

Attending Meetings of City Council

Citizens and guests are welcome to attend Committee of the Whole and Council meetings by sitting in the Gallery.

Council Chambers can accommodate approximately 40 people in the Gallery.

These meetings are business meetings of City Council. Council uses procedural rules to guide the conduct of these meetings.

In addition for those attending and observing the meeting we ask that you read and note the following:

- In general, no behaviour is permitted that interrupts the conduct of a meeting.
- Members of the Gallery are asked to refrain from applauding or booing.
- No one may speak out from the Gallery or use disrespectful language, gestures or offensive words.
- Please turn cell phones to silent/vibrate.
- Taking photos and/or making recordings of any kind are not allowed unless with the permission of the Chair or City Clerk.
- Signs and T-shirts with specific slogans or offensive language are not permitted.
- As a courtesy, please refrain from wearing a hat while in Council Chambers.

Anyone acting contrary to these rules will be asked by the Chair to stop. If the behaviour does not stop, the person shall be requested to leave the room. If the behaviour still continues, the person will be escorted out by security.

Thank you



MEETING: Committee of the Whole

DATE: Monday, June 03, 2019

Reference No. COW - 33/50

OPEN SESSION in S.H. Blake Memorial Auditorium at 6:30 p.m.

Committee of the Whole - Operations Session
Chair: Councillor Brian McKinnon

DISCLOSURES OF INTEREST

CONFIRMATION OF AGENDA

Confirmation of Agenda - June 3, 2019 - Committee of the Whole

With respect to the June 3, 2019 Committee of the Whole meeting, we recommend that the agenda as printed, including any additional information and new business, be confirmed.

PRESENTATIONS

Official Recognition - Citizens of Exceptional Achievement

Memorandum from Ms. K. Power, Deputy City Clerk, dated May 17, 2019 relative to presentation of Monthly Achievement Awards.

Speakers School Program - Presentation

Letter dated May 17, 2019 from Ms. K. Brothie, Secretary - New Directions Speakers School, requesting an opportunity to make a presentation to Council relative to the above noted.

REPORTS OF COMMITTEES

Clean, Green and Beautiful Committee Minutes

Minutes of Meeting No. 01-2019, 02-2019 and 03-2019 of the Clean, Green and Beautiful Committee held on January 16, 2019, February 20, 2019 and March 3, 2019, for information.

REPORTS OF MUNICIPAL OFFICERS

2018 EarthCare Annual Report

Report No. R 88/2019 (Infrastructure & Operations), providing information regarding the progress achieved in 2018 in the implementation of the EarthCare Sustainability Plan, as well as recommending that City Council approve the receipt and expenditure of funding to complete a Community Energy Plan. **(Distributed Separately)**

Memorandum dated May 23, 2019 from Ms. A. Coomes, Sustainability Coordinator - Earthcare Thunder Bay, requesting an opportunity to make a presentation relative to the above noted.

Corporate Energy Management Plan 2019 - 2024

Report No. R 90/2019 (Community Services - Asset Management) recommending that the Corporate Energy Management Plan 2019 - 2024 be adopted by City Council.

Memorandum dated May 10, 2019 from Ms. V. DeGiacomo-Zwares, Energy Analyst - Community Services - Asset Management, requesting an opportunity to provide a PowerPoint Presentation relative to the above noted.

With respect to Report R 90/2019 (Community Services – Asset Management), we recommend that the Corporate Energy Management Plan 2019 – 2024, as outlined in this Report, be adopted by City Council;

AND THAT any necessary by-laws be presented to City Council for ratification.

Rat Prevention and Control – Update

Report No R 87/2019 (Infrastructure & Operations - Environment) recommending that City Council approve the continuation of promoting the Rat Prevention and Control educational campaign, launched in partnership with the Thunder Bay District Health Unit.

With respect to Report R 87/2019 (Infrastructure & Operations – Environment), we recommend that the Rat Prevention and Control educational campaign continue, launched in partnership with the Thunder Bay District Health Unit;

AND THAT Administration report back to City Council in the spring of 2020 on the progress in regard to rat related issues;

AND THAT any necessary By-laws be presented to City Council for ratification.

Eye on the Street

Report No. R 92/2019 (Infrastructure & Operations - Central Support) providing an overview of the Eye on the Street Program and statistics related to the 2018 operations, for information only.

Drinking Water Quality Management Standard - Operational Plan

Report No. R 93/2019 (Infrastructure & Operations - Environment) relative to the above noted, recommending that City Council endorse the DWQMS - Operational Plan. A public viewing copy of the Operational Plan is available at the Bare Point water treatment plant and the Infrastructure & Operations Department in the Victoriaville Civic Centre.

With respect to Report No. 93/2019(Infrastructure & Operations - Environment) we recommend that City Council endorse the Operational Plan as appended;

AND THAT the Mayor and City Clerk be authorized to sign all documentation related to this matter;

AND THAT any necessary By-laws be presented to City Council for ratification.

Confidential Memorandum dated May 21, 2019 from Ms. M. Warywoda, Director - Environment Division **(Distributed separately to City Council and EMT only.)**

Contract 7, 2019 Junot Avenue Reconstruction and Widening Phase III

Report No. R 85/2019 (Infrastructure and Operations - Engineering) relative to the above noted. **(Distributed Separately)**

Revised Sewer Use Control By-Law

Report No. R 74/2019 (Infrastructure & Operations - Environment) relative to the above noted. **(Distributed Separately)**

Contract 9, 2019- Southward Storm Sewers

Report No. R 54 /2019 (Infrastructure and Operations-Engineering) relative to the above noted. **(Distributed Separately)**

Solid Waste Management Strategy Update

Report No. R 27/2019 (Infrastructure & Operations - Environment) outlining the progress made implementing the Solid Waste Management Strategy (SWMS) in 2018 and identifies key planned

Committee of the Whole – June 3, 2019
objectives for 2019, for information only. **(Distributed Separately)**

Contract 5, 2019- Asphalt Surface Rehabilitation II

Report No. R 26/2019 (Infrastructure and Operations-Engineering) relative to the above noted.
(Distributed Separately)

PETITIONS AND COMMUNICATIONS

Engineering Construction Contract Summary 2019

Memorandum dated May 21, 2019 from Ms. K. Dixon, Director - Engineering & Operations relative to Engineering Construction Contract Summary for the period between 2001 - 2018 for information.

Waste Electrical and Electronic Equipment Program - Collection Site Operator Agreement

Memorandum dated May 17, 2019 from Mr. J. Sherband, Manager - Solid Waste and Recycling Services, relative to Waste Electrical and Electronic Equipment Program Collection Site operator Agreement.

With respect to the Memorandum from Mr. J. Sherband, Manager – Solid Waste and Recycling Services, dated May 17, 2019, relative to the Waste Electrical and Electronic Equipment Program, we recommend that the City of Thunder Bay enter into a standard “Collection Site Operator Agreement” with Ontario Electronic Stewardship (OES);

AND THAT the Mayor and Clerk are authorized to execute this Agreement and any other necessary documentation related to the agreement;

AND THAT any necessary by-laws are presented to City Council for ratification.

Stormwater Financing Strategy

Memorandum dated May 21, 2019 from Mr. A. Ward, Project Engineer - Infrastructure & Operations relative to the above noted, for information.

Wake The Giant

Memorandum dated May 23, 2019 from Mayor B. Mauro relative to the Wake the Giant cultural awareness and project initiative.

With respect to the Wake the Giant cultural awareness and inclusion project, we recommend that the City of Thunder Bay join the movement, endorsing its objectives;

AND THAT all City of Thunder Bay facilities display the Wake the Giant stickers and that City of Thunder Bay employees be made aware of the goals, objectives and principles of the movement.

OPEN SESSION in the S.H. Blake Memorial Auditorium

Committee of the Whole - Community Services Session

Chair: Councillor Shelby Ch'ng

REPORTS OF COMMITTEES

Accessibility Advisory Committee Minutes

Minutes of Meetings No. 03-2019 of the Accessibility Advisory Committee held on March 14, 2019, for information.

The District of Thunder Bay Social Services Administration Board Minutes

Minutes of Meetings No. 8/2019 and No. 9/2019 (Closed), of The District of Thunder Bay Social Services Administration Board held on April 18, 2019 for information.

REPORTS OF MUNICIPAL OFFICERS

Fit Together: Recreation & Facilities Master Plan Update

Report R 49/2019 (Community Services - Recreation & Culture) providing City Council with an update on the progress of the Fit Together: Recreation & Facilities Master Plan.

For information only.

Pioneer Ridge Boiler Replacement – Tender Award

Report No. R 94/2019 (Community Services – Asset Management), recommending that Project No. 15-302, for the Boiler Replacement at Pioneer Ridge Home for the Aged be awarded to A. Villeneuve Mechanical, up to the amount of \$686,508.00 (inclusive of all taxes and a contingency allowance)

Pending the passage of the resolution at the Committee of the Whole meeting, the resolution will be presented for ratification at the City Council meeting to be held later in the evening and will require a two-thirds vote.

With respect to Corporate Report No. R 94/2019 (Community Services – Asset Management), we recommend that Project No. 15-302, for the Boiler Replacement at Pioneer Ridge Long Term Care and Senior Services be awarded to A. Villeneuve Mechanical, up to the amount of \$686,508.00

Committee of the Whole – June 3, 2019
(inclusive of all taxes and a contingency allowance);

AND THAT the Manager – Supply Management be authorized to issue any purchase orders related to this project;

AND THAT the General Manager – Community Services report any circumstances to City Council should significant variations in contract values occur as the work proceeds;

AND THAT the Mayor and Clerk be authorized to sign all documentation related to these matters;

AND THAT any necessary By-laws be presented to City Council for ratification.

FIRST REPORTS

Multi-Use Indoor Sports Facility Options

Report R 86/2019 (Community Services Department), recommending Council approve in principal the development of a new Indoor Multi-Use Indoor Sports Facility to be located at Chapples Park as recommended in this report.

This report is being introduced as a 'first report' to allow Committee of the Whole and the general public time to consider the implications of the report before the following recommendations are considered by Committee of the Whole on July 22, 2019.

With respect to Report No. R 86/2019(Community Services Department) we recommend that the Report be received;

AND THAT Report No. R 86/2019 (Community Services Department) be presented at the July 22, 2019 Committee of the Whole meeting for consideration.

NEW BUSINESS

ADJOURNMENT

MEETING DATE 06/03/2019 (mm/dd/yyyy)

SUBJECT Confirmation of Agenda

SUMMARY

Confirmation of Agenda - June 3, 2019 - Committee of the Whole

RECOMMENDATION

With respect to the June 3, 2019 Committee of the Whole meeting, we recommend that the agenda as printed, including any additional information and new business, be confirmed.



MEETING DATE 06/03/2019 (mm/dd/yyyy)

SUBJECT Official Recognition - Citizens of Exceptional Achievement

SUMMARY

Memorandum from Ms. K. Power, Deputy City Clerk, dated May 17, 2019 relative to presentation of Monthly Achievement Awards.

ATTACHMENTS

1 Memorandum from Ms. K. Power, Deputy Clerk, dated May 17, 2019.

TO: Members of City Council
FROM: Krista Power, Deputy City Clerk
DATE: May 17, 2019
SUBJECT: Monthly Awards – Citizens of Exceptional Achievement

Please be advised that the following people will be awarded a certificate for their Achievement at the Special Olympics Provincial Winter Games at the June 3, 2019 Committee of the Whole meeting.

<u>Justin Campbell</u>	2 Gold Medals - 500 meter and 2.5 K Cross-Country
<u>Noah Filice</u>	3 Gold Medals - 100 m, 500 m, and 1 K Cross-Country
<u>Tyler Rissanen</u>	Gold Medal in the 200 metre snowshoe race and Silver Medal in the 100 metre snowshoe race
<u>Carson Smith</u>	3 Gold Medals in Alpine Skiing – Slalom, Giant Slalom, Super G

/tl

MEETING DATE 06/03/2019 (mm/dd/yyyy)

SUBJECT Speakers School Program - Presentation

SUMMARY

Letter dated May 17, 2019 from Ms. K. Brotchie, Secretary - New Directions Speakers School, requesting an opportunity to make a presentation to Council relative to the above noted.

ATTACHMENTS

1. Memo dated May 17 2019 New Directions Speakers School



Speakers' School
c/o Kinna- awaya Legal Clinic
86 South Cumberland Street
Thunder Bay, Ontario, P7B 2V3
Tel: 807.627.9136
E: speakersschool@gmail.com

Flo-Ann Track
Committee Coordinator
Office of the City Clerk
City of Thunder Bay

May 17, 2019

Re: New Directions Speakers School presentation to City Council

Dear Mrs. Track,

As per our conversation on Friday, May 10th please find below the name of the individuals requesting to speak to Thunder Bay City Council on June 3rd.

Dr. John Akweniostha Hodson
Steve Mantis, New Directions Speakers School President
Ryan Sigurdson, New Directions Speakers School Facilitator

Dr. Hodson, Mr. Mantis and Mr. Sigurdson will be speaking about the outcomes of the Speakers School program which was evaluated by the Maamaawisiwin Education Research Centre, the history of the program, and thank the City of Thunder Bay for their generous financial support.

We appreciate the opportunity to speak to City Council about our program, and extend formal invitations to our graduation ceremony on June 4th.

Sincerely,

Karli Brotchie, *Secretary*

MEETING DATE 06/03/2019 (mm/dd/yyyy)

SUBJECT Clean, Green and Beautiful Committee Minutes

SUMMARY

Minutes of Meeting No. 01-2019, 02-2019 and 03-2019 of the Clean, Green and Beautiful Committee held on January 16, 2019, February 20, 2019 and March 3, 2019, for information.

ATTACHMENTS

1. 2019-01-16 CGB Minutes - Final
2. 2019-02-20 CGB Minutes - Final - RJohnson2
3. 2019-03-20 CGB Minutes - Final

DATE: JANUARY 16, 2019

MEETING NO. 01-2019

TIME: 11:41 A.M.

PLACE: THUNDER BAY ART GALLERY,
1080 KEEWATIN STREET

CHAIR: COUNCILLOR R. JOHNSON

PRESENT:

Mayor B. Mauro, *City Council*
Councillor R. Johnson, *City Council*
Ms. P. Caland, *Ministry of Tourism, Culture & Sport*
Ms. B. Baker, *Local Artist*
Ms. S. Costigan, *EcoSuperior*
Ms. K. Donahue, *Citizen Representative*
Ms. S. Godwin, *Thunder Bay Art Gallery*
Mr. K. Jessiman, *Small Business Representative*
Mr. S. Margarit – *Large Industrial Representative*
Mr. P. Mersch, *Landscape Designer*
Ms. D. Pallen, *Heritage Advisory Committee*
Mr. A. Puiatti, *Architectural*

OFFICIALS:

Ms. K. Piche, Council Support Clerk -
Office of the City Clerk
Ms. K. Lewis, Director – Corporate
Strategic Services

GUESTS

Mr. J. Howie, Policy Assistant to the
Mayor
Mr. W. Schwar, Supervisor – Parks &
Opens Space Planning
Mr. G. Ritchie

REGRETS/ABSENT:

Ms. M. Dixon, *Youth Representative*
Mr. D. Hansen, *Public Art Committee*
Ms. K. Nadeau, *Labour Representative*

1. AGENDA APPROVAL

It was consensus of the Committee that the agenda of the January 16, 2019 meeting of the Clean, Green and Beautiful Committee, be approved.

2. ELECTION OF CHAIR & VICE-CHAIR

There was a call for nominations from the Members for the appointment of Chair.

MOVED BY: Ms. S. Godwin

SECONDED BY: Mr. D. Pallen

THAT Councillor Rebecca Johnson be appointed Chair of the Clean, Green and Beautiful Committee for the remainder of the 2019 calendar year.

CARRIED

There was a call for nominations from the Members for the appointment of Vice-Chair.

MOVED BY: Ms. P. Caland

SECONDED BY: Mr. P. Mersch

THAT Ms. S. Costigan be appointed Vice-Chair of the Clean, Green and Beautiful Committee for the remainder of the 2019 calendar year.

CARRIED

3. PRESENTATION & INTRODUCTION TO FORMER AND NEW COMMITTEE MEMBERS

Councillor R. Johnson advised the Committee that Mr. G. Ritchie and Ms. A. Marchl were not successful Committee applicants for the 2018-2022 term of Council, however, it was noted that Mr. G. Ritchie will continue to work with the Committee as an unofficial Committee member to stay involved with keeping the community Clean, Green and Beautiful. Councillor Johnson thanked Mr. Ritchie for his participation on the Clean, Green and Beautiful Committee. Ms. A. Marchl was not in attendance.

The 2018-2022 new Committee members were introduced: Mr. Andy Puiatti, Ms. Kendal Donahue, Mr. Kyle Jessiman and Mr. Stephen Margarit. Oaths of confidentiality were signed by each new committee member.

4. MINUTES OF PREVIOUS MEETING

It was consensus of the Committee that the Minutes of Meeting No. 04-2018 of the Clean, Green and Beautiful Committee, held on June 20, 2018 be confirmed.

5. GRANT APPLICATION REVIEW

Councillor R. Johnson provided an overview of the grant application process to the new Committee members.

The following annual grant applications were reviewed by the Committee, and approved in principle, until the below noted high schools respond to further questions by the Committee.

Dennis Franklin Cromarty
Hammaraskjold High School
St. Ignatius High School
Westgate CVI (further information required to complete application)
St. Patrick High School (further information required to complete application)
Ecole Secondaire Catholique de la Verendrye, Superior CVI will not be submitting applications this year.

It was also noted that for the 2019/2020 application process could possibly include the new Matawa Learning Centre, to replace Churchill CVI which is now closed.

6. BUSINESS

6.01 World War I Project Update

Mr. W. Schwar provided an update relative to the WW1 Project at the Waverley Park Lookout. An overview was provided regarding the tender process, design and landscaping, accessibility and budget. A discussion was held relative to the costs associated with the project and Mr. Schwar responded to questions.

It was noted that the cost of the project will be \$333,000 plus consulting fees. Work should start Spring 2019.

6.02 Thunder Bay Wayfinding

Handout to be distributed separately to the Committee at February's meeting, for information only.

6.03 Committee Budget 2019

Ms. K. Lewis provided an overview relative to the projected 2019 budget and allocated reserve funds. A discussion was held relative to:

- Private tree planting
- EcoSuperior – application for funding – Green Communities Canada
- CGB Awards – partnering with Chamber of Commerce
- Uncommitted and committed funds (\$77,000 in reserve fund)
- Accessibility Retrofit Program – W. Schwar to follow up to determine if the program has commenced.
- Cigarette butt clean-up – S. Costigan and G. Ritchie to follow up at the February meeting.
- Potential new Art bus – D. Hansen or L. Prentice to provide clarification at the next meeting re: funding, budget, etc.

6.04 Review of Action Plan 2019

Councillor R. Johnson provided an overview relative to the 2019 Action Plan. It was noted that it is a working action plan and adjustments can be made to it throughout the year. Councillor Johnson asked the new committee members what they would like to see added to the Action Plan in the future: Volunteer engagement – civic pride; incorporation of CGB aspects into road work; roundabout designs; learning more about different department planning and how to work together; how to get people involved; “Best Practice Champions”.

6.05 Awards Update

Ms. K. Lewis provided an update relative to the 2019 Awards, and confirmed that CGB will be partnering with the Chamber of Commerce in 2019 and 2020 and will present a CGB Award at their annual Business Awards.

6.06 Heritage Committee Update

Ms. D. Pallen provided a HAC update relative to the following:

- WW1 Commemorative Walk Project
- Cambrian – Old Polish Hall
- Doors Open – 2018 very successful
- Arlington apartments – alteration of heritage aspects
- Arts & Heritage Awards subcommittee formed
- No new members of Council on HAC at this time

- Dease Pool closure
- Thunder Bay's 50th Anniversary

6.07 Public Art Committee Update

This item was deferred until the next meeting.

7. ROUNDTABLE

There were no roundtable items presented.

8. 2019 MEETING DATES

The 2019 meeting dates were confirmed by the Committee.

The next meeting will be held on Wednesday, February 20, 2019 at 10:00 a.m. in the McNaughton Room, 3rd floor, City Hall.

9. ADJOURNMENT

The meeting adjourned at 1:28 p.m.

DATE: FEBRUARY 20, 2019**MEETING NO. 02-2019****TIME:** 10:04 A.M.**PLACE:** MCNAUGHTON ROOM, 3RD FLOOR, CITY HALL**CHAIR:** COUNCILLOR R. JOHNSON**PRESENT:**

Councillor R. Johnson, *City Council*
Ms. B. Baker, *Local Artist*
Ms. S. Costigan, *EcoSuperior*
Ms. S. Godwin, *Thunder Bay Art Gallery*
Mr. D. Hansen, *Public Art Committee*
Mr. S. Margarit – *Large Industrial Representative*
Ms. D. Pallen, *Heritage Advisory Committee*
Mr. A. Puiatti, *Architectural*

OFFICIALS:

Ms. L. Douglas, Election/Committee
Coordinator – Office of the City Clerk

GUESTS

Ms. L. Prentice, Manager – Community &
Cultural Development
Ms. P. Mader, Arts & Cultural
Development Coordinator

1. WELCOME & DISCLOSURES OF INTEREST

The Chair, Councillor R. Johnson, called the meeting to order at 10:04 a.m. Due to lack of quorum at this time, the meeting proceeded as an Information Session. There were no disclosures of interest declared at this time.

2. AGENDA APPROVAL

At approximately 10:15 a.m., quorum was established.

It was the consensus of the Committee that the agenda for Meeting No. 02-2019 of the Clean, Green & Beautiful Committee, held on February 20, 2019, including any additional information and new business, be confirmed.

3. MINUTES OF PREVIOUS MEETING

Due to unforeseen circumstances, presentation and confirmation of the minutes of Meeting No. 01-2019 of the Clean, Green & Beautiful Committee, held on January 16, 2019, were deferred to the March 20, 2019 meeting.

4. BUSINESS ARISING FROM PREVIOUS MEETING**Accessibility Retrofit Program**

At the January 16, 2019 Committee meeting, Mr. W. Schwar –Supervisor – Parks & Open Spaces Planning, was asked to follow up on the 2019 budget for the Accessibility Retrofit Program.

Ms. L. Douglas, Election Coordinator, advised that Mr. S. Garner, Municipal Accessibility Specialist will provide an update later in the year, after the snow clears and he is able to revisit the pedestrian pathways.

Committee Budget for 2019

Copies of the 2019 Clean, Green and Beautiful Budget, prepared by Ms. K. Lewis, Director - Corporate Strategic Services, were distributed separately at the meeting.

Ms. K. Lewis was unable to attend the meeting due to another community commitment; Councillor R. Johnson provided an overview of the budget and responded to questions.

Discussion was held relative to the funding of legacy projects for the City's 50th anniversary in 2020. The CGB Committee may need to ask for specific funding from City Council in this regard.

Ms. K. Lewis will provide a complete review of the budget and reserve funds at the March committee meeting.

5. ART BUS PROPOSAL

Ms. Leah Prentice, Manager – Community & Cultural Development, provided an overview of the Art Bus proposal and responded to questions.

- Funding for 2 art buses was referred to this committee from City Council during the 2019 budget process, on a motion from Councillor Andrew Foulds.
- Costing has increased since the last art bus initiative. Current costs would range from \$20K - \$25K per bus. The bulk of cost would be for fabrication and installation of the vinyl wrap. The final cost of the last art bus was approximately \$18K.
- Two concepts are being proposed. One concept will be implemented in 2019. Administration is hoping to implement the 2nd concept in early 2020, with hopes of transporting the Special Olympics athletes in at least one of the art buses.
- Reconciliation is one of the concepts being proposed, and the 50th anniversary for the City of Thunder Bay is the other.
- The manufacturer guarantees a 1-year warranty; the City would be seeking a 3-year warranty.
- The budget includes approximately \$4,000 for the artist's fee.

Ms. Prentice reported that the reconciliation concept would be a community art project, where the City would go out into the community to get people involved with interpreting the theme and working on an end project. There would be opportunities to work with the Youth Inclusion Project, and could be multigenerational - engaging Elders and a variety of organizations and schools. Community consultation would be asked to collaborate on a design to reflect what reconciliation means in Thunder Bay.

Mr. D. Hansen, Public Art Committee representative, responded to questions about the Emerging Projects for the Public Art Committee. He noted that the Public Art Committee will be doing something for the City's 50th anniversary. They are waiting for the Corporation's approach to the 50th anniversary.

Ms. Prentice noted that a special project for 2020 has not been identified at this point for the Public Art Committee; it was also noted that the Public Art Committee does not have an acquisition budget; the Committee normally works with other city departments on their projects.

Ms. Prentice advised that Administration needs at least 6 months to bring the art bus initiative to completion. A community project will take longer due to public consultation.

Ms. Prentice doesn't anticipate seeing any barriers to attaining 2 art buses.

The Committee asked the Public Art Committee to prepare a proposal for the CGB Committee with a recommendation and identification of their priorities for the March 2019 CGB meeting.

The Clean, Green & Beautiful Committee members present were in support of the 2 art buses.

Discussion followed about the possibility of allocating/dedicating part of the CGB budget for the Public Art Committee.

Ms. Prentice was asked to present the applications to CGB when they are finalized.

At 10:43 a.m., the presentation ended and Ms. Prentice and Ms. Mader were thanked for attending.

6. EDUCATION SESSION

History of the Clean, Green & Beautiful Committee

Ms. K. Lewis, Director - Corporate Strategic Services, to provide an overview of the history of the Clean, Green & Beautiful Committee, which began as an advisory committee to Council in 2005. In 2020, the Committee will celebrate its 15th Anniversary.

DEFERRED to next meeting.

7. NEW INITIATIVES

HR Building at 141 S. May Street

The Committee collectively viewed the HR Building across the street from City Hall (from the McNaughton Room). It was noted that the City owns that building, and the HR staff will be moving to the Victoriaville Civic Centre in 2019.

The following comments and suggestions were made about the existing building/space at 141 S. May Street:

- If the building is demolished and the lot is retained by the City, the preference of the CGB Committee would be to create a public greenspace instead of a parking lot.
- The greenspace could be incorporated into the Alley Project which is adjacent to the lot.
- The laneway adjacent to the lot and between Donald Street and Victoria Avenue could be made more attractive through the Alley Project or another revitalization project.

The Committee would like to weigh the pros and cons about demolishing the building/keeping the lot versus selling the building. This could be a 50th Anniversary project for the Committee. The idea will be further explored.

Councillor R. Johnson will speak to the City Manager about the City's plans for the subject building.

Street Signs

Councillor R. Johnson noted that the matter of the City's street signs needs to be reviewed. Many street signs are either missing or broken; a complete review is needed.

Future Projects

Councillor Johnson invited Committee members to submit other recommendations on future projects for the CGB Committee, keeping in mind a possible 15th Anniversary project in 2020.

It was suggested that a future Committee meeting be set aside specifically for long term strategic planning on Clean, Green & Beautiful initiatives.

8. LITTER PREVENTION CAMPAIGN

Ms. S. Costigan, Program Coordinator - EcoSuperior, provided an overview of the 2018 Litter Prevention Campaign using a PowerPoint slideshow, and responded to questions.

She noted that the City doesn't have the resources to enforce the litter prevention program.

Highlights of EcoSuperior's participation in the campaign were presented. An overview of the Cigarette Litter Prevention Program was also provided. EcoSuperior is providing receptacles for cigarette butts in the community and is maintain a recycling program where receptacles are swapped out, emptied and contents are recycled. The Waterfront District and BIA are very active partners in the recycling program, and have assumed responsibility for the receptacles in their area. It was noted that the Smokers' Helpline number is on all receptacles for smokers who want help to quit smoking.

Mr. G. Ritchie is working on a business plan for recycling cigarette butts.

Ms. Costigan provided an overview of the Last Straw Program, which began in the latter part of 2017. Due to a strong response from the community, over 50 local restaurants are making changes to reduce the use of disposable plastic straws.

Ms. Costigan also provided a brief overview of the Greening Community Events, the 2018 Spring Up to Clean Up Event and the Work Plan for the 2019 Litter Prevention Campaign.

9. WEBSITE REVIEW

The Committee collectively reviewed the new Committee webpage using the overhead project and screen.

The following updates need to be performed:

- All hyperlinks need to be checked to ensure they are working;
- The Awards section needs to be updated;
- The image/picture of past award winners should be on the website;
- The CGB Categories and Elements need a better explanation for the person visiting the site – possibly with a “About Us” section;
- The Urban Beautification section should be moved above the links;
- RE: the Side Bar to right of page – move school grants to the Side Bar.
- Emerging Projects need their own webpage, with a link on the homepage to Emerging Projects.
- A picture of the Committee should be added.
- More images should be added; content on the homepage is too wordy. Images from the CGB Report, currently on the webpage, could be used.
- A gallery of pictures needs to be added.

Discussions about the webpage will continue at next month’s meeting.

10. CHAMBER OF COMMERCE CGB AWARD UPDATE

Ms. S. Godwin reported that the approach to the awards has changed marginally. Some nominations have been received through the Thunder Bay Chamber of Commerce.

The CGB Award winner will be announced at the Chamber of Commerce 2019 Business Awards Gala scheduled for April 13th at the Valhalla Inn. A representative from the CGB Committee should be in attendance to present the award.

Ms. Godwin noted that the awards criteria should be updated. A full report on the 2019 award will be provided at the May meeting. The Awards Committee will identify recommendations for next year’s award in their report. It was noted that the Committee has a 2-year agreement with the Chamber.

11. NEW BUSINESS

Due to the number of members absent from this meeting, a Group Picture of the Committee for the website was deferred and will be taken at the March 2019 meeting.

12. HERITAGE ADVISORY COMMITTEE (HAC) UPDATE

On behalf of the Heritage Advisory Committee, Ms. D. Pallen reported that Mr. Andrew Cotter was re-appointed as the Committee Chair.

At the January 24, 2019 Committee meeting, representatives from Save Dease Pool supporters attended the meeting with a request recommending Dease Pool be designated as a heritage property to protect it from demolition.

It was the consensus of HAC to begin a cultural heritage property evaluation for Dease Pool. A subcommittee was formed to perform the evaluation.

Regarding an additional exit from the Arlington Apartments, 230 Brodie Street North, a designated heritage property, Ms. Pallen reported that the fire marshal report was reviewed at the Committee meeting; subsequent to that review, HAC has requested that the property owner submit alternative plans for exterior stairs to the fire marshal, that the alternative plans have less impact on the significant heritage features of the building, and that the owner or their representative return to a HAC meeting for approval of the plans.

The Arts & Heritage Awards are being held at Magnus Theatre on April 5th, 2019.

HAC discussed their concerns relative to the disconnect between Realty Services and the Planning Department.

HAC provided a presentation for City Council on January 28th, 2019.

Ms. Pallen provided an overview of the annual Thunder Bay Museum dinner being held on April 12th, 2019. Prohibition is this year's theme. More information will follow.

13. PUBLIC ART COMMITTEE (PAC) UPDATE

On behalf of the Public Art Committee, Mr. D. Hansen provided an update on activities.

Subcommittees are getting their work done; a lot of initiatives, including Family Day activities, are in progress. Mr. Hansen noted that several out-of-town teams came in to participate in the Family Day snow sculptures at the waterfront.

Members were encouraged to consider attending the Arts & Heritage Awards at Magnus Theatre. 15 utility box wraps (for traffic control boxes at intersections) are scheduled for installation this year. The artwork will be from various artists who applied to participate in this initiative.

Discussions are in progress with Parks & Open Space Planning relative to the installation of a "Memorial Wall" art piece at Boulevard Lake regarding Hospice Northwest and Leadership Thunder Bay.

Elizabeth Buset is working with an after-school club at Dennis Franklin Cromarty High School to create murals. They are looking for locations in the community to display the murals.

14. NEXT MEETING

Committee meetings are held on the 3rd Wednesday of each month, except July and August, from 10:00 a.m. until 12:00 p.m. in the McNaughton Room, 3rd Floor of City Hall, unless otherwise notified.

- Wednesday, March 20, 2019
- Wednesday, April 17, 2019
- Wednesday, May 15, 2019
- Wednesday, June 19, 2019
- Wednesday, September 18, 2019
- Wednesday, October 16, 2019
- Wednesday, November 20, 2019
- Wednesday, December 18, 2019

15. ADJOURNMENT

The meeting adjourned at 11:54 a.m.

DATE: MARCH 20, 2019

MEETING NO. 03-2019

TIME: 10:01 A.M.

PLACE: MCNAUGHTON ROOM, 3RD FLOOR, CITY HALL

CHAIR: COUNCILLOR R. JOHNSON

PRESENT:

Councillor R. Johnson, *City Council*
Ms. B. Baker, *Local Artist*
Ms. S. Costigan, *EcoSuperior*
Ms. S. Godwin, *Thunder Bay Art Gallery*
Mr. D. Hansen, *Public Art Committee*
Mr. S. Margarit – *Large Industrial Representative*
Ms. D. Pallen, *Heritage Advisory Committee*
Mr. A. Puiatti, *Architectural*
Ms. P. Caland, *Ministry of Tourism, Culture & Sport*
Ms. K. Donahue, *Citizen Representative*
Mr. K. Jessiman, *Small Business Representative*
Mr. P. Mersch, *Landscape Designer*

REGRETS/ABSENT:

Mayor B. Mauro, *City Council*
Ms. K. Lewis, *Director – Corporate Strategic Services*
Ms. K. Nadeau, *Labour Representative*
Ms. M. Dixon, *Youth Representative*

OFFICIALS:

Ms. K. Hell, Administrative Assistant –
Corporate Strategic Services
Ms. K. Piche, Council Support Clerk – City
Manager's Office
Ms. L. McEachern, Director – Planning
Services Division
Ms. J. Fazio, Planner II – Planning Services
Division

GUESTS:

Mr. Albertus Viljoen, BMI
Ms. P. Mader, Arts & Cultural
Development Coordinator
Ms. J. Wright, Communications Specialist,
Corporate Communications

1. WELCOME & DISCLOSURES OF INTEREST

The Chair, Councillor R. Johnson, called the meeting to order at 10:01 am. There were no disclosures of interest declared at this time.

2. AGENDA APPROVAL

It was the consensus of the Committee that the agenda for Meeting No. 03-2019 of the Clean, Green & Beautiful Committee, held on March 20, 2019, including any additional information and new business, be confirmed.

3. MINUTES OF PREVIOUS MEETING

It was consensus of the Committee to confirm the Minutes of Meeting No. 02-2019 held on February 20, 2019.

4. BMI PRESENTATION

Mr. A. Vilojoen from Brooke McIlroy Inc. provided a detailed update on the Laneway Project. A discussion was held relative to the three proposed phases of the project specifically tying the Laneway Project into the upgrade of Donald Street. Phase one being the big clean, phase two defining the laneway entrances and phase three possibly expanding to adjacent land.

A discussion was held relative to the above noted. An overview of BMI's summary and details on the three phases were distributed at the meeting. The Committee is looking forward to seeing the project move forward.

BMI will provide further updates on their progress.

5. WEBSITE

Ms. J. Wright provided a brief update on the website. All of the links on the Clean, Green & Beautiful website are working. Edits requested at the February 20, 2019 meeting are underway. It was suggested that the website be reviewed by the Committee.

Ms. J. Wright will attend the April meeting to review the edits as a group.

A group photo was taken at the March 20, 2019 meeting, and will be uploaded to the site.

6. 4th THUNDER BAY GATEWAY PROJECT

Ms. P. Mader gave an update on the 4th Gateway Project. The fourth and last Gateway piece done by artist, Jyhling Lee is in progress and will be completed in April. Arts and Culture is

preparing a tender to be distributed to general contractors for installation and landscaping for the area around the artwork for March 25, 2019. The implementation date is scheduled for the beginning of May, and the plan is to have the installation and landscaping done at the same time.

7. EMERGING PROJECTS/VISIONING

A discussion was held around the Clean, Green & Beautiful Emerging Projects applications.

The Review Working Group reviewed the applications and proposed the following recommendations to the Committee for approval:

- Engineering Division – Parking lot landscaping at Brodie and Arthur Streets - \$10,000 (tree planting allocation)
- Park Division – WW1 Commemorative Stainless Steel Historical Interpretive Panels - \$10,000 (legacy project allocation)
- EarthCare – Interpretive signage to the Adelaide Monarch Garden - \$700 (promotion allocation)
- Public Art – Maamawe – All Together Art Bus - \$15,000 (emerging projects allocation)
- Public Art – 50th Anniversary Art Bus - \$15,000 (50th Anniversary allocation)
- Parks/Eco Superior – Brent Park Tree Planting - \$5,000 (tree planting allocation)

MOVED BY: Mr. S. Margarit

SECONDED BY: Ms. D. Pallen

With respect to the Clean, Green & Beautiful Emerging Projects Funding Applications, it was the consensus of the members present that the applications reviewed at the March 20, 2019 meeting of the Clean, Green & Beautiful Committee be approved and funded from allocations as listed above.

CARRIED

8. CHAMBER OF COMMERCE CGB AWARD UPDATE

Ms. S. Godwin advised that Clean, Green & Beautiful Committee received two nominations for the 2019 Chamber Awards. One has been selected and feels that the Committee should recognize the second nominee with a letter thanking them for their contribution.

Ms. S. Godwin will set up a date to meet with the award selection working group to discuss who and how the award should be presented. The awards dinner is April 13 and the Clean, Green & Beautiful Committee has a table of eight.

Councillor Johnson asked the Committee if anyone around the table was interested in attending the awards ceremony.

9. VISIONING 2019-2025

Councillor R. Johnson held a 7 minute brainstorming session. The ideas will be discussed at the May 15 Committee meeting. See attached. **(Page 14)**

10. HERITAGE ADVISORY COMMITTEE UPDATE

Ms. D. Pallen provided an update on the Heritage Advisory Committee.

The Committee is looking into the cultural significance of Dease Pool.

HAC is continuing to add locations to the heritage registry.

The Walleye Magazine will be featuring the McKibbin House, a Heritage Registry, Designated Property in a future issue.

The Heritage Advisory Committee and the Thunder Bay Museum are working on a project collaboration for the 50th Anniversary celebrations.

St. Andrews Presbyterian Church is looking to have a plaque installed on the church to recognize and honour the people that helped them when their roof collapsed.

Work continues on the restoration of the Carousel Horses

11. PUBLIC ART COMMITTEE UPDATE

Mr. D. Hansen stated the he is appreciative that the 15 utility box wraps have been approved (for traffic control boxes at intersections) and they are scheduled for installation this year. The artwork will be from various artists who applied to participate in this initiative.

12. COMMITTEE TERMS OF REFERENCE

Councillor R. Johnson stated that the Clean, Green & Beautiful Terms of Reference are in need of updating and is looking for a working group to assist.

Members that have agreed to work on the Terms of Reference are Ms. B. Baker, Ms. K. Donahue, Ms. D. Pallen and Ms. P. Caland. Councillor R. Johnson will set up the meeting and will send a calendar invitation.

13. NEW BUSINESS

Ms. J. Fazio – Planning Division was welcomed as a staff resource to the Committee and will be replacing Ms. L. McEachern

Ms. S. Godwin has extended an invite for all to attend the Lakehead University Annual Juried Student Exhibition at the Thunder Bay Art Gallery.

Councillor R. Johnson stated that the June meeting will potentially take place on a bus while visiting the schools to view their annual grant projects.

14. NEXT MEETING

Committee meetings are held on the 3rd Wednesday of each month, except July and August, from 10:00 a.m. until 12:00 p.m. in the McNaughton Room, 3rd Floor of City Hall, unless otherwise notified.

- Wednesday, May 15, 2019
- Wednesday, June 19, 2019
- Wednesday, September 18, 2019
- Wednesday, October 16, 2019
- Wednesday, November 20, 2019
- Wednesday, December 18, 2019

15. ADJOURNMENT

The meeting adjourned at 11:45 a.m.

MEMORANDUM

TO: John S. Hannam

FROM: Amy Coomes, Sustainability Coordinator

DATE: May 23, 2019

RE: *2018 EarthCare Annual Report – R88/2019
Request to Present Information- June 3, 2019, COW Meeting*

I respectfully request an opportunity to provide a presentation relevant to Corporate Report 88/2019 –2018 EarthCare Annual Report to the Committee of the Whole at their meeting on Monday, June 3, 2019. Ms. Amy Coomes and Ms. Shannon Costigan will present a PowerPoint Presentation highlighting progress relative to the EarthCare Sustainability Plan for 2018.

Should you have any questions regarding this request please contact me at 684-3217.

Sincerely,



Amy Coomes
Sustainability Coordinator
EarthCare Thunder Bay

cc: K. Marshall – General Manager – Infrastructure & Operations

Corporate Report

DEPARTMENT/ DIVISION	Community Services - Asset Management	REPORT NO.	R 90/2019
DATE PREPARED	10/05/2019	FILE NO.	
MEETING DATE	03/06/2019 (mm/dd/yyyy)		
SUBJECT	Corporate Energy Management Plan 2019 - 2024		

RECOMMENDATION

With respect to Report R90/2019 (Community Services – Asset Management), we recommend that the Corporate Energy Management Plan 2019 – 2024, as outlined in this Report, be adopted by City Council;

AND THAT any necessary by-laws be presented to City Council for ratification.

EXECUTIVE SUMMARY

The Corporate Energy Management Plan 2019 – 2024, as prescribed under the *Electricity Act, 1998*, Ontario Regulation 507/18: Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans; builds upon the successes of the previous plan, with the integration of green fleet initiatives and the expansion of proven initiatives such as energy efficient equipment and employee engagement.

The Corporation of the City of Thunder Bay committed to reducing corporate greenhouse gas (GHG) emissions by 20% below 2009 baseline year emissions by 2020. In 2015, the Corporation exceeded this target by reducing greenhouse gas emissions by 22%.

In 2018, the Corporation utilized 555,630 gigajoules (GJ) of energy at a cost of approximately \$13,307,050 and continued to exceed its reduction target by reducing greenhouse gas emissions by 26% compared to the baseline year of 2009.

Through the implementation of the Corporate Energy Management Plan 2014-2019, the Corporation has avoided/saved approximately \$11,191,000 in electrical and natural gas costs cumulatively from the baseline year of 2009 as of 2018.

The Corporate Energy Management Committee (“Energy Committee”), established in 2010, completed various energy management assessment tools to evaluate the successes of the current energy management plan while also highlighting future opportunities in the development of the vision, objectives and energy management initiatives of the Energy Management Plan 2019-2024.

The Corporation will continue to strive to achieve a 2-5% savings in energy consumption per year. The continued reduction target of 2-5% reduction in consumption will align with the Province of Ontario's target of reducing greenhouse gas emissions 30% below 2005 levels by 2030. This target also aligns with Canada's 2030 target under the Paris Agreement.

The initiatives set out within the Corporate Energy Management Plan 2019-2024 are part of a living document that will provide a roadmap and continue to build internal energy management knowledge and employee awareness providing the foundation for successful energy management decisions and actions within all Corporate operations.

DISCUSSION

Energy is a manageable cost and managing its use is a critical component of municipal daily operations. It is more than just implementing energy conservation retrofits within our corporate infrastructure: it requires a multi-dimensional approach. It encompasses not only the technical aspects of a facility, but also operational optimization, organizational management, and user behaviours.

The Ministry of Energy, Northern Development and Mines passed Ontario Regulation 507/18: Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans under the *Electricity Act, 1998* that requires Ontario's public agencies (municipalities, universities, colleges, schools and hospitals) to demonstrate the leadership role government plays in energy conservation by developing and implementing energy conservation and demand management plans. The Corporate Energy Management Plan 2019-2024 fulfills the Corporation's requirements under the aforementioned regulation.

Through the continued commitment to reducing energy consumption and the wise use of energy, the Corporation will fulfill the vision set out within the Corporate Energy Management Plan 2019-2024 while providing many other environmental, economic and social benefits, including reducing greenhouse gas (GHG) emissions, cost avoidance and/or savings.

Corporate Energy Management Plan Vision:

Through the wise use of energy, employee engagement and awareness, and alignment with Asset Management Plans, the Corporation of the City of Thunder Bay will continue to transition to a carbon neutral future while maintaining Council approved service levels.

This vision can be achieved through a holistic approach towards energy management by continuing to integrate and invest in energy efficient facility infrastructure, operational efficiencies and building the foundation for a culture of energy awareness, knowledge and engagement within the Corporation.

The successful implementation of the Corporate Energy Management Plan will also align to achieve the following objectives:

- Creation of a culture of conservation within the Corporation to reduce energy consumption, greenhouse gas emissions and ensure the wise use of resources.
- Fiscal accountability through savings and cost avoidance, which will lead to both direct and indirect savings.
- Demonstrate leadership within the Corporation and Community with respect to energy management and investigation of new and emerging technology.
- Demonstrate sound operating and maintenance practices to compliment the energy efficiencies implemented through the capital asset renewal program.
- Provide a forum for discussion within the Corporation on energy management to explore new ideas and trends.

With the implementation of the Corporate Energy Management Plan 2019-2024, all Divisions will have a foundation to ensure energy management is a consideration in all operations.

To efficiently manage energy within the Corporation the establishment of accurate consumption data from a base year is essential to assist in setting meaningful targets for energy reductions and ultimately, reductions in greenhouse gas emissions. The 2009 baseline data provides a comprehensive starting point of the Corporations' energy portfolio for the continued tracking and monitoring of all Corporate energy data focusing on electricity, natural gas, diesel and gasoline (Table 1).

Energy Type	Consumption	GHG Emissions (tCO₂e)	Cost (\$)
Electricity	66,190,104 kwh	7,988	6,684,044
Natural Gas	6,050,780m ³	11,376	2,538,862
Diesel	2,950,777 L	7,898	2,246,228
Gasoline	1,096,861 L	2,540	911,730

Table 1: The Corporate of the City of Thunder Bay's 2009 summary of energy type, consumption, GHG emissions and associated costs.

To achieve the vision and objectives set out within the Corporate Energy Management Plan 2019-2024, it is essential to understand the type, quantity and location of each commodity currently being consumed (Table 2). Without this in-depth analysis, implementing successful, appropriate and sustainable energy efficiency initiatives that encompass both technological and behavioural components would be difficult to achieve.

Energy Type	Consumption	GHG Emissions (tCO₂e)	Cost (\$)
Electricity	51,888,599 kwh	2,076	6,886,881
Natural Gas	5,714,655 m ³	10,789	1,782,519
Diesel	2,887,765 L	6,191	3,231,795
Gasoline	1,257,784 L	2,913	1,405,855

Table 2: The Corporation of the City of Thunder Bay 2018 summary of energy type, consumption, GHG emissions and associated costs.

In 2018, the Corporation of the City of Thunder Bay's energy expenditures totaled \$13,307,050. Energy costs are manageable and can lead to additional savings as the culture of energy conservation and the wise use of energy become fully integrated into the Corporation. The initiatives outlined within the Corporate Energy Management Plan can yield individual savings, but as a whole, a more efficient process, facility and/or operation which can lead to accumulated sustainable savings not only in consumption, GHG emissions, but also cost savings or avoidance.

With the continued volatility in the energy sector, it is important that the Corporation continue to invest in energy management through both technological efficiencies and behavioural changes to reduce energy consumption.

To continue to build upon the success and learn from the challenges of the 2014- 2019 Corporate Energy Management Plan, the Energy Committee utilized a variety of energy focused assessment tools to evaluate energy management within the Corporation. The assessment tools provided an opportunity for each Committee member to assess current energy initiatives along with future opportunities and improvements as they align with the main objectives of the Energy Management Plan and the future directions of the respective departments.

Each initiative contained within the energy management plan was evaluated based on:

1. Assessment tools with a focus on energy management best practices;
2. Alignment with Corporate strategic directions, plans, goals and objectives;
3. Opportunities identified through analysis of baseline consumption data; and
4. Strength, weakness, opportunities and threat (SWOT) analysis using assessment tools data.

The Corporate Energy Management Plan 2019-2024 initiatives are high level actions that align with the objectives of the Energy Management Plan and will continue to build internal capacity and knowledge base to increase energy efficiency and eliminate energy waste.

Each of the energy management initiatives corresponds to one of the five focus areas of the Energy Plan:

1. Energy Data Management:

To reinforce the concept that energy is a manageable cost and to make individuals accountable and empower them to control energy use; corporations require effective monitoring systems that provide accurate feedback.

2. Energy Supply Management:

The procurement of energy is a critical component to the Energy Management Plan. A proactive, informed approach to optimizing energy pricing in a volatile marketplace, while minimizing the associated risks is integral to managing energy costs and meeting the Corporations' energy portfolio requirements.

3. Energy Consumption:

The evaluation of the systems and operations that contribute to the consumption of energy related to an asset allows for the identification of potential areas of energy efficiency and process optimization.

4. Equipment Efficiency:

The evaluation of the equipment in systems for energy efficiency opportunities that could be implemented through preventative maintenance programs, system controls, retrofits, system upgrades and investigation into new and emerging technology.

5. Corporate Energy Integration:

All levels and areas within the Corporation need to participate in the implementation of the Energy Management Plan. Energy is a manageable cost. Departments need to understand the impact of their daily operation on energy usage and how they can participate in managing energy within their division. The roles and expectations for energy management need to be clearly defined with regular communications.

The timeline for implementation has been prioritized for short term (year 1 to year 2), medium term (year 3 to year 4), long term (year 5) and ongoing. Over the next five years the Energy Committee will work to implement the actions and objectives outlined within the five focus areas of the Plan.

The success of the implementation of the Energy Management Plan will be based on a number of key performance indicators including:

- Reduction of energy consumption and GHG emissions from 2009 baseline data;
- Integration of energy management into daily operation processes and facility based infrastructure decisions;
- Energy efficiency projects included into capital asset management decisions;

- Increased capacity and awareness regarding energy management within the Corporation; and
- Unique project specific performance indicators dependent on the project.

Along with the aforementioned indicators, the Energy Management Plan will strive to achieve a reduction target of 2-5% savings in energy consumption per year. The continued reduction target of 2-5% reduction in consumption aligns with the Province of Ontario's target of reducing greenhouse gas emissions 30% below 2005 levels by 2030 as outlined in the Ministry of Environment, Conservation and Parks, 'A Made in Ontario Environment Plan,' 2018. This target also aligns with Canada's 2030 target under the Paris Agreement.

The Energy Committee comprised of a cross-functional team of Corporate stakeholders having direct responsibility for the consumption of energy within their respective Departments will continue to champion the Energy Management Plan.

As part of the Energy Management Plan, the implemented initiatives will be documented and reviewed annually to update data against the baseline year. By continuing to monitor and report consumption, dollar savings and/or avoided to Departments, the outcomes of their participation in energy initiatives can be quantified, and feedback can be obtained for new initiatives.

This monitoring and reporting aligns with the requirements of the Ontario Regulation 507/18: Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans under the *Electricity Act, 1998* for annual consumption reporting of prescribed facilities and the five year development of conservation and demand management plans.

An Energy Management Plan Annual Update will continue to be presented to City Council along with proposed future energy budgets each year prior to commencing budget deliberations.

LINK TO EARTHCARE SUSTAINABILITY PLAN

The development of the Corporate Energy Management Plan 2019-2024 supports Earthcare Sustainability Plan 2014- 2020 Sustainable Development goal related to Energy, "To promote the wise use of energy and the transition to a carbon neutral future. By 2020, the community of Thunder Bay will reduce greenhouse gas emissions by 20% below 2009 levels."

The Corporate Energy Management Plan will serve as a roadmap for the Corporation, to successfully integrate energy conservation practices into daily operations and decision making.

FINANCIAL IMPLICATION

Financial implication associated with initiatives outlined within the Corporate Energy Management Plan 2019-2024 will be presented to City Council during the respective budget year of implementation for Council's consideration.

CONCLUSION

It is concluded that the Corporate Energy Management Plan 2019-2024 should be adopted by City Council.

BACKGROUND

In 2018 Bill 34, *Green Energy Repeal Act, 2018* repealed the *Green Energy Act, 2009* and re-enacted various provisions of the Act in the *Electricity Act, 1998* which included the requirement for the development of Energy Conservation and Demand Management (CDM) Plans and annual reporting requirements for the municipal sector.

The Ministry of Energy's *Green Energy Act, 2009*, Ontario Regulation (O.Reg.) 397/11: Energy Conservation and Demand Management Plans required Ontario's public agencies (municipalities, universities, colleges, schools and hospitals) to demonstrate the leadership role government plays in energy conservation by reporting annual energy use and greenhouse gas emissions for prescribed facilities and develop and implementing energy conservation and demand management (CDM) plans.

In December 2012, City Council approved Corporate Report 173.2011 (Facilities and Fleet), recommending the adoption and implementation of the City of Thunder Bay Strategic Approach to Corporate Energy Management meeting the Corporations requirements under O. Reg. 397/11.

Annual updates on the status of the Corporate Energy Management Plan have been presented to City Council, along with the respective years proposed energy budget.

REFERENCE MATERIAL ATTACHED:

CORPORATE ENERGY MANAGEMENT PLAN 2019-2024 (DISTRIBUTED SEPARATELY)

PREPARED BY: VANESSA DEGLIACOMO-ZWARESH

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)	DATE:
Kelly Robertson, General Manager, Community Services	May 23, 2019

Corporate Report

DEPARTMENT/ DIVISION	Infrastructure & Operations - Environment	REPORT NO.	R 87/2019
DATE PREPARED	08/05/2019	FILE NO.	
MEETING DATE	03/06/2019		
SUBJECT	Rat Prevention and Control – Update		

RECOMMENDATION

With respect to Report R 87/2019 (Infrastructure & Operations – Environment), we recommend that the Rat Prevention and Control educational campaign continue, launched in partnership with the Thunder Bay District Health Unit;

AND THAT Administration report back to City Council in the spring of 2020 on the progress in regard to rat related issues;

AND THAT any necessary By-laws be presented to City Council for ratification.

EXECUTIVE SUMMARY

The official Rat Prevention and Control promotion and education campaign was launched in June 2018. The program educates and provides residents with tools to effectively prevent and manage rats actively on their property.

This report recommends providing ongoing rat prevention and control educational outreach to the community.

DISCUSSION

In December 2017, City Council approved the introduction of a formal promotion and education campaign, in partnership with the Thunder Bay District Health Unit (TBDHU), to educate residents on effective methods to prevent an increase in the rat population.

The City of Thunder Bay and the TBDHU have a long-standing partnership when it comes to enforcement initiatives, and both operate on a complaint driven system. The City's Licensing and Enforcement Division enforces property standards and yard maintenance by-laws to deal with issues on private property. The TBDHU enforces complaints, if warranted, through the Health Protection and Promotion Act.

On June 13, 2018, the City of Thunder Bay, in partnership with the TBDHU launched the official Rat Prevention and Control educational campaign. The objective of the campaign was to educate and provide residents with tools to effectively prevent and manage rats actively on their property.

Promotion and Education Campaign

The campaign used a structured media approach to get the message out to the community. The following media were utilized:

1. Media event to officially launch the campaign
2. Promotion video
3. Brochure
4. Dedicated webpage
5. Print/Social media ads

Information brochures on the subject are made available at the TBDHU, all four branches of the Thunder Bay Public Library and various City administration offices. In addition, City by-law and public health inspectors will provide an information brochure to property owners when attending to a related complaint. City dispatchers will also mail out brochures to residents upon request. The plan is to continue promoting the video and ads through various media channels, distributing brochures through different promotional events and looking at targeted advertising in areas deemed as potential problems.

Rat Related Statistics

Rat related sighting continue to be tracked from various reporting channels. The results indicate reported sightings have either decreased or remained stable. The information below summarizes rat related sightings reported over the last 2 plus years:

Rat Sightings 2017-2019:

Thunder Bay District Health Unit reported 207 rat sightings in 2017, 65 in 2018, and 7 in 2019 so far.

City Licensing and Enforcement Division reported 45 rat sightings in 2017, 45 in 2018, and 16 in 2019 so far.

City Infrastructure and Operations Dispatch reported 79 rat sightings in 2017, 77 in 2018, and 7 in 2019 so far.

By-law Enforcement

City by-law and public health inspectors continue to actively enforce applicable by-laws around property standards, yard maintenance and public health to address rodent related issues. The TBDHU continues to track sightings/complaints to better understand where potential 'hot spots' are in the City.

The City's Solid Waste and Recycling Services also works with owners of Industrial, Commercial and Institutional (ICI) and multi-residential properties where garbage sheds/buildings have rats present. Property owners are required to remedy the problem or risk having their waste collection services temporarily cancelled.

Program Changes

The City operates a backyard home composter program for residents as per provincial legislation. All new units being sold now come with a rodent proof base attached and bases can also be purchased separately for existing units. The new base further rodent proofs the units and reduces any notion that proper composting causes an increase in the rat population.

FINANCIAL IMPLICATIONS

There are no financial implications associated with this report. Council approved in the 2019 Solid Waste and Recycling Services Operating Budget \$5,000 for rat prevention and control educational outreach. It is anticipated this amount will be required on an annual basis to continue with the current outreach program.

CONCLUSION

It is concluded that Administration and the TBDHU continue their existing partnership to educate the community on effective control methods for rats and efforts around enforcement of applicable by-laws and procedures related to rat issues.

BACKGROUND

At the May 6, 2017 Committee of the Whole Meeting, a resolution was passed requesting that Administration prepare a report outlining options for dealing with the increasing number of rats found throughout the City. This report was to include information from other municipalities that have implemented programs, and look at partnering with other agencies such as the Public Health Unit to educate the public on prevention.

At the December 4, 2017 Committee of the Whole Meeting, a resolution was passed approving the introduction of a formal promotion and educational campaign, in partnership with the Thunder Bay District Health Unit, to educate residents on effective control methods to prevent an increase in the rat population.

At the July 23, 2018 Committee of the Whole Meeting, a resolution was passed approving the continuation of the formal promotion and educational campaign launched in June, 2018. It was directed that Administration include \$5,000 in the annual Solid Waste and Recycling Services Operating Budget stating in 2019 for ongoing rate prevention and control outreach.

REFERENCE MATERIAL ATTACHED:

None

PREPARED BY: Jason Sherband, Manager – Solid Waste and Recycling Services

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)	DATE:
Kerri Marshall, General Manager – Infrastructure & Operations	May 14, 2019

Corporate Report

DEPARTMENT/ DIVISION	Infrastructure & Operations – Central Support	REPORT NO.	R 92/2019
DATE PREPARED	14/05/2019	FILE NO.	
MEETING DATE	03/06/2019 (mm/dd/yyyy)		
SUBJECT	Eye on the Street		

RECOMMENDATION

For information only.

EXECUTIVE SUMMARY

This Report, as required by the Code of Practice, provides an overview of the Eye on the Street Program and presents the statistics related to the 2018 operations in comparison to previous years.

The Report also concludes that the audits completed in 2018 reflect that the program is operating in compliance with the City of Thunder Bay - Code of Practice.

DISCUSSION

The Eye on the Street Program was approved by Committee of the Whole April 4, 2005, Report No. 2005.082 (Central Support) and launched on November 22, 2005. Apex Securities Inc. and TBayTel are the service providers and the Thunder Bay Police Service is a partner. In November of 2016 the monitoring contract with Apex was renewed after their successful response to a Request for Proposal process.

Replacement of Existing Equipment

In 2019, Administration will work with TbayTel to replace the existing cameras and control system, now nearing the end of its life. The upgrade path will be informed by the findings of the Smart Cities project which was done in partnership with police, recognizing the limitations of the currently approved capital envelope.

The Eye on the Street hardware (cameras and recording system) has had minor updates over the last decade as part of our general maintenance program. However the capabilities of the system as a whole remains similar to that installed in 2005. Cameras available today have significantly

higher resolution and capture much clearer images after dark. An investment in recording technology is also needed to address the proposed increase in retention to 14 days as identified in the 2018 Eye report. There is also a better networking protocol which the existing system cannot operate on.

By modernizing the system, the Eye Program will increase the amount of video with evidentiary value. It will improve the ability of operators to clearly identify incidents that require police or EMS interventions and help to more quickly respond to missing person cases. The network changes will make it simpler to add or relocate cameras in the future. While the overall goals of the Eye on the Street program are unchanged, the replacement equipment will be compatible with any future investment in smart technology solutions.

Activity

It should be noted that although camera usage in some locations appears to be lower than others, the fact that a camera is located at a site is a deterrent. There are also medical events seen on camera which may not trigger a police report but are responded to by EMS or Fire.

The table below reflects the number of times each camera has been used to identify “suspicious activity” by camera operators. Some incidents are seen on multiple cameras. In 2018, 23 events (106 events in 2017) were observed on multiple cameras.

<u>Camera Location</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>Avg/Month</u>
Archibald/Victoria (Victoriaville)	0	1	2	0.1
Syndicate/Donald	18	34	34	2.4
Victoria & Brodie	97	153	157	11.3
Water Street Terminal	101	157	145	11.2
Simpson/Victoria	1	1	2	0.1
Simpson/Rowand	0	1	0	0.0
Red River/Cumberland	1	1	2	0.1
Brodie/Donald (Glengowan)	15	6	6	0.8
May/Victoria	15	30	44	2.5
Red River/Court Street	0	3	6	0.3
215 Red River Road	5	2	1	0.2
TOTAL:	253	389	399	
AVERAGE/month	21.1	32.4	33.3	28.9

Audit Results

Audits are completed quarterly by the Internal Audit & Continuous Improvement Division staff. The audit follows the format outlined in the Code of Practice. The audit process checks the program compliance by:

1. Viewing video;
2. Reviewing log books;

3. Reviewing recorded log access to the Eye office; and
4. Reviewing recorded incidents and data checks for any Municipal Freedom of Information and Protection of Privacy Act requests.

Four audits were completed for the 2018 calendar year. All audits completed to date reflect that the program is operating in compliance with the City of Thunder Bay – Code of Practice for the operation of a Closed Circuit Television System for the downtown surveillance program in Thunder Bay. No changes are recommended in the audit procedures at this time.

Statistics

Statistics on the program are compiled on a monthly basis. The observations of the camera operators, as well as the requests by Thunder Bay Police Service (TBPS) are categorized and results were obtained from the TBPS.

The type and volume of activity being addressed by the camera operators and Police requests include:

<u>Category</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>Monthly Avg</u>	<u>%</u>
Assaults	46	70	77	5.4	25.4%
Theft	0	0	13	0.4	1.7%
Property Damage (incl. vehicle)	2	3	9	0.4	1.8%
Suspicious Activity	45	66	85	5.4	25.8%
Drug/Alcohol	104	144	97	9.6	45.3%
Total:	197	283	281		

The statistics associated with events identified by camera operators are reflected in the table below:

<u>Results</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>Monthly Avg</u>	<u>%</u>
Medical Intervention	16	17	33	1.8	8.7%
Police Defused	81	119	82	7.8	37.1%
Arrest	15	41	35	2.5	12.0%
Gone on arrival	51	46	101	5.5	26.0%
Other	34	60	33	3.4	16.3%
Total:	197	283	281		

In 2018, 70 requests from Police for video evidence were processed which provided supporting evidence in 7 of the requests. One (1) case is pending. In 2018, in 38 of the incidents, EMS and/or Fire were also involved in the response.

The Thunder Bay Police Service (TBPS) supports the continuation of the Eye on the Street program but has recommended a review of the camera locations to ensure the best coverage to meet public safety concerns. They have asked to have input in terms of next steps with the replacement of the existing system and that a decision on technology not be made in a vacuum to meet a minimal standard.

FINANCIAL IMPLICATION

Capital Expenditures

The 2018 Capital Program was approved at \$42,600.

Operating Expenditures

The 2018 operating budget was approved at a net cost of \$133,800. Expenses totaled \$115,012 and revenue of \$2,000 was contributed by the two (2) BIAs served by the cameras, resulting in a net cost of \$113,012.

CONCLUSION

It is concluded that City Council receive the 2018 annual report as required by the Code of Practice.

BACKGROUND

The Eye on the Street Program was approved by Committee of the Whole on April 4, 2005, Report No. 2005.082 (Central Support) and launched on November 22, 2005. Apex Securities Inc. and Thunder Bay Telephone are the service providers and the Thunder Bay Police Service is a partner. The Steering Committee continues to meet and monitors the progress of the program. Report 2006.182 (Central Support) was presented to the Committee of the Whole September 11, 2006 with amendments to one (1) camera location and changes to the Code of Practice.

Report No. 2008.004 (Central Support) amended the annual report for Council to include statistical information only.

REFERENCE MATERIAL ATTACHED:

None

PREPARED BY: Charles Campbell, Manager – Central Support Division

THIS REPORT SIGNED AND VERIFIED BY:	DATE:
Kerri Marshall, General Manager - Infrastructure & Operations	May 24, 2019

Corporate Report

DEPARTMENT/ DIVISION	Infrastructure & Operations - Environment	REPORT NO.	R 93/2019
DATE PREPARED	14/05/2019	FILE NO.	
MEETING DATE	03/06/2019 (mm/dd/yyyy)		
SUBJECT	Drinking Water Quality Management Standard - Operational Plan		

RECOMMENDATION

With respect to Report No. 93/2019(Environment), we recommend that City Council endorse the Operational Plan as appended;

AND THAT the Mayor and City Clerk be authorized to sign all documentation related to this matter;

AND THAT any necessary By-laws be presented to City Council for ratification.

EXECUTIVE SUMMARY

The Statutory Standard Duty of Care under the Safe Drinking Water Act (SDWA) requires system owners to be aware of the Quality Management System (QMS) for its drinking water system and its components. The purpose of this report is to provide City Council a current copy of the QMS and obtain re-endorsement of the Operational Plan.

DISCUSSION

Operational Plan Endorsement

The Operation Plan, distributed separately by confidential memorandum, documents the QMS and is based on meeting or exceeding the requirements of the Ministry of the Environment, Conservation and Parks' (MECP) Drinking Water Quality Management Standard (DWQMS). Council's endorsement of the Operational Plan is necessary for the Water Authority to remain accredited in accordance with the SDWA. A public viewing copy of the Operational Plan is available at the Bare Point water treatment plant and the Infrastructure & Operations Department in the Victoriaville Civic Centre.

This Plan provides consistency to operations and management to support the production of safe drinking water, provides procedures to reduce errors due to interpretation, improves teamwork

and communications, facilitates community confidence in drinking water supply and helps to fulfill the needs and expectations of customers.

Continued accreditation of the Operating Authority requires third-party verification that the QMS developed meets the requirement of the DWQMS. The external audit carried out by SAI Global in October 2018 confirmed the Water Authority is implementing an effective process for the continual improvement of the QMS through the use of quality policy, quality objectives, audit results, data analysis, the appropriate management of corrective and preventative actions and management review.

Future re-endorsement of the Operational Plan by City Council will be sought with each term of Council.

Drinking Water Quality Management Standard (DWQMS)

The DWQMS outlines the framework of the QMS and is mandated under the SDWA. It contains 21 key elements in which the ISO 9001 standard with respect to management systems and the hazard analysis and critical control points (HACCP) standard with respect to product safety have been incorporated. The DWQMS also uses the HACCP approach to risk assessment and reflects the multi-barrier approach for drinking water safety.

The DWQMS is a proactive and preventative approach to management strategies that identify and manage risks to public health, establishes and documents management procedures, clearly identifies roles and responsibilities and creates continual improvement of the management system.

Provincial Updates

Substantial changes to the DWQMS were made by the province in 2017 with mandatory implementation by 2020. The Water Authority implemented these changes in 2018 and has been audited and accredited to the updated DWQMS.

The provincial changes included clarification of timeline requirements, mandatory risk assessments, infrastructure review and long term planning and a new process for continual improvement.

The City of Thunder Bay was one of the first municipalities to successfully transition to the new DWQMS (Version 2.0) and has received accreditation until January 19, 2021.

Owner Representative

The Owner of the drinking water system includes every person who is legal or beneficial owner of all or part of the drinking water system. While the City of Thunder Bay is both the Owner and

Operating Authority of the municipal drinking water system, the General Manager – Infrastructure and Operations has been designated by City Council to be the Owner Representative to address the requirements of the DWQMS in the QMS.

The Owner Representative is responsible for communicating relevant information regarding the QMS to City Council. Changes to the drinking water system which currently require approval of City Council will continue to receive such approvals through existing decision making processes.

FINANCIAL IMPLICATION

None.

CONCLUSION

It is concluded that City Council should endorse the Operational Plan as appended to this Report.

BACKGROUND

The SDWA is part of a comprehensive legislation framework established by the Ontario Government to protect the safety and quality of Ontario's Drinking Water.

Report No.2015.084 (Environment) recommended re-endorsement of the Operational Plan and confirmed continued designation of the General Manager – Infrastructure and Operations or their actor due to an absence as the Owner Representative.

Since 2009, the Operational Plan has been audited both internally and externally on an annual basis. In order to demonstrate Continual Improvement, a key component of the DWQMS, Corrective Actions are issued to ensure the QMS is completing the cycle of Plan, Do, Check and Improve.

Report No.2009.005 (Environment) provided an overview of the Operational Plan, designation of the Owner Representative and the requirements of the Owners Commitment and Endorsement.

Report No.2008.016 (Environment), provided an overview of the new Municipal Drinking Water Licensing Program (MDWLP), roles and responsibilities, related timelines and an update on the progress made to date in satisfying the mandatory licensing requirements. This report also identified the 21 key elements of the DWQMS.

Report No. 2006.083 (Environment), provided an update on the final phases of implementation of the Safe Drinking Water Act, including the creation of a Water Authority, and DWQMS.

Report No. 2004.059 (Environment), outlined the Provincial legislative developments related to drinking water from the time of the Walkerton crisis in May 2000, to the SDWA and Water Systems Regulation of 170/03 which requires a DWQMS.

REFERENCE MATERIAL ATTACHED:

Appendix 'A' – City of Thunder Bay Operational Plan (Distributed separately under confidential memorandum).

PREPARED BY: Tony Santos, Manager – Compliance & Quality Control and Michelle Warywoda, Director – Environment Division

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)	DATE:
Kerri Marshall, General Manager – Infrastructure & Operations	May 24, 2019

Memorandum

TO: Members of Council

FROM: Kayla Dixon, P. Eng., MBA
Director of Engineering & Operations

DATE: May 21, 2019

SUBJECT: Engineering Construction Contract Summary
June 3, 2019 – Committee of Whole Meeting

Please find attached an updated Construction Contract Summary between 2001 and 2018 showing all projects administered by Engineering with variance between the original contract price and final contract price.

Please note that some 2018 projects are still in progress and final costs will be reported in our 2019 Summary.

Yours truly,

KD

Att

Cc: John S. Hannam – City Clerk
Norm Gale – General Manager
Kerri Marshall – General Manager – Infrastructure & Operations Department

Construction Contract Summary - 2001 to 2018

Contract Number	Description	Original Contract Price (GST/HST Extra)	Projected/Final Contract Price	Difference	Variation Percent	Status	Comment
1-2001	WPCP-Secondary Treatment					Not Tendered	
2-2001	Asphalt Surface Rehabilitation	2,362,706.10	2,365,721.23	-3,015.13	-0.13%	Complete	
3-2001	McKellar Lift Bridge- Second Vehicle Lane	536,748.00	513,022.00	23,726.00	4.42%	Complete	
4-2001	Hot in Place recycling	462,255.30	441,973.48	20,281.82	4.39%	Complete	
5-2001	Road and Sewer Const- Margaret, Simpson, Waverly, Park	1,641,384.50	1,752,887.59	-111,503.09	-6.79%	Complete	one block sewer& paving added(Simpson st)-see report 2002.112
6-2001	Sidewalks, Traffic signals, Busbays	610,002.82	596,730.36	13,272.46	2.18%	Complete	
7-2001	Victoriaville Watermain replacement	586,360.00	612,530.16	-26,170.16	-4.46%	Complete	quantity variations-see report 2001.327
8-2001	Watermain Const-Hwy 61, Mountain, Hazelwood	2,188,659.86	1,861,715.10	326,944.76	14.94%	Complete	Mapleward Rd w/m LI did not proceed
9-2001	Dawson Road Reconstruction-Stage II	1,810,475.97	1,872,157.77	-61,681.80	-3.41%	Complete	quantity variations-see report 2003.055
10-2001	Miscellaneous Sewer and water	936,756.11	828,784.32	107,971.79	11.53%	Complete	
11-2001	WPCP-DAF Equipment	45,566.87	45,566.87	N/A		Reassigned	Original contract novated to Contract 1, 2002
12-2001	WPCP-Influent Pumps and Equipment	51,367.90	51,367.90	N/A		Reassigned	Original contract novated to Contract 1, 2002
13-2001	NOT USED						
14-2001	Pioneer Ridge Building Envelope Retrofit	0.00	0.00	0.00		Not T&W's	
15-2001	WPCP-VFD Equipment	147,937.32	289,541.52	-141,604.20	-95.72%	Complete	
16-2001	WPCP-Secondary Sewage Treatment Facilities	80,820.00	99,574.49	-18,754.49	-23.21%	Complete	
17-2001	110th Ave (Island Drive)Bridge	10,137,214.00	9,655,296.20	481,917.80	4.75%	Complete	
18-2001	Rehabilitation of Sanitary Sewers	435,123.53	461,525.21	-26,401.68	-6.07%	Complete	added sewer repairs-see report 2002.080
19-2001	WPCP-Transient Voltage Surge Equipment	87,662.52	90,540.02	-2,877.50	-3.28%	Complete	
1-2002	Pollution Prevention Control Plant	60,831,775.70	59,060,141.75	1,771,633.95	2.91%	Complete	added Nitrification and 5KV-see report 2004.086
							added Contingency see report 2003.226,2005.192 and 2006.148
2-2002	Asphalt Surface Rehabilitation	2,133,769.67	2,202,200.14	-68,430.47	-3.21%	Complete	quantity variations-see report 2003.008
3-2002	Asphalt Hot In Place Recycling Program	494,811.00	447,028.31	47,782.69	9.66%	Complete	
4-2002	Sidewalk Replacements and Traffic Signals	494,050.50	794,526.44	-300,475.94	-60.82%	Complete	Carrick & Harbour intersection added-see report 2002.256
5-2002	Miscellaneous Sewer and Watermain Construction	746,415.10	554,531.56	191,883.54	25.71%	Complete	Mapleward Road LI watermain deleted
6-2002	Simpson Street Bridge	2,189,091.00	2,313,320.46	-124,229.46	-5.67%	Complete	Temporary bridge added-see report 2002.320
7-2002	Water/Storm/Sanitary Separation-Edward St Area-Stage VI	735,985.00	682,028.00	53,957.00	7.33%	Complete	
8-2002	Hazelwood Water Storage Tank	1,994,000.00	1,951,631.00	42,369.00	2.12%	Complete	
9-2002	Neebing Avenue & Eleventh Avenue Road Reconstruction	1,532,955.06	1,602,016.43	-69,061.37	-4.51%	Complete	quantity variations-see report 2004.016
10-2002	Cleaning & Cement Mortar Lining of Cast Iron Watermains	1,023,745.00	942,447.00	81,298.00	7.94%	Complete	
11-2002	Rupert Street Storm Sewer - Stage II	303,191.87	289,301.85	13,890.02	4.58%	Complete	
12-2002	Rehabilitation of Sanitary Sewers	403,810.00	347,987.49	55,822.51	13.82%	Complete	
13-2002	NOT USED						
14-2002	John St Landfill Leachate Collection System Upgrades	320,800.00	353,480.03	-32,680.03	-10.19%	Complete	Secondary drains added-see report 2003.245
1-2003	Cumberland St Bridge over the Current River Rehabilitation	1,443,275.00	1,414,303.30	28,971.70	2.01%	Complete	
2-2003	Asphalt Surface Rehabilitation	2,543,338.25	2,440,543.52	102,794.73	4.04%	Complete	lein payments made to others
3-2003	Cleaning & Cement Mortar Lining of Cast Iron Watermains	1,134,510.00	964,347.87	170,162.13	15.00%	Complete	
4-2003	Sewer and Watermain Construction	1,709,441.00	1,643,031.12	66,409.88	3.88%	Complete	
5-2003	Bascule Bridge Demolition	888,000.00	794,289.79	93,710.21	10.55%	Complete	
6-2003	Sidewalk Replacement, Street Lighting & Local Improvement	1,070,194.96	1,087,520.10	-17,325.14	-1.62%	Complete	quantity variations- see report 2005.002
7-2003	Asphalt Hot In Place Recycling Program	487,602.00	486,954.86	647.14	0.13%	Complete	lein payments made to others, pending deficiency correction
8-2003	Oliver Road Reconstruction	1,268,333.90	1,320,471.41	-52,137.51	-4.11%	Complete	quantity variations-see report 2004.062
9-2003	Sewer and Watermain Construction - McKellar Ward	728,493.50	764,479.24	-35,985.74	-4.94%	Complete	quantity variations-see report 2004.061
10-2003	East End Infrastructure Improvements	732,563.00	718,456.22	14,106.78	1.93%	Complete	
11-2003	Broadway Avenue Booster Pumping Station	1,345,794.39	1,312,443.21	33,351.18	2.48%	Complete	
12-2003	Golf Links Sanitary Sewer Extension	397,590.00	389,881.50	7,708.50	1.94%	Complete	
13-2003	NOT USED						
14-2003	Rehabilitation of Sanitary Sewers	512,314.00	452,975.20	59,338.80	11.58%	Complete	
15-2003	Bare Point Water Treatment Plant Upgrade	46,907,219.98	46,237,749.09	669,470.89	1.43%	Complete	elevator,high lift pump,fencing added-see report 2005.005
							Cont added- Report 2006.147, Mediation Settlement 2007ER.009

Z:\FILES\RH\Contract (Construction) Budget History

16-2003	Cathodic Protection Watermains	238,500.00	274,947.00	-36,447.00	-15.28%	Complete	PO extended by MM authority
17-2004	Arthur Street Reconstruction	1,419,141.77	1,426,734.53	-7,592.76	-0.54%	Complete	various extra contract items-see report 2004.245
1-2004	Asphalt Surface Rehabilitation	1,571,747.90	1,574,555.85	-2,807.95	-0.18%	Complete	
2-2004	Van Norman Street Reconstruction	913,665.00	871,681.10	41,983.90	4.60%	Complete	
3-2004	6th Ave Overpass Reconstruction	1,263,825.20	1,193,316.55	70,508.65	5.58%	Complete	
4-2004	Southward Storm Sewer	970,960.00	1,035,310.38	-64,350.38	-6.63%	Complete	Harold st added (storm, s/w, paving) -see report 2005.058
5-2004	Bay Street area Reconstruction	1,298,318.60	1,310,971.84	-12,653.24	-0.97%	Complete	Trees added,spall s/w repair
6-2004	Sidewalk Replacements and Traffic Signals	712,113.00	604,422.55	107,690.45	15.12%	Complete	
7-2004	Edward/Tarbutt Stage VII Storm Separation	512,135.00	465,766.72	46,368.28	9.05%	Complete	
8-2004	Low Lift Pump	357,119.52	114,901.68	242,217.84	67.83%	Complete	Accessary equipment prepurchased by City-deleted from contract
9-2004	East End Stage IV Storm Separation	398,025.00	378,621.35	19,403.65	4.87%	Complete	
10-2004	Hot in Place Asphalt Surface Rehabilitation	325,825.98	296,861.31	28,964.67	8.89%	Complete	
11-2004	Rockcliff Reservoir	10,364,000.00	10,668,804.84	-304,804.84	-2.94%	Complete	Contingency added-See Reports 2006.050 & 2006.142
12-2004	Oliver Road Reconstruction (Stage II)	1,193,551.90	1,105,949.80	87,602.10	7.34%	Complete	Top paving lift deferred pending Flying J
13-2004	NOT USED						
14-2004	Rehabilitation of Sanitary sewers	475,209.47	385,289.00	89,920.47	18.92%	Complete	
15-2004	Kaministiquia River watermain Crossing @Hwy 61	929,375.25	929,375.25	0.00	0.00%	Complete	Lump Sum contract
16-2004	Hazelwood Drain	189,790.00	184,273.96	5,516.04	2.91%	Complete	
17-2004	CSO Regulator Replacement	126,915.00	118,224.00	8,691.00	6.85%	Complete	Awarded by PO
18-2004	Hwy 61 Rockcliff Reservoir Water Supply	3,069,651.25	2,925,277.70	144,373.55	4.70%	Complete	
1-2005	Asphalt Surface Rehabilitation	1,823,190.80	1,896,551.79	-73,360.99	-4.02%	Complete	quantity variations see Report 2006.014
2-2005	Golf Links Trunk sewer Stage II	769,060.60	767,265.30	1,795.30	0.23%	Complete	
3-2005	Cement Mortar Lining	1,385,446.90	1,383,246.00	2,200.90	0.16%	Complete	
4-2005	Edward/Tarbutt- Storm Sewer Separation- Stage IX	1,482,245.00	1,482,245.00	0.00	0.00%	Complete	
5-2005	Supply and Commiss of Ultra Violet Light Disinfection Equip					Not Tendered	
6-2005	Supply and Commissioning of Cogeneration Equip					Not Tendered	
7-2005	Dawson Street & Camelot Street Reconstruction	1,445,219.60	1,341,119.53	104,100.07	7.20%	Complete	
8-2005	James Street @ Kaministiquia River Watermain Crossing	891,400.00	847,409.49	43,990.51	4.93%	Complete	
9-2005	Sidewalks and Traffic Signals	778,828.50	665,478.41	113,350.09	14.55%	Complete	
10-2005	Watermain Replacement	1,569,627.00	1,564,606.97	5,020.03	0.32%	Complete	
11-2005	Syndicate Avenue Reconstruction	2,903,538.70	2,817,598.05	85,940.65	2.96%	Complete	Additional block added- see Report 2006.078
12-2005	Storm Sewer Construction	570,297.50	543,689.94	26,607.56	4.67%	Complete	
13-2005	NOT USED						
14-2005	Fire Protection Upgrades- Various Buildings	268,260.20	261,613.00	6,647.20	2.48%	Complete	
1-2006	Asphalt Surface Rehabilitation	1,793,402.06	1,674,882.11	118,519.95	6.61%	Complete	
2-2006	Sidewalks and Traffic Signals	1,034,654.00	1,043,923.23	-9,269.23	-0.90%	Complete	quantity variations- see report 2007.045
3-2006	Westfort storm Sewers	1,121,379.50	1,119,994.70	1,384.80	0.12%	Complete	
4-2006	Sewer and Water Replacement	2,559,402.00	2,531,447.98	27,954.02	1.09%	Complete	
5-2006	CSO Outfall Gate Replacement	243,400.00	226,599.94	16,800.06	6.90%	Complete	
6-2006	Storm sewer Construction	1,346,560.50	1,297,382.85	49,177.65	3.65%	Complete	
7-2006	John St Landfill- Waste Transfer Equipment	292,385.78	0.00	N/A		Assigned	Contract assigned to Cont 9, 2007 as per novation agreement
8-2006	John St Landfill- Weigh Scales	218,977.57	0.00	N/A		Assigned	Contract assigned to Cont 9, 2007 as per novation agreement
9-2006	Watermain Replacement	1,143,165.00	1,027,317.50	115,847.50	10.13%	Complete	
10-2006	John St Landfill -Vehicle Wash Equipment	172,332.56	17,273.49	155,059.07	89.98%	Cancelled	Contract cancelled-settlement costs posted
11-2006	Vickers street Bridge Rehabilitation	1,113,213.00	1,136,188.03	-22,975.03	-2.06%	Complete	Quantity variations-see Report 2007.152
12-2006	Asphalt Surface Rehabilitation-Extended program	4,041,073.05	4,094,303.83	-53,230.78	-1.32%	Complete	Albany wm 2007.042,Clavet st added 2007.127,quant var 2008.005
13-2006	NOT USED						
14-2006	Rehabilitation of Sanitary Sewers	570,000.00	433,737.92	136,262.08	23.91%	Complete	
15-2006	Broadway Avenue Realignment	1,418,085.75	1,453,768.69	-35,682.94	-2.52%	Complete	Quantity Variations-see Report 2008.164
16-2006	Oliver Road Reconstruction	2,422,455.79	2,723,179.20	-300,723.41	-12.41%	Complete	Quantity Variations-see Report 2007.007
17-2006	Intercity Drainage Phase I	2,455,723.20	2,428,269.93	27,453.27	1.12%	Complete	
18-2006	Atlantic Ave WPCP-Supply of UV Disinfection Equip	62,523.36	62,523.26	0.10	0.00%	Reassigned	Original amount revised through novation to Contact 7, 2007
19-2006	Atlantic Ave WPCP-Supply of Biogas Cogeneration Equip	679,972.85	679,972.85	0.00	0.00%	Reassigned	Original amount revised through novation to Contact 7, 2007
1-2007	Asphalt Surface Rehabilitation	3,872,862.43	3,829,538.36	43,324.07	1.12%	Complete	
2-2007	Sidewalks and Street Lighting	601,345.30	566,838.18	34,507.12	5.74%	Complete	
3-2007	Watermain Relining	1,329,680.00	1,323,599.00	6,081.00	0.46%	Complete	

4-2007	May Street Reconstruction	2,344,901.90	2,392,311.40	-47,409.50	-2.02%	Complete	Quantity Variations-see Report 2008.036
5-2007	Ontario Street and Van Norman Street Reconstruction	2,239,514.45	2,240,932.00	-1,417.55	-0.06%	Complete	
6-2007	Sewer and Watermain Replacement	845,541.00	793,490.00	52,051.00	6.16%	Complete	
7-2007	Atlantic Ave WPCP-UV & Cogen Construction	9,134,620.43	9,113,307.44	21,312.99	0.23%	Complete	Original Contract Price adjusted by novation payments
8-2007	Red River Road Reconstruction	1,512,970.00	1,536,582.10	-23,612.10	-1.56%	Complete	Quantity variations-see Report 2008.032
9-2007	John Street Landfill Site-New Entrance Facilities,Site Prep	4,456,436.93	4,760,579.81	-304,142.88	-6.82%	Complete	Contract Extension Report 2008.044,Quantity variation Report 2009.047
10-2007	John Street Construction	1,966,487.00	2,328,496.26	-362,009.26	-18.41%	Complete	Quantity variations-see report 2009.026
11-2007	Intercity Drainage Phase II	2,087,382.20	2,047,000.00	40,382.20	1.93%	Complete	
12-2007	John Street Landfill-East Cell Expansion	637,350.00	726,707.15	-89,357.15	-14.02%	Complete	Quantity Variations- see Report 2009.072
1-2008	Asphalt Surface Rehabilitation	3,222,178.50	3,096,507.00	125,671.50	3.90%	Complete	
2-2008	Sidewalks and Street lighting	784,773.80	782,963.05	1,810.75	0.23%	Complete	
3-2008	Rockwood Ave, Pearl St, Brown/Moodie	1,787,750.00	1,720,899.43	66,850.57	3.74%	Complete	
4-2008	Sewer and Water Replacement	1,655,094.00	1,624,776.10	30,317.90	1.83%	Complete	
5-2008	Sewer and Water Replacement 2	2,008,000.00	1,904,565.81	103,434.19	5.15%	Complete	
6-2008	Asphalt Surface Rehabilitation 2	3,021,068.69	3,246,933.02	-225,864.33	-7.48%	Complete	Quantity Variations-see Report 2009.028
7-2008	Cathodic Protection Watermains	216,940.00	179,220.00	37,720.00	17.39%	Complete	
8-2008	Belrose Bridge Replacement	915,590.00	899,921.09	15,668.91	1.71%	Complete	
9-2008	Rehabilitation of Sanitary Sewers	336,801.00	227,848.00	108,953.00	32.35%	Complete	
10-2008	Mapleward Road Culvert Installation	306,566.50	292,611.92	13,954.58	4.55%	Complete	
11-2008	Harbour Expressway Bridge Rehabilitation	1,192,651.00	1,191,149.92	1,501.08	0.13%	Complete	
12-2008	Main street Bridge-Pin Cap Repairs	29,034.00	29,034.00	0.00	0.00%	Complete	Lump Sum Contract
1-2009	Asphalt Surface Rehabilitation	3,076,153.75	2,945,644.69	130,509.06	4.24%	Complete	
2-2009	Sidewalks and Streetlighting	923,556.75	923,549.45	7.30	0.00%	Complete	PO extended with GM approval
3-2009	Sewer and Watermain Replacement	1,874,657.00	1,919,891.29	-45,234.29	-2.41%	Complete	Contract Variation Report 2010.167
4-2009	Road and Storm Sewer	2,742,633.20	2,615,573.81	127,059.39	4.63%	Complete	Contract Extension Report 2010.041- Arthur st asphalt
5-2009	Sewer and Watermain Replacement II	1,824,886.20	1,824,861.61	24.59	0.00%	Complete	
6-2009	Asphalt Surface Rehabilitation II	3,029,611.50	2,870,002.61	159,608.89	5.27%	Complete	
7-2009	Lisgar Street Reconstruction	786,965.15	760,000.00	26,965.15	3.43%	Complete	Contract Extension Report 2010.040-extra landscaping
8-2009	John Street Landfill- Landfill Gas Collection and Abstr Plant	3,451,560.36	3,547,398.70	-95,838.34	-2.78%	Complete	Contract Variation Report 2010.050
9-2009	Intercity Drainage- Phase III	1,029,983.48	1,029,983.48	0.00	0.00%	Complete	
10-2009	Darrel Ave- Watermain Replacement					Tender Postponed	
11-2009	Balmoral Street Bridge Rehabilitation	1,404,767.80	1,384,606.95	20,160.85	1.44%	Complete	
1-2010	Asphalt Surface Rehabilitation	3,412,326.05	3,294,078.65	118,247.40	3.47%	Complete	
2-2010	Sidewalks and Street Lighting	902,304.90	895,147.43	7,157.47	0.79%	Complete	
3-2010	Sewer and Watermain Replacement-North	1,661,440.00	1,509,720.81	151,719.19	9.13%	Complete	
4-2010	Sewer and Water Replacement-1	1,639,460.00	1,596,005.83	43,454.17	2.65%	Complete	
5-2010	Sewer and Water Replacement -II	1,867,555.00	1,865,779.30	1,775.70	0.10%	Complete	
6-2010	Rosslyn Road and Mountdale Avenue Reconstruction	2,236,755.50	2,200,865.84	35,889.66	1.60%	Complete	Contract extension report 2011.038-reinstate original tender limits
7-2010	Marks Street Siphon	238,250.00	237,470.00	780.00	0.33%	Complete	
8-2010	Duke Street Pumping Station	632,319.05	581,941.48	50,377.57	7.97%	Complete	
9-2010	Innovation Drive and Premier Way Extensions	1,345,844.10	1,560,502.95	-214,658.85	-15.95%	Complete	Contract variation report 2011.103
10-2010	Darrel Avenue- Watermain Replacement	567,800.00	531,184.87	36,615.13	6.45%	Complete	
11-2010	May Street Bridge Rehabilitation	939,091.00	872,018.33	67,072.67	7.14%	Complete	
12-2010	Ada Ave/Hazelwood Drive Culvert Replacements	109,818.00	97,276.00	12,542.00	11.42%	Complete	
14-2010	Sanitary Sewer Rehabilitation	419,390.00	361,952.30	57,437.70	13.70%	Complete	
15-2010	Island Drive Watermain Looping	1,272,600.00	1,272,600.00	0.00	0.00%	Complete	
1-2011	Asphalt Surface Rehabilitation	3,713,996.56	3,719,036.90	-5,040.34	-0.14%	Complete	
2-2011	Sidewalks and Streetlighting	1,179,980.25	1,194,000.00	-14,019.75	-1.19%	Complete	GM approval obtained
3-2011	Sewer and Water Replacement-North	2,131,077.50	2,093,046.30	38,031.20	1.78%	Complete	
4-2011	S & W Replacement- North II & Pressure Zone Boundary	1,781,150.00	1,781,040.71	109.29	0.01%	Complete	
5-2011	Walsh Street Area Reconstruction	1,926,418.00	2,013,353.45	-86,935.45	-4.51%	Complete	Contract variation report 2012.001
6-2011	Algoma Street and Brodie Street Reconstruction	2,123,830.00	2,027,882.67	95,947.33	4.52%	Complete	
7-2011	Kam Tunnel Crossings					Tender Postponed	
8-2011	Cleaning and Cement Mortar Lining	1,458,300.00	1,456,115.00	2,185.00	0.15%	Complete	
9-2011	James Street Bridge	1,413,470.53	1,415,342.17	-1,871.64	-0.13%	Complete	Final contractor claim denied
10-2011	Landfill Capping of East Cell	2,312,400.00	2,342,800.52	-30,400.52	-1.31%	Complete	Contract variation report 2012.141

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11-2011	Intersection Improvements Valley/Pioneer and Rosslyn Road	1,138,566.00	1,179,746.72	-41,180.72	-3.62%	Complete	Contract variation report 2012.002
1-2012	Asphalt Surface Rehabilitation	2,417,136.30	2,407,784.78	9,351.52	0.39%	Complete	
2-2012	Sidewalks, Streetlighting and Traffic Signal Installation	919,243.00	990,770.99	-71,527.99	-7.78%	Complete	Contract variation report 2012.178
3-2012	Sewer and Watermain Replacement- South 1	2,809,089.00	2,723,903.34	85,185.66	3.03%	Complete	
4-2012	Sewer and Watermain Replacement-South 2	1,356,586.50	1,356,514.05	72.45	0.01%	Complete	
5-2012	Asphalt Surface Rehabilitation-2	2,944,852.21	2,799,091.59	145,760.62	4.95%	Complete	Contract rpt 2012.126 & 2013.102-Neebing ave watermain/LI san sewer
6-2012	Algoma Street Reconstruction	2,085,725.00	2,035,269.50	50,455.50	2.42%	Complete	
7-2012	South Core Courthouse Area- Street Reconstruction	1,887,994.18	1,860,233.57	27,760.61	1.47%	Complete	
8-2012	Cleaning and Cement Mortar Lining of Watermains	1,572,370.00	1,565,400.00	6,970.00	0.44%	Complete	
9-2012	Golf Links Reconstruction- Phase I					Tender Postponed	
10-2012	Victor Street watermain- River crossing	664,000.00	664,000.00	0.00	0.00%	Complete	
11-2012	Kam Tunnel watermain tie ins	262,584.00	218,263.50	44,320.50	16.88%	Complete	
12-2012	Erosion Protection of landfill East cell	189,219.50	189,219.50	0.00	0.00%	Complete	
14-2012	Rural Bridge Replacement	178,019.00	163,173.30	14,845.70	8.34%	Complete	
15-2012	Landfill Capping- Phase II	1,850,065.00	1,859,256.81	-9,191.81	-0.50%	Complete	GM approval obtained
16-2012	Paquette Road Bridge Replacement	395,664.93	317,495.07	78,169.86	19.76%	Complete	
17-2012	St Paul Street Reconstruction	487,526.73	442,412.28	45,114.45	9.25%	Complete	
1-2013	Asphalt Surface Rehabilitation	4,077,814.50	4,009,034.95	68,779.55	1.69%	Complete	
2-2013	Sidewalks, Street Lighting & Traffic Signal Installation	1,014,542.59	968,189.80	46,352.79	4.57%	Complete	
3-2013	Frederica Street and Waterloo Street Reconstruction	2,209,223.06	2,261,776.35	-52,553.29	-2.38%	Complete	Contract variation report 2014.001
4-2013	Sewer and Watermain Replacement I	1,589,143.50	1,585,496.18	3,647.32	0.23%	Complete	
5-2013	Asphalt Surface Rehabilitation -2	2,497,596.75	2,453,572.00	44,024.75	1.76%	Complete	
6-2013	Sewer and Watermain Replacement-2	1,464,409.00	1,464,263.95	145.05	0.01%	Complete	
7-2013	Golf Links Road/Junot Avenue Improvements-Stage I	6,096,856.38	6,953,918.35	-857,061.97	-14.06%	Complete	Contract variation report 2014.032
8-2013	Watermain Replacement- Beverly street	1,406,801.50	1,379,667.43	27,134.07	1.93%	Complete	
9-2013	Cement Mortar lining	1,199,670.00	1,186,444.00	13,226.00	1.10%	Complete	
10-2013	Bare Point Watermain-Phase I	1,071,180.00	1,071,154.69	25.31	0.00%	Complete	
11-2013	Northwood Storm Sewer & Watermain	1,083,310.70	952,437.60	130,873.10	12.08%	Complete	
12-2013	McKellar Island -Watermain river crossing	433,500.00	433,500.00	-	0.00%	Complete	
14-2013	Marina Park Pedestrian Overpass-Architechural Upgrade	358,431.14	359,763.52	-1,332.38	-0.37%	Complete	
15-2013	Cameron Street Bridge Reconstruction	1,184,871.00	1,200,954.00	-16,083.00	-1.36%	Complete	Contract variation report 2013.178
16-2013	Boulevard Lake Dam Rehabilitation			-		Tendered but not awarded	
17-2013	Cathodic Protection of Watermains	136,420.00	127,820.00	8,600.00	6.30%	Complete	
18-2013	Atlantic Ave WPCP-Headworks Bypass Channel	1,788,617.36	1,712,282.22	76,335.14	4.27%	Complete	
	Atlantic Ave WPCP-Diesel Fuel System Upgrade	501,358.83	501,358.83	-	0.00%	Complete	Contract extension awarded by Legal services
19-2013	Atlantic Ave WPCP- Turbo Blower Installation	1,498,915.23	1,506,836.73	-7,921.50	-0.53%	Complete	GM approval obtained
1-2014	Asphalt Surface Rehabilitation	3,324,305.55	2,998,981.65	325,323.90	9.79%	Complete	
2-2014	Sidewalks, Street Lighting & Traffic Signal Installation	1,224,333.07	1,110,258.81	114,074.26	9.32%	Complete	
3-2014	Arthur Street Area Reconstruction	2,152,495.51	2,078,327.15	74,168.36	3.45%	Complete	
4-2014	May Street Reconstruction-(Stage I)	1,966,498.00	1,919,425.14	47,072.86	2.39%	Complete	
5-2014	Asphalt Surface Rehabilitation 2	2,210,478.40	2,210,478.28	0.12	0.00%	Complete	
6-2014	Sewer & watermain Replacement 1	1,598,448.00	1,598,281.85	166.15	0.01%	Complete	
7-2014	Golf Links Road Reconstruction-Stage 2A	5,237,532.00	5,000,355.28	237,176.72	4.53%	Complete	
8-2014	Cement Mortar lining	1,370,900.00	1,370,900.00	0.00	0.00%	Complete	
9-2014	Sewer & Watermain II	1,944,878.00	1,884,571.34	60,306.66	3.10%	Complete	
10-2014	Northwood Relief Storm Sewer	1,268,115.00	1,238,759.78	29,355.22	2.31%	Complete	
11-2014	Sanitary Sewer Replacement					Tendered but not awarded	
12-2014	Valley Street Reconstruction	2,199,543.33	2,256,147.05	-56,603.72	-2.57%	Complete	Contract variation report 160/2015
14-2014	Golf Links Road- Pedestrian Bridges					Tendered but not awarded	
15-2014	Boulevard Lake Dam Rehabilitation					Tendered but not awarded	
16-2014	Extension to Existing East cell Landfill Gas Collection	346,975.00	325,475.00	21,500.00	6.20%	Complete	
17-2014	Rehabilitation of Court Steet Bridge	1,627,055.50	1,728,169.79	-101,114.29	-6.21%	Complete	Contract variation report R4/2015
1-2015	Asphalt Surface Rehabilitation	4,297,144.27	4,185,136.62	112,007.65	2.61%	Complete	
2-2015	Sidewalks & Traffic Signal Rehabilitation	1,345,223.38	1,308,077.55	37,145.83	2.76%	Complete	
3-2015	Mary street & Westfort Storm sewer Laterals	1,711,495.60	1,681,753.77	29,741.83	1.74%	Complete	
4-2015	May street Reconstruction-(Stage II)	2,358,696.50	2,329,993.00	28,703.50	1.22%	Complete	

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5-2015	Asphalt Surface Rehabilitation 2	2,601,326.78	2,472,626.76	128,700.02	4.95%	Complete	
6-2015	Sewer & Water I	1,863,119.80	1,863,080.61	39.19	0.00%	Complete	
7-2015	Golf Links Road Reconstruction- Stage 2B	3,438,380.00	3,437,345.00	1,035.00	0.03%	Complete	
8-2015	Cleaning & Cement Mortar Lining of Cast Watermains	1,297,450.00	1,297,450.00	0.00	0.00%	Complete	
9-2015	Northwood- Watermain & Storm Sewer	1,853,274.00	1,708,109.83	145,164.17	7.83%	Complete	
10-2015	Cumberland Street Reconstruction					Tendered but not Awarded	
11-2015	Trunk Watermain Replacement- Parking lot to MacDougall	1,613,772.00	1,611,281.76	2,490.24	0.15%	Complete	
12-2015	Sanitary and Storm Sewer	1,873,400.50	1,712,796.00	160,604.50	8.57%	Complete	
14-2015	Boulevard Lake Dam Rehabilitation					Tendered but not Awarded	
15-2015	Watermain Connections-Victor st and Riverdale rd	163,785.00	161,892.00	1,893.00	1.16%	Complete	
16-2015	Chamberlain Pumping Station Upgrades	1,858,643.90	1,865,593.00	-6,949.10	-0.37%	Complete	Environment Director approved
17-2015	Cathodic Protection of Watermains	157,400.00	136,310.00	21,090.00	13.40%	Complete	
1-2016	Asphalt Surface Rehabilitation 1	3,036,142.00	2,920,138.57	116,003.43	3.82%	Complete	Report 50/2016 added streets for paving
2-2016	Sidewalks, Street Lighting and Traffic Signal Rehabilitation	859,523.15	815,407.12	44,116.03	5.13%	Complete	
3-2016	Cumberland Street Reconstruction	2,847,285.10	2,842,791.42	4,493.68	0.16%	Complete	
4-2016	Sewer and Water 1	2,578,482.00	2,576,752.14	1,729.86	0.07%	Complete	
5-2016	Asphalt Surface Rehabilitation II	2,696,761.57	2,695,577.19	1,184.38	0.04%	Complete	
6-2016	Sewer and Watermain- Westfort Ward Area	3,077,369.50	3,074,331.54	3,037.96	0.10%	Complete	
8-2016	Cement Mortar Lining	1,324,025.00	1,323,300.00	725.00	0.05%	Complete	
9-2016	Sewer and Water II	1,817,773.00	1,601,949.93	215,823.07	11.87%	Complete	
10-2016	Northwood Area Storm Sewer	1,371,233.00	1,371,789.64	-556.64	-0.04%	Complete	
11-2016	Balmoral Street Reconstruction-Phase 1	3,563,741.70	3,561,199.17	2,542.53	0.07%	Complete	
12-2016	Pressure Zone Conversion-Sewer and Water III	377,955.00	377,955.00	0.00	0.00%	Complete	
14-2016	Thunder Bay Waterfront- South of Pearl st Parking Lot	1,439,470.80	1,439,470.80	0.00	0.00%	In Progress	
15-2016	Landfill Gas Extension	321,659.00	371,304.87	-49,645.87	-15.43%	Complete	Emergency valve repair added cost
1-2017	Asphalt Surface Rehabilitation I	4,323,505.25	4,323,505.25	0.00	0.00%	In Progress	
2-2017	Sidewalks and Trails	1,106,467.25	1,006,422.00	100,045.25	9.04%	Complete	
3-2017	Court and Banning street Reconstruction	2,438,247.50	2,229,367.15	208,880.35	8.57%	Complete	
4-2017	Sewer and Water Replacement I	1,196,648.55	1,118,896.42	77,752.13	6.50%	Complete	
5-2017	Asphalt Surface Rehabilitation II	3,360,383.25	3,360,383.25	0.00	0.00%	In Progress	
6-2017	Crescent Ave Reconstruction and Empress Ave Storm Relief	1,943,634.00	2,441,182.47	-497,548.47	-25.60%	Complete	Storm sewer extended limits & quantity variations- see report 106/2018
7-2017	High Street Retaining Wall	2,144,740.00	2,263,228.19	-118,488.19	-5.52%	Complete	GM Finance approved-lame duck Council
8-2017	Cleaning and Cement Mortar Lining of Cast Iron Watermains	1,319,700.00	1,319,185.00	515.00	0.04%	Complete	
9-2017	Central Ave and First ave Watermain Replacement	1,149,283.00	1,098,926.09	50,356.91	4.38%	Complete	
10-2017	McKellar Ward Road Construction and Storm Separation	3,864,705.00	3,700,453.31	164,251.69	4.25%	Complete	
11-2017	Cathodic Protection	134,700.00	159,050.00	-24,350.00	-18.08%	Complete	Surplus water rate funds transfered from previous year (2015) contract
12-2017	Northwood Area Storm Sewer	2,095,391.00	2,110,410.01	-15,019.01	-0.72%	Complete	Final price amended by Rate Stabilization account resolution
14-2017	Wardrop Ave Reconstruction	1,157,955.20	1,157,955.20	0.00	0.00%	Complete	
15-2017	Green Infrastructure- Low Impact Development Facilities					Tender Postponed	
16-2017	Black Bay Road- Trunk Watermain	877,140.00	864,370.24	12,769.76	1.46%	Complete	
17-2017	Waterfront Habitat Pond-Storm Water Treatment					Tendered but not Awarded	
18-2017	Briarwood Drive Culvert Replacement	470,792.00	487,187.50	-16,395.50	-3.48%	Complete	GM approved-no report submitted
1-2018	Asphalt Surface Rehabilitation 1	4,323,505.25	4,323,505.25	0.00	0.00%	In Progress	
2-2018	Sidewalks and Traffic Control	720,500.01	687,656.66	32,843.35	4.56%	Complete	Oliver rd sidewalk did not proceed
3-2018	Edward Street and Court Street Reconstruction	1,855,926.25	1,695,937.72	159,988.53	8.62%	Complete	
4-2018	Storm Sewer Separation	1,533,333.70	1,533,333.70	0.00	0.00%	In Progress	
5-2018	Asphalt Surface Rehabilitation II	2,425,470.00	2,425,470.00	0.00	0.00%	In Progress	
6-2018	Empress Avenue Reconstruction- Phase II					Tendered but not Awarded	
7-2018	Main Street Bridge Rehabilitation	4,925,103.00	4,925,103.00	0.00	0.00%	In Progress	
8-2018	Cleaning and Cement Mortar Lining of Cast Iron watermains	1,413,050.00	1,412,928.15	121.85	0.01%	Complete	
9-2018	Sewer and Water	1,919,980.50	1,919,980.50	0.00	0.00%	In Progress	
10-2018	Cathodic Protection					Tender postponed	
11-2018	Marion Street Trunk Watermain Replacement					Tender postponed	
12-2018	Green Infrastructure Stormwater Facilities					Tender postponed	
14-2018	Intercity Priority Storm Sewer					Tender postponed	
15-2018	Thunder Bay Waterfront Site Development	1,413,186.00	1,413,186.00	0.00	0.00%	In Progress	

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16-2018	Marina Market Square Parking area & Drainage Improvements					Tender postponed	
18-2018	Bare Point Road Reconstruction	153,712.70	153,712.70	0.00	0.00%	In Progress	
		\$497,981,846.14	\$491,489,331.65	\$6,492,514.49			

MEETING DATE 06/03/2019 (mm/dd/yyyy)

SUBJECT Waste Electrical and Electronic Equipment Program - Collection Site
Operator Agreement

SUMMARY

Memorandum dated May 17, 2019 from Mr. J. Sherband, Manager - Solid Waste and Recycling Services, containing a motion relative to the above noted.

RECOMMENDATION

With respect to the Memorandum from Mr. J. Sherband, Manager – Solid Waste and Recycling Services, dated May 17, 2019, relative to the Waste Electrical and Electronic Equipment Program, we recommend that the City of Thunder Bay enter into a standard “Collection Site Operator Agreement” with Ontario Electronic Stewardship (OES);

AND THAT the Mayor and Clerk are authorized to execute this Agreement and any other necessary documentation related to the agreement;

AND THAT any necessary by-laws are presented to City Council for ratification.

ATTACHMENTS

1. OES Memo - May 17, 2019

MEMORANDUM

TO: Mayor Mauro and Members of City Council

FROM: Jason Sherband, Manager - Solid Waste and Recycling Services

DATE: May 17, 2019

RE: Waste Electrical and Electronic Equipment Program - Collection
Site Operator Agreement

The purpose of this memorandum is to provide an update on the Provincial Waste Electrical and Electronic Equipment (WEEE) Program and seek City Council approval to enter into a standard Collection Site Operator Agreement with Ontario Electronic Stewardship (OES).

The WEEE Program manages end-of-life and unwanted electronics from display devices to computers, home audio/video systems, and cellular devices. The program is operated by OES, an industry led, not-for-profit organization, which ensures material is handled safe, secure and in an environmentally sound manner.

End-of-life and unwanted electronics are dropped off at authorized collection depots, return-to-retail locations and at special collection events. Material is then sent to audited and approved specialized recyclers for processing.

In February 2018, the Minister of Environment and Climate Change directed OES to wind up the WEEE Program on June 30, 2020. This will enable transition of electronic waste to individual producer responsibility under the new provincial regulatory framework.

The City of Thunder Bay operates one full-time Electronic Waste Recycling Depot located at the Thunder Bay Solid Waste and Recycling Facility. Administration would like to enter into a standard Collection Site Operator Agreement with OES. The signing of this agreement will ensure the program continues without any service disruptions between now and when the program is anticipated to wind up.

The City will also receive financial compensation for program electronics collected at its site during the duration of the agreement, which based on historical tonnages collected, is anticipated to be approximately \$30,000 annually.

The City's legal counsel has reviewed the agreement on behalf of the City of Thunder Bay and has no concerns.

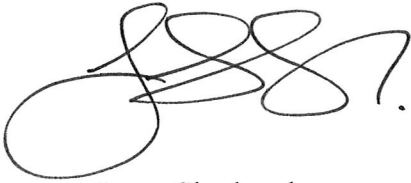
In accordance with the Program requirements, Administration is recommending that the following resolution be considered by City Council:

With respect to the Memorandum from Mr. J. Sherband, Manager – Solid Waste and Recycling Services, dated May 17, 2019, relative to the Waste Electrical and Electronic Equipment Program, we recommend that the City of Thunder Bay enter into a standard “Collection Site Operator Agreement” with Ontario Electronic Stewardship (OES);

AND THAT the Mayor and Clerk are authorized to execute this Agreement and any other necessary documentation related to the agreement;

AND THAT any necessary by-laws are presented to City Council for ratification.

Yours truly,

A handwritten signature in black ink, appearing to read 'J. Sherband', with a large, stylized loop at the end.

Jason Sherband

pc Norm Gale, City Manager
 John Hannam, City Clerk
 Kerri Marshall, GM – Infrastructure and Operations
 Michelle Warywoda, Director – Environment

Memorandum

TO: Mayor and Members of Council

FROM: Aaron Ward, Project Engineer – Infrastructure & Operations

DATE: May 21, 2019

SUBJECT: Stormwater Financing Study

This memorandum is to update Council on the Stormwater Financing Study that commenced in the fall of 2017.

Background

In June 2016, Council approved in principle the Stormwater Management Plan for Sustainable Surface Water Management (the “Stormwater Plan”), and directed Administration to report back on a financing strategy to support the successful implementation of the Stormwater Plan.

In the fall of 2017, the City retained the services of AECOM to assist and complete a Stormwater Financing Study (the “Financing Study”), including reviewing how the City currently collects revenue for stormwater, what are other options to collect revenue for stormwater, what are sustainable stormwater service and funding levels, and to develop steps for implementing the preferred strategy.

A presentation to Council was held on January 22, 2018, and a Public Information Centre was held on January 23, 2018 to introduce the Financing Study.

Administrative Update

Based on the Financing Study findings to date, the City’s current expenditures on stormwater management (\$5.63M in 2019), and due to changes in asset management legislation, no changes are recommended at this time in stormwater financing.

Throughout the Financing Study, the project team received feedback from a number of forums, including the Public Information Centre, online and in-person surveys, from attending Ward meetings, meeting directly with major employers, and through a Stormwater Advisory Committee, which was made up of members of the public, business sector, and other agencies.

The Financing Study recommends that a stormwater user fee, or utility, be considered in the future once investment in stormwater increases to a level to make it cost effective. A stormwater user fee is becoming much more common throughout Ontario and Canada, and there are many benefits to a user fee, such as incentive and rebate programs for private properties which help encourage responsible stormwater management behaviours. However, a user fee is not recommended to be created at this time.

as there is not a business case to implement it due to the high initial (one-time) costs and the increased on-going costs to administer the user fee. Further assessment on the impacts to currently tax-exempt properties, and properties that may be exempt from a user fee, is also required.

On January 1, 2018 Ontario Regulation 588/17 Asset Management Planning for Municipal Infrastructure (the “Regulation”) came into effect under the Infrastructure for Jobs and Prosperity Act, 2017. This Regulation requires municipalities to identify all infrastructure assets, and to develop levels of service and a ten-year financing strategy for the long-term sustainability of all assets by July 1, 2024. This will consider the City’s ability to afford proposed levels of service and will include a detailed and thorough community consultation plan to seek input on the overall asset management program, including stormwater assets.

With the timeframes and scope of this Regulation, moving ahead with implementing changes to stormwater financing in isolation is not recommended given that these changes may be short-term and may not align with the future holistic plan that includes all infrastructure assets.

All of the information gathered in the Financing Study will inform the stormwater financing strategy to meet the Regulation and will also aid in the assessment, and development of financing strategies for other components of the City’s infrastructure.

In the interim, the City will continue to pursue additional funding for stormwater capital infrastructure to reduce the infrastructure gap – capital expenditures were identified as the largest portion of the infrastructure gap in both the Stormwater Plan and Financing Study. A current example is City’s application for the Community Flood Mitigation Project under the Disaster Mitigation and Adaptation Fund, which, if successful, will provide up to 40% funding towards \$13 million (gross) total in new stormwater capital expenditures for the next 9-years (up to the 2027 – 2028 fiscal year).

Yours Truly,



Aaron Ward, P. Eng.
Project Engineer
Infrastructure & Operations Department

AW
Encl.

Attachment 1 – Report R16/2019 – Strategic Asset Management Policy

cc: John S. Hannam – City Clerk
Norm Gale – City Manager
Kerri Marshall – General Manager – Infrastructure & Operations
Kayla Dixon – Director – Engineering & Operations
Mark Smith – General Manager – Developer & Emergency Services

Corporate Report

DEPARTMENT/ DIVISION	Infrastructure & Operations	REPORT NO.	R 16/2019
DATE PREPARED	16/01/2019	FILE NO.	
MEETING DATE	04/02/2019 (mm/dd/yyyy)		
SUBJECT	Strategic Asset Management Policy		

RECOMMENDATION

With respect to Report No. R16/2019 (Infrastructure and Operations), we recommend that the Strategic Asset Management Policy as appended to this Report be adopted;

AND THAT any necessary By-laws be presented to City Council for ratification.

LINK TO STRATEGIC PLAN

This report directly supports Goal #18 under the Governance pillar of the Corporate Strategic Plan: “Sustainable through enhanced infrastructure renewal.” The City of Thunder Bay aims to better direct infrastructure investments in a way that is socially, environmentally and economically sustainable in the long-term.

This report also supports Strategic Action 8.1 under the Environment pillar: “Plan for climate resilient infrastructure and services”.

EXECUTIVE SUMMARY

The purpose of this report is to seek approval of the new Strategy Asset Management Policy in compliance with Ontario Regulation 588/17. This Policy will provide leadership in and commitment to the development and implementation of the City’s asset management program. It is intended to guide the consistent use of asset management across the organization, to facilitate logical and evidence-based decision-making for the management of municipal infrastructure assets and to support the delivery of sustainable services now and in the future. This policy demonstrates an organization-wide commitment to the good stewardship of municipal infrastructure assets, and to improved accountability and transparency to the community through the adoption of best practices in asset management.

DISCUSSION

On January 1, 2018 Ontario Regulation 588/17 Asset Management Planning For Municipal Infrastructure came into effect under the Infrastructure for Jobs and Prosperity Act, 2015. The first requirement under this new regulation is to develop a Strategic Asset Management Policy by July 1, 2019. Grant funding was secured through the Federation of Canadian Municipalities (FCM) Climate and Asset Management Network to take the first steps in the multi-year process of developing an asset management program to meet the regulation.

The draft policy has been developed in collaboration with municipalities across Canada. Thunder Bay is one of 19 municipalities participating in the FCM Climate and Asset Management Network with a goal to manage the City's assets more efficiently and sustainably. Policy development has been a key focus of this network and is one of the key deliverables under our funding agreement with FCM. Further, an internal working group was created to help further guide the development of the proposed Strategic Asset Management Policy for Thunder Bay. Representatives from across the Corporation with lead roles in asset management guided this work.

The proposed Strategic Asset Management Policy communicates the City's commitment to developing and implementing a corporate wide asset management program in compliance with Ontario Regulation 588/17. The development and approval of this policy is the first step to achieve compliance. Following the adoption of this policy, work will continue to be carried out in three phases as identified below:

- Phase I would address core infrastructure assets (roads, bridges, water, wastewater and storm management systems) and require completion by July 1, 2021.
- Phase II would expand on Phase I by including all infrastructure assets by July 1, 2023.
- Phase III would require refinement of all asset data, levels of service and the development of a ten year financing strategy for the long term sustainability of the Plan by July 1, 2024. This will consider the City's ability to afford proposed levels of service.

Community consultation is important in the development of the program. A detailed consultation approach will be developed upon approval of this policy to help engage the community in this process, to inform levels of service, and in the development of the overall asset management program.

The approval of this policy is an important step towards aligning and integrating the City's strategic mission, vision and goals with its asset management program, and ensuring that critical municipal infrastructure assets and vital services are maintained and provided to the community in a consistent, reliable and sustainable manner.

LINK TO EARTHCARE SUSTAINABILITY PLAN

This report supports Goal #4 of the Climate Adaptation Strategy to “consider climate change impacts in the design, construction and maintenance of physical infrastructure while considering affordability and co-benefits”.

FINANCIAL IMPLICATION

There are no direct financial implications associated with this Report. However, there may be financial implications that arise from the implementation of the Asset Management Program. There is also a risk that if the policy is not approved by February 2019, we may not be eligible to claim FCM funding for the project.

CONCLUSION

It is concluded that City Council should approve and adopt the appended Strategic Asset Management Policy.

BACKGROUND

Corporate Report R180/2017 (Corporate Services & Long Term Care – Financial Services) outlined the proposed requirements for municipalities through Ontario Regulation 588/17 Asset Management Planning for Municipal Infrastructure under The Infrastructure for Jobs and Prosperity Act, 2015.

On November 6, 2017 Council passed a resolution with Report R 139/2017 (Infrastructure & Operations) to approve the receipt and expenditure of funding through the FCM through Phase I of the Climate and Asset Management Network.

On June 5, 2017 Council passed a resolution recommending that the City of Thunder Bay participate in FCM’s Climate and Asset Management Network to develop an asset management policy, strategy and governance framework to align with the City’s Climate Adaptation Strategy and other social, economic and environmental sustainability goals.

Version 3 of the City’s Asset Management Plan was published in January 2017 with Report 3/2017 (Corporate Services & Long Term Care – Financial Services) and included all asset categories.

REFERENCE MATERIAL ATTACHED:

Attachment A – Draft Strategic Asset Management Policy

Attachment B – Ontario Regulation 588/17, Asset Management Planning For Municipal Infrastructure

Attachment C – Section 3: Infrastructure Planning Principles from the Infrastructure for Jobs and Prosperity Act, 2015.

PREPARED BY: AMY COOMES, SUSTAINABILITY COORDINATOR

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)	DATE:
Kerri Marshall, General Manager – Infrastructure & Operations	January 28, 2019

MEETING DATE 06/03/2019 (mm/dd/yyyy)

SUBJECT Wake The Giant

SUMMARY

Memorandum dated May 23, 2019 from Mayor B. Mauro relative to the Wake the Giant cultural awareness and project initiative.

RECOMMENDATION

With respect to the Wake the Giant cultural awareness and inclusion project, we recommend that the City of Thunder Bay join the movement, endorsing its objectives;

AND THAT all City of Thunder Bay facilities display the Wake the Giant stickers and that City of Thunder Bay employees be made aware of the goals, objectives and principles of the movement.

ATTACHMENTS

1. Mayor B. Mauro memo dated May 23, 2019

Memorandum

Office of the City Clerk
Fax: 623-5468
Telephone: 625-2230

TO: Members of Council

FROM: Mayor B. Mauro

DATE: May 23, 2019

SUBJECT: Wake the Giant – joining the initiative

Members of Council will be aware of the Wake the Giant cultural awareness project launched in Thunder Bay in April. It has been remarkable to see how quickly participation in this inclusivity initiative has grown across the community. At this point well over 200 businesses and organizations have joined Wake the Giant and proudly display the Wake the Giant door stickers that mark membership in this grassroots movement.

The rapid growth, far outstripping the organizer's early expectations, speaks clearly to the inclusive community that we know Thunder Bay can be and I would like to thank everyone that has joined.

Through the Office of the City Clerk we will soon see Wake the Giant stickers on the doors of City Hall, and City bodies such as the Anti-Racism, Inclusion and Diversity Committee have also joined the movement. To extend that support I would like to have the City of Thunder Bay as whole join the movement and have Wake the Giant stickers be a sign of welcome and inclusion at all City facilities. To that end I offer the following motion for your consideration, on the June 3, 2019 Committee of the Whole agenda:

“With respect to the Wake the Giant cultural awareness and inclusion project, we recommend that the City of Thunder Bay join the movement, endorsing its objectives;

AND THAT all City of Thunder Bay facilities display the Wake the Giant stickers and that City of Thunder Bay employees be made aware of the goals, objectives and principles of the movement.”

MEETING DATE 06/03/2019 (mm/dd/yyyy)

SUBJECT Accessibility Advisory Committee Minutes

SUMMARY

Minutes of Meetings No. 03-2019, of the Accessibility Advisory Committee held on March 14, 2019, for information.

ATTACHMENTS

1. AAC Minutes 03-2019 March 14 2019

COMMITTEE: Accessibility Advisory
 Committee (AAC)

MEETING NO.: 03-2019

TIME: 1:30 – 3:30 P.M.

DATE: Thursday,
 March 14, 2019

PLACE: West Thunder Community Centre
 915 Edward Street, Thunder Bay

CHAIR: Mr. Kai Crites

MEMBERS:	SECTOR REPRESENTATIVE	OFFICIALS:
Mr. K. Crites	- Mental Health	Ms. K. Power, Deputy City Clerk
Mr. J. Gobeil	- Citizen at Large	Mr. S. Garner, Municipal Accessibility Specialist
Ms. D. Hamilton	- Speech Impairment	Ms. F. Track, Committee Coordinator
Ms. R. Harrison	- Service Agency	RESOURCES:
Councillor R. Johnson	- Council Representative	Mr. B. Maxwell, Inclusion Services
Ms. T. Lennox	- Learning Disability	GUESTS:
Mr. M. Rubenick	- Senior with a Disability	Ms. K. Charlton, Property Agent – Realty Services
Mr. B. Spare	- Hard of Hearing/Late Deafened	Ms. K. Dixon, Director of Engineering
Ms. T. Soderberg	- Visually Impaired or Blind	Mr. M. Miedema, Project Engineer
Mr. R. Wheeler	- Brain Injury	

AGENDA

1. WELCOME AND INTRODUCTIONS

The Chair called the meeting to order and a roundtable of introductions followed.

2. COMMUNICATION PROCESS

The communication process was explained and Mr. B. Spare agreed to keep the speakers list

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MEETING NO.: 03-2019

DATE: March 14, 2019

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3. AGENDA APPROVAL

MOVED BY: Ms. T. Lennox
SECONDED BY: Ms. R. Harrison

With respect to the March 14, 2019 meeting of the Accessibility Advisory Committee, we recommend that the agenda as printed, including any additional information and new business, be confirmed.

CARRIED

4. PRESENTATIONS

Pop - Up Patio's Pilot Project

Ms. K. Charlton, Property Agent – Realty Services, provided an update relative to the above and a discussion followed.

Media Release dated March 4, 2019 – The City of Thunder Bay will be extending the *Pop-Up Patio Pilot* until 2020 to allow temporary, seasonal patios and seating areas to be built in front of businesses.

The pilot was originally launched in May 2018. Feedback was then gathered from businesses and the public on how to improve the program, resulting in changes to the program this year. 950 responses were gathered and only 4 negative comments relative to access over sidewalks were received.

Patios will be extended onto the street rather than on the sidewalk, utilizing a parking space in front of the business. This will not impact accessible parking, as any displaced accessible parking will be accommodated. All applications received must be accompanied by a blueprint, will be reviewed, deficiencies will be noted and modifications to the design will be required prior to a permit being issued. There is an administration fee as well as \$100.00/ agreement.

The Chair thanked Ms. Charlton for appearing before the committee.

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Roundabouts

Ms. K. Dixon, Director of Engineering, and Mr. M. Miedema, Project Engineer, provided information relative to Roundabouts in The City of Thunder Bay. Drawing entitled “Site Plan – Victoria Ave Roundabout” was distributed Thursday, February 11, 2019 on desks.

Mr. M. Miedema provided an overview of the proposed Roundabout on Victoria Avenue at Lillie Street.

- The location was chosen by the Engineering & Operations Division
- Supported by the City's Transportation Master Plan
- Traffic lights at the intersection of Lillie Street and Victoria Avenue East will be removed
- Lillie Street will become a one-way northbound street
- Pedestrian crossover will be installed at the west side of the roundabout
- Transit route optimization in place
- Proposed Roundabout recommendation to go to Council in May 2019

Ms. K. Dixon provided an overview of the 2 Open Houses that were held in January 2019 which encouraged public consultation. Concerns brought forward during these sessions were:

- Traffic detouring through residential areas
- Backing out of driveways

During discussion relative to the above noted some concerns were raised by the AAC members:

- Pedestrian crosswalks without audible or visible signals is a major concern as trying to cross 4 lanes of traffic without accessible signals can be deadly with increased numbers of electric vehicles on roads
- Tactile walking surface at crosswalks
- By connecting a recreation trail at this location are the crosswalk accessibility requirements reduced?
- Bikes are allowed on a recreation trail but not on sidewalks
- Speed of traffic approaching

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- Traffic study being done in winter months does not provide accurate pedestrian numbers
- Accessibility in the winter months to crosswalks and Transit stops
- High number of Senior's in the area

The Chair thanked Ms. Dixon and Mr. Miedema for appearing before the AAC.

The meeting recessed for a coffee break at 2:37 P.M.

The meeting reconvened at 2:47 p.m.

5. MINUTES OF PREVIOUS MEETING

The Minutes of Meeting No. 02-2019 of the Accessibility Advisory Committee held on February 14, 2019 were distributed with the agenda on Thursday, March 7, 2019 to members of the AAC.

MOVED BY: Mr. B. Spare
SECONDED BY: Mr. R. Wheeler

THAT the Minutes of Meetings No. 02-2019 of the Accessibility Advisory Committee, held on February 14, 2019, be confirmed.

CARRIED

6. 2019 AAC OPEN HOUSE

Mr. S. Garner, Municipal Accessibility Specialist provided an update relative to the above noted.

Plans have been made to host this year's Open House during the 3rd Annual National Accessibility Week. Further details are:

Location - Castlegreen Community Centre, 213 Castlegreen Dr. Thunder Bay ON

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Dates - Thursday, May 30, 2019

Time - 6:30 P.M. to 9:00 P.M.

Attendance -

Transportation - for members will be with Lift +

Presentations - survey to be provided

Other Resources Attending - Transit Services and CNIB

Mr. M. Rubenick and Mr. K. Crites offered to assist in the preparations.

7. ROUNDTABLE OF ACCESSIBILITY ISSUES

Committee members reported on accessibility issues encountered or identified in the community.

8. WORKING GROUP UPDATES

8.1 Built Environment

Mr. S. Garner, Municipal Accessibility Specialist, provided an update relative to the Built Environment Working Group. They last met on November 6, 2018 with Roberta (Bobbi) Tait, Planning & Research Analyst - Project Development, to review plans for the new Human Resources space in Victoriaville Civic Centre. They also consulted with Ms. Dana Earle and Mr. Shahrzad Borjian, from Transit Services at the City Hall transit shelters to discuss lowering the button to activate the heaters.

8.2 Public Art Committee

No updates at this time.

8.3 Walkability Committee

No updates at this time.

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9. NEW BUSINESS

Ms. F. Track provided a verbal update relative to scheduled Transit Signage replacement, for information. Replacement of the signs will begin this week and take approximately 3 weeks to complete. They are replacing the Green signs with Blue signs that are accessible.

NEXT MEETING

The Accessibility Advisory Committee will meet on the 2nd Thursday of every month, except July, August and December, from 1:30 to 3:30 p.m., at the West Thunder Community Centre, 915 Edward Street South, Thunder Bay, unless otherwise notified.

- Thursday, April 11, 2019
- Thursday, May 9, 2019
- AAC Open House - Thursday, May 30, 2019
- Thursday, June 13, 2019
- No meeting in July 2019
- No meeting in August 2019
- Thursday, September 12, 2019
- Thursday, October 10, 2019
- Thursday, November 14, 2019

10. ADJOURNMENT

The meeting adjourned at 3:30 p.m.

MEETING DATE 06/03/2019 (mm/dd/yyyy)

SUBJECT The District of Thunder Bay Social Services Administration Board
Minutes

SUMMARY

Minutes of Meetings No. 8/2019 and No. 9/2019 (Closed), of The District of Thunder Bay Social Services Administration Board held on April 18, 2019 for information.

ATTACHMENTS

1. TBDSSB Minutes Closed Session April 18, 2019
2. TBDSSB Minutes Regular Session April 18, 2019



**MINUTES OF BOARD (CLOSED SESSION) MEETING NO. 09/2019
OF
THE DISTRICT OF THUNDER BAY SOCIAL SERVICES ADMINISTRATION BOARD**

DATE OF MEETING: April 18, 2019

TIME OF MEETING: 10:46 a.m.

LOCATION OF MEETING: TBDSSAB Headquarters
231 May Street South, 3rd Floor Boardroom
Thunder Bay, ON

CHAIR: Lucy Kloosterhuis

PRESENT:

Albert Aiello
Kim Brown
Jody Davis
Andrew Foulds
James Foulds
Brian Hamilton
Kevin Holland
Lucy Kloosterhuis
Elaine Mannisto
Aldo Ruberto
Wendy Wright

OFFICIALS:

William (Bill) Bradica, Chief Administrative Officer, Acting
Director – Client Services Division
Georgina Daniels, Director-Corporate Services Division
Ken Ranta, Director – Housing Services Division
Glenda Flank, Recording Secretary
Sarah Schoales, Administrative Assistant

GUESTS:

Roxanne Brunelle, Manager, Human Resources

REGRETS:

Rebecca Johnson
Shelby Ch'ng
Ray Lake

Note: For the purposes of the Minutes references to TBDSSAB or the Board refers to The District of Thunder Bay Social Services Administration Board of Directors as relevant to specific agenda item; references to TBDHC or the Board refers to the Directors of Thunder Bay District Housing Corporation as relevant to specific agenda item. References to CAO refer jointly to the Chief Administrative Officer of TBDSSAB and Senior Administrator of TBDHC.

BOARD MEETING

DISCLOSURES OF INTEREST

None.

REPORTS OF ADMINISTRATION

Municipal Conflict of Interest Act – Legal Opinion

Report No. 2019CS-03 was presented to the Board to provide information received in the Legal Opinion regarding the responsibility of The District of Thunder Bay Social Services Administration Board to keep record of declarations of pecuniary interest.

William Bradica, CAO provided an overview of the legal opinion, responded to questions and provided clarification.

At 10:52 a.m. Brian Hamilton entered the meeting.

At 10:55 a.m., Ken Ranta, Director – Housing Services Division, Georgina Daniels, Director – Corporate Services Division, Glenda Flank, Recording Secretary and Sarah Schoales left the meeting room

Human Resources

William Bradica, CAO provided a verbal update to the Board regarding a Human Resources staffing issue and responded to questions.

Addiction Services Initiative

Memorandum from Richard Steele, ADM, Social Assistance Programs Division dated April 16, 2019 was presented to the Board for information and discussion.

William Bradica, CAO provided an overview of the Ministry's plan to end the program, and responded to questions.

Chief Administrative Officer – Performance Evaluation

Lucy Kloosterhuis, Chair provided a verbal update to regarding the above noted matter.

ADJOURNMENT

Resolution No. 18/CS04

Moved by: Aldo Ruberto
Seconded by: Wendy Wright

THAT the Board (Closed Session) Meeting No. 09/2019 of The District of Thunder Bay Social Services Administration Board, held on April 18, 2019, be adjourned at 11:35 a.m., to reconvene in Open Session to consider the remaining agenda items.

CARRIED


Chair


Chief Administrative Officer



**MINUTES OF BOARD MEETING NO. 08/2019
OF
THE DISTRICT OF THUNDER BAY SOCIAL SERVICES ADMINISTRATION BOARD**

DATE OF MEETING: April 18, 2019

TIME OF MEETING: 10:32 a.m.

LOCATION OF MEETING: TBDSSAB Headquarters
231 May Street South, 3rd Floor Boardroom
Thunder Bay, ON

CHAIR: Lucy Kloosterhuis

PRESENT:

Albert Aiello
Kim Brown
Jody Davis
Andrew Foulds
James Foulds
Brian Hamilton
Kevin Holland
Rebecca Johnson
Lucy Kloosterhuis
Elaine Mannisto
Aldo Ruberto
Wendy Wright

OFFICIALS:

William (Bill) Bradica, Chief Administrative Officer, Acting
Director – Client Services Division
Georgina Daniels, Director-Corporate Services Division
Ken Ranta, Director – Housing Services Division
Glenda Flank, Recording Secretary
Sarah Schoales, Administrative Assistant

GUESTS:

Brook Latimer, Supervisor, Communications &
Engagement
Keri Greaves, Manager, Finance
Roxanne Brunelle, Manager, Human Resources
Kristyn Lovato-Day, Acting Supervisor, Research & Social
Policy

REGRETS:

Shelby Ch'ng
Ray Lake

Note: For the purposes of the Minutes references to TBDSSAB or the Board refers to The District of Thunder Bay Social Services Administration Board of Directors as relevant to specific agenda items; references to TBDHC or the Board refers to the Directors of Thunder Bay District Housing Corporation as relevant to specific agenda items. References to CAO refer jointly to the Chief Administrative Officer of TBDSSAB and Senior Administrator of TBDHC.

BOARD MEETING

DISCLOSURES OF INTEREST

None.

NEW BUSINESS

William Bradica, CAO requested that a letter received from The Honourable Steve Clark, Minister of Municipal Affairs and Housing dated April 17, 2019 be added to the Agenda for discussion.

William Bradica provided an overview of the allocations for the housing programs contained in the letter and responded to questions.

CONFIRMATION OF BOARD MEETING AGENDA

Resolution No. 19/40

Moved by: Andrew Foulds
Seconded by: Kim Brown

THAT with respect to the agendas for the Board Regular and Closed Session meetings of The District of Thunder Bay Social Services Administration Board for April 18, 2019, we approve the agendas as printed;

AND THAT we approve any additional information and new business.

CARRIED

MINUTES OF PREVIOUS MEETINGS

Board Meetings

Minutes of Meeting No. 06/2019 (Regular Session) and 07/2019 (Closed Session) of TBDSSAB, held on March 21, 2019, were presented for confirmation.

Resolution No. 19/41

Moved by: Kim Brown
Seconded by: Elaine Mannisto

THAT the Minutes of Meeting No. 06/2019 (Regular Session) and Meeting No. 07/2019 (Closed Session) of The District of Thunder Bay Social Services Administration Board, held on March 21, 2019, be confirmed.

CARRIED

CLOSED SESSION MEETING

Administration recommended that the Board adjourn to a closed meeting relative to the receipt of information with respect to solicitor client privilege regarding the Municipal Conflict of Interest Act legal opinion and relative to identifiable individuals regarding a staffing issue and CAO performance evaluation.

Resolution No. 19/42

Moved by: Wendy Wright
Seconded by: Aldo Ruberto

THAT the Board adjourns to Closed Session relative to the receipt of information with respect to solicitor client privilege regarding the Municipal Conflict of Interest Act legal opinion and relative to identifiable individuals regarding a staffing issue and CAO performance evaluation.

CARRIED

At 10:46 a.m. Rebecca Johnson, Board Member, Keri Greaves, Manager, Finance and Brook Latimer, Supervisor, Communications and Engagement left the meeting room and the Board Meeting went into Closed Session.

At 11:35 a.m. the Regular Session meeting reconvened.

REPORTS OF ADMINISTRATION

Declaration of Pecuniary Interest

Report No. 2019CS-03, (CAO Division) was presented earlier in Closed Session, to provide information to the Board regarding the legal opinion received relative to the above noted.

Memorandum from William Bradica, CAO dated April 9, 2019, was presented to provide the Declaration of Pecuniary Interest Form for consideration by the Board.

Resolution No. 19/43

Moved by: Wendy Wright
Seconded by: Aldo Ruberto

THAT with respect to Report No. 2019CS-03 (CAO Division), we adopt the use of the declaration of pecuniary interest form as attached, effective immediately;

AND THAT we direct the CAO to develop a draft Policy regarding the maintenance of a registry of pecuniary conflicts of interest;

AND THAT the draft Policy be presented to the Board for consideration at the May 16, 2019 Board meeting.

CARRIED

The District of Thunder Bay Social Services
Administration Board 2017 Fourth Quarter
Financial Report and Program Levy
Operating Surplus Disposition

Report No. 2019-19 (Corporate Services Division) was presented to the Board to provide the fourth quarter financial report, and to provide Administrations recommendation for the disposition of the 2018 program levy operating surplus.

William Bradica, CAO responded to questions and provided clarification.

At 11:40 a.m. Rebecca Johnson, Board Member entered the meeting room.

Georgina Daniels, Director – Corporate Services Division responded to questions.

A discussion was held regarding obtaining further information on the regeneration projects approved by the previous Board. William Bradica, CAO indicated that administration could provide a presentation at a future Board meeting on that topic.

Resolution No. 19/44

Moved by: Kevin Holland
Seconded by: Albert Aiello

THAT with respect to Report No. 2019-19 (Corporate Services Division), we, The District of Thunder Bay Social Services Administration Board, approve Option 1 – Transfer \$562,300 to the Levy Stabilization Reserve Fund and transfer remainder to the Capital Regeneration Reserve Fund.

CARRIED

Year 2018 Investment Portfolio Performance

Report No. 2019-20 (Corporate Services Division) was presented to the Board to provide information regarding the year 2018 performance of investments held by the TBDSSAB.

Georgina Daniels, Director – Corporate Services Division provided an overview of the Investment Portfolio Performance outlining the performance of TBDSSAB investments and responded to questions.

William Bradica, CAO and Keri Greaves, Manager, Finance also responded to questions.

A discussion was held regarding obtaining more information on the options for investing and reassessing the present asset mix. On consensus, Administration was directed to provide a comprehensive report regarding the prior income earned, requirements for investing and asset mix.

Resolution No. 19/45

Moved by: Kevin Holland
Seconded by: Albert Aiello

THAT with respect to Report No. 2019-20 (Corporate Services Division), we, The District of Thunder Bay Social Services Administration Board, approve the Encasa / Worldsource Financial Management Inc. Resolution as attached, to be duly signed in accordance with TBDSSAB Approval and Signing Authorization Policy.

CARRIED

At 12:30 p.m. the Chair called for a lunch break.

At 12:47 p.m. the meeting resumed with all Board Members in attendance with the exception of Brian Hamilton.

TBDSSAB 2018 Annual Report

Report No. 2019-21, TBDSSAB 2018 Annual Report, (CAO Division) containing the Board Chair and CAO messages, was presented to the Board.

Ken Ranta, Director – Housing Services Division responded to questions.

Resolution No. 19/46

Moved by: Albert Aiello
Seconded by: Kevin Holland

THAT with respect to The District of Thunder Bay Social Services Administration Board 2018 Annual Report, we approve the 2018 Annual Report, as presented, for printing;

AND THAT the 2018 Annual Report be posted to the TBDSSAB website.

CARRIED

Position Paper: Mixed Income Housing A
Critical Assessment Towards Housing
Policy Development

Report No. 2019-22 (CAO Division) relative to providing the Board with a recommended position on mixed income housing as a policy objective was presented.

Kristyn Lovato-Day provided a brief overview of the Position Paper and provided background of research outcomes obtained to develop the Paper.

Ken Ranta, Director – Housing Services Division provided further information and responded to questions.

William Bradica, CAO provided clarification and responded to questions.

Resolution No. 19/47

Moved by: Rebecca Johnson
Seconded by: Albert Aiello

THAT with respect to Report No. 2019-22 (CAO Division), we, The District of Thunder Bay Social Services Administration Board (the Board), approve the Position Paper Mixed Income Housing: A Critical Assessment Towards Housing Policy Development, as presented;

AND THAT with respect to Report No. 2019-22, we, the Board, pursue mixed income housing as a social policy objective when planning future and retrofitted developments, when appropriate, taking into account best practices outlined therein.

CARRIED

At 1:20 p.m. Aldo Ruberto left the meeting.

Housing Services Corporation

William Bradica, CAO provided a verbal update relative to his re-appointment as the Housing Services Corporation Board Chair.

CORRESPONDENCE

The District of Thunder Bay Social Services Administration Board Advocacy Issues

Letter from The Honourable Steve Clark, Director, Ministry of Municipal Affairs and Housing dated March 18, 2019 containing a response to TBDSSAB's advocacy regarding homelessness and support for addictions treatment was presented to the Board.

Letter from Kris Johnson, Director General, on behalf of the Honourable Jen-Yves Duclos, Minister of Families, Children and Social Development responding to TBDSSAB's advocacy for a Coordinated Access System was presented, on desk, to the Board.

Ontario Works Audit

Letter from Janet Menard, Deputy Minister, Ministry of Children, Community and Social Services dated March 26, 2019 relative to the Value for Money Audit on Ontario Works, was presented to the Board

William Bradica, CAO provided background regarding his attendance at the Standing Committee on Public Accounts (SCOPA) March 20, 2019 meeting and the outcomes of the value for money (VFM) audit done on the Ontario Works programs, and responded to questions.

A discussion was held regarding the VFM Audit outcomes. William Bradica, CAO advised the Board that a link to the March 20, 2019 Committee transcript would be provided for their information.

Non-Mandated Programs

Letter from Municipality of Shuniah, dated March 27, 2019 relative to a request to Stop Funding of a Non-Mandated Program was presented to the Board.

BY-LAWS

First and Final Reading

Resolution No. 19/48

Moved by: James Foulds
Seconded by: Rebecca Johnson

THAT the following By-law be introduced and now be given First and Final Reading, engrossed, signed by the Chair and Vice-Chair, sealed and numbered:

1. A By-law to adopt The District of Thunder Bay Social Services Administration Board Operating and Capital Budgets for the year 2019.

Explanation: A By-law to adopt The District of Thunder Bay Social Services Administration Board Operating and Capital Budgets for the year 2019

Authorization: Board Meeting 2019 March 21

BY-LAW NUMBER 03-2019

CARRIED

NEXT MEETING

The next meeting of The District of Thunder Bay Social Services Administration Board will be held on Thursday, May 16, 2019 at 10:00 a.m., in the 3rd Floor Boardroom, TBDSSAB Headquarters, 231 May Street South, Thunder Bay, Ontario.

ADJOURNMENT

Resolution No. 19/49

Moved by: Rebecca Johnson
Seconded by: Albert Aiello

THAT the Board Meeting No. 08/2019 of The District of Thunder Bay Social Services Administration Board, held on April 18, 2019, be adjourned at 1:32 p.m.


Chair


Chief Administrative Officer

Corporate Report

DEPARTMENT/ DIVISION	Community Services - Recreation & Culture	REPORT NO.	R 49/2019
DATE PREPARED	27/03/2019	FILE NO.	
MEETING DATE	03/06/2019 (mm/dd/yyyy)		
SUBJECT	Fit Together: Recreation & Facilities Master Plan Update		

RECOMMENDATION

For information only.

EXECUTIVE SUMMARY

This Report provides City Council with an update on the progress of the “*Fit Together: Recreation and Facilities Master Plan*” (the Plan), approved by City Council in January 2017 (R 152/2016). The Plan was developed through extensive consultation with nearly 2,000 residents, user groups, stakeholders, City Staff, and City Council. The Plan included an in-depth review of current and target standards for facility provision, including comparisons with other similar municipalities, while considering a range of other factors that impact recreation planning such as anticipated demographic changes, community demand, and utilization trends.

The Plan is a municipal guide that outlines a series of short, medium, and long-term priorities for investment in facilities, services, and programs owned and/or delivered/operated by the City of Thunder Bay. Its 81 recommendations were developed to guide future strategies and actions to invest in new and revitalized recreational facilities and affordable, accessible programs that meet the needs of people of all ages in their neighbourhoods.

DISCUSSION

The Plan is a corporate document intended to guide and focus internal activity within the:

1. Community Services Department - Recreation and Culture, Central Support and Asset Management Divisions;
2. Infrastructure and Operations Department – Engineering and Operations Division, Parks & Open Spaces Section;
3. City Manager’s Office - Aboriginal Liaison Office, Municipal Accessibility, Crime Prevention Thunder Bay Office; and
4. Community Economic Development Corporation – Tourism Division.

The Plan has also been developed in close consultation with community stakeholders to ensure that the proposed vision, goals, and recommendations are reflective of the needs and priorities of the community.

Performance is monitored on a continuous basis and tracked by the Recreation & Culture Division. This monitoring allows for evaluation of direction based on shifting municipal and community priorities and needs.

The Plan recognizes a number of significant changes in the population and social context of Thunder Bay – all of which have economic and service implications. The value proposition for investment in recreation lies in the creative ability of the sector to foster civic participation, as well as resident health and well-being, through the delivery of programs and investment in facilities. Linked to this are opportunities to sustain community pride, stem population decline, and revitalize communities and neighbourhoods through new investment. Enhancing quality of life in the city through investment in recreation will be important for resident retention and positioning the City as a place to live, work, and invest.

Pillars of the Plan

The Plan's recommendations are based on eight (8) key pillars:

1. City serving and neighbourhood focus;
2. An inclusive city;
3. Age-friendly and accessible recreation;
4. Positive places and animated spaces;
5. Core and evolving partnerships;
6. Services for the evolving needs of the 21st century;
7. A measurable plan; and
8. An affordable plan.

Plan Goals

Five (5) key goals prioritized in the Plan:

1. Invest in infrastructure including capital planning for renewal, recreation zones, and active transportation;
2. Promote health, wellness, and physical activity through programming, volunteerism, inclusivity, and accessibility;
3. Optimize the City's role in program and service delivery by adopting a social development approach that ensures efficient resource allocation inclusive of all populations;
4. Create and maintain positive partnerships and alliances internally and externally; and
5. Strengthen the City's tourism mandate to attract users from surrounding areas and maximize tournament and event hosting opportunities.

Priority Actions

The following areas include recommendations in the Plan that correspond to existing initiatives and resources within the Corporation, and can therefore be viewed as immediately actionable for ongoing work and improvement.

Turf and Field Improvements

- Recommendations 21, 22, 23, 24, 26, and 28 prioritize the need for investment in an indoor turf facility and to upgrade and maintain outdoor turf dependent on usage.
- City Administration applied to Northern Ontario Heritage Fund Corporation for an indoor multi-use sport tourism and activity centre. Sport Tourism and Activity Centre Concept Design and Business Case application was advanced to Phase 2 consideration in late 2018.
- At the June 25, 2018 Committee of the Whole meeting (R88/2018), City Council approved the engagement of a third party to support the administration of a Request for Expression of Interest that invited interested non-profit or private sector partners to submit expressions of interest to support the development of a proposed multi-use indoor turf facility (interim solution).
- City Administration provided City Council with information regarding the results of the Expression of Interest/Request for Supplier Qualifications (EOI/RFSQ 02/18) for a Proposed Multi-Use Indoor Turf Facility in January 2019.
- A report on a recommended multi-use indoor turf facility for Thunder Bay is expected to be presented to City Council in June 2019.
- Parks & Open Spaces Section is working with community sport user groups on a yearly basis to determine field and usage needs as this is changing each year and is cyclical in nature.
- Parks & Open Spaces Section is working with Soccer Northwest Ontario (SNO) to do field scheduling to comply with hours of use recommendations in the 2015 Sport Turf International Report to reduce pressure on the Chapples fields and utilize other under-utilized fields for practice.
- Chapples Park Master Plan includes long term plans for active recreation including upgrade of CP 4 premier natural turf field in 2018 and 2019 for use in 2020.

Youth Opportunities and Related Inquest Recommendations

- Recommendations 48, 49, 50, 51, 52, and 55 offer strategies for youth inclusion and orientation to Thunder Bay, support for navigating City programs and services, better ways to address the recreational needs of the Indigenous community and to develop a mentorship program that pairs Indigenous students with resident youth.
- The Thunder Bay Crime Prevention Council, in partnership with the City of Thunder Bay's Recreation & Culture Division, was successful in receiving support from Public Safety Canada for a *Crime Prevention Action Fund Grant* to support a Youth Inclusion Program (YIP) for Thunder Bay for five years; ending June 30, 2023.

YIP is an evidence-based intervention that aims to connect youth with programming and services to address safety, risk factors for crime and victimization, and to increase protective factors.

The Youth Inclusion Program will create opportunities for youth to learn new skills, interact with others in their community and receive social, cultural, and educational supports.

A Project Manager and two (2) Program Supervisors have been hired. One (1) Navigator is also expected to begin summer 2019.

Partner Forums were held on October 26, 2018 and January 29, 2019 to provide youth serving organizations with an opportunity to learn about YIP, make determinations on how they can be involved, and provide an opportunity to provide feedback and input into the Program.

- Kinsmen Youth Centre operates five (5) days per week. Substantial upgrades have been done to the facility. Partnerships have expanded to various Indigenous groups including Matawa Education and Care Centre, Dennis Franklin Cromarty High School, and Thunder Bay Indigenous Friendship Centre. Dilico Anishinabek Family Care also provides programming in the centre on a regular basis.
- Social marketing communication on Facebook, Instagram, and Snapchat, is being utilized to promote City-owned recreation facilities as safe public spaces for all youth.
- Recreation & Culture Division was successful in their application to become a Youth Friendly Designated City at the Bronze level.

The Designation, awarded by Play Works through Parks and Recreation Ontario, means the City has met the following criteria:

- Youth have options for play;
- It is easy for youth to find out information about play activities in the community;
- The community recognizes and celebrates youth;
- The community formally commits funding for youth play;
- Youth feel valued by their community;
- Play is accessible to youth; and
- Play is socially inclusive.

Staff received the award at a ceremony held at the Parks and Recreation Ontario's Education Forum on March 28, 2019.

- Staff has been working with Indigenous organizations to encourage youth to apply for positions with City summer programs. Computers were provided at Kinsmen Youth Centre for staff to assist youth to create resumes and complete applications. In January 2019, the Recreation & Culture Division hosted an Indigenous youth job fair with school boards, post-secondary schools, and employment agencies participating.

McKellar Neighbourhood Programming

- Recommendations 10 and 11 acknowledge the importance of Widnall and Heath Pools, while recommending the decommissioning of Dease Pool. With the decision to close Dease Pool in 2019, the operating budget was re-directed to increase year-round recreational programming throughout the neighbourhood.
- Several community consultation events were held at neighbourhood schools and for the general public to solicit ideas and feedback regarding programming opportunities.

- To kick off the McKellar Ward programming, a public skate was held at the Fort William Gardens on April 15, 2019 with over 100 children, youth, and adults in attendance. A calendar of programs and events has been established and will be promoted to the schools and homes in the neighbourhood.
- Activities in 2019 will include working in partnership with other organizations to apply for external funding to support enhanced, year-round programming in priority neighbourhoods.

Facility Investment

- Recreation facilities in Thunder Bay provide a critical service to individual residents and families and therefore must not be undervalued. Recommendations 3, 6, 8, 9, 11, 20, 29, 32, and 42 all acknowledge the need for long-term capital planning and on-going operational maintenance for infrastructure sustainability.
- Significant investment has been made in both capital and maintenance projects for most of the City recreational facilities since 2017, including arenas and stadia, indoor and outdoor pools, and the Canada Games Complex, as well as the Thunder Bay Tennis Centre, Baggage Building Arts Centre, and the 55 Plus Centre.

Facility Accessibility Upgrades

- Recommendations 3, 6, 8, 9, 29, and 42 speak to accessibility upgrades in all facilities and the need to continue to invest in required capital costs through annual capital planning.
- Several projects have been completed at the Canada Games Complex to improve accessibility including wheelchair access to pool deck and family spa, Patriot lift for pool access, installation of power door actuators, and four (4) new accessible parking spots.
- Other facility upgrades include: 55 Plus Centre - installation of power door actuators on three (3) washrooms; Volunteer Pool - improved accessibility in both change rooms, purchased two pool wheelchairs; Delaney Arena - created barrier-free viewing area.
- The Municipal Accessibility Coordinator will audit 15 City facilities with Quadrangle/Human Space to identify and prioritize remaining barriers and report in the fall of 2019.

Indoor Court Facility

- Recommendation 30 identified the need for the City to work with the Thunder Bay Tennis Club to identify a future solution for indoor tennis. In 2018, City Council allocated funding to support the completion of a feasibility study and proposed a business plan for an air supported structure to accommodate indoor tennis.

Recreation & Culture Division Pricing Review

- Recommendations 66 and 67 outline the need to complete a detailed assessment of the full cost of service (direct and indirect costs) for the delivery of programs and assess whether current levels of cost recovery across various categories of programs are acceptable or require change.
- All Recreation & Culture Division program and service fees have been assessed and placed on a continuum from high community benefit with full subsidy to high individual benefit with full cost recovery.

- A framework will be created for setting fees and to determine where adjustments may be required in current fees. The established framework will be presented to City Council later this year.

Community Centre Governance & Operational Review

- Recommendation 13 outlines the need to work to transition prioritized community centres to an advisory board model of governance to allow for City staff leadership of the day-to-day management and operation of these facilities; while maintaining community centre boards as advisors regarding programming opportunities and capital projects.

An information report was presented to City Council by Recreation & Culture Division in April 2019 (R 43/2019), with recommended governance models presented in May (R 73/2019) and the proposed implementation plan to be presented in September.

Community, Youth, and Cultural Funding Program

- The Community, Youth, and Cultural Funding Program provides municipal funding every year to non-profit organizations in the social service, youth, and cultural sectors, as well as to individual artists undertaking projects in the community. As per Recommendation 69 to re-evaluate the performance of the grant program, in 2019 the annual intake was increased to twice per year, spring and fall, for Project Grants. Project grant eligibility was also extended to include sports organizations on a pilot basis beginning in October 2019.

Volunteer Program

- In November 2018, a full-time Volunteer Program Coordinator was hired to manage all Division volunteers and to support other volunteer areas in the Corporation, to address the on-going need to manage, recognize, and support volunteers as outlined in Recommendation 63.

Events

- Recommendations 70, 73, 74, and 75 speak to the importance of events to increase sport and event tourism, expand or enhance existing events that celebrate the City's Indigenous community and heritage, and to support major events beyond the first year of hosting so as to facilitate the sustainability of major events.
- Large (40 x 40) and small (16 x 20) portable stages, along with stage lighting and sound equipment, are now in use by City events and available for rent by community organizations at various events and venues.
- Staff has conducted a review of both the Event Development Grant and Street Event Grant to determine possible revisions that better respond to the needs of organizations hosting events. City Council approved recommendations in 2018 to expand the Street Event Grant to include non-sport related street events. Proposed revisions to the Event Development Grant will be presented at a later date and will take into consideration event funding criteria under the new municipal Accommodation Tax fund (Tourism).

Annual Sports Summit

- Recommendation 47 to establish an annual sports summit has been achieved. A Sports Summit event was held in 2018 to engage local sports-related groups and organizations which support the delivery of recreation in planning and discussion around new recreation-related program and service initiatives across sectors.
- In November 2018, the Recreation & Culture Division participated in the Indigenous Sport and Wellness Ontario's (ISWO) AGM and community round table "Recruiting Indigenous Participants into Local Sport Programs" to explore ways to increase engagement and participation of Indigenous youth.
- Due to the low number of registrations, the Sport Summit event planned in May 2019 was cancelled. However, consultation and partnerships with local sports groups and organizations remains strong and vital to support the delivery of recreational programming.

Active Transportation

- Recommendations 35, 36, 37, 38, 39, 40, and 41 prioritize the need to invest in active transportation infrastructure (including urban bike lanes) that link residents to recreation facilities and programming, as well as develop and adopt a trail classification system and maintain an online interactive map.
- The Transportation Master Plan and companion Active Transportation Plan reports will outline the development of a comprehensive system of pedestrian and cycling facilities that inter-connects the various corners of the City and major recreational assets and zones as proposed in the Plan. The Active Transportation Plan specifically provides recommendations on the City's active transportation network, including sidewalks, trails, and bike lanes. The Plans will be presented to City Council once public comments have been addressed, which is expected to be in July 2019.
- The Pedestrian Wayfinding Plan was presented to City Council in December 2018. An implementation plan will be brought to City Council summer 2019.

FINANCIAL IMPLICATION

There are no immediate financial implications associated with the information included in this report.

Future financial implications would be forecast through the administrative review process and brought forward to City Council for approval as required in the 2020 budget process and beyond.

CONCLUSION

It is concluded that this report summarizes the work of Recreation & Culture Division to date to initiate activities to fulfill the recommendations outlined in the Plan. The recommendations outlined in the Plan are sound, reflective of the community and Corporation, and provide the necessary direction for the City to focus existing resources and activities to move forward with

future planning. It is also concluded that a number of the recommendations are in-line with existing corporate initiatives.

Therefore, it is recommended that this update be received for information at this time.

BACKGROUND

The Fit Together: Recreation & Facilities Master Plan was approved by City Council on January 2017 (R 152/2016). Administration was tasked with providing updates on the progress of the Plan's implementation.

In 2008, a Recreation & Parks Master Plan was developed; however, it was not approved by City Council at that time. With the direction in the 2011-2014 Strategic Plan and continued commitment in the 2015-2018 Strategic Plan, the City of Thunder Bay began the planning process in 2015 for the new Fit Together: Recreation & Facilities Master Plan. The process was initiated through an RFP with Sierra Planning & Management selected as the successful consulting firm to guide the plan's development.

<https://www.thunderbay.ca/en/city-hall/resources/Documents/Recreation-and-Facilities-Master-Plan.pdf>

REFERENCE MATERIAL ATTACHED:

NONE.

PREPARED BY:

KATIE CROWE, COORDINATOR – PROJECTS, PLANNING & DEVELOPMENT AND
DONNA SIPPALA, DIRECTOR – RECREATION, CULTURE & MUNICIPAL CHILD CARE

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER) Kelly Robertson, General Manager, Community Services	DATE: May 23, 2019
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Corporate Report

DEPARTMENT/ DIVISION	Community Services - Asset Management	REPORT NO.	R 94/2019
DATE PREPARED	15/05/2019	FILE NO.	
MEETING DATE	03/06/2019 (mm/dd/yyyy)		
SUBJECT	Pioneer Ridge Boiler Replacement – Tender Award		

RECOMMENDATION

With respect to Corporate Report No. R 94/2019 (Community Services – Asset Management), we recommend that Project No. 15-302, for the Boiler Replacement at Pioneer Ridge Long Term Care and Senior Services be awarded to A. Villeneuve Mechanical, up to the amount of \$686,508.00 (inclusive of all taxes and a contingency allowance);

AND THAT the Manager – Supply Management be authorized to issue any purchase orders related to this project;

AND THAT the General Manager – Community Services report any circumstances to City Council should significant variations in contract values occur as the work proceeds;

AND THAT the Mayor and Clerk be authorized to sign all documentation related to these matters;

AND THAT any necessary By-laws be presented to City Council for ratification.

EXECUTIVE SUMMARY

The work being recommended in this tender includes the removal of the existing boilers and replacement with new energy efficient boilers. The boilers being replaced are 25 years old and are reaching end of life. The new boilers are anticipated to reduce energy cost by \$33,000 annually.

Three responses were received as a result of a call for tenders. The low tender for this project was submitted by A Villeneuve Mechanical. This firm has completed similar construction contracts for this type of work. Administration is recommending them as experienced and capable of doing the work.

There are sufficient funds in the existing 2019 Capital budget for the work to proceed as recommended.

DISCUSSION

TBTE (Thunder Bay Testing and Engineering) was retained via the RFP process to provide design development, contract documents, and contract administration services for the work associated with the Boiler Replacement.

The work being recommended is part of a multi-year program that included the replacement or upgrade of the majority of components associated with the heating, ventilation, and air conditioning (HVAC) components of Pioneer Ridge Long Term Care and Senior Services.

The boilers being replaced are 25 years old and are reaching end of life. The new boilers are anticipated to reduce energy cost by \$33,000 annually.

The cumulative annual savings as a result of the last three years of work including the boiler replacement represent a reduction or cost avoidance of \$81,000 in utility costs at Pioneer Ridge. This reduction will also have the added benefit of an annual greenhouse gas reduction of 325 Tonnes. Operating budgets have been and will be adjusted to account for the savings generated.

A public tender was advertised in the Chronicle Journal on Saturday, April 20th 2019, and submissions were publicly opened on Tuesday May 14th, 2019 at 2:30 PM.

As a result of a call for tenders, three (3) responses as listed below were received. The tendered costs below include HST.

<u>Contractor</u>	<u>Tendered Cost</u>
A.Villeneuve Mechanical.	\$ 706,815.00
Clow Darling Ltd.	\$ 760,484.00
Thermal Mechanical Inc.	Non-Compliant

The tender results reflect less than a 10% difference from the low bid to the high bid. Administration is of the opinion that the bids received are competitive; and accurately reflects the current construction market conditions in Thunder Bay.

The low tender for this project was submitted by A. Villeneuve Mechanical. This company has successfully completed similar construction contracts of this type for the City of Thunder Bay.

CLEAN, GREEN, and BEAUTIFUL Policy

The boiler replacement project has followed the principles of the Policy where applicable. The project meets criteria under the Clean, Green and Beautiful factor groups as indicated below.

Clean	Green	Beautiful
Conserving Energy: Use of energy efficient equipment	Protecting Ecological Integrity: Reduction in Green House Gas emissions	Conforms to Design Guidelines: Corporate Energy Management Plan.
Solid Waste Management: Mandatory recycling specified in the Contract Documents.		
Reducing Green House Gas: Achieved through the use of energy efficient equipment.		

FINANCIAL IMPLICATION

Cost identified below is inclusive of HST:

Low Tender	\$ 706,815.00
Project Contingency	\$ 50,000.00
Less HST Rebate	<u>\$ (70,307.00)</u>
Net Cost	\$ 686,508.00

Administration is recommending that a \$50,000 construction contingency allowance be included; the contingency shall not be expended without proper authorization by City Administration as set out in the terms of the contract documents.

There are sufficient funds in the existing 2019 Capital budgets for the work to proceed as Tendered.

CONCLUSION

It is concluded that Project No. 15-302 for the Boiler Replacement at Pioneer Ridge Long Term Care and Senior Services should be awarded to A. Villeneuve Mechanical, in the amount of \$686,508.00 (inclusive of all taxes and a contingency allowance); and that the work proceed as tendered.

REFERENCE MATERIAL ATTACHED:

None

PREPARED BY: GERRY BROERE, DIRECTOR – ASSET MANAGEMENT

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)	DATE:
Kelly Robertson, General Manager, Community Services	May 23, 2019

Corporate Report

DEPARTMENT/ DIVISION	Community Services	REPORT NO.	R 86/2019
DATE PREPARED	06/05/2019	FILE NO.	
MEETING DATE	03/06/2019 (mm/dd/yyyy)		
SUBJECT	Multi Use Indoor Sports Facility Options		

RECOMMENDATION

With Respect to Report R86/2019 (Community Services Department), we recommend that City Council approve in principal the development of a new Multi Use Indoor Sports Facility to be located at Chapples Park as outlined in this Report;

AND THAT Administration proceed with the necessary site investigation and engineering; and the development of construction documents at a gross cost of \$3.6M;

AND THAT Administration proceeds with the completion of a Stage Two application to NOHFC;

AND THAT the project be identified as a priority for the Investing in Canada Infrastructure Program.

EXECUTIVE SUMMARY

The purpose of this Report is to investigate the capital and lifecycle costs for a new permanent indoor multi use sport facility for the City of Thunder Bay. Two options have been investigated; firstly, an Air Supported Fabric Structure (ASFS) and secondly, a Pre-Engineered Metal Building (PEMB). The final recommendations within the report will then inform the planning for a new facility.

In summary, the least costly facility to build, an ASFS, is the most costly to operate and maintain, and the most costly to build, a PEMB is the least expensive to operate and maintain. The breakeven point, or the equalized total cost of ownership, occurs for the building programs at year 31.5. This falls within the 40 year theoretical service life of a PEMB providing an overall savings of approximately \$1.9M over 40 years. Those savings will also continue past the 40 year mark. With properly funded maintenance and capital renewal, the service life can be extended to 50 years or longer. The PEMB building program also better aligns with Council-endorsed internal Policy and Guidelines for the development of municipally funded facilities. Administration is recommending that a PEMB be utilized for the construction of a new Multi

Use Indoor Sports Facility, and that it is based on the hypothetical building program and aligned with internal Policy and Guidelines. The order of magnitude estimate for a PEMB is \$27.7M.

Administration is also recommending Chapples Park as the site for a new Multi Use Indoor Sports Facility. The recommendation is based on previously completed positive public engagement, availability of land, existing and future programming (Soccer / Tennis / Golf), and the synergies already planned. The site plan identified in Appendix “C” also shows the potential for a future addition on a new facility to accommodate indoor tennis. As with any site, additional investigative work would need to be completed. This work would include a traffic study, operational costs to bring transit to the site, site servicing costs, and geotechnical investigation to inform the foundation design for a new facility. The order of magnitude estimate for Site Development at Chapples Park is \$2.3M.

The total order of magnitude estimate for the recommended development of a new Multi Use Indoor Sports Facility and site development in Chapples Park is \$30.0M.

Cost Estimate Summary – PEMB:

Facility – PEMB	\$27.7M
Site Development	<u>\$ 2.3M</u>
Total Order of Magnitude Estimate	\$30.0M

DISCUSSION

During the 2019 budget deliberations, City Council set aside funds for the development of a new Multi Use Indoor Sports Facility. The purpose of this Report is to investigate the capital and lifecycle costs for a new permanent Multi Use Indoor Sports Facility for the City of Thunder Bay. This information will then inform the planning for a new facility.

Recently, Council has been presented with a number of options for a multi-use facility; however, due their difference in size, supporting amenities and construction type, the value proposition was difficult to ascertain.

To guide this investigation, a hypothetical building program was developed by Administration for a permanent Multi Use Indoor Sports Facility. The program was developed by utilizing feedback from potential user groups, internal expertise, previously presented / received options, and observations by Administration during a visit of two multi-use sport facilities in Winnipeg, Manitoba.

The program includes for the following facility components:

1. Indoor synthetic turf field 95m x 52m, min 12.5m clear height;
2. Dressing rooms and referee change area;
3. Indoor walking track;
4. Mechanical / Electrical rooms;

5. Concession;
6. Public lobby/entrance;
7. Tournament hosting;
8. Viewing area;
9. Storage space; and
10. Administrative space.

The program information above informed the building space requirements for a new Multi Use Indoor Sports Facility. The field size is the driving force for the determination of space requirements for the supporting amenities in the facility.

The resulting programs were then incorporated into two distinct construction options: the first option is an air-supported fabric structure (ASFS) or bubble, and the second option is conventional construction utilizing a pre-engineered structure (PEMB). To better visualize the scale of the proposed facility, the resulting recommended footprint was then superimposed over City-owned property previously identified as recreation zones. The corresponding drawings are appended to this report, Appendices “C-E”.

The capital costs identified in this report are to be considered order of magnitude estimates with a level of accuracy within +/- 30%. The estimates include for the building program with associated soft costs shown separately. The site development estimate is excluded from the building program investigation, but is shown separately within this report.

The net difference in annual operating costs is based on utility consumption for heating and cooling only, specifically for the area directly supporting the turf field. It is assumed that regardless of the type of construction utilized, the janitorial, maintenance, remaining utility costs, and the operating model will generally be the same.

The annual capital renewal requirements are based on industry standards, the Asset Management Division’s expertise, the useful life of specific components provided by the manufacturer, and comments from operators of similar facilities. For the ASFS, an additional amount has been included for annual maintenance / inspection / repair of the fabric.

Air-Supported Fabric Structure

The building program utilizing an ASFS is identified in Appendix “A”. As shown, the ASFS is only utilized for climate control over the synthetic turf, walking track, and viewing area. In this program, the viewing area is proposed to be at field level. It should be noted that field level seating is limited and does not provide sight lines that would encompass the entire sports field. The capital costs identified by the ASFS manufacturers typically include the fabric, pressurization system, standard heating and cooling, and airlocks for entrance and egress. Excluded are foundations, life safety requirements, lighting, accessories, and the ancillary space noted in the hypothetical building program above. The Ontario Building Code no longer considers ASFS to be temporary structures and, as a result, must meet all fire and life safety

requirements. In addition, ASFS skins are founded directly at ground level and are highly susceptible to vandalism; therefore, a perimeter chain link fence is recommended.

The remaining ancillary spaces would be constructed outside the ASFS utilizing conventional construction. The building program in its entirety is not recommended to be included under the ASFS. Future fabric replacement needs to be considered; thus, any ancillary space in the ASFS would need to be modular in nature to facilitate removal and reinstallation of a new fabric. Inclusion of the entire program under the ASFS creates a structure approaching the size and structural integrity limits of ASFS. Administration is aware of one manufacturer that could potentially undertake a project of this size.

This program does not make the best use of space as the field of play is not contiguous, resulting in the requirement for additional circulation space in the ancillary spaces. It also requires two distinct ventilation, heating, and cooling systems, and does not provide a viewing area complimentary to tournament activities.

As noted in Report No. R42/2019 (Community Services), there will always be a risk of collapse with an ASFS; however, improvements in the fabrics used, onsite monitoring tools, the mandated installation of a back-up generator, and adherence to manufacturer protocols especially in anticipation of inclement weather events, can reduce the risk of a failure.

The estimate of capital costs for this building program is \$ 16.0M.

The price to include the walking track in this program is estimated to be \$ 907K and is included in the building program capital costs above.

The air-supported fabric structure industry promotes their structure as the most economical solution. While this is true on the capital side, ASFS tend to be the costliest to operate due to the constant pressurization required to keep the structure inflated. ASFS also have extremely low insulation values, R2-R7, which significantly adds to heating and cooling costs of a facility, especially in Thunder Bay where temperature extremes can happen in both the winter and summer seasons. Additionally, the geometry of the structure creates significant interior height in excess of programming requirements. This inherent additional volume contributes to increased operating costs.

The estimated annual heating and cooling costs associated with the turf field in this building program is \$87,700.

To ensure a new facility is sustainable into the future, future capital expenditures need to be considered and budgeted for. ASFS manufacturers suggest a 15-20 year life for the fabric with a minimum of one replacement that will be required over the next 40 years. Synthetic turf has a useful life of 10 years; however, on in-door facilities the concentrated use caused by dividing a field, can reduce life expectancy to 7 yrs. It can be expected that up to four field replacements would be required over the next 40 years. The remaining future capital requirements for the facility have been estimated at 1% of construction costs. This is an industry standard and has

been validated by the Asset Management Division through the development of capital renewal plans for more recent construction completed by the City.

The estimated annual capital renewal requirements for the building program utilizing an ASFS is \$ 400,600.00.

Cost Summary - ASFS:

Capital Costs - ASFS	\$16M
(Includes Walking Track \$907K)	
Annual Heating and Cooling	\$ 87.7K
Annual Capital Renewal	\$400.6K

Conventional Construction – Pre-Engineered System

The building program utilizing a PEMB is identified in Appendix “B”. Pre-Engineered Metal Buildings (PEMB) are utilized where large free span needs are required to support a facility use. Examples would be an airplane hangar, manufacturing space, arenas, and more recently, as an option for Multi Use Indoor Sports Facility. The theoretical useful life of a PEMB is 40 years; however, this can easily be extended to more than 50 years with properly funded maintenance and capital renewal. PEMB are large metal i-beam structures, typically with low slope roofs, and designed to accommodate a metal roof and exterior wall panel systems. To some extent, PEMB are customizable to minimize their traditional industrial look. In this program the viewing area is proposed to be at a mezzanine or second floor level. This provides sight lines that encompass the entire field. The layout provides for an efficient use of space and results in a single ventilation, heating, and cooling system. PEMB are far more durable than an ASFS, but the initial capital cost for PEMB is upwardly significant. PEMB can be expected to last, at a minimum, two times longer than an ASFS, with lower and fewer capital upgrades over time. Structurally, PEMB present the least risk of failure as they are designed to accommodate loads, (e.g. wind loads, snow loads, etc.) specific to the location of construction.

The estimate of capital costs for this building program is \$ 23.1M

The price to include the walking track in this program is estimated to be \$ 1.3M and is included in the building program capital costs above.

The flexibility in the design of a PEMB allows for significant insulation values (R20-R40) in the building envelope. This increase in R-values significantly reduces the energy cost for a PEMNB compared with an ASFS.

The estimated annual heating and cooling costs associated with the turf field in this building program is \$29,100.

To ensure a new facility is sustainable into the future, future capital expenditures need to be considered and budgeted. The synthetic field size requirements will be the same for the PEMB as

the ASFS. Future capital requirements for the enclosure around the field have been estimated at 0.5% of the proportional cost of the enclosure. The remaining future capital requirements for the facility have been estimated at 1% of construction costs. This is an industry standard and has been validated by the Asset Management Division through the development of capital plans for more recent construction.

The estimated annual capital renewal requirements for the building program utilizing a PEMB is \$ 232,000.

Cost Summary - PEMB:

Capital Costs - PEMB	\$23.1M
(Includes Walking Track \$1.3M)	
Annual Heating and Cooling	\$ 29.1K
Annual Capital Renewal	\$232 K

Equalized Total Cost of Ownership

In reviewing the equalized total cost of ownership, administration reviewed the accumulated capital renewal requirements and the identified proportioned energy costs with the initial capital cost of each building program as the starting point. At year 31.5 both ASFS and PEMB building programs would accumulate the same total cost of ownership.

Corporate Alignment

When evaluating potential new development, financial analysis is only one factor. The City of Thunder Bay has a number of policies and guidelines that also recognize the importance of environmental and social aspects of a potential development. At this initial stage of a new development, three documents need to be considered:

1. Facility Design Guideline Policy No. 09-05-01
2. Climate Adaptation Strategy
3. The Strategic Approach to Corporate Energy Management

Facility Design Guideline:

The purpose of the City of Thunder Bay's Facility Design Standards is to demonstrate commitment to environmental, social and economic improvements and to provide leadership and support in the application and development of sustainable building practices in the City of Thunder Bay. This policy is intended to:

- Align the planning and development of new municipal facilities with the Council endorsed internal design influences;

- Achieve long-term cost savings through reduced operating costs by way of energy and water efficiency;
- Enhance indoor and outdoor environments to promote a healthy and productive workplace for all city employees and visitors;
- Reduce demolition and construction waste being sent to the landfill by encouraging recycling; and
- Demonstrate community leadership by committing to the sustainable design and development of municipal facilities.

The criteria set forth in the Policy recommends that a facility of the size and use being proposed be designed in accordance with the LEED (Leadership in Energy and Environmental Design) rating system to achieve a Gold Standard. Additionally, the policy recommends energy performance of the building to be 40-45% lower than similar buildings utilizing minimum requirements.

Administration has recently constructed the new Superior North EMS Headquarters on Junot Avenue to a Gold Standard, and two new Fire Halls to a Silver Standard. In all cases the energy performance criteria was also met. There is no cost premium for the City to build to a Silver standard as our internal minimal requirements meet the LEED Silver Standard; however, it is estimated that a 3% premium would be added to the construction costs of a new facility meeting the LEED Gold Standard.

In reviewing both the building program options above, the entire PEMB building program has the potential to meet the Policy intentions. The ASFS does not provide the long-term cost savings by way of energy efficiency. The temporary nature of an ASFS does not support the reduction of demolition or construction waste. In discussion with ASFS manufacturers, the likelihood of the fabric being repurposed at end of the life is low. Typically the fabric ends up in a landfill. The amenity facilities outside the ASFS have the potential to meet the Policy intentions.

Administration recommends that, at a minimum, the LEED Gold Standard be pursued during the design development and reported back to Council as directed through the Facility Design Guideline. The ability to achieve the Gold Standard along with the financial implications would be brought back to Council for consideration. Administration also recommends the optimum energy performance of the facility be pursued.

Climate Adaptation Strategy:

The Council-endorsed Climate Adaptation Strategy acknowledges climate change and recommends the integration of climate adaptation initiatives across the Corporation of the City of Thunder Bay. This integration provides the opportunity to coordinate decision-making and planning efforts to reduce vulnerabilities and build resilience in all departments.

Goal # 4 of the Strategy states: “Consider Climate Change impacts on the design, construction, and maintenance of physical infrastructure while considering affordability and co-benefits”.

The co-benefit of the building programs is in the ability to utilize the facility for assisting in the response and recovery from extreme weather events by acting as an area of refuge. The ASFS would have a back-up generator as part of its operating redundancy for the field cover but, as noted previously, there is still a risk of collapse from extreme weather events. The PEMB can provide the same functional area of refuge with the addition of a back-up generator. The additional benefit of the PEMB is its durability and flexibility, including resiliency which is also recommended in the Climate Adaptation Strategy. The estimated cost for a back-up generator for the entire facility is \$350,000. Administration recommends the inclusion of a back-up generator as part of the PEMB building program.

The Strategic Approach to Corporate Energy Management (Energy Plan):

The underlying principle of the Energy Plan is the reduction of greenhouse gases. The strategies recommended in the plan have the added benefit of providing lower life cycle costs of facilities. In essence, this would mean cost avoidance for the residents of the City of Thunder Bay. Of the two building programs being considered, the PEMB will provide a lower life cycle cost of energy and by the nature of the lower energy consumption, will provide a lower total greenhouse gas emission over the life of the facility.

Building Program Analysis Summary

In summary, the least costly program to build (ASFS) is the most costly to operate and maintain, while the most costly program to build (PEMB) is the least expensive to operate and maintain. The breakeven point, or the equalized total cost of ownership, occurs at year 31.5. This falls within the 40 year theoretical service life of a PEMB, providing savings of approximately \$1.9M over 40 years. Those savings will also continue past the 40 year mark. With properly funded maintenance and capital renewal, the service life can be extended to 50 years or longer. The PEMB building program also better aligns with the Council- endorsed internal Policy and Guidelines for the development of municipally funded facilities. Administration is recommending that a PEMB be utilized for the construction of a new Multi Use Indoor Sports Facility, and that based on the hypothetical building program and alignment with internal Policy and Guidelines, the order of magnitude estimate for such a facility is as follows:

Pre-Engineered Metal Building (PEMB)

Building	\$19,297,000.00
20% Design Contingency	\$3,859,400.00
Sub-Total	\$23,156,400.00
<hr/>	
LEED Gold	\$579,000.00
Generator	\$350,000.00
Total (Bldg)	\$24,085,400.00
<hr/>	

15% Soft Costs	\$3,612,810.00
Total Cost (Bldg)	\$27,698,210.00

Site Selection

When considering a site for the development of a Multi Use Indoor Sports Facility, a number of factors must be considered. First, the appropriate size of a property and existing adjacent property uses must be considered. The footprint of the proposed facility would be similar in size to the Transit Maintenance Garage and the Canada Games Complex, and with a height similar to City Hall. Second, the site should provide synergies with the proposed development that consider other uses adjacent to the site or those that are on the site to create a hub of general community use. The development of such a large scale facility has the potential to positively or negatively impact surrounding property uses; thus, community consultation would be a priority. Last, the ability to access and service the property must also be considered.

In 2016, Council endorsed the Recreation and Facilities Master Plan. This document was presented as a strategic planning document providing the framework for future investment over a 12-15 year horizon for facilities, programming, and services for City recreation. The plan provided recommendations regarding older adult, youth, community centre and indoor / outdoor recreation facilities. The plan recommended investing in recreation zones that have the capacity to service multiple community / city-wide needs. The sites recommended in the Plan included the Art Widnall Pool site, Canada Games Complex/ Port Arthur Arena site, Delaney Arena/ Chapples Park site, and the Churchill Pool site. Both the Art Widnall and Churchill Pool sites do not have the land area to support a Multi Use Indoor Sports Facility.

In 2017, as an extension of the Recreation and Facilities Master Plan, Council endorsed the Chapples Park Master Plan in principle. The purpose of the Chapples Park Master Plan was to develop a comprehensive vision for the park in context with its location, natural resources, and the aspirations of the community to develop Chapples Park as a city-wide destination for year round recreation, wellness, and open space. The final concept plan included for the development of an Indoor Sports Hub with indoor soccer as a core feature of such a facility.

In the development of both the Recreation and Facilities Master Plan and the Chapples Park Master Plan, a full evidence-based and transparent process took place. This included community and stakeholder engagement throughout the process. Due to the high level of interest in both plans, public input was significant, resulting in a product that was shaped by stakeholders, user groups, and the community as a whole.

Based on the positive public engagement, availability of land, existing and future programming (Soccer / Tennis / Golf) and the synergies already planned, Administration recommends Chapples Park as the site for a new Multi Use Indoor Sports Facility. The site plan identified in Appendix "C" also shows the potential for a future addition on a new facility to accommodate indoor tennis. As with any site, additional investigative work would need to be completed. This

work would include a traffic study, operational costs to bring transit to the site, site servicing costs, and geotechnical investigation to inform the foundation design for a new facility. Should Council proceed with the development of a Multi Use Indoor Sports Facility, this work could occur concurrently with the development of the construction documents. The current site development estimate associated with Chapples Park Site is as follows:

Recommended Site

Site Work	\$1,600,000
20% Design Contingency	\$320,000
Sub- Total	\$1,920,000
<hr/>	
LEED Gold	\$57,600
Total (Site)	\$1,977,600
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15% Soft Costs	\$296,640
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Total Cost (Site)	\$2,274,240
<hr/>	

Appendix “D-E” includes additional potential site locations, specifically recreation zones as identified in the Recreation and Facilities Master Plan. The additional sites are included as verbally directed at the March 25th Committee of the Whole meeting.

Two of the user groups consulted suggested Innova Business Park as a preferred location, however the Facility is not consistent with the intended light industrial use for Innova Park. Also the Innova location is not consistent with objective to build upon a recreational hub and take advantage of synergies such as shared parking supply and other amenities.

Next Steps

Should council wish to proceed with the development of a new Multi Use Indoor Sports Facility, Administration recommends as a first step, the engagement of professional services to undertake further site investigation and engineering, and the development of construction documents. The estimate for this work is \$3.6M.

As the proposed facility type is specialized, Administration also recommends the use of the negotiated method of procurement for these services as outlined in Supply Management By-law No. 113-2011. This process will allow Administration to put together a professional team that brings the required expertise, experience, and past performance together to deliver a high quality product.

Consistent with the Supply Management By-law, Administration would seek Council's approval prior to awarding any contracts. At the same time, Administration would also report back on a recommended construction process.

The completion of this process would provide a shovel ready project. It is estimated that this process will take 8-10 months.

Funding Opportunities

The City of Thunder Bay has been approved to move forward on a Stage Two application through the Strategic Economic Infrastructure Program sponsored through the Northern Ontario Heritage Fund Corporation (NOHFC). The application is to receive funding to support engineering studies of the Chapples Park Site and the development of tender-ready construction documents. If successful, the City of Thunder Bay would be eligible for 50% funding up to \$1.0M. Administration recommends moving forward with the Stage Two application.

Earlier this year, the Federal Government in partnership with Provincial Governments, announced the Investing in Canada Infrastructure Fund (ICIP). The proposed facility may be eligible for funding under the Community, Culture stream of the ICIP program. It is anticipated that intakes for this stream will take place later this year. Administration recommends the Multi Use Indoor Sports Facility be identified as a priority project for the ICIP.

FINANCIAL IMPLICATION

Total order of magnitude project estimates for the two options are as follows:

(in millions)	Pre-Engineered Metal Building (PEMB)	Air Supported Fabric Structure (ASFS)
Building	\$19.3	\$13.3
20% Design Contingency	\$3.8	\$2.7
LEED Gold	\$0.6	\$0.3
Generator	\$0.4	-
Total Building	\$24.1	\$16.3
15% Soft Costs	\$3.6	\$2.4
Total Building	\$27.7	\$18.7
Total Site Costs	\$2.3	\$2.3
Total Project Costs	\$30.0	\$21.0

As outlined above, Administration recommends moving forward with an NOHFC Stage Two application and identifying the Multi Use Indoor Sports Facility as a priority project for the ICIP Community, Culture & Recreation stream. NOHFC could provide an additional \$1.0 million. The guidelines for the Community, Culture & Recreation stream of the ICIP have not yet been released but Administration anticipates that two-thirds (66%) of approved project costs may be

funded by the Federal and Provincial governments. The City's share would be approximately \$10 million for the PEMB or \$7.0 million for the ASFS.

Council has currently identified the following funds for the Multi Use Indoor Sports Facility:

- Indoor Turf Reserve Fund \$4.0M
- Municipal Accommodation Tax (MAT) 2019 \$1.0M (estimate)
\$5.0M

Potential sources of financing for balance include:

- Additional MAT (2020 – 2022) \$3.0M
- Federal Gas Tax (FGT) 2019 one-time payment \$6.9M
- (would be recommended to Council if application to Disaster Mitigation Adaptation Fund is successful) Debenture

Should Council wish to proceed without ICIP funding, a combination of the above sources of financing would be required. The following chart summarizes potential financing scenarios without ICIP funding.

	PEMB (w/o FGT)	PEMB (w/ FGT)	ASFS (w/o FGT)	ASFS (w/ FGT)
Total Project Cost	\$30.0M	\$30.0M	\$21.0M	\$21.0M
Indoor Turf Reserve Fund	\$4.0M	\$4.0M	\$4.0M	\$4.0M
MAT (2019 – 2022)	\$4.0M	\$4.0M	\$4.0M	\$4.0M
NOHFC	\$1.0M	\$1.0M	\$1.0M	\$1.0M
Federal Gas Tax (FGT)	-	\$6.9M	-	\$6.9M
Remainder to be Debentured	\$21.0M	\$14.1M	\$12.0M	\$5.1M
Length of Debenture	25 years	25 years	15 years	15 years
Total Interest	\$12.4M	\$8.3M	\$4.5M	\$1.9M
Total Principal & Interest (P&I)	\$33.4M	\$22.4M	\$16.5M	\$7.0M
Year One P&I Payment	\$1.7M	\$1.2M	\$1.3M	\$0.6M
Municipal Tax Levy Impact of financing (estimated)	0.89%	0.60%	0.67%	0.29%

If a debenture was used to fund a portion of the construction the municipal tax levy impact is indicated in the chart above. In addition, once built there would be annual capital renewal requirements of \$232,000 for the PEMB or \$400,600 for the ASFS.

CONCLUSION

It is concluded that City Council should approve, in principle, the development of a new Multi Use Indoor Sports Facility to be located at Chapples Park as outlined in this Report.

It is further concluded that Administration should proceed with the necessary site investigation and engineering.

It is also concluded that City Council should approve the development of construction documents at a gross cost of \$3.6M.

It is further concluded that Administration should proceed with the completion of a Stage Two application to NOHFC and that the project be identified as a priority for the Investing in Canada Infrastructure Program.

BACKGROUND

At the March 25th, 2019 Committee of the Whole meeting (R42/2019), Interim Multi-Use Indoor Turf Options, Council adopted an Alternate Resolution as follows:

With Respect to Report R42/2019 (Community Services Department), we recommend that Administration be directed to begin work on the planning for and permanent indoor turf facility;

AND THAT Administration report back to City Council on or before June 3, with a potential project plan, potential sources of funding and overall financial implications for the City of Thunder Bay for a permanent indoor turf facility;

AND THAT if an alternate interim solution becomes apparent prior to the construction of a permanent facility that Council considers that solution at that time;

AND THAT any necessary by-laws be presented to City Council for ratification.

On January 30, 2019 (Report 2019CLS.002), after consideration of the proposals arising from the Expression of Interest process, Council rejected all proposals, directed the termination of the Expression of Interest process, and requested Administration to report back on alternative interim solutions.

At the June 25, 2018 Committee of the Whole meeting (R88/2018), City Council affirmed a priority need for an indoor turf facility based on the results of a study commissioned by Administration validating community demand for access to indoor turf, community support for the proposed design and location of the proposed Chapples Park Indoor Turf facility, and the estimated economic/tourism benefits associated with the project. City Council and Administration were directed to continue to advocate for funding from other levels of government to support the development of a permanent, year round, indoor turf facility (estimated cost \$28- \$30 million). Soccer Northwest Ontario (SNO), in partnership with other community organizations, was encouraged to commence a fundraising campaign to support the development of the longer term facility. Administration was directed to proceed with an Expression of Interest process that invited interested non-profit and private sector parties to submit proposals to address the community's interim need for indoor turf.

At the January 31, 2018 Committee of the Whole Special Session (2018 Capital and Operating Budget Meeting), City Council directed City Administration to follow up with key stakeholders to validate the draft business and concept plan for the proposed pre-Chapples Park Indoor Turf Facility, acquire input on project governance, refine recommendations regarding an approach for continuing with detailed design/construction, submit a Stage 1 Funding Application to NOHFC and further develop the tourism/economic impacts associated with this project and fundraising strategies.

On January 15, 2018, City of Thunder Bay Council confirmed support in principle for the project following a deputation by SNO regarding the draft business and concept plan for the proposed facility. Council directed City Administration to report back on or before January 31, 2018 regarding the financial implications and funding options of proceeding with the project.

As part of the 2017 budget process at the February 15, 2017 Committee of the Whole, Council allocated funding to undertake a feasibility study and site location analysis for an indoor soccer facility in Thunder Bay. Chapples Park, in addition to industrial sites, were to be considered. SNO organized multiple community engagement opportunities to confirm community needs and inform the facility scope/design, proposed operating budget and operating model.

In Spring 2017, Council approved the Chapples Park Master Plan (R48/2017), which supported the development of a multi-use indoor sports hub at this site as a phase 2/medium term priority (6 to 10 years). Chapples Park was confirmed through community engagement to be the preferred site for turf sports, achieve efficiencies in park maintenance, integrate indoor and outdoor turf facilities, and provide enhanced opportunities to attract tournaments.

Soccer Northwest Ontario (SNO), the local sport governing body for soccer, in a deputation to Council in May 26, 2014, requested the City to undertake a feasibility study for an indoor soccer facility in addition to improvements to existing fields and the addition of turf fields. Council recommended that Administration prepare a report outlining planning options for the redevelopment of Chapples Park. City Administration advised that a city-wide master plan for recreation and facilities, supported by specific individual master plans, would be developed.

Following extensive community consultation, the City of Thunder Bay approved the Recreation and Culture Facilities Master Plan “Fit Together” (R152/2016) in January 2017 acknowledging the need for investment in an indoor soccer complex and directing the evaluation of successful models for the development of indoor soccer facilities. The Plan assumed that the facility would be developed through partnerships.

REFERENCE MATERIAL ATTACHED:

APPENDIX A - MULTI-USE INDOOR SPORTS FACILITY - CONCEPTUAL PLAN - BUBBLE

APPENDIX B - MULTI-USE INDOOR SPORTS FACILITY - CONCEPTUAL PLANS

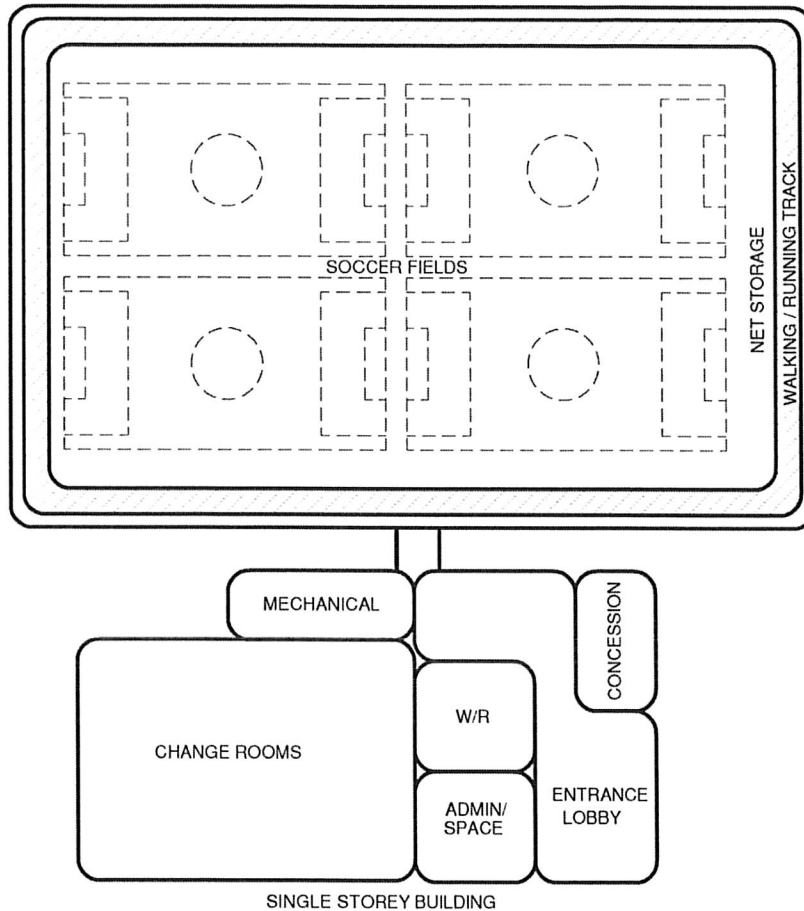
APPENDIX C - MULTI-USE INDOOR SPORTS FACILITY - CHAPPLES PARK

APPENDIX D - MULTI-USE INDOOR SPORTS FACILITY - DELANEY ARENA SITE

APPENDIX E - MULTI-USE INDOOR SPORTS FACILITY - COMMUNITY AUDITORIUM SITE

PREPARED BY: GERRY BROERE, DIRECTOR – ASSET MANAGEMENT

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)	DATE:
Kelly Robertson, General Manager – Community Services	May 24, 2019



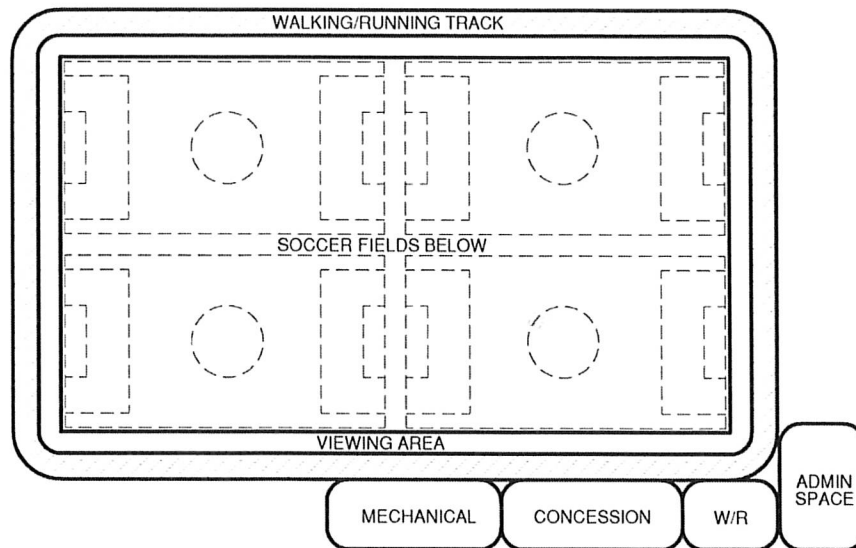
MAIN FLOOR PLAN

AIR SUPPORTED STRUCTURE
CONVENTIONAL CONSTRUCTION

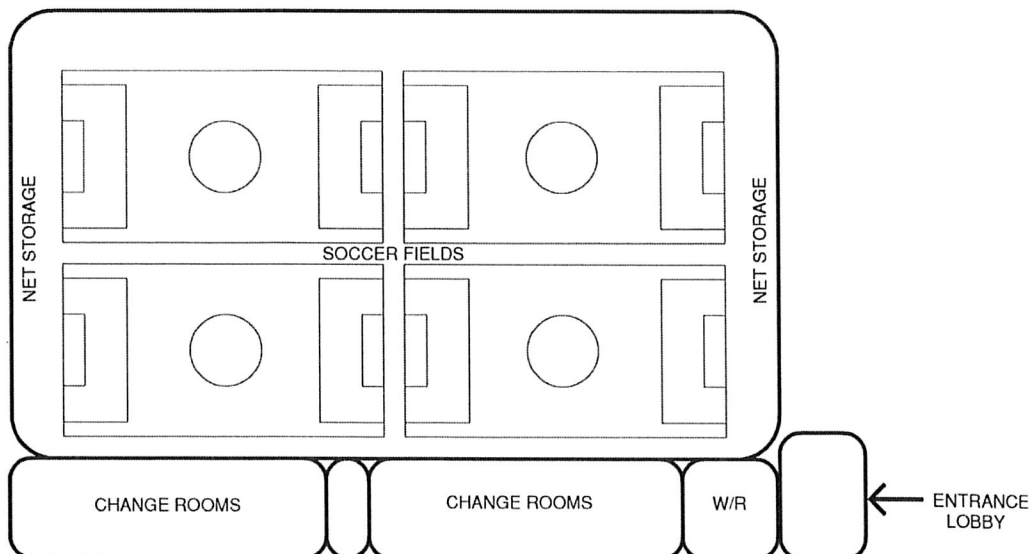


BUILDING FOOTPRINT 126,000 SQ. FT

APPENDIX A
MULTI-USE INDOOR SPORTS FACILITY
CONCEPTUAL PLAN- BUBBLE



SECOND / MEZZANINE FLOOR PLAN



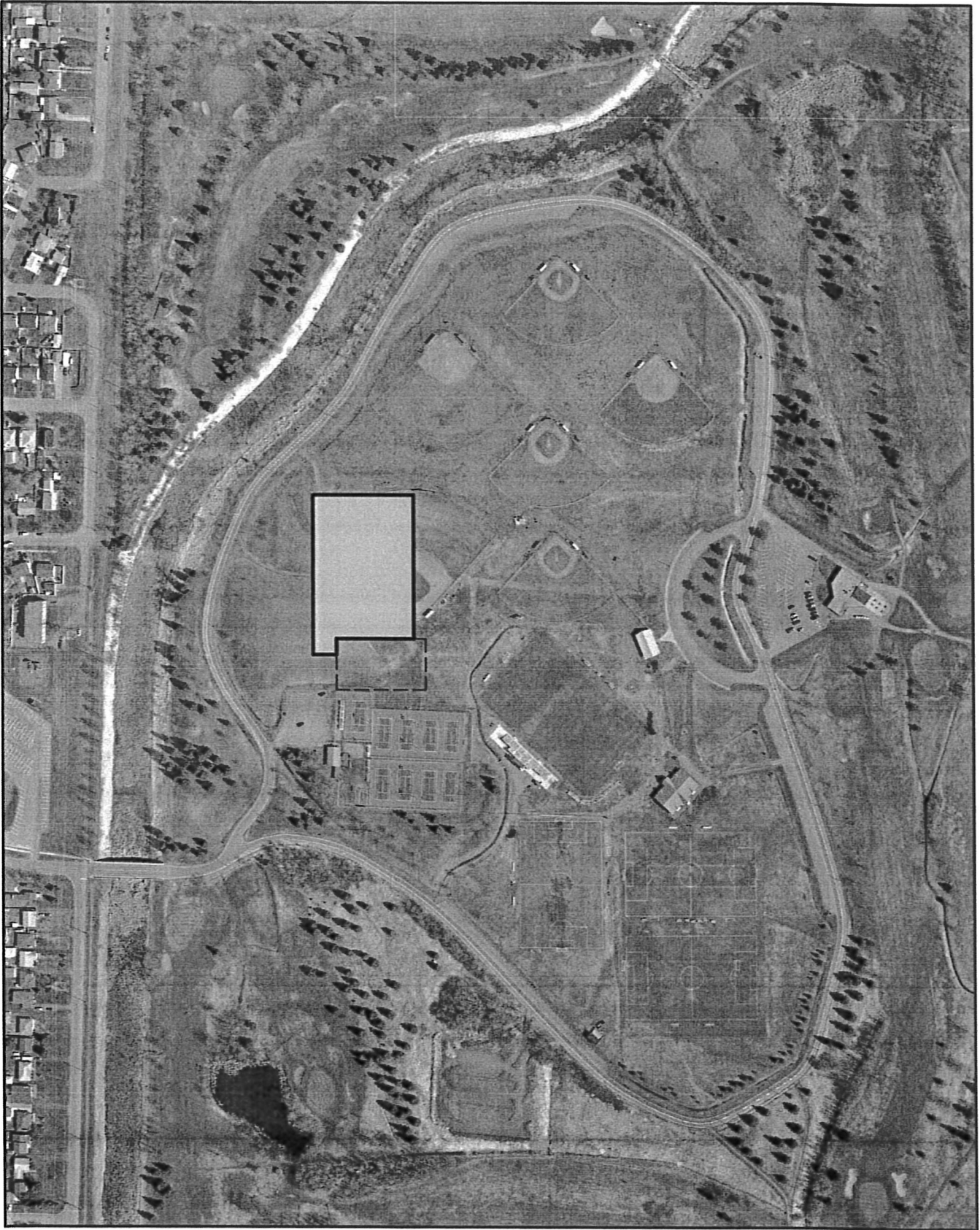
MAIN FLOOR PLAN



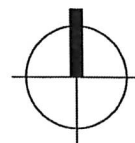
BUILDING FOOTPRINT 100,500 SQ. FT
GROSS BUILDING AREA 133,400 SQ. FT

**APPENDIX B (RECOMMENDED)
MULTI-USE INDOOR SPORTS FACILITY
CONCEPTUAL PLANS**

CITY OF
Thunder Bay
Superior by Nature
CONSTRUCTION SERVICES
ASSET MANAGEMENT DIVISION
COMMUNITY SERVICES DEPARTMENT



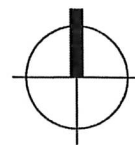
APPENDIX C (RECOMMENDED)
MULTI-USE INDOOR SPORTS FACILITY
CHAPPLES PARK



CITY OF
Thunder Bay
Superior by Nature
CONSTRUCTION SERVICES
ASSET MANAGEMENT DIVISION
COMMUNITY SERVICES DEPARTMENT



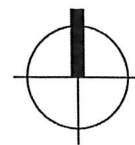
APPENDIX D
MULTI-USE INDOOR SPORTS FACILITY
DELANEY ARENA SITE



CITY OF
Thunder Bay
Superior by Nature
CONSTRUCTION SERVICES
ASSET MANAGEMENT DIVISION
COMMUNITY SERVICES DEPARTMENT



APPENDIX E
MULTI-USE INDOOR SPORTS FACILITY
COMMUNITY AUDITORIUM SITE



CITY OF
Thunder Bay
Superior by Nature
CONSTRUCTION SERVICES
ASSET MANAGEMENT DIVISION
COMMUNITY SERVICES DEPARTMENT