same basis as they are reported by the pension plan. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest-earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

Other Postemployment Benefit Costs

The Authority offers retiree healthcare benefits to retirees. The Authority records a net OPEB liability for the difference between the total OPEB liability calculated by the actuary and the OPEB plan’s fiduciary net position. For the purpose of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the Retiree Health Care Plan and Trust and additions to/deductions from the OPEB plan’s fiduciary net position have been determined on the same basis as they are reported by the OPEB plan. For this purpose, benefit payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest-earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

Note 1 - Significant Accounting Policies (Continued)

Compensated Absences (Vacation and Sick Leave)

It is the Authority's policy to permit employees to accumulate earned but unused sick and vacation pay benefits. Sick pay is accrued for the estimated amount that the Authority will pay upon employment termination; vacation pay is accrued when incurred. Both of these are reported in the government-wide and proprietary fund financial statements. A liability for these amounts is reported in governmental funds only for employee terminations as of year end. Generally, the funds that report each employee’s compensation are used to liquidate the obligations.

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

Upcoming Accounting Pronouncement

In June 2017, the GASB issued Statement No. 87, *Leases*, which improves accounting and financial reporting for leases by governments. This statement requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this statement, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources. The Authority is currently evaluating the impact this standard will have on the financial statements when adopted. The provisions of this statement are effective for the Authority's financial statements for the year ending December 31, 2022.

Adoption of New Accounting Pronouncements

During the current year, the Authority adopted GASB Statement No. 84, *Fiduciary Activities*, which establishes criteria for identifying and reporting fiduciary activities. There was no significant impact as a result of implementing this standard.

Subsequent Events

The financial statements and related disclosures include evaluation of events up through and including June 15, 2020, which is the date the financial statements were available to be issued.

On March 11, 2020, the World Health Organization declared the outbreak of a respiratory disease caused by a new coronavirus a pandemic. First identified in late 2019 and now known as COVID-19, the outbreak has impacted thousands of individuals worldwide. In response, many countries have implemented measures to combat the outbreak that have impacted business operations. As of the date of issuance of the financial statements, the Authority's operations have not been significantly impacted, but the Authority holds significant investments that are subject to the general decline in financial markets. However, because the values of individual investments fluctuate with market conditions, the amount of losses that will be recognized in subsequent periods, if any, cannot be determined. No impairments were recorded as of the statement of net position date; however, due to significant uncertainty surrounding the situation, management continues to monitor the situation, and judgment regarding this could change in the future. In addition, while the Authority’s results of operations, cash flows, and financial condition could be negatively impacted, the extent of the impact cannot be reasonably estimated at this time.

Note 2 - Stewardship, Compliance, and Accountability

Budgetary Information

Annual budgets are adopted on a basis consistent with generally accepted accounting principles and state law for the General Fund and are adopted on a category level (i.e., park operations, major maintenance, administrative offices, equipment, and transfers out). All annual appropriations lapse at fiscal year end. The legal level of budgetary control adopted by the governing body (i.e., the level at which expenditures may not legally exceed appropriations) is the function level. State law requires the Authority to have its budget in place by January 1. Expenditures in excess of amounts budgeted are a violation of Michigan law. State law permits districts to amend their budgets during the year. During the year, the budget was amended in a legally permissible manner. There were no significant amendments during the year.

Encumbrance accounting is employed in governmental funds. Encumbrances (e.g. purchase orders, contracts) are not tracked during the year. Budget appropriations are considered to be spent once the goods are delivered or the services rendered.

Excess of Expenditures Over Appropriations in Budgeted Funds

The Authority did not have significant expenditure budget variances.

Note 3 - Deposits and Investments

Deposits and investments are reported in the financial statements as follows:

	Governmental Activities	Fiduciary
Cash and cash equivalents	$ 4,049,714	$ -
Investments	50,279,247	94,983,898
Total deposits and investments	$ 54,328,961	$ 94,983,898

These amounts are classified into the following deposit and investment categories:

	Governmental Activities	Fiduciary Funds
Deposits with financial institutions	$ 4,016,094	$ -
Investments:		
Reported at cost:		
Short-term funds (2a7-like)	11,780,808	-
U.S. agency bonds	7,976,594	-
Certificates of deposit	28,532,707	-
U.S. Treasury	1,989,138	-
Reported at fair value:		
Equity mutual funds	-	44,764,337
Fixed-income mutual funds	-	43,554,370
Collective investment trust	-	6,665,191
Petty cash or cash on hand	33,650	-
Total	$ 54,328,991	$ 94,983,898

Note 3 - Deposits and Investments (Continued)

Michigan Compiled Laws Section 129.91 (Public Act 20 of 1943, as amended) authorizes local governmental units to make deposits and invest in the accounts of federally insured banks, credit unions, and savings and loan associations that have offices in Michigan. The law also allows investments outside the state of Michigan when fully insured. The local unit is allowed to invest in bonds, securities, and other direct obligations of the United States or any agency or instrumentality of the United States; repurchase agreements; bankers' acceptances of United States banks; commercial paper rated within the two highest classifications that matures not more than 270 days after the date of purchase; obligations of the State of Michigan or its political subdivisions that are rated as investment grade; and mutual funds composed of investment vehicles that are legal for direct investment by local units of government in Michigan.

The pension trust fund and retiree healthcare fund are also authorized by Michigan Public Act 314 of 1965, as amended, to invest in certain reverse repurchase agreements, stocks, diversified investment companies, annuity investment contracts, real estate leased to public entities, mortgages, real estate (if the trust fund's assets exceed $250 million), debt or equity of certain small businesses, certain state and local government obligations, and certain other specified investment vehicles.

The Authority has designated 11 banks for the deposit of its funds. The investment policy adopted by the board in accordance with Public Act 196 of 1997 has authorized investment in bonds and securities of the United States government and bank accounts and CDs, but not the remainder of state statutory authority, as listed above. The Authority's deposits and investments are in accordance with statutory authority.

There are no limitations or restrictions on participant withdrawals for the investment pools that are recorded at amortized cost.

The Authority's cash and investments are subject to several types of risk, which are examined in more detail below:

Custodial Credit Risk of Bank Deposits

Custodial credit risk is the risk that, in the event of a bank failure, the Authority's deposits may not be returned to it. The Authority does not have a policy for custodial credit risk. At year end, the Authority had $28,574,311 of bank deposits (certificates of deposit and checking and savings accounts). Of that amount, $2,814,610 was covered by federal depository insurance, and the remainder was uninsured and uncollateralized. The Authority believes that, due to the dollar amounts of cash deposits and the limits of Federal Deposit Insurance Corporation (FDIC) insurance, it is impractical to insure all deposits. As a result, the Authority evaluates each financial institution with which it deposits funds and assesses the level of risk of each institution; only those institutions with an acceptable estimated risk level are used as depositories.

Custodial Credit Risk of Investments

Custodial credit risk is the risk that, in the event of the failure of the counterparty, the Authority will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The Authority does not have a policy for custodial credit risk. At year end, the Authority had no investment securities that were uninsured and unregistered, with securities held by the counterparty or by its trust department or agent but not in the Authority's name.

Interest Rate Risk

Interest rate risk is the risk that the value of investments will decrease as a result of a rise in interest rates. The Authority's investment policy does not restrict investment maturities other than commercial paper, which can only be purchased with a 270-day maturity.

Note 3 - Deposits and Investments (Continued)

At year end, the Authority had the following investments:

Investment	Carrying Value	Weighted-average Maturity (Years)
Primary Government		
U.S. Treasury	$ 1,989,138	0.20
U.S. agency bonds	7,976,594	2.10
Fixed-income mutual funds	43,554,370	5.14

Credit Risk

State law limits investments in commercial paper to the top two ratings issued by nationally recognized statistical rating organizations. The Authority's investment policy abides by this limitation. At December 31, 2019, the Authority's investments were within these guidelines.

Investment	Carrying Value	Rating	Rating Organization
Primary Government			
U.S. agency bonds	$ 7,976,594	Aaa	Moody's
U.S. Treasury	1,989,138	Aaa	Moody's
Equity mutual funds	44,764,337	Not rated	
Fixed-income mutual funds	43,554,370	Not rated	
Collective investment trust	6,665,191	Not rated	
Money market	1,881,780	Not rated	
Comerica J-Fund	11,780,808	Not rated	
Total	$ 118,612,218		

Concentration of Credit Risk

The Authority places no limit on the amount it may invest in any one issuer. The Authority does not have any investments subject to concentration of credit risk.

Note 4 - Fair Value Measurements

The Authority categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the assets. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. Investments that are measured at fair value using net asset value (NAV) per share (or its equivalent) as a practical expedient are not classified in the fair value hierarchy.

In instances whereby inputs used to measure fair value fall into different levels in the fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation. The Authority’s assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset.

The Authority has the following recurring fair value measurements as of December 31, 2019:

- Equity and fixed-income mutual funds of $88,318,707 are valued using quoted market prices (Level 1 inputs).
- U.S. agency bonds and U.S. Treasury bills of $9,965,732 are valued using independent quotation bureaus that use computerized valuation formulas to calculate current values (Level 2 inputs).

Note 4 - Fair Value Measurements (Continued)

Investments in Entities that Calculate Net Asset Value per Share

The Authority holds shares or interests in investment companies whereby the fair value of the investments is measured on a recurring basis using net asset value per share (or its equivalent) of the investment companies as a practical expedient.

As of December 31, 2019, the Authority held $6,665,191 of collective investment trusts valued at net asset value. The collective investment funds are subject to a quarterly redemption process that requires 65 days prenotification. Funds are redeemable at NAV. There is also a 10 percent holdback on final payments under which the amount is held in escrow until completion of the fund's audit.

Note 5 - Receivables

Receivables as of December 31, 2019 for the Authority in the aggregate are as follows:

	General Fund	Supplemental Major Maintenance Fund	Capital Projects Fund	Governmental Activities
Property taxes receivable - Net	$ 32,286,820	$ -	$ -	$ 32,286,820
Accrued interest receivable	160,103	-	14,121	174,224
Other receivables	274,784	8,688	4,047	287,519
Due from other governments	1,260,491	-	118,376	1,378,867
Total	$ 33,982,198	$ 8,688	$ 136,544	$ 34,127,430

Note 6 - Capital Assets

Capital asset activity of the Authority's governmental activities was as follows:

Governmental Activities

	Balance January 1, 2019	Reclassifications	Additions	Disposals and Adjustments	Balance December 31, 2019
Capital assets not being depreciated:					
Land	$ 46,961,100	$ -	$ -	$ -	$ 46,961,100
Land improvements	35,423,898	-	-	-	35,423,898
Construction in progress	4,218,624	(2,796,026)	1,026,097	(1,144,689)	1,304,006
Subtotal	86,603,622	(2,796,026)	1,026,097	(1,144,689)	83,689,004
Capital assets being depreciated:					
Buildings	57,410,603	8,887	209,390	-	57,628,880
Equipment	24,668,658	-	1,844,896	(886,503)	25,627,051
Other improvements	63,015,096	2,547,735	400,019	(435,515)	65,527,335
Infrastructure	62,332,770	239,404	1,402,038	-	63,974,212
Subtotal	207,427,127	2,796,026	3,856,343	(1,322,018)	212,757,478
Accumulated depreciation:					
Buildings	24,624,290	-	1,125,739	-	25,750,029
Equipment	15,074,344	-	1,695,121	(868,170)	15,901,295
Other improvements	26,614,444	-	1,749,114	(435,515)	27,928,043
Infrastructure	32,890,671	-	1,870,401	-	34,761,072
Subtotal	99,203,749	-	6,440,375	(1,303,685)	104,340,439
Net capital assets being depreciated	108,223,378	2,796,026	(2,584,032)	(18,333)	108,417,039
Net governmental activities capital assets	$ 194,827,000	$ -	$ (1,557,935)	$ (1,163,022)	$ 192,106,043

Depreciation expense of $6,440,375 for the year ended December 31, 2019 was charged to recreation and culture on the statement of activities.

Note 7 - Interfund Receivables, Payables, and Transfers

The composition of interfund balances is as follows:

Receivable Fund	Payable Fund	Amount
Capital Projects Fund	General Fund	$ 1,465,967

These balances result from the time lag between the dates that goods and services are provided or reimbursable expenditures occur, transactions are recorded in the accounting system, and payments between funds are made.

Interfund transfers reported in the fund financial statements are composed of the following:

Paying Fund (Transfer Out)	Receiving Fund (Transfer In)	Amount
General Fund	Capital Projects Fund	$ 4,902,781

The transfers from the General Fund to the Capital Projects Fund represent the use of unrestricted resources to finance capital project expenditures.

Note 8 - Long-term Obligations

Long-term debt activity for the year ended December 31, 2019 can be summarized as follows:

	Beginning Balance	Additions	Reductions	Ending Balance	Due within One Year
Compensated absences	$ 3,653,734	$ 1,602,555	$ (1,508,241)	$ 3,748,048	$ 1,979,594

Note 9 - Risk Management

The Authority is exposed to various risks of loss related to property loss, torts, errors and omissions, and employee injuries (workers' compensation), as well as medical benefits provided to employees. The Authority has purchased commercial insurance for medical benefits. The Authority is partially insured for general claims. Settled claims relating to the commercial insurance have not exceeded the amount of insurance coverage in any of the past three fiscal years.

The Michigan Municipal Risk Management Authority (MMRMA) risk pool program operates as a claims servicing pool for amounts up to member retention limits and operates as a common risk-sharing management program for losses in excess of member retention amounts. Although premiums are paid annually to MMRMA that it uses to pay claims up to the retention limits, the ultimate liability for those claims remains with the Authority.

The Authority estimates the liability for general liability claims that have been incurred through the end of the fiscal year, including claims that have been reported, as well as those that have not yet been reported. Changes in the estimated liability for the current fiscal year was as follows:

Estimated liability - Beginning of year	$ -
Estimated claims incurred, including changes in estimates	270,483
Claim payments	(73,471)
Estimated liability - End of year	$ 197,012

Note 10 - Pension Plan

Plan Description

The Huron-Clinton Metropolitan Authority provides a monthly retirement benefit to employees who meet the eligibility requirements, including age and years of service. The benefits are provided through the Huron-Clinton Metropolitan Authority Employees' Retirement Plan and Trust, a single-employer plan administered by the pension committee.

Management of the plan is vested in the pension board, which consists of seven members - two commissioners at large, the chairman of the Board of Commissioners, the director of the Authority, the president of the Huron-Clinton Metropolitan Authority Employees' Association, the president of the Huron-Clinton Metropolitan Authority Rangers Union of the Police Officers Association of Michigan, and one member who is a retiree of the Authority who shall be appointed.

Benefits Provided

The plan provides retirement and disability benefits to full-time employees hired prior to January 1, 2013. All retirement benefits fully vest after 10 years of credited service, with partial vesting granted for service less than 10 years. Employees who retire at age 65 are entitled to an annual retirement benefit, payable monthly in an amount equal to 2 percent of the highest consecutive 5-year average monthly earnings in the last 10 years of service, with a maximum monthly benefit of 71 percent of the final average monthly earnings. Employees may retire at age 60 with an unreduced benefit only if they have 25 or more years of service at early retirement. Employees retiring at age 55 with 10 years of credited service are entitled to receive a reduced monthly retirement benefit.

Note 10 - Pension Plan (Continued)

Benefit terms provide for annual cost of living adjustments to each employee's OPEB benefits subsequent to the employee's retirement date.

Benefit terms are generally established and amended by authority of the Board of Commissioners, generally after negotiations of these terms with the affected unions.

Employees Covered by Benefit Terms

The following members were covered by the benefit terms:

Date of member count	December 31, 2019
Inactive plan members or beneficiaries currently receiving benefits	167
Inactive plan members entitled to but not yet receiving benefits	17
Active plan members	124
Total employees covered by the plan	308

Contributions

State law requires public employers to make pension contributions in accordance with an actuarial valuation. The Authority hires an independent actuary for this purpose and annually contributes the amount determined to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. Employees are required to contribute 1 percent of their base wage to the plan. The Authority's required contribution is determined after consideration of the required contribution rate of employees.

Net Pension Liability

The Authority has chosen to use the December 31 measurement date as its measurement date for the net pension liability. The December 31, 2019 fiscal year end reported net pension liability was determined using a measure of the total pension liability and the pension net position as of the December 31, 2019 measurement date. The December 31, 2019 measurement date total pension liability was determined by an actuarial valuation performed as of that date.

Changes in the net pension liability during the measurement year were as follows:

	Increase (Decrease)		
Changes in Net Pension Liability	Total Pension Liability	Plan Net Position	Net Pension Liability
Balance at January 1, 2019	$ 80,962,998	$ 55,796,909	$ 25,166,089
Changes for the year:			
Service cost	943,320	-	943,320
Interest	5,345,489	-	5,345,489
Differences between expected and actual experience	(395,673)	-	(395,673)
Contributions - Employer	-	3,400,000	(3,400,000)
Contributions - Employee	-	91,165	(91,165)
Net investment income	-	8,656,601	(8,656,601)
Benefit payments, including refunds	(4,484,449)	(4,484,449)	-
Net changes	1,408,687	7,663,317	(6,254,630)
Balance at December 31, 2019	$ 82,371,685	$ 63,460,226	$ 18,911,459

The plan's fiduciary net position represents 77.0 percent of the total pension liability.

Note 10 - Pension Plan (Continued)

Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

For the year ended December 31, 2019, the Authority recognized pension expense of $3,952,949.

At December 31, 2019, the Authority reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	$ 170,983	$ (281,377)
Changes in assumptions	463,085	-
Net difference between projected and actual earnings on pension plan investments	-	(1,673,698)
Total	$ 634,068	$ (1,955,075)

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows (note that employer contributions subsequent to the measurement date will reduce the net pension liability and, therefore, will not be included in future pension expense):

Years Ending December 31	Amount
2020	$ (92,960)
2021	(511,278)
2022	267,999
2023	(984,768)
Total	$ (1,321,007)

Actuarial Assumptions

The total pension liability in the December 31, 2019 actuarial valuation was determined using an inflation assumption of 3.50 percent, assumed salary increases (including inflation) of 3.69 to 7.25 percent, an investment rate of return (net of investment expenses) of 6.75 percent, and the RP-2014 mortality tables.

The actuarial assumptions used in the December 31, 2019 actuarial valuation date valuation were based on the results of an actuarial experience study for the period September 26, 2016.

Discount Rate

The discount rate used to measure the total pension liability was 6.75 percent. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the current contribution rate and that authority contributions will be made at rates equal to the difference between actuarially determined contribution rates and the employee rate.

Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Note 10 - Pension Plan (Continued)

Investment Rate of Return

Best estimates of arithmetic real rates of return as of the December 31, 2019 measurement date for each major asset class included in the pension plan's target asset allocation, as disclosed in the investment footnote, are summarized in the following tables:

Asset Class	Target Allocation	Long-term Expected Real Rate of Return
U.S. large-cap index	10.00 %	4.75 %
U.S. small-cap equity	2.00	5.65
U.S. small-/mid-cap equity index	3.00	4.75
World equity ex-U.S.	16.00	6.07
Emerging markets equity	2.00	6.42
Global low beta equities	5.00	4.33
Core fixed income	20.00	3.29
Limited-duration bonds	12.00	2.40
U.S. high yield	2.00	4.57
Emerging-markets debt	3.00	5.50
Diversified short-term fixed income	4.00	2.27
Dynamic asset allocation	5.00	7.07
Multiasset	3.00	3.21
Structured credit	3.00	6.02
Private equity	5.00	8.11
Private real estate	5.00	4.05

Sensitivity of the Net Pension Liability to Changes in the Discount Rate

The following presents the net pension liability of the Authority, calculated using the discount rate of 6.75 percent, as well as what the Authority's net pension liability would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher than the current rate:

	1 Percentage Point Decrease (5.75%)	Current Discount Rate (6.75%)	1 Percentage Point Increase (7.75%)
Net pension liability of the plan	$ 28,106,143	$ 18,911,459	$ 11,094,966

Pension Plan Fiduciary Net Position

Detailed information about the plan’s fiduciary net position is available in these financial statements. For the purpose of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pension, and pension expense, information about the plan’s fiduciary net position and additions to/deductions from fiduciary net position have been determined on the same basis as they are reported by the plan. The plan uses the economic resources measurement focus and the full accrual basis of accounting. Investments are stated at fair value. Contribution revenue is recorded as contributions are due, pursuant to legal requirements. Benefit payments and refunds of employee contributions are recognized as expense when due and payable in accordance with the benefit terms.

Note 11 - Other Postemployment Benefit Plan

Plan Description

The Authority provides OPEB for all employees who meet eligibility requirements. The benefits are provided through the Retiree Health Care Plan and Trust, a single-employer plan administered by the Retiree Health Care Plan and Trust committee.

Note 11 - Other Postemployment Benefit Plan (Continued)

The financial statements of the OPEB plan are included in these financial statements as a pension and other employee benefit trust fund (a fiduciary fund).

Management of the plan is vested in the pension board, which consists of seven members - two commissioners at large, the chairman of the Board of Commissioners, the director of the Authority, the president of the Huron-Clinton Metropolitan Authority Employees' Association, the President of the Huron-Clinton Metropolitan Authority Rangers Union of the Police Officers Association of Michigan, and one member who is a retiree of the Authority who shall be appointed.

Benefits Provided

The Retiree Health Care Plan and Trust provides healthcare, dental, and vision benefits for retirees and their dependents. Benefits are provided through a third-party insurer, and the full cost of the benefits is covered by the plan. Effective January 1, 2009, the Retiree Health Care Plan and Trust was closed to new entrants; therefore, the annual required contribution is no longer allowed to be calculated assuming an increasing active payroll.

Employees Covered by Benefit Terms

The following members were covered by the benefit terms:

	Retiree Health Care Plan and Trust
Date of member count	December 31, 2019
Inactive plan members or beneficiaries currently receiving benefits	175
Active plan members	128
Total plan members	303

Contributions

The Authority reserves the right to fund benefits on a pay-as-you-go basis. The board establishes contribution rates based on an actuarially determined rate per a funding valuation. For the year ended December 31, 2019, the Authority contributed $1,100,000. Employees are not required to contribute to the plan.

Net OPEB Liability

The Authority has chosen to use the December 31 measurement date as its measurement date for the net OPEB liability. The December 31, 2019 fiscal year end reported net OPEB liability was determined using a measure of the total OPEB liability and the OPEB net position as of the December 31, 2019 measurement date. The December 31, 2019 measurement date total OPEB liability was determined by an actuarial valuation performed as of December 31, 2018, which used update procedures to roll forward the estimated liability to December 31, 2019.

Note 11 - Other Postemployment Benefit Plan (Continued)

Changes in the net OPEB liability during the measurement year were as follows:

	Increase (Decrease)		
Changes in Net OPEB Liability	Total OPEB Liability	Plan Net Position	Net OPEB Liability
Balance at January 1, 2019	$ 39,742,748	$ 27,368,175	$ 12,374,573
Changes for the year:			
Service cost	411,122	-	411,122
Interest	2,643,627	-	2,643,627
Differences between expected and actual experience	(5,767,513)	-	(5,767,513)
Changes in assumptions	2,318,794	-	2,318,794
Contributions - Employer	-	1,254,016	(1,254,016)
Net investment income	-	4,443,754	(4,443,754)
Benefit payments, including refunds	(1,566,933)	(1,566,933)	-
Net changes	(1,960,903)	4,130,837	(6,091,740)
Balance at December 31, 2019	$ 37,781,845	$ 31,499,012	$ 6,282,833

The plan's fiduciary net position represents 83.4 percent of the total OPEB liability.

OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

For the year ended December 31, 2019, the Authority recognized OPEB expense of $342,666.

At December 31, 2019, the Authority reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	$ -	$ (4,229,553)
Changes in assumptions	1,663,434	-
Net difference between projected and actual earnings on OPEB plan investments	-	(99,367)
Total	$ 1,663,434	$ (4,328,920)

Amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Years Ending December 31	Amount
2020	$ (875,293)
2021	(875,293)
2022	(393,506)
2023	(521,393)
Total	$ (2,665,485)

Note 11 - Other Postemployment Benefit Plan (Continued)

Actuarial Assumptions

The total OPEB liability in the December 31, 2019 actuarial valuation was determined using an inflation assumption of 3.50 percent; assumed salary increases (including inflation) of 3.69 to 7.25 percent; an investment rate of return (net of investment expenses) of 6.75 percent; a healthcare cost trend rate of 8.25 percent, decreasing to an ultimate rate of 3.5 percent; and the RP-2014 mortality tables with the MP-2015 improvement scale. These assumptions were applied to all periods included in the measurement.

Discount Rate

The discount rate used to measure the total OPEB liability was 6.75 percent. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the current contribution rate and that authority contributions will be made at rates equal to the difference between actuarially determined contribution rates and the employee rate.

Based on those assumptions, the OPEB plan’s fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

Investment Rate of Return

The long-term expected rate of return on OPEB plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of OPEB plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and adding expected inflation. Best estimates of arithmetic real rates of return as of the December 31, 2019 measurement date for each major asset class included in the OPEB plan's target asset allocation, as disclosed in the investment footnote, are summarized in the following tables:

Asset Class	Target Allocation	Long-term Expected Real Rate of Return
U.S. large-cap index	15.00 %	4.75 %
U.S. small-/mid-cap equity index	6.00	4.75
World equity ex-U.S.	19.00	6.07
Emerging markets equity	2.00	6.42
Core fixed income	22.00	3.29
Limited-duration bonds	14.00	2.40
U.S. high yield	2.00	4.57
Emerging-markets debt	4.00	5.50
Diversified short-term fixed income	4.00	2.27
Dynamic asset allocation	6.00	7.07
Multiasset	3.00	3.21
Private real estate	3.00	4.05

Note 11 - Other Postemployment Benefit Plan (Continued)

Sensitivity of the Net OPEB Liability to Changes in the Discount Rate

The following presents the net OPEB liability of the Authority, calculated using the discount rate of 6.75 percent, as well as what the Authority's net OPEB liability would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher than the current rate:

	1 Percentage Point Decrease (5.75%)	Current Discount Rate (6.75%)	1 Percentage Point Increase (7.75%)
Net OPEB liability of the Retiree Health Care Plan and Trust	$ 11,083,745	$ 6,282,833	$ 2,292,708

Sensitivity of the Net OPEB Liability to Changes in the Healthcare Cost Trend Rate

The following presents the net OPEB liability of the Authority, calculated using the healthcare cost trend rate of 8.25 percent, as well as what the Authority's net OPEB liability would be if it were calculated using a healthcare cost trend rate that is 1 percentage point lower or 1 percentage point higher than the current rate:

	1 Percentage Point Decrease (7.25%)	Current Healthcare Cost Trend Rate (8.25%)	1 Percentage Point Increase (9.25%)
Net OPEB liability of the Retiree Health Care Plan and Trust	$ 2,208,472	$ 6,282,833	$ 11,026,163

OPEB Plan Fiduciary Net Position

Detailed information about the plan’s fiduciary net position is available in these financial statements. For the purpose of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the plan’s fiduciary net position and additions to/deductions from fiduciary net position have been determined on the same basis as they are reported by the plan. The plan uses the economic resources measurement focus and the full accrual basis of accounting. Investments are stated at fair value. Contribution revenue is recorded as contributions are due, pursuant to legal requirements. Benefit payments and refunds of employee contributions are recognized as expense when due and payable in accordance with the benefit terms.

Assumption Changes

The Authority's OPEB plan updated the healthcare trend assumptions from the previous valuation.

Note 12 - Pension and Other Employee Benefit Trust Funds

The following are condensed financial statements for the individual pension plans and postemployment healthcare plans:

	Pension Trust Fund	Retiree Health Care Trust Fund	Total
Statement of Net Position			
Equity mutual funds	$ 29,096,681	$ 15,667,656	$ 44,764,337
Fixed-income mutual funds	28,711,456	14,842,914	43,554,370
Collective investment trusts	5,673,231	991,960	6,665,191
Other assets	55,048	28,211	83,259
Liabilities	(76,192)	(31,729)	(107,921)
Net position	$ 63,460,224	$ 31,499,012	$ 94,959,236
Statement of Changes in Net Position			
Interest and dividends	$ 1,539,970	$ 796,763	$ 2,336,733
Net increase in fair value of investments	7,398,169	3,770,103	11,168,272
Investment-related expenses	(281,541)	(123,112)	(404,653)
Employer contributions	3,400,000	1,100,000	4,500,000
Employee contributions	91,165	-	91,165
Benefit payments	(4,484,449)	(1,412,917)	(5,897,366)
Net change in net position	$ 7,663,314	$ 4,130,837	$ 11,794,151

Note 13 - Retirement Health Savings Plan

On August 1, 2005, the Huron-Clinton Metropolitan Authority Board of Commissioners established the Huron-Clinton Retirement Health Savings Plan (the "Savings Plan") by resolution. Employees hired after January 1, 2009, who are covered under a collective bargaining agreement with the Authority, must contribute 1.0 percent of their base wage. The Authority contributes a 1.0 percent match on behalf of these employees. Employees who are not covered under a collective bargaining agreement with the Authority must contribute 1.5 percent of their base wage. There is no matching contribution provided on behalf of these employees. Total contributions for 2019 by participants and the Authority amounted to $52,259 and $52,229, respectively.

The Savings Plan is a defined contribution plan administered by the International City/County Management Association - Retirement Corporation (ICMA-RC). The legal basis for the Savings Plan comes from several private letter rulings obtained by ICMA-RC from the Internal Revenue Service and Treasury regulation 301.7701-1[a][3]. Employees must be over the age of 21 to participate in the Savings Plan.

Note 14 - Retirement Plans

The Huron-Clinton Metropolitan Authority Board of Commissioners has established the Huron-Clinton 401 Governmental Money Purchase Plan & Trust (the "401 Plan") for full time employees hired after December 31, 2012. Eligible employees must contribute 1.0 percent of their base wage, and the Authority contributes a 6.0 percent match. Total contributions for 2019 by participants and the Authority amounted to $48,525 and $291,154, respectively.

On December 5, 2013, the Huron-Clinton Metropolitan Authority Board of Commissioners established the Huron-Clinton Alternative Pension Program (the "Alternative Plan") by resolution, which became effective January 1, 2014 for part-time and seasonal employees working 600 hours or less per year. These seasonal employees must contribute 6.0 percent of their base wage. The Authority contributes a 1.5 percent match on behalf of these employees. Total contributions for 2019 by participants and the Authority amounted to $121,907 and $30,477, respectively.

Note 14 - Retirement Plans (Continued)

The 401 Plan and Alternative Plan are defined contribution plans administered by the International City/County Management Association - Retirement Corporation (ICMA-RC). The legal basis for the Alternative Plan comes from several private letter rulings obtained by ICMA-RC from the Internal Revenue Service and Treasury regulation 301.7701-1[a][3].

Note 15 - Fund Balance Constraints

The detail of the various components of fund balance is as follows:

	General Fund	Supplemental Major Maintenance Fund	Capital Projects Fund	Total
Nonspendable:				
Inventory	$ 264,444	$ -	$ -	$ 264,444
Prepaids	639,504	-	-	639,504
Total nonspendable	903,948	-	-	903,948
Restricted:				
Lake St. Clair Marina	380,638	-	-	380,638
Hudson Mills Canoe Livery	15,686	-	-	15,686
Total restricted	396,324	-	-	396,324
Committed:				
Capital projects	-	5,064,767	9,638,400	14,703,167
Land	5,533,294	-	-	5,533,294
Rate stabilization fund	1,178,850	-	-	1,178,850
Total committed	6,712,144	5,064,767	9,638,400	21,415,311
Assigned:				
Subsequent year's budget	2,713,900	-	-	2,713,900
Encumbrances	124,523	-	-	124,523
Compensated absences	3,748,048	-	-	3,748,048
Total assigned	6,586,471	-	-	6,586,471
Unassigned	25,023,058	-	-	25,023,058
Total fund balance	$ 39,621,945	$ 5,064,767	$ 9,638,400	$ 54,325,112

Note 16 - Tax Abatements

The Authority receives reduced property tax revenue as a result of industrial facilities tax exemptions (PA 198 of 1974) and brownfield redevelopment agreements granted by cities, villages, and townships within the boundaries of the Authority. Industrial facility exemptions are intended to promote construction of new industrial facilities or to rehabilitate historical facilities; brownfield redevelopment agreements are intended to reimburse taxpayers that remediate environmental contamination on their properties; PA 328 (Personal Property Tax Relief in Distressed Communities) allows eligible distressed communities to abate taxes on new investments made by eligible commercial businesses that reduce unemployment, promote economic growth, and increase capital investment.

For the fiscal year ended December 31, 2019, the Authority’s property tax revenue was reduced by $1,322,336 under these programs.

Required Supplemental Information

Required Supplemental Information
Budgetary Comparison Schedule
General Fund

Year Ended December 31, 2019

	Original Budget	Amended Budget	Actual	Variance with Amended Budget
Revenue				
Taxes	$ 31,813,000	$ 31,903,308	$ 31,312,009	$ (591,299)
Intergovernmental	54,000	79,350	1,191,797	1,112,447
Charges for services	19,690,424	19,704,924	19,896,506	191,582
Other revenue	287,375	318,713	1,001,867	683,154
Interest income	200,000	200,000	1,016,519	816,519
Donations	92,855	194,071	202,516	8,445
Total revenue	52,137,654	52,400,366	54,621,214	2,220,848
Expenditures				
Current services -				
Operating:				
Park operations	35,620,092	35,777,304	33,958,687	1,818,617
Major maintenance	2,857,595	3,168,709	900,470	2,268,239
Administrative offices	9,633,053	10,568,677	9,641,369	927,308
Capital outlay	2,410,419	2,141,006	1,960,795	180,211
Total expenditures	50,521,159	51,655,696	46,461,321	5,194,375
Excess of Revenue Over Expenditures	1,616,495	744,670	8,159,893	7,415,223
Other Financing (Uses) Sources				
Transfers out	(4,400,000)	(4,902,781)	(4,902,781)	-
Sale of capital assets	250,000	250,000	160,318	(89,682)
Total other financing uses	(4,150,000)	(4,652,781)	(4,742,463)	(89,682)
Net Change in Fund Balance	(2,533,505)	(3,908,111)	3,417,430	7,325,541
Fund Balance - Beginning of year	36,204,515	36,204,515	36,204,515	-
Fund Balance - End of year	**$ 33,671,010**	**$ 32,296,404**	**$ 39,621,945**	**$ 7,325,541**

Required Supplemental Information
Schedule of Changes in the Net Pension Liability and Related Ratios

Last Six Fiscal Years

	2019	2018	2017	2016	2015	2014
Total Pension Liability						
Service cost	$ 943,320	$ 966,866	$ 966,866	$ 1,030,377	$ 962,488	$ 1,004,715
Interest	5,345,489	5,205,391	5,089,192	4,899,597	4,862,474	4,726,571
Differences between expected and actual experience	(395,673)	367,984	(6,338)	(6,336)	(1,445,906)	109,029
Changes in assumptions	-	-	-	6,025,667	-	-
Benefit payments, including refunds	(4,484,449)	(4,421,433)	(4,235,075)	(3,970,452)	(3,831,448)	(4,057,900)
Net Change in Total Pension Liability	1,408,687	2,118,808	1,814,645	7,978,853	547,608	1,782,415
Total Pension Liability - Beginning of year	80,962,998	78,844,190	77,029,545	69,050,692	68,503,084	66,720,669
Total Pension Liability - End of year	**$ 82,371,685**	**$ 80,962,998**	**$ 78,844,190**	**$ 77,029,545**	**$ 69,050,692**	**$ 68,503,084**
Plan Fiduciary Net Position						
Contributions - Employer	$ 3,400,000	$ 3,000,000	$ 2,996,209	$ 2,700,000	$ 4,500,000	$ 3,100,000
Contributions - Member	91,165	91,814	88,475	111,649	101,817	107,492
Net investment income (loss)	8,656,601	(2,503,594)	7,487,987	4,008,761	(667,117)	2,225,505
Administrative expenses	-	(267,216)	(256,479)	(275,660)	(201,301)	(73,710)
Benefit payments, including refunds	(4,484,449)	(4,421,433)	(4,235,075)	(3,970,452)	(3,831,448)	(4,057,900)
Net Change in Plan Fiduciary Net Position	7,663,317	(4,100,429)	6,081,117	2,574,298	(98,049)	1,301,387
Plan Fiduciary Net Position - Beginning of year	55,796,909	59,897,338	53,816,221	51,241,923	51,339,972	50,038,585
Plan Fiduciary Net Position - End of year	**$ 63,460,226**	**$ 55,796,909**	**$ 59,897,338**	**$ 53,816,221**	**$ 51,241,923**	**$ 51,339,972**
Authority's Net Pension Liability - Ending	**$ 18,911,459**	**$ 25,166,089**	**$ 18,946,852**	**$ 23,213,324**	**$ 17,808,769**	**$ 17,163,112**
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	77.04 %	68.92 %	75.97 %	69.86 %	74.21 %	74.95 %
Covered Payroll	$ 8,981,404	$ 9,013,973	$ 9,259,465	$ 9,706,228	$ 10,067,888	$ 10,418,891
Authority's Net Pension Liability as a Percentage of Covered Payroll	210.56 %	279.19 %	204.62 %	239.16 %	176.89 %	164.73 %

Note: Data will be added as information is available until 10 years of such data is available.

Required Supplemental Information
Schedule of Pension Contributions

Last Six Fiscal Years

Years Ended December 31

	2019	2018	2017	2016	2015	2014
Actuarially determined contribution	$ 2,707,763	$ 2,655,734	$ 2,996,208	$ 2,449,953	$ 3,474,587	$ 3,029,289
Contributions in relation to the actuarially determined contribution	3,400,000	3,000,000	2,996,209	2,700,000	4,500,000	3,100,000
Contribution Excess	**$ 692,237**	**$ 344,266**	**$ 1**	**$ 250,047**	**$ 1,025,413**	**$ 70,711**
Covered Payroll	$ 8,981,404	$ 9,013,973	$ 9,259,465	$ 9,706,228	$ 10,067,888	$ 10,418,891
Contributions as a Percentage of Covered Employee Payroll	37.86 %	33.28 %	32.36 %	27.82 %	44.70 %	29.75 %

Note: Data will be added as more information is available until 10 years of such data is available.

Notes to Schedule of Pension Contributions

Actuarial valuation information relative to the determination of contributions:

Valuation date	Actuarially determined contribution amounts for fiscal year 2019 are calculated based upon the results of the December 31, 2019 actuarial valuation

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry age normal
Amortization method	Level dollar
Remaining amortization period	22.75 years
Asset valuation method	Five-year smoothed market
Inflation	3.5 percent
Salary increase	3.69 to 7.25 percent, including inflation
Investment rate of return	6.75 percent, net of administrative expenses
Retirement age	Experience-based table of rates that are specific to the type of eligibility condition
Mortality	RP-2014 Generational Mortality Table for males and females, extended via cubic spline. This table is adjusted backwards to 2006 with the MP-2014 scale, resulting in a base year of 2006 with future mortality improvements assumed each year using scale MP-2015

Required Supplemental Information
Schedule of Pension Investment Returns

Last Six Fiscal Years

Years Ended December 31

	2019	2018	2017	2016	2015	2014
Annual money-weighted rate of return - Net of investment expense	15.53 %	(4.64)%	13.40 %	7.33 %	(1.68)%	4.43 %

Note: Data will be added as information is available until 10 years of such data is available.

Required Supplemental Information
Schedule of Changes in the Net OPEB Liability and Related Ratios

Last Two Fiscal Years

	2019	2018
Total OPEB Liability		
Service cost	$ 411,122	$ 479,878
Interest	2,643,627	2,564,158
Differences between expected and actual experience	(5,767,513)	(174,627)
Changes in assumptions	2,318,794	-
Benefit payments, including refunds	(1,566,933)	(1,748,487)
Net Change in Total OPEB Liability	(1,960,903)	1,120,922
Total OPEB Liability - Beginning of year	39,742,748	38,621,826
Total OPEB Liability - End of year	**$ 37,781,845**	**$ 39,742,748**
Plan Fiduciary Net Position		
Contributions - Employer	$ 1,254,016	$ 1,692,133
Net investment income (loss)	4,443,754	(1,364,828)
Administrative expenses	-	(122,450)
Benefit payments, including refunds	(1,566,933)	(1,748,487)
Net Change in Plan Fiduciary Net Position	4,130,837	(1,543,632)
Plan Fiduciary Net Position - Beginning of year	27,368,175	28,911,807
Plan Fiduciary Net Position - End of year	**$ 31,499,012**	**$ 27,368,175**
Net OPEB Liability - Ending	**$ 6,282,833**	**$ 12,374,573**
Plan Fiduciary Net Position as a Percentage of Total OPEB Liability	83.37 %	68.86 %
Covered Payroll	$ 8,981,404	$ 9,013,973
Net OPEB Liability as a Percentage of Covered Payroll	69.95 %	137.28 %

Note: Data will be added as information is available until 10 years of such data is available.

Required Supplemental Information
Schedule of OPEB Contributions

Last Three Fiscal Years
Years Ended December 31

	2019	2018	2017
Actuarially determined contribution	$ 1,086,078	$ 1,395,565	$ 1,415,660
Contributions in relation to the actuarially determined contribution	1,254,016	1,692,133	2,149,330
Contribution Excess	**$ 167,938**	**$ 296,568**	**$ 733,670**
Covered Employee Payroll*	$ 8,981,404	$ 9,013,973	$ 8,866,219
Contributions as a Percentage of Covered Employee Payroll	13.96 %	18.77 %	24.24 %

Note: Data will be added as information is available until 10 years of such data is available.
*The payroll of employees that are provided benefits through the OPEB plan

Notes to Schedule of Contributions

Actuarial valuation information relative to the determination of contributions:

Valuation date	Actuarially determined contribution rates are calculated as of December 31, 2018, one year prior to the end of the fiscal year in which the contributions are reported.

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry age normal
Amortization method	Level percentage of payroll, closed
Remaining amortization period	22.75 years
Asset valuation method	Five-year smoothed market
Inflation	3.50 percent
Healthcare cost trend rates	8.25 percent initial, decreasing 0.5 percent per year to an ultimate rate of 3.50 percent
Salary increase	3.69 to 7.25 percent, including wage inflation
Investment rate of return	6.75 percent
Retirement age	Experience-based table of rates that are specific to the type of eligibility condition
Mortality	RP-2014 Generational Mortality Table for males and females, extended via cubic spline. This table is adjusted backwards to 2006 with the MP-2014 scale, resulting in a base year of 2006 with future mortality improvements assumed each year using scale MP-2015

Required Supplemental Information
Schedule of OPEB Investment Returns

Last Three Fiscal Years

Years Ended December 31

	2019	2018	2017
Annual money-weighted rate of return - Net of investment expense	16.85 %	(5.16)%	13.31 %

Note: Data will be added as information is available until 10 years of such data is available.

Other Supplemental Information

Other Supplemental Information
Statement of Fiduciary Net Position
Fiduciary Funds

December 31, 2019

	Pension and OPEB Funds		
	Pension	Retiree Health Care Trust	Total
Assets			
Investments:			
Equity mutual funds	$ 29,096,681	$ 15,667,656	$ 44,764,337
Fixed-income mutual funds	28,711,456	14,842,914	43,554,370
Collective investment trust	5,673,231	991,960	6,665,191
Accrued interest receivable	55,048	28,211	83,259
Total assets	63,536,416	31,530,741	95,067,157
Liabilities - Vouchers payable	76,192	31,729	107,921
Net Position	**$ 63,460,224**	**$ 31,499,012**	**$ 94,959,236**

Other Supplemental Information
Statement of Changes in Fiduciary Net Position
Fiduciary Funds

Year Ended December 31, 2019

	Pension and OPEB Funds		
	Pension	Retiree Health Care Trust	Total
Additions			
Investment income (loss):			
Interest and dividends	$ 1,539,970	$ 796,763	$ 2,336,733
Net increase in fair value of investments	7,398,169	3,770,103	11,168,272
Investment-related expenses	(281,541)	(123,112)	(404,653)
Net investment income	8,656,598	4,443,754	13,100,352
Contributions:			
Employer contributions	3,400,000	1,100,000	4,500,000
Employee contributions	91,165	-	91,165
Total contributions	3,491,165	1,100,000	4,591,165
Total additions	12,147,763	5,543,754	17,691,517
Deductions - Benefit payments	4,484,449	1,412,917	5,897,366
Net Increase in Fiduciary Net Position	7,663,314	4,130,837	11,794,151
Net Position - Beginning of year	55,796,910	27,368,175	83,165,085
Net Position - End of year	**$ 63,460,224**	**$ 31,499,012**	**$ 94,959,236**

Statistical Section (Unaudited)

Statistical Section

This part of the comprehensive annual financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about the Authority's overall financial health

The statistical section is organized into the following main categories:

Financial trends

These schedules contain trend information to help the reader understand how the government's financial performance and well-being have changed over time.

Revenue capacity

These schedules contain information to help the reader assess the government's most significant local revenue source, the property tax.

Demographic and economic information

These schedules help the reader understand the environment within which the government's financial activities take place.

Operating information

These schedules contain service and infrastructure data to help the reader understand how the information in the government's financial report relates to the services the government provides and the activities it performs.

Net Position by Component

Last Ten Fiscal Years

December 31, 2019

	As of December 31,									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Governmental Activities:										
Net investment in capital assets	$ 195,093,978	$ 194,800,234	$ 194,403,024	$ 195,125,395	$ 195,936,628	$ 193,545,863	$ 194,722,125	$ 197,243,195	$ 194,826,998	$ 192,106,043
Restricted	-	37,709	90,430	138,856	185,995	259,201	311,705	349,962	374,301	396,324
Unrestricted	33,118,763	34,227,707	36,140,736	38,675,137	41,440,497	28,935,288	28,739,061	26,607,090	15,550,860	21,598,437
Total net position	**$ 228,212,741**	**$ 229,065,650**	**$ 230,634,190**	**$ 233,939,388**	**$ 237,563,120**	**$ 222,740,352**	**$ 223,772,891**	**$ 224,200,247**	**$ 210,752,159**	**$ 214,100,804**

Fiscal year 2015 includes the implementation of GASB Statement 68, which required the recognition of deferred outflows of resources, net pension liabilities, and deferred inflows of resources related to the Authority's pension plan. The net effect of these changes decreased net position by $17.2 million in fiscal year 2015. Prior years have not been restated to reflect the changes required by GASB Statement 68.

Fiscal year 2018 includes the implementation of GASB Statement 75, which required the recognition of deferred outflows of resources, net OPEB liabilities, and deferred inflows of resources related to the Authority's other post-employment benefit plan. The net effect of these changes decreased net position by $14.7 million in fiscal year 2018. Prior years have not been restated to reflect the changes required by GASB Statement 75.

Changes in Net Position

Last Ten Fiscal Years

December 31, 2019

	As of December 31,									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Expenses:										
Recreation and culture	$ 45,570,182	$ 43,671,297	$ 41,656,918	$ 41,586,621	$ 41,891,795	$ 46,117,042	$ 49,554,752	$ 51,898,640	$ 52,932,867	$ 52,113,821
Capital projects	1,134,337	1,486,892	1,930,912	292,196	-	-	-	-	-	-
Total expenses	46,704,519	45,158,189	43,587,830	41,878,817	41,891,795	46,117,042	49,554,752	51,898,640	52,932,867	52,113,821
Program revenues:										
Charges for services	14,715,827	14,151,725	15,027,250	14,519,872	16,316,176	17,893,737	20,130,849	19,692,340	19,802,276	19,958,822
Operating grants and contributions	7,598	33,359	234,463	19,100	61,745	453,429	162,112	1,377,190	907,043	1,393,263
Capital grants and contributions	309,893	318,053	175,075	2,031,530	153,869	-	-	-	76,311	234,114
Total program revenue	15,033,318	14,503,137	15,436,788	16,570,502	16,531,790	18,347,166	20,292,961	21,069,530	20,785,630	21,586,199
General revenues:										
Property taxes	34,452,805	30,640,135	28,293,295	27,680,762	28,167,025	28,406,715	29,249,583	30,645,350	31,675,974	31,272,479
Oil and gas royalties	436,028	368,959	595,017	297,536	239,740	57,890	111,839	93,838	95,652	60,956
Donations	57,065	110,423	127,231	167,123	87,407	101,638	44,744	32,483	19,065	82,536
Investment earnings	474,515	324,511	161,587	217,455	289,002	363,548	307,934	484,795	785,931	1,298,111
Miscellaneous	24,161	28,460	513,164	27,567	97,013	987,949	339,905	-	791,122	1,001,867
Gain on sales of capital asset	-	35,473	29,288	223,069	43,551	192,480	240,325	-	-	160,318
Total general revenues	35,444,574	31,507,961	29,719,582	28,613,512	28,923,738	30,110,220	30,294,330	31,256,466	33,367,744	33,876,267
Total revenues	50,477,892	46,011,098	45,156,370	45,184,014	45,455,528	48,457,386	50,587,291	52,325,996	54,153,374	55,462,466
Change in net position	**$ 3,773,373**	**$ 852,909**	**$ 1,568,540**	**$ 3,305,197**	**$ 3,563,733**	**$ 2,340,344**	**$ 1,032,539**	**$ 427,356**	**$ 1,220,507**	**$ 3,348,645**

Fund Balances - Governmental Funds

Last Ten Fiscal Years

December 31, 2019

	As of December 31,									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
General Fund:										
Reserved	$ 1,268,203	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Unreserved	29,812,797	-	-	-	-	-	-	-	-	-
Nonspendable	-	228,747	232,363	534,899	498,779	1,018,633	1,069,422	1,055,873	892,577	903,948
Restricted	-	37,709	90,430	138,856	185,995	259,201	311,705	349,962	374,301	396,324
Committed	-	13,394,338	13,334,981	12,907,536	9,401,861	9,873,636	10,011,796	6,083,467	6,599,869	6,712,144
Assigned	-	-	15,526,682	11,990,064	11,846,371	10,074,807	15,908,505	12,108,959	7,184,481	6,586,471
Unassigned	-	18,200,790	5,014,458	10,323,181	14,747,179	18,348,559	13,630,033	18,280,129	21,153,287	25,023,058
Total general fund	**$ 31,081,000**	**$ 31,861,584**	**$ 34,198,914**	**$ 35,894,536**	**$ 36,680,185**	**$ 39,574,836**	**$ 40,931,461**	**$ 37,878,390**	**$ 36,204,515**	**$ 39,621,945**
Supplemental Major Maintenance Fund										
Reserved	$ 280,642	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Unreserved	6,458,797	-	-	-	-	-	-	-	-	-
Committed	-	6,087,728	4,780,236	4,804,776	4,481,442	4,463,556	4,595,401	4,724,838	4,899,297	5,064,767
Total supplemental major maintenance fund	**$ 6,739,439**	**$ 6,087,728**	**$ 4,780,236**	**$ 4,804,776**	**$ 4,481,442**	**$ 4,463,556**	**$ 4,595,401**	**$ 4,724,838**	**$ 4,899,297**	**$ 5,064,767**
Capital Projects Fund										
Committed	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,638,400
Total capital projects fund	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 9,638,400**

Note: GASB 54 became effective and was implemented in 2011. Prior period amounts were not restated.

Changes in Fund Balances - Governmental Funds

Last Ten Fiscal Years
December 31, 2019

	As of December 31,									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Revenue										
Property taxes	$ 34,528,432	$ 30,691,073	$ 28,384,628	$ 27,662,759	$ 28,125,677	$ 28,503,130	$ 29,246,499	$ 30,658,374	$ 31,675,974	$ 31,312,009
Oil and gas royalties	436,028	368,959	595,017	297,536	239,740	57,890	111,839	93,838	95,652	60,956
Charges for services	14,715,827	14,151,725	15,027,250	14,519,872	16,316,176	17,893,737	20,130,849	19,340,845	19,328,560	19,896,506
Operating grants	7,598	33,359	234,463	19,100	61,745	217,896	76,182	284,871	1,048,213	1,308,968
Capital grants	309,893	318,053	175,075	2,031,530	153,869	-	-	-	-	-
Donations	57,065	110,423	127,231	167,123	87,407	337,171	130,674	245,687	249,106	232,673
Interest	474,515	324,511	161,587	217,455	289,002	363,548	307,934	484,795	785,931	1,298,111
Miscellaneous	24,161	28,460	513,164	27,567	97,013	987,949	339,905	351,495	791,122	1,075,367
Proceeds from sale of capital assets	411,926	126,880	204,213	223,069	43,551	192,480	319,165	643,421	473,716	160,318
Total revenue	50,965,445	46,153,443	45,422,628	45,166,011	45,414,180	48,553,801	50,663,047	52,103,326	54,448,274	55,344,908
Expenditures										
Park operations	32,131,822	31,717,979	29,706,692	28,829,491	29,119,023	31,518,622	32,622,292	33,299,256	32,843,656	33,958,687
Major maintenance	1,134,337	1,428,877	1,553,104	921,509	1,435,517	1,786,274	1,926,210	2,270,033	2,546,141	900,470
Administrative offices	7,088,861	7,075,619	7,538,185	6,990,592	7,640,052	7,516,737	7,371,706	9,122,348	9,254,259	9,641,369
Capital projects	4,682,325	4,271,032	4,422,355	5,143,506	5,261,964	3,307,434	4,159,886	7,523,357	2,130,516	4,959,415
Equipment	1,972,142	965,066	1,170,104	1,531,932	1,225,463	1,370,378	3,089,427	2,801,066	1,836,785	
Land acquisitions	10,423	565,997	2,350	28,819	269,846	177,591	5,056	10,900	-	-
Total expenditures	47,019,910	46,024,570	44,392,790	43,445,849	44,951,865	45,677,036	49,174,577	55,026,960	48,611,357	49,459,941
Net change in fund balance	**$ 3,945,535**	**$ 128,873**	**$ 1,029,838**	**$ 1,720,162**	**$ 462,315**	**$ 2,876,765**	**$ 1,488,470**	**$ (2,923,634)**	**$ 5,836,917**	**$ 5,884,967**
Debt service as a percentage of noncapital expenditures	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Huron-Clinton Metropolitan Authority

Governmental Activities Tax Revenue by Source

Last Ten Fiscal Years
December 31, 2019

Year	Property Tax
2010	$ 34,528,432
2011	30,691,073
2012	28,384,628
2013	27,662,759
2014	28,125,677
2015	28,406,715
2016	29,249,583
2017	30,645,350
2018	31,675,974
2019	31,312,009

Taxable and Assessed Values of Property

Last Ten Fiscal Years
December 31, 2019

	Real Property (a)		Personal Property (a)					
Year	Taxable Value	State Equalized Value	Taxable Value	State Equalized Value	Taxable Value	State Equalized Value	Estimated Market Value (b)	Percent Change in Market Value
2010	$ 154,220,925,617	$ 171,635,829,603	$ 13,979,514,883	$ 13,966,280,994	$ 168,200,440,500	$ 185,602,110,597	$ 371,204,221,194	-9.00%
2011	138,988,195,205	149,496,027,195	13,021,305,792	13,034,781,334	152,009,500,997	162,530,808,529	325,061,617,058	-12.4%
2012	130,162,996,751	136,807,421,204	12,360,397,169	12,378,691,878	142,523,393,920	149,186,113,082	298,372,226,164	-8.2%
2013	123,811,211,186	128,820,235,807	12,562,799,230	12,573,994,972	136,374,010,416	141,394,230,779	282,788,461,558	-5.2%
2014	122,943,107,230	129,773,753,961	13,126,543,590	13,159,608,616	136,069,650,820	142,933,362,577	285,866,725,154	1.1%
2015	123,996,465,352	135,715,141,261	12,839,179,302	12,888,111,844	136,835,644,654	148,603,253,105	297,206,506,210	4.0%
2016	127,299,266,119	147,549,827,757	13,328,310,313	13,339,823,672	140,627,576,432	160,889,651,429	321,779,302,858	8.3%
2017	129,731,372,431	158,080,403,922	10,932,474,841	10,951,448,476	140,663,847,272	169,031,852,398	338,063,704,796	5.1%
2018	133,670,573,042	167,371,105,480	10,782,695,017	10,815,394,135	144,453,268,059	178,186,499,615	356,372,999,230	5.4%
2019	139,834,891,386	175,204,794,628	9,302,873,375	10,206,025,637	149,137,764,761	185,410,820,265	370,821,640,530	4.1%

(a) Property value information represents the combined totals of Livingston, Macomb, Oakland, Washtenaw, and Wayne counties. These counties are the member counties of the Metropark district.

(b) Total estimated market value is based on two times State Equalized Value figures.

Source: Livingston, Macomb, Oakland, Washtenaw, and Wayne County Assessing and Equalization Departments.

Taxable Valuations by County

Last Ten Fiscal Years
December 31, 2019

Year	Livingston County	% of Total	Macomb County	% of Total	Oakland County	% of Total	Washtenaw County	% of Total	Wayne County	% of Total	Total Taxable Value	% of Total
2010	$ 8,572,010,718	5.1%	$ 31,010,555,286	18.4%	$ 62,411,551,405	37.1%	$ 15,271,517,551	9.1%	$ 50,934,805,540	30.3%	$ 168,200,440,500	100.0%
2011	7,953,592,697	5.2%	27,895,119,373	18.4%	55,081,707,586	36.2%	14,496,599,262	9.5%	46,582,482,079	30.6%	152,009,500,997	100.0%
2012	8,195,851,938	5.8%	25,840,445,900	18.1%	50,798,540,257	35.6%	14,083,128,684	9.9%	43,605,427,141	30.6%	142,523,393,920	100.0%
2013	7,482,442,287	5.5%	24,255,702,728	17.8%	49,235,953,993	36.1%	13,976,296,665	10.2%	41,423,614,473	30.4%	136,374,010,146	100.0%
2014	7,571,057,139	5.6%	24,113,941,897	17.7%	49,235,110,306	36.2%	14,210,463,343	10.4%	40,939,078,135	30.1%	136,069,650,820	100.0%
2015	7,682,984,917	5.6%	24,563,858,227	18.0%	50,048,650,087	36.6%	14,496,462,571	10.6%	40,043,688,852	29.3%	136,835,644,654	100.0%
2016	8,053,582,840	5.7%	25,475,376,698	18.1%	51,895,341,437	36.9%	14,925,676,802	10.6%	40,277,598,655	28.6%	140,627,576,432	100.0%
2017	8,193,575,309	5.8%	25,264,565,701	18.0%	52,786,202,473	37.5%	15,257,429,398	10.8%	39,162,074,391	27.8%	140,663,847,272	100.0%
2018	8,463,028,554	5.9%	25,997,372,246	18.0%	54,723,743,027	37.9%	15,807,731,211	10.9%	39,461,393,021	27.3%	144,453,268,059	100.0%
2019	8,878,491,771	6.0%	25,555,075,785	17.1%	57,302,006,431	38.4%	16,634,606,777	11.2%	40,767,583,997	27.3%	149,137,764,761	100.0%

Note: Property tax levies are not collected directly by Huron-Clinton Metropolitan Authority. Authority property tax levies are collected by local communities within the five county park district and are forwarded to each County Treasurer who distributes the Authority's tax levy to the park district. Accordingly, individual taxpayer records are not maintained by Huron-Clinton Metropolitan Authority.

Source: Livingston, Macomb, Oakland, Washtenaw, and Wayne County Assessing and Equalization Departments.

Property Tax Rates (Per $1,000 of Value)

Last Ten Fiscal Years
December 31, 2019

Year	Authority Millage Rate (a)
2010	0.2146
2011	0.2146
2012	0.2146
2013	0.2146
2014	0.2146
2015	0.2146
2016	0.2146
2017	0.2146
2018	0.2141
2019	0.2129

(a) Huron-Clinton Metropolitan Authority operates in five different counties encompassing many different townships, cities, and school districts. Huron-Clinton Metropolitan Authority does not collect any taxes on behalf of any other governmental entity.

Source: Livingston, Macomb, Oakland, Washtenaw, and Wayne County Assessing and Equalization Departments.

Property Tax Levies and Collections

Last Ten Fiscal Years
December 31, 2019

Year	Initial Tax Levy (a)	Current Year Tax Collections (b)	Percent of Current Year Taxes Collected	Prior Years Tax Receivable Balances	Prior Years Tax Receivable Collections (b)	Percent of Prior Years Taxes Collected	Total Tax Collections	Percent of Total Tax Collections (c)	Outstanding Tax Receivable Balances At Year End
2010	$ 34,594,391	$ 34,777,802	100.5%	$ 774,623	$ (249,370)	-32.2%	$ 34,528,432	97.6%	$ 446,996
2011	31,348,452	31,179,480	99.5%	121,434	(230,372)	-189.7%	30,949,108	98.3%	239,058
2012	30,311,637	29,158,227	96.2%	63,840	(238,136)	-373.0%	28,920,091	95.2%	110,914
2013	29,093,937	28,015,682	96.3%	53,383	(209,270)	-392.0%	27,806,412	95.4%	136,760
2014	28,950,466	28,419,636	98.2%	93,563	37,629	40.2%	28,457,265	98.0%	193,154
2015	29,147,709	28,155,589	96.6%	193,154	265,079	137.2%	28,420,668	96.9%	155,578
2016	29,956,861	29,330,025	97.9%	155,578	42,697	27.4%	29,372,722	97.5%	175,541
2017	30,002,724	33,389,306	111.3%	175,541	128,223	73.0%	33,517,529	111.1%	178,721
2018	30,736,230	28,385,251	92.4%	178,721	57,299	32.1%	28,442,550	92.0%	1,752,480
2019	31,977,434	33,087,084	103.5%	1,752,480	1,956,282	111.6%	35,043,366	103.9%	75,771

(a) Initial tax levy amounts exclude Industrial, Commercial, Downtown Development Authority, Tax Incremental Financing Authority tax abatement properties, Board of Review, and State Tax Tribunal adjustments.

(b) Tax collection amounts are net of refunds ordered by Boards of Review and the State Tax Tribunal.

(c) Compares total tax collections to initial tax levy and prior years tax receivable balances at year end.

Source: Huron-Clinton Metropolitan Authority and various County collection records.

Principal Property Tax Payers

Current and Nine Years Ago
December 31, 2019

	2019			2010		
Taxpayer	Taxable Value (a)	Rank	Percent of Total Authority Taxable Value	Taxable Value (a)	Rank	Percent of Total Authority Taxable Value
Detroit Edison	2,348,046,605	1	1.56%	2,046,214,133	1	1.22%
Ford Motor Company	866,596,182	2	0.58%	1,983,558,951	2	1.18%
Consumers Energy	748,038,494	3	0.50%	315,080,869	5	0.19%
ITC	476,433,607	4	0.32%	-	-	-
FCA Auburn Hills Owner LLC/Chrysler Corporatior	423,256,453	5	0.28%	-	-	-
General Motors Corp.	412,455,816	6	0.27%	1,679,069,261	3	1.00%
Michigan Consolidated Gas	335,004,400	7	0.22%	-		-
Enbridge Energy	328,828,680	8	0.22%	-		-
Vanguard Health Systems- Hospitals	309,397,420	9	0.21%	-		-
Marathon Oil Company	227,345,300	10	0.15%	-		-
Daimler/Chrysler	-		-	1,182,670,373	4	0.70%
MGM Grand Detroit LLC	-		-	246,711,996	6	0.15%
United States Steel	-		-	223,027,845	7	0.13%
Pfizer Global	-		-	194,550,774	8	0.12%
Meijer, Inc.	-		-	168,712,974	9	0.10%
International Transmission	-		-	151,186,066	10	0.09%
Total Ten Largest Taxpayers	**$ 6,475,402,957**		**4.31%**	**$ 8,190,783,242**		**4.88%**

(a) Taxable values include Industrial Facility Act 198 properties and Commercial Facility Act 255 properties. Taxable values have been combined if the taxpayer has locations in more than one county.

Source: Livingston, Macomb, Oakland, Washtenaw, and Wayne County Assessing and Equalization Departments.

Demographic and Economic Statistics

Total Population by County (a)

Year	Livingston	Macomb	Oakland	Washtenaw	Wayne	Total
1940	26,725	107,638	254,068	80,810	2,015,623	2,484,864
1950	38,233	184,961	396,001	134,606	2,435,235	3,189,036
1960	38,233	405,804	690,259	172,440	2,666,297	3,973,033
1970	58,967	626,204	907,871	234,103	2,670,368	4,497,513
1980	100,289	694,600	1,011,793	264,748	2,337,891	4,409,321
1990	115,645	717,400	1,083,592	282,937	2,111,687	4,311,261
2000	156,951	788,149	1,194,156	322,895	2,061,162	4,523,313
2010	180,967	840,978	1,202,362	344,791	1,820,584	4,389,682
2013	182,402	845,197	1,213,406	348,560	1,804,507	4,394,072
2014	183,264	849,344	1,220,798	351,454	1,790,078	4,394,938
2015	184,591	854,689	1,229,503	354,092	1,778,969	4,401,844
2016	185,841	859,703	1,235,215	358,082	1,767,593	4,406,434
2017	186,946	864,019	1,241,860	361,509	1,763,822	4,418,156
2018	188,482	868,704	1,250,843	365,961	1,761,382	4,435,372

Number of Households by County (b)

Livingston	Macomb	Oakland	Washtenaw	Wayne	Total
71,180	343,592	501,260	140,210	676,587	1,732,829

Household Income by County (b)

Income	Livingston	Macomb	Oakland	Washtenaw	Wayne	Total
Less than $10,000	1,987	16,499	22,494	9,402	78,679	129,061
$10,000 to $14,999	1,587	12,731	16,242	5,418	40,678	76,656
$15,000 to $24,999	4,032	32,342	35,265	10,557	78,856	161,052
$25,000 to $34,999	4,592	33,439	36,633	10,408	73,805	158,877
$35,000 to $49,999	8,138	47,650	54,173	15,802	91,961	217,724
$50,000 to $74,999	12,173	64,567	81,731	23,083	111,924	293,478
$75,000 to $99,999	10,799	46,087	65,385	16,564	71,375	210,210
$100,00 to $149,999	14,796	55,509	89,016	23,371	75,669	258,361
$150,000 to $199,999	7,118	20,887	45,894	11,671	27,756	113,326
$200,000 or more	5,958	13,881	54,427	13,934	25,884	114,084

Median Household Income (b)

Livingston	Macomb	Oakland	Washtenaw	Wayne
$80,897	$60,466	$76,387	$69,434	$45,321

Ethnicity by County (a)

Ethnicity	Livingston		Macomb		Oakland		Washtenaw		Wayne		Total	
White	181,591	96.34%	707,875	81.49%	941,026	75.23%	269,777	73.72%	937,396	53.22%	3,037,665	68.49%
Black and African American	1,114	0.59%	99,265	11.43%	171,098	13.68%	43,099	11.78%	685,098	38.90%	999,674	22.54%
American Indian & Alaska Nat	534	0.28%	2,525	0.29%	3,302	0.26%	1,202	0.33%	5,566	0.32%	13,129	0.30%
Asian	1,730	0.92%	33,769	3.89%	90,212	7.21%	33,165	9.06%	57,380	3.26%	216,256	4.88%
Native Hawaiian/Other Pacific	124	0.07%	346	0.04%	323	0.03%	189	0.05%	481	0.03%	1,463	0.03%
Other Race	589	0.31%	5,005	0.58%	9,911	0.79%	2,635	0.72%	33,543	1.90%	51,683	1.17%
Two or More Races	2,800	1.49%	19,919	2.29%	34,971	2.80%	15,894	4.34%	41,918	2.38%	115,502	2.60%
	188,482		868,704		1,250,843		365,961		1,761,382		4,435,372	

Age by County (a)

Income	Livingston		Macomb		Oakland		Washtenaw		Wayne		Total	
under 5	9,574	5.08%	47,677	5.49%	68,288	5.46%	18,283	5.00%	115,396	6.55%	259,218	5.84%
5 through 9	11,010	5.84%	51,583	5.94%	72,015	5.76%	18,449	5.04%	113,925	6.47%	266,982	6.02%
10 through 14	12,587	6.68%	52,621	6.06%	78,457	6.27%	20,528	5.61%	117,777	6.69%	281,970	6.36%
15 through 19	13,174	6.99%	53,199	6.12%	78,608	6.28%	32,986	9.01%	114,745	6.51%	292,712	6.60%
20 through 24	10,990	5.83%	54,621	6.29%	75,289	6.02%	48,545	13.27%	121,176	6.88%	310,621	7.00%
25 through 34	19,614	10.41%	111,911	12.88%	160,104	12.80%	51,976	14.20%	236,886	13.45%	580,491	13.09%
35 through 44	21,888	11.61%	107,149	12.33%	158,007	12.63%	41,902	11.45%	211,968	12.03%	540,914	12.20%
45 through 54	30,388	16.12%	126,719	14.59%	183,224	14.65%	43,980	12.02%	236,245	13.41%	620,556	13.99%
55 through 59	15,775	8.37%	64,004	7.37%	93,986	7.51%	21,393	5.85%	123,492	7.01%	318,650	7.18%
60 through 64	13,506	7.17%	58,219	6.70%	83,983	6.71%	20,641	5.64%	110,818	6.29%	287,167	6.47%
65 through 74	18,744	9.94%	79,795	9.19%	117,090	9.36%	28,793	7.87%	149,481	8.49%	393,903	8.88%
75 through 84	8,564	4.54%	41,534	4.78%	55,478	4.44%	12,701	3.47%	74,424	4.23%	192,701	4.34%
85 and over	2,668	1.42%	19,672	2.26%	26,314	2.10%	5,784	1.58%	35,049	1.99%	89,487	2.02%
	188,482		868,704		1,250,843		365,961		1,761,382		4,435,372	

Data from 2018 American Community Survey:
(a) ACS Demographic and Housing Estimates (DP05)
(b) Selected Economic Characteristics (DP03)

Principal Employers

Current and Ten Years Ago
December 31, 2019

	2019			2010		
Employer	Employees (a)	Rank	Percentage of Total Region Employment	Employees (a)	Rank	Percentage of Total Region Employment
Ford Motor Company	47,300	1	15.5%	40,893	1	15.20%
General Motors	36,714	2	12.0%	21,172	4	7.90%
FCA US LLC (formerly Chrysler)	34,601	3	11.3%	24,028	3	9.00%
University of Michigan Hospitals	33,225	4	10.9%	25,730	2	9.60%
Beaumont Health System	26,992	5	8.8%	13,694	8	5.10%
Henry Ford Health System	21,103	6	6.9%	15,277	7	5.70%
US Government	17,870	7	5.9%	15,479	6	5.80%
Rock Ventures	17,819	8	5.8%	-	-	-
Trinity Health	10,533	9	3.5%	-	-	-
City of Detroit	9,565	10	3.1%	13,352	9	5.00%
Ascension Michigan (formerly St. John)	-	-	-	-	-	-
Detroit Public Schools	-	-	-	15,904	5	0.06%
US Postal Service	-	-	-	12,832	10	4.80%
	255,722		**83.70%**	198,361		**68.16%**

(a) Employer information for Livingston County was unavailable as of the report letter date

Sources: Crain's Detroit Business, Michigan Department of Technology, Management, and Budget, Macomb, Oakland, Washtenaw, and Wayne County annual financial statements.

Full-Time Equivalent Employees by Location

Last Ten Fiscal Years

December 31, 2019

	As of December 31,									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Location										
Administrative Office	51	56	54	53	50	53	58	67	65	51
Lake St. Clair Metropark	59	55	55	57	51	53	56	57	55	59
Kensington Metropark	95	85	81	80	82	88	96	97	94	95
Lower Huron Metropark	94	86	85	84	83	88	94	89	85	94
Hudson Mills Metropark	34	33	35	32	28	29	29	29	29	34
Stony Creek Metropark	58	55	53	55	53	56	63	63	59	58
Lake Erie Metropark	51	47	48	48	45	43	44	45	49	51
Wolcott Mill Metropark	21	20	19	16	16	20	23	18	18	21
Indian Springs Metropark	26	24	22	22	24	25	24	23	23	26
Huron Meadows Metropark	17	14	12	11	11	12	12	12	12	17
Total	**506**	**475**	**464**	**458**	**443**	**467**	**499**	**500**	**489**	**506**

Capital Asset Statistics by Function/Program

Last Ten Fiscal Years

December 31, 2019

	As of December 31,									
	2010	2011	2012	2013	2014	2015*	2016	2017	2018	2019
Number of Regional Parks	13	13	13	13	13	13	13	13	13	13
Vehicle Count						2,859,720	2,947,885	2,921,824	2,906,524	2,829,831
Estimated Attendance***	9,203,225	8,434,169	8,866,125	8,420,298	7,939,916	7,149,300	7,369,713	7,304,560	7,266,310	5,942,645
Land (acres)										
All Land ****						24,521	24,521	24,508	24,508	24,508
Encumbered for Recreation						14,761	14,761	14,761	14,761	14,761
Leased for Farming						595	595	491	491	491
Leased for Recreation						450	450	450	450	450
Leased for Utilities						24	24	24	24	24
General Grounds Maintenance - Acres Mowed Annually	2,694	2,281	2,261	2,261	3,099	3,099	3,691	3,691	3,691	3,691
Trails (miles)										
Nature/Hiking						58	58	59	59	59
Paved/Shared Use						84	84	90	90	90
Equestrian						36	36	36	36	91
Cross Country Ski	75	80	80	80	81	64	64	64	64	64
Mountain Biking						19	19	19	19	19
Maintenance Paths						81	81	81	81	81
Aquatic Facilities										
Aquatic Centers **								5	5	5
Spray Pads**	4	4	4	4	4	4	4	2	2	2
Pools **	4	4	4	4	4	4	4			
Beaches	5	5	5	5	5	5	5	5	5	5
Boat Launches	44	44	44	44	46	50	50	50	50	50
Boat Rental Facilities-Metropark operated	5	6	6	6	5	6	6	4	4	4
Boat Rental Facilities-Concessionaire operated								2	3	3
Fishing Platforms						16	16	16	16	16
Marinas - Number of Boat Slips	553	553	509	509	498	393	393	393	393	393
Winter Facilities										
Ice Skating Areas						4	4	4	4	4
Sledding Areas						8	8	8	8	8
Infrastructure										
Buildings						489	489	484	484	484
Roads (miles)						68	68	68	68	68
Parking Spaces						19,332	19,332	19,332	19,332	19,332

Capital Asset Statistics by Function/Program

Last Ten Fiscal Years

December 31, 2019

	As of December 31,									
	2010	2011	2012	2013	2014	2015*	2016	2017	2018	2019
Great Lakes Shoreline (miles)						14	14	14	14	14
Inland Lakes (acres)						3,634	3,634	3,634	3,634	3,634
Recreation Facilities										
Regulation 18 Hole Courses	8	8	8	8	8	8	8	7	7	7
Number of Golf Rounds	204,839	184,837	187,686	182,333	169,157	191,605	190,527	176,231	174,580	187,247
Par 3 Courses	2	2	2	2	2	2	2	1	1	1
Number of Golf Rounds	24,858	17,879	19,829	17,238	12,971	14,257	14,025	4,249	6,784	5,433
Number of Foot Golf Rounds								784	324	823
Driving Ranges	5	5	5	5	6	6	6	5	5	5
Disc Golf Courses						5	5	5	5	5
Disc Golf Holes	120	120	123	123	126	135	135	135	135	135
Playgrounds	45	49	50	50	51	78	78	77	77	77
Picnic Shelters	87	92	91	9	91	87	87	86	86	86
Picnic Areas	85	90	89	88	88	70	70			
Tennis Courts	8	8	8	8	8	9	9	8	4	4
Pickleball Courts								3	3	3
Basketball Courts	19	19	19	19	18	15	15	15	15	15
Sand Volleyball Courts						38	38	39	39	39
Baseball Fields						28	28	22	21	21
Interpretive Centers										
Environmental Discovery Center	1	1	1	1	1	1	1	1	1	1
Farm Centers	2	2	2	2	2	2	2	2	2	2
Grist Mill	1	1	1	1	1	1	1	1	1	1
Nature Centers	6	6	6	6	6	6	6	6	6	6
Mobile Metropark	1	1	1	1	1	1	3	3	3	3
Number of Visitors	1,761,071	1,681,737	1,657,759	1,549,800	1,549,000	1,382,962	1,470,541	1,487,666	1,503,582	1,475,367
Number of Interpretive Programs	10,106	10,181	9,706	7,478	7,175	7,580	5,520	5,553	5,944	5,859
Special Event Facilities						6	6	6	6	6
Excursion Boat	1	1	1	1	1	1	1	1	1	1
Public Safety										
Number of Patrol Vehicles	37	39	39	36	36	36	36	36	36	37
Number of Law Violations										
Arrests	28	13	19	20	24	30	25	50	40	23
Traffic Violations	305	232	175	221	225	295	333	193	330	147
Other Violations	120	129	56	49	75	167	129	82	87	119

Capital Asset Statistics by Function/Program

Last Ten Fiscal Years

December 31, 2019

	As of December 31,									
	2010	2011	2012	2013	2014	2015*	2016	2017	2018	2019
Land (acres) Developed	5,800	5,800	5,800	5,800	4,890					
Land (acres) Undeveloped	18,310	18,355	18,355	18,355	18,960					
Land (acres) Under Recreational Lease to Other Agencies	600	600	600	600	1,045					
Number of Buildings Maintained	319	321	321	321	320					
Square Footage of Buildings Maintained	697,520	703,120	705,395	705,395	703,120					
Equestrian Trails - Number of Miles	53	53	53	53	53					
Hike/ Bike Trails (paved) - Number of Miles of Paved Trails	55	61	61	61	66					
Miles of Shoreline	100	94	94	94	94					
Nature Trails - Number of Miles	56	75	75	75	75					
Outdoor Dance Centers	1	2	2	2	2					
Parking Lots - Square Yards Maintained	833,428	794,691	796,191	768,191	768,191					
Road System - Number of Lane Miles Maintained	166	162	162	162	165					
Skate Parks	1	1	1	1	1					
Ice Skating Rinks	9	7	7	7	7					
Sledding/Toboggan Hills	18	18	18	19	19					

*During the year ending December 31, 2015 the Authority's Planning Department developed a comprehensive Vision Plan which included new statistical areas of focus that will be monitored and maintained on a go forward basis. For this reason, certain categories and areas of statistical reporting have changed from previous years reporting. Consistency among categories has been maintained where available.

**During the year ending December 31, 2017 the Authority's Planning Department reevaluated the aquatic facility categories reported. It was concluded to present a new category of Aquatic Center which may include multiple types of facilities previously reported separately.

***Estimated attendance based on standard multiplier applied to actual vehicle count

****Based on land acquisition records, including undeveloped parkway land outside park boundaries

Metropark General Governmental Expenditures by Type

Last Ten Fiscal Years

December 31, 2019

Year	Capital Improvements	Equipment	Land Acquisition	Major Maintenance	General Administration	Park Operations	Supplemental Major Maintenance Fund	Capital Projects Fund	Total
2010	$ 4,494,392	$ 1,972,142	$ 10,423	$ 1,131,938	$ 7,088,861	$ 32,131,822	$ 190,332	$ -	$ 47,019,910
2011	3,456,892	965,066	565,997	1,106,658	7,075,619	31,717,979	1,078,344	-	45,966,555
2012	2,491,443	1,170,104	2,350	1,553,104	7,538,185	29,706,692	1,930,912	-	44,392,790
2013	5,068,491	1,531,932	28,820	704,328	6,990,592	28,829,491	292,196	-	43,445,850
2014	4,879,504	1,225,463	269,846	1,435,517	7,640,052	29,119,023	382,460	-	44,951,865
2015	3,212,855	1,370,378	177,591	1,786,274	7,516,737	31,518,622	94,579	-	45,677,036
2016	4,159,886	3,089,427	5,056	1,926,210	7,371,706	32,622,292	-	-	49,174,577
2017	7,523,357	2,801,066	10,900	2,270,033	9,122,348	33,299,256	-	-	55,026,960
2018	-	1,836,785	-	2,546,141	9,254,259	32,843,656	-	2,130,516	48,611,357
2019	-	1,960,797	-	900,482	9,641,366	33,958,676	-	2,998,619	49,459,941

Metropark General Governmental Expenditures by Park

Last Ten Fiscal Years

December 31, 2019

	As of December 31,										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total (a)
Capital Projects Fund											
Administrative Office	$ -	$ -	$ -	$ 15,070	$ 45,000	$ -	$ 112,999	$ 88,600	$ -	$ -	$ 261,669
Lake St. Clair Metropark	779,453	164,896	501,752	3,388,101	247,053	252,381	1,236,529	3,877,088	253,892	650,641	11,351,786
Kensington Metropark	991,397	2,417,637	275,844	123,195	2,008,956	452,571	299,491	727,346	231,173	95,991	7,623,601
Dexter-Delhi Metropark	21,066	129,214	25,859	14,659	34,885	-	-	-	-	-	225,683
Lower Huron/Willow/Oakwoods Metropark	842,785	274,389	269,893	516,245	66,796	156,782	51,322	593,005	93,124	333,065	3,197,406
Hudson Mills Metropark	324,848	158,655	97,746	525,153	303,410	110,901	36,544	56,897	40,895	256,645	1,911,694
Stony Creek Metropark	344,335	135,328	1,182,503	125,936	237,809	1,405,205	1,820,937	1,361,602	1,193,394	1,224,647	9,031,696
Lake Erie Metropark	714,069	118,017	36,280	55,787	351,366	27,186	223,999	408,973	34,586	238,350	2,208,613
Wolcott Mill Metropark	29,399	14,417	35,032	78,544	60,035	389,335	363,060	230,446	95,491	17,272	1,313,031
Indian Springs Metropark	312,175	41,265	37,288	167,628	325,956	371,525	15,005	155,170	4,674	-	1,430,686
Huron Meadows Metropark	134,865	3,074	29,246	58,173	1,198,238	46,969	-	24,230	183,287	182,009	1,860,091
Cost Share Other Agencies	-	-	-	-	-	-	-	-	-	-	-
Total	4,494,392	3,456,892	2,491,443	5,068,491	4,879,504	3,212,855	4,159,886	7,523,357	2,130,516	2,998,619	40,415,955
Equipment											
Central Pool Equipment	167,493	274,595	107,813	172,763	630,121	231,321	313,470	157,070	200,531	187,327	2,442,504
Lake St. Clair Metropark	236,282	113,685	213,150	109,896	142,484	206,783	235,466	275,544	134,871	179,720	1,847,881
Kensington Metropark	453,310	140,575	318,761	230,212	149,257	207,324	585,804	613,122	290,650	253,787	3,242,802
Lower Huron/Willow/Oakwoods Metropark	188,961	260,665	132,884	94,976	69,759	139,967	497,397	742,245	263,752	227,180	2,617,786
Hudson Mills Metropark	85,561	40,422	12,656	117,115	82,700	36,814	156,368	29,781	125,884	216,597	903,898
Stony Creek Metropark	282,333	67,235	257,776	282,583	46,107	332,084	634,571	511,883	340,088	288,048	3,042,708
Willow/Oakwoods Metroparks	72,601	189,437	57,047	32,710	1,320	-	-	-	-	-	353,115
Lake Erie Metropark	111,636	16,638	1,250	358,709	10,558	66,180	316,289	221,945	159,697	60,585	1,323,487
Wolcott Mill Metropark	19,071	22,966	8,906	11,095	35,050	41,751	169,864	86,887	128,129	146,422	670,141
Indian Springs Metropark	77,778	28,285	94,408	91,409	17,537	85,280	78,549	62,471	39,689	312,459	887,865
Huron Meadows Metropark	349,718	-	22,500	63,174	41,890	22,874	101,649	100,118	153,495	88,673	944,091
Total	2,044,744	1,154,503	1,227,151	1,564,642	1,226,783	1,370,378	3,089,427	2,801,066	1,836,786	1,960,797	18,276,277
Land Acquisition											
Lake St. Clair Metropark	-	-	-	19,456	72,859	177,591	5,056	-	-	-	274,962
Kensington Metropark	-	-	-	2,950	-	-	-	-	-	-	2,950
Wolcott Mill Metropark	8,400	287,884	2,350	6,414	196,737	-	-	-	-	-	501,785
Indian Springs Metropark	23	273,813	-	-	-	-	-	-	-	-	273,836
Huron Meadows	2,000	-	-	-	-	-	-	10,900	-	-	12,900
Other Metroparks	-	4,300	-	-	250	-	-	-	-	-	4,550
Total	10,423	565,997	2,350	28,820	269,846	177,591	5,056	10,900	-	-	1,070,983

Metropark General Governmental Expenditures by Park

Last Ten Fiscal Years

December 31, 2019

	As of December 31,										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total (a)
Major Maintenance											
Administrative Office - Engineering/General Planning	$ 69,367	$ 166,374	$ 76,319	$ 90,486	$ 74,754	$ 8,044	$ 17,116	$ 43,718	$ 2,532	$ -	$ 548,710
Lake St. Clair Metropark	37,271	177,368	67,827	170,388	226,800	198,938	180,587	733,523	162,313	50,226	2,005,241
Kensington Metropark	101,468	321,623	127,031	31,511	282,058	411,571	421,900	159,149	1,087,154	317,919	3,261,384
Lower Huron/Willow/Oakwoods Metropark	89,350	160,134	429,468	38,958	454,770	338,346	252,139	497,763	564,178	311,445	3,136,551
Hudson Mills Metropark	55,458	19,178	338,736	-	38,651	42,342	129,663	53,080	95,746	20,237	793,091
Stony Creek Metropark	570,546	83,260	236,918	38,138	228,158	269,969	634,683	212,106	121,281	57,593	2,452,652
Lake Erie Metropark	76,122	110,656	125,456	248,430	4,250	17,962	91,900	91,547	216,278	18,869	1,001,470
Wolcott Mill Metropark	-	40,458	45,053	18,572	126,076	264,173	111,436	132,151	40,838	92,946	871,703
Indian Springs Metropark	6,632	26,645	48,053	63,979	-	99,502	71,109	346,996	210,853	31,235	905,004
Huron Meadows Metropark	125,724	964	58,243	3,866	-	135,427	15,677	-	44,968	-	384,869
Total	1,131,938	1,106,660	1,553,104	704,328	1,435,517	1,786,274	1,926,210	2,270,033	2,546,141	900,469	15,360,674
General Administration											
Administrative Office	7,088,861	7,075,619	7,538,185	6,990,592	7,640,052	7,516,737	7,371,706	9,122,348	9,254,289	9,641,366	79,239,755
Park Operations											
Lake St. Clair Metropark	3,951,050	3,784,910	3,500,206	3,518,212	3,476,787	3,955,554	4,045,798	4,193,050	4,220,224	4,244,286	38,890,077
Kensington Metropark	6,529,008	6,486,029	6,163,819	5,942,347	6,009,375	6,487,747	6,792,494	6,936,915	6,986,445	7,252,435	65,586,614
Lower Huron/Willow/Oakwoods Metropark	5,790,454	5,740,732	5,370,279	5,314,881	5,241,451	5,954,585	6,142,630	6,388,626	5,809,366	5,929,336	57,682,340
Dexter/Delhi/Hudson Mills Metroparks	2,747,588	2,981,726	2,741,822	2,463,982	2,444,480	2,531,077	2,525,080	2,493,050	2,737,335	2,595,250	26,261,390
Stony Creek Metropark	4,230,227	4,058,406	3,959,094	3,816,608	3,896,686	4,450,218	5,041,688	4,907,561	4,701,122	5,201,860	44,263,470
Lake Erie Metropark	3,425,448	3,379,534	3,356,082	3,393,851	3,313,518	3,366,875	3,263,730	3,696,984	3,755,286	3,809,592	34,760,900
Wolcott Mill Metropark	1,755,269	1,775,100	1,604,023	1,398,932	1,548,474	1,645,858	1,790,519	1,537,099	1,530,676	1,410,077	15,996,027
Indian Springs Metropark	2,194,572	2,052,636	1,844,228	1,825,913	1,924,048	2,018,613	1,972,292	2,048,351	2,013,440	2,356,437	20,250,530
Huron Meadows Metropark	1,199,291	1,055,361	837,024	855,213	943,075	1,079,587	1,022,826	1,074,884	1,067,884	1,132,929	10,268,074
Central Warehouse/Garage/Other	308,915	403,546	330,115	299,552	321,129	28,517	25,235	22,736	21,848	26,488	1,788,081
Total	32,131,822	31,717,980	29,706,692	28,829,491	29,119,023	31,518,631	32,622,292	33,299,256	32,843,626	33,958,689	315,747,502
Supplemental Major Maintenance Fund											
Kensington Metropark	152,040	716,501	1,712,310	53,180	-	-	-	-	-	-	2,634,031
Lower Huron Metropark	-	-	-	-	-	-	-	-	-	-	-
Stony Creek Metropark	33,752	361,844	218,602	239,016	382,460	94,579	-	-	-	-	1,330,253
Oakwoods Metropark	4,540	-	-	-	-	-	-	-	-	-	4,540
Total	190,332	1,078,345	1,930,912	292,196	382,460	94,579	-	-	-	-	3,968,824
Total Expenditures	**$ 47,092,512**	**$ 46,155,996**	**$ 44,449,837**	**$ 43,478,560**	**$ 44,953,185**	**$ 45,677,045**	**$ 49,174,577**	**$ 55,026,960**	**$ 48,611,358**	**$ 49,459,941**	**$ 474,079,971**

(a) Includes General Fund and Capital Projects Fund.

Metropark General Governmental Revenue by Source

Last Ten Fiscal Years

December 31, 2019

Year	Property Tax	Park Operations	Interest	Grants	Gifts	Miscellaneous	Other Financing Sources	Supplemental Major Maintenance	Capital Projects Fund	Total (a)
2010	$ 34,528,432	$ 14,715,827	$ 384,922	$ 317,491	$57,065	$ 24,161	$411,926	$ 525,621	$ -	$ 50,965,445
2011	30,691,073	14,151,725	266,837	351,412	110,423	28,460	126,880	426,633	-	46,153,443
2012	28,384,628	15,027,250	133,184	409,538	127,231	513,164	204,213	623,420	-	45,422,628
2013	27,662,759	14,519,872	198,255	2,050,630	167,123	27,567	223,069	316,736	-	45,166,011
2014	28,125,677	16,316,176	277,461	215,614	87,407	97,013	43,551	251,281	-	45,414,180
2015	28,503,130	17,893,737	344,745	217,896	337,171	987,949	192,480	76,693	-	48,553,801
2016	29,246,499	20,130,849	287,928	76,182	130,674	339,905	319,165	131,845	-	50,663,047
2017	30,658,374	19,340,845	449,196	284,871	245,687	351,495	643,421	129,437	-	52,103,326
2018	31,675,974	19,328,560	707,124	976,902	230,832	791,122	473,716	174,459	89,585	54,448,274
2019	31,312,009	19,896,506	1,016,519	1,191,797	202,516	1,001,867	160,318	165,470	397,906	55,344,908

(a) Includes General Fund and Capital Projects Fund.

Metropark Operating Revenues by Park

Last Ten Fiscal Years

December 31, 2019

	As of December 31,										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total (a)
Lake St. Clair Metropark	$ 1,767,070	$ 1,639,040	$ 1,677,510	$ 1,605,222	$ 1,753,366	$ 2,161,319	$ 2,461,013	$ 2,315,553	$ 2,443,651	$ 2,441,145	$ 20,264,889
Kensington Metropark	2,896,630	2,802,315	2,959,722	3,007,259	3,481,846	3,996,669	4,552,476	4,741,963	4,523,073	4,818,987	37,780,940
Lower Huron Metropark	1,496,553	1,544,161	1,577,205	1,299,958	1,465,153	2,682,224	3,071,759	2,760,379	2,794,920	2,884,693	21,577,005
Dexter/Delhi/Hudson Mills Metroparks	969,111	887,294	826,820	867,709	964,791	1,044,048	1,082,519	1,116,862	1,111,316	1,138,216	10,008,686
Stony Creek Metropark	2,514,918	2,535,163	2,846,775	2,989,230	3,362,441	3,574,513	4,153,817	4,091,310	3,927,203	3,970,902	33,966,272
Willow/Oakwoods Metroparks	1,131,561	804,158	1,028,790	931,113	1,064,566	-	-	-	-	-	4,960,188
Lake Erie Metropark	1,576,391	1,572,925	1,553,867	1,395,317	1,521,141	1,627,750	1,772,447	1,668,012	1,764,715	1,775,506	16,228,071
Wolcott Mill Metropark	471,291	469,845	588,431	534,381	539,505	558,710	625,982	297,922	251,092	296,918	4,634,077
Indian Springs Metropark	870,566	811,109	904,808	953,775	1,079,093	1,122,183	1,237,868	1,107,336	1,184,415	1,149,175	10,420,328
Huron Meadows Metropark	807,926	760,210	702,974	689,334	773,048	856,215	910,351	905,093	899,953	958,854	8,263,958
Resident House/Land Leases Other Other	177,489	170,522	190,986	198,093	195,165	-	-	-	-	-	932,255
Administrative Office	36,321	154,983	169,355	48,481	116,061	270,106	262,617	336,415	428,222	462,103	2,284,664
Total	$14,715,827	$ 14,151,725	$ 15,027,243	$ 14,519,872	$ 16,316,176	$ 17,893,737	$ 20,130,849	$ 19,340,845	$19,328,560	$ 19,896,499	$ 171,321,333

Metropark Operating Revenues by Type

Last Ten Fiscal Years

December 31, 2019

	As of December 31,										
Type of Revenue	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total (a)
Food Service (b)	$ 803,573	$ 778,782	$ 730,059	$ 774,520	$ 1,201,877	$ -	$ -	$ -	$ -	$ -	$ 4,288,811
Aquatic	1,418,185	1,572,314	1,508,333	1,317,560	1,443,720	2,010,251	2,156,789	1,763,802	2,023,328	2,020,577	17,234,859
Dockage/Boat Storage	390,105	396,478	371,748	366,101	362,701	383,575	394,197	372,635	332,845	367,098	3,737,483
Boat Rentals	275,897	326,887	338,251	357,399	389,421	460,095	476,722	436,904	419,298	472,936	3,953,810
Excursion Boat	38,555	44,441	44,668	49,598	49,634	44,102	17,098	55,502	49,785	54,401	447,784
Cross Country Skiing	45,513	55,021	26,076	48,047	86,234	62,642	32,959	37,810	55,945	32,761	483,008
Toll Collection	5,690,581	5,358,278	5,722,407	5,547,951	6,991,270	7,471,802	9,167,954	9,452,371	8,936,788	9,294,165	73,633,567
Sundries (b)	125,336	104,699	119,669	115,538	109,392	-	-	-	-	-	574,634
Games/Equipment Rental (b)	38,712	4,375	17,463	28,875	32,390	-	-	-	-	-	121,815
Activity Center	122,608	132,997	145,918	123,194	127,407	210,988	245,014	114,004	227,522	180,211	1,629,863
Shelter Reservations	342,550	338,830	351,044	405,270	369,415	373,751	377,988	313,010	376,057	390,519	3,638,434
Golf Course	4,636,348	4,041,661	4,518,659	4,332,837	4,137,391	5,345,559	5,695,553	5,033,276	5,221,081	5,535,289	48,497,654
Adventure/Disc Golf	202,599	172,470	183,330	185,184	167,969	221,241	211,653	205,616	175,706	182,972	1,908,740
Special Events	25,760	48,829	41,301	83,653	56,331	157,462	220,531	102,998	16,501	125,721	879,087
Resident House/Land/Leases	107,025	113,597	131,925	137,138	127,157	131,640	130,127	136,301	224,469	163,905	1,403,284
Livestock Sales (b)	49,695	96,137	135,185	96,875	104,436	-	-	-	-	-	482,328
Hay Rides (b)	37,784	37,803	34,612	42,069	48,301	-	-	-	-	-	200,569
Site Location Fee (b)	18,785	24,980	16,269	30,760	35,244	-	-	-	-	-	126,038
Interpretive	184,658	217,775	252,338	268,279	257,623	603,271	635,268	717,556	650,706	614,741	4,402,215
Intergovernmental (b)	-	-	-	-	-	206,713	197,395	200,946	203,787	213,350	1,022,191
Miscellaneous (b)	155,911	136,454	115,851	42,020	145,239	106,265	70,521	282,927	276,914	124,324	1,456,426
Other Park Revenues (a)	5,637	148,918	222,138	167,004	70,024	104,380	101,080	115,187	137,828	123,529	1,195,725
Total	14,715,817	14,151,726	15,027,244	14,519,872	16,313,176	17,893,737	20,130,849	19,340,845	19,328,560	19,896,499	171,318,325

(a) Other Park Revenues include camping, trackless train, and mobile stage.
(b) During the year ended December 31, 2015 the Authority revised their chart of accounts and reporting classifications.
Certain types of operating revenues were consolidated into new or existing operating classifications. As such some historical comparisons are not available.

GASB Statement No. 89 - Interest Incurred during Construction

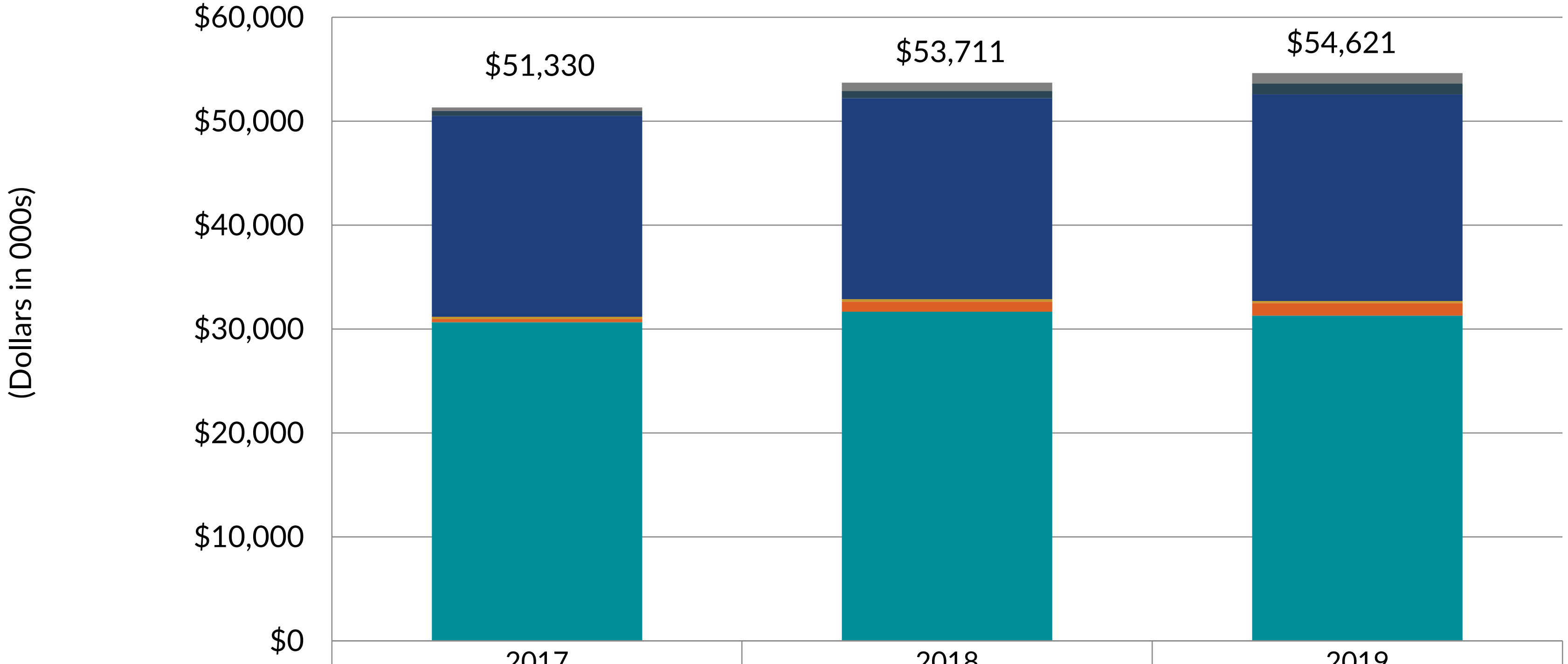
This new accounting pronouncement will be effective for reporting periods beginning after December 15, 2019 (December 15, 2020 after extension within GASB Statement No. 95). This statement eliminates capitalized interest and instead requires all interest expense, including the portion incurred during construction of a capital asset, to be expensed. Early adoption is encouraged.

GASB Statement No. 92 - Omnibus 2020

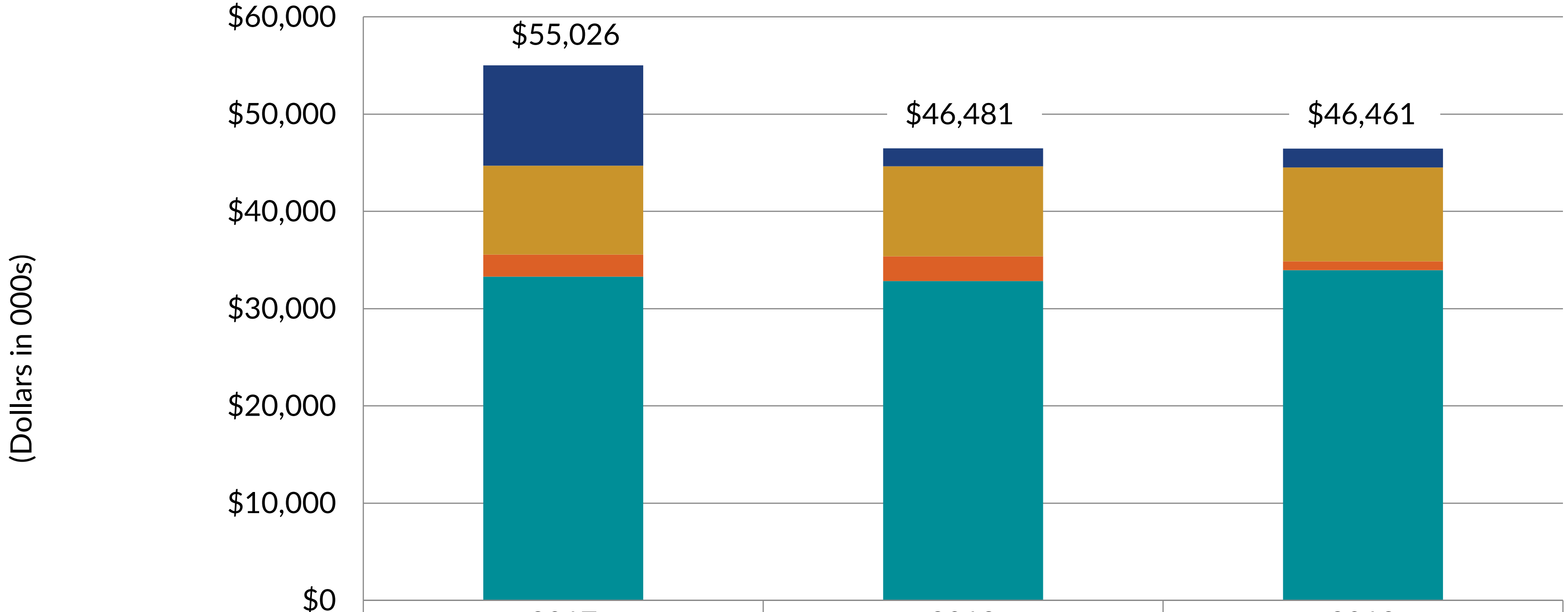
This new accounting pronouncement has various effective dates that were postponed by one year after extension within GASB Statement No. 95. This statement addresses eight unrelated practice issues and technical inconsistencies in authoritative literature. The standard addresses leases, intraentity transfers of assets, postemployment benefits, government acquisitions, risk financing and insurance-related activities of public entity risk pools, fair value measurements, and derivative instruments.

7-A-1-b

HURON-CLINTON
METROPARKS

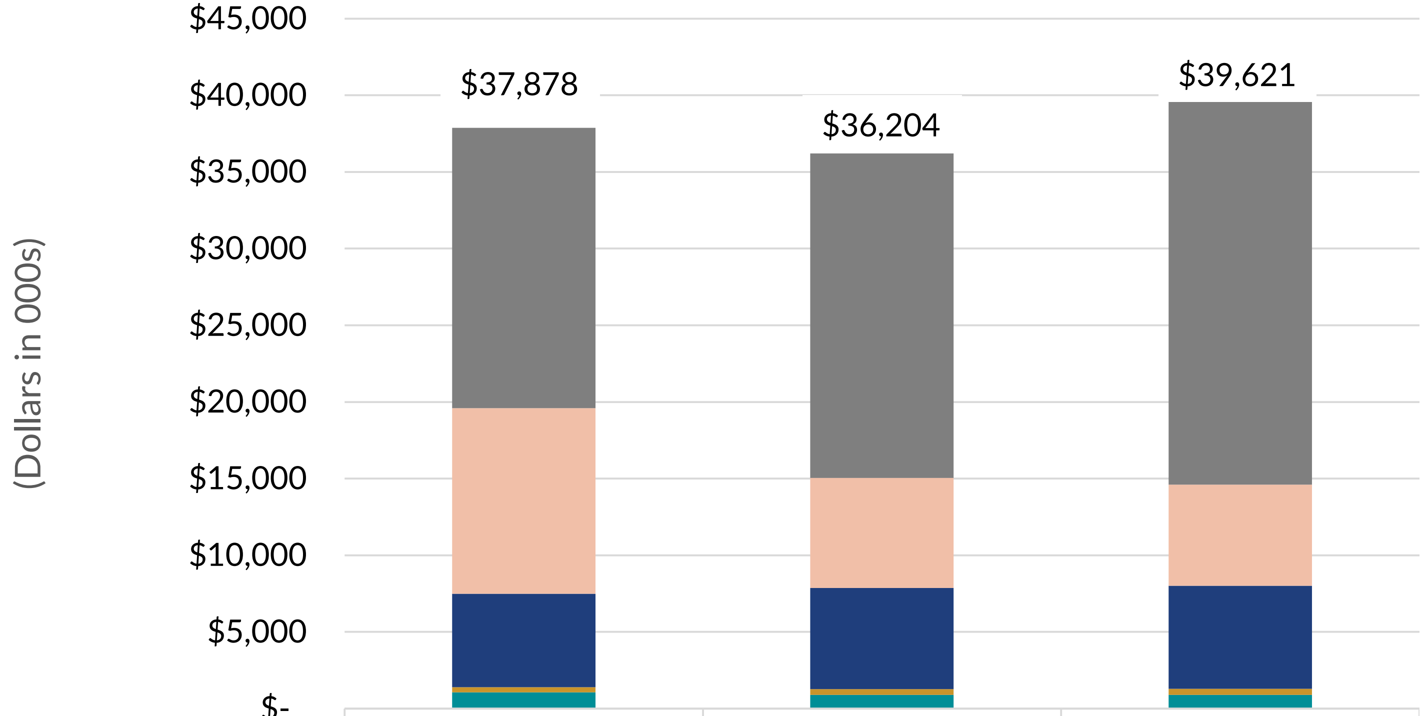


	2017	2018	2019
Other	$351	$791	$1,002
Interest	$449	$707	$1,017
Charges for Services	$19,341	$19,329	$19,896
Donations	$246	$231	$202
Operating Grants	$285	$977	$1,192
Property Taxes	$30,658	$31,676	$31,312



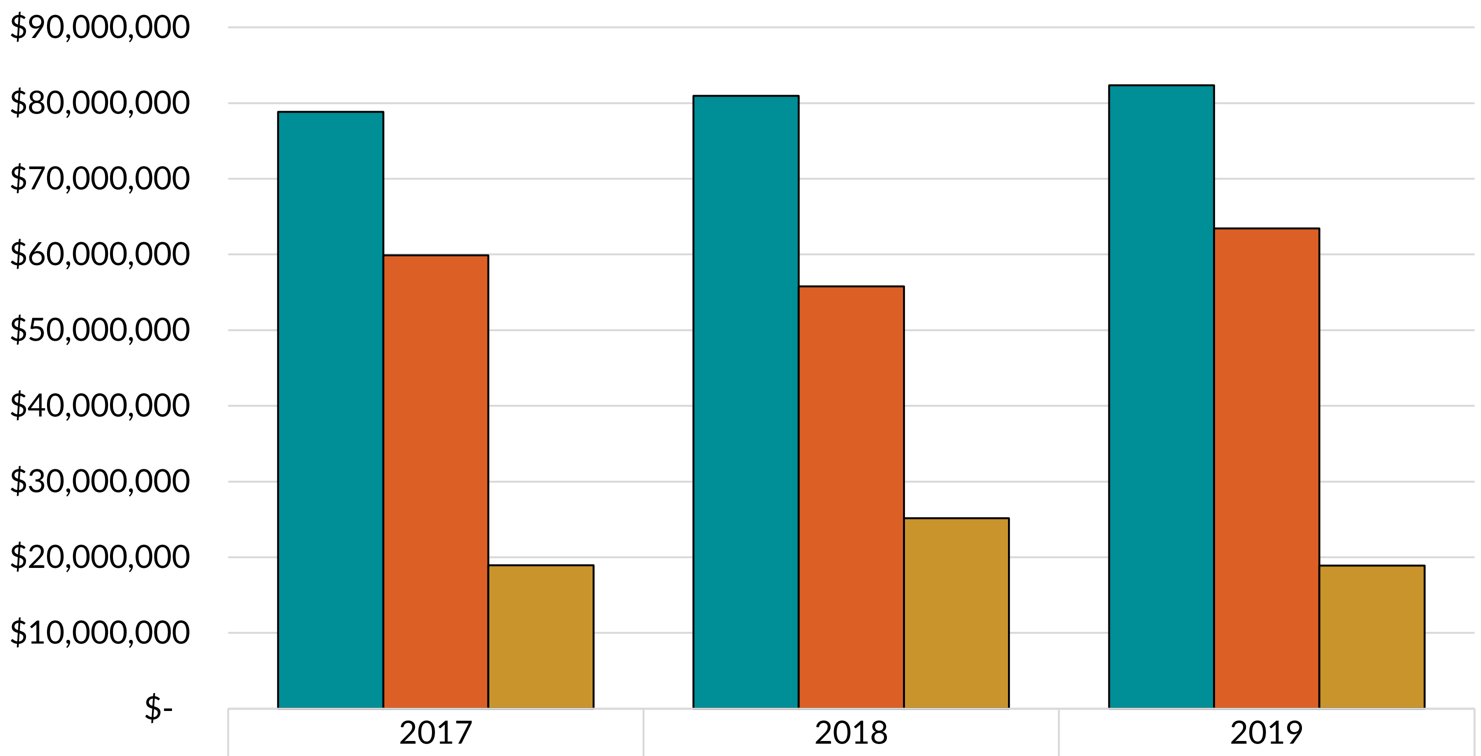
	2017	2018	2019
Capital Outlay	$10,335	$1,837	$1,961
Administrative Offices	$9,122	$9,254	$9,641
Major Maintenance	$2,270	$2,546	$900
Park Operations	$33,299	$32,844	$33,959

Huron Clinton Metroparks Authority
Fund Balance – General Fund
Years Ended December 31



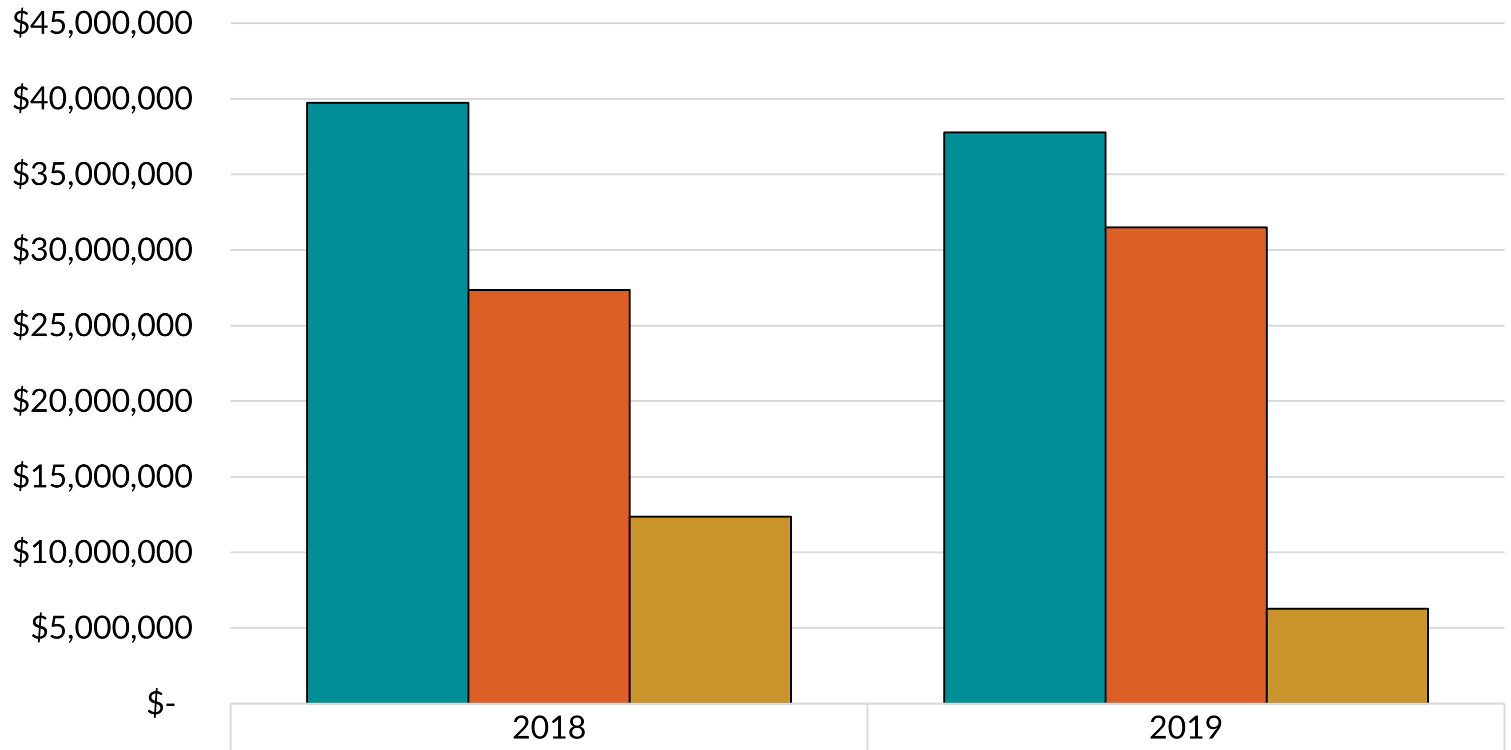
	2017	2018	2019
Unassigned	$18,280	$21,153	$25,023
Assigned	$12,109	$7,184	$6,586
Committed	$6,083	$6,600	$6,712
Restricted	$350	$374	$396
Non-Spendable	$1,056	$893	$904

Huron Clinton Metroparks
Pension Plan
Plan Year Ended December 31



	2017	2018	2019
Total Pension Liability	$78,844,190	$80,962,998	$82,371,685
Plan Net Position	$59,897,338	$55,796,909	$63,460,226
Net Pension Liability	$18,946,852	$25,166,089	$18,911,459

Huron Clinton Metroparks Retiree Healthcare Plan Year Ended June 30



	2018	2019
Total OPEB Liability	$39,742,748	$37,781,845
Plan Net Position	$27,368,175	$31,499,012
Net OPEB Liability	$12,374,573	$6,282,833

THANK YOU

For more information contact:

David Helisek, Partner
(734) 302-6901
David.Helisek@plantemoran.com

Austin DeLaCruz, Manager
(734) 302-6963
Austin.DeLaCruz@plantemoran.com

To: Board of Commissioners
From: Rebecca Franchock, Chief of Finance
Subject: Receive – June General Fund Financial Statement Review
Date: July 5, 2020

Action Requested: **Motion to Receive and File**

That the Board of Commissioners receive and file the June General Fund Financial Statement Review as recommended by Chief of Finance Rebecca Franchock and staff.

Introduction: As we continue to ride the 2020 financial rollercoaster, June continues the strong revenue generation from May with a positive variance of $257,000 and June administrative and operating expenditures produce a positive variance of nearly $1 million. This month I will continue the format developed in April to review the financials including a more bulleted, graphical approach followed by a narrative recap and a brief balance sheet review.

Revenue: COVID-19 continues to primarily impact park operating revenue, for now. While it is not out of the question that downward pressure on property values may eventually occur, this would not impact the Metroparks tax revenue until 2022 at the earliest. At this time, staff expects 2021 property tax revenue to grow by more than $1 million. For this reason, our analysis and review continue to primarily focus on operating revenue and administrative and park operating expenditures.

The following factors were used in developing the chart data:

- Annual Revenue and Expense budgets were converted to monthly targets.
    - 2019 actual revenue was summarized by activities such as tolling, golf, aquatics, etc. the actual monthly amounts by activity were divided into the whole to develop a monthly percentage.
    - These percentages were applied to the 2020 budgeted revenue and expense figures which were also summarized by activity to create the monthly targets.

- June revenue of $4.1 million exceeded both the monthly estimate of $2.8 million and the monthly budget target of $3.8 million.

- COVID-19 – restrictions and social distancing initially eliminated most park operating revenue with the notable exception of tolling. Currently, as of the end of June nearly all facilities are open with the exception of park offices and some interpretive buildings.

- Parks have remained open and initially tolling took place four of seven days weekly allowing our main operating revenue stream to continue and providing our public with a safe place to get outside. Returning to seven day-a-week tolling occurred in mid-May. Park attendance has been closely monitored and periodic temporary closures for some facilities and even entire parks has been implemented to keep parks at the goal of less than 60 percent capacity.

- Golf course openings were delayed and limited to walking only initially, carts were added in mid-May but limited to single use. June saw a return to two persons per cart and opening clubhouses (with social distancing) and the implementation of a hybrid use of on-line reservations and reservations taken at the club house. Increased spacing of reservations continues to provide additional social distancing.

- Three spray facilities and two pool facilities are currently opened and projected to stay open with the current limit to attendance. Due to a number of factors it is less likely that the wave pool at Lake Erie and the water park at Lower Huron will be able to open this summer and no revenue has been projected.

- Interpretive facilities and programing is being restructured to accommodate safe practices and reduced group size in accordance with anticipated standards. No program revenue is anticipated at this time.

- Current executive orders are anticipated to stay in place through the end of September in the projected numbers.

Operating Revenue Budget Target by Month

	January - March	April	May	June	July	August	September	Total January - September
Park Operating Revenue								
Tolling revenue	1,328,000	991,000	1,283,000	1,896,000	1,723,000	1,202,000	559,000	8,982,000
Non-tolling park revenue	633,000	652,000	1,065,000	1,926,000	2,441,000	2,102,000	969,000	9,788,000
Total Park Operating Revenue	1,961,000	1,643,000	2,348,000	3,822,000	4,164,000	3,304,000	1,528,000	18,770,000

Operating Revenue Actual/ Estimate by Month

	January - March Actual	*April Actual*	*May Actual*	*June Actual*	July Estimate	August Estimate	September Estimate	Total January - September
Park Operating Revenue								
Tolling revenue	1,586,622	837,317	1,969,379	2,392,453	1,600,000	1,100,000	550,000	10,035,771
Golf		1,000	609,735	1,197,030	1,000,000	1,100,000	735,000	4,642,765
Aquatic			-	-	93,000	55,800	-	148,800
Dockage/Boat Storage	89,234	14,943	48,707	66,072	60,000	35,000	25,000	338,956
Rentals/Refunds	257,898	(19,975)	(21,317)	69,105	60,000	25,000	25,000	395,711
Interpretive	64,979			10,659	10,000	10,000	10,000	105,638
Boat Rental					150,000	140,000	40,000	
Other park revenue**	289,685	18,628	346,678	343,270	50,000	40,000	20,000	1,108,261
Total Park Operating Revenue	2,288,418	851,913	2,953,182	4,078,589	3,023,000	2,505,800	1,405,000	17,105,902
Variance	327,418	(791,087)	605,182	256,589	(1,141,000)	(798,200)	(123,000)	(1,664,098)

* Rentals/Refunds includes Family and Group Camping, Activity Center Rental, Mobile Stage and Shelter Reservations

**Other includes Beach, Excursion Boat, Cross Country Skiing, Disc/Adventure Golf, Trackless Train, and Administrative

- Q1 Revenue exceeded target by $327,000

- Q2 Revenue exceeded target by $71,000

    - April Revenue fell short of target by $791,000

    - May revenue exceeded monthly target by $605,000.

    - June revenue exceeded monthly target by $257,000

- Year to date revenue surplus – $398,000

- Currently, there is an estimated operating revenue deficit of $1.7 million by September month end. Down from April's estimated deficit of $4.7 million. Current trends project expenditure reductions to more than offset this deficit.

- Tolling revenue is the only significant revenue activity center that is ahead of last year's June 30th revenue total. However, it is so far ahead ($1.7 million ahead) that it swings the variance for operating revenue in total into positive territory.

    - Tolling up $1.7 million
    - All other operating revenue sources together are down $1.2 million

- 2020 revenue increases are being driven both by an increase in annual permit sales prices (up $5 per permit) as well as increased volume. The volume is accounting for approximately two-thirds of the revenue increase.

- Annual permit sales are up 12.8 percent. We typically experience our highest permit sales in June and July. There is some question as to whether this volume increase is a timing shift, or an actual increase. Time will tell however our data also shows us that daily permit volume is up 35.5 percent year to date which would help support that this is more of an actual increase and less a shift in timing. If this is the case July tolling could potentially also exceed $2 million further reducing the expected operating revenue deficit.

- 7,790 daily permits have been turned in toward the purchase of an annual permit so far this year. This trade-up program, which was implemented in conjunction with the 2020 annual permit fee increase, is scheduled to end July 31.

- Total refunds year to date are $126,000. Activity center revenue is still negative for the month of June as refunds outpaced reservations.

- On a positive note, shelter rental reservations moved from a net negative refund total for May of $12,000 to net positive sales for June of $80,000.

Expenditures: With limited ability to generate additional revenue, some expense reductions are being implemented to bring revenues and expenditures into balance. As revenue begins to stabilize with exceptionally strong tolling revenue, expenditure reductions are related to organic savings resulting from closed or limited facilities.

- Delays opening facilities, hiring freeze/delays, and other staff initiatives have resulted in significant expenditure reductions which year-to-date total $3.9 million.

- Temporary layoffs of 13 full-time and 52 part-time staff have taken place for varying lengths of time between May 9 and June 8. Savings from these costs are reflected in May and June expense totals. Offsetting this 2020 expense reduction will be an increase in 2021 unemployment costs.

- For the month of June savings occurred in the following activities:
    - Aquatics – down $322,000
    - Interpretive – down $103,000
    - General park – down $217,000
    - Engineering – down $232,000

- Offsetting the savings were the following increased activities:
    - Tolling – up $31,000
    - Marketing – up $112,000

- Park operations expense totals are 7.9 percent below the prior year June 30 totals

- Administrative office expense totals are 4.7 percent below the prior year June 30 totals

- Future savings are not included in monthly estimates.

Administrative and Park Operating Expense Budget Target by Month								
	January - March	April	May	June	July	August	September	Total January - September
Expenditures								
Administrative	2,116,000	1,006,000	1,008,000	766,000	897,000	758,000	752,000	7,303,000
Park Operating	6,043,000	2,733,000	3,695,000	3,633,000	3,814,000	3,621,000	3,309,000	26,848,000
Major Maintenance								
Total Park Operating Expense	8,159,000	3,739,000	4,703,000	4,399,000	4,711,000	4,379,000	4,061,000	34,151,000

Administrative and Park Operating Expense Actual/ Estimate by Month								
	January - March Actual	*April Actual*	*May Actual*	*June Actual*	July Estimate	August Estimate	September Estimate	Total January - September
Expense								
Administrative	1,917,602	666,663	926,976	647,699	897,000	758,000	752,000	6,565,940
Lay off / Workshare								-
Other planned savings								
Park Operating	5,535,918	2,098,249	3,626,965	2,794,073	3,814,000	3,621,000	3,309,000	24,799,205
Lay off / Workshare								-
Other planned savings								
Major Maintenance Project Reduction			(1,130,000)					
Total Expense	7,453,520	2,764,912	3,423,941	3,441,772	4,711,000	4,379,000	4,061,000	30,235,145
Variance	(705,480)	(974,088)	(1,279,059)	(957,228)	-	-	-	(3,915,855)

- Q1 expenditure results were $705,000 below target.
- Q2 expenditure results are $3.2 below target.
    - April – below target $974,000
    - May – below target $1,279,000 ($1.13 of this was a reduction in major maintenance projects)
    - June – below target $957,000
- Year-to-date expenditures are $3.9 million below year-to-date budget target. More than offsetting the current operating revenue shortfall of $1.7 million.
- No future variances have been included.
    - Additional savings from closed aquatic facilities are likely.
    - Additional expenditures related to implementation of COVID-19 procedures are also likely.

Combined Revenue and Expense Variances

Combined Revenue and Expense	*January - March Actual*	*April Actual*	*May Actual*	*June Actual*	July Estimate	August Estimate	September Estimate	Total January - September
Monthly Variance - Revenue and Expense	1,032,898	183,001	1,884,241	1,213,817	(1,141,000)	(798,200)	(123,000)	2,251,757
Cumulative Variance - Revenue and Expense	1,032,898	1,215,899	3,100,140	4,313,957	3,172,957	2,374,757	2,251,757	

Combining the estimated variance to budget for revenue and expense results in a potential for a positive variance as of September month end of $2.3 million. Nearly half of this ($1.13 million) is the result of reductions in major maintenance projects.

- Administrative and park operations cost reductions identified, not yet realized may further improve the variance.

- Further changes to significant operating revenue activities such as golf and aquatics could push the number in either direction.

- Mandated park closures beyond the self-directed intermittent closures for crowd control would have a negative impact which could be significant.

- Weather is always a significant factor in park operations which tends to even out in the long run but can be significant in the near term.

Summary: The Metroparks are in a much stronger position financially than we were at the end of April. Tolling was up more than $1 million year-to-date at the end of May. At the end of June this variance has grown to nearly $1.7 million. This has more than offset all other revenue shortfalls thus far. Although we continue to monitor closely, the dramatic increases in visitation and use of the parks continues to demonstrate how important these parks are to the public during these times.

Many of the unknowns at the end of May are still unknown. As more of the economy opens up – will visitation continue, or will the public seek other diversions or have less time for recreation? As facilities such as aquatic and interpretive centers open will the pent-up demand drive attendance as it has with golf? So far, the aquatic facilities have seen interest in attendance in line with the allowed capacity. These numbers are of course, significantly below normal attendance or capacity.

Projections for July park operating revenue reflect golf essentially hitting target. Aquatics is projected at the reduced capacity as well as reduced facilities, as we do not currently have an opening date for Lake Erie's Great Wave or Lower Huron's Turtle Cove. Although, the interpretive farm facilities have reopened, other interpretive buildings remain closed, no revenue has been included for interpretive programming at this time. Boat rental revenue has been added to the project for July, August and September at a level near budget. These projections result in a $1 million-dollar reduction from actual June revenue. Should tolling and golf remain as strong as they have been in June, we will could potentially eliminate the expected negative variance for July.

Operating expenses have been reduced by the delay opening of facilities. In addition, staff continues to identify additional opportunities for savings. Offsetting this, somewhat will be increased costs related to COVID-19 operating procedures at some facilities.

Balance Sheet: The June balance sheet reflects cash assets on hand of $4.8 million. Investments, consisting primarily of CD's, U.S. Treasury/Agency funds and municipal pooled funds totals $51.3 million. The average rate of return on investments continues to decline and is near 1.3 percent and will likely keep trending lower reflective of the decline in rates which began in. The Net Taxes Receivable is $3.9 million, this is $2.9 million higher than the 2019 receivable at this point in the year. Primarily the change is the result of a slow-down in receipts from Wayne County. Receipts continue to come through but are lagging. Staff continues to monitor the position, but communications are difficult due to COVID-19.

The category Other Assets has declined by $449,000. Funds are transferred from the Capital Project Fund at the beginning of each month for the payments that have been processed from the General Fund. At the end of June, the amount due to the General Fund from the Capital Project Fund is $403,000. Liabilities and Fund Equity Categories reflect the balances approved at year end of 2019.

Process Overview: Several factors are important to consider in looking at this data. We are in unprecedented territory on many fronts. One of these is the methodology used to develop the monthly budget targets.

- I used 2019 actual monthly expense and revenue summarized by activity level. These numbers were then used to develop percentages earned/spent by activity/by month. These percentages were then applied to the annual budget for revenue and expense also summarized by activity level.

- These amounts were summarized across all parks and there was no further breakdown by category or account in hopes that this might smooth out minor timing shifts between months as well as variances between accounts.

- I only used one year so there is potential that a significant and infrequent expense or revenue has skewed the percentage allocations.

- I only looked at park revenue, park operations and administrative office operations. The other general fund revenues and expenditures are either not impacted by COVID-19 at this point in time (tax revenue) or are larger expenditures/lower volume transactions (capital equipment and major maintenance projects) which would produce greater swings and less validity to the percentage allocations.

- Although, capital equipment and major maintenance expenditures, which have not been committed to are being reviewed prior to proceeding, neither of these directly impact monthly operations. In addition, more than $1 million major maintenance deferrals have been identified as noted above. Most of capital equipment purchases were committed to prior to the beginning of our recognition of the pandemic.

HURON-CLINTON METROPARKS

To: Board of Commissioners
From: Rebecca Franchock, Chief of Finance
Subject: Report – Monthly Capital Project Fund
Date**:** July 5, 2020

Action Requested: **Motion to Receive and File**

That the Board of Commissioners' receive and file the Capital Project Fund report as submitted by Rebecca Franchock and staff.

Background: In 2018, the Board of Commissioners approved the creation of a capital project fund. To improve the information provided on specific capital improvement projects Finance is working on developing a monthly performance report.

The following columns of data are provided by project:

- Life-To-Date Total Project Budget
- Year-To-Date Total Project Expenditures
- Life-To-Date Total Project Expenditures
- Current Project Encumbrances (Funds committed through the purchase order process)
- Balance (Life-To-Date Budget less Life-To-Date Expenditures and Current Encumbrances)

Project updates include:

- Capital project work is once again underway with the return of all engineering and planning staff.
- $313,000 was spent on 20 different capital projects during the month of June.
- Work on and payments for three Hike-Bike trail projects totaling over $1 million are substantially completed. (Kensington, Lower Huron and Willow Metroparks).
- Kensington Maple Beach and Stony Creek Baypoint Beach Site Improvement projects have also each had over $150,000 expended on them so far this year.

Attachment: **June 2020 Capital Project Fund Update**

Capital Project Fund
Period Ending June 30, 2020

Project Code	Project Description	GL Account Number	Location	Category	Life to Date Budget	Year to Date Transactions	Life to Date Transactions	Life to Date Encumbrance	Balance	Project Status
50217.679	Nature Center Improvements-DNR Passport Grant Funded	80-5-102-880-88	Lake St Clair	Building	70,512.74	27,944.41	42,139.34	15,000.00	13,373.40	
50217.683	Pump Station No. 1 Replacement-SAW Grant	80-5-102-990-88	Lake St Clair	Other Improvements	431,887.02	(19,759.03)	353,716.12	45,087.90	33,083.00	
50219.688	Black Creek Marsh Wetland Filtration Enhancement	80-5-102-990-88	Lake St Clair	Other Improvements	253,000.00	0.00	0.00	0.00	253,000.00	
50220.692	Accessible Kayak Launch & Power Installation	80-5-102-990-88	Lake St Clair	Other Improvements	50,000.00	0.00	0.00	0.00	50,000.00	
50220.693	Backup Internet Fiber Installation	80-5-102-990-89	Lake St Clair	Infrastructure	40,000.00	0.00	0.00	0.00	40,000.00	
50220.694	Electrical Grid Replacement - Design in 2020	80-5-102-990-89	Lake St Clair	Infrastructure	1,000,000.00	0.00	0.00	0.00	1,000,000.00	
50417.1107	Maple Beach Site Improvements	80-5-104-538-88	Kensington	Other Improvements	949,222.60	196,639.53	308,034.08	638,215.42	2,973.10	
50418.1113	Nature Center Exhibits	80-5-104-880-88	Kensington	Other Improvements	30,897.88	0.00	30,897.88	0.00	-	Complete
50420.1118	Maple Beach - Universal Accessible Playground	80-5-104-538-89	Kensington	Infrastructure	526,441.61	1,441.61	1,441.61	216,564.00	308,436.00	
50420.1119	Hike-Bike Trail Reconstruction	80-5-104-990-89	Kensington	Infrastructure	441,974.00	13,867.91	13,867.91	428,422.00	(315.91)	
50420.1120	West Boat Launch - Accessible Kayak Launch	80-5-104-990.88	Kensington	Other Improvements	308,000.00	0.00	0.00	0.00	308,000.00	
50519.126	Iron Belle Trailhead	80-5-108-990-82	Dexter-Delhi	Land Improvements	90,578.13	3,180.55	7,525.13	39,428.00	43,625.00	
50520.127	Delhi Relocating Border to Border Trail	80-5-108-990-89	Dexter-Delhi	Infrastructure	100,000.00	0.00	0.00	0.00	100,000.00	
50520.128	Relocating Concessionaire Canoe Livery Building	80-5-108-990-84	Dexter-Delhi	Building	76,272.24	3,761.74	3,761.74	0.00	72,510.50	
50619.491	North Fishing Site Redevelopment	80-5-106-990-88	Lower huron	Other Improvements	309,178.06	9,084.32	20,378.06	0.00	288,800.00	
50620.492	Bemis Road Entrance Fiber Connectivity	80-5-106-990-89	Lower huron	Infrastructure	0.00	0.00	0.00	0.00	-	
50620.493	Backup Internet Fiber Installation	80-5-106-990-89	Lower huron	Infrastructure	59,194.12	0.00	0.00	0.00	59,194.12	
50620.494	Hike-Bike Trail Reconstruction	80-5-106-990-89	Lower huron	Infrastructure	323,229.14	212,978.69	212,978.69	110,764.90	(514.45)	
50820.216	Hike-Bike Trail Reconstruction	80-5-108-990-89	Hudson Mills	Infrastructure	271,615.94	6,568.86	6,568.86	265,112.50	(65.42)	
50820.217	Backup Internet Fiber Installation	80-5-108-990-89	Hudson Mills	Infrastructure	40,000.00	0.00	0.00	0.00	40,000.00	
50820.218	Rapids View area Development	80-5-108-990-89	Hudson Mills	Infrastructure	453,800.00	0.00	0.00	0.00	453,800.00	
50820.219	Toll Booth Removal and Replacement	80-5-108-590-84	Hudson Mills	Building	80,000.00	0.00	0.00	12,346.00	67,654.00	
50917.542	Baypoint Beach Site Improvements	80-5-109-538-88	Stony Creek	Other Improvements	1,208,550.81	154,703.22	256,605.05	949,795.76	2,150.00	
50918.548	Shelden Trails Redevelopment	80-5-109-990-89	Stony Creek	Infrastructure	272,680.66	265.08	49,199.66	223,481.00	-	
50920.553	Boat Launch Parking Lot Reconstruction	80-5-109-540-88	Stony Creek	Other Improvements	1,250,983.16	45,828.98	57,662.66	1,083,345.35	109,975.15	
50920.554	Boat Launch Building Redevelopment	80-5-109-540-84	Stony Creek	Building	1,572,981.74	31,592.64	35,729.24	51,976.50	1,485,276.00	
50920.555	Development of Off Leash Dog Area	80-5-109-990-82	Stony Creek	Land Improvements	138,500.00	0.00	0.00	0.00	138,500.00	
50920.556	Backup Internet Fiber Installation	80-5-109-990-89	Stony Creek	Infrastructure	80,000.00	0.00	0.00	0.00	80,000.00	
50920.557	Shore Fishing Replace Vault Latrine	80-5-109-990-84	Stony Creek	Building	61,656.77	1,656.77	1,656.77	0.00	60,000.00	
50920.558	26 Mile Rd. Connector - Bike Path	80-5-109-990-89	Stony Creek	Infrastructure	66.27	66.27	66.27	0.00	-	
51017.311	Park Office Replacement	80-5-106-990-84	Willow	Building	2,156,171.93	38,489.08	138,599.43	1,362.50	2,016,210.00	
51017.313	Service Yard Stormwater Improvements-SAW Grant	80-5-106-990-89	Willow	Infrastructure	124,964.73	5,671.82	92,038.44	0.00	32,926.29	Complete
51019.314	Golf Course Culvert Replacement	80-5-106-650-89	Willow	Infrastructure	303,140.10	37,549.03	44,293.98	33,846.12	225,000.00	
51020.315	Main Park Road Culvert Replacements near Acorn Knoll	80-5-106-990-89	Willow	Infrastructure	40,000.00	0.00	0.00	0.00	40,000.00	
51020.316	Administrative Office and Existing Maintenance Building - Gas Service Line	80-5-106-990-89	Willow	Infrastructure	200,331.35	331.35	331.35	0.00	200,000.00	
51020.317	Backup Internet Fiber Installation	80-5-106-990-89	Willow	Infrastructure	80,000.00	0.00	0.00	0.00	80,000.00	
51118.110	Nature Center Exhibit Design	80-5-106-880-88	Oakwoods	Other Improvements	603,900.00	351,009.02	508,526.02	115,239.23	(19,865.25)	
51119.111	Flat Rock Dam Boom Installation	80-5-106-990-88	Oakwoods	Other Improvements	30,830.83	14,849.90	18,036.83	0.00	12,794.00	
51120.113	Backup Internet Fiber Installation	80-5-106-990-89	Oakwoods	Infrastructure	40,000.00	0.00	0.00	0.00	40,000.00	
51120.114	Accessible Nature Trail Development	80-5-106-880-89	Oakwoods	Infrastructure	248,000.00	0.00	0.00	0.00	248,000.00	
51218.239	Shoreline and Fish Habitat Restoration	80-5-112-990-88	Lake Erie	Other Improvements	1,614,850.76	42,164.23	76,509.17	113,062.41	1,425,279.18	
51220.240	Boat Launch Fish Cleaning Station	80-5-112-990-88	Lake Erie	Other Improvements	45,000.00	0.00	0.00	0.00	45,000.00	
51220.241	Accessible Kayak Launch with Area Development	80-5-112-990-88	Lake Erie	Other Improvements	245,000.00	0.00	0.00	0.00	245,000.00	
51319.139	Mill Building Stabilization and Repairs	80-5-113-880-84	Wolcott	Building	101,538.20	1,538.20	18,810.20	5,668.00	77,060.00	
51319.140	Generator Hookup at Farm	80-5-113-881-89	Wolcott	Infrastructure	50,000.00	0.00	0.00	0.00	50,000.00	
51320.142	Phase Two - Animal Pen Fencing Replacement	80-5-113-881-88	Wolcott	Other Improvements	30,000.00	0.00	0.00	0.00	30,000.00	
51320.144	Farm to Mill Trail Connector	80-5-113-881-89	Wolcott	Infrastructure	1,000,957.51	957.51	957.51	0.00	1,000,000.00	
51520.159	Backup Internet Fiber Installation	80-5-115-990-89	Indian Springs	Infrastructure	36,494.76	0.00	0.00	0.00	36,494.76	
51620.093	Backup Internet Fiber Installation	80-5-116-990-89	Huron Meadows	Infrastructure	80,000.00	0.00	0.00	0.00	80,000.00	
Grants	50217.679R - Nature Center Building Improvement		Lake St Clair		(45,000.00)	0.00	0.00	0.00	(45,000.00)	
Grants	50219.688R - Black Creek Marsh Wetland Filtration Grant		Lake St Clair		(160,000.00)	0.00	0.00	0.00	(160,000.00)	
Grants	50420.1120R - Accessible Kayak Launch Grant		Kensington		(154,000.00)	0.00	0.00	0.00	(154,000.00)	
Grants	50520.128R - Relocate Conecssionaire Building		Delhi		(5,000.00)	0.00	0.00	0.00	(5,000.00)	
Grants	50519.126R - Iron Belle Trailhead		Dexter-Huron		(38,742.00)	0.00	0.00	0.00	(38,742.00)	
Grants	50619.491R - North Fishing Site Accessibility Grant		Lower Huron		(144,400.00)	0.00	0.00	0.00	(144,400.00)	
Grants	50820.218R - Rapids View Area Development Grant		Hudson Mills		(226,900.00)	0.00	0.00	0.00	(226,900.00)	
Donations	50918.548R - Shelden Trail		Stony Creek		(50,000.00)	0.00	0.00	0.00	(50,000.00)	
Grants	50920.555R - Off Leash Dog Area Grant		Stony Creek		(50,000.00)	0.00	0.00	0.00	(50,000.00)	
Grants	51017.313R - Service Yard Stomrwater Improvements-SAW		Willow		(55,759.94)	0.00	0.00	0.00	(55,759.94)	
Grants	51120.114R - Acessible Nature Trail Development Grant		Oakwoods		(124,000.00)	0.00	0.00	0.00	(124,000.00)	
Grants	51218.239R - Coastal Marsh Habitat & Trail Development		Lake Erie		(1,478,039.38)	0.00	0.00	0.00	(1,478,039.38)	
Grants	51220.241R - Kayak Launch Area Development Grant		Lake Erie		(122,500.00)	0.00	0.00	0.00	(122,500.00)	
					$ 14,867,836.74	$ 1,179,814.71	$ 2,300,332.00	$ 4,348,717.59	$ 8,219,012.15	

To: Board of Commissioners
From: Rebecca L. Franchock, Chief of Finance
Subject: Approval – 2019 Pension Plan Actuarial Valuation and 2020 Contribution
Date: June 1, 2020

Action Requested: Motion to Receive and File / Approve Contribution

That the Board of Commissioners (1) receive and file the Annual Actuarial Valuation and GASB Statement No. 67 and No. 68 Report; and (2) approve the 2020 Pension contribution at the annual required contribution amount of $2,645,500.

Fiscal Impact: The 2019 General Fund Budget includes $3,100,000 for funding of the defined contribution Huron-Clinton Metropolitan Authority Employees' Retirement Plan. A contribution of $2,645,500 will result in savings of $454,500.

Background: The Pension Committee approved making this recommendation at their June meeting.

The actuarial valuation of the Authority's Pension Plan as of Dec. 31, 2019 was performed by Gabriel, Roeder, Smith & Company (GRS). In order to remain in compliance with Governmental Accounting Standards Board Statement (GASB) No. 67 and No. 68 additional work was completed. The reporting related to these statements is included in Appendix I.

The actuarial valuation process calculates the required contribution to adequately fund the Authority's pension costs for the 128 active participants for the 2019 Pension Plan Year. Based on an update of employee census data for 2019 wage/service levels, plan benefits and asset values, GRS is recommending a $2,645,500 contribution. This represents a decrease of $62,263 (2.3 percent) from the recommended contribution for the 12-month period ending Dec. 31, 2018 of $2,707,763. With this contribution the Funded Ratio will increase to 75.8 percent, a 1.6 percent increase.

During development of the 2020 general fund budget, staff anticipated that the annual required contribution would be $3.1 million. Considering current financial conditions, staff is recommending that the contribution be made resulting in budgetary savings of $454,500.

In addition, active participants in the plan contribute 1 percent of covered wages to the pension plan. This amounts to approximately $90,000 annually. Historically the Metroparks have not counted this amount as part of the annual required contribution and have instead treated it as additional funding.

Attachments: Employees' Retirement Plan Annual Actuarial Valuation GASB 67/68

Huron-Clinton Metropolitan Authority Employees' Retirement Plan

Annual Actuarial Valuation and GASB Statements No. 67 and No. 68 Plan Reporting and Accounting Schedules December 31, 2019

GRS

800.521.0498 | P: 248.799.9000 | www.grsconsulting.com

March 25, 2020

Huron-Clinton Metropolitan Authority
Employees' Retirement Plan
Brighton, Michigan

Re: Huron-Clinton Metropolitan Authority Employees' Retirement Plan Actuarial Valuation as of December 31, 2019

Ladies and Gentlemen:

The results of the December 31, 2019 Annual Actuarial Valuation of the Huron-Clinton Metropolitan Authority Employees' Retirement Plan are presented in this report.

This report was prepared at the request of the Authority and is intended for use by the Authority and those designated or approved by the Authority. This report may be provided to parties other than the Authority only in its entirety and only with the permission of the Authority. GRS is not responsible for unauthorized use of this report.

The purpose of the valuation is to measure the Plan's funding progress, to determine the employer contribution rate for the fiscal year ending December 31, 2020, and to provide actuarial information in connection with applicable Governmental Accounting Standards Board (GASB) Statements. This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different.

The contribution rate in this report is determined using the actuarial assumptions and methods disclosed in Table 6 of this report. This report includes risk metrics on page 4 but does not include a more robust assessment of the risks of future experience not meeting the actuarial assumptions. Additional assessment of risks was outside the scope of this assignment.

This valuation assumed the continuing ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our scope of expertise and was not performed.

The findings in this report are based on data and other information through December 31, 2019. The valuation was based upon information furnished by the Authority concerning Retirement Plan benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal reasonability and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by the Authority.

This report was prepared using assumptions adopted by the Board. All actuarial assumptions used in this report are reasonable for the purposes of this valuation. Additional information about the actuarial assumptions is included in Table 6 of this report.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge, the information contained in this report is accurate and fairly presents the actuarial position of the Huron-Clinton Metropolitan Authority Employees' Retirement Plan as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board.

James D. Anderson and Laura Frankowiak are experienced in performing valuations for public retirement systems, are Members of the American Academy of Actuaries (MAAA), and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

The signing actuaries are independent of the plan sponsor.

Gabriel, Roeder, Smith & Company will be pleased to review this valuation and report with the Retirement Board and to answer any questions pertaining to the valuation.

Respectfully submitted,

James D. Anderson

James D. Anderson, FSA, EA, FCA, MAAA

Laura Frankowiak

Laura Frankowiak, ASA, FCA, MAAA

JDA/LF:bd

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Table of Contents (Concluded)

A. Basic Data

Data necessary for the valuation was provided to us by the Authority for employees who are covered under the Plan as of December 31, 2019. Table 4 sets forth a distribution of the 124 active employees. In addition, there are 167 retirees and beneficiaries and 17 terminated vested employees included in this valuation. This compares with 128 active participants, 171 retirees and beneficiaries, and 17 terminated vested employees valued in the previous valuation of December 31, 2018.

B. Plan Provisions

This valuation is based on the provisions of the Plan as of December 31, 2019 which are summarized in Table 5.

Plan funding is provided through a combination of Authority contributions and income from invested assets. The December 31, 2019 actuarial value of assets is developed in Table 2. The actuarial value of assets is $62,420,987 as of the valuation date.

C. Valuation Results

The more detailed results of our valuation are presented in Table 1. In Section A of the table, we show the number of covered employees, total annual earnings, average annual pension for current retirees and beneficiaries, and actuarial accrued liability based on the Plan in effect on December 31, 2019.

Section B contains the calculation of the recommended contribution on a closed 30-year funding basis. This funding basis amortizes the effect of Plan improvements, gains and losses, and changes in assumptions over 30 years with 21.75 years remaining as of the valuation date. Gains and losses are not separately amortized. The recommended contribution based on the December 31, 2019 valuation is $2,645,500 , a decrease of $62,263 from the 2018 valuation result.

One way in which the Plan's experience impacts the cost is the effect on the unfunded accrued liability. This is referred to as the experience gain or loss for the year. There was a net loss to the plan of $179,178, as shown in Table 3. The primary source of the loss was due to asset losses being phased in from 2015, 2016, and 2018. Partially offsetting the loss were gains from the removal of more retirees than expected and lower than expected pay increases for continuing active members.

For the plan year ending December 31, 2019, the return on the market value of assets was 15.65%. Asset gains or losses are not recognized immediately in the funding value of assets, but rather are spread equally over a 5-year period.

At the time of report publication there is significant asset market uncertainty and turmoil. Once the markets settle, GRS stands ready to help study alternatives of interest to the Board.

C. Valuation Results (Concluded)

Table 7 has been prepared to show a comparison of the December 31, 2019 valuation results with the results from the prior valuation. The recommended contribution developed in the December 31, 2018 valuation for the Fiscal Year ending December 31, 2019 was $2,707,763. The recommended contribution for the Fiscal Year ending December 31, 2020 equals $2,645,500. The funded status has increased from 74.19% last year to 75.78%.

The Pension Committee of the Huron-Clinton Metropolitan Authority Employees' Retirement Plan confirms that the Plan provides for payment of the required employer contribution as described in Section 20m of Michigan Public Act No. 728.

We also note that GASB Statement Nos. 67 and 68 are effective for the fiscal years beginning after June 15, 2013, and June 15, 2014. This information is shown in the Appendix of this report.

D. Actuarial Disclosure

The computed contribution shown on page 5 may be considered as a minimum contribution rate that complies with the Authority's funding objective. Users of this report should be aware that contributions made at the rate do not guarantee benefit security. Given the importance of benefit security to any retirement system, we suggest that contributions to the System in excess of those presented in this report be considered.

Risk Commentary

Determination of the accrued liability, the employer contribution, and the funded ratio requires the use of assumptions regarding future economic and demographic experience. Risk measures, as illustrated in this report, are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in the accrued liability, the actuarially determined contribution and the funded ratio that result from the differences between actual experience and the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of an actuarial valuation does not include an analysis of the potential range of such future measurements.

Examples of risk that may reasonably be anticipated to significantly affect the plan's future financial condition include:

- **Investment Risk** – actual investment returns may differ from the expected returns;
- **Asset/Liability Mismatch** – changes in asset values may not match changes in liabilities, thereby altering the gap between the accrued liability and assets and consequently altering the funded status and contribution requirements;
- **Contribution Risk** – actual contributions may differ from expected future contributions. For example, actual contributions may not be made in accordance with the plan's funding policy or material changes may occur in the anticipated number of covered employees, covered payroll, or other relevant contribution base;
- **Salary and Payroll Risk** – actual salaries and total payroll may differ from expected, resulting in actual future accrued liability and contributions differing from expected;
- **Longevity Risk** – members may live longer or shorter than expected and receive pensions for a period of time other than assumed; and
- **Other Demographic Risks –** members may terminate, retire or become disabled at times or with benefits other than assumed resulting in actual future accrued liability and contributions differing from expected.

  The effects of certain trends in experience can generally be anticipated. For example, if the investment return since the most recent actuarial valuation is less (or more) than the assumed rate, the cost of the plan can be expected to increase (or decrease). Likewise, if longevity is improving (or worsening), increases (or decreases) in cost can be anticipated.

Risk Commentary (Concluded)

PLAN MATURITY MEASURES

Risks facing a pension plan evolve over time. A young plan with virtually no investments and paying few benefits may experience little investment risk. An older plan with a large number of members in pay status and a significant trust may be much more exposed to investment risk. Generally accepted plan maturity measures include the following:

	2019	2018	2017
Ratio of the market value of assets to total payroll	7.07	6.19	6.47
Ratio of actuarial accrued liability to payroll	9.17	8.98	8.51
Ratio of actives to retirees and beneficiaries	0.74	0.75	0.82
Ratio of net cash flow to market value of assets	-1.6%	-2.4%	-1.9%

RATIO OF MARKET VALUE OF ASSETS TO TOTAL PAYROLL

The relationship between assets and payroll is a useful indicator of the potential volatility of contributions. For example, if the market value of assets is 6.0 times the payroll, a return on assets 5% different than assumed would equal 30% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in plan sponsor contributions as a percentage of payroll.

RATIO OF ACTUARIAL ACCRUED LIABILITY TO PAYROLL

The relationship between actuarial accrued liability and payroll is a useful indicator of the potential volatility of contributions for a fully funded plan. A funding policy that targets a funded ratio of 100% is expected to result in the ratio of assets to payroll and the ratio of liability to payroll converging over time.

RATIO OF ACTIVES TO RETIREES AND BENEFICIARIES

A young plan with many active members and few retirees will have a high ratio of active to retirees. A mature open plan may have close to the same number of actives to retirees resulting in a ratio near 1.0. A super-mature or closed plan may have significantly more retirees than actives resulting in a ratio below 1.0.

RATIO OF NET CASH FLOW TO MARKET VALUE OF ASSETS

A positive net cash flow means contributions exceed benefits and expenses. A negative cash flow means existing funds are being used to make payments. A certain amount of negative net cash flow is generally expected to occur when benefits are prefunded through a qualified trust. Large negative net cash flows as a percent of assets may indicate a super-mature plan or a need for additional contributions.

ADDITIONAL RISK ASSESSMENT

Additional risk assessment is outside the scope of the annual actuarial valuation. Additional assessment may include scenario tests, sensitivity tests, stochastic modeling, stress tests, and a comparison of the present value of accrued benefits at low-risk discount rates with the actuarial accrued liability.

Table 1
Summary of Results

A. Basic Data, Unfunded Actuarial Accrued Liability and Annual Normal Cost as of December 31, 2019

1. Active Participants	
(a) Number	124
(b) Total Annual Earnings	$ 8,981,404
(c) Average Annual Earnings	$ 72,431
2. Retired Participants	
(a) Number	167
(b) Average Annual Pension	$ 26,925
3. Actuarial Accrued Liability	
(a) Active Participants	$34,549,347
(b) Retirees	46,439,262
(c) Terminated with Vested Rights	1,383,076
(d) Total	82,371,685
4. Actuarial Value of Assets as of December 31, 2019*	$62,420,987
5. Unfunded Actuarial Accrued Liability on December 31, 2019	$19,950,698
6. Funded Ratio	75.8%

B. Determination of Recommended Contribution

1. Annual Normal Cost	$ 927,311
2. Amortization Payment (21.75 years)	$ 1,718,189
3. Recommended Contribution **	$ 2,645,500

* *See Table 2.*

** *Please note that this is the total recommended contribution and should be reduced by any expected member contributions to determine the amount of employer contribution.*

Table 2
Development of Actuarial Value of Assets

Year Ended December 31:	2018	2019	2020	2021	2022	2023
A. Funding Value Beginning of Year	$58,900,828	$60,062,658				
B. Market Value End of Year	55,796,909	63,460,226				
C. Market Value Beginning of Year	59,897,338	55,796,909				
D. Non-Investment Net Cash Flow	(1,329,619)	(993,284)				
E. Investment Income						
E1. Market Total: B - C - D	(2,770,810)	8,656,601				
E2. Assumed Rate of Investment Return	6.75%	6.75%				
E3. Amount for Immediate Recognition	3,930,931	4,020,706				
E4. Amount for Phased-in Recognition: E1 - E3	(6,701,741)	4,635,895				
F. Phased-In Recognition of Investment Income						
F1. Current Year: 0.20 x E4	(1,340,348)	927,179				
F2. First Prior Year	692,892	(1,340,348)	$ 927,179			
F3. Second Prior Year	(34,213)	692,892	(1,340,348)	$ 927,179		
F4. Third Prior Year	(914,605)	(34,213)	692,892	(1,340,348)	$ 927,179	
F5. Fourth Prior Year	156,792	(914,603)	(34,216)	692,892	(1,340,349)	$ 927,179
F6. Total Recognized Investment Gain	(1,439,482)	(669,093)	245,507	279,723	(413,170)	927,179
G. Funding Value End of Year: A + D + E3 + F6	60,062,658	62,420,987				
H. Difference Between Funding & Market Value	(4,265,749)	1,039,239	793,732	514,009	927,179	0
I. Recognized Funding Value Rate of Return	4.28%	5.63%				
J. Recognized Market Value Rate of Return	(4.68)%	15.65%				

Table 3
Derivation of Actuarial Gain (Loss)

Actual experience will usually not coincide exactly with assumed experience. It is expected that gains and losses will cancel each other over a period of years, but sizable year-to-year fluctuations are common. Detail on the derivation of the experience gain (loss) is shown below.

Year Ended December 31:	**2019**
(1) UAAL* at start of year (December 31, 2018)	$ 20,900,340
(2) Employer normal cost from last valuation	943,320
(3) Actual employer contributions	3,400,000
(4) Interest accrual	1,327,860
(5) Expected UAAL before changes: (1) + (2) - (3) + (4)	19,771,520
(6) Change from benefit improvements	0
(7) Change from revised actuarial assumptions/methods	0
(8) Expected UAAL after changes: (5) + (6) + (7)	19,771,520
(9) Actual UAAL at end of year (December 31, 2019)	19,950,698
(10) Gain (loss): (8) - (9)	(179,178)
(11) Gain (loss) as percent of actuarial accrued liabilities at start of year ($80,962,998)	(0.2)%

* *Unfunded actuarial accrued liability.*

Table 4
Distribution of Participants as of December 31, 2019

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
30-34			1					1	$ 60,923
35-39			3					3	234,310
40-44			7	6	1			14	1,029,300
45-49			4	7	9	1		21	1,588,330
50-54		1	3	4	9	7	1	25	1,758,633
55-59		1	3	5	5	8	11	33	2,297,355
60			1		1	3	1	6	377,137
61				2		1	1	4	274,645
62		1		1	2	1	3	8	648,323
63			1		2		3	6	450,834
64				1			1	2	177,477
65						1		1	84,137
Totals	**0**	**3**	**23**	**26**	**29**	**22**	**21**	**124**	**$8,981,404**

Average Age:	53.05
Average Age at Hire:	30.79
Approximate No. Fully Vested:	121
Percentage of Females in Total:	25%
Average Projected Retirement Age:	61.8

Table 4
Distribution of Participants as of December 31, 2019
(Concluded)

A. Retired Participants (and Beneficiaries)

Age Group	Males	Females	Total	Annual Pension Being Paid
Under 50	2	1	3	$ 60,411
55-59	5	5	10	205,494
60-64	20	13	33	1,065,042
65-69	32	11	43	1,217,357
70-74	30	13	43	1,104,142
75-79	14	4	18	511,739
80-84	5	4	9	219,778
85-89	4	1	5	94,605
Over 89	1	2	3	17,929
Total	**113**	**54**	**167**	**$4,496,497**

B. Terminated Vested Participants

Age Group	Males	Females	Total	Annual Pension Being Paid at Age 65
Under 50	3	0	3	$ 63,541
50-54	0	3	3	49,413
55-59	5	1	6	94,712
60-64	2	2	4	46,219
65-69	1	0	1	1,055
Total	**11**	**6**	**17**	**$254,940**

Table 5
Summary of Plan Provisions

1.	**Effective Date:**	October 1, 1952 (as amended and restated effective January 1, 1998, and as of October 1, 2013).
2.	**Eligibility for Participation:**	Full-time employees who have attained age 21 and completed one year of service become participants on the October 1 anniversary date following completion of these requirements. Seasonal Employees become participants on date of hire. The Plan was closed to new entrants effective January 1, 2013 and to Seasonal Employees effective January 1, 2014.
3.	**Normal Retirement:**	Age 65. Monthly normal retirement benefit equal to 2.0% of highest consecutive five-year average August 1 monthly earnings in last 10 years times service. Effective January 1, 1998, accrual changed from 1.9% to 2.0%. Benefits normally payable for life subject to the following: (a) Minimum of $279.41 per month, reduced by 1/25 for each year of service less than 25 at retirement. (b) Maximum of 71% of final five-year average monthly earnings. Effective January 1, 1998, maximum percentage changed from 67% to 71%.
4.	**Delayed Retirement:**	Employee may voluntarily delay Normal Retirement but not past age 70. Benefit is calculated the same as Normal Retirement.
5.	**Early Retirement:**	Age 55, 10 years of service. Accrued benefit reduced ½ of 1% for each month prior to Normal Retirement. If employee has 25 or more years of service at Early Retirement, Accrued Benefit reduced by ½ of 1% for each month by which retirement precedes age 60. Early retirement reductions are applied prior to the 71% maximum.
6.	**Disability Retirement:**	Accrued benefit (without actuarial reduction), but reduced by the amount of any benefits received through an insured LTD Plan.

Table 5
Summary of Plan Provisions
(Continued)

7. Death Benefit:

A death benefit equal to the 50% joint and survivor 10-year certain option has been added for employees with 25 years of credited service as of each October 1st. If the spouse dies before the expiration of the guaranteed period, such payment will be continued to a designated beneficiary who must be a legal dependent of the employee at the time of death. In the event there is not a spouse at time of death, a 50% benefit would be payable to a legal dependent for a period not to exceed 10 years or until the dependent reaches age 25, whichever comes first. Employees with 25 years of credited service as of October 1, 1994 had a one-time option of waiving this Pension Plan death benefit.

8. Joint and Survivor Option Increase:

For employees who elect the joint annuity option, if the spouse dies before the retired employee, the joint annuity retirement benefit will revert to the life only option.

9. Vesting:

Accrued Benefit payable at age 65 adjusted by the following vesting table:

Full Years of Continuous Service	Vested Interest in Accrued Benefit
Less than 1	None
1 but less than 2	10%
2 but less than 3	20
3 but less than 4	30
4 but less than 5	40
5 but less than 6	50
6 but less than 7	60
7 but less than 8	70
8 but less than 9	80
9 but less than 10	90
10 or more	100

10. Options:

Prior to retirement or termination, a participant may elect an optional method of payment that is the actuarial equivalent of the Normal Benefit.

Table 5
Summary of Plan Provisions
(Concluded)

11. Calculation of Lump Sums:

The lump sum option will be calculated based on the 1984 Unisex Pension Mortality Table and an interest rate of 8.0%. This provision was effective as contracts were approved by the bargaining units as follows:

(a) Park Superintendent/Department Head and Police Officers Association of Michigan Units – February 10, 1994

(b) Supervisory and Professional Units – March 10, 1994

(c) Non-Supervisory Unit – July 14, 1994

The calculation of seasonal employee lump sum benefits would also be calculated based on the Pension Plan's actuarial interest rate assumption.

12. Lump Sum Eligibility:

The lump sum option is not available for employees hired after January 1, 1994.

13. Significant Changes:

There are no significant changes in regular Plan provisions since the last valuation.

Table 6
Actuarial Assumptions, Methods and Data

1. **Mortality:**

Healthy Pre-Retirement: The RP-2014 Employee Generational Mortality Tables, with blue-collar adjustments and extended via cubic spline. This table is adjusted backwards to 2006 with the MP-2014 scale, resulting in a base year of 2006 with future mortality improvements assumed each year using scale MP-2015.

Healthy Post-Retirement: The RP-2014 Healthy Annuitant Generational Mortality Tables, with blue-collar adjustments and extended via cubic spline. This table is adjusted backwards to 2006 with the MP-2014 scale, resulting in a base year of 2006 with future mortality improvements assumed each year using scale MP-2015.

Disability Retirement: The RP-2014 Disabled Mortality Table, extended via cubic spline. This table is adjusted backwards to 2006 with the MP-2014 scale, resulting in a base year of 2006 with future mortality improvements assumed each year using scale MP-2015.

2. **Interest:**

6.75% compounded annually.

3. **Expenses:**

No loading; to be met directly.

4. **Withdrawal:**

The rates at the following illustrative ages indicate the withdrawal rates assumed:

	Rates of Withdrawal
Age	**Male or Female**
25	7.40%
35	3.40%
45	1.40%
55	0.20%
57	NIL

Table 6
Actuarial Assumptions, Methods and Data
(Continued)

5. Salary Scale:

Final average earnings were estimated from present earnings based on the assumption that future compensation will increase by a base wage inflation of 3.50% per year, and a merit and seniority portion as shown in the table below:

Service	% Increase
1	3.75 %
2	3.75 %
3	3.38 %
4	3.00 %
5	2.63 %
6	2.25 %
7	1.88 %
8	1.50 %
9	1.13 %
10	0.75 %
11	0.38 %
12+	0.19 %

6. Retirement Age:

The rates at the following illustrative ages indicate the retirement rates assumed:

	Rates of Retirement	
Age	Less than 25 Years of Service	25 or More Years of Service
55	1%	1%
56	1	5
57	1	10
58	1	10
59	5	20
60	12	20
61	12	20
62	12	30
63	20	40
64	25	50
65	30	60
66	60	50
67	100	100

Table 6
Actuarial Assumptions, Methods and Data
(Concluded)

7. Rates of Disability:

Disability Rates were as follows:

Sample Ages	% of Active Members Becoming Disabled within Next Year Male or Female
25	0.00%
30	0.12%
35	0.16%
40	0.24%
45	0.46%
50	1.04%
55	2.14%
60	6.70%

8. Funding Method:

Individual Entry Age Actuarial Cost Method. Benefits are funded on a level dollar.

9. Asset Method:

Smoothed asset value that spreads market value gains and losses over a 5-year period.

10. Data:

This actuarial valuation has been prepared based upon employee data compiled by the Employer. The actuary has no reason to believe that this data is not complete and accurate and knows of no further information that is essential to the preparation of the actuarial valuation, although no independent audit of the data has been performed by the actuary.

11. Amortization of the Unfunded Actuarial Accrued Liability:

The unfunded actuarial accrued liability was amortized over a 21.75-year period, declining to 20 years, as a level dollar.

12. Loads for Optional Forms of Payment:

1.0% for pop-up options of current retirees electing a J&S option.
17.0% for non-spouse beneficiaries of a non-duty death participant.

13. Assumption Rationale:

The actuarial assumptions were based upon the results of an experience study for HCMA covering the period October 1, 2010 through December 31, 2015. A report dated September 28, 2016 presented the results of this study. The actuarial assumptions represent estimates of future experience.

Table 7
Comparison of 2018 and 2019 Results

Item for Comparison	2018 Results	2019 Results
1. Active Participants		
(a) Number	128	124
(b) Total Annual Earnings	$ 9,013,973	$ 8,981,404
(c) Average Annual Earnings	70,422	72,431
2. Retired Participants		
(a) Number	171	167
(b) Average Annual Pension	$ 26,424	$ 26,925
3. Actuarial Accrued Liability		
(a) Active Participants	$32,767,380	$34,549,347
(b) Retirees	46,906,474	46,439,262
(c) Terminated with Vested Rights	1,289,144	1,383,076
(d) Total	$80,962,998	$82,371,685
4. Actuarial Value of Assets	$60,062,658	$62,420,987
5. Actuarial Value of Assets as a Percentage of the Actuarial Accrued Liablility	74.19%	75.78%
6. Unfunded Actuarial Accrued Liability*	$20,900,340	$19,950,698
7. Annual Normal Cost	$ 943,320	$ 927,311
8. Recommended Contribution on Funding Basis at the Beginning of the Plan Year	$ 2,707,763	$ 2,645,500

* *UAAL amortized over 21.75 years this year, and 22.75 years last year.*

Table 8
Present Value of Accrued Benefits
as of December 31, 2019

Actives*	$27,908,121
Retirees	46,439,262
Vested	1,383,076
Total	$75,730,459

** Based on benefit service and salary as of the valuation date.*

Table 9
Schedule of Funding Progress

Valuation Date	Actuarial Value of Assets (AVA)	Actuarial Accrued Liability (AAL)	Unfunded Actuarial Accrued Liability (UAAL) (3) - (2)	Funded Ratio (2) / (3)	Annual Covered Payroll	UAAL as % of Payroll (4) / (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
October 1, 2010	$40,754,922	$58,938,351	$18,183,429	69.15%	$14,234,287	127.74%
October 1, 2011	42,456,045	60,578,588	18,122,543	70.08%	13,809,019	131.24%
October 1, 2012	43,992,245	64,836,490	20,844,245	67.85%	12,232,592	170.40%
October 1, 2013	45,492,667	66,307,795	20,815,128	68.61%	11,171,076	186.33%
December 31, 2014	50,712,814	68,503,084	17,790,270	74.03%	10,418,891	170.75%
December 31, 2015	54,429,972	69,050,692	14,620,720	78.83%	10,067,888	145.22%
December 31, 2016	56,383,307	77,029,545	20,646,238	73.20%	9,706,228	212.71%
December 31, 2017	58,900,828	78,844,190	19,943,362	74.71%	9,259,465	215.38%
December 31, 2018	60,062,658	80,962,998	20,900,340	74.19%	9,013,973	231.87%
December 31, 2019	62,420,987	82,371,685	19,950,698	75.78%	8,981,404	222.13%

Table 10
Schedule of Annual Required Contributions

Fiscal Year Ending	Annual Required Contribution	Percentage Contributed*
(1)	(2)	(3)
9/30/2011	$2,146,504	100%
9/30/2012	2,315,472	100%
9/30/2013	2,579,654	100%
9/30/2014	3,029,289	100%
12/31/2014	757,322	100%
12/31/2015	2,717,265	100%
12/31/2016	2,449,953	100%
12/31/2017	2,996,208	100%
12/31/2018	2,655,734	100%
12/31/2019	2,707,763	100%
12/31/2020	2,645,500	

** 100% indicates at least 100%.*

This information is presented in draft form for review by the Plan's auditor. Please let us know if there are any items that the auditor changes so that we may maintain consistency with the Plan's financial statements.

Table 10
Schedule of Annual Required Contributions
(Concluded)

Valuation Date:	December 31, 2019
Actuarial Cost Method:	Entry Age
Amortization Method:	30-year, level dollar The unfunded actuarial accrued liability is amortized over 30 years, declining to 20 years. Effective for the October 1, 2013 valuation, the amortization method is changed from level percent of payroll to level dollar amortization. Historically, the total unfunded actuarial accrued liability attributable to Early Retirement Windows have been amortized over a period of 5 years, declining to 0 years.
Remaining Amortization Period:	21.75 years
Asset Valuation Method:	Smoothed asset value that spreads the difference between the assumed return and the actual investment return over a 5-year period.

Actuarial Assumptions:

• *Investment rate of return*	6.75%
• *Projected salary increases**	3.69% - 7.25%
* Includes wage inflation at	3.50%
• *Cost-of-living adjustments*	None

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APPENDIX

ACCOUNTING DISCLOSURES

This information is presented in draft form for review by the Plan's auditor. Please let us know if there are any items that the auditor changes so that we may maintain consistency with the Plan's financial statements.

Information Required by GASB Statements No. 67 and No. 68

The Governmental Accounting Standards Board Statement No. 67 (GASB Statement No. 67) contains certain requirements regarding the accounting and disclosure of financial information. In addition to disclosing the plan's fiduciary net position, retirement systems are also required to disclose information regarding the plan's total pension liability, net pension liability, and change in net pension liability from the prior year. In actuarial terms, these are the plan's actuarial accrued liability and unfunded actuarial accrued liability on a market value of assets basis. Similarly, GASB Statement No. 68 establishes standards for state and local government employers (as well as non-employer contributing entities) to account for and disclose the net pension liability, pension expense, and other information associated with providing retirement benefits to their employees (and former employees) on their basic financial statements. This section of the report contains information that is part of the Retirement Plan's disclosure requirements under these accounting standards.

Determination of the Total Pension Liability

The total pension liability shown in this subsection is also shown as of the last date of the pension plan's fiscal year, December 31, 2019.

A Single Discount Rate of 6.75% was used to measure the total pension liability. This Single Discount Rate was based on the expected rate of return on pension plan investments of 6.75%. The projection of cash flows used to determine this Single Discount Rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on these assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Measurement Statement of Net Pension Liability

The net pension liability is to be measured as the total pension liability, less the amount of the pension plan's fiduciary net position. As of the plan year ending December 31, 2019, the net pension liability is $18,911,459. If a Single Discount Rate that is one percent lower was used, the net pension liability would have been $28,106,143. Similarly, if a Single Discount Rate that was one percent higher was used, the net pension liability would have been $11,094,966.

Executive Summary
as of December 31, 2019

		2019
Actuarial Valuation Date		December 31, 2019
Measurement Date of the Net Pension Liability		December 31, 2019
Employer's Fiscal Year Ending Date (Reporting Date)		December 31, 2019
Membership		
Number of		
- Retirees and Beneficiaries		167
- Inactive, Nonretired Members		17
- Active Members		124
- Total		308
Covered Payroll	$	8,981,404
Net Pension Liability		
Total Pension Liability	$	82,371,685
Plan Fiduciary Net Position		63,460,226
Net Pension Liability	$	18,911,459
Plan Fiduciary Net Position as a Percentage of Total Pension Liability		77.04%
Net Pension Liability as a Percentage of Covered Payroll		210.56%
Development of the Single Discount Rate		
Single Discount Rate		6.75%
Long-Term Expected Rate of Investment Return		6.75%
Long-Term Municipal Bond Rate*		2.75%
Last year ending December 31 in the 2020 to 2119 projection period for which projected benefit payments are fully funded		2107
Total Pension Expense	$	4,185,785

Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	$ 170,986	$ 281,380
Changes in assumptions	463,083	0
Net difference between projected and actual earnings on pension plan investments	3,895,663	5,802,195
Total	$ 4,529,732	$ 6,083,575

* *Fixed-income municipal bonds with 20 years to maturity that include only federally tax-exempt municipal bonds as reported in Fidelity Index's "20-Year Municipal GO AA Index" as of December 31, 2019. In describing this index, Fidelity notes that the municipal curves are constructed using option-adjusted analytics of a diverse population of over 10,000 tax exempt securities.*

Pension Expense Under GASB Statement No. 68
Fiscal Year Ended December 31, 2019

A. Expense

1. Service Cost	$	943,320
2. Interest on the Total Pension Liability		5,345,489
3. Current-Period Benefit Changes		0
4. Employee Contributions (made negative for addition here)		(91,165)
5. Projected Earnings on Plan Investments (made negative for addition here)		(3,723,266)
6. Pension Plan Administrative Expense		281,541
7. Other Changes in Plan Fiduciary Net Position		0
8. Recognition of Outflow (Inflow) of Resources due to Liabilities		1,142,028
9. Recognition of Outflow (Inflow) of Resources due to Assets		287,838
10. Total Pension Expense	**$**	**4,185,785**

Statement of Outflows and Inflows
Arising from the Current Reporting Period
Fiscal Year Ended December 31, 2019

A. Outflows (Inflows) of Resources Due to Liabilities		
1. Difference between expected and actual experience of the Total Pension Liability (gains) or losses	$	(395,673)
2. Assumption Changes (gains) or losses	$	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}		3.3926
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the difference between expected and actual experience of the Total Pension Liability	$	(116,628)
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	$	-
6. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	$	(116,628)
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the difference between expected and actual experience of the Total Pension Liability	$	(279,045)
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for Assumption Changes	$	-
9. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	$	(279,045)
B. Outflows (Inflows) of Resources Due to Assets		
1. Net difference between projected and actual earnings on pension plan investments (gains) or losses	$	(5,214,876)
2. Recognition period for Assets {in years}		5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	$	(1,042,975)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	$	(4,171,901)

Statement of Outflows and Inflows
Arising from the Current and Prior Reporting Periods
Fiscal Year Ended December 31, 2019

A. Outflows and Inflows of Resources due to Liabilities and Assets to be Recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	$ 1,489,145	$ 347,117	$ 1,142,028
2. Due to Assets	2,180,532	1,892,694	287,838
3. Total	$ 3,669,677	$ 2,239,811	$ 1,429,866

B. Outflows and Inflows of Resources by Source to be Recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	$ 98,499	$ 347,117	$ (248,618)
2. Assumption Changes	1,390,646	-	1,390,646
3. Net Difference between projected and actual earnings on pension plan investments	2,180,532	1,892,694	287,838
4. Total	$ 3,669,677	$ 2,239,811	$ 1,429,866

C. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	$ 170,986	$ 281,380	$ (110,394)
2. Assumption Changes	463,083	-	463,083
3. Net Difference between projected and actual earnings on pension plan investments	3,895,663	5,802,195	(1,906,532)
4. Total	$ 4,529,732	$ 6,083,575	$ (1,553,843)

D. Deferred Outflows and Deferred Inflows of Resources by Year to be Recognized in Future Pension Expenses

Year Ending December 31	Net Deferred Outflows of Resources
2020	$ (151,172)
2021	(569,486)
2022	209,791
2023	(1,042,976)
2024	0
Thereafter	0
Total	$ (1,553,843)

Recognition of Deferred Outflows and Inflows of Resources
Fiscal Year Ended December 31, 2019

Year Established	Initial Amount	Initial Recognition Period	Current Year Recognition	Remaining Recognition	Remaining Recognition Period
Deferred Outflow (Inflow) due to Differences Between Expected and Actual Experience on Liabilities					
2015	$ (1,445,906)	4.7470	$ (227,530)	$ 0	0.0000
2016	(6,336)	4.3330	(1,462)	(488)	0.3330
2017	(6,338)	4.2325	(1,497)	(1,847)	1.2325
2018	367,984	3.7359	98,499	170,986	1.7359
2019	(395,673)	3.3926	(116,628)	(279,045)	2.3926
Total			**$ (248,618)**	**$ (110,394)**	
Deferred Outflow (Inflow) due to Assumption Changes					
2015	$ 0	4.7470	$ 0	$ 0	0.0000
2016	6,025,667	4.3330	1,390,646	463,083	0.3330
2017	0	4.2325	0	0	1.2325
2018	0	3.7359	0	0	1.7359
2019	0	3.3926	0	0	2.3926
Total			**$ 1,390,646**	**$ 463,083**	
Deferred Outflow (Inflow) due to Differences Between Projected and Actual Earnings on Plan Investments					
2015	$ 4,409,894	5.0000	$ 881,978	$ 0	0.0000
2016	(345,721)	5.0000	(69,144)	(69,145)	1.0000
2017	(3,902,874)	5.0000	(780,575)	(1,561,149)	2.0000
2018	6,492,771	5.0000	1,298,554	3,895,663	3.0000
2019	(5,214,876)	5.0000	(1,042,975)	(4,171,901)	4.0000
Total			**$ 287,838**	**$ (1,906,532)**	

According to Paragraph 33 of GASB Statement No. 68, *differences between expected and actual experience* and *changes in assumptions* are recognized in pension expense using a systematic and rational method over a closed period equal to the average of the expected remaining service lives of all employees that are provided with pensions through the pension plan (active employees and inactive employees) determined as of the beginning of the measurement period.

At the beginning of the measurement period, the expected remaining service lives of all contributing members was 1,072 years. Additionally, the combined plan membership (active employees and inactive employees) was 316. As a result, the average of the expected remaining service lives for purposes of recognizing the applicable deferred outflows and inflows of resources established in the measurement period is 3.3926 years.

Additionally, *differences between projected and actual earnings on pension plan investments* should be recognized in pension expense using a systematic and rational method over a closed five-year period. For this purpose, the deferred outflows and inflows of resources are recognized in the pension expense as a level dollar amount over the closed period identified above.

Schedule of Changes in the Net Pension Liability and Related Ratios
Current Period
Fiscal Year Ended December 31, 2019

A. Total Pension Liability		
1. Service Cost	$	943,320
2. Interest on the Total Pension Liability		5,345,489
3. Changes of benefit terms		0
4. Difference between expected and actual experience		(395,673)
5. Changes of assumptions		0
6. Benefit payments, including refunds of employee contributions		(4,484,449)
7. Net change in Total Pension Liability	$	1,408,687
8. Total Pension Liability – Beginning		80,962,998
9. Total Pension Liability – Ending	**$**	**82,371,685**
B. Plan Fiduciary Net Position		
1. Contributions – employer	$	3,400,000
2. Contributions – employee		91,165
3. Net investment income		8,938,142
4. Benefit payments, including refunds of employee contributions		(4,484,449)
5. Pension Plan Administrative Expense		(281,541)
6. Other		0
7. Net change in Plan Fiduciary Net Position	$	7,663,317
8. Plan Fiduciary Net Position – Beginning		55,796,909
9. Plan Fiduciary Net Position – Ending	**$**	**63,460,226**
C. Net Pension Liability	**$**	**18,911,459**
D. Plan Fiduciary Net Position as a Percentage of the Total Pension Liability		**77.04%**
E. Covered-Employee Payroll	**$**	**8,981,404**
F. Net Pension Liability as a Percentage of Covered-Employee Payroll		**210.56%**

Schedules of Required Supplementary Information

Schedule of Changes in the Employers' Net Pension Liability and Related Ratios Multiyear

Fiscal year ending December 31,	2019	2018	2017	2016	2015	2014	2012	2011	2010	2009
Total Pension Liability										
Service Cost*	$ 943,320	$ 966,866	$ 966,866	$ 1,030,377	$ 962,488	$ 1,004,715				
Interest on the Total Pension Liability	5,345,489	5,205,391	5,089,192	4,899,597	4,862,474	4,726,571				
Benefit Changes	-	-	-	-	-	-				
Difference between expected and actual experience	(395,673)	367,984	(6,338)	(6,336)	(1,445,906)	109,029				
Assumption Changes	-	-	-	6,025,667	-	-				
Benefit Payments and Refunds	(4,484,449)	(4,421,433)	(4,235,075)	(3,970,452)	(3,831,448)	(4,057,900)				
Net Change in Total Pension Liability	1,408,687	2,118,808	1,814,645	7,978,853	547,608	1,782,415				
Total Pension Liability - Beginning	80,962,998	78,844,190	77,029,545	69,050,692	68,503,084	66,720,669				
Total Pension Liability - Ending (a)	$ 82,371,685	$ 80,962,998	$ 78,844,190	$ 77,029,545	$ 69,050,692	$ 68,503,084				
Plan Fiduciary Net Position										
Employer Contributions	$ 3,400,000	$ 3,000,000	$ 2,996,209	$ 2,700,000	$ 4,500,000	$ 3,100,000				
Employee Contributions	91,165	91,814	88,475	111,649	101,817	107,492				
Pension Plan Net Investment Income	8,938,142	(2,503,594)	7,487,987	4,008,761	(667,117)	2,225,505				
Benefit Payments and Refunds	(4,484,449)	(4,421,433)	(4,235,075)	(3,970,452)	(3,831,448)	(4,057,900)				
Pension Plan Administrative Expense	(281,541)	(267,216)	(256,479)	(275,660)	(201,301)	(73,710)				
Other	-	-	-	-	-	-				
Net Change in Plan Fiduciary Net Position	7,663,317	(4,100,429)	6,081,117	2,574,298	(98,049)	1,301,387				
Plan Fiduciary Net Position - Beginning	55,796,909	59,897,338	53,816,221	51,241,923	51,339,972	50,038,585				
Plan Fiduciary Net Position - Ending (b)	$ 63,460,226	$ 55,796,909	$ 59,897,338	$ 53,816,221	$ 51,241,923	$ 51,339,972				
Net Pension Liability - Ending (a) - (b)	18,911,459	25,166,089	18,946,852	23,213,324	17,808,769	17,163,112				
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	77.04 %	68.92 %	75.97 %	69.86 %	74.21 %	74.95 %				
Covered-Employee Payroll	$ 8,981,404	$ 9,013,973	$ 9,259,465	$ 9,706,228	$ 10,067,888	$ 10,418,891				
Net Pension Liability as a Percentage of Covered-Employee Payroll	210.56 %	279.19 %	204.62 %	239.16 %	176.89 %	164.73 %				

Notes to Schedule: N/A

**Beginning with the 2018 valuation, the beginning of year service cost is used.*

Schedules of Required Supplementary Information
Schedule of the Employers' Net Pension Liability
Multiyear

FY Ending December 31,	Total Pension Liability	Plan Net Position	Net Pension Liability	Plan Net Position as a % of Total Pension Liability	Covered Payroll	Net Pension Liability as a % of Covered Payroll
2010						
2011						
2012						
2013						
2014	$68,503,084	$51,339,972	$17,163,112	74.95%	$10,418,891	164.73%
2015	69,050,692	51,241,923	17,808,769	74.21%	10,067,888	176.89%
2016	77,029,545	53,816,221	23,213,324	69.86%	9,706,228	239.16%
2017	78,844,190	59,897,338	18,946,852	75.97%	9,259,465	204.62%
2018	80,962,998	55,796,909	25,166,089	68.92%	9,013,973	279.19%
2019	82,371,685	63,460,226	18,911,459	77.04%	8,981,404	210.56%

Schedule of Contributions Multiyear

FY Ending December 31,	Actuarially Determined Contribution*	Actual Contribution	Contribution Deficiency (Excess)	Covered Payroll	Actual Contribution as a % of Covered Payroll
2010					
2011					
2012					
2013					
2014	$ 3,029,289	$ 3,100,000	$ (70,711)	$ 10,418,891	29.75%
2015*	3,474,587	4,500,000	(1,025,413)	10,067,888	44.70%
2016	2,449,953	2,700,000	(250,047)	9,706,228	27.82%
2017	2,996,208	2,996,209	(1)	9,259,465	32.36%
2018	2,655,734	3,000,000	(344,266)	9,013,973	33.28%
2019	2,707,763	3,400,000	(692,237)	8,981,404	37.86%

* *Includes contributions for short plan year October 1, 2014 – December 31, 2014.*

Schedule of Investment Returns Multiyear

FY Ending December 31,	Annual Return[1]
2010	
2011	
2012	
2013	
2014	4.43 %
2015	(1.68)%
2016	7.33 %
2017	13.40 %
2018	(4.64)%
2019	15.53 %

[1] *Annual money-weighted rate of return, net of investment expenses.*

Asset Allocation

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
US Large Cap Index	10.00%	8.00%
US Small Cap Equity	2.00%	10.15%
US Small/Mid Cap Equity Index	3.00%	8.00%
World Equity ex-US	16.00%	9.32%
Emerging Markets Equity	2.00%	9.67%
Global Low Beta Equities	5.00%	8.83%
Core Fixed Income	20.00%	6.54%
Limited Duration Bonds	12.00%	5.65%
US High Yield	2.00%	7.82%
Emerging Markets Debt	3.00%	8.75%
Diversified Short Term Fixed Income	4.00%	5.52%
Dynamic Asset Allocation	5.00%	10.32%
Multi-Asset	3.00%	6.46%
Structured Credit	3.00%	10.52%
Private Equity	5.00%	12.61%
Private Real Estate	5.00%	7.30%
Total	100.00%	

The figures in the above table were supplied by the Huron-Clinton Metropolitan Authority Employees' Retirement Plan's investment consultant and are based upon the investment manager's inflation assumption of 2.50%. Gabriel, Roeder, Smith & Company does not provide investment advice.

Sensitivity of the Net Pension Liability to the Single Discount Rate Assumption

Single Discount Rate

A Single Discount Rate of 6.75% was used to measure the total pension liability. This Single Discount Rate was based on the expected rate of return on pension plan investments of 6.75%. The projection of cash flows used to determine this Single Discount Rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on these assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Regarding the sensitivity of the net pension liability to changes in the Single Discount Rate, the following presents the plan's net pension liability, calculated using a Single Discount Rate of 6.75%, as well as what the plan's net pension liability would be if it were calculated using a Single Discount Rate that is one percent lower or one percent higher:

	1% Decrease 5.75%	Current Single Discount Rate Assumption 6.75%	1% Increase 7.75%
Total Pension Liability	$ 91,566,369	$ 82,371,685	$ 74,555,192
Plan Fiduciary Net Position	63,460,226	63,460,226	63,460,226
Net Pension Liability/(Asset)	$ 28,106,143	$ 18,911,459	$ 11,094,966

Calculation of the Single Discount Rate

GASB Statement No. 67 includes a specific requirement for the discount rate that is used for the purpose of the measurement of the Total Pension Liability. This rate considers the ability of the fund to meet benefit obligations in the future. To make this determination, employer contributions, employee contributions, benefit payments, expenses and investment returns are projected into the future. The Plan Net Position (assets) in future years can then be determined and compared to its obligation to make benefit payments in those years. As long as assets are projected to be on hand in a future year, the assumed valuation discount rate is used. In years where assets are not projected to be sufficient to meet benefit payments, the use of a "risk-free" rate is required, as described in the following paragraph.

The Single Discount Rate (SDR) is equivalent to applying these two rates to the benefits that are projected to be paid during the different time periods. The SDR reflects: (1) the long-term expected rate of return on pension plan investments (during the period in which the fiduciary net position is projected to be sufficient to pay benefits); and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating (which is published by the Bond Buyer Index) as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on pension plan investments is 6.75%; the municipal bond rate is 2.75%; and the resulting SDR is 6.75%.

The tables in this section provide background for the development of the SDR.

The **Projection of Contributions** table shows the development of expected contributions in future years. Normal Cost contributions for future hires are not included (nor are their liabilities).

Expected Contributions are developed based on the following:

- Member Contributions for current members
- Normal Cost contributions for current members
- Unfunded Liability contributions for current and future members

The **Projection of Plan Fiduciary Net Position** table shows the development of expected asset levels in future years.

The **Present Values of Projected Benefit Payments** table shows the development of the SDR. It breaks down the benefit payments into present values for funded and unfunded portions and shows the equivalent total at the SDR.

Results in this section of the report are not rounded, and are shown as dollar amounts without the additional digits.

The projections in this section are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection of the ongoing plan.

Single Discount Rate Development
Projection of Contributions

Year	Payroll for Current Employees	Contributions from Current Employees	Normal Cost and Expense Contributions	UAL Contributions	Total Contributions
0	$ 8,981,404				
1	8,694,043	$ -	$ 927,311	$ 1,718,189	$ 2,645,500
2	8,090,484	-	860,769	1,659,825	2,520,594
3	7,505,723	-	795,499	1,702,008	2,497,507
4	6,984,120	-	737,174	1,598,360	2,335,534
5	6,499,581	-	682,376	1,598,360	2,280,736
6	6,062,880	-	634,438	1,598,360	2,232,798
7	5,670,058	-	592,011	1,598,360	2,190,370
8	5,270,154	-	548,791	1,598,360	2,147,150
9	4,866,736	-	505,334	1,598,360	2,103,693
10	4,484,960	-	464,479	1,598,360	2,062,839
11	4,109,223	-	424,748	1,598,360	2,023,107
12	3,711,098	-	382,945	1,598,360	1,981,304
13	3,296,890	-	339,119	1,598,360	1,937,479
14	2,885,240	-	295,531	1,598,360	1,893,891
15	2,493,051	-	253,920	1,598,360	1,852,279
16	2,120,656	-	214,489	1,598,360	1,812,848
17	1,755,743	-	175,891	1,598,360	1,774,251
18	1,431,385	-	142,007	1,598,360	1,740,366
19	1,160,137	-	113,955	1,598,360	1,712,315
20	923,613	-	89,580	1,598,360	1,687,939
21	719,350	-	68,768	1,598,360	1,667,128
22	544,378	-	51,052	1,598,360	1,649,411
23	404,429	-	36,936	-	36,936
24	293,988	-	26,008	-	26,008
25	209,463	-	17,822	-	17,822
26	145,950	-	11,925	-	11,925
27	97,458	-	7,638	-	7,638
28	64,543	-	4,791	-	4,791
29	42,297	-	3,009	-	3,009
30	25,208	-	1,720	-	1,720
31	13,710	-	917	-	917
32	5,963	-	385	-	385
33	2,601	-	166	-	166
34	888	-	58	-	58
35	-	-	-	-	-
36	-	-	-	-	-
37	-	-	-	-	-
38	-	-	-	-	-
39	-	-	-	-	-
40	-	-	-	-	-
41	-	-	-	-	-
42	-	-	-	-	-
43	-	-	-	-	-
44	-	-	-	-	-
45	-	-	-	-	-
46	-	-	-	-	-
47	-	-	-	-	-
48	-	-	-	-	-
49	-	-	-	-	-
50	-	-	-	-	-

Single Discount Rate Development
Projection of Contributions (Concluded)

Year	Payroll for Current Employees	Contributions from Current Employees	Normal Cost and Expense Contributions	UAL Contributions	Total Contributions
51	$ -	$ -	$ -	$ -	$ -
52	-	-	-	-	-
53	-	-	-	-	-
54	-	-	-	-	-
55	-	-	-	-	-
56	-	-	-	-	-
57	-	-	-	-	-
58	-	-	-	-	-
59	-	-	-	-	-
60	-	-	-	-	-
61	-	-	-	-	-
62	-	-	-	-	-
63	-	-	-	-	-
64	-	-	-	-	-
65	-	-	-	-	-
66	-	-	-	-	-
67	-	-	-	-	-
68	-	-	-	-	-
69	-	-	-	-	-
70	-	-	-	-	-
71	-	-	-	-	-
72	-	-	-	-	-
73	-	-	-	-	-
74	-	-	-	-	-
75	-	-	-	-	-
76	-	-	-	-	-
77	-	-	-	-	-
78	-	-	-	-	-
79	-	-	-	-	-
80	-	-	-	-	-
81	-	-	-	-	-
82	-	-	-	-	-
83	-	-	-	-	-
84	-	-	-	-	-
85	-	-	-	-	-
86	-	-	-	-	-
87	-	-	-	-	-
88	-	-	-	-	-
89	-	-	-	-	-
90	-	-	-	-	-
91	-	-	-	-	-
92	-	-	-	-	-
93	-	-	-	-	-
94	-	-	-	-	-
95	-	-	-	-	-
96	-	-	-	-	-
97	-	-	-	-	-
98	-	-	-	-	-
99	-	-	-	-	-
100	-	-	-	-	-

Single Discount Rate Development
Projection of Plan Fiduciary Net Position

Year	Projected Beginning Plan Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Investment Earnings at 6.75%	Projected Ending Plan Net Position
	(a)	(b)	(c)	(d)	(e)=(a)+(b)-(c)+(d)
1	$ 63,460,226	$ 2,645,500	$ 4,666,273	$ 4,216,478	$ 65,655,931
2	65,655,931	2,520,594	5,015,422	4,348,950	67,510,054
3	67,510,054	2,497,507	5,352,780	4,462,137	69,116,918
4	69,116,918	2,335,534	5,637,521	4,555,770	70,370,701
5	70,370,701	2,280,736	5,907,945	4,629,603	71,373,094
6	71,373,094	2,232,798	6,130,657	4,688,279	72,163,514
7	72,163,514	2,190,370	6,320,414	4,733,924	72,767,395
8	72,767,395	2,147,150	6,488,858	4,767,659	73,193,347
9	73,193,347	2,103,693	6,663,417	4,789,173	73,422,797
10	73,422,797	2,062,839	6,851,061	4,797,075	73,431,650
11	73,431,650	2,023,107	6,989,913	4,791,744	73,256,588
12	73,256,588	1,981,304	7,113,579	4,774,434	72,898,747
13	72,898,747	1,937,479	7,231,500	4,744,910	72,349,636
14	72,349,636	1,893,891	7,345,026	4,702,629	71,601,129
15	71,601,129	1,852,279	7,423,887	4,648,105	70,677,626
16	70,677,626	1,812,848	7,487,289	4,582,354	69,585,540
17	69,585,540	1,774,251	7,542,539	4,505,523	68,322,775
18	68,322,775	1,740,366	7,550,762	4,418,888	66,931,268
19	66,931,268	1,712,315	7,506,389	4,325,504	65,462,698
20	65,462,698	1,687,939	7,428,890	4,228,139	63,949,886
21	63,949,886	1,667,128	7,317,263	4,129,039	62,428,790
22	62,428,790	1,649,411	7,191,580	4,029,949	60,916,570
23	60,916,570	36,936	7,029,437	3,879,725	57,803,794
24	57,803,794	26,008	6,834,888	3,675,709	54,670,623
25	54,670,623	17,822	6,615,517	3,471,231	51,544,159
26	51,544,159	11,925	6,375,241	3,267,976	48,448,818
27	48,448,818	7,638	6,120,557	3,067,353	45,403,253
28	45,403,253	4,791	5,853,421	2,870,551	42,425,173
29	42,425,173	3,009	5,577,008	2,678,649	39,529,824
30	39,529,824	1,720	5,298,100	2,492,429	36,725,873
31	36,725,873	917	5,014,276	2,312,558	34,025,071
32	34,025,071	385	4,735,938	2,139,477	31,428,996
33	31,428,996	166	4,459,747	1,973,404	28,942,818
34	28,942,818	58	4,184,356	1,814,726	26,573,246
35	26,573,246	-	3,915,236	1,663,713	24,321,722
36	24,321,722	-	3,653,020	1,520,440	22,189,143
37	22,189,143	-	3,398,868	1,384,928	20,175,203
38	20,175,203	-	3,153,307	1,257,140	18,279,036
39	18,279,036	-	2,916,712	1,137,003	16,499,327
40	16,499,327	-	2,689,361	1,024,421	14,834,387
41	14,834,387	-	2,471,445	919,272	13,282,213
42	13,282,213	-	2,263,136	821,416	11,840,493
43	11,840,493	-	2,064,647	730,689	10,506,536
44	10,506,536	-	1,876,155	646,905	9,277,286
45	9,277,286	-	1,697,741	569,854	8,149,398
46	8,149,398	-	1,529,408	499,310	7,119,300
47	7,119,300	-	1,371,171	435,031	6,183,160
48	6,183,160	-	1,223,041	376,760	5,336,879
49	5,336,879	-	1,084,962	324,220	4,576,137
50	4,576,137	-	956,829	277,124	3,896,432

Single Discount Rate Development
Projection of Plan Fiduciary Net Position (Concluded)

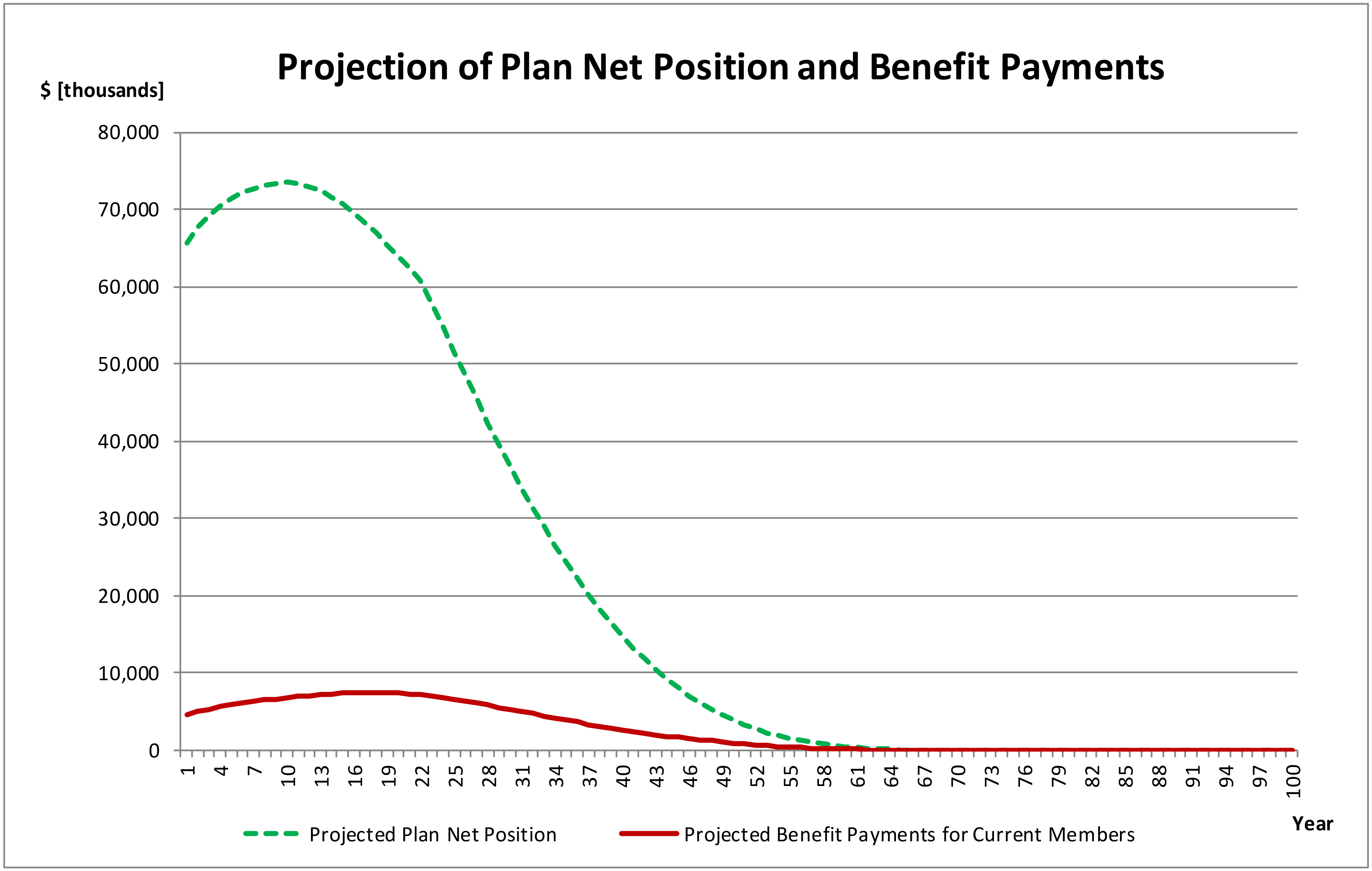
Year	Projected Beginning Plan Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Investment Earnings at 6.75%	Projected Ending Plan Net Position
	(a)	(b)	(c)	(d)	(e)=(a)+(b)-(c)+(d)
51	$ 3,896,432	$ -	$ 838,485	$ 235,172	$ 3,293,119
52	3,293,119	-	729,792	198,057	2,761,384
53	2,761,384	-	630,622	165,457	2,296,220
54	2,296,220	-	540,739	137,043	1,892,523
55	1,892,523	-	459,820	112,480	1,545,183
56	1,545,183	-	387,509	91,435	1,249,109
57	1,249,109	-	323,439	73,577	999,248
58	999,248	-	267,218	58,578	790,608
59	790,608	-	218,384	46,116	618,340
60	618,340	-	176,420	35,881	477,802
61	477,802	-	140,787	27,578	364,592
62	364,592	-	110,938	20,927	274,581
63	274,581	-	86,278	15,670	203,973
64	203,973	-	66,177	11,571	149,367
65	149,367	-	50,023	8,422	107,765
66	107,765	-	37,244	6,038	76,559
67	76,559	-	27,298	4,261	53,523
68	53,523	-	19,688	2,959	36,794
69	36,794	-	13,961	2,020	24,853
70	24,853	-	9,723	1,355	16,485
71	16,485	-	6,647	892	10,730
72	10,730	-	4,460	576	6,846
73	6,846	-	2,933	365	4,278
74	4,278	-	1,887	226	2,617
75	2,617	-	1,188	137	1,566
76	1,566	-	732	81	915
77	915	-	440	47	522
78	522	-	257	27	292
79	292	-	146	15	160
80	160	-	82	8	87
81	87	-	45	4	46
82	46	-	25	2	23
83	23	-	13	1	11
84	11	-	7	1	5
85	5	-	3	0	2
86	2	-	2	0	1
87	1	-	1	0	0
88	0	-	0	0	0
89	0	-	0	0	0
90	0	-	0	0	0
91	0	-	-	0	0
92	0	-	-	0	0
93	0	-	-	0	0
94	0	-	-	0	0
95	0	-	-	0	0
96	0	-	-	0	0
97	0	-	-	0	0
98	0	-	-	0	0
99	0	-	-	0	0
100	0	-	-	0	0

Single Discount Rate Development
Present Values of Projected Benefit Payments

Year	Projected Beginning Plan Net Position	Projected Benefit Payments	Funded Portion of Benefit Payments	Unfunded Portion of Benefit Payments	Present Value of Funded Benefit Payments using Expected Return Rate (v)	Present Value of Unfunded Benefit Payments using Municipal Bond Rate (vf)	Present Value of Benefit Payments using Single Discount Rate (sdr)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v^((a)-.5)	(g)=(e)*vf ^((a)-.5)	(h)=(c)/(1+sdr)^(a-.5)
1	$ 63,460,226	$ 4,666,273	$ 4,666,273	$ -	$ 4,516,335	$ -	$ 4,516,335
2	65,655,931	5,015,422	5,015,422	-	4,547,321	-	4,547,321
3	67,510,054	5,352,780	5,352,780	-	4,546,316	-	4,546,316
4	69,116,918	5,637,521	5,637,521	-	4,485,394	-	4,485,394
5	70,370,701	5,907,945	5,907,945	-	4,403,327	-	4,403,327
6	71,373,094	6,130,657	6,130,657	-	4,280,393	-	4,280,393
7	72,163,514	6,320,414	6,320,414	-	4,133,846	-	4,133,846
8	72,767,395	6,488,858	6,488,858	-	3,975,659	-	3,975,659
9	73,193,347	6,663,417	6,663,417	-	3,824,459	-	3,824,459
10	73,422,797	6,851,061	6,851,061	-	3,683,519	-	3,683,519
11	73,431,650	6,989,913	6,989,913	-	3,520,538	-	3,520,538
12	73,256,588	7,113,579	7,113,579	-	3,356,275	-	3,356,275
13	72,898,747	7,231,500	7,231,500	-	3,196,170	-	3,196,170
14	72,349,636	7,345,026	7,345,026	-	3,041,073	-	3,041,073
15	71,601,129	7,423,887	7,423,887	-	2,879,367	-	2,879,367
16	70,677,626	7,487,289	7,487,289	-	2,720,335	-	2,720,335
17	69,585,540	7,542,539	7,542,539	-	2,567,128	-	2,567,128
18	68,322,775	7,550,762	7,550,762	-	2,407,425	-	2,407,425
19	66,931,268	7,506,389	7,506,389	-	2,241,946	-	2,241,946
20	65,462,698	7,428,890	7,428,890	-	2,078,501	-	2,078,501
21	63,949,886	7,317,263	7,317,263	-	1,917,816	-	1,917,816
22	62,428,790	7,191,580	7,191,580	-	1,765,692	-	1,765,692
23	60,916,570	7,029,437	7,029,437	-	1,616,751	-	1,616,751
24	57,803,794	6,834,888	6,834,888	-	1,472,604	-	1,472,605
25	54,670,623	6,615,517	6,615,517	-	1,335,213	-	1,335,213
26	51,544,159	6,375,241	6,375,241	-	1,205,357	-	1,205,357
27	48,448,818	6,120,557	6,120,557	-	1,084,032	-	1,084,032
28	45,403,253	5,853,421	5,853,421	-	971,165	-	971,165
29	42,425,173	5,577,008	5,577,008	-	866,795	-	866,795
30	39,529,824	5,298,100	5,298,100	-	771,379	-	771,379
31	36,725,873	5,014,276	5,014,276	-	683,892	-	683,892
32	34,025,071	4,735,938	4,735,938	-	605,087	-	605,087
33	31,428,996	4,459,747	4,459,747	-	533,770	-	533,770
34	28,942,818	4,184,356	4,184,356	-	469,142	-	469,142
35	26,573,246	3,915,236	3,915,236	-	411,212	-	411,212
36	24,321,722	3,653,020	3,653,020	-	359,412	-	359,412
37	22,189,143	3,398,868	3,398,868	-	313,261	-	313,261
38	20,175,203	3,153,307	3,153,307	-	272,252	-	272,252
39	18,279,036	2,916,712	2,916,712	-	235,901	-	235,901
40	16,499,327	2,689,361	2,689,361	-	203,759	-	203,759
41	14,834,387	2,471,445	2,471,445	-	175,409	-	175,409
42	13,282,213	2,263,136	2,263,136	-	150,468	-	150,468
43	11,840,493	2,064,647	2,064,647	-	128,591	-	128,591
44	10,506,536	1,876,155	1,876,155	-	109,463	-	109,463
45	9,277,286	1,697,741	1,697,741	-	92,790	-	92,790
46	8,149,398	1,529,408	1,529,408	-	78,304	-	78,304
47	7,119,300	1,371,171	1,371,171	-	65,764	-	65,764
48	6,183,160	1,223,041	1,223,041	-	54,950	-	54,950
49	5,336,879	1,084,962	1,084,962	-	45,664	-	45,664
50	4,576,137	956,829	956,829	-	37,725	-	37,725

Single Discount Rate Development
Present Values of Projected Benefit Payments (Concluded)

Year	Projected Beginning Plan Net Position	Projected Benefit Payments	Funded Portion of Benefit Payments	Unfunded Portion of Benefit Payments	Present Value of Funded Benefit Payments using Expected Return Rate (v)	Present Value of Unfunded Benefit Payments using Municipal Bond Rate (vf)	Present Value of Benefit Payments using Single Discount Rate (sdr)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v^((a)-.5)	(g)=(e)*vf ^((a)-.5)	(h)=(c)/(1+sdr)^(a-.5)
51	$ 3,896,432	$ 838,485	$ 838,485	$ -	$ 30,968	$ -	$ 30,968
52	3,293,119	729,792	729,792	-	25,250	-	25,250
53	2,761,384	630,622	630,622	-	20,439	-	20,439
54	2,296,220	540,739	540,739	-	16,417	-	16,417
55	1,892,523	459,820	459,820	-	13,078	-	13,078
56	1,545,183	387,509	387,509	-	10,324	-	10,324
57	1,249,109	323,439	323,439	-	8,072	-	8,072
58	999,248	267,218	267,218	-	6,248	-	6,248
59	790,608	218,384	218,384	-	4,783	-	4,783
60	618,340	176,420	176,420	-	3,620	-	3,620
61	477,802	140,787	140,787	-	2,706	-	2,706
62	364,592	110,938	110,938	-	1,997	-	1,997
63	274,581	86,278	86,278	-	1,455	-	1,455
64	203,973	66,177	66,177	-	1,046	-	1,046
65	149,367	50,023	50,023	-	740	-	740
66	107,765	37,244	37,244	-	516	-	516
67	76,559	27,298	27,298	-	355	-	355
68	53,523	19,688	19,688	-	240	-	240
69	36,794	13,961	13,961	-	159	-	159
70	24,853	9,723	9,723	-	104	-	104
71	16,485	6,647	6,647	-	66	-	66
72	10,730	4,460	4,460	-	42	-	42
73	6,846	2,933	2,933	-	26	-	26
74	4,278	1,887	1,887	-	16	-	16
75	2,617	1,188	1,188	-	9	-	9
76	1,566	732	732	-	5	-	5
77	915	440	440	-	3	-	3
78	522	257	257	-	2	-	2
79	292	146	146	-	1	-	1
80	160	82	82	-	0	-	0
81	87	45	45	-	0	-	0
82	46	25	25	-	0	-	0
83	23	13	13	-	0	-	0
84	11	7	7	-	0	-	0
85	5	3	3	-	0	-	0
86	2	2	2	-	0	-	0
87	1	1	1	-	0	-	0
88	0	0	0	-	0	-	0
89	0	0	0	-	0	-	0
90	0	0	0	0	0	0	0
91	0	-	-	-	-	-	-
92	0	-	-	-	-	-	-
93	0	-	-	-	-	-	-
94	0	-	-	-	-	-	-
95	0	-	-	-	-	-	-
96	0	-	-	-	-	-	-
97	0	-	-	-	-	-	-
98	0	-	-	-	-	-	-
99	0	-	-	-	-	-	-
100	0	-	-	-	-	-	-
				Totals	$ 88,587,633	$ -	$ 88,587,633



Projection of Plan Net Position and Benefit Payments
$ [thousands]
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
1 4 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52 55 58 61 64 67 70 73 76 79 82 85 88 91 94 97 100
Year
Projected Plan Net Position
Projected Benefit Payments for Current Members

State Reporting Assumptions

The Protecting Local Government Retirement and Benefits Act, Public Act 202 of 2017, was put into law effective December 20, 2017. One outcome of the law is the requirement for the local unit of government to provide select reporting discloures to the State. Sec. 5(1) of the Act provides the State treasurer with the authority to annually establish uniform actuarial assumptions for purposes of developing the requisite disclosures. Below you will find information which may be used to assist the local unit of government with required reporting.

Uniform Assumptions, as applicable to the measurement and the required disclosures under uniform assumptions are denoted below. Additional discussion of the PA 202 and uniform assumptions may be found on the State website in the uniform assumption memo dated September 25, 2018.

Uniform Assumption	PA 202	Valuation Assumption Used	Uniform Assumption Used
Investment Rate of Return Discount Rate	Maximum of 7.00%	6.75%	6.75%
Salary Increase	Minimum of 3.50% or based on experience study within last 5 years	3.50% + Merit and longevity (based on experience study issued September 28, 2016)	3.50% + Merit and longevity (based on experience study issued September 28, 2016)
Mortality	Version of RP-2014 or based on experience study within last 5 years	A version of RP-2014 (based on experience study issued September 28, 2016)	A version of RP-2014 (based on experience study issued September 28, 2016)
Amortization of the Unfunded Accrued Actuarial Liability: Period	Maximum Period of 20 Years	21.75 years	**20 years**
Method	Closed Plans: Level Dollar Open Plans: Level Percent of Payroll or Level Dollar	Level Percent	Level Percent
Type	Closed	Closed	Closed

State Reporting

The following information has been prepared to provide some of the information necessary to complete the pension reporting requirements for the State of Michigan's Local Government Retirement System Annual Report (Form No. 5572). Additional resources are available on the State website.

Line	Descriptive Information	
18	**Actuarial Assumptions**[1]	
19	Actuarial assumed rate of investment return[2]	6.75%
20	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Level Percent
21	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any	21.75
22	Is each division within the system closed to new employees?	Yes
23	**Uniform Assumptions**[3]	
24	Enter retirement pension system's actuarial value of assets using uniform assumptions	62,420,987
25	Enter retirement pension system's actuarial accrued liabilities using uniform assumptions	82,371,685
26	Funded ratio using uniform assumptions	Auto[4]
27	Actuarially Determined Contribution (ADC) using uniform assumptions[5]	2,714,423
28	All systems combined ADC/Governmental fund revenues	Auto[4]

1 Information on lines 19-22 can be found on Tables 5 and 6 in this report.

2 Net of administrative and investment expenses.

3 Information on lines 24-28 is based on assumption listed on the prior page.

4 Automatically calculated by State of Michigan Form 5572.

5 Calculated as of December 31, 2019 applicable for fiscal year ending December 31, 2020.

GASB Statement No. 67 Supplementary Information
Summary of Actuarial Methods and Assumptions
Used to Determine Contribution Rates

The information presented in the required supplementary schedules was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation is provided below:

Valuation Date:	Actuarially determined contribution amounts for fiscal year 2019 are calculated based upon the results of the December 31, 2018 actuarial valuation

Methods and Assumptions Used to Determine Contribution Rates for the Fiscal Year Ending December 31, 2019:

Actuarial Cost Method	Entry-Age Normal
Amortization Method	Level Dollar
Remaining Amortization Period	22.75 years
Asset Valuation Method	5-Year Smoothed Market
Wage Inflation	3.50%
Salary Increases	3.69% to 7.25% including inflation
Investment Rate of Return	6.75% (net of administrative expenses)
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition.
Mortality	RP-2014 Generational Mortality Table for males and females, extended via cubic spline. This table is adjusted backwards to 2006 with the MP-2014 scale, resulting in a base year of 2006 with future mortality improvements assumed each year using scale MP-2015.

Other Information:

Notes	N/A

To: Board of Commissioners
From: Rebecca L. Franchock, Chief of Finance
Subject: Approval – 2019 Retiree Health Care Trust GASB Reporting and Contribution
Date: July 2, 2020

Action Requested: **Motion to Receive and File / Approve Contribution**

That the Board of Commissioners (1) receive the Governmental Accounting Standards Board Statements (GASB) No. 74 and 75; and (2) approve making the annual required contribution in the amount of $1,060,774 as recommended by Retiree Health Care Trust Administrator Rebecca Franchock.

Fiscal Impact: $1.1 million was included in the general fund budget. A contribution of $1,060,774 will result in savings of $39,226.

Background: To remain in compliance with Governmental accounting standards, GRS performed the necessary work to produce GASB Statements No. 74 and 75 for the year ended Dec. 31, 2019.

Statement No. 74 is the accounting standard, which applies to other postemployment (non-pension) benefits that are administered through trusts or equivalent arrangements. GASB No. 75 establishes accounting and financial reporting requirements for state and local government employers that provide their employees with postemployment benefits other than pensions.

This report is not an appropriate measure for measuring sufficiency of plan assets or to assess the need for or amount of future employer contributions. It should be considered in conjunction with the actuarial valuation report.

The Retiree Health Care Trust valuation is performed every other year. The valuation performed for year ending Dec. 31, 2018 developed an actuarially computed employer contribution for fiscal year ending 2020 of $1,060,774. Based on this, $1.1 million was included in the 2020 general fund budget.

Staff is requesting that the Board approve funding the $1,060,774 contribution at this time.

Attachment: **Retiree Health Care Plan GASB Statement No. 74, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans Dec. 31, 2019**

Huron-Clinton Metropolitan Authority Retiree Health Care Plan

GASB Statement Nos. 74 and 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions

December 31, 2019

GRS

March 10, 2020

Ms. Rebecca Franchock
Chief of Finance
Huron-Clinton Metropolitan Authority
Brighton, MI 48114-9058

Dear Ms. Franchock:

This report provides information on behalf of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan in connection with the Governmental Accounting Standards Board (GASB) Statement Nos. 74 and 75. GASB Statement No. 74 is the accounting standard, which applies to other postemployment benefits (OPEB) plans that are administered through trusts or equivalent arrangements. GASB Statement No. 75 establishes accounting and financial reporting requirements for state and local government employers that provide their employees with postemployment benefits other than pensions.

The calculation of the liability associated with the benefits described in this report was performed for the purpose of satisfying the requirements of GASB Statement Nos. 74 and 75. The Net OPEB Liability is not an appropriate measure for measuring the sufficiency of plan assets to cover the estimated cost of settling the employer's benefit obligation. The Net OPEB Liability is not an appropriate measure for assessing the need for or amount of future employer contributions. The calculation of the plan's liability for this report is not applicable for funding purposes of the plan. A calculation of the plan's liability for purposes other than satisfying the requirements of GASB Statement Nos. 74 and 75 may produce significantly different results. This report may be provided to parties other than the Huron-Clinton Metropolitan Authority Retiree Health Care Plan only in its entirety and only with the permission of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan. GRS is not responsible for unauthorized use of this report.

This report complements the actuarial valuation report prepared as of December 31, 2018, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to participant data, economic, demographic, health care trend, morbidity assumptions, and benefit provisions.

This report is based upon information, furnished to us by the Authority, concerning other postemployment benefits (OPEB), active members, deferred vested members, retirees and beneficiaries, and financial data. This information was checked for internal consistency, but it was not audited.

Based on the available data, the information contained in this report is accurate and fairly represents the actuarial position of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan as of the reporting date. All calculations have been made in conformity with generally accepted actuarial principles and practices as well as the Actuarial Standards of Practice. If you have reason to believe that the information provided in this report is inaccurate, or is in any way incomplete, or if you need further information in order to make an informed decision on the subject matter of this report, please contact the authors of the report prior to making such decision.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements; and changes in plan provisions or applicable law.

Section I of the report details the calculation of the single discount rate and is not required to be included in your financial statements. However, this information may be requested by your auditors, therefore, we have included it in this report.

In addition, Section J of this report contains some of the information necessary to complete the OPEB reporting requirements for the State of Michigan's Local Government Retirement System Annual Report (Form No. 5572). This information is not required to be included in your financial statements.

The signing actuaries are independent of the plan sponsor.

James D. Anderson and Laura Frankowiak are Members of the American Academy of Actuaries (MAAA) and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

Respectfully submitted,

James D. Anderson

James D. Anderson, FSA, EA, FCA, MAAA

Laura Frankowiak, ASA, FCA, MAAA

JDA/LF:sc

Auditor’s Note – This information is intended to assist in preparation of the financial statements of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan. Financial statements are the responsibility of management, subject to the auditor’s review. Please let us know if the auditor recommends any changes.

Table of Contents

SECTION A

EXECUTIVE SUMMARY

Executive Summary
as of December 31, 2019

	2019
Actuarial Valuation Date	December 31, 2018
Measurement Date of the Net OPEB Liability	December 31, 2019
Employer's Fiscal Year Ending Date (Reporting Date)	December 31, 2019
Membership[#@]	
Number of	
- Retirees and Beneficiaries	175
- Inactive, Nonretired Members	0
- Active Members	128
- Total	303
Covered Payroll[^]	$ 8,981,404
Net OPEB Liability	
Total OPEB Liability	$ 37,781,845
Plan Fiduciary Net Position	31,499,741
Net OPEB Liability	$ 6,282,104
Plan Fiduciary Net Position as a Percentage of Total OPEB Liability	83.37 %
Net OPEB Liability as a Percentage of Covered Payroll	69.95 %
Development of the Single Discount Rate	
Single Discount Rate	6.75 %
Long-Term Expected Rate of Investment Return	6.75 %
Long-Term Municipal Bond Rate*	2.75 %
Last year ending December 31 in the 2020 to 2119 projection period for which projected benefit payments are fully funded	2119
Total OPEB Expense	$ 443,730

Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future OPEB Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	$ 0	$ 4,229,552
Changes in assumptions	1,663,434	0
Net difference between projected and actual earnings on OPEB plan investments	1,986,204	2,187,365
Total	$ 3,649,638	$ 6,416,917

\# *As of the Actuarial Valuation Date. GRS does not have the membership counts as of December 31, 2019. Huron-Clinton Metropolitan Authority staff and auditors may decide that providing membership counts as of the valuation date is sufficient to meet GASB disclosure requirements. Alternatively, the Authority staff may decide to update the membership counts to be as of the Plan's fiscal year end.*

@ *Includes 6 active members and 20 retirees eligible for life insurance only.*

^ *Payroll separately provided by the employer.*

* *Source: Fixed-income municipal bonds with 20 years to maturity that include only federally tax-exempt municipal bonds as reported in Fidelity Index's "20-Year Municipal GO AA Index" as of December 31, 2019. In describing this index, Fidelity notes that the municipal curves are constructed using option-adjusted analytics of a diverse population of over 10,000 tax exempt securities.*

Discussion

Accounting Standard

For post-employment (OPEB) benefit plans that are administered through trusts or equivalent arrangements, Governmental Accounting Standards Board (GASB) Statement No. 74, "Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans," replaces the requirements of GASB Statement No. 43, "Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans." Similarly, GASB Statement No. 75 establishes standards for state and local government employers (as well as non-employer contributing entities) to account for and disclose net OPEB liability, OPEB expense, and other information associated with providing OPEB to their employees (and former employees) on their financial statements.

GASB Statement Nos. 74 and 75 are effective for fiscal years beginning after June 15, 2016 and June 15, 2017, respectively.

The following discussion provides a summary of the information that is required to be disclosed under these accounting standards. A number of these disclosure items are provided in this report. However, certain information, such as notes regarding accounting policies and investments, is not included in this report. As a result, the plan sponsor will be responsible for preparing and disclosing the non-actuarial information needed to comply with these accounting standards.

Financial Statements

GASB Statement No. 75 requires state and local government employers to recognize the net OPEB liability and the OPEB expense on their financial statements, along with the related deferred outflows and inflows of resources. The net OPEB liability is the difference between the total OPEB liability and the plan's fiduciary net position. In traditional actuarial terms, this is analogous to the accrued liability less the market value of assets.

GASB Statement No. 75 states the employer contributions made to the OPEB plan subsequent to the measurement date and before the end of the employer's reporting period should be reported as a deferred outflow of resources. The information contained in this report does not incorporate any employer contributions made subsequent to the measurement date of December 31, 2019.

The OPEB expense recognized each fiscal year is equal to the change in the net OPEB liability from the beginning of the year to the end of the year, adjusted for deferred recognition of the liability and investment experience.

GASB Statement No. 74 requires defined benefit OPEB plans which are administered as trusts or equivalent arrangements to present two financial statements: a statement of fiduciary net position and a statement of changes in fiduciary net position. The statement of fiduciary net position presents the assets and liabilities of the OPEB plan at the end of the OPEB plan's reporting period. The statement of changes in fiduciary net position presents the additions, such as contributions and investment income, and deductions, such as benefit payments and expense, and net increase or decrease in the fiduciary net position.

Implicit Subsidy

GASB Statements No. 75 and No. 68 are conceptually very similar in terms of the liability which is recognized on the balance sheet, the expense calculation, and the corresponding deferred outflows and inflows of resources. The main differences between the standards are related to the differences between pension and health care benefits. One particular difference is a concept referred to as the "implicit subsidy," which applies to health plans that utilize blended premiums, that has no counterpart in GASB Statement No. 68. The Huron-Clinton Metropolitan Authority Retiree Health Care Plan's health plan utilizes a "blended premium" structure for its health plan. Said another way, the overall health care premiums for active employees and non-Medicare retirees are stated in terms of a single "blended premium." The difference between the underlying retiree claims and the blended overall health care premium is referred to as an "implicit" or "hidden" subsidy. Because the underlying claims costs for a non-Medicare retiree are on average higher than the blended premium, there is a positive implicit subsidy for the non-Medicare retirees.

GASB defines the employer provided OPEB benefit as the difference between the underlying claims costs and the premium contributions made by retirees. As a result, the employer's portion of the blended health care premium is not what GASB considers the employer benefit. In order to account for the employer provided OPEB benefit as it is defined by GASB, the explicit premium subsidies need to be adjusted to reflect the implicit subsidy (the difference between the estimated retiree claims and the overall premiums).

For plans that use a blended premium structure, Illustrations B1-1 and B1-2 of Implementation Guide No. 2017-3 describe how a portion of the payments made on behalf of the active employees should be reclassified as benefit payments for retiree health care to reflect the retirees' underlying claims costs. Adjusting the explicit health care costs for active employees and retirees by the implicit subsidy estimates provided in this report is equivalent to the reclassification described in the Implementation Guide**. It is important to note that the implicit subsidy is considered an employer contribution and any employer contributions related to OPEB need to include the implicit subsidy**. This report provides the estimated implicit subsidy in Section B for the measurement period that can be used to determine the implicit subsidy for the purpose of the deferred outflow of resources related to benefit payments made after the measurement date.

To summarize, because the health plan utilizes blended premiums, the benefit payments for GASB Statement No. 75 purposes need to include an adjustment for the implicit subsidy. This adjustment reflects the underlying cost of the benefits provided to retirees, which is how GASB defines the employer's OPEB benefit/liability. This adjustment is needed for the benefits during the measurement period and also for the purpose of the deferred outflow related to the benefits paid after the measurement date.

Notes to Financial Statements

GASB Statement No. 75 requires the notes of the employer's financial statements to disclose the total OPEB expense, the OPEB plan's liabilities and assets, and deferred outflows of resources and inflows of resources related to OPEB.

GASB Statement Nos. 74 and 75 require the notes of the financial statements for employers and OPEB plans to include certain additional information. The list of disclosure items should include:

- the name of the OPEB plan, the administrator of the OPEB plan, and the identification of whether the OPEB plan is a single-employer, agent, or cost-sharing OPEB plan;
- a description of the benefits provided by the plan;
- a brief description of changes in benefit terms or assumptions that affected the measurement of the total OPEB liability since the prior measurement date;
- the number of plan members by category and if the plan is closed;
- a description of the plan's funding policy, which includes member and employer contribution requirements;
- the OPEB plan's investment policies;
- the OPEB plan's fiduciary net position and the net OPEB liability;
- the net OPEB liability using +/- 1% on the discount rate;
- the net OPEB liability using +/- 1% on the healthcare trend rate;
- significant assumptions and methods used to calculate the total OPEB liability;
- inputs to the discount rates; and
- certain information about mortality assumptions and the dates of experience studies.

OPEB plans that are administered through trusts or equivalent arrangements are required to disclose additional information in accordance with GASB Statement No. 74. This information includes:

- the composition of the OPEB plan's Board and the authority under which benefit terms may be amended;
- a description of how fair value is determined;
- information regarding certain reserves and investments, which include concentrations of investments greater than or equal to 5%, receivables, and insurance contracts excluded from plan assets; and
- annual money-weighted rate of return.

Required Supplementary Information

GASB Statement No. 74 requires a 10-year fiscal history of:

- sources of changes in the net OPEB liability.
- information about the components of the net OPEB liability and related ratios, including the OPEB plan's fiduciary net position as a percentage of the total OPEB liability, and the net OPEB liability as a percent of covered-employee payroll.
- comparison of the actual employer contributions to the actuarially determined contributions based on the plan's funding policy.
- for plans with an actuarially determined contribution, the schedule covering each of the 10 most recent fiscal years of the actuarially determined contribution, contributions to the OPEB plan and related ratios.

Frequency and Timing of the Actuarial Valuation

An actuarial valuation to determine the total OPEB liability is required to be performed at least every two years. For the employer's financial reporting purposes, the net OPEB liability and OPEB expense should be measured as of the employer's "measurement date," which may not be earlier than the employer's prior fiscal year end-date. If the actuarial valuation used to determine the total OPEB liability is not calculated as of the measurement date, the total OPEB liability is required to be rolled forward from the actuarial valuation date to the measurement date.

The total OPEB liability shown in this report is based on an actuarial valuation performed as of December 31, 2018 and a measurement date of December 31, 2019.

Single Discount Rate

Projected benefit payments are required to be discounted to their actuarial present values using a Single Discount Rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits), and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on OPEB plan investments is 6.75%; the municipal bond rate is 2.75% (based on the daily rate closest to but not later than the measurement date of the Fidelity "20-Year Municipal GO AA Index"); and the resulting Single Discount Rate is 6.75%.

Actuarial Assumptions

The actuarial assumptions used to value the liabilities are outlined in detail in Section H. The assumptions include details on the healthcare trend assumption, the aging factors, as well as the cost method used to develop the OPEB expense. Certain actuarial assumptions were based upon the result of an experience study dated September 28, 2016.

Future Uncertainty or Risk

Future results may differ from those anticipated in this valuation. Reasons include, but are not limited to:

- Actual medical trend differing from expected;
- Changes in the healthcare plan designs offered to active and retired members; and
- Participant behavior differing from expected, e.g.,
    - Elections at retirement;
    - One-person versus two-person coverage elections; and
    - Time of retirement or termination.

Benefits Valued

The benefit provisions that were valued are described in Section E. The valuation is required to be performed on the current benefit terms and existing legal agreements. Consideration is to be given to the written plan document as well as other communications between the employer and plan members and an established pattern of practice for cost sharing. The summary of major plan provisions is designed to outline principal plan benefits. If the plan summary is not in accordance with the actual provisions, please alert the actuaries immediately, so they can both be sure the proper provisions are valued.

SECTION B

FINANCIAL STATEMENTS

Auditor's Note – This information is intended to assist in preparation of the financial statements of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan. Financial statements are the responsibility of management, subject to the auditor's review. Please let us know if the auditor recommends any changes.

Statement of OPEB Expense under GASB Statement No. 75
Fiscal Year Ended December 31, 2019

A. Expense

1. Service Cost	$	411,122
2. Interest on the Total OPEB Liability		2,643,627
3. Current-Period Benefit Changes		0
4. Employee Contributions (made negative for addition here)		0
5. Projected Earnings on Plan Investments (made negative for addition here)		(1,832,660)
6. OPEB Plan Administrative Expense		122,383
7. Other Changes in Plan Fiduciary Net Position		0
8. Recognition of Outflow (Inflow) of Resources due to Liabilities		(1,015,969)
9. Recognition of Outflow (Inflow) of Resources due to Assets		115,227
10. Total OPEB Expense	**$**	**443,730**

Recognition of Deferred Outflows and Inflows of Resources

Differences between expected and actual experience and changes in assumptions are recognized in OPEB expense using a systematic and rational method over a closed period equal to the average of the expected remaining service lives of all employees that are provided with OPEB through the OPEB plan (active employees and inactive employees) determined as of the beginning of the measurement period.

At the beginning of the current measurement period, the expected remaining service lives of all active employees in the plan was approximately 1,072 years. Additionally, the total plan membership (active employees and inactive employees) was 303 as of the valuation date. As a result, the average of the expected remaining service lives for purposes of recognizing the applicable deferred outflows and inflows of resources established in the current measurement period is 3.5382 years.

Additionally, differences between projected and actual earnings on OPEB plan investments should be recognized in OPEB expense using a systematic and rational method over a closed five-year period. For this purpose, the deferred outflows and inflows of resources are recognized in the OPEB expense as a level dollar amount over the closed period identified above.

Statement of Outflows and Inflows
Arising from Current Reporting Period
Fiscal Year Ended December 31, 2019

A. Outflows (Inflows) of Resources due to Liabilities

1. Difference between expected and actual experience of the Total OPEB Liability (gains) or losses	$	(5,767,513)
2. Assumption Changes (gains) or losses	$	2,318,794
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}		3.5382
4. Outflow (Inflow) of Resources to be recognized in the current OPEB expense for the difference between expected and actual experience of the Total OPEB Liability	$	(1,630,070)
5. Outflow (Inflow) of Resources to be recognized in the current OPEB expense for assumption changes	$	655,360
6. Outflow (Inflow) of Resources to be recognized in the current OPEB expense due to Liabilities	$	(974,710)
7. Deferred Outflow (Inflow) of Resources to be recognized in future OPEB expenses for the difference between expected and actual experience of the Total OPEB Liability	$	(4,137,443)
8. Deferred Outflow (Inflow) of Resources to be recognized in future OPEB expenses for assumption changes	$	1,663,434
9. Deferred Outflow (Inflow) of Resources to be recognized in future OPEB expenses due to Liabilities	$	(2,474,009)

B. Outflows (Inflows) of Resources due to Assets

1. Net difference between projected and actual earnings on OPEB plan investments (gains) or losses	$	(2,734,206)
2. Recognition period for Assets {in years}		5.0000
3. Outflow (Inflow) of Resources to be recognized in the current OPEB expense due to Assets	$	(546,841)
4. Deferred Outflow (Inflow) of Resources to be recognized in future OPEB expenses due to Assets	$	(2,187,365)

Statement of Outflows and Inflows Arising from Current and Prior Reporting Periods Fiscal Year Ended December 31, 2019

A. Outflows and Inflows of Resources by Source to be Recognized in Current OPEB Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	$ 0	$ 1,671,329	$ (1,671,329)
2. Assumption changes	655,360	0	655,360
3. Net difference between projected and actual earnings on OPEB plan investments	662,068	546,841	115,227
4. Total	$ 1,317,428	$ 2,218,170	$ (900,742)

B. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future OPEB Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	$ 0	$ 4,229,552	$ (4,229,552)
2. Assumption changes	1,663,434	0	1,663,434
3. Net difference between projected and actual earnings on OPEB plan investments	1,986,204	2,187,365	(201,161)
4. Total	$ 3,649,638	$ 6,416,917	$ (2,767,279)

C. Deferred Outflows and Deferred Inflows of Resources by Year to be Recognized in Future OPEB Expenses

Year Ending December 31	Net Deferred Outflows of Resources
2020	$ (900,742)
2021	(900,742)
2022	(418,953)
2023	(546,842)
2024	0
Thereafter	0
Total	$ (2,767,279)

Employer contributions that were made subsequent to the measurement date of the net OPEB liability and prior to the end of the employer's reporting period should be reported by the employer as a deferred outflow of resources related to OPEB. The information contained in this report does not incorporate any contributions made subsequent to the measurement date.

See paragraph 44 of GASB 75 for single and agent employers with trusted plans.

Also, Question 4.32 of Implementation Guide No. 2017-1 provides additional guidance for trusted plans.

Recognition of Deferred Outflows and Inflows of Resources
Fiscal Year Ended December 31, 2019

Year Established	Initial Amount	Initial Recognition Period	Current Year Recognition	Remaining Recognition	Remaining Recognition Period
Deferred Outflow (Inflow) Due to Differences Between Expected and Actual Experience on Liabilities					
2018	$ (174,627)	4.2325	$ (41,259)	$ (92,109)	2.2325
2019	(5,767,513)	3.5382	(1,630,070)	(4,137,443)	2.5382
Total			**$ (1,671,329)**	**$ (4,229,552)**	
Deferred Outflow (Inflow) Due to Assumption Changes					
2018	$ 0	4.2325	$ 0	$ 0	2.2325
2019	2,318,794	3.5382	655,360	1,663,434	2.5382
Total			**$ 655,360**	**$ 1,663,434**	
Deferred Outflow (Inflow) Due to Differences Between Projected and Actual Earnings on Plan Investments					
2018	$ 3,310,340	5.0000	$ 662,068	$ 1,986,204	3.0000
2019	(2,734,206)	5.0000	(546,841)	(2,187,365)	4.0000
Total			**$ 115,227**	**$ (201,161)**	

Statement of Fiduciary Net Position
as of December 31, 2019

		2019
Assets		
Cash and Deposits	$	0
Receivables		
Accounts Receivable - Sale of Investments	$	0
Accrued Interest and Other Dividends	$	28,211
Contributions	$	0
Accounts Receivable - Other	$	0
Total Receivables	$	28,211
Investments		
Fixed Income	$	14,842,914
Domestic Equities	$	8,794,947
International Equities	$	6,872,709
Real Estate	$	991,960
Other - Prepaid Expenses	$	0
Total Investments	$	31,502,530
Total Assets	$	31,530,741
Liabilities		
Payables		
Accounts Payable - Purchase of Investments	$	0
Accrued Expenses	$	31,000
Accounts Payable - Other	$	0
Total Liabilities	$	31,000
Net Position Restricted for OPEB	$	31,499,741

Statement of Changes in Fiduciary Net Position for Year Ended December 31, 2019

		2019
Additions		
Contributions		
Employer#	$	1,254,016
Nonemployer contributing entities		0
Active Employees		0
Other		0
Total Contributions	$	1,254,016
Investment Income		
Net Appreciation in Fair Value of Investments	$	3,770,103
Interest and Dividends		796,763
Less Investment Expense		0
Net Investment Income	$	4,566,866
Other	$	0
Total Additions	$	5,820,882
Deductions		
Benefit Payments#	$	1,566,933
OPEB Plan Administrative Expense		122,383
Other		0
Total Deductions	$	1,689,316
Net Increase in Net Position	$	4,131,566
Net Position Restricted for OPEB		
Beginning of Year	$	27,368,175
End of Year	$	31,499,741

 # Includes an adjustment for any implicit rate subsidy present in the pre-65 rates. See page 13 for more detail.

SECTION C

REQUIRED SUPPLEMENTARY INFORMATION

Auditor's Note – This information is intended to assist in preparation of the financial statements of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan. Financial statements are the responsibility of management, subject to the auditor's review. Please let us know if the auditor recommends any changes.

Schedule of Changes in Net OPEB Liability and Related Ratios
Current Reporting Period
Fiscal Year Ended December 31, 2019

A. Total OPEB liability		
1. Service cost	$	411,122
2. Interest on the total OPEB liability		2,643,627
3. Changes of benefit terms		0
4. Difference between expected and actual experience of the total OPEB liability		(5,767,513)
5. Changes of assumptions		2,318,794
6. Benefit payments, including refunds of employee contributions#		(1,566,933)
7. Net change in total OPEB liability		(1,960,903)
8. Total OPEB liability – beginning		39,742,748
9. Total OPEB liability – ending	$	37,781,845
B. Plan fiduciary net position		
1. Contributions – employer#	$	1,254,016
2. Contributions – nonemployer contributing entities		0
3. Contributions – employee		0
4. Net investment income		4,566,866
5. Benefit payments, including refunds of employee contributions#		(1,566,933)
6. OPEB plan administrative expense		(122,383)
7. Other		0
8. Net change in plan fiduciary net position		4,131,566
9. Plan fiduciary net position – beginning		27,368,175
10. Plan fiduciary net position – ending	$	31,499,741
C. Net OPEB liability	$	6,282,104
D. Plan fiduciary net position as a percentage of the total OPEB liability		83.37 %
E. Covered-employee payroll^	$	8,981,404
F. Net OPEB liability as a percentage of covered-employee payroll		69.95 %

The benefit payments during the measurement period were determined as follows:

a.	Explicit Benefit Payments	$1,412,917	(provided separately by the employer)
b.	Implicit Benefit Payments	154,016	
c.	Total Benefit Payments#	$1,566,933	

 # Includes an adjustment for any implicit rate subsidy present in the pre-65 rates.
^ Payroll separately provided by the employer.

Schedules of Required Supplementary Information
Schedule of Changes in Net OPEB Liability and Related Ratios Multiyear

Fiscal year ending December 31,	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Total OPEB liability										
Service cost	$ 411,122	$ 479,878	$ 458,291							
Interest on the total OPEB liability	2,643,627	2,564,158	2,446,452							
Changes of benefit terms	0	0	623,336							
Difference between expected and actual experience	(5,767,513)	(174,627)	(116,301)							
Changes of assumptions	2,318,794	0	0							
Benefit payments, including refunds of employee contributions#	(1,566,933)	(1,748,487)	(1,609,094)							
Net change in total OPEB liability	(1,960,903)	1,120,922	1,802,684							
Total OPEB liability - beginning	39,742,748	38,621,826	36,819,142							
Total OPEB liability - ending (a)	$ 37,781,845	$ 39,742,748	$ 38,621,826							
Plan fiduciary net position										
Employer contributions#	$ 1,254,016	$ 1,692,133	$ 2,149,330							
Nonemployer contributing entities contributions	0	0	0							
Employee contributions	0	0	420							
OPEB plan net investment income	4,566,866	(1,364,828)	3,480,640							
Benefit payments, including refunds# of employee contributions	(1,566,933)	(1,748,487)	(1,609,094)							
OPEB plan administrative expense	(122,383)	(122,450)	(101,359)							
Other	0	0	0							
Net change in plan fiduciary net position	4,131,566	(1,543,632)	3,919,937							
Plan fiduciary net position - beginning	27,368,175	28,911,807	24,991,870							
Plan fiduciary net position - ending (b)	$ 31,499,741	$ 27,368,175	$ 28,911,807							
Net OPEB liability - ending (a) - (b)	$ 6,282,104	$ 12,374,573	$ 9,710,019							
Plan fiduciary net position as a percentage of total OPEB liability	83.37 %	68.86 %	74.86 %							
Covered-employee payroll^	$ 8,981,404	$ 9,013,973	$ 8,866,219							
Net OPEB liability as a percentage of covered-employee payroll	69.95 %	137.28 %	109.52 %							

\# *Includes an adjustment for any implicit rate subsidy present in the pre-65 rates.*
^ *Payroll separately provided by the employer.*

Schedules of Required Supplementary Information
Schedule of the Net OPEB Liability Multiyear

FY Ending December 31,	Total OPEB Liability	Plan Net Position	Net OPEB Liability	Plan Net Position as a % of Total OPEB Liability	Covered Payroll^	Net OPEB Liability as a % of Covered Payroll
2010						
2011						
2012						
2013						
2014						
2015						
2016						
2017	$ 38,621,826	$ 28,911,807	$ 9,710,019	74.86 %	$ 8,866,219	109.52 %
2018	39,742,748	27,368,175	12,374,573	68.86 %	9,013,973	137.28 %
2019	37,781,845	31,499,741	6,282,104	83.37 %	8,981,404	69.95 %

^ *Payroll separately provided by the employer.*

Schedule of Contributions Multiyear

FY Ending December 31,	Actuarially Determined Contribution	Actual Contribution#	Contribution Deficiency (Excess)	Covered Payroll^	Actual Contribution as a % of Covered Payroll
2010					
2011					
2012					
2013					
2014					
2015					
2016					
2017	$ 1,415,660	$ 2,149,330	$ (733,670)	$ 8,866,219	24.24 %
2018	1,395,565	1,692,133	(296,568)	9,013,973	18.77 %
2019	1,086,078	1,254,016	(167,938)	8,981,404	13.96 %

 # Includes an adjustment for any implicit rate subsidy present in the pre-65 rates.
^ Payroll separately provided by the employer.

Notes to Schedule of Contributions

Methods and Assumptions Used to Determine Contribution Amounts for the Fiscal Year Ending December 31, 2019*:

Actuarial Cost Method	Entry-Age Normal
Amortization Method	Level Dollar
Remaining Amortization Period	22.75 years, Closed
Asset Valuation Method	5-Year Smoothed Market
Wage Inflation	3.50%
Salary Increases	3.69% to 7.25%, including wage inflation
Investment Rate of Return	6.75%, net of OPEB plan expenses
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition.
Mortality	RP-2014 Generational Mortality Table for males and females, extended via cubic spline. This table is adjusted backwards to 2006 with the MP-2014 scale, resulting in a base year of 2006 with future mortality improvements assumed each year using scale MP-2015.
Health Care Trend Rates	Initial trend of 8.25%, gradually decreasing to an ultimate trend rate of 3.50% in year 11.
Excise Tax	No load was applied in connection with the "Cadillac" tax.
Aging Factors	Based on the 2013 SOA Study "Health Care Costs - From Birth to Death"

Other Information:

Notes	There were no new benefit changes reported during the year. The summary of benefit provisions is consistent with the summary of benefits from the December 31, 2018 GASB Statement Nos. 74 and 75 report.

* *Based on valuation assumptions used in the December 31, 2018 actuarial valuation.*

Schedule of Investment Returns Multiyear

FY Ending December 31,	Annual Return[1]
2010	
2011	
2012	
2013	
2014	
2015	
2016	
2017	13.31 %
2018	(5.16)%
2019	16.85 %

[1] *Annual money-weighted rate of return, net of investment expenses.*

SECTION D

NOTES TO FINANCIAL STATEMENTS

Auditor's Note – This information is intended to assist in preparation of the financial statements of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan. Financial statements are the responsibility of management, subject to the auditor's review. Please let us know if the auditor recommends any changes.

Long-Term Expected Return on Plan Assets

The long-term expected rate of return on OPEB plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of OPEB plan investment expense and inflation) are developed for each major asset class. These real rates of return are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. For each major asset class that is included in the OPEB plan's target asset allocation as of December 31, 2019, these best estimates of returns are summarized in the following table:

Asset Allocation

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return*
U.S. Large Cap Index	15.00 %	8.00 %
U.S. Small/Mid Cap Equity Index	6.00 %	8.00 %
World Equity ex-U.S.	19.00 %	9.32 %
Emerging Markets Equity	2.00 %	9.67 %
Core Fixed Income	22.00 %	6.54 %
Limited Duration Bonds	14.00 %	5.65 %
U.S. High Yield	2.00 %	7.82 %
Emerging Markets Debt	4.00 %	8.75 %
Diversified Short Term Fixed Income	4.00 %	5.52 %
Dynamic Asset Allocation	6.00 %	10.32 %
Mutli-Asset	3.00 %	6.46 %
Private Real Estate	3.00 %	7.30 %
Total	100.00 %	

** The rates of return shown above were provided by the Retirement Plan's investment manager and are based upon the investment manager's inflation assumption of 2.5%.*

Gabriel, Roeder, Smith & Company does not provide investment advice.

Single Discount Rate

A Single Discount Rate of 6.75% was used to measure the total OPEB liability. This Single Discount Rate was based on the expected rate of return on OPEB plan investments of 6.75%. The projection of cash flows used to determine this Single Discount Rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the OPEB plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

Summary of Membership Information[#@]

The following table provides a summary of the number of participants in the plan:

Inactive Plan Members or Beneficiaries Currently Receiving Benefits	175
Inactive Plan Members Entitled to But Not Yet Receiving Benefits	-
Active Plan Members	128
Total Plan Members	303

[#] *As of the Actuarial Valuation Date. GRS does not have the membership counts as of December 31, 2019. Huron-Clinton Metropolitan Authority staff and auditors may decide that providing membership counts as of the valuation date is sufficient to meet the GASB disclosure requirements. Alternatively, the Authority Staff may decide to update the membership counts to be as of the Plan's fiscal year end.*

[@] *Includes 6 active members and 20 retirees eligible for life insurance only.*

Sensitivity of Net OPEB Liability

Regarding the sensitivity of the net OPEB liability to changes in the Single Discount Rate, the following presents the plan's net OPEB liability, calculated using a Single Discount Rate of 6.75%, as well as what the plan's net OPEB liability would be if it were calculated using a Single Discount Rate that is one percent lower or one percent higher:

Sensitivity of Net OPEB Liability to the Single Discount Rate Assumption

1% Decrease 5.75%	Current Single Discount Rate Assumption 6.75%	1% Increase 7.75%
$ 11,083,745	$ 6,282,104	$ 2,292,708

Regarding the sensitivity of the net OPEB liability to changes in the healthcare cost trend rates, the following presents the plan's net OPEB liability, calculated using the assumed trend rates as well as what the plan's net OPEB liability would be if it were calculated using a trend rate that is one percent lower or one percent higher:

Sensitivity of Net OPEB Liability to the Healthcare Cost Trend Rate Assumption

1% Decrease	Current Healthcare Cost Trend Rate Assumption	1% Increase
$ 2,208,472	$ 6,282,104	$ 11,026,163

SECTION E

SUMMARY OF BENEFITS

Summary of Benefits

This report complements the actuarial valuation report prepared as of December 31, 2018, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to benefit provisions.

SECTION F

DEVELOPMENT OF BASELINE CLAIMS COSTS

Development of Baseline Claims Costs

This report complements the actuarial valuation report prepared as of December 31, 2018, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to baseline claims costs.

SECTION G

SUMMARY OF PARTICIPANT DATA

Summary of Participant Data

This report complements the actuarial valuation report prepared as of December 31, 2018, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to participant data.

SECTION H

VALUATION METHODS AND ACTUARIAL ASSUMPTIONS

Valuation Methods and Actuarial Assumptions

This report complements the actuarial valuation report prepared as of December 31, 2018, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to valuation methods and actuarial assumptions.

On December 20, 2019, the “Further Consolidated Appropriations Act of 2020,” H.R. 1865, was signed into law. The Act repeals the “Cadillac tax” which was a tax provision from the Affordable Care Act (ACA). As a result, any liability/provision analysis included as part of the prior funding valuation is no longer required. In addition, no further adjustments associated with the “Cadillac tax” are required. The repeal of the “Cadillac tax” does not have an impact on Total OPEB Liabilities shown in this report because no load was applied as part of the December 31, 2018 funding valuation.

Miscellaneous and Technical Assumptions

This report complements the actuarial valuation report prepared as of December 31, 2018, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to miscellaneous and technical assumptions.

Experience Studies	Certain actuarial assumptions were based upon the results of an experience study dated September 28, 2016. The tables used to model the impact of aging on claims utilization were developed by the Society of Actuaries in 2013. The other OPEB specific assumptions (health care trend, plan elections, etc.) are reviewed during each OPEB valuation and updated as needed.
Roll Forward Disclosure	The total OPEB liability shown in this report is based on an actuarial valuation performed as of December 31, 2018 and a measurement date of December 31, 2019. The roll-forward procedure increases the December 31, 2018 actuarial accrued liability with normal cost and interest and decreases it with expected benefit payments.

SECTION I

CALCULATION OF THE SINGLE DISCOUNT RATE

Calculation of the Single Discount Rate

GASB Statement Nos. 74 and 75 include a specific requirement for the discount rate that is used for the purpose of the measurement of the Total OPEB Liability. This rate considers the ability of the fund to meet benefit obligations in the future. To make this determination, employer contributions, employee contributions, benefit payments, expenses and investment returns are projected into the future. The Plan Net Position (assets) in future years can then be determined and compared to its obligation to make benefit payments in those years. As long as assets are projected to be on hand in a future year, the assumed valuation discount rate is used. In years where assets are not projected to be sufficient to meet benefit payments, the use of a municipal bond rate is required, as described in the following paragraph.

The Single Discount Rate (SDR) is equivalent to applying these two rates to the benefits that are projected to be paid during the different time periods. The SDR reflects (1) the long-term expected rate of return on OPEB plan investments (during the period in which the fiduciary net position is projected to be sufficient to pay benefits) and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on OPEB plan investments is 6.75%; the municipal bond rate is 2.75%; and the resulting Single Discount Rate is 6.75%.

The tables in this section provide background for the development of the Single Discount Rate.

The **Projection of Contributions** table shows the development of expected contributions in future years. Normal Cost contributions for future hires are not included (nor are their liabilities).

The **Projection of Plan Fiduciary Net Position** table shows the development of expected asset levels in future years.

The **Present Values of Projected Benefit Payments** table shows the development of the Single Discount Rate (SDR). It breaks down the benefit payments into present values for funded and unfunded portions and shows the equivalent total at the SDR.

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan. There may be cases when schedules do not add or where they do not exactly balance to other related schedules due to rounding.

The projection of cash flows used to determine this Single Discount Rate assumed the following:

- The Authority will continue their current contribution policy. Namely, it is assumed that the Authority is willing and able to contribute the full amount of the Actuarially Determined Contribution; and
- Contributions and benefit payments occur halfway through the year.

Single Discount Rate Development
Projection of Contributions

Year	Projected Contributions from Current Employees	Projected Service Cost and Expense Contributions	Projected UAL Contributions	Projected Total Contributions
1	$ 0	$ 420,296	$ 640,478	$ 1,060,774
2	0	394,328	571,017	965,345
3	0	368,018	555,718	923,736
4	0	342,614	522,334	864,947
5	0	317,213	522,334	839,547
6	0	293,849	522,334	816,183
7	0	272,361	522,334	794,695
8	0	250,496	522,334	772,830
9	0	228,432	522,334	750,766
10	0	207,923	522,334	730,256
11	0	188,135	522,334	710,469
12	0	167,829	522,334	690,163
13	0	147,062	522,334	669,395
14	0	126,942	522,334	649,276
15	0	108,466	522,334	630,800
16	0	91,763	522,334	614,097
17	0	75,856	522,334	598,190
18	0	61,498	522,334	583,832
19	0	49,255	522,334	571,588
20	0	38,520	522,334	560,854
21	0	29,385	522,334	551,719
22	0	21,652	522,334	543,986
23	0	15,597	0	15,597
24	0	11,002	0	11,002
25	0	7,550	0	7,550
26	0	5,076	0	5,076
27	0	3,282	0	3,282
28	0	2,103	0	2,103
29	0	1,346	0	1,346
30	0	784	0	784
31	0	424	0	424
32	0	182	0	182
33	0	78	0	78
34	0	27	0	27
35	0	0	0	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	0	0	0

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

Single Discount Rate Development
Projection of Plan Net Position

Year	Projected Beginning Plan Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Investment Earnings at 6.75%	Projected Ending Plan Net Position
	(a)	(b)	(c)	(d)	(e)=(a)+(b)-(c)+(d)
1	$ 31,499,741	$ 1,060,774	$ 1,911,700	$ 2,097,983	$ 32,746,798
2	32,746,798	965,345	2,065,868	2,173,873	33,820,148
3	33,820,148	923,736	2,207,519	2,240,240	34,776,605
4	34,776,605	864,947	2,347,797	2,298,192	35,591,947
5	35,591,947	839,547	2,443,273	2,349,214	36,337,435
6	36,337,435	816,183	2,575,302	2,394,376	36,972,692
7	36,972,692	794,695	2,685,685	2,432,878	37,514,580
8	37,514,580	772,830	2,736,281	2,467,050	38,018,179
9	38,018,179	750,766	2,836,296	2,496,990	38,429,639
10	38,429,639	730,256	2,925,227	2,521,130	38,755,799
11	38,755,799	710,469	3,008,290	2,539,731	38,997,709
12	38,997,709	690,163	3,114,355	2,551,865	39,125,382
13	39,125,382	669,395	3,233,229	2,555,847	39,117,395
14	39,117,395	649,276	3,335,194	2,551,255	38,982,732
15	38,982,732	630,800	3,389,910	2,539,735	38,763,357
16	38,763,357	614,097	3,464,458	2,521,898	38,434,894
17	38,434,894	598,190	3,509,548	2,497,701	38,021,237
18	38,021,237	583,832	3,513,692	2,469,165	37,560,542
19	37,560,542	571,588	3,518,582	2,437,500	37,051,048
20	37,051,048	560,854	3,505,562	2,403,185	36,509,524
21	36,509,524	551,719	3,496,150	2,366,641	35,931,734
22	35,931,734	543,986	3,476,448	2,328,037	35,327,310
23	35,327,310	15,597	3,421,410	2,271,524	34,193,020
24	34,193,020	11,002	3,372,684	2,196,425	33,027,763
25	33,027,763	7,550	3,335,331	2,118,895	31,818,877
26	31,818,877	5,076	3,281,262	2,039,008	30,581,700
27	30,581,700	3,282	3,215,832	1,957,612	29,326,761
28	29,326,761	2,103	3,151,704	1,874,993	28,052,152
29	28,052,152	1,346	3,088,966	1,791,015	26,755,547
30	26,755,547	784	3,012,240	1,706,022	25,450,114
31	25,450,114	424	2,932,944	1,620,526	24,138,120
32	24,138,120	182	2,844,659	1,534,890	22,828,533
33	22,828,533	78	2,747,253	1,449,723	21,531,081
34	21,531,081	27	2,655,154	1,365,201	20,241,155
35	20,241,155	0	2,553,055	1,281,519	18,969,619
36	18,969,619	0	2,445,977	1,199,246	17,722,888
37	17,722,888	0	2,340,458	1,118,594	16,501,024
38	16,501,024	0	2,231,960	1,039,721	15,308,785
39	15,308,785	0	2,121,289	962,919	14,150,415
40	14,150,415	0	2,009,075	888,454	13,029,793
41	13,029,793	0	1,896,042	816,565	11,950,316
42	11,950,316	0	1,783,806	747,426	10,913,936
43	10,913,936	0	1,672,009	681,182	9,923,109
44	9,923,109	0	1,561,309	617,976	8,979,775
45	8,979,775	0	1,452,223	557,923	8,085,475
46	8,085,475	0	1,344,665	501,128	7,241,938
47	7,241,938	0	1,239,149	447,692	6,450,481
48	6,450,481	0	1,136,103	397,690	5,712,068
49	5,712,068	0	1,035,974	351,171	5,027,265
50	5,027,265	0	938,826	308,172	4,396,612

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

Single Discount Rate Development
Projection of Plan Net Position (Concluded)

Year	Projected Beginning Plan Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Investment Earnings at 6.75%	Projected Ending Plan Net Position
	(a)	(b)	(c)	(d)	(e)=(a)+(b)-(c)+(d)
51	$ 4,396,612	$ 0	$ 845,456	$ 268,703	$ 3,819,860
52	3,819,860	0	756,631	232,721	3,295,950
53	3,295,950	0	672,427	200,153	2,823,675
54	2,823,675	0	593,248	170,903	2,401,330
55	2,401,330	0	519,332	144,849	2,026,847
56	2,026,847	0	451,182	121,833	1,697,498
57	1,697,498	0	389,143	101,662	1,410,017
58	1,410,017	0	332,756	84,129	1,161,390
59	1,161,390	0	281,912	69,035	948,512
60	948,512	0	236,841	56,162	767,833
61	767,833	0	197,290	45,279	615,822
62	615,822	0	162,745	36,165	489,241
63	489,241	0	132,834	28,614	385,021
64	385,021	0	107,353	22,425	300,093
65	300,093	0	85,943	17,403	231,554
66	231,554	0	68,105	13,369	176,818
67	176,818	0	53,446	10,161	133,533
68	133,533	0	41,413	7,639	99,758
69	99,758	0	31,766	5,679	73,671
70	73,671	0	24,167	4,170	53,674
71	53,674	0	18,160	3,020	38,534
72	38,534	0	13,464	2,154	27,224
73	27,224	0	9,833	1,511	18,902
74	18,902	0	7,064	1,041	12,879
75	12,879	0	4,986	704	8,597
76	8,597	0	3,452	466	5,611
77	5,611	0	2,338	301	3,574
78	3,574	0	1,544	190	2,220
79	2,220	0	994	117	1,343
80	1,343	0	624	70	790
81	790	0	380	41	450
82	450	0	224	23	249
83	249	0	128	13	134
84	134	0	71	7	70
85	70	0	38	3	35
86	35	0	20	2	17
87	17	0	10	1	7
88	7	0	5	0	3
89	3	0	2	0	1
90	1	0	1	0	0
91	0	0	0	0	0
92	0	0	0	0	0
93	0	0	0	0	0
94	0	0	0	0	0
95	0	0	0	0	0
96	0	0	0	0	0
97	0	0	0	0	0
98	0	0	0	0	0
99	0	0	0	0	0
100	0	0	0	0	0

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

Single Discount Rate Development
Present Values of Projected Benefits

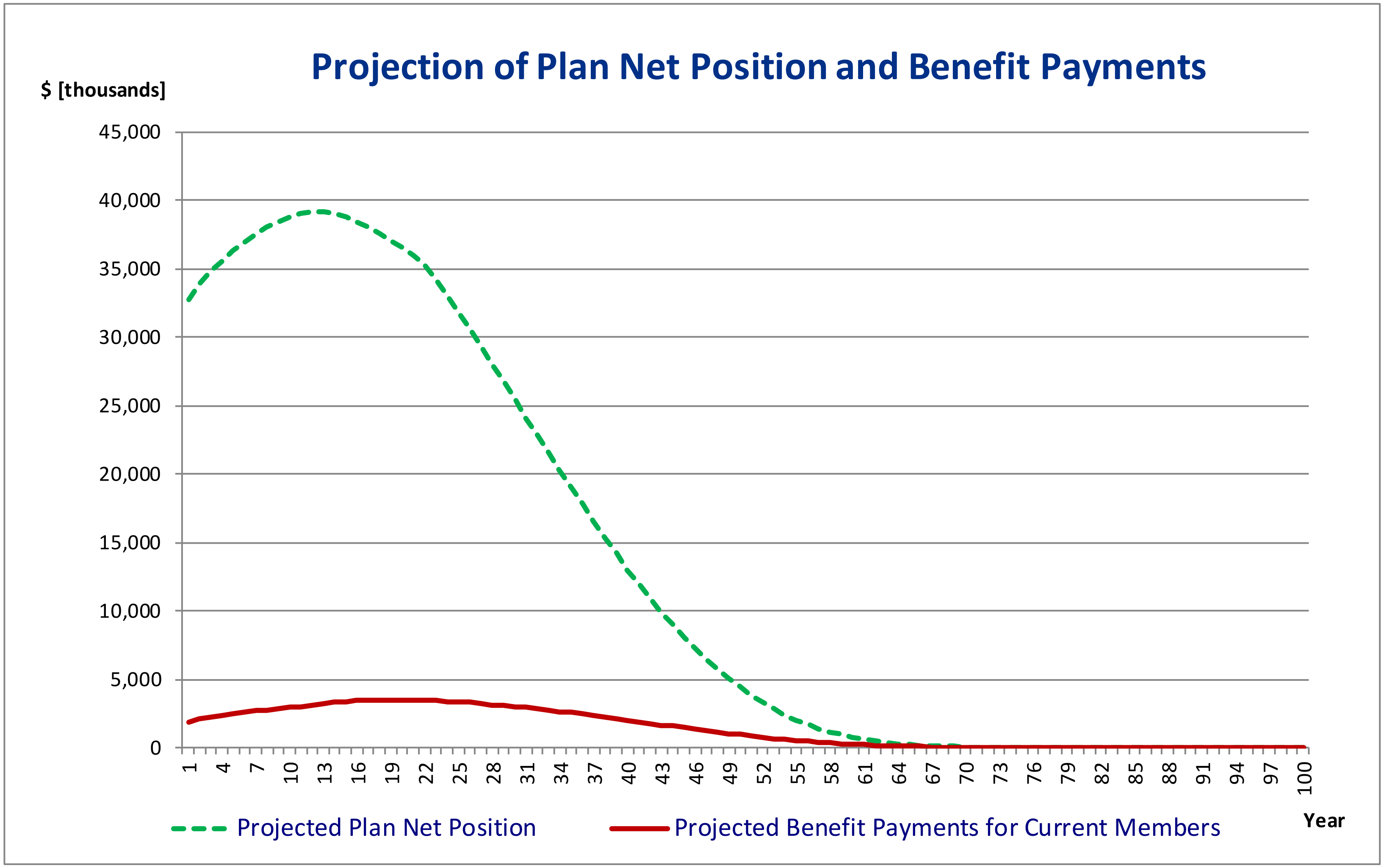
Year	Projected Beginning Plan Net Position	Projected Benefit Payments	Funded Portion of Projected Benefit Payments	Unfunded Portion of Projected Benefit Payments	Present Value of Funded Benefit Payments using Expected Return Rate (v)	Present Value of Unfunded Benefit Payments using Municipal Bond Rate (vf)	Present Value of All Benefit Payments using Single Discount Rate (SDR)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v^((a)-.5)	(g)=(e)*vf ^((a)-.5)	(h)=(c)/(1+SDR)^(a-.5)
1	$ 31,499,741	$ 1,911,700	$ 1,911,700	$ 0	$ 1,850,273	$ 0	$ 1,850,273
2	32,746,798	2,065,868	2,065,868	0	1,873,056	0	1,873,056
3	33,820,148	2,207,519	2,207,519	0	1,874,929	0	1,874,929
4	34,776,605	2,347,797	2,347,797	0	1,867,983	0	1,867,983
5	35,591,947	2,443,273	2,443,273	0	1,821,028	0	1,821,028
6	36,337,435	2,575,302	2,575,302	0	1,798,063	0	1,798,063
7	36,972,692	2,685,685	2,685,685	0	1,756,563	0	1,756,563
8	37,514,580	2,736,281	2,736,281	0	1,676,492	0	1,676,492
9	38,018,179	2,836,296	2,836,296	0	1,627,888	0	1,627,888
10	38,429,639	2,925,227	2,925,227	0	1,572,768	0	1,572,768
11	38,755,799	3,008,290	3,008,290	0	1,515,155	0	1,515,155
12	38,997,709	3,114,355	3,114,355	0	1,469,391	0	1,469,391
13	39,125,382	3,233,229	3,233,229	0	1,429,019	0	1,429,019
14	39,117,395	3,335,194	3,335,194	0	1,380,876	0	1,380,876
15	38,982,732	3,389,910	3,389,910	0	1,314,782	0	1,314,782
16	38,763,357	3,464,458	3,464,458	0	1,258,732	0	1,258,732
17	38,434,894	3,509,548	3,509,548	0	1,194,486	0	1,194,486
18	38,021,237	3,513,692	3,513,692	0	1,120,278	0	1,120,278
19	37,560,542	3,518,582	3,518,582	0	1,050,901	0	1,050,901
20	37,051,048	3,505,562	3,505,562	0	980,808	0	980,808
21	36,509,524	3,496,150	3,496,150	0	916,323	0	916,323
22	35,931,734	3,476,448	3,476,448	0	853,545	0	853,545
23	35,327,310	3,421,410	3,421,410	0	786,915	0	786,915
24	34,193,020	3,372,684	3,372,684	0	726,659	0	726,659
25	33,027,763	3,335,331	3,335,331	0	673,172	0	673,172
26	31,818,877	3,281,262	3,281,262	0	620,383	0	620,383
27	30,581,700	3,215,832	3,215,832	0	569,566	0	569,566
28	29,326,761	3,151,704	3,151,704	0	522,912	0	522,912
29	28,052,152	3,088,966	3,088,966	0	480,096	0	480,096
30	26,755,547	3,012,240	3,012,240	0	438,568	0	438,568
31	25,450,114	2,932,944	2,932,944	0	400,021	0	400,021
32	24,138,120	2,844,659	2,844,659	0	363,448	0	363,448
33	22,828,533	2,747,253	2,747,253	0	328,808	0	328,808
34	21,531,081	2,655,154	2,655,154	0	297,691	0	297,691
35	20,241,155	2,553,055	2,553,055	0	268,144	0	268,144
36	18,969,619	2,445,977	2,445,977	0	240,654	0	240,654
37	17,722,888	2,340,458	2,340,458	0	215,711	0	215,711
38	16,501,024	2,231,960	2,231,960	0	192,704	0	192,704
39	15,308,785	2,121,289	2,121,289	0	171,568	0	171,568
40	14,150,415	2,009,075	2,009,075	0	152,218	0	152,218
41	13,029,793	1,896,042	1,896,042	0	134,570	0	134,570
42	11,950,316	1,783,806	1,783,806	0	118,599	0	118,599
43	10,913,936	1,672,009	1,672,009	0	104,137	0	104,137
44	9,923,109	1,561,309	1,561,309	0	91,093	0	91,093
45	8,979,775	1,452,223	1,452,223	0	79,371	0	79,371
46	8,085,475	1,344,665	1,344,665	0	68,845	0	68,845
47	7,241,938	1,239,149	1,239,149	0	59,432	0	59,432
48	6,450,481	1,136,103	1,136,103	0	51,044	0	51,044
49	5,712,068	1,035,974	1,035,974	0	43,602	0	43,602
50	5,027,265	938,826	938,826	0	37,015	0	37,015

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

Single Discount Rate Development
Present Values of Projected Benefits (Concluded)

Year	Projected Beginning Plan Net Position	Projected Benefit Payments	Funded Portion of Projected Benefit Payments	Unfunded Portion of Projected Benefit Payments	Present Value of Funded Benefit Payments using Expected Return Rate (v)	Present Value of Unfunded Benefit Payments using Municipal Bond Rate (vf)	Present Value of All Benefit Payments using Single Discount Rate (SDR)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v^((a)-.5)	(g)=(e)*vf ^((a)-.5)	(h)=(c)/(1+SDR)^(a-.5)
51	$ 4,396,612	$ 845,456	$ 845,456	$ 0	$ 31,226	$ 0	$ 31,226
52	3,819,860	756,631	756,631	0	26,178	0	26,178
53	3,295,950	672,427	672,427	0	21,794	0	21,794
54	2,823,675	593,248	593,248	0	18,012	0	18,012
55	2,401,330	519,332	519,332	0	14,770	0	14,770
56	2,026,847	451,182	451,182	0	12,021	0	12,021
57	1,697,498	389,143	389,143	0	9,712	0	9,712
58	1,410,017	332,756	332,756	0	7,780	0	7,780
59	1,161,390	281,912	281,912	0	6,174	0	6,174
60	948,512	236,841	236,841	0	4,859	0	4,859
61	767,833	197,290	197,290	0	3,792	0	3,792
62	615,822	162,745	162,745	0	2,930	0	2,930
63	489,241	132,834	132,834	0	2,240	0	2,240
64	385,021	107,353	107,353	0	1,696	0	1,696
65	300,093	85,943	85,943	0	1,272	0	1,272
66	231,554	68,105	68,105	0	944	0	944
67	176,818	53,446	53,446	0	694	0	694
68	133,533	41,413	41,413	0	504	0	504
69	99,758	31,766	31,766	0	362	0	362
70	73,671	24,167	24,167	0	258	0	258
71	53,674	18,160	18,160	0	182	0	182
72	38,534	13,464	13,464	0	126	0	126
73	27,224	9,833	9,833	0	86	0	86
74	18,902	7,064	7,064	0	58	0	58
75	12,879	4,986	4,986	0	38	0	38
76	8,597	3,452	3,452	0	25	0	25
77	5,611	2,338	2,338	0	16	0	16
78	3,574	1,544	1,544	0	10	0	10
79	2,220	994	994	0	6	0	6
80	1,343	624	624	0	3	0	3
81	790	380	380	0	2	0	2
82	450	224	224	0	1	0	1
83	249	128	128	0	1	0	1
84	134	71	71	0	0	0	0
85	70	38	38	0	0	0	0
86	35	20	20	0	0	0	0
87	17	10	10	0	0	0	0
88	7	5	5	0	0	0	0
89	3	2	2	0	0	0	0
90	1	1	1	0	0	0	0
91	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0
100	0	0	0	(0)	0	(0)	0
				Totals	$ 40,608,055	$ 0	$ 40,608,055

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.



Projection of Plan Net Position and Benefit Payments
$ [thousands]
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
1 4 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52 55 58 61 64 67 70 73 76 79 82 85 88 91 94 97 100
Year
Projected Plan Net Position
Projected Benefit Payments for Current Members

SECTION J

MICHIGAN PUBLIC ACT 202

State Reporting Assumptions
as of December 31, 2019

The Protecting Local Government Retirement and Benefits Act, Public Act 202 of 2017 (PA 202), was put into law effective December 20, 2017. One outcome of the law is the requirement for the local unit of government to provide select reporting discloures to the State. Section 5(1) of the Act provides the State treasurer with the authority to annually establish uniform actuarial assumptions for purposes of developing the requisite disclosures. Below you will find information which may be used to assist the local unit of government with required reporting.

Uniform Assumptions, as applicable to the measurement and the required disclosures under uniform assumptions are denoted below. Additional discussion of PA 202 and uniform assumptions may be found on the State website in the uniform assumption memo dated September 25, 2018.

Uniform Assumption	PA 202	Valuation Assumption Used	Uniform Assumption Used
Investment Rate of Return Discount Rate^	Maximum of 7.00%	6.75%	6.75%
Salary Increase	Minimum of 3.50% or based on experience study within last 5 years	3.50% + Merit and longevity (based on experience study issued September 28, 2016)	3.50% + Merit and longevity (based on experience study issued September 28, 2016)
Mortality	Version of RP-2014 or based on experience study within last 5 years	A version of RP-2014 (based on experience study issued September 28, 2016)	A version of RP-2014 (based on experience study issued September 28, 2016)
Healthcare Inflation (for Medical and Drug)	Non-Medicare: Initial rate of 8.50% decreasing 0.25% per year to a 4.50% long-term rate Medicare: Initial rate of 7.00% decreasing 0.25% per year to a 4.50% long-term rate	Initial rate of 8.25% decreasing to a 3.50% long-term rate in year 11	**Non-Medicare: Initial rate of 8.50% decreasing 0.25% per year to a 4.50% long-term rate** **Medicare: Initial rate of 7.00% decreasing 0.25% per year to a 4.50% long-term rate**
Amortization of the Unfunded Accrued Actuarial Liability: Period	Maximum Period of 30 Years	22.75 years*	22.75 years*
Method	Closed Plans: Level Dollar Open Plans: Level Percent of Payroll or Level Dollar	Level Dollar	Level Dollar
Type	Closed	Closed	Closed

^ *A blended rate calculated using GASB 75 methodology. For periods in which projected plan assets are sufficient to make projected benefit payments – maximum of 7.00%; for periods in which projected pan assets are NOT sufficient to make projected benefit payments – 3.00%.*

* *For the fiscal year ending December 31, 2019.*

State Reporting as of December 31, 2019

The following information has been prepared to provide some of the information necessary to complete the OPEB reporting requirements for the State of Michigan's Local Government Retirement System Annual Report (Form 5572). The local unit of governement is required to complete/develop all of the remaining reporting requiriements necessary for Form 5572. Additional resources are available on the State website.

Line	Descriptive Information	
19	**Actuarial Assumptions**[1]	
20	Assumed Rate of Investment Return	6.75%
21	Enter discount rate	6.75%
22	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Level Dollar
23	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any	22.75
24	Is each division within the system closed to new employees?	Yes
25	Health care inflation assumption for the next year	8.25%
26	Health care inflation assumption - Long-Term Trend Rate	3.50%
27	**Uniform Assumptions**[2]	
28	Enter retirement health care system's actuarial value of assets using uniform assumptions	$ 29,088,133
29	Enter retirement health care system's actuarial accrued liabilities using uniform assumptions	$ 38,332,469
30	Funded ratio using uniform assumptions	Auto[3]
31	Actuarially Determined Contribution (ADC) using uniform assumptions[4]	$ 1,408,473
32	All systems combined ADC/Governmental fund revenues	Auto[3]

1 *Information on lines 20-26 can be found in the December 31, 2018 funding valuation report, dated May 6, 2019.*

2 *Information on lines 28-32 is based on the Uniform Assumptions Used, listed on the prior page, as of the most recent actuarial valuation date, December 31, 2018.*

3 *Automatically calculated by State of Michigan Form 5572.*

4 *For the fiscal year ending December 31, 2019.*

SECTION K

GLOSSARY OF TERMS

Glossary of Terms

Accrued Service	Service credited under the system that was rendered before the date of the actuarial valuation.
Actuarial Accrued Liability (AAL)	The AAL is the difference between the actuarial present value of all benefits and the actuarial value of future normal costs. The definition comes from the fundamental equation of funding which states that the present value of all benefits is the sum of the Actuarial Accrued Liability and the present value of future normal costs. The AAL may also be referred to as "accrued liability" or "actuarial liability."
Actuarial Assumptions	These assumptions are estimates of future experience with respect to rates of mortality, disability, turnover, retirement, rate or rates of investment income and compensation increases. Actuarial assumptions are generally based on past experience, often modified for projected changes in conditions. Economic assumptions (compensation increases, payroll growth, inflation and investment return) consist of an underlying real rate of return plus an assumption for a long-term average rate of inflation.
Actuarial Cost Method	A mathematical budgeting procedure for allocating the dollar amount of the actuarial present value of the OPEB trust benefits between future normal cost and actuarial accrued liability. The actuarial cost method may also be referred to as the actuarial funding method.
Actuarial Equivalent	A single amount or series of amounts of equal actuarial value to another single amount or series of amounts, computed on the basis of appropriate actuarial assumptions.
Actuarial Gain (Loss)	The difference in liabilities between actual experience and expected experience during the period between two actuarial valuations is the gain (loss) on the accrued liabilities.
Actuarial Present Value (APV)	The amount of funds currently required to provide a payment or series of payments in the future. The present value is determined by discounting future payments at predetermined rates of interest and probabilities of payment.
Actuarial Valuation	The actuarial valuation report determines, as of the actuarial valuation date, the service cost, total OPEB liability, and related actuarial present value of projected benefit payments for OPEB.
Actuarial Valuation Date	The date as of which an actuarial valuation is performed.

Glossary of Terms

Actuarially Determined Contribution (ADC) or Annual Required Contribution (ARC)
A calculated contribution into an OPEB plan for the reporting period, most often determined based on the funding policy of the plan. Typically, the Actuarially Determined Contribution has a normal cost payment and an amortization payment.

Amortization Method
The method used to determine the periodic amortization payment may be a level dollar amount, or a level percent of pay amount. The period will typically be expressed in years, and the method will either be "open" (meaning, reset each year) or "closed" (the number of years remaining will decline each year).

Amortization Payment
The amortization payment is the periodic payment required to pay off an interest-discounted amount with payments of interest and principal.

Cost-of-Living Adjustments
Postemployment benefit changes intended to adjust benefit payments for the effects of inflation.

Cost-Sharing Multiple-Employer Defined Benefit OPEB Plan (cost-sharing OPEB plan)
A multiple-employer defined benefit OPEB plan in which the OPEB obligations to the employees of more than one employer are pooled and OPEB plan assets can be used to pay the benefits of the employees of any employer that provides benefits through the OPEB plan.

Covered-Employee Payroll
The payroll of employees that are provided with benefits through the OPEB plan.

Deferred Inflows and Outflows
The deferred inflows and outflows of OPEB resources are amounts used under GASB Statement No. 75 in developing the annual OPEB expense. Deferred inflows and outflows arise with differences between expected and actual experiences; changes of assumptions. The portion of these amounts not included in the OPEB expense should be included in the deferred inflows or outflows of resources.

Discount Rate
For GASB purposes, the discount rate is the single rate of return that results in the present value of all projected benefit payments to be equal to the sum of the funded and unfunded projected benefit payments, specifically:

1. The benefit payments to be made while the OPEB plans' fiduciary net position is projected to be greater than the benefit payments that are projected to be made in the period; and
2. The present value of the benefit payments not in (1) above, discounted using the municipal bond rate.

Glossary of Terms

Entry Age Actuarial Cost Method (EAN)	The EAN is a cost method for allocating the costs of the plan between the normal cost and the accrued liability. The actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated on a level basis (either level dollar or level percent of pay) over the earnings or service of the individual between entry age and assumed exit age(s). The portion of the actuarial present value allocated to a valuation year is the normal cost. The portion of this actuarial present value not provided for at a valuation date by the actuarial present value of future normal costs is the actuarial accrued liability. The sum of the accrued liability plus the present value of all future normal costs is the present value of all benefits.
Fiduciary Net Position	The fiduciary net position is the market value of the assets of the trust dedicated to the defined benefit provisions.
GASB	The Governmental Accounting Standards Board is an organization that exists in order to promulgate accounting standards for governmental entities.
Long-Term Expected Rate of Return	The long-term rate of return is the expected return to be earned over the entire trust portfolio based on the asset allocation of the portfolio.
Money-Weighted Rate of Return	The money-weighted rate of return is a method of calculating the returns that adjusts for the changing amounts actually invested. For purposes of GASB Statement No. 74, the money-weighted rate of return is calculated as the internal rate of return on OPEB plan investments, net of OPEB plan investment expense.
Multiple-Employer Defined Benefit OPEB Plan	A multiple-employer plan is a defined benefit OPEB plan that is used to provide OPEB payments to the employees of more than one employer.
Municipal Bond Rate	The Municipal Bond Rate is the discount rate to be used for those benefit payments that occur after the assets of the trust have been depleted.
Net OPEB Liability (NOL)	The NOL is the liability of employers and non-employer contributing entities to plan members for benefits provided through a defined benefit OPEB plan.
Non-Employer Contributing Entities	Non-employer contributing entities are entities that make contributions to an OPEB plan that is used to provide OPEB payments to the employees of other entities. For purposes of the GASB accounting statements, plan members are not considered non-employer contributing entities.

Glossary of Terms

Normal Cost	The portion of the actuarial present value allocated to a valuation year is called the normal cost. For purposes of application to the requirements of this Statement, the term normal cost is the equivalent of service cost.
Other Postemployment Benefits (OPEB)	All postemployment benefits other than retirement income (such as death benefits, life insurance, disability, and long-term care) that are provided separately from a pension plan, as well as postemployment healthcare benefits regardless of the manner in which they are provided. Other post-employment benefits do not include termination benefits.
Real Rate of Return	The real rate of return is the rate of return on an investment after adjustment to eliminate inflation.
Service Cost	The service cost is the portion of the actuarial present value of projected benefit payments that is attributed to a valuation year.
Total OPEB Expense	The total OPEB expense is the sum of the following items that are recognized at the end of the employer's fiscal year: 1. Service Cost 2. Interest on the Total OPEB Liability 3. Current-Period Benefit Changes 4. Employee Contributions (made negative for addition here) 5. Projected Earnings on Plan Investments (made negative for addition here) 6. OPEB Plan Administrative Expense 7. Other Changes in Plan Fiduciary Net Position 8. Recognition of Outflow (Inflow) of Resources due to Liabilities 9. Recognition of Outflow (Inflow) of Resources due to Assets
Total OPEB Liability (TOL)	The TOL is the portion of the actuarial present value of projected benefit payments that is attributed to past periods of member service.
Unfunded Actuarial Accrued Liability (UAAL)	The UAAL is the difference between actuarial accrued liability and valuation assets.
Valuation Assets	The valuation assets are the assets used in determining the unfunded liability of the plan. For purposes of GASB Statement Nos. 74 and 75, the valuation assets are equal to the market value of assets.

To: Board of Commissioners
From: Danielle Mauter, Chief of Marketing and Communications
Subject: Report – June Marketing Report
Date: July 2, 2020

Action Requested: **Motion to Receive and File**

That the Board of Commissioners receive and file June Marketing Report that includes updated 2020 Marketing Goals as recommended by Chief of Marketing and Communications Danielle Mauter and staff.

Attachment: **June Marketing Report**
Amended Marketing Goals

7-B-1-a

MONTHLY MARKETING REPORT

June 2020

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814

HURON-CLINTON METROPARKS

METROPARKS.COM

JUNE 2020

COVID-19 has sent ripples through the world and all operations at every organization. The marketing goals for 2020 were set before anyone could have predicted this pandemic. Now that we have reached a time where circumstances are slightly more "predictable" (in the sense of gatherings, programs, events and water facilities not operating as "normal" this year), these goals need to be updated. In order to measure our successes for the remainder of the year, the marketing plan goals have been updated and attached as part of this report. All other strategies and definition in the 2020 Marketing plan remain the same.

JUNE RECAP

In June, the Marketing department welcomed back staff that were previously laid off or on maternity leave. Returning to normal staffing levels and having less frequent changes in park operations has allowed projects to be re-started and reassigned and less time to be spent on temporary COVID signage creation and pop-up projects. Work continues on updating maps and brochures into the new brand identity style; re-focusing on some requests for interpretive signage; working on promotions for Drive-In Movies in the Parks event series; re-focusing on continued social media efforts; and growing our owned photo library. Through June the general branding campaign continued to run on TV, video, radio, Out-of-Home, digital and social outlets. Towards the end of June, agreements were negotiated with LaPrensa (Bi-lingual print ads and Spanish digital ads) and Michigan Chronical for print ads to run in their publications through the end of summer. More focus will be put on localized print runs in coming months.

A FEW OF THE ORIGINAL MARKETING PLAN GOALS REMAINED THE SAME. AN UPDATE IS BELOW:

Increase overall attendance by 30,000 vehicles over and above the 2019 car count goal

- The onset of the Covid-19 epidemic has led to unprecedented changes in tolling and attendance. Please see the board stats at the end of the packet for most up to date counts at this time. At the end of May alone, our total vehicle counts were up for the month by 129,436 as compared to 2019 and were up 104,277 as compared to the three-year average May total (419,288 vehicles in May). The YTD count at the end of May was up 313,188 vehicles (or about 35.5%) compared to May YTD of 2019. We're on track to meet this goal at this time. Goal = 2,966,524 vehicles. Current YTD count at end of May = 1,193,567.

Increase Instagram followers by 20 percent over the 2019 goal to 2,400 total.

- Currently at 2186. Currently growing through slow organic growth.

Increase Facebook followers by 20 percent over 2019 goal from 14,000 to 16,800 followers by end of 2020

- Currently at 15,914 and growing through organic growth and use of paid ads. On track to meet by end of the year.

Increase average Facebook engagement by 100 percent (total to be 86,142 engagements)

- Year to Date engagement is at 23,146. One trend we are continuing to see is that with COVID-19 restrictions in place, people are spending more time online and on social media. To capitalize on that, we have increased our presence on social media as well as content on metroparks.com/virtual. We are scheduling more posts and trying new ideas. The Interpretive Department has been a huge asset in making this possible. Marketing and Interpretive are working together to implement bird of the week content, virtual programming videos, more content on stories, nature blog articles, a Dear Kevin component in the style of "Dear Abby" and continuing to send us photos and videos from the centers on the days they are there caring for animals. Content has also included real time updates of temporary closures and changes to park conditions – particularly over the busy hot weekends. Our digital and social media ad campaigns are also in full swing promoting social distancing while in the parks.

Increase average Instagram engagement by 20 percent

- We're close to meeting this goal early. The increased goal was to hit 6,700 engagements by the end of the year. We are currently at 6,354 engagements and growing.

Continue growing email subscriber list by 10 percent

- Our list is currently just over 87,000 subscribers and 402 people have signed up online for our emails in the past 30 days with 220 unsubscribes.

Maintain email open rate at industry benchmark

- Campaigns sent year-to-date are maintaining an average open rate of 22 percent. The average click through rate is holding at 5 percent.

Increase earned media

- Our recent press releases have been well received by media and we have fielded on average at least 2-3 calls per week from media over the last few months. We are getting calls and working with the larger media names on a much more regular basis at this time. We're seeing that our communications with media are becoming more effective and they are reaching out to us willingly on a more regular basis during this pandemic.

Reduce reliance on, and cost of, stock imagery by using at least 90 percent owned images in marketing materials by end of 2020

- Had staff scheduled for shoot days 5 days in June including one shoot day at Kensington to capture Splash 'N Blast and Beach photos. These are where parents are typically most hesitant to sign releases for photos over the last couple of summers, but over 30 families agreed to allow us to photograph them that day – resulting in a nice collection of diverse and fun summer photos in those locations. These photos will be used in future ads and promotions as well as on the website and social media as needed.

Updated Marketing Goals

- A revised version of marketing goals is attached for review. All other strategies in the 2020 Marketing Plan remain intact, so marketing goals is the only updated section included. These will continue to be evaluated as the year progresses to ensure the pandemic continues to allow these to be relevant goals for the last half of 2020.

To: Board of Commissioners
From: Amy McMillan, Director
Subject: Approval – 2021 Out of County Annual Permit Fee
Date: July 2, 2020

Action Requested: Motion to Approve

That the Board of Commissioners' approve a $5 annual permit fee increase for residents that do not reside within the Metroparks five-county jurisdiction as recommended by Director Amy McMillan and staff.

Background: The proposed changes will go into effect Jan. 1, 2021. Patrons will be able to receive an annual permit at a $5 discounted rate when they go on sale in November until Dec. 31, 2020.

The out-of-county fee was not included in the annual permit price approved by the Board last year due to timing issues.

Pricing changes include:

System Wide
- Increase out-of-county annual permits from $40 to $45
- Increase out-of-county senior annual permit from $29 to $34
- Increase out-of-county annual/boat permit from $75 to $80
- Increase out-of-county annual senior/boat permit from $53 to $58

To: Board of Commissioners
From: Amy McMillan, Director
Subject: Approval – Oakland County Combo Pass Agreement
Date: July 2, 2020

Action Requested: Motion to Approve

That the Board of Commissioners approve the 2021 agreement for the pricing and pricing split for the Oakland County Parks and Huron-Clinton Metroparks combo pass as recommended by Director Amy McMillan and staff.

Background: The Metroparks has partnered with Oakland County offering a combination Metroparks/Oakland County annual permit for the past several years. For 2021, the combination permit price will increase by $5 to accommodate the increased price for a Metroparks annual permit with the corresponding $5 increase in revenue coming to the Metroparks.

Attachment: Joint Pass Agreement

HURON-CLINTON METROPOLITAN AUTHORITY (METROPARKS)
and
OAKLAND COUNTY PARKS AND RECREATION COMMISSION

JOINT "PARKS PERKS PASS" ANNUAL VEHICLE PERMIT AGREEMENT

The Huron-Clinton Metropolitan Authority (Metroparks) and the Oakland County Parks and Recreation Commission agree to sell the joint "Parks Perks Pass" annual vehicle permit for Fiscal Year 2021 (Oct. 1, 2020 through Sept. 30, 2021) with the following conditions:

1. The Parks Perks Pass is good for entry into all Oakland County Parks and all Huron-Clinton Metroparks.

2. Cost of the Parks Perks Pass is $64, with $27 in revenue going to Oakland County Parks and $37 to Huron-Clinton Metroparks. There will be no discounting of Parks Perks Passes.

3. Parks Perks Passes to be sold by Huron-Clinton Metroparks at all of its park locations and administrative office. Oakland County Parks and Recreation will sell the Parks Perks Passes at their administrative office, Addison Oaks, Catalpa Oaks, Groveland Oaks, Independence Oaks, Lyon Oaks, Orion Oaks, and Red Oaks, and a limited number of off-site sale locations.

4. Sale of Parks Perks Passes will end Labor Day, 2021. At that time each park system will reconcile the sale of the permits and send a check to cover the agreed pro-rated share before Sept. 30, 2021.

5. The Parks Perks Passes artwork will be completed by the Huron-Clinton Metroparks with input from the Oakland County Parks. Passes will be printed directly by each agency; numbering will be coordinated to ensure no duplication or gaps occur.

______________________________	______________________________
Amy McMillan	Daniel J. Stencil
Director	Executive Officer
Huron-Clinton Metropolitan Authority	Oakland Co Parks and Recreation Comm
Date:__________________________	Date: __________________________

To: Board of Commissioners
From: Nina Kelly, Chief of Planning and Development
Project Title: Approval – B2B Trail Segment D3 Project Agreement and Easement
Location: Delhi Metropark
Date: July 2, 2020

Action Requested: **Motion to approve**

That the Board of Commissioners approve (1) the project agreement; and (2) approve the permanent easement agreement for segment D3 of the Border-to-Border (B2B) Trail through Delhi Metropark, as recommended by Chief of Planning and Development Nina Kelly and staff.

Fiscal Impact: The Metroparks committed $100,000 toward the B2B trail construction in Delhi in approving the 2020 capital project fund budget.

Background: A master plan for the southern section of the B2B from Dexter to Ann Arbor was completed and adopted by Washtenaw County Parks and Recreation Commission (WCPARC) in March 2016. Metroparks staff were involved in this planning process.

Segment D3 of the B2B will connect the three areas of Delhi: West Delhi, the current Skip's Canoe Livery and East Delhi via paved trail. The Board approved the conceptual alignment of the next phase of Border-to-Border (B2B) Trail through Delhi Metropark in July 2019 and an authorization letter granting partners and permitting agencies access to Metroparks property in June 2020.

The construction of this segment of trail, along with the relocation of Skip's Canoe Livery, will result in the completion of several of the projects identified in the 2018 Dexter-Huron and Delhi Master Plan.

Engineering and construction plans were finalized following review by several Metroparks staff. The project was bid by WCPARC in late June and construction is anticipated to begin in fall 2020.

Per the easement agreement, staff will work with WCPARC to coordinate development of a maintenance agreement to include the new trail segment through Delhi.

Miller Canfield has reviewed both agreements.

WASHTENAW COUNTY PARKS AND RECREATION COMMISSION
HURON CLINTON METROPOLITAN AUTHORITY
BORDER-TO-BORDER TRAIL SEGMENT D3
DEVELOPMENT, REPAIR AND
MAINTENANCE AGREEMENT

This **AGREEMENT** between **WASHTENAW COUNTY,** a municipal corporation, by and through the **WASHTENAW COUNTY PARKS AND RECREATION COMMISSION,** whose address is 2230 Platt Road, Ann Arbor, MI 48104 (known as the **"WCPARC"),** and the **HURON-CLINTON METROPOLITAN AUTHORITY,** a Michigan public body corporate organized and operating under the provisions of Act 147, Public Acts of Michigan 1939, whose address is 13000 High Ridge Drive, Brighton, MI 48114 (known as the **"HCMA"),** to confirm certain rights and obligations relating to the installation, operation, repair and maintenance of a hike-bike trail (the **"BORDER-TO-BORDER TRAIL SEGMENT D3"),** which is legally described as set forth on the attached Exhibit "A".

RECITATIONS:

WHEREAS, the WCPARC desires to provide substantial funding for the design, project management and construction of a 10 to 16 foot wide asphalt surfaced hike-bike trail, known herein as the BORDER-TO-BORDER TRAIL SEGMENT D3, for public outdoor recreational use which focuses on the protection of natural resources; and

WHEREAS, the BORDER-TO-BORDER TRAIL SEGMENT D3 is proposed to begin at intersection of Huron River Drive and Zeeb Road in the and travel east, approximately 1.8 miles to the eastern parking lot of Delhi Metropark; and

WHEREAS, the HCMA is the current owner of the real property described in the attached Exhibit "B" and is committed to preserving the conservation and recreational values of said property; and

WHEREAS, the HCMA desires to permit temporary construction access through and convey a 30 foot wide exclusive recreational easement (the "Recreational Easement"), as set forth in Exhibit "A," to the WCPARC for the installation, operation, repair and maintenance of the BORDER-TO-BORDER TRAIL SEGMENT D3.

WHEREAS, the WCPARC has requested that the HCMA assist by providing a financial contribution towards the construction costs, certain operation, repair and maintenance services for the BORDER-TO-BORDER TRAIL SEGMENT D3, and the HCMA is adequately staffed and equipped to provide such services; and

WHEREAS, the HCMA desires to cooperate with the WCPARC in the development of the BORDER-TO-BORDER TRAIL SEGMENT D3 for the mutual benefit of residents of the WCPARC service area and visitors of the Metroparks found throughout southeastern Michigan.

NOW, THEREFORE, IT IS AGREED AS FOLLOWS:

1. Easement Conveyance. HCMA has clear title to the portion of the BORDER-TO-BORDER TRAIL SEGMENT D3 within Delhi Metropark and will use its best efforts to issue the construction access permit and convey the Recreational Easement to the WCPARC in form and substance sufficient to allow the BORDER-TO-BORDER TRAIL SEGMENT D3 project to be accomplished as anticipated by this Agreement.

2. Survey. The WCPARC shall provide planning and engineering services for determining preliminary alignment, topographic survey, and final design of the BORDER-TO-BORDER TRAIL SEGMENT D3. The WCPARC shall prepare legal descriptions in form and substance satisfactory to the HCMA for the temporary construction permit and the Recreational Easement.

3. Design, Engineering, and Construction. The design and construction of the BORDER-TO-BORDER TRAIL SEGMENT D3 shall be managed by WCPARC and its consultants. WCPARC shall coordinate design, engineering, and construction services with HCMA. WCPARC shall use commercially reasonable efforts to minimize any interference of the use of and operations at HCMA's property. The BORDER-TO-BORDER TRAIL SEGMENT D3 will comply with the applicable standards of AASHTO and ADA, HCMA, (trail and structures capable of supporting maintenance, patrol and emergency vehicles) and other agencies having jurisdiction.

4. Funding. Through local millage funds, private donations, grant funding from the Transportation Alternatives Program, and a $100,000 (one hundred thousand dollar) contribution from HCMA, the WCPARC has secured funds to incur the total project cost of design and construction o f the BORDER-TO-BORDER TRAIL SEGMENT D3. WCPARC represents that the secured funds are sufficient to complete the project, that it has taken all necessary and appropriate steps to legally obligate the funds for the project, and that no action has been taken or is contemplated which would result in deobligation of the secured funds. WCPARC shall be responsible for cost overruns, and shall also benefit from any potential savings, due to necessary field changes during construction.

5. Site Control. The HCMA shall issue the temporary construction permit to the WCPARC on a temporary basis, which shall terminate upon completion of construction of the BORDER-TO-BORDER TRAIL SEGMENT D3. The Recreational Easement shall be conveyed to the WCPARC for the WCPARC's legal use and benefit on a perpetual basis. The WCPARC shall allow the HCMA to continue using the BORDER-TO-BORDER TRAIL SEGMENT D3 for the following reasons:

A. For purposes of efficiency and economy of staff and resources, the HCMA shall patrol the BORDER-TO-BORDER TRAIL SEGMENT D3 within Delhi Metropark for public safety purposes. This arrangement does not exclude the right of the WCPARC to provide similar or supplemental public safety services, and the WCPARC shall retain rights of control over the Recreational Easement.

B. As authorized by the WCPARC, for purposes of efficiency and economy of staff and resources, the HCMA shall provide routine maintenance of the BORDER-TO-BORDER TRAIL SEGMENT D3.

C. As authorized by the WCPARC, for purposes of efficiency and economy of staff and resources, the HCMA shall provide minor repairs of pavements, grounds and structures on or related to the BORDER-TO-BORDER TRAIL SEGMENT D3.

6. Routine Maintenance. The HCMA shall provide routine maintenance services, which shall include, grass cutting, vegetation control, minor erosion control, cleaning and sweeping, of the BORDER-TO-BORDER TRAIL SEGMENT D3 and for the avoidance of doubt, routine maintenance shall exclude snow and ice removal. The maintenance services provided by the HCMA shall be based upon the standards applied throughout improvements. If the HCMA desires to fund, develop and construct, at its sole cost and expense, future improvements related to, connected with, abutting or in the vicinity of the Recreational the Metroparks and shall comply with all ordinances and other building and zoning regulations of the local jurisdiction. Cost of operation and maintenance shall be shared equally; and, shall be in accordance with the terms of a separate Annual Maintenance and Repair Contract. Any sponsorship or recognition elements installed as a component of private fundraising for the construction of the trail segment shall be included in routine maintenance.

7. Minor Repairs. The HCMA shall provide minor repairs of pavements, grounds and structures on or related to the BORDER-TO-BORDER TRAIL SEGMENT D3 (within the boundaries of Delhi Metropark). Minor repairs include those activities necessary to clear obstacles or blockages or establish any practice which is intended to survey, monitor, identify, report, correct, modify, change or improve any condition of the BORDER-TO-BORDER TRAIL SEGMENT D3 with respect to its safety for travel of persons or non-motorized vehicles. Any repair services provided by the HCMA shall be based upon the standards applied throughout the Metroparks and shall comply with all ordinances and other building and zoning regulations of the local jurisdiction.

8. Major Improvements. The WCPARC shall consult with the HCMA regarding any major improvements, repairs, alterations or reconstruction projects relating to the BORDER TRAIL SEGMENT D3 (within the boundaries of Delhi Metropark), as may be required in the future due to compliance issues such as safety, accessibility, environmental regulations, requirements of other agencies having jurisdiction, normal wear and tear, erosion, flooding, fire, overloading or other actions. Consultation between the parties is intended to promote uniform construction practices, coordinate any restrictions of use due to repair and alteration, and address any public safety issues which may arise therefrom. Upon mutual agreement of the parties, the HCMA may perform major improvements on behalf of the WCPARC.

9. Maintenance Cost Participation. It is agreed that the WCPARC and HCMA will share equally in the cost of routine maintenance and minor repairs for those portions of the BORDER-TO-BORDER TRAIL SEGMENT D3 lying within HCMA property. The WCPARC shall be solely responsible for the cost of said activities for those portions of the BORDER-TO-BORDER TRAIL SEGMENT D3 lying outside the park boundaries. The WCPARC shall be solely responsible for the cost of minor and major repairs of any sponsorship and recognition elements installed as a component of private fundraising for the construction of the trail segment. Funding of major improvements, repairs, alterations or reconstruction projects (within the boundaries of Delhi Metropark) as may be required in the future due to compliance issues such as safety, accessibility, environmental regulations, requirements of other agencies having jurisdiction, or due to normal wear and tear, erosion, flooding, fire, overloading or other actions, shall be equally allocated between the HCMA and the WCPARC.

10. Remedy for Dispute. Future projects, which are required due to damage, deterioration

or due to regulatory compliance issues, may be initiated, developed and constructed as mutually agreed upon between the HCMA and the WCPARC. If no agreement as to the need for such projects can be reached, HCMA and the WCPARC agree to submit the dispute to mediation or other mutually agreeable third party for resolution.

11. Ancillary Trails/Pathways and Improvements. If the WCPARC desires to fund, develop and construct, at its sole cost and expense, future improvements related to, connected with, abutting or in the vicinity of the BORDER-TO-BORDER TRAIL SEGMENT D3, the WCPARC shall consult with the HCMA. In the event such improvements do not impair the use or operation of HCMA land, park or recreational property, then the HCMA shall approve the necessary easements or improvements to the BORDER-TO-BORDER TRAIL SEGMENT D3. The HCMA shall consult with the WCPARC regarding improvements or substantial alterations within the boundaries of the Recreational Trail easement, provided that those improvements are not strictly due to compliance issues, damage or deterioration. In the event such improvements do not impair the use or operation of the Recreational Easement or the BORDER-TO-BORDER TRAIL SEGMENT D3, then the WCPARC shall approve such improvements.

12. Public Use Restrictions. The BORDER-TO-BORDER TRAIL SEGMENT D3 shall be available for use and enjoyment by the general public, on a non-discriminatory basis. Unless otherwise posted, the BORDER-TO-BORDER TRAIL SEGMENT D3 shall be open during the regular Metropark hours as published by the HCMA. Use of the BORDER-TO-BORDER TRAIL SEGMENT D3 shall be restricted to hiking-biking and other non-motorized recreational activities. Posts or bollards at the BORDER-TO-BORDER TRAIL SEGMENT D3 intersections and entrances may be necessary to keep motorized vehicles from entering. Such posts/bollards shall be visible to bicyclists and others, and shall have reflective materials and appropriate markings.

13. Rules and Regulations. The HCMA Rules and Regulations (the "HCMA Rules"), as amended from time to time by the HCMA, shall apply to the use of the BORDER-TO-BORDER TRAIL SEGMENT D3 by the public. In the event of a conflict between the terms of this Agreement and the terms of the HCMA Rules, the terms of this Agreement shall control.

14. Permits and Approvals. The WCPARC shall obtain, directly or through an appropriate sponsor, all necessary local, state and federal permits and approvals for the design, construction, and development of the BORDER-TO-BORDER TRAIL SEGMENT D3.

15. Indemnification. To the extent permitted by law, the WCPARC shall be responsible for and shall indemnify, defend and hold harmless the HCMA, their agents, officers, officials and employees from and against any and all claims, suits, damages and losses in any way sustained or alleged to have been sustained, indirectly or by reason of or in connection with the WCPARC's exclusive rights to the Recreational Easement or from any other acts or omissions of the WCPARC, its employees, agents, contractors and consultants. The foregoing shall not be construed to be an agreement by the WCPARC to indemnify the HCMA against liability resulting from any acts or omissions of the HCMA or its agents, officers, officials or employees, in regard to, among other things, the HCMA's patrol, maintenance, repair, improvement, alteration or reconstruction of the BORDER-TO-BORDER TRAIL SEGMENT D3 which are the responsibility of the HCMA, as set forth herein.

16. Insurance. The WCPARC and the HCMA agree to maintain the necessary insurance coverages to satisfy the indemnification and hold harmless provisions of this Agreement. The respective insurance policies shall be procured at each party's own expense, and shall include Comprehensive General Liability Insurance coverage, including personal injury liability and property damage liability coverage, together with Broad Form Contractual Insurance coverage sufficient to protect the WCPARC and the HCMA, its commissioners, officials, officers, agents and employees from any claims for damage to property and for personal injuries which may arise in connection with this Agreement. Certificates of Insurance describing the coverages required hereunder shall be furnished to either party upon request, and each party must name the other as an "Additional Insured" on said policies. The insurance policies shall contain an endorsement providing for thirty (30) days' written notice prior to any material change, termination or cancellation of said insurance policies.

17. Failure to Proceed. Unless otherwise mutually agreed in writing, in the event the WCPARC fails to receive adequate funding for the installation and development of the BORDER-TO-BORDER TRAIL SEGMENT D3, or in the event the WCPARC fails to proceed with the project within two (2) years from the date of execution of this Agreement, then this Agreement shall be null and void.

18. Termination. If the WCPARC fails to perform or satisfy the terms of this Agreement, the HCMA may issue written notice to the WCPARC indicating that the deficiency shall be cured within thirty (30) days following receipt by the WCPARC. The notice shall also set forth a date, time and place of a hearing before the HCMA, or any other board, body or designated official, for the purposes of allowing the WCPARC to be heard as to any objections to the HCMA's determination of an obligation that has not been undertaken. If following the hearing, the HCMA, or any other board, body or designated official, determines that the WCPARC has not performed adequately, the HCMA shall there upon have the power and authority to cause its agents or the WCPARC to perform such obligations as reasonably found by the HCMA be appropriate. This Section does not prohibit the HCMA from initiating any other appropriate legal action.

19. Successors and Assigns. This Agreement shall be binding on, and shall inure to the benefit of the parties and their respective successors and assigns.

20. Amendment. This -Agreement may not be modified, replaced, amended or terminated without the prior written consent of the parties to this Agreement.

21. Severability. The various parts, sections and clauses of this Agreement are hereby declared to be severable. If any part, sentence, paragraph, section or clause is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of this Agreement shall not be affected thereby.

22. Controlling Law. This Agreement shall be interpreted and construed in accordance with the laws of the State of Michigan and shall be subject to enforcement only in Michigan courts.

23. Run with the Land. The terms, provisions and conditions of this Agreement are and

shall be deemed to be of benefit to the Recreational Easement and shall run with and bind said Easement, and shall bind and inure to the benefit of the successors and assigns of the parties to this Agreement.

Witnessed

Washtenaw County Parks and Recreation Commission

____________________________ By: ____

Name, Title

____________________________ And: ____

Name, Title

Date: ____

ACKNOWLEDGEMENT

STATE OF MICHIGAN)
§
)
COUNTY OF WASHTENAW)

On this________ day of_______________, 2020, before me appeared ________________ and_______________________ , to me personally known, who, being by me duly sworn, did said that they are, respectively, the ____of the WASHTENAW COUNTY PARKS AND RECREATION COMMISSION, and that said instrument was signed and sealed on behalf of said WCPARC, by the authority of its Board of Commissioners, and they acknowledge said instrument to be the free act and deed of said WCPARC.

____

_______________________ , Notary Public
County, Michigan

____
My Commission Expires:

Acting in the County of: ______________

THIS AGREEMENT was executed by the respective parties on the dates specified with the notarization and shall take effect upon execution.

WITNESSES:

____

____

HURON-CLINTON
METROPOLITAN AUTHORITY,
public body corporate organized and operating under the provisions of Act 147, Public Acts of Michigan 1939, as amended

By: ______________________________

Name, Title

And: ______________________________

Name, Title

Date: ______________________________

ACKNOWLEDGEMENT

STATE OF MICHIGAN)
§
)
COUNTY OF WASHTENAW)

On this________ day of______________, 2020, before me appeared ________________

and______________________ , to me personally known, who, being by me duly sworn, did

said that they are, respectively, the ____of the Huron-Clinton Metropolitan Authority (HCMA), and that said instrument was signed and sealed on behalf of said HCMA, by the authority of its Board of Commissioners, and they acknowledge said instrument to be the free act and deed of said HCMA.

____

______________________ , Notary Public
County, Michigan

____
My Commission Expires:

Acting in the County of: _____________

NON-MOTORIZED RECREATION TRAIL EASEMENT AGREEMENT

This Agreement made made this ___ day of ___________, 2020 between Washtenaw County, a municipal corporation, by the Washtenaw County Parks & Recreation Commission, 2230 Platt Road, Ann Arbor, Michigan, 48104 (WCPARC) and Huron Clinton Metropolitan Authority, a Michigan public body organized and operating under the provisions of Act 147, Public Acts of Michigan 1939, 13000 High Ridge Drive, Brighton, Michigan, 48114 (HCMA).

R E C I T A L S

A. WCPARC intends to provide funding for the design, project management, and construction of a ten (10) to sixteen (16) foot wide pedestrian and non-motorized vehicle trail (Trail) for public outdoor recreational use which focuses on the protection of natural resources.

B. HCMA is the owner of real property described in the attached Exhibit B (Property) and is committed to preserving the conservation and recreational values of said Property.

C. WCPARC has requested from HCMA and HCMA is willing to convey a variable width, maximum thirty (30) foot wide easement for the uses set forth herein over and across its Property within which the Trail shall be located.

D. WCPARC has requested and HCMA has agreed to assist in providing certain operation, repair, and maintenance services for the Trail after it has been constructed. A separate Maintenance Agreement shall be executed by the undersigned parties within sixty (60) days from the date of this Agreement.

E. The undersigned parties have agreed to cooperate in the development of the Trail for the mutual benefit of residents of the WCPARC service area and visitors of the Metroparks found throughout southeastern Michigan.

Now, therefore, in consideration of the mutual benefits contained herein and the sum of one dollar ($1.00) receipt of which is hereby acknowledged by HCMA, the undersigned parties agree as follows:

1. <u>Grant of Easement</u>. HCMA hereby grants to WCPARC a variable width, maximum thirty (30) foot wide non-exclusive easement to construct, repair, and maintain the Trail and for public pedestrian and non-motorized vehicle use of the Trail over and across the Property which shall be up to fifteen (15) feet located on each side of a centerline which is described on Exhibit A attached, excepting any area that is outside of HCMA's Property or within any road right-of-way. WCPARC agrees to accept the Property "as is", with all faults and with no warranty as to its condition.

2. Trail Components. The undersigned parties acknowledge and agree that the Trail shall generally consist of a ten (10) to sixteen (16) foot wide asphalt pathway but may also include boardwalks, pedestrian bridges, or sidewalks in areas where the installation of an asphalt pathway is not viable. Furthermore, site improvements may include other improvements such as benches, signs, artwork, and related items as agreed upon by WCPARC and HCMA. All such construction shall be by WCPARC at its sole cost and expense and done in accordance with standards applied throughout the Metroparks as well as ordinances and other building and zoning regulations imposed by local jurisdictions or the State of Michigan. HCMA and WCPARC will coordinate the exercise of WCPARC's rights hereunder so as to minimize any interference with HCMA's operations at the Property. WCPARC shall restore any portion of the Property disturbed by the exercise of WCPARC's rights under this Agreement to substantially the same condition as existed prior to such disturbance by WCPARC, except to the extent the disturbance constitutes an authorized facility or appurtenance installed and maintained pursuant to and consistent with this Agreement.

3. Remedy for Dispute. Future projects related to the Trail, which are required due to damage, deterioration or due to regulatory compliance issues, may be initiated, developed and constructed as mutually agreed upon between the HCMA and the WCPARC. If no agreement as to the need for such projects can be reached, HCMA and the WCPARC agree to submit the dispute to mediation or other mutually agreeable third party for resolution.

4. Abandonment of Rights. WCPARC may abandon the easements granted pursuant to the terms hereof by providing at least ninety (90) days advance written notice to HCMA of such intent to abandon. In the event such notice is given, this Agreement shall terminate on the date so stated and WCPARC shall execute and record an acknowledgment of such termination. In the event HCMA elects to have the Trail removed, WCPARC shall, at WCPARC's sole cost and expense, remove the trail improvements and restore as nearly as possible to its former condition of the Trail Easement Area and other portions of the Property that are damaged, altered, or modified by WCPARC, or any party acting under or on behalf of WCPARC, in the exercise of any of WCPARC's rights under this Agreement.

5. Successors and Assigns. This Agreement shall be binding on, and shall inure to the benefit of the parties and their respective successors and assigns. WCPARC shall not assign its rights pursuant to this Agreement without the prior written consent of HCMA which consent shall not be unreasonably withheld.

6. Amendment. This Agreement may not be modified, replaced, amended or terminated without the prior written consent of the parties to this Agreement.

7. Severability. The various parts, sections and clauses of this Agreement are hereby declared to be severable. If any part, sentence, paragraph, section or clause is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of this Agreement shall not be affected thereby.

8. Controlling Law. This Agreement shall be interpreted and construed in accordance with the laws of the State of Michigan and shall be subject to enforcement only in Michigan courts.

9. Run with the Land. The terms, provisions and conditions of this Agreement are and shall be deemed to be of benefit to the Property and shall run with and bind said Property, and shall bind and inure to the benefit of the successors and assigns of the parties to this Agreement.

10. Entire Agreement. The Agreement sets forth the entire understanding of the parties; further, this Agreement shall supersede and/or replace any oral or written Agreement(s) related to this subject matter entered into by the parties before the date of this Agreement.

This instrument is exempt from state and county transfer tax pursuant to MCL 207.526(a) and MCL 207.505(a).

In witness whereof, the undersigned have executed this instrument on the ____ day of ____________, 2020.

Huron Clinton Metropolitan Authority

By:____________________________

Its:_____________________

STATE OF MICHIGAN)
) ss:
COUNTY OF WASHTENAW)

The foregoing instrument was acknowledged before me this ____ day of ________________, 2020 by _______________ who being by me duly sworn, did say that he/she is the __________ of Huron Clinton Metropolitan Authority and did represent that he/she was duly authorized to execute this document on behalf of said Michigan public body.

____
__________________, Notary Public
Washtenaw County, Michigan
Acting in Washtenaw County
My Commission Expires: __________

Washtenaw County, by the Washtenaw County Parks & Recreation Commission

By:__________________________
Coy P. Vaughn, Director

STATE OF MICHIGAN

COUNTY OF WASHTENAW

On this _____ day of _______________, 2020, before me, a Notary Public in and for said County, personally appeared Coy P. Vaughn, who being by me duly sworn, did say that he is Director of the Washtenaw County Parks & Recreation Commission and did represent that he was duly authorized to execute this document on behalf of Washtenaw County.

____
_____________________, Notary Public
Washtenaw County, Michigan
Acting in ________________ County
My commission expires:_____________

Prepared by and when recorded return to:

Ian James Reach, Esq.		
Reach Law Firm	Recording Fee:	$30.00
106 N. Fourth Ave.	Tax Parcel No:	H-08-050-400-001 and
Ann Arbor, MI 48104		H-08-09-200-002

EXHIBIT A

EASEMENT CENTERLINE DESCRIPTION

EXHIBIT B
HURON CLINTON METROPOLITAN AUTHORITY PROPERTY

BURDENED PARCELS

Parcel 1

Land in Scio Township, Washtenaw County, Michigan to wit:

LAND LYING IN SECS 4 & 5, SCIO TWP DESC AS THAT PART OF THE E 1/2 OF E 1/2 OF SEC 5 AND W 1/2 OF SW 1/4 OF SEC 4 LYING N OF THE HURON RIVER AND S OF W HURON RIVER DRIVE. PT SECS 4 & 5, T2S-R5E, 42.22 AC.

Tax ID #H-08-050-400-001

Parcel 2

Land in Scio Township, Washtenaw County, Michigan to wit:

LAND IN THE SW 1/4 SEC 4 AND NW 1/4 SEC 9, BOUNDED ON N & E BY THE HURON RIVER, ON S BY THE MICHIGAN SENTRAL RAILROAD CO RIGHT-OF-WAY W BY THE MICHIGAN CENTRAL RAILROAD PUMP HOUSE PARCEL, E BY THE MICHIGAN CENTRAL RAILROAD BRIDGE SECS 9 & 4 T2S R5E 17.83 AC.

Tax ID #H-08-09-200-002

HURON-CLINTON METROPARKS

To: Board of Commissioners
From: Nina Kelly, Chief of Planning and Development
Project Title: Approval – Beach Restoration Grant Project
Location: Lake St. Clair Metropark
Date: July 2, 2020

Action Requested: Motion to approve

That the Board of Commissioners authorize staff to execute a grant contract with the Department of Energy, Great Lakes, and the Environment (EGLE) under the Clean Michigan Initiative Nonpoint Source Pollution program for the Lake St. Clair Beach Restoration Project, as recommended by Chief of Planning and Development Nina Kelly and staff.

Fiscal Impact: The total cost of the project is $400,000. The grant will fund $300,000, and the Metroparks' match will be a combination of cash and in-kind labor totaling $100,000.

Background: In 2018, Macomb County hired Environmental Consulting & Technology, Inc. (ECT) to develop a beach restoration concept in coordination with staff from the Metroparks, several Macomb County departments (Planning and Economic Development, Public Works, Health Department), the Clinton River Watershed Council, and other partners.

The awarded grant project will implement the conceptual design, which was approved by the Board in November 2018. It will feature plantings such as tall grasses and trees, sand screens, and acoustic bird deterrents. Interpretive signs will be installed to share project benefits.

Metroparks Planning and Development staff submitted a full grant proposal in October 2019 and received notification of the grant award in late June 2020.

Attachment: Beach Concept Renderings

OCTOBER 2018

LAKE ST. CLAIR METROPARK BEACH RESTORATION CONCEPT

Lake St. Clair Metropark Beach Restoration Concept
View 1

ECT Environmental Consulting & Technology, Inc.

Lake St. Clair Metropark Beach Restoration Concept
View 2

Environmental Consulting & Technology, Inc.

Lake St. Clair Metropark Beach Restoration Concept
View 3

ECT Environmental Consulting & Technology, Inc.

To:	Board of Commissioners
From:	Nina Kelly, Chief of Planning and Development
Project No:	504-19-1118
Project Title:	Approval – Maple Beach Playground Redevelopment
Project Type:	Capital Project
Location:	Kensington Metropark
Date:	July 2, 2020

Action Requested: **Motion to approve**

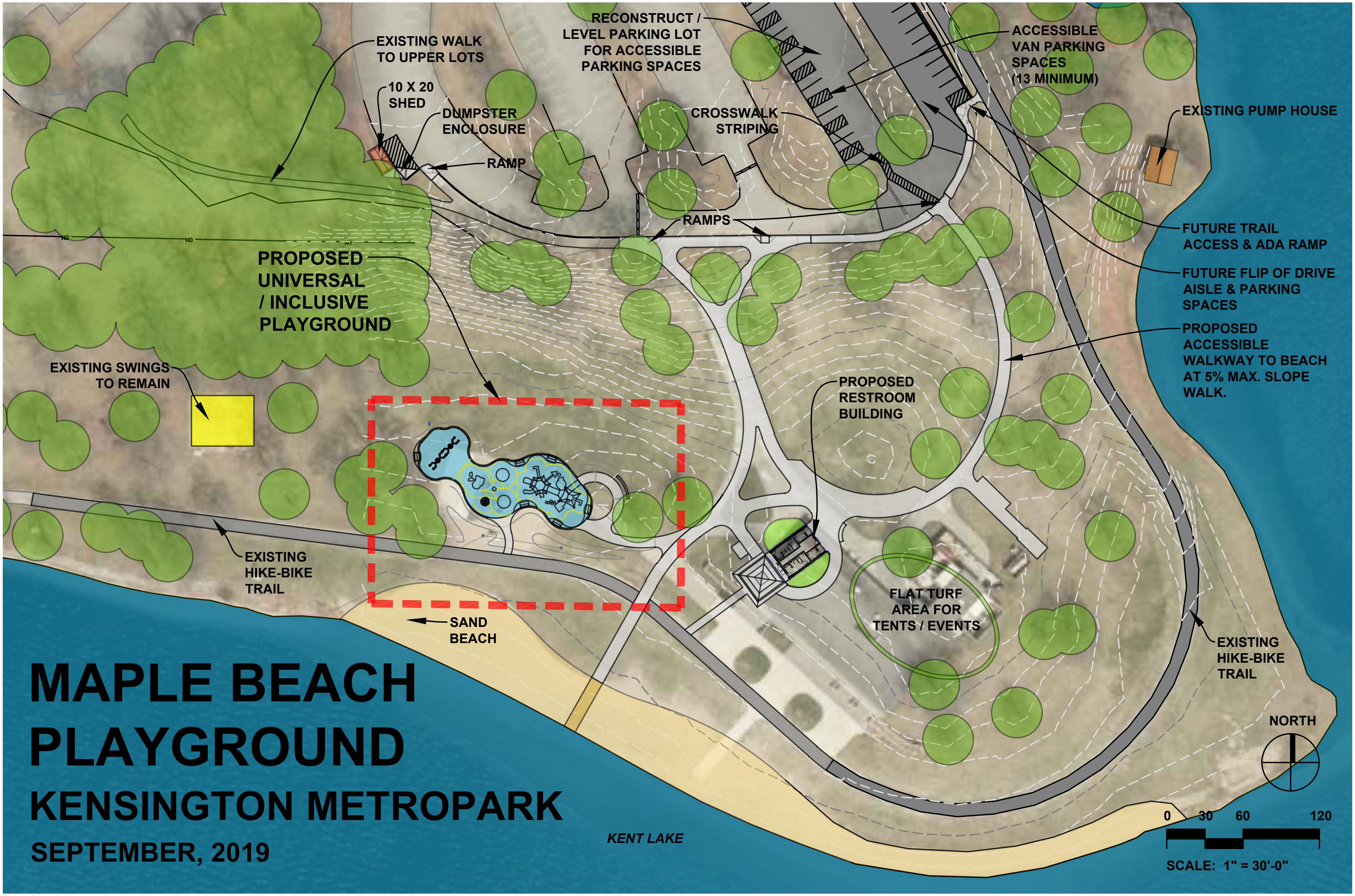
That the Board of Commissioners accept the proposal from the low responsive, responsible bidder, Michigan Recreational Construction, Inc., for $236,972.50 to redevelop the Maple Beach playground at Kensington Metropark, as recommended by Chief of Planning and Development Nina Kelly and staff.

Fiscal Impact: The redevelopment of the playground at Maple Beach was included in the approved 2020 capital project budget at an estimated cost of $525,000. The equipment cost, based on the design approved by the Board of Commissioners in October 2019, totals $191,387. The total cost, inclusive of the site work contract proposed for approval today, will be $428,359.50, meaning that the project is under budget by $96,640.50.

Scope of Work: This project will include the removal of the existing "pirate ship" playground and associated pavement, earthwork, installation of perforated drain tile, new concrete pavement/curbs/retaining wall, poured-in-place surfacing, plantings, and turf restoration. The contracts for the purchase and installation of the playground equipment and benches for this project has already been awarded to Playworld Midstates and Penchura. The selected contractor shall coordinate site work operations with these two-playground equipment and bench installers.

Background: The goal of this project is to create an accessible playground to be enjoyed by all park patrons inclusive of those with cognitive, emotional, physical, and intellectual disabilities. To help guide design, development, and fundraising, staff have worked with community advocates to form the FAIR (Fun, Accessible, Inclusive Recreation) Play Coalition. The design concept evolved through a competition via the issuance of a request for proposals (RFP) in mid-2019 from manufacturers for the equipment selection and layout. Presentations of the proposals received were made to the FAIR Play Coalition, and input from these partners helped to guide the equipment selection.

Contractor	City	Amount
Michigan Recreational Construction, Inc.	Howell, MI	$236,972.50
Warren Contractors & Development, Inc.	Shelby Twp., MI	$296,086.50
Cross Construction Group	Livonia, MI	$299,142
Solé Building Company	Westland, MI	$301,064
Evangelista Construction	New Hudson, MI	$311,509.99



MAPLE BEACH PLAYGROUND

KENSINGTON METROPARK

SEPTEMBER, 2019

COLORS USED

- CHARTREUSE
- SKY BLUE
- GREEN
- BEIGE
- AZURE

Maple Beach Playground
Kensington Metropark

Brighton, MI

19-2127F

Brion Kilpela

MIDSTATES RECREATION


COLORS USED
CHARTREUSE
SKY BLUE
GREEN
BEIGE
AZURE
Maple Beach Playground
Kensington Metropark
Brighton, MI
19-2127F
Brion Kilpela
MIDSTATES
RECREATION

COLORS USED

- CHARTREUSE
- SKY BLUE
- GREEN
- BEIGE
- AZURE

Maple Beach Playground

Kensington Metropark

Brighton, MI

19-2127F

Brion Kilpela

MIDSTATES RECREATION


COLORS USED
CHARTREUSE
SKY BLUE
GREEN
BEIGE
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Maple Beach Playground
Kensington Metropark
Brighton, MI
19-2127F
Brion Kilpela
MIDSTATES
RECREATION

COLORS USED

- CHARTREUSE
- SKY BLUE
- GREEN
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- AZURE

Maple Beach Playground
Kensington Metropark

Brighton, MI

19-2127F

Brion Kilpela

MIDSTATES RECREATION


COLORS USED
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Maple Beach Playground
Kensington Metropark

Brighton, MI

19-2127F

Brion Kilpela

MIDSTATES RECREATION

COLORS USED

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- SKY BLUE
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- AZURE

Maple Beach Playground
Kensington Metropark

Brighton, MI

19-2127F

Brion Kilpela

MIDSTATES RECREATION

COLORS USED

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Maple Beach Playground
Kensington Metropark

Brighton, MI

19-2127F

Brion Kilpela

MIDSTATES RECREATION


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Brighton, MI
19-2127F
Brion Kilpela
MIDSTATES
RECREATION

To:	Board of Commissioners
From:	Nina Kelly, Chief of Planning and Development
Project Title:	Report – Permit Scanning Data Analysis
Date:	July 2, 2020

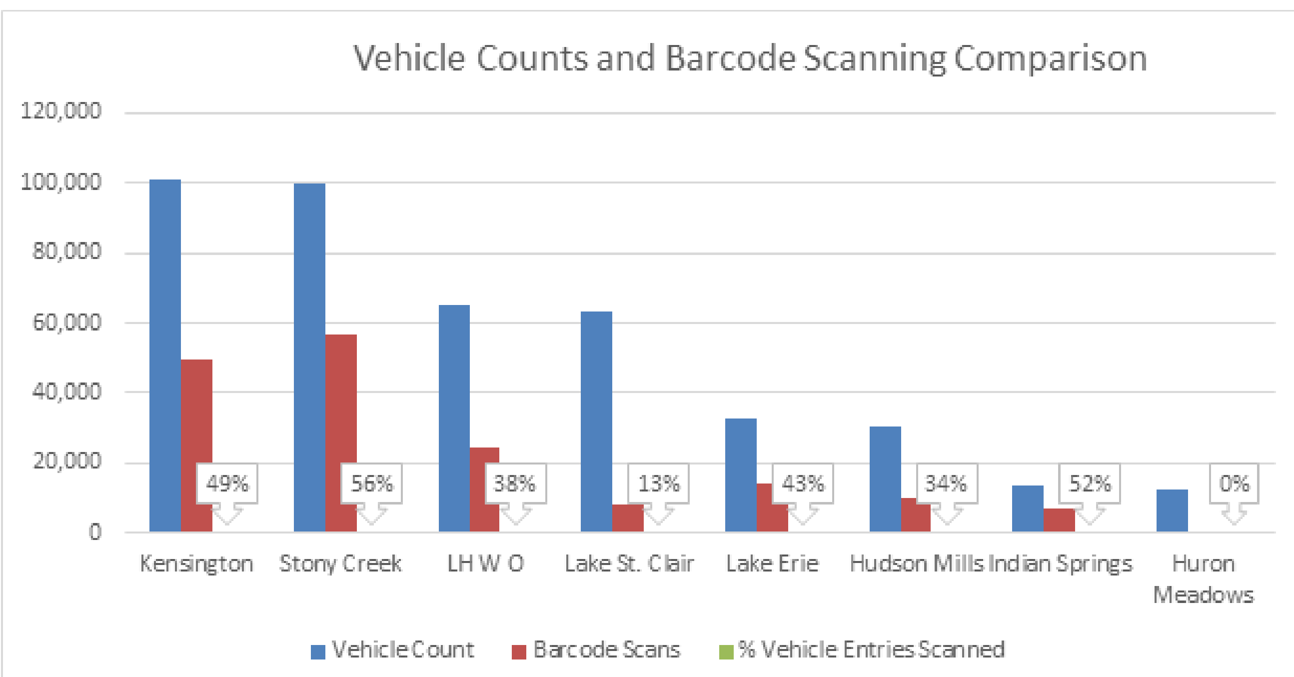
Action Requested: **Motion to Receive and File**

That the Board of Commissioners receive and file the tollbooth scanning report for the period from May 16 through June 15, 2020, as recommended by Chief of Planning and Development Nina Kelly and staff.

Fiscal Impact: None.

Background: The following is a summary of barcode scanning activity at the Metroparks for the period May 16 – June 15, 2020. During this time, there was a total of 170,521 barcode scans system wide.

A comparison of vehicle entries and barcode scanning shows that there were 417,774 vehicle entries, meaning approximately 41 percent of vehicle entries were captured through barcode scanning. The graph below shows a breakdown of vehicle counts and barcode scans by park, for those that collect both data points. To the right of the Barcode Scan column is approximately what percentage of cars was scanned for each park.



MAY

Metropark	Vehicle Count	Barcode Scans
Kensington	100,886	49,734
Stony Creek	100,065	56,518
Lower Huron/Willow/ Oakwoods	64,878	24,385
Lake St. Clair	63,505	8,388
Lake Erie	32,530	14,125
Hudson Mills	30,133	10,158
Indian Springs	13,463	7,003
Huron Meadows	12,314	1
Other	n/a	209
Total	**417,774**	**170,521**

The chart to the left shows vehicle counts and barcode scans for each park by the numbers.

Data Caveats: Wolcott Mill does not have a scanner in the Farm Center tollbooth, nor at the Historic Center, Camp Rotary or the North Branch Trails. The Bemis Road tollbooth at Lower Huron, tollbooth #2 at Lake Erie and the Oakwoods tollbooth are all without scanners. Without a tollbooth, there is no scanning occurring at Huron Meadows.

Lake St. Clair was servicing the booths for AC unit installs throughout this time, which caused connectivity issues and suspended scanning for substantial periods.

Kensington also experienced internet issues around the golf maintenance building that brought down toll booth #5's scanning abilities for a while and during extremely busy times, operators waved the cars in.

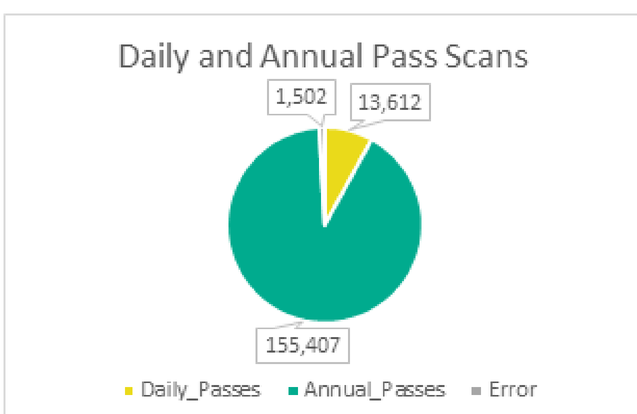
Stony Creek reported scanning suspensions due to high traffic volume and power outages on the following days: May 16, 25, 29, 30, June 6 and 7.

Lower Huron did not toll have tolling on May 19 and May 20 due to flooding as well as on June 12 and 13 due to the scanner not being charged.

Barcodes from 2019 were scanned 445 times (365 unique barcodes).

Of the total barcode scans, 93 percent (159,357) had a valid U.S. zip code attached and 79 percent came from zip codes within the Metroparks five-county jurisdiction. Refused or bad zip codes and zip codes from outside of the five counties, made up the other 21 percent of scans.

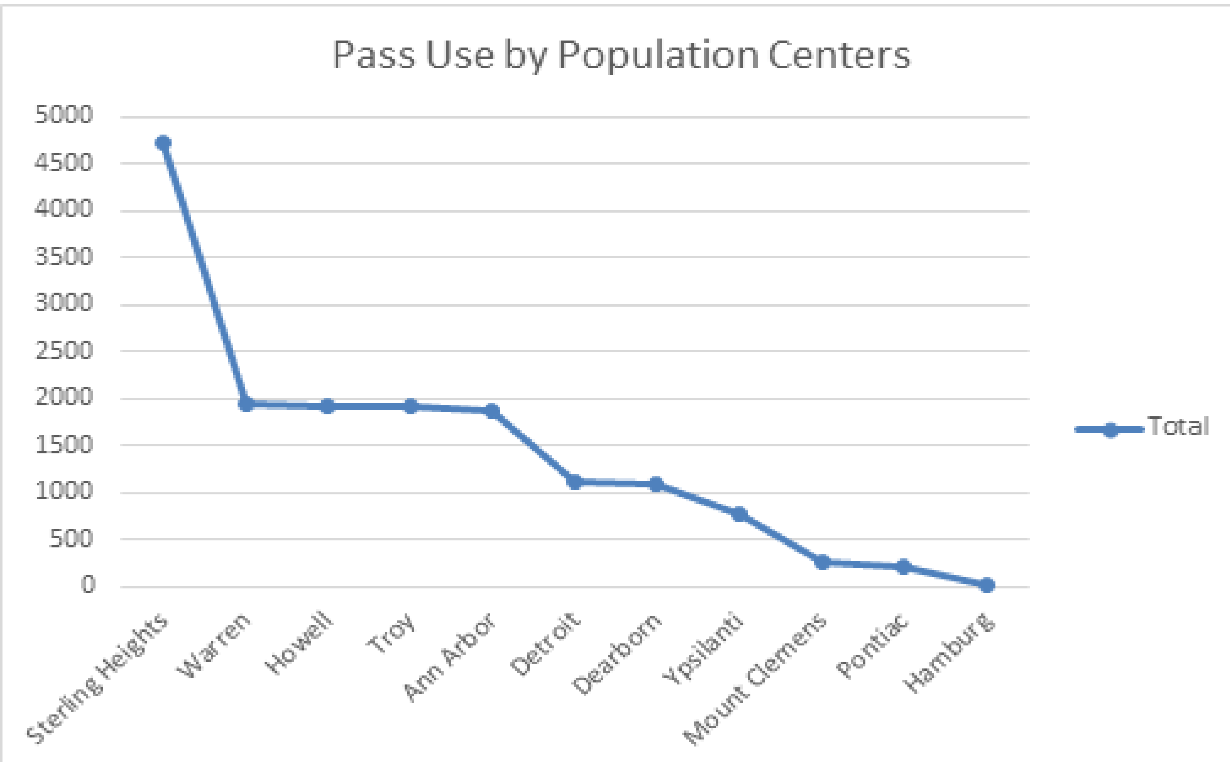
The below pie chart shows the breakdown of daily passes, annual passes and barcode errors scanned. Annual passes made up 91 percent of the barcodes, while daily passes accounted for 8 percent and barcode errors for the other 1 percent.



Year-Over-Year Comparison
A year-over-year comparison of the total number of barcode scans for this period shows a 5 percent increase in barcode scanning in 2020 over 2019.

- **2019:** 162,967 scans
- **2020:** 170,521 scans

Pass Use by Population Centers
The population centers and county seats listed in the below chart, make up 34 percent of the total population of the five-county area. In this time frame, however, residents from these locales account for just 9 percent of the total scans.



Below is a breakdown of total scans this month by county and place.

Livingston County

Place	Total Scans
Brighton	3635
Fowlerville	156
Gregory	252
Hamburg	25
Hartland	332
Howell	1924
Pinckney	936
Grand Total	**7260**

Macomb County

Place	Total Scans
Utica	9629
Sterling Heights	4742
Macomb	4641
Washington	4148
Clinton Township	2703
Warren	1956
New Baltimore	1348
Harrison Township	1132
Saint Clair Shores	968
Romeo	834
Roseville	624
Fraser	279
Mount Clemens	267
New Haven	229
Eastpointe	223
Ray	168
Armada	127
Center Line	124
Richmond	100
Grand Total	**34,242**

Oakland County

Places	Total Scans
Rochester	4323
Milford	3939
South Lyon	2938
White Lake	2387
Troy	1919
Novi	1705
Farmington	1579
Waterford	1297
New Hudson	1242
Highland	1216
Royal Oak	1046
Commerce Township	1038
West Bloomfield	959
Clarkston	732
Walled Lake	674
Holly	602
Auburn Hills	584
Wixom	578
Bloomfield Hills	557

Oakland County (con't)

Places	Total Scans
Madison Heights	459
Southfield	416
Lake Orion	383
Ferndale	324
Birmingham	311
Davisburg	250
Berkley	228
Pontiac	215
Oakland	215
Hazel Park	211
Franklin	194
Clawson	188
Oxford	181
Oak Park	177
Huntington Woods	109
Ortonville	87
Leonard	79
Keego Harbor	57
Pleasant Ridge	54
Grand Total	**33,453**

Wayne County

Place	Total Scans
Allen Park	529
Belleville	4663
Canton	1457
Dearborn	1098
Dearborn Heights	619
Detroit	1121
Ecorse	33
Flat Rock	2092
Garden City	308
Grosse Ile	357
Grosse Pointe	366
Hamtramck	291
Harper Woods	77
Highland Park	25
Inkster	140
Lincoln Park	428
Livonia	1437
Melvindale	152
New Boston	2888
Northville	919
Plymouth	577

Wayne County (con't)

Place	Total Scans
Redford	363
River Rouge	10
Riverview	435
Rockwood	2881
Romulus	1415
Southgate	1092
Taylor	1283
Trenton	2280
Wayne	264
Westland	920
Wyandotte	791
Grand Total	**31311**

Washtenaw County

Place	Total Scans
Ann Arbor	1879
Chelsea	408
Dexter	4229
Manchester	38
Milan	82
Saline	236
Whitmore Lake	536
Willis	42
Ypsilanti	763
Grand Total	**8213**

Maps: Click here to view an interactive map of total scans by county and Zip Code.

Annual & Daily Pass Sales (May 16 – June 15, 2020)

Metropark	Annual	*% of Park Total*	Daily	*% of Park Total*
Lake St. Clair	8,489	*33*	17,201	*67*
Stony Creek	12,973	*33*	26,787	*67*
Wolcott Mill	*Farm Center & Historic Center closed during reporting period*			
Hudson Mills	1,930	*49*	1,977	*51*
Dexter-Huron	692	*55*	577	*45*
Delhi (+ livery)	342	*32*	739	*68*
Huron Meadows	81	*85*	14	*15*
Kensington	13,093	*37*	22,061	*63*
Indian Springs	1,779	*44*	2,263	*56*
Lake Erie	2,681	*40*	3,967	*60*
Lower Huron	2,136	*41*	3,012	*59*
Willow	1,334	*46*	1,548	*54*
Oakwoods	453	*43*	603	*57*
SYSTEM TOTAL	***45,983***	***36***	***80,749***	***64***

To:	Board of Commissioners
From:	Mike Henkel, Chief of Engineering Services
Project No:	509-19-554
Project Title:	Report – Boat Launch Building Redevelopment
Project Type:	Capital Improvement
Location:	Stony Creek Metropark
Date:	July 2, 2020

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the Boat Launch Building Redevelopment report as recommended by Chief of Engineering Services, Mike Henkel and staff.

Background: At the January 2020 Board meeting, the proposal for design services from the firm of Straub, Pettitt, Yaste was accepted to provide engineering and architectural services for the development of the Stony Creek Boat Launch restroom building.

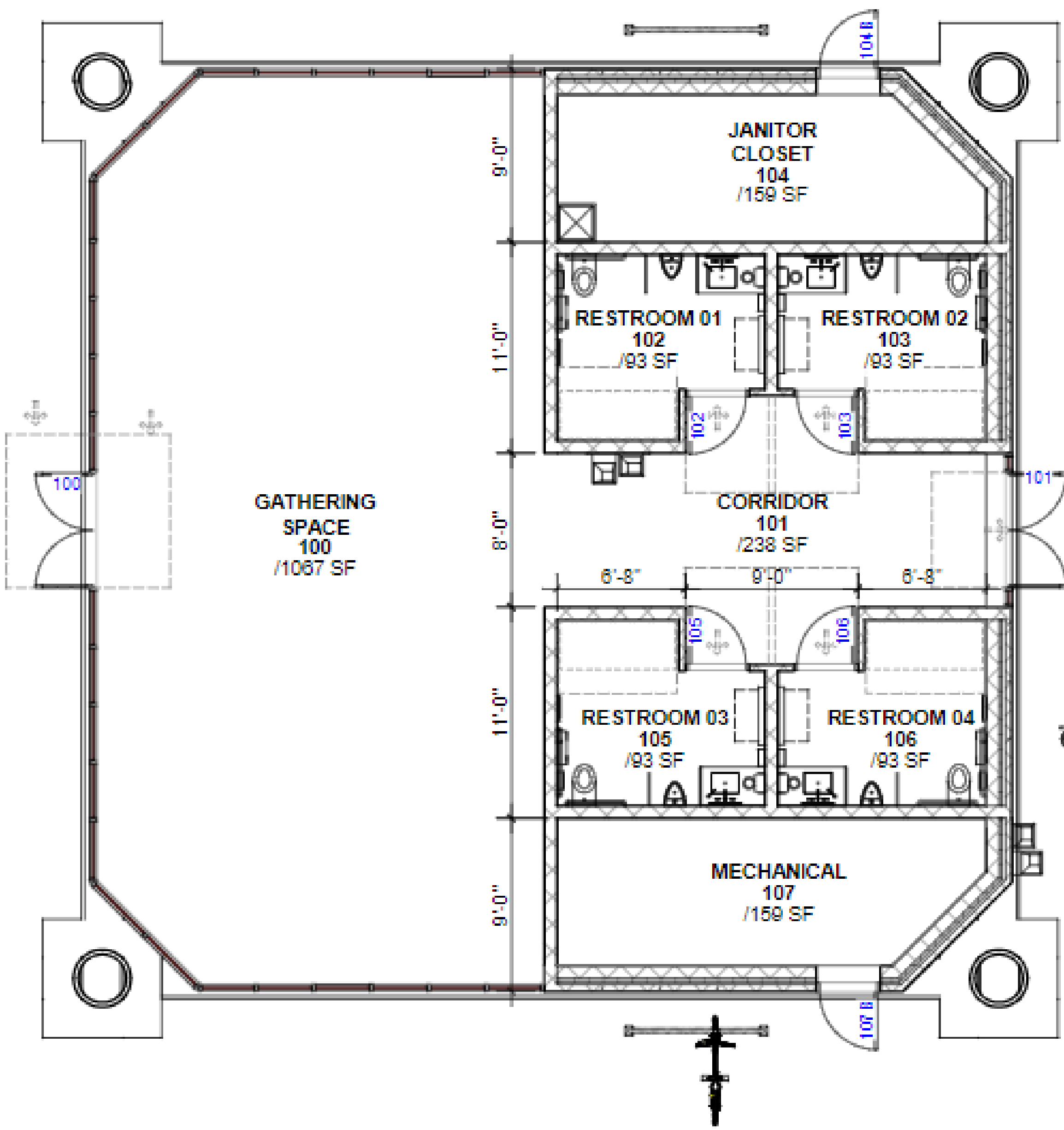
Since January, Planning, Executive, Engineering and park staff have work with the architect to formulate a design that would work well for the current location while working within the $1.75 million project budget. The site concept was approved at the November 2019 Board meeting and addressed the buildings location and site ammendities, which included a shelter and associated walks.

Staff is finishing the conceptual phase of the design for the building and will move to full architetual drawings and then bid the project for construction. A new construction schedule is under development due to delays caused by the COVID-19 pandemic. Attached are building renderings and the prevoisly approved site concept. The parking lot is currently targeted to start after the Independnece Day holiday with completion is slated for the fall.

Attachment: **Building Site Renderings**
Proposed Floorplan

Stony Creek Building Concept

Stony Boat Launch Proposed Floorplan



HURON-CLINTON METROPARKS

To:	Board of Commissioners
From:	Mike Henkel, Chief of Engineering Services
Project No:	510-19-314
Project Title:	Approval – Golf Course Culvert Repair
Project Type:	Capital Improvement
Location:	Willow Metropark
Date:	July 2, 2020

Action Requested: **Motion to Approve**

That the Board of Commissioners approve a change order to Contract 510-19-314 to DP Schweihofer Excavating in the amount of $128,380 for the replacement of two sets of culverts at the Willow Golf Course as recommended by Chief of Engineering Services Mike Henkel and staff.

Fiscal Impact: In the 2020 budget, $225,000 was allocated for the replacement of culverts at the Willow Golf Course. In the fall 2019, a contract was awarded for $64,190 to replace one set of culverts that failed, which the contractor is finishing now due to construction delays. Schweihofer Excavating is on site and has agreed to replace the additional two sets of culverts at the same bid price of $64,190 each for a total of $128,380. The project is under budget by $96,620.

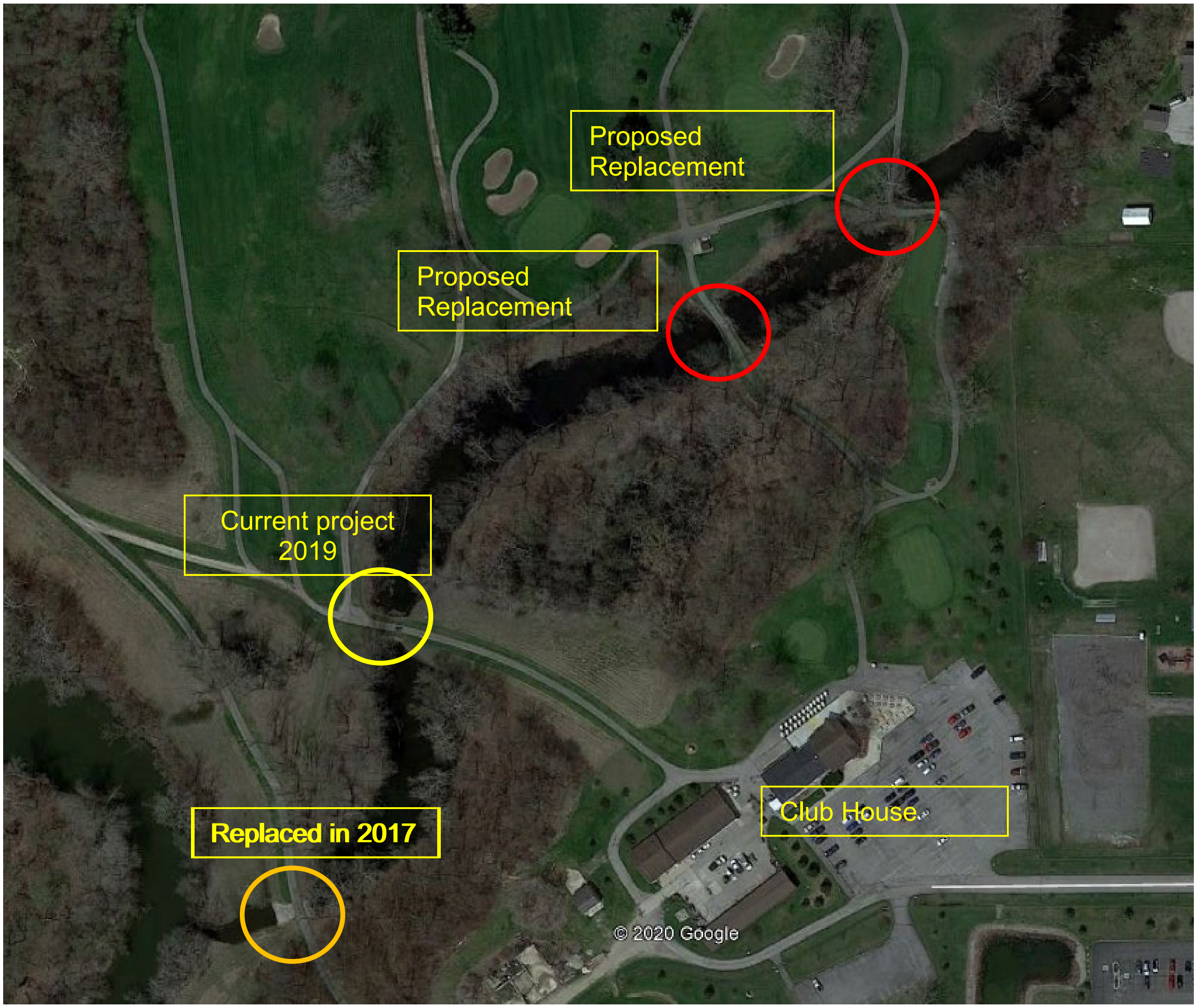
Scope of Work: Work includes the removal of the existing corrugated metal pipe culvert, installation, cutting back the existing asphalt, excavation, installation of new pipe bedding material, placing new culvert sections, placing pave surface and site restoration.

Background: The contractor currently working on site was awarded the contract to replace the second pair of culverts on the Willow golf course at the Oct. 11, 2019 Board meeting. The first set of culverts were replaced in 2017. Additional funding was added to the 2020 budget to address the other deteriorating culverts.

The contractor has not been able to start work due to high water and flooding as well as the shut-down of all non-essential construction due to the pandemic. While the work was underway to repair the current set of culverts, the next set of culverts upstream started to wash out and fail due to their deteriorated condition and high spring flows. Since the contractor is still onsite and mobilized it is advantageous to have him complete the work. The culverts allow the passage of the golfers, carts and work vehicle to access the golf course which connects to the starter building across from the Hale Drain.

2020 Budgeted Amount for Contract Services	$ 225,000.00
- Work Order Amount	
o Contract Amount – DP Schweihofer (Change Order)	$ 128,380.00
o Contract Administration	$ 4,000.00
o Total Proposed Work Order Amount	$ 132,380.00

Willow Golf Course



Late Addition

To: Board of Commissioners
From: Amy McMillan, Director
Subject: Approval – Body Cameras, Police Department
Date: July 7, 2020

Action Requested: Motion to Approve

That the Board of Commissioners (1) approve the use of body cameras for Metroparks Police Offices; and (2) approve the purchase of 52 body cameras by Watchguard in the amount of $137,534 as recommended by Director Amy McMillan and staff.

Fiscal Impact: This is an unbudgeted purchase; however, staff anticipates that MMRMA will award a grant in the amount of $64,000 and the remaining funds are available in the park operations budgets.

Background: Chief Mike Reese approached me with a request to consider the purchase of body cameras for the Metroparks Police Department shortly after the death of George Floyd. Chief Reese uniformly condemned the actions of the police officers in Minneapolis and expressed his belief that body cameras for police officers are an important objective, impartial tool for holding officers accountable for violations of both departmental policies and the law, while at the same time protecting officers if a false claim is made against them. Chief Reese's command staff strongly supports his position on body cameras, as do many of our police officers.

I concurred with Chief Reese's request to purchase body cameras for the Metroparks Police Department and directed him to conduct research as to the best products to meet our needs, hardware costs, data storage costs, availability, and any funding opportunities to offset costs to the Metroparks.

Chief Reese has sought input and advice from Chief of Information and Technology Robert Rudolph as regards software and data storage. The recommendation for cloud-based data storage is a direct result of these discussions.

Chief Reese and Chief of Diversity, Equity, and Inclusion Artina Sadler have had candid conversations about the high value of body cameras by law enforcement officers.

Additionally, Chief Reese consulted with colleagues at the Cleveland Metroparks Police Department, Sterling Heights Police Department and the Macomb County Sheriff's Department.

In researching products and options, Chief Reese solicited quotes from the three best-known providers of body cameras, along with a request for data storage options and costs.

After reviewing specifications, staff is requesting Board approval for the quote from Watchguard for the purchase of body cameras and a subscription to cloud-based storage for the following reasons:

- WatchGuard is the leading provider of mobile solutions for law enforcement
- Its new V300 is the next generation in technology
  - Wi-Fi Base
  - 24-hour battery life and the battery can be changed without interrupting/interfering with the integrity of the recording
  - Resolution details in bright verses dark lighting situations
  - Dual microphones for wind noise reduction
  - Stores 24-36 hours of activity
  - Prevents unauthorized access to data
- The system allows the intelligence to collaborate, simultaneously capturing an incident from multiple vantage points ensuring the integrity and details of the scene.

Body Camera cloud solution is the best approach because it provides unlimited storage and the ability to expand storage of video files. Annual cost after year one is $32,000. On premise storage will limit the amount of storage and the cost to expand storage would be $40,000 each time staff needs to refresh hardware or expand storage. The WatchGuard system has a record-after-the-fact that will continuously capture video during a shift and store in a buffer area in flash memory. If a need arises, the authorized administrator can retrieve the data. There is also an incident recovery that allows an officer to extend recording and/or the ability for recording even when the officer has not activated their camera. In the real world, sometimes there is not time to activate your device, but with the V300 it is automatic.

In ordinary circumstances, staff would typically issue a formal RFP soliciting bids. However, staff is instead asking you to approve the purchase from the quotes provided. The product is available in the quantities we require and can be delivered in approximately six weeks.

Staff are concerned that the product may not be readily available if there is a delay in ordering to initiate a formal bid process, as we are competing for supplies with departments around the country. Additionally, because the number of units we require is quite small in comparison to other police agencies, staff is not optimistic that providers would take the time to respond to a formal bid process. We do not take lightly the request to use quotes rather than formal bids, but firmly believe it is in the best interest of the Metroparks to do so given the circumstances.

Attachments: **Letter from Chief Reese**
Letter from Chief of DEI Sadler
Product Quotes

Metroparks Police Department

Official Memorandum

Chief Michael Reese

To: **Amy McMillan, Director**
From: **Michael Reese, Chief of Police**
Date: **June 30, 2020**
Re: **Body Worn Cameras**

We are witnessing unprecedented disdain for the police community today. No trust. No confidence. No respect. The good have been tossed in with the bad and there seems to be no end in sight. How do we address the concerns that have been brought forth in these tumultuous times? How do we regain the trust and respect of our communities? The cry for transparency and accountability has been shouted. As we watched in horror, the death of a man by a police officer that was hired to "serve and protect". No matter your beliefs, the image is real, and it speaks volumes to the need for transparency and accountability.

With the explosion of video from cellphones and cameras, it is warranted that we have police officers outfitted with body worn cameras. Not as a fad or a ploy, but as a protective tool that reveals the activities of the person/persons involved. With the technology and equipment that is available today, we must take the opportunity to incorporate this into our resources and have it be a significant part of police officer's daily back-up. We can no longer sit back and believe that documentation and evidence should be a crucial part of a police officer's day-to-day work and uniform. There is a must that we begin to protect the integrity of police officers and the people/community we serve.

Our request is for body worn cameras and the data storage system. We would be foolish to continue to believe that us versus them mentality will resolve any issues. Just look at where we are and where we find the country and ourselves at.

We find that as we serve our park community, we need to be present without a display of being tactical or not engaged. The Metroparks serves more than nine million visitors a year with a very diverse patronage. At times, we have experienced issues that relate to the lack of ability to communicate in a proper and effective manner. It will come down to their word verses an officer. Without the proper tools to ascertain the authenticity of the truth, an issue can go unanswered with the issues not being exposed until another incident arises. We want to curtail this. It is time to invest in body worn cameras. We can no longer assume this will not happen to us or that this can't happen here. The time is now to be proactive and not reactive.

The solving of a problem will be through transparency and accountability. Too often, investigations of misconduct are hampered because we lack instruments necessary to help us proceed. Internal investigations will have the documentation from body worn cameras, reports, victim and witness statements to substantiate incidents of conduct and/or misconduct. We will have an opportunity to incorporate additional policy and procedure addressing the viability and accountability for the implementation of body worn cameras. It is time for us to move into this new era. Progress and changes are happening all around us and we need to be on board. As we get on board, we are seeking grant monies to help with funding through sources such as MMRMA.

In closing, body cameras footage provides critical evidence for internal and external investigations of police conduct. This offers the community members a detailed, first-hand account of what happened during an encounter. It is no surprise then, that body cameras have widespread support from both the public and police agencies. This appears poised to be become a standard in law enforcement.

HURON-CLINTON METROPARKS

THEY'RE YOUR METROPARKS.
TAKE A WALK ON OUR WILD SIDE.

Administrative Office | 13000 High Ridge Drive, Brighton MI 48114-9058 | 810-227-2757 | metroparks.com

TO: **Amy McMillan, Director**
FROM: **Artina Sadler, Chief of DEI**
DATE: **July 2, 2020**
RE: **Metroparks Police Department Body Worn Cameras**

We are in an unprecedented time. The murders of George Floyd, Brianna Taylor and so many more, by police officers, have led to a nation-wide declaration…***policing without accountability will no longer be tolerated.*** The Metroparks Police department is not exempt from this declaration.

As Chief of Diversity, Equity and Inclusion (DEI), I strongly support the recommendation to purchase police body wear cameras and the data storage system for the Metroparks Police Department. I support the purchase of body worn cameras because we have an obligation to be as transparent with our policing as possible. The purchase of the data storage system will increase accountability. Transparency and accountability not only protect our patrons but our officers as well.

We must not wait until trouble finds the Metroparks before we act. The Metroparks is an organization *expressly* committed to DEI. As such, we must take every opportunity to demonstrate that commitment to our employees and our patrons. The purchase of body worn cameras and the data storage system, along with the new policy and practice standards that should be inherent to these purchases, will exemplify what it means to be DEI leaders in the parks and recreation industry.

I commend Chief Reese's effort to be proactive by increasing transparency and accountability in our police department. I fully support this recommendation and hope you will also.

Sincerely,

Artina Sadler

WATCH GUARD

4RE/VISTA Price Quote

CUSTOMER: Metro Bch Metro Park Police Department

ISSUED: 6/25/2020 4:27 PM

EXPIRATION: 9/30/2020 5:00 AM

,
PO Box 46905,,
Mt Clemens,MI,,
48046

TOTAL PROJECT ESTIMATED AT: $137,534.00

ATTENTION: Chief Michael Reese

SALES CONTACT: David Stum

PHONE: (810) 227-2757

DIRECT: (469) 640-5201

E-MAIL: Michael.Reese@metroparks.com

E-MAIL: david.stum@motorolasolutions.com

Dave Lowry – Regional Sales Manager
317-697-7295
dave@enforcementproducts.com

V300 Proposal

VISTA HD Cameras and Options

Part Number	Detail	Qty	Direct	Discount	Total Price
VIS-300-BWC-001	V300, Body Worn Camera, 1080P, WiFi/Bluetooth with Removable Battery	56.00	$995.00	$48.00	$53,032.00
VIS-300-VTS-KIT	Transfer Station II Kit, Incl. Power & AC Cables, Label and Docs	7.00	$1,495.00	$171.00	$9,268.00
VIS-300-BAT-RMV	V300, Battery, Removable and Rechargable, 3.8V, 4180mAh	56.00	$99.00	$0.00	$5,544.00
WAR-300-CAM-NOF	Warranty, V300 3 Year, No-Fault	56.00	$450.00	$0.00	$25,200.00

Shipping and Handling

Part Number	Detail	Qty	Direct	Discount	Total Price
Freight	Shipping/Handling and Processing Charges	1.00	$980.00	$0.00	$980.00
					$94,024.00

4RE and VISTA Proposal

Additional Software and Licensing

Part Number	Detail	Qty	Direct	Discount	Total Price
KEY-WGV-RED-E01	Software, REDACTIVE(sm), Enterprise User License, Rev 3.0	1.00	$5,995.00	$0.00	$5,995.00
WAR-WGR-MNT-3YR	REDACTIVE(sm), Software Support & Maintenance, 3-Year Bundle	1.00	$2,795.00	$0.00	$2,795.00

WatchGuard Video Technical Services

Part Number	Detail	Qty	Direct	Discount	Total Price
SVC-4RE-ONS-400	4RE System Setup, Configuration, Testing and Training (WG-TS)	1.00	$2,500.00	$0.00	$2,500.00

Shipping and Handling

Part Number	Detail	Qty	Direct	Discount	Total Price
Freight	Shipping/Handling and Processing Charges	1.00	$0.00	$0.00	$0.00

WATCH GUARD

4RE/VISTA Price Quote

$11,290.00

EvidenceLibrary.com

Evidence Library 4 Web Software and Licensing

Part Number	Detail	Qty	Direct	Discount	Total Price
ELC-SAH-UNL-ASD	Evidencelibrary.com, Software and Hosting, Unlimited Assigned, Annually per device	56.00	$495.00	$0.00	$27,720.00

Server Hardware and Software

Part Number	Detail	Qty	Direct	Discount	Total Price
HDW-UPL-SRV-501	Server, Upload, 1U, EvidenceLibrary.com, 60 Concurrent Devices, 5 Year Warranty	1.00	$4,500.00	$0.00	$4,500.00

$32,220.00

Total Estimated Tax, may vary from State to State $0.00

Configuration Discounts	**$3,885.00**
Additional Quote Discount	**$0.00**
Total Amount	**$137,534.00**

NOTE: This is only an estimate for 4RE & VISTA related hardware, software and WG Technical Services. Actual costs related to a turn-key operation requires more detailed discussion and analysis, which will define actual back-office costs and any costs associated with configuration, support and installation. Please contact your sales representative for more details.

To accept this quotation, sign, date and return with Purchase Order: ____________________ DATE: __________

#2

AXON

Huron-Clinton Metropolitan Authority PD - MI

AXON SALES REPRESENTATIVE
Robbie Taylor

rtaylor@axon.com

ISSUED
7/2/2020

Year 1 (Continued)

Item	Description	Term (Months)	Quantity	List Unit Price	Net Unit Price	Total (USD)
Hardware (Continued)						
87061	TECH ASSURANCE PLAN 1-BAY BODY 3 DOCK PAYMENT	12	8	114.00	114.00	912.00
Other						
71019	NORTH AMER POWER CORD FOR AB3 8-BAY, AB2 1-BAY / 6-BAY DOCK		6	0.00	0.00	0.00
71104	NORTH AMER POWER CORD FOR AB3 1-BAY DOCK		8	0.00	0.00	0.00
73827	AB3 CAMERA TAP WARRANTY	60	55	0.00	0.00	0.00
73828	AB3 8 BAY DOCK TAP WARRANTY	60	6	0.00	0.00	0.00
73831	10 GB EVIDENCE.COM A-LA-CART STORAGE PAYMENT	12	800	4.80	4.80	3,840.00
73666	AWARE PLUS PAYMENT	12	58	300.00	300.00	17,400.00
73841	EVIDENCE.COM BASIC LICENSE PAYMENT	12	47	180.00	180.00	8,460.00
73837	EVIDENCE.COM PROFESSIONAL LICENSE PAYMENT	12	11	468.00	468.00	5,148.00
Services						
85144	AXON STARTER		1	2,750.00	2,750.00	2,750.00
					Subtotal	108,129.00
					Estimated Shipping	0.00
					Estimated Tax	0.00
					Total	108,129.00

Spares

Item	Description	Term (Months)	Quantity	List Unit Price	Net Unit Price	Total (USD)
Hardware						
73202	AXON BODY 3 - NA10		1	699.00	0.00	0.00
74028	WING CLIP MOUNT, AXON RAPIDLOCK		1	0.00	0.00	0.00
11534	USB-C to USB-A CABLE FOR AB3 OR FLEX 2		1	0.00	0.00	0.00
87063	TECH ASSURANCE PLAN BODY 3 CAMERA PAYMENT	12	1	336.00	0.00	0.00
Other						
73827	AB3 CAMERA TAP WARRANTY	60	1	0.00	0.00	0.00
					Subtotal	0.00
					Estimated Tax	0.00
					Total	0.00

Year 3 (Continued)

Item	Description	Term (Months)	Quantity	List Unit Price	Net Unit Price	Total (USD)
Other (Continued)						
73313	1-BAY DOCK AXON BODY CAMERA REFRESH ONE		8	0.00	0.00	0.00
73689	MULTI-BAY BWC DOCK MID REFRESH		6	0.00	0.00	0.00
73309	AXON BODY CAMERA REFRESH ONE		55	0.00	0.00	0.00
73309	AXON BODY CAMERA REFRESH ONE		1	0.00	0.00	0.00
					Subtotal	56,364.00
					Estimated Tax	0.00
					Total	56,364.00

Year 4

Item	Description	Term (Months)	Quantity	List Unit Price	Net Unit Price	Total (USD)
Hardware						
87061	TECH ASSURANCE PLAN 1-BAY BODY 3 DOCK PAYMENT	12	8	114.00	114.00	912.00
87062	TECH ASSURANCE PLAN 8-BAY BODY 3 DOCK PAYMENT	12	6	354.00	354.00	2,124.00
87063	TECH ASSURANCE PLAN BODY 3 CAMERA PAYMENT	12	55	336.00	336.00	18,480.00
Other						
73837	EVIDENCE.COM PROFESSIONAL LICENSE PAYMENT	12	11	468.00	468.00	5,148.00
73841	EVIDENCE.COM BASIC LICENSE PAYMENT	12	47	180.00	180.00	8,460.00
73666	AWARE PLUS PAYMENT	12	58	300.00	300.00	17,400.00
73831	10 GB EVIDENCE.COM A-LA-CART STORAGE PAYMENT	12	800	4.80	4.80	3,840.00
					Subtotal	56,364.00
					Estimated Tax	0.00
					Total	56,364.00

Year 5

Item	Description	Term (Months)	Quantity	List Unit Price	Net Unit Price	Total (USD)
Hardware						
87061	TECH ASSURANCE PLAN 1-BAY BODY 3 DOCK PAYMENT	12	8	114.00	114.00	912.00
87062	TECH ASSURANCE PLAN 8-BAY BODY 3 DOCK PAYMENT	12	6	354.00	354.00	2,124.00
87063	TECH ASSURANCE PLAN BODY 3 CAMERA PAYMENT	12	55	336.00	336.00	18,480.00

AXON

Discounts (USD)

Quote Expiration: 07/15/2020

List Amount	334,620.00
Discounts	1,035.00
Total	**333,585.00**

**Total excludes applicable taxes*

Summary of Payments

Payment	Amount (USD)
Year 1	108,129.00
Spares	0.00
Year 2	56,364.00
Year 3	56,364.00
Year 4	56,364.00
Year 5	56,364.00
Grand Total	**333,585.00**

#3

Proposal For Huron-Clinton Metro

ComSource INCORPORATED

07/06/20

MOTOROLA
Authorized Two-Way Radio Dealer

Proposal for:
Robert Rudolf Jr.
Huron-Clinton Metropoliton Authority
13000 High Ridge drive
Brighton, MI 48114
810-494-6035

Submitted by:
Gary Luzier
ComSource, Inc.
41271 Concept Drive
Plymouth, MI 48170
734-738-0800 mobile 586-703-8861
734 459 0769 Fax
garyluzier@comsourcemi.com

Huron-Clinton Panasonic Body Worn Camera

Quantity	Description	Your Price	Extended
56	The Arbitrator Body Worn Camera BWC3 Control Unit	$ 875.00	$ 49,000.00
8	8 bay docking station- charge and off-load of content	$ 1,650.00	$ 13,200.00
56	3-year software support	$ 200.00	$ 11,200.00
56	Pretection-plus coverage (1 full replacement over 3-years otherwise repair)	$ 180.00	$ 10,080.00
56	ARB-BWC3 basic Maintenance Kit including magnetic mount and attatchment	$ 140.00	$ 7,840.00
1	Professional installation,training,software configuration and setup is to be determined	TBD	TBD
	SOW will be determined upon installation of on-site backup and storage configuration		

Corporate Check / Visa / Mastercard / Purchase Order
10 business days - Plus FCC Coordination Time

Sub-Total	$ 91,320.00
Tax	$ 5,479.00
Freight	$ 1,820.00
Total	**$ 98,619.00**

Thank you for allowing ComSource to serve you!
Sincerely
Gary Luzier
ComSource

HURON-CLINTON METROPARKS MONTHLY STATISTICS **June, 2020**

PARK	MONTHLY VEHICLE ENTRIES			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	87,445	61,673	58,250	50%
Wolcott Mill	2,133	3,483	5,377	-60%
Stony Creek	132,907	91,304	84,886	57%
Indian Springs	15,398	12,669	12,913	19%
Kensington	124,545	99,317	99,642	25%
Huron Meadows	14,529	10,828	10,770	35%
Hudson Mills	36,756	22,154	23,986	53%
Lower Huron/Willow/Oakwoods	63,872	58,390	61,566	4%
Lake Erie	32,625	25,961	25,586	28%
Monthly TOTALS	**510,210**	**385,779**	**382,976**	33%

PARK	MONTHLY TOLL REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	$ 482,204	$ 326,852	$ 295,029	63%
Wolcott Mill	$ 1,462	$ 5,363	$ 6,962	-79%
Stony Creek	$ 741,282	$ 534,839	$ 462,543	60%
Indian Springs	$ 70,131	$ 57,187	$ 50,492	39%
Kensington	$ 684,600	$ 474,857	$ 438,524	56%
Huron Meadows	$ 2,947	$ 2,329	$ 3,219	-8%
Hudson Mills	$ 132,619	$ 66,260	$ 74,273	79%
Lower Huron/Willow/Oakwoods	$ 153,055	$ 179,764	$ 169,879	-10%
Lake Erie	$ 116,090	$ 98,795	$ 94,211	23%
Monthly TOTALS	**$ 2,384,390**	**$ 1,746,246**	**$ 1,595,131**	49%

PARK	Y-T-D VEHICLE ENTRIES			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	253,684	179,606	177,431	43%
Wolcott Mill	9,596	16,229	25,068	-62%
Stony Creek	376,713	231,300	245,968	53%
Indian Springs	51,127	36,745	38,249	34%
Kensington	431,350	352,163	355,028	21%
Huron Meadows	49,188	37,661	39,042	26%
Hudson Mills	131,365	88,293	90,539	45%
Lower Huron/Willow/Oakwoods	282,967	237,718	250,027	13%
Lake Erie	117,787	86,443	85,968	37%
Monthly TOTALS	**1,703,777**	**1,266,158**	**1,307,321**	30%

PARK	Y-T-D TOLL REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	$ 1,123,506	$ 852,219	$ 847,007	33%
Wolcott Mill	$ 3,967	$ 61,045	$ 39,332	-90%
Stony Creek	$ 1,994,754	$ 1,326,804	$ 1,345,306	48%
Indian Springs	$ 226,206	$ 176,621	$ 177,280	28%
Kensington	$ 1,877,680	$ 1,476,943	$ 1,507,307	25%
Huron Meadows	$ 25,748	$ 33,665	$ 31,158	-17%
Hudson Mills	$ 371,818	$ 262,434	$ 282,611	32%
Lower Huron/Willow/Oakwoods	$ 514,598	$ 437,574	$ 476,610	8%
Lake Erie	$ 449,119	$ 349,216	$ 348,621	29%
Monthly TOTALS	**$ 6,587,396**	**$ 4,976,521**	**$ 5,055,233**	30%

PARK	MONTHLY PARK REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	$ 527,413	$ 457,388	$ 409,960	29%
Wolcott Mill	$ 8,407	$ 16,222	$ 20,107	-58%
Stony Creek	$ 1,124,315	$ 842,457	$ 760,132	48%
Indian Springs	$ 242,907	$ 210,282	$ 199,638	22%
Kensington	$ 1,031,523	$ 875,676	$ 783,061	32%
Huron Meadows	$ 167,909	$ 164,195	$ 154,700	9%
Hudson Mills	$ 266,031	$ 180,416	$ 178,376	49%
Lower Huron/Willow/Oakwoods	$ 344,534	$ 557,474	$ 526,737	-35%
Lake Erie	$ 314,660	$ 334,178	$ 325,249	-3%
Y-T-D TOTALS	**$ 4,027,698**	**$ 3,638,288**	**$ 3,357,959**	20%

PARK	Y-T-D PARK REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	$ 1,396,399	$ 1,280,151	$ 1,252,359	12%
Wolcott Mill	$ 42,443	$ 181,583	$ 150,403	-72%
Stony Creek	$ 2,670,612	$ 2,037,896	$ 2,077,040	29%
Indian Springs	$ 518,443	$ 519,421	$ 520,280	0%
Kensington	$ 2,466,091	$ 2,364,467	$ 2,305,951	7%
Huron Meadows	$ 309,713	$ 401,501	$ 380,610	-19%
Hudson Mills	$ 602,409	$ 515,381	$ 526,339	14%
Lower Huron/Willow/Oakwoods	$ 775,222	$ 999,409	$ 1,029,582	-25%
Lake Erie	$ 769,320	$ 766,117	$ 783,192	-2%
Y-T-D TOTALS	**$ 9,550,651**	**$ 9,065,926**	**$ 9,025,757**	6%

District	Y-T-D Vehicle Entries by Management Unit			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Eastern	639,993	427,135	448,467	43%
Western	663,030	514,862	522,859	27%
Southern	400,754	324,161	335,995	19%

District	Y-T-D Total Revenue by Management Unit			
	Current	Previous	Prev 3 Yr Avg	Change from Average
Eastern	$ 4,109,454	$ 3,499,630	$ 3,479,802	18%
Western	$ 3,896,656	$ 3,800,770	$ 3,733,180	4%
Southern	$ 1,544,542	$ 1,765,526	$ 1,812,775	-15%

HURON-CLINTON METROPARKS MONTHLY STATISTICS — June, 2020

GOLF THIS MONTH	MONTHLY ROUNDS				MONTHLY REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Stony Creek	6,265	5,209	5,456	15%	$ 176,421	$ 178,195	$ 181,475	-3%
Indian Springs	5,645	4,447	4,456	27%	$ 168,438	$ 137,993	$ 133,095	27%
Kensington	7,124	6,010	5,644	26%	$ 215,584	$ 199,762	$ 178,125	21%
Huron Meadows	5,513	4,934	4,730	17%	$ 163,812	$ 160,866	$ 150,414	9%
Hudson Mills	5,137	4,034	3,543	45%	$ 122,183	$ 101,857	$ 87,937	39%
Willow	5,814	3,929	4,039	44%	$ 168,018	$ 120,451	$ 118,549	42%
Lake Erie	5,808	4,865	4,579	27%	$ 154,524	$ 133,551	$ 130,222	19%
Total Regulation	**41,306**	**33,428**	**32,447**	**27%**	**$ 1,168,980**	**$ 1,032,675**	**$ 979,817**	**19%**
LSC Par 3	1,673	1,194	1,333	26%	$ 14,194	$ 9,068	$ 8,634	64%
LSC Foot Golf	114	136	129	-12%	$ 876	$ 1,038	$ 919	-5%
Total Golf	**43,093**	**34,758**	**33,909**	27%	**$ 1,184,050**	**$ 1,042,781**	**$ 989,370**	20%

GOLF Y-T-D	GOLF ROUNDS Y-T-D				GOLF REVENUE Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Stony Creek	10,594	10,415	11,303	-6%	$ 294,547	$ 344,869	$ 367,288	-20%
Indian Springs	8,738	9,323	9,413	-7%	$ 261,632	$ 280,471	$ 274,374	-5%
Kensington	11,485	13,785	12,766	-10%	$ 341,298	$ 422,805	$ 384,706	-11%
Huron Meadows	9,155	11,197	10,606	-14%	$ 258,274	$ 344,605	$ 327,414	-21%
Hudson Mills	8,145	8,258	7,531	8%	$ 193,939	$ 195,284	$ 177,626	9%
Willow	7,560	7,253	7,240	4%	$ 211,808	$ 217,329	$ 211,427	0%
Lake Erie	8,791	9,448	9,424	-7%	$ 226,838	$ 253,639	$ 261,358	-13%
Total Regulation	**64,468**	**69,679**	**68,283**	**-6%**	**$ 1,788,336**	**$ 2,059,002**	**$ 2,004,194**	**-11%**
LSC Par 3	2,951	1,848	2,288	29%	$ 24,482	$ 15,044	$ 15,065	63%
LSC Foot Golf	166	206	184	-10%	$ 1,304	$ 1,588	$ 1,310	0%
Total Golf	**67,585**	**71,733**	**70,755**	-4%	**$ 1,814,122**	**$ 2,075,634**	**$ 2,020,569**	-10%

AQUATICS THIS MONTH	PATRONS THIS MONTH				MONTHLY REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair	534	11,484	11,371	-95%	$ 2,140	$ 57,531	$ 56,887	-96%
Stony Creek Rip Slide	0	5,712	6,055	-	$ -	$ 28,592	$ 29,411	-
KMP Splash	6,451	9,044	8,491	-24%	$ 25,976	$ 64,398	$ 54,073	-52%
Lower Huron	0	18,653	18,396	-	$ -	$ 213,918	$ 193,345	-
Willow	509	4,763	4,536	-89%	$ 2,122	$ 22,614	$ 22,312	-90%
Lake Erie	0	8,038	7,945	-	$ -	$ 65,714	$ 65,171	-
TOTALS	**7,494**	**57,694**	**56,795**	-87%	**$ 30,238**	**$ 452,767**	**$ 421,199**	-93%

AQUATICS Y-T-D	PATRONS Y-T-D				REVENUE Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair	534	12,741	13,840	-96%	$ 2,515	$ 63,815	$ 69,243	-96%
Stony Creek Rip Slide	0	6,348	7,333	-	$ -	$ 32,168	$ 35,459	-
KMP Splash	6,451	9,860	10,645	-39%	$ 26,976	$ 75,430	$ 70,652	-62%
Lower Huron	0	19,859	21,614	-	$ -	$ 229,688	$ 227,543	-
Willow	509	5,028	5,261	-90%	$ 2,122	$ 24,390	$ 26,242	-92%
Lake Erie	0	8,581	9,619	-	$ 75	$ 70,853	$ 76,521	-100%
TOTALS	**7,494**	**62,417**	**68,312**	-89%	**$ 31,688**	**$ 496,343**	**$ 505,660**	-94%

HURON-CLINTON METROPARKS MONTHLY STATISTICS **June, 2020**

PARK	Seasonal Activities this Month				Monthly Revenue			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair								
Welsh Center	2	6	7	-73%	$ 2,500	$ 3,300	$ 5,342	-53%
Shelters	103	53	50	106%	$ 21,953	$ 12,650	$ 12,093	82%
Boat Launches	2,763	714	1,191	132%	$ -	$ -	$ -	-
Marina	484	325	330	47%	$ 4,593	$ 6,269	$ 4,028	14%
Mini-Golf	1,788	2,322	2,360	-24%	$ 8,836	$ 8,836	$ 8,693	2%
Wolcott								
Activity Center	4	2	6	-29%	$ 2,000	$ 1,000	$ 1,167	71%
Stony Creek								
Disc Golf Daily	3,082	2,278	2,100	47%	$ 10,196	$ 7,906	$ 7,469	37%
Disc Golf Annual	5	5	6	-12%	$ 300	$ 300	$ 320	-6%
Total Disc Golf	3,087	2,283	2,106	47%	$ 10,496	$ 8,206	$ 7,789	35%
Shelters	130	84	73	78%	$ 29,125	$ 18,825	$ 16,400	78%
Boat Rental	9,518	4,143	3,728	155%	$ 83,998	$ 43,533	$ 39,024	115%
Boat Launches	208	176	220	-5%	$ -	$ -	$ -	-
Indian Springs								
Shelters	20	17	8	140%	$ 2,138	$ 1,775	$ 1,092	96%
Event Room	1	5	5	-80%	$ 2,200	$ 7,634	$ 7,245	-70%
Kensington								
Disc Golf Daily	5,355	4,106	3,921	37%	$ 18,755	$ 16,032	$ 14,169	32%
Disc Golf Annual	58	17	16	255%	$ 3,090	$ 960	$ 893	246%
Total Disc Golf	5,413	4,123	3,938	37%	$ 21,845	$ 16,992	$ 15,063	45%
Shelters	152	77	78	96%	$ 27,745	$ 17,325	$ 17,475	59%
Boat Rental	5,691	3,935	3,430	66%	$ 54,914	$ 55,539	$ 45,817	20%
Huron Meadows								
Shelters	7	5	5	31%	$ 1,150	$ 1,000	$ 1,067	8%
Hudson Mills								
Disc Golf Daily	1,571	985	970	62%	$ 4,713	$ 2,955	$ 2,909	62%
Disc Golf Annual	32	16	14	123%	$ 1,860	$ 900	$ 795	134%
Total Disc Golf	1,603	1,001	984	63%	$ 6,573	$ 3,855	$ 3,704	77%
Shelters	23	16	15	57%	$ 3,700	$ 3,200	$ 2,933	26%
Canoe Rental	0	1,110	1,224	-	$ -	$ 1,103	$ 1,895	-
Lower Huron / Willow / Oakwoods								
Disc Golf Daily	273	112	159	72%	$ 819	$ 336	$ 476	72%
Disc Golf Annual	0	0	2	-	$ -	$ -	$ 103	-
Total Disc Golf	273	112	161	70%	$ 819	$ 336	$ 579	41%
Shelters	59	44	44	33%	$ 11,825	$ 9,400	$ 9,633	23%
Lake Erie								
Shelters	13	17	13	-3%	$ 2,900	$ 3,700	$ 2,867	1%
Boat Launches	3,022	2,764	2,468	22%	$ -	$ -	$ -	-
Marina	0	0	195	-	$ 41,097	$ 28,659	$ 29,708	38%

HURON-CLINTON METROPARKS MONTHLY STATISTICS **June, 2020**

PARK	Seasonal Activities Y-T-D				Seasonal Revenue Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair								
Welsh Center	13	42	38	-66%	$ 17,700	$ 32,525	$ 29,800	-41%
Shelters	171	220	191	-10%	$ 41,486	$ 55,325	$ 48,640	-15%
Boat Launches	4,429	1,058	1,706	160%	$ -	$ -	$ -	-
Marina	484	654	669	-28%	$ 4,593	$ 7,046	$ 6,302	-27%
Mini-Golf	1,788	2,822	2,948	-39%	$ 10,755	$ 10,755	$ 10,884	-1%
Wolcott								
Activity Center	22	21	38	-42%	$ 6,000	$ 13,450	$ 11,033	-46%
Stony Creek								
Disc Golf Daily	6,571	5,695	6,189	6%	$ 21,781	$ 19,408	$ 20,330	7%
Disc Annual	35	100	108	-68%	$ 2,080	$ 5,620	$ 5,920	-65%
Total Disc Golf	6,606	5,795	6,297	5%	$ 23,861	$ 25,028	$ 26,250	-9%
Shelters	219	284	264	-17%	$ 49,001	$ 64,000	$ 59,325	-17%
Boat Rental	11,567	5,081	5,080	128%	$ 100,665	$ 54,278	$ 53,636	88%
Boat Launches	458	382	400	14%	$ -	$ -	$ -	-
Indian Springs								
Shelters	31	49	31	-1%	$ 3,876	$ 7,000	$ 5,200	-25%
Event Room	12	20	25	-52%	$ 22,000	$ 37,834	$ 42,911	-49%
Kensington								
Disc Golf Daily	12,209	9,540	10,180	20%	$ 42,243	$ 32,730	$ 33,076	28%
Disc Annual	178	167	151	18%	$ 9,950	$ 9,780	$ 8,422	18%
Total Disc Golf	12,387	9,707	10,331	20%	$ 52,193	$ 42,510	$ 41,498	26%
Shelters	265	347	312	-15%	$ 55,533	$ 77,863	$ 72,721	-24%
Boat Rental	5,962	4,956	4,869	22%	$ 58,814	$ 70,306	$ 64,844	-9%
Huron Meadows								
Shelters	19	22	20	-5%	$ 3,300	$ 4,400	$ 4,000	-18%
Hudson Mills								
Disc Golf Daily	3,731	3,160	3,811	-2%	$ 11,193	$ 9,480	$ 11,433	-2%
Disc Annual	157	124	145	8%	$ 9,220	$ 7,240	$ 7,982	16%
Total Disc Golf	3,888	3,284	3,956	-2%	$ 20,413	$ 16,720	$ 19,415	5%
Shelters	35	54	69	-49%	$ 5,750	$ 10,800	$ 14,200	-60%
Canoe Rental	156	1,298	1,358	-89%	$ -	$ 1,103	$ 3,794	-
Lower Huron / Willow / Oakwoods								
Disc Golf Daily	649	437	592	10%	$ 1,947	$ 1,311	$ 1,775	10%
Disc Annual	6	7	11	-47%	$ 340	$ 420	$ 622	-45%
Total Disc Golf	655	444	603	9%	$ 2,287	$ 1,731	$ 2,397	-5%
Shelters	132	198	205	-36%	$ 27,100	$ 43,250	$ 44,917	-40%
Lake Erie								
Shelters	31	56	48	-35%	$ 7,000	$ 12,200	$ 10,433	-33%
Boat Launches	9,431	9,215	8,631	9%	$ -	$ -	$ -	-
Marina	0	0	312	-	$ 88,126	$ 72,168	$ 76,194	16%

HURON-CLINTON METROPARKS MONTHLY STATISTICS **June, 2020**

INTERPRETIVE FACILITIES

PARK	Monthly Patrons Served (total program participants and non-program visitors)				YTD Patrons Served (total program participants and non-program visitors)			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	16,230	25,732	21,663	-25%	74,180	87,742	83,143	-11%
Wolcott Mill	1,109	1,008	1,659	-33%	6,835	8,271	11,463	-40%
Wolcott Farm	2,091	3,077	3,896	-46%	5,207	26,775	33,776	-85%
Stony Creek	18,900	19,569	18,888	0%	85,676	88,988	87,229	-2%
Eastern Mobile Center	0	1,066	1,027	-	1,072	6,559	7,264	-85%
Indian Springs	5,625	8,559	7,702	-27%	28,800	37,086	34,533	-17%
Kens NC	43,317	31,061	31,856	36%	197,621	137,011	153,794	28%
Kens Farm	14,259	31,669	25,935	-45%	42,191	122,267	98,763	-57%
Western Mobile Center	0	1,054	547	-	1,954	6,422	4,682	-58%
Hudson Mills	3,500	4,021	3,809	-8%	16,311	21,406	18,947	-14%
Oakwoods	17,754	15,848	16,843	5%	84,008	70,238	73,849	14%
Lake Erie	20,889	15,217	17,915	17%	96,842	72,070	81,776	18%
Southern Mobile Center	0	2,009	1,124	-	1,910	10,205	6,844	-72%
Totals	143,674	159,890	152,864	-6%	642,607	695,040	696,062	-8%

PARK	Monthly Revenue				YTD Revenue			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	$ -	$ 4,824	$ 5,363	-	$ 6,237	$ 16,116	$ 17,834	-65%
Wolcott Mill	$ -	$ -	$ 1,895	-	$ 845	$ 3,456	$ 8,193	-90%
Wolcott Farm	$ -	$ 5,036	$ 5,650	-	$ 2,444	$ 53,426	$ 48,550	-95%
Wagon Rides	$ -	$ -	$ 679	-	$ -	$ -	$ 4,983	-
Livestock/Produce	$ 2,829	$ 1,972	$ 1,438	97%	$ 14,825	$ 32,332	$ 19,469	-24%
FARM TOTAL	$ 2,829	$ 7,008	$ 7,768	-64%	$ 17,269	$ 85,758	$ 73,001	-76%
Stony Creek	$ -	$ 3,023	$ 3,275	-	$ 3,681	$ 12,466	$ 14,893	-75%
Eastern Mobile Center	$ -	$ 1,250	$ 1,017	-	$ 3,013	$ 7,638	$ 7,460	-60%
Indian Springs	$ -	$ 5,693	$ 7,556	-	$ 4,728	$ 16,418	$ 19,489	-76%
Kens NC	$ 4	$ 4,095	$ 4,135	-100%	$ 4,000	$ 20,633	$ 18,441	-78%
Kens Farm	$ 784	$ 5,772	$ 4,995	-84%	$ 13,296	$ 38,668	$ 35,325	-62%
Wagon Rides	$ 300	$ 2,127	$ 2,459	-88%	$ 3,351	$ 8,738	$ 12,941	-74%
Livestock/Produce	$ 300	$ 125	$ 98	207%	$ 1,076	$ 2,008	$ 2,400	-55%
FARM TOTAL	$ 1,384	$ 8,024	$ 7,551	-82%	$ 17,723	$ 49,414	$ 50,666	-65%
Western Mobile Center	$ -	$ 450	$ 496	-	$ 4,050	$ 12,931	$ 11,305	-64%
Hudson Mills	$ -	$ 855	$ 1,569	-	$ 1,562	$ 9,749	$ 9,057	-83%
Oakwoods	$ -	$ 2,826	$ 3,989	-	$ 1,763	$ 14,320	$ 12,668	-86%
Lake Erie	$ -	$ 1,914	$ 1,655	-	$ 1,168	$ 5,786	$ 7,605	-85%
Southern Mobile Center	$ -	$ 1,100	$ 1,642	-	$ 6,045	$ 7,400	$ 9,015	-33%
Totals	$ 4,217	$ 41,061	$ 47,911	-91%	$ 72,083	$ 262,084	$ 259,628	-72%

BREAKDOWN OF ATTENDANCE	ON-SITE Programs and Attendance				OFF-SITE Programs and Attendance			
	CURRENT YEAR		PREVIOUS YEAR		CURRENT YEAR		PREVIOUS YEAR	
	Programs	Attendance	Programs	Attendance	Programs	Attendance	Programs	Attendance
Lake St Clair	-	-	149	2,937	-	-	4	200
Wolcott Mill	-	-	3	58	-	-	-	-
Wolcott Farm	-	-	39	1,594	-	-	-	-
Stony Creek	-	-	28	779	-	-	-	-
Eastern Mobile Center					-	-	28	1,066
Indian Springs	5	39	29	1,989	-	-	-	-
Kens NC	-	-	38	749	-	-	-	-
Kens Farm	-	-	112	1,723	-	-	-	-
Western Mobile Center					-	-	14	1,054
Hudson Mills	-	-	16	378	-	-	4	143
Oakwoods	-	-	50	928	-	-	5	532
Lake Erie	-	-	60	1,013	-	-	1	14
Southern Mobile Center					-	-	37	2,009
Totals	5	39	524	12,148	-	-	93	5,018

BREAKDOWN OF ATTENDANCE	OTHER VISITORS (Non-programs)	
	Current	Previous
Lake St Clair	16,230	22,595
Wolcott Mill	1,109	950
Wolcott Farm	2,091	1,483
Stony Creek	18,900	18,790
Indian Springs	5,586	6,570
Kens NC	43,317	30,312
Kens Farm	14,259	29,946
Hudson Mills	3,500	3,500
Oakwoods	17,754	14,388
Lake Erie	20,889	14,190
Totals	143,635	142,724

"ON-SITE" - Statistics includes both programs offered to the public and programs offered to school and scout groups.

"OFF-SITE" - Statistics includes outreach programs at schools, special events such as local fairs, or outdoor related trade shows.

"OTHER VISITORS" - Represents patrons to interpretive centers who visit to view exhibits, walk trails, and generally just enjoy the outdoors.