



AGENDA MATERIAL

COMMITTEE OF THE WHOLE

MEETING DATE: MONDAY, MAY 3, 2021

LOCATION: S. H. BLAKE MEMORIAL AUDITORIUM
(Council Chambers)

TIME: 6:30 PM



MEETING: Committee of the Whole

DATE: Monday, May 3, 2021

Reference No. COW - 26/52

CLOSED SESSION via Microsoft Teams at 5:30 p.m.

Committee of the Whole - Closed Session

Chair: Councillor A. Ruberto

Closed Session Agenda will be distributed separately to Members of Council and EMT only.

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

Committee of the Whole - Operations Session

Vice Chair: Councillor A. Aiello

DISCLOSURES OF INTEREST

CONFIRMATION OF AGENDA

Confirmation of Agenda - May 3, 2021 - Committee of the Whole **(Page 5)**

WITH RESPECT to the May 3, 2021 Committee of the Whole meeting, we recommend that the agenda as printed, including any additional information and new business, be confirmed.

REPORTS OF COMMITTEES

Clean, Green & Beautiful Committee Minutes

Minutes of Meeting 02-2021 of the Clean, Green & Beautiful Committee held on March 17, 2021, for information. **(Pages 6 – 10)**

Earthcare Advisory Committee Minutes

Minutes of Meeting 03-2021 of the Earthcare Advisory Committee held on March 2, 2021, for information. **(Pages 11 – 16)**

Parking Authority Board Minutes

Minutes of Meeting 03-2021 of the Parking Authority Board held on March 9, 2021, for information. **(Pages 17 – 20)**

REPORTS OF MUNICIPAL OFFICERS

Contract 5, 2021 - Edward Street Reconstruction

Report R 51/2021 (Infrastructure & Operations - Engineering & Operations) recommending that Contract 5, 2021 - Edward Street Reconstruction be awarded to Nadin Contracting Ltd, which submitted the lowest tender in the amount of \$2,673,146.08. **(Pages 21 – 24)**

WITH RESPECT to Report R 51/2021 (Infrastructure & Operations – Engineering & Operations), we recommend that Contract 5, 2021 for Edward Street Reconstruction be awarded to Nadin Contracting Ltd, which submitted the lowest tender in the amount of \$2,673,146.08 (inclusive of HST); it being noted that the amount shown is based on estimated quantities; final payment for this Contract will be based on measured quantities for the complete work;

AND THAT the General Manager of Infrastructure and Operations report significant variations in the Contract quantities to City Council;

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

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

Contract 2, 2021 - Sidewalk Construction - New & Replacement

Report R 52/2021 (Infrastructure & Operations - Engineering & Operations) recommending that Contract 2, 2021 – Sidewalk Construction - New & Replacement, be awarded to RJ Concrete & Construction Ltd who submitted the lowest tender in the amount of \$845,715.05. **(Pages 25 – 28)**

WITH RESPECT to Report R 52/2021 (Infrastructure & Operations - Engineering & Operations), we recommend that Contract 2, 2021 – Sidewalk Construction - New & Replacement be awarded to RJ Concrete & Construction Ltd who submitted the lowest revised tender in the amount of \$845,715.05 [inclusive of HST]; it being noted that the amount shown is based on estimated quantities; final payment for this contract will be based on measured quantities for the completed work;

AND THAT the General Manager of Infrastructure and Operations report any circumstances to City Council should significant variation in the contract quantities occur;

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

AND THAT any necessary bylaws be presented to City Council for ratification.

Solid Waste Management Strategy Update

Report R 54/2021 (Infrastructure & Operations - Environment) outlining the progress made implementing the Solid Waste Management Strategy in 2020 and identifying key planned objectives for 2021, for information. **(Pages 29 – 33)**

FIRST REPORTS

Net-Zero Strategy - First Report

Report R 50/2021 (Infrastructure & Operations) recommending that the Net-Zero Strategy be received and endorsed in principle by Council, to guide future direction and investment in climate change mitigation. **(Pages 34 – 38)**

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 recommendations are considered by Committee of the Whole on June 7, 2021.

Memorandum from Ms. S. Stevenson, Sustainability Coordinator, dated April 16, 2021 requesting to provide a presentation relative to the above noted. **(Page 39)**

Receive Report R 50/2021 as a First Report

Recommendation to receive Report No. R 50/2021 as a First Report. **(Page 40)**

WITH RESPECT to Report R 50/2021 (Infrastructure & Operations), we recommend that the Report be received;

AND THAT Report R 50/2021 (Infrastructure & Operations) be presented at the June 7, 2021 Committee of the Whole meeting for consideration.

PETITIONS AND COMMUNICATIONS

Ontario Bill 197 – Development Approval for Landfills

Memorandum from Councillor B. McKinnon, Chair – Inter-Governmental Affairs Committee dated March 15, 2021, containing a motion relative to the above noted. **(Pages 41 – 43)**

WITH RESPECT to the Memorandum from Councillor Brian McKinnon, Chair – Inter-Governmental Affairs Committee dated March 15, 2021, we recommend that City Council advocate to the Government of Ontario (Ministry of the Environment, Conservation and Parks (MOECP) to amend Bill 197, COVID-19 Economic Recovery Act, 2020, to eliminate the development approval requirement provisions from adjacent municipalities and that the 'host' municipality be empowered to render final approval for landfills within their jurisdiction;

AND THAT a copy of this motion be forwarded to Premier Doug Ford, Jeff Yurek the Minister of Environment, Conservation and Parks, Steve Clark the Minister of Municipal Affairs and Housing, local MPP's., the Association of Ontario Municipalities (AMO) and Ontario's Big City Mayors.

Removal of Traffic Signals – Administration Update

At the March 1, 2021 Committee of the Whole meeting, a resolution was passed directing Administration to proceed with the process set out in the Removal of Existing Traffic Signals Policy No. 11-02-07 to inform the public of the City's interest in removing the traffic signals at the intersections of Frederica Street/Brown Street and Donald Street/Vickers Street.

Memorandum from Mr. D. Binch, Traffic Technologist dated April 22, 2021 providing an update relative to the above noted, for information. **(Pages 44 – 46)**

Consultation - Municipal Act

Memorandum from Ms. K. Power, City Clerk dated April 19, 2021 relative to the above noted, for information. **(Pages 47 – 49)**

NEW BUSINESS

ADJOURNMENT

MEETING DATE 05/03/2021 (mm/dd/yyyy)

SUBJECT Confirmation of Agenda

SUMMARY

Confirmation of Agenda - May 3, 2021 - Committee of the Whole

RECOMMENDATION

WITH RESPECT to the May 3, 2021 Committee of the Whole meeting, we recommend that the agenda as printed, including any additional information and new business, be confirmed.



MEETING DATE 05/03/2021 (mm/dd/yyyy)

SUBJECT Clean, Green & Beautiful Committee Minutes

SUMMARY

Minutes of Meeting 02-2021 of the Clean, Green & Beautiful Committee held on March 17, 2021, for information.

ATTACHMENTS

1 CGB minutes March 17 2021

DATE: MARCH 17, 2021

MEETING NO. 02-2021

TIME: 10:00 AM

PLACE: MICROSOFT TEAMS

CHAIR: COUNCILLOR R. JOHNSON

MEMBERS:

Councillor R. Johnson, *City Council*
Ms. B. Baker, *Local Artist*
Ms. S. Godwin, *Thunder Bay Art Gallery*
Ms. S. Hamel, *EcoSuperior*
Ms. M. Davidson, *EcoSuperior*
Ms. K. Donahue, *Citizen Representative*
Mr. A. Viljoen, *Citizen Representative*
Ms. K. Berlinquette, *Small Business Representative*
Mr. K. Jessiman, *Medium Business Representative*
Mr. S. Margarit, *Large Business Representative*
Mr. A. Puiatti, *Architecture*

OFFICIALS:

Ms. K. Lewis, Director,
Corporate Strategic Services
Ms. K. Hell, Administrative Assistant,
Corporate Strategic Services

GUESTS:

Ms. L. Costanzo, Supervisor – Cultural
Development & Events
Melissa Gagne
Rotary Members – Mary-Ann Mackett, Jim
Madder, Shelley Crawford,

1. WELCOME & DISCLOSURES OF INTEREST

The Chair, Councillor R. Johnson, called the meeting to order at 10 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. 03-2021 of the Clean, Green & Beautiful Committee held on April 21, 2021 including any additional information and new business be accepted.

3. MINUTES OF PREVIOUS MEETING

It was consensus of the Committee to confirm the Minutes of Meeting No. 02-2021 held on March 17, 2021.

4. PRESENTATION BY MELISSA GAGNE

Ms. M. Gagne provided a presentation on 'People in Place of Cars' based on research during completing her Masters in Science Tourism and experience in Ljubljana, Slovenia. The presentation is available through Ms. K. Hell if any Committee members would like a copy.

5. DISCUSSION WITH ROTARY

Ms. M. Mackett, Ms. S. Crawford and Mr. J. Madder from the Port Arthur Rotary joined the Committee meeting to discuss beautification ideas and how to tie them into Clean, Green & Beautiful projects moving forward. Again being mindful of Indigenous place making, accessibility and the starting budget of \$2000.

A suggestion was made to visit the Clean, Green & Beautiful website to view past projects.

Images based on other Municipalities shared by Ms. M. Mackett are available upon request.

6. FINANCIAL UPDATE

A financial update was provided by Ms. K. Lewis.

EcoSuperior has requested an additional \$10,000 to the Anti-Litter \$20,000 for a total proposed budget of \$30,000 to aid in purchasing extra waste containers

Working Group's Strategic Plan recommendations will provide an update where the funds will be allocated at the April 21, Clean, Green & Beautiful Committee meeting.

7. PUBLIC ART UPDATE

Ms. L. Costanzo provided an update relative to above.

Public Art is working on their strategic planning for future projects/events. Call for talent will be going out on March 26, 2021.

The design and production of the Maamawe All Together Bus with funding of \$15,000 from Clean, Green & Beautiful is targeted for October 2021. Recruited two young Indigenous artists to represent the seven fallen youth within the artwork.

8. HERITAGE COMMITTEE UPDATE

Deferred to April 21, 2021 meeting.

9. 50TH ANNIVERSARY UPDATE

Ms. B. Baker provided an update relative to above.

The commemorative video was launched, and the Committee recommended City Council dissolve the Committee.

10. PRELIMINARY REPORT FROM WORKING GROUP

The Working Group met with City Administration to look at current city projects. Other groups with existing initiatives will be part of future discussions.

The Working Group's priority is to have a short list of initiatives and a map prepared to view as a whole at the April 21, 2021 Committee meeting.

A discussion was held regarding being mindful that the initiatives include public art, Indigenous place making, equity across the City and clean environment.

11. ROUND TABLE

Ms. M. Davidson, EcoSuperior Spring Up – Clean up registration starts April 1, 2021.

Ms. S. Godwin, Thunder Bay Art Gallery has an awesome virtual exhibit by Justine Gustafson that you should not miss.

Ms. K. Donahue, March 2021, Bio Mass Conference– Resiliency in the Face of Pandemic

12. 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 18, 2021 Microsoft Teams
- Wednesday, June 16, 2021 Microsoft Teams
- No meeting July and August
- Wednesday, September 15, 2021 TBD
- Wednesday, October 20, 2021 TBD
- Wednesday, November 17, 2021 TBD
- Wednesday, December 15, 2021 TBD

13. ADJOURNMENT

12:02 PM



MEETING DATE 05/03/2021 (mm/dd/yyyy)

SUBJECT Earthcare Advisory Committee Minutes

SUMMARY

Minutes of Meeting 03-2021 of the Earthcare Advisory Committee held on March 2, 2021, for information.

ATTACHMENTS

1 EAC minutes March 2 2021

DATE: March 2, 2021**MEETING NO.:** 03-2021**TIME:** 4:02 P.M.**PLACE:** Microsoft Teams Meeting**CHAIR:** Councillor A. Foulds

PRESENT:

Councillor A. Foulds
Ms. M. Wanlin
Ms. S. Costigan
Ms. J. Todd
Ms. C. Strutt
Ms. S. Stiles
Mr. W. Vander Ploeg

OFFICIALS:

Ms. A. Coomes, Sustainability Coordinator
Ms. S. Stevenson, Acting Sustainability Coordinator
Mr. J. Porter, Climate Adaptation Coordinator
Ms. M. Warywoda, Director – Environment Division
Ms. L. Grace – Administrative Assistant - Environment

GUESTS:

None

1.0 WELCOME AND DISCLOSURES OF INTEREST

The Chair, Councillor A. Foulds, called the meeting to order at 4:02 p.m. There were no disclosures of interest declared at that time.

2.0 APPROVAL OF AGENDA

MOVED BY: Ms. J. Todd
SECONDED BY: Ms. S. Costigan

That the Agenda for Meeting No. 03-2021 of the EarthCare Advisory Committee, held March 2, 2021, including any additional information and new business, be confirmed.

CARRIED

3.0 PRESENTATIONS

Mr. J. Porter gave a presentation on the Climate Resilience Road Map. Discussion and a Q & A period followed.

Ms. M. Wanlin inquired how this Road Map will be used and whether there will be a map of zones in Thunder Bay. Although it was designed mainly to inform infrastructure decisions, the scope will define zones and risks for flooding. Ms. A Coomes commented that it would be better for homeowners to be informed if they are in a high risk area.

Councillor A. Foulds inquired how this project will fit into the larger risk management assessment that Corporate is taking on. Jacob will work in conjunction with risk management, providing a higher level of detail. This could inform future capital expenditures.

Councillor A. Foulds suggested working with Ms. R. Mandamin and the Elders Council to break down barriers. How does the Poverty Reduction Group and Elders Council figure into this project.

4.0 MINUTES OF PREVIOUS MEETING

The Minutes of Meeting No. 02-2021 of the EarthCare Advisory Committee, held on February 2, 2020, to be confirmed.

MOVED BY: Mr. W. Vander Ploeg
SECONDED BY: Ms. C. Strutt

THAT the Minutes of Meeting No. 02-2021 of the EarthCare Advisory Committee, held February 2, 2021, be confirmed.

CARRIED

5.0 BUSINESS ARISING FROM PREVIOUS MINUTES

Summary document regarding the Community Energy and Emissions Plan stakeholders' feedback will be ready for distribution on March 12

236 comments were received from 23 people
80 – re editing content
47 – re scope
89 – re specific actions
17 – re implementation
3 – other

6.0 SUSTAINABILITY UPDATE

1. **LEAD:** Provide civic leadership to advance mutual respect, equal opportunity and hope.

i. Community Energy and Emissions Plan update:

1. Continuing to address feedback from first draft. Second draft was submitted by consultant. Internal review complete and comments submitted to consultant for third draft.
2. Drafted near-term priority actions for the Corporation for initial internal review.

3. Presentation to Council on March 1st providing information on the development of the Plan.
 - ii. Participated in two panel discussions highlighting the CEEP: Economic Developers Commission of Ontario (Feb 17) and Lakehead University Research & Innovation Week (March 2)
 - iii. Continued supporting the Climate Change Handouts Working Group. Handouts are currently being reviewed and finalized. Launch anticipated next month.
 - iv. Provided emissions data for the Community Safety and Wellbeing Plan.
2. **SERVE:** Advance service excellence through a citizen focus and best use of technology.
 - i. Upcoming Events:
 1. Lakehead University Research & Innovation Week
 - a. <https://www.lakeheadu.ca/research-and-innovation/about/research-and-innovation-week>
 - ii. Working Group Projects:
 1. Climate Adaptation, Community Greening, and Water Working Group all hosted meetings last month.
3. **GROW:** Focus on city building and social infrastructure to strengthen our economy, lifestyle and well-being & **RENEW:** Focus on essential infrastructure, revitalize our cores and enhance our Image Routes
 - i. Public engagement has commenced on Reimagining the North Core Streetscapes: <https://getinvolvedthunderbay.ca/reimagining-north-core-streetscapes>. Opportunity to provide EarthCare input.

Following Ms. Stevenson's update, a discussion was held regarding the submission of feedback to the 'Reimagine the North Core' Get Involved call for input and ideas.

MOVED BY: Ms. M. Wanlin
SECONDED BY: Mr. W. Vander Ploeg

THAT a letter be sent to the Reimagining the North Core Streetscapes Project Manager outlining the opportunity that this project presents to showcase sustainability principles from the Sustainability Plan and the Climate Adaptation Strategy such as green infrastructure, walkability, community greening, stormwater management, supporting local businesses, waste management, and GHG reduction opportunities.

The meeting was turned over to the Vice-Chair, Ms. S. Costigan, at 4:56 pm

7.0 CLIMATE ADAPTATION UPDATE

1. **LEAD:** Provide civic leadership to advance mutual respect, equal opportunity and hope.
 - i. Waiting on an update from Canada Ontario Agreement funding application
2. **SERVE:** Advance service excellence through a citizen focus and best use of technology.
 - i. Taking part in a panel for Lakehead Research and Innovation week, implementing voluntary local review of UN Sustainable development goals, this Friday.
 - ii. Presenting to Brock University on implementing adaptation plans on Thursday, March 11, 2021.
 - iii. CAWG is planning an adaptation education event for post-secondary international students next week, night to be determined.
3. **GROW:** Focus on city building and social infrastructure to strengthen our economy, lifestyle and well-being & **RENEW:** Focus on essential infrastructure, revitalize our cores and enhance our Image Routes
 - i. RPWCO Climate Roadmap for assessing climate vulnerabilities will be piloted in Thunder Bay

8.0 WORKING GROUP UPDATE FOR LIAISONS

- 8.1 The Community Greening Group met on Feb. 24, 2021.
- 8.2 The Climate Adaptation group met on Feb. 22, 2021. Formed action groups around a few areas of interest: Engagement & Climate Change Workshops (supporting the work of EcoSuperior; an upcoming digital event in March with LU international students) and Climate Change & Health (supporting the work of Rob Sanderson at TBDHU), as well preparing to support the review of the Sustainability Plan.

9.0 UPCOMING EVENTS

- 9.1 World Water Day – TBD. There may be some social media posts.

10.0 NEW BUSINESS – None

11.0 NEXT MEETING

Committee meetings are held on the first Tuesday of each month, except July and August, at 4:00 p.m. via Microsoft Teams, unless otherwise notified.

The 2021 meeting schedule is as follows:

- May 4, 2021
- June 1, 2021
- September 7, 2021
- October 5, 2021
- November 2, 2021
- December 7, 2021

12.0 ADJOURNMENT

The meeting was adjourned at 5:07 p.m.



MEETING DATE 05/03/2021 (mm/dd/yyyy)

SUBJECT Parking Authority Board Minutes

SUMMARY

Minutes of Meeting 03-2021 of the Parking Authority Board held on March 9, 2021, for information.

ATTACHMENTS

1 PAB minutes March 9 2021

Minutes of Meeting

Parking Authority Board

MEETING #: 03
DATE: March 9, 2021
TIME: 10:00 AM
PLACE: MS Teams
CHAIR: Chris Krumpholz, Member

ATTENDEES: Frances Larizza, Member (teleconference)
Brian Hamilton, Member
Jonathan Paske, Supervisor – Parking Authority
Doug Vincent, Manager – Licensing & Enforcement
Kara Pratt – Waterfront BIA Representative

REGRETS:
Leslie McEachern, Acting GM – Development & Emergency Services

1. Confirmation of Agenda

Moved by Brian Hamilton, seconded by Frances Larizza.

“With respect to the March 9, 2021 Parking Authority Board meeting, it is recommended that the agenda as printed, including any additional information and new business, be confirmed.”

CARRIED

2. Minutes of February 9, 2021 Meeting

Moved by Frances Larizza, seconded by Brian Hamilton.

“That the minutes of the Parking Authority Board meeting held February 9, 2021 be approved.”

CARRIED

3. Outstanding Items

The RFP for Parking Management Solutions (mobile parking purchase, ticket management system, and online payments) is in progress. Legal Services has reviewed the agreement and will submit a red-line copy to provide to the vendor. There continues to be delays as Legal Services is extremely busy.

Senior City management has had a preliminary discussion regarding a cost recovery strategy for when the Engineering department closes a street and removes meters from Parking Authority's ability to generate revenue. Discussions will continue with Parking Authority.

4. Financial Statement

The first statement of 2021 indicates revenues are approximately 7% (\$144,200) below budget due to continued shutdowns first quarter because of COVID. An email from the Finance department was provided to members confirming that any deficit realized by Parking Authority in 2021 will be absorbed by the City's stabilization fund or other COVID funding sources. Members were informed that the budgeted 2020 transfer of \$57,000 to the Parking Authority's reserve fund was still included as part of the year-end entries.

5. Calendar Parking

Members discussed calendar parking. A resident had suggested a warning system instead of ticketing. Parking Authority indicated that signs are posted and that when calendar parking begins there are warnings announced in the media, on social media, and on the website. Warnings by officers would be very difficult to track and may not be perceived as fair to other vehicles in other areas being ticketed by other officers. If extenuating circumstances exist, individuals may contact Parking Authority to discuss resolving the ticket, usually in the form of a reduction. Calendar parking has been in place for decades and exists to assist with winter road maintenance, safety, and traffic flow. Enforcement is based on officer patrols and more often complaints from residents. Members are satisfied with the current process of calendar parking.

6. New Business

Members have heard some complaints of garbage and messes in the Victoriaville parkade stairwells. It was explained that the cleaners complete their work first thing in the morning every weekday. During the winter it is difficult to clean wet messes as they freeze and cleaning with water can cause slip hazards. Being a public access structure it is very difficult to keep loiterers, and the messes they leave, out when security is not present. Parking Authority will discuss these issues with the cleaners and perhaps an additional cleaning during the daytime or a different cleaning method for during cold weather. A portable toilet was suggested in the park across the street, Parking Authority will approach the Parks department to see if that would be feasible. Supplying one is outside of Parking Authority's purview and not recommended by Risk Management.

7. Next Meeting

The next meeting will be April 13, 2021 at 10:00 AM via MS Teams.

8. Adjournment

Moved by Frances Larizza, seconded by Brian Hamilton.

“That the March 9, 2021 Parking Authority Board meeting be adjourned.”

CARRIED

Meeting adjourned at 11:00 AM.

Corporate Report

DEPARTMENT/ DIVISION	Infrastructure & Operations - Engineering & Operations	REPORT NO.	R 51/2021
DATE PREPARED	04/12/2021	FILE NO.	
MEETING DATE	05/03/2021 (mm/dd/yyyy)		
SUBJECT	Contract 5, 2021 - Edward Street Reconstruction		

RECOMMENDATION

WITH RESPECT to Report R 51/2021 (Infrastructure & Operations – Engineering & Operations), we recommend that Contract 5, 2021 for Edward Street Reconstruction be awarded to Nadin Contracting Ltd, which submitted the lowest tender in the amount of \$2,673,146.08 (inclusive of HST); it being noted that the amount shown is based on estimated quantities; final payment for this Contract will be based on measured quantities for the complete work;

AND THAT the General Manager of Infrastructure and Operations report significant variations in the Contract quantities to City Council;

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

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

LINK TO STRATEGIC PLAN

This report directly supports ‘Our Priorities’ of the 2019-2022 Corporate Strategic Plan, through renewal of City infrastructure. This project includes the rehabilitation of the pavement surface and watermain on Edward Street following the Engineering Division’s asset management plan.

EXECUTIVE SUMMARY

This report recommends Contract No. 5, 2021 for Edward Street Reconstruction be awarded to the lowest bidder, Nadin Contracting. The 2021 Capital Budget includes sufficient funding for this work.

DISCUSSION

As a result of the call for tenders, six [6] responses as listed below were received for Contract 5, 2021 – Edward Street Reconstruction. The tendered costs include the applicable HST. The bids have been checked for mathematical errors and the corrections noted.

CONTRACTOR	OPENING BID	CORRECTED BID
Nadin Contracting Ltd.	\$2,673,146.08	
Taranis Contracting	\$2,877,744.45	
Makkinga Contractors	\$2,878,651.27	
Bay City Contractors	\$2,909,775.99	
P.N.I Contracting	\$3,065,795.09	
Pioneer Construction	\$3,561,499.86	

The pre-tender estimate for this contract was \$2,861,702.40 (inclusive of HST).

Under this contract Edward Street from Ward Avenue to William Street will be reconstructed. The work will involve providing a new asphalt surface, repairs to curb and gutter, and street lighting upgrades. The watermain from Ward Avenue to Ironwood Avenue will be replaced, and a new multi-use path will be provided on Redwood Avenue from Edward Street to Sherbrooke Street.

As part of these improvements, the existing traffic signals at Edward Street and Redwood Avenue intersection will be removed and a roundabout constructed. The roundabout will include two-lane entries and exits on Edward Street, and single-lane entries and exits on Redwood Avenue. New Level 2 Type B pedestrian crossovers will be provided for the Edward Street crossings which are the pedestrian activated crossings with flashing beacons recommended by the Accessibility Advisory Committee for the City. New Level 2 Type D pedestrian crossovers will be provided for the Redwood Avenue crossings which do not have flashing beacons and are not recommended by the Accessibility Advisory Committee. The recommendation for pedestrian crossover types was included in Corporate Report 131/2020 (Infrastructure & Operations – Engineering & Operations) and approved by Council. The pedestrian crossings of Redwood Avenue will be single lane, single traffic direction crossings similar to the channelized right turn lane crossings that exist at two of the legs of the current signalized intersection. The current channelized right turn lanes provide no priority to pedestrians and offer no pedestrian protection. The proposed Level 2 Type D pedestrian crossovers are consistent with the guidance provided in the National Cooperative Highway Research Program (NCHRP) Report 674 – Crossing Solutions at Roundabouts and Channelized Turn Lanes for Pedestrians with Vision Disabilities. This study concluded that a single lane crossing did not pose any more difficulty to a pedestrian with vision impairment than what would be experienced at a similar signalized intersection. The Level 2 Type D pedestrian crossovers provide protection and priority to pedestrians as vehicles have to stop for anyone waiting to cross.

This contract also includes the construction of landscaping following a Medicine Wheel themed design created in consultation with the Elders Advisory Committee. The truck apron of the central island will be painted in the traditional colours of the Medicine Wheel, and the planting

beds will be prepared. Final plantings and installation of the plaques will be completed in 2022 with assistance from Parks & Open Spaces Conservatory staff. The landscaping plan will also be presented to the Accessibility Advisory Committee which shared concerns relative to the height and size of plantings and sight lines for the visually impaired.

Nadin Contracting submitted the lowest tender for this contract. Nadin has previously completed similar contracts for the City. Administration recommends this firm is qualified to undertake the work.

The work is expected to start following the lifting of spring half load restrictions and continue until scheduled completion to the end of October 2021.

FINANCIAL IMPLICATION

The 2021 Capital Budget along with carry forward accounts include sufficient funding for the reconstruction of Edward Street. It is recommended that all work proceed.

The following financial breakdown is provided:

Projected Costs	Breakdown
Contract Tendered Price:	\$2,673,146.08
Less HST Rebate:	<u>\$265,895.24</u>
Subtotal:	\$2,407,250.84
Engineering and Other City Costs:	<u>\$280,000.00</u>
TOTAL COST:	<u>\$2,687,250.84</u>

This contract includes a contingency allowance for work that is unforeseen. These funds can only be expended with the approval of the General Manager of Infrastructure and Operations.

CONCLUSION

It is concluded that Contract 5, 2021 be awarded to the low bidder Nadin Contracting Group Ltd. and that all work should proceed.

BACKGROUND

The 2021 Capital Budget, Corporate Report 1/2021 (Corporate Services and Long Term Care – Financial Services) Proposed 2021 Operating and Capital Budget, includes tax and rate based funding, Federal Gas Tax and EIRP funding for asphalt rehabilitation and reconstruction of the watermain.

Infrastructure and Operations Department asset management plan incorporates a pavement management system developed in 2000 which is used as a tool to help administration prioritize roadwork.

Corporate Report 131/2020 (Infrastructure & Operations – Engineering & Operations) included the recommendation for a roundabout as the preferred intersection control at the intersection of Edward Street and Redwood Avenue.

Memorandum from Ms. K. Dixon, Director - Engineering & Operations, dated March 5, 2021 presented at the March 22, 2021 Committee of the Whole meeting where a recommendation was approved relative to a Medicine Wheel landscaping theme for the roundabout at Edward Street and Redwood Avenue intersection.

REFERENCE MATERIAL ATTACHED:

None

PREPARED BY: Matthew Miedema, P. Eng., Project Engineer

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)	DATE:
Kerri Marshall, General Manager – Infrastructure & Operations	April 23, 2021

Corporate Report

DEPARTMENT/ DIVISION	Infrastructure & Operations - Engineering & Operations	REPORT NO.	R 52/2021
DATE PREPARED	04/12/2021	FILE NO.	
MEETING DATE	05/03/2021 (mm/dd/yyyy)		
SUBJECT	Contract 2, 2021 - Sidewalk Construction - New & Replacement		

RECOMMENDATION

WITH RESPECT to Report R 52/2021 (Infrastructure & Operations - Engineering & Operations), we recommend that Contract 2, 2021 – Sidewalk Construction - New & Replacement be awarded to RJ Concrete & Construction Ltd who submitted the lowest revised tender in the amount of \$845,715.05 [inclusive of HST]; it being noted that the amount shown is based on estimated quantities; final payment for this contract will be based on measured quantities for the completed work;

AND THAT the General Manager of Infrastructure and Operations report any circumstances to City Council should significant variation in the contract quantities occur;

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

AND THAT any necessary bylaws be presented to City Council for ratification.

LINK TO STRATEGIC PLAN

This report directly supports the ‘Renew’ strategy of the 2019-2022 Corporate Strategic Plan: focus on essential infrastructure, revitalize our cores and enhance our Image Routes. New and renewed sidewalks support walkability, active transportation and complete streets.

EXECUTIVE SUMMARY

The 2021 Capital Budget includes funds for new sidewalk, sidewalk replacement, including hollow sidewalks, retaining wall replacement, and two new pedestrian crossover installations at various locations in the City. There were five (5) tenders received for the work. The lowest tender for this project is RJ Concrete & Construction Ltd. They have completed previous sidewalk contracts for the City in 2017 and 2020. Administration recommends them as the low tenderer and capable of doing the work.

DISCUSSION

As a result of the call for tenders, five (5) responses as listed below were received for the construction of sidewalks, retaining walls, and pedestrian crossover installations. The tender costs include the applicable HST. The bids have been checked for mathematical errors and the corrections noted.

Contractor	Tender Opening Bid	Corrected Bid
RJ Concrete & Construction Ltd	\$845,715.05	
Thunder Contracting	\$894,061.93	
Bay City Contractors	\$936,546.26	
P.N.I. Contracting	\$960,837.31	
PDR Contracting	\$1,059,975.30	\$1,059,980.79

The pretender estimate for the work on this contract was \$868,000.00.

The contract includes sidewalk replacement on sections of the following streets: Munro Street, County Boulevard, Ridgeway Street, Francis Street, Ogden Street, Isabella Street, Cumming Street, Arthur Street, Wiley Street and Rowand Street. The later seven locations involve short sections of hollow sidewalk replacement.

The Ridgeway Street project also includes replacement of street lighting and wiring. Condition surveys of all City sidewalks provide Administration with information to prioritize sidewalk replacements in the capital program including hollow sidewalk replacement. The contract also includes a number of segments of new sidewalk links that have been identified in the City's Active Transportation Plan and include improved connections to public transit. This includes new sidewalk segments on sections of Neebing Avenue and Frederica Street. These sidewalk links are partially funded under the Investing in Canada Infrastructure Program – Public Transit stream.

This contract also includes a short one block section of new sidewalk on the north side of Isabella Street near the Chartwell residence facility to complete a missing gap section. Another new sidewalk on John Street Road between Woodcrest Road and Moore Avenue is being completed within this contract.

This contract also includes replacement of concrete retaining walls on a section of River Street and at a location on High Street.

Also included in this contract is the necessary underground civil work, concrete sidewalk ramp connections and pavement markings to install new pedestrian crossover signals (PXO) at two (2) locations. Locations of the crossings are Edward Street at Isabella Street, and Neebing Avenue at Frederica Street. These intersection locations have been reviewed in accordance with the traffic and pedestrian crossover matrix in accordance with the Ontario Traffic Manual. All crossings will also remain consistent with the Level 2 Type B PXO construction standard that the City has adopted for these installations and that is recommended by the Accessibility Advisory

Committee. These pedestrian crossovers are partially funded under the Investing in Canada Infrastructure Program – Public Transit stream.

The low tenderer on this contract is RJ Concrete & Construction Ltd. They have previous experience doing this work for the City in 2017 and 2020. Administration is recommending this company as the low tenderer and capable of carrying out the work on this contract.

FINANCIAL IMPLICATION

The 2021 Capital Budget along with carry forward accounts include sufficient funding for this work. A number of the new sidewalk projects and pedestrian crossovers are eligible for the Investing in Canada Infrastructure Program (ICIP) - Public Transit stream financing that has expanded the extent of work under this year's contract.

The work in this contract falls within the available budget allocation. Some funding contributions are being provided from operation accounts and developer performance agreement.

Projected Costs	Breakdown
Contract Tender price	\$845,715.05
HST Rebate	(84,122.45)
Subtotal	\$761,592.60
Engineering	\$100,000.00
Other City labour & material	\$81,000.00
TOTAL	\$942,592.60

This contract includes a contingency allowance for work that is unforeseen and can only be expended with the approval of the General Manager of Infrastructure and Operations.

CONCLUSION

It is concluded that City Council should award Contract 2, 2021 for Sidewalk Construction – New & Replacement to RJ Concrete & Construction Ltd as the lowest qualified tender. It is recommended that all work should proceed.

BACKGROUND

A condition survey of all City sidewalks provides Administration with information to prioritize sidewalk replacements in the capital program including hollow sidewalk replacement. Some locations of hollow sidewalk replacement in 2021 have been deferred to integrate with other programs involving underground renewal.

A number of new sidewalk connections or linkages have been included within the 2021 Capital program as these locations were identified in the City's Active Transportation Plan (ATP) as missing gaps. The majority of these projects are financially supported through the City's participation in the Investing in Canada Program (ICIP).

Report 59/2016 and Report 110/2016 provide background on the legislation and implementation of Pedestrian Crossovers in the Province and in the City. New locations for pedestrian crossovers (PXO) are reviewed annually by City Administration in accordance with guidelines established by the Ontario Traffic Manual involving criteria for road type, traffic volumes and pedestrian counts. Locations on Pedestrian Priority corridors identified in the ATP are prioritized. Two (2) new locations are included this year and with financial support from the ICIP Federal funding program as they link to improved accessibility for Transit.

REFERENCE MATERIAL ATTACHED:

NONE.

PREPARED BY: Rick Harms, P. Eng., Project Engineer

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)	DATE:
Kerri Marshall, General Manager – Infrastructure & Operations	April 23, 2021

Corporate Report

DEPARTMENT/ DIVISION	Infrastructure & Operations - Environment	REPORT NO.	R 54/2021
DATE PREPARED	04/13/2021	FILE NO.	
MEETING DATE	05/03/2021 (mm/dd/yyyy)		
SUBJECT	Solid Waste Management Strategy Update		

RECOMMENDATION

For information only.

LINK TO STRATEGIC PLAN

This report directly supports the ‘Serve’ strategy of the 2019-2022 Corporate Strategic Plan: Advance service excellence through a citizen focus and best use of technology. Planned 2021 Solid Waste Strategy Objectives include a review of the potential to expand the recycling program and to commence an automated waste collection feasibility study as directed through the Program and Service Review.

EXECUTIVE SUMMARY

This report outlines the progress made implementing the Solid Waste Management Strategy (SWMS) in 2020 and identifies key planned objectives for 2021.

DISCUSSION

City Council approved the SWMS in principle back in 2014. The SWMS is a blueprint that provides strategic direction for managing residential, multi-residential and Industrial, Commercial, and Institutional (ICI) sector waste management activities. It established a practical and sustainable policy framework for solid waste management in the City of Thunder Bay over the short, medium and long-term planning periods.

As Administration continues to work towards implementing the SWMS, the following outlines the progress made in 2020 and key planned objectives for 2021:

2020 Progress

Continued Implementation of Solid Waste System Financial Plan

The Solid Waste System Financial Plan (SWSFP) continued to be followed, with the final year of transitioning costs for the Waste Diversion Program from rate supported to tax supported taking place in 2020. This also included maintaining the landfill tipping fee rate at a 3% increase.

Contract Award - Municipal Recycling Program

The City's current service provider contract for collection and processing services was set to expire on June 30, 2020. In response, a Request for Proposal (RFP) was issued, and, two responses were received for the work, which were evaluated by a committee. Administration recommended the contract be awarded to the highest scoring proposal, GFL Environmental Inc. for a period of seven years, with two, one-year renewal options.

Expanded Recyclable Plastic Collection – Municipal Recycling Program

Provisional pricing options were included in the RFP award for expanding the basket of allowable recyclable goods consistent with the recommendations of the SWMS. After evaluating the options, it was recommended including all plastic containers with codes No. 1 and 2 to the City's recycling program. The expanded collection program took effect July 1, 2020 and a multi-media advertising campaign was developed to get the message out. The addition of this material to the program was very well received by the community.

2021 Objectives

Expanded Recyclable Material Collection Analysis – Municipal Recycling Program

The municipal recycling program contract in place with GFL Environmental Inc. has provisions to allow for the potential to expand the basket of allowable recyclable goods. As per Council direction, upon award of the contract in 2020, Administration will be reporting back to Council this summer on options to expand the program. The analysis of options will take into account cost, commodity market conditions, and upcoming regulatory changes.

Food and Organic Waste Program Integration Analysis

The Province released the Food and Organic Waste Policy Statement back in 2018. The target for municipalities in Northern Ontario, like the City of Thunder Bay, is a 50 percent waste reduction and resource recovery of food and organic waste generated by single-family dwellings in urban settlement areas by 2025.

Municipalities in Northern Ontario with a local population greater than 50,000 and a population density greater than or equal to 300 persons per square kilometer shall provide curbside collection of food and organic waste to single family dwellings in an urban settlement area within the municipality. The City of Thunder Bay falls within this criteria. The SWMS also recommended the implementation of a food and organic waste recycling program.

A detailed review and analysis will be conducted to evaluate options on how best to integrate this new program into the existing solid waste management system to meet the City's obligation

under the Policy Statement. Once this review is complete, options will be presented to City Council to seek direction on next steps.

Automated Waste Collection Review

The SWMS recommends the implementation of an automated cart based system for garbage collection. Automated waste collection is considered to be a best practice in the solid waste management industry, where efficiencies can be gained in the collection of waste.

Administration anticipated starting this comprehensive review in 2020, but it was deferred due to COVID-19, and the uncertainty around the Program and Service Review. This review will now commence this year in conjunction with the food and organic waste analysis work to be undertaken. Once the automated collection review is finalized, an update will be presented to City Council to seek direction on next steps.

Provincial Regulatory Changes

On November 20, 2016, the provincial government passed Bill 151 – Waste Free Ontario Act (WFOA). On November 29, 2018 the provincial government released the Made-in-Ontario Environment Plan and on March 6, 2019 a Discussion Paper on Reducing Litter and Waste in Our Communities. Since the initial passing of the WFOA, work has been ongoing to transition the provincial waste diversion programs to the new regulatory framework, including the Blue Box Program. The Food and Organic Waste Policy Statement was also introduced during this time. Municipalities are currently waiting for both a new Blue Box Program and Household Hazardous Waste Program regulation to be finalized; anticipated to be this spring. These changes will have an impact on municipal waste management systems across Ontario in some capacity, including the City of Thunder Bay. Administration continues to remain engaged in the process and will report back to City Council as the new legislative framework evolves, including any implications on programs and funding.

Waste Reduction Trends

As Administration continues to implement components of the SWMS, positive results in overall waste reduction in the community have been realized. The table below summarizes waste reduction trends from the last five reporting years:

Waste Reduction Trends 2016-2020:

	2016	2017	2018	2019	2020
Total residential waste generated (Metric Tonnes)	47,924	46,516	46,815	46,004	48,505
Total residential waste diverted (Metric Tonnes)	11,566	11,989	12,645	12,204	12,233
% of residential solid waste diverted from landfill	24%	26%	27%	27%	25%

It should be noted that the City seen an increase in the amount of residential waste generated in 2020 as a result of Covid-19, which negatively affected our waste diversion rate.

LINK TO EARTHCARE SUSTAINABILITY PLAN

The initiatives identified support numerous actions within the Waste section of the EarthCare Sustainability Plan.

The EarthCare Objective A, Corporate Action A “Develop and implement a Solid Waste Management Strategy (SWMS) for the next 20 years”.

The EarthCare Objective A, Corporate Action B “Recover the costs of waste from those creating the waste. (Follow the Extended Producer Responsibility model for managing waste as per provincial guidelines)”

The EarthCare Objective A, Corporate Action C “Maintain and promote provincial waste minimization programs”

The EarthCare Objective E, Corporate Action A “Increase the amount of household hazardous waste diverted by maintaining and developing new programs to increase accessibility of diversion programs”

FINANCIAL IMPLICATION

The costs associated with the program development work outlined in this report are accounted for in the 2021 Solid Waste and Recycling Services Capital and Operating Budgets.

CONCLUSION

It is concluded that this report should be received for information and the objectives identified will be implemented as outlined in this report.

BACKGROUND

At the April 7, 2014 Committee of the Whole meeting, a resolution was passed relative to Report No. 2014.017 (Roads) – Solid Waste Management Strategy requesting that Administration report back to Council on an annual basis on the progress of the Solid Waste Management Strategy.

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	April 20, 2021

Corporate Report

DEPARTMENT/ DIVISION	Infrastructure & Operations	REPORT NO.	R 50/2021
DATE PREPARED	04/09/2021	FILE NO.	
MEETING DATE	05/03/2021 (mm/dd/yyyy)		
SUBJECT	Net-Zero Strategy-First Report		

RECOMMENDATION

WITH RESPECT to Report R 50/2021 (Infrastructure & Operations), we recommend that City Council endorse the Net-Zero Strategy (NZS) in principle to guide future direction and investment in climate change mitigation;

AND THAT the non-binding target to reduce greenhouse gas (GHG) emissions to net-zero by 2050 be approved by Council;

AND THAT Administration be directed to proceed with the next steps in implementing the NZS as outlined in Appendix D of the NZS (Attachment A).

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

LINK TO STRATEGIC PLAN

This report directly supports the fifth goal under the *Lead* pillar of the City of Thunder Bay's Corporate 2019-2022 Strategic Plan to "Further [previous] commitments to sustainability and climate adaptation."

EXECUTIVE SUMMARY

The Net-Zero Strategy (NZS) is a proactive community-wide plan that addresses energy use, emissions production, and climate change issues and opportunities in Thunder Bay in order to: improve energy efficiency, reduce energy consumption and greenhouse gas (GHG) emissions, foster renewable energy production, support and guide economic development, capture funding opportunities, and participate in climate action.

The value of the NZS is three-fold: it outlines a clear, technically feasible, pathway to achieve the City's climate goals; presents an opportunity to establish Thunder Bay as a national leader in the race to net-zero; and supports investment in a low-carbon economy thereby setting Thunder Bay on a path to "build back better" post COVID-19.

DISCUSSION

Increased greenhouse gas (GHG) emissions, both from natural sources and human activities, result in increased global temperatures. An increase in the annual mean temperature has already been observed in Thunder Bay and additional warming is unavoidable in this Century. Over the period of 1948-2016, the annual mean temperature in Ontario increased by 1.3°C. This is projected to increase by an additional 1.5°C to 2.3°C by 2050.

Rising annual global temperatures increase the likelihood of widespread local impacts and disruptions. Thunder Bay is already experiencing the consequences of climate change through the increasing severity of precipitation, snow, ice storms and wind events, greater temperature fluctuations and extremes, and the growing presence of vector-borne diseases.

Responding to the threat of climate change requires targeted efforts to reduce GHG emissions at local, provincial, national, and global levels. According to the Federation of Canadian Municipalities, municipalities have direct or indirect control over approximately 50% of GHG emissions in Canada. As such, municipalities are well positioned to respond to the climate crisis and stand out as climate action leaders.

Recognizing the need for urgent action, the City of Thunder Bay declared a climate emergency on January 13, 2020, for the purposes of naming, framing, and deepening our commitment to protecting our economy, our ecosystems, and our community from climate change. The Net-Zero Strategy (NZS; Attachment A) builds upon this declaration and outlines a path to respond to the climate emergency and meet the City's climate goals.

Target Setting

The NZS sets a long-term community GHG emissions reduction target of net-zero by 2050. This target aligns with the recommendations put forward by the Intergovernmental Panel on Climate Change (IPCC) to limit global temperature increases to 1.5°C above pre-industrial levels. The net-zero target also aligns with the national target set by Canada and the accompanying Canadian Net-Zero Emissions Accountability Act introduced in Parliament on November 19, 2020. Once finalized, the Act will establish a legally binding process to set 5-year national targets and emissions-reduction plans to meet the ultimate goal of net-zero by 2050.

Plan Development and Engagement

The NZS builds on the six years of implementation of the EarthCare Sustainability Plan (2014-2020) and provides a renewed focus on the community-wide efforts required to reduce energy consumption and GHG emissions in Thunder Bay. The NZS complements the City of Thunder Bay Climate Adaptation Strategy. Together, these strategic documents form a robust climate action plan for the City by accelerating efforts to mitigate and adapt to climate change.

The planning process followed a multi-step approach outlined by the Ontario Ministry of Energy, Northern Development, and Mines. This approach condensed the process into three main phases which were adopted as a framework for guiding the development of the NZS:

1. Stakeholder engagement
2. Baseline energy study and energy mapping
3. Community Energy and Emissions Plan development

The NZS was developed with critical input from a committed and informed multi-stakeholder advisory group, staff from across the City, and members of the broader community. Due to Covid-19, all project-related engagement had to be redesigned in March, 2020 to become 100% virtual. An engagement summary is included in Part 2. Setting the Stage (Attachment A).

The Net-Zero Pathway

By aligning energy, emissions, land-use, and financial modelling, the NZS presents a technically feasible “net-zero pathway” designed to meet the target of community-wide net-zero emissions by 2050. The net-zero pathway is organized into the following framework:

1. Community Vision: To achieve net-zero GHG emissions by 2050.
2. Focus Areas: These outline the sectors and categories in Thunder Bay where climate change interventions need to occur (i.e., land use and natural areas; energy efficiency in buildings and industry; renewable energy generation and procurement; transport; and water and waste).
3. Objectives: The overall community based objective(s) for the respective focus area.
4. Sector-Specific Targets: Within each focus area, there are strategic outcomes required to achieve net-zero emissions (i.e. 100% emissions-free transit).
5. Recommended Near-Term Tactics (2021-2025): These are the recommended near-term tactics, or strategies, for the City and community to explore to kick-start action in Thunder Bay. They reflect community input as well as necessary actions to enable net-zero emissions by 2050.

A comprehensive breakdown of the net-zero pathway is included in Part 3. From Business-as-Planned to Net-Zero (Attachment A).

Financial Analysis

Investing in the actions outlined in the NZS presents an opportunity to strengthen Thunder Bay’s economy post COVID-19. The high-level financial analysis reveals that NZS implementation requires significant upfront shared investments by the City, public and non-profit institutions, the private sector, and residents. However, operations and maintenance savings, fuel and electricity savings, and avoided costs of carbon far outweigh the cost of investment thereby creating significant economic value for the community over the long-term.

Approximately \$5.1 billion of total incremental capital investment will be needed from 2020-2050. Financial modelling projects a positive return on investment of about \$1.7 billion dollars in net present value from 2020-2089. A financial summary is included in Part 4. Financial Impacts and related appendices (Attachment A).

Implementation

The NZS is a long-term initiative that will require participation and engagement across all City departments as well as collaboration amongst community stakeholders. A non-exhaustive framework of the roles and responsibilities of the City, private sector, residents, and other levels of government is provided in Part 5. From Planning to Implementation (Attachment A).

A five-year implementation framework was developed to provide a set of near-term actions for the Corporation that lay the groundwork for accomplishing the overarching long-term objectives in the NZS (APPENDIX D. Near-Term (2021-2025) Implementation Action Tables for the Corporation of the City of Thunder Bay). It is proposed that Administration engage community stakeholders to help develop implementation strategies for the community and prioritize future work.

In 2021, the Sustainability Coordinator will work as the coordinator of the City's NZS actions and utilize the existing EarthCare Working Group structure to monitor and report on the community's progress of implementing the NZS. It is important to note that a plan of this scale and scope will require ongoing dedicated resources for successful implementation. Administration is actively seeking out funding opportunities to resource this work.

It is proposed that Administration develop an annual Action Plan outlining the City's priority actions for each calendar year. The Action Plan should align with the budget cycle. Administration will report on the outcomes of the proposed Action Plan annually.

Monitoring and Evaluation

A five-year monitoring and evaluation cycle is proposed to guide future monitoring and evaluation activities as well as regular updates to the NZS. The NZS's model and implementation framework are based on a set of assumptions that will require periodic re-validation as actions are implemented. A five-year monitoring and evaluation cycle will reduce the levels of uncertainty in the modelling and ensure that the NZS remains accurate and up-to-date in the face of policy changes and technological developments.

The NZS and future updates will be communicated and promoted through City, EarthCare, and partner communication channels. The NZS will be available for download as a PDF on the City's EarthCare website.

LINK TO EARTHCARE SUSTAINABILITY PLAN

This Report addresses the following action outlined in the EarthCare Sustainability Plan (2014-2020): Develop a long range energy plan for the community (Energy: A.a; p. 12).

FINANCIAL IMPLICATION

There are no immediate financial implications associated with the NZS. However, the NZS will require the City to maintain dedicated full time resources for its successful implementation.

Future financial implications would be forecasted through the administrative review process and brought forward to Council for approval as required through the annual budget process.

CONCLUSION

It is concluded that the draft Net-Zero Strategy (Attachment A) be received at the May 3, 2021 Committee of the Whole meeting and distributed to the public for information and that the recommendation included in this report return to Committee of the Whole on June 7, 2021 for approval.

BACKGROUND

The EarthCare Sustainability Plan (2014-2020) set a corporate and community GHG emissions reduction target of 20% below 2009 levels by 2020. Steady progress has helped to achieve a 26% decrease in corporate GHG emissions from the baseline year of 2009. However, similar reductions have not been realized for the community. In 2016, community-wide emissions were 22% higher than 2009 levels, highlighting a need for a renewed approach for tackling community-wide emissions.

In 2019, the City of Thunder Bay received funding from the Federation of Canadian Municipalities – Municipalities for Climate Innovation Program (\$125,000) and the Ontario Ministry of Energy, Northern Development and Mines – Municipal Energy Plan Program (\$89,500) for the creation of a community energy plan. With respect to Report No. R 88/2019 (Infrastructure and Operations), City Council approved the receipt and expenditure of funding to carry out the NZS (formerly the Community Energy and Emissions Plan).

Sustainability Solutions Group (SSG), a workers co-operative focused on state-of-the-art community energy planning, climate action planning, and climate change adaptation projects, was awarded the contract to act as the lead consultant on the development of the NZS in August, 2019 through the RFP process (RFP 2019/56). SSG engaged Arbora Management Services to assist in local engagement and workshop delivery for the NZS process.

REFERENCE MATERIAL ATTACHED:

Attachment A: Climate-Forward City: Thunder Bay Net-Zero Strategy (Distributed separately)

PREPARED BY: Summer Stevenson, A/ Sustainability Coordinator

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)	DATE:
Kerri Marshall, General Manager – Infrastructure & Operations	April 20, 2021

MEMORANDUM

TO: Krista Power, City Clerk

FROM: Summer Stevenson, A/ Sustainability Coordinator

DATE: April 16, 2021

RE: *Net-Zero Strategy – First Report, R 50/2021
Request to Present Information – May 3, 2021, COW Meeting*

We respectfully request an opportunity to provide a presentation relevant to Corporate Report 50/2021, Net-Zero Strategy – First Report, at the Committee of the Whole meeting on Monday, May 3, 2021.

Kerri Marshall, GM – Infrastructure and Operations, will introduce the presentation.

The presenters will be:

- Terry Sidhu – Sustainability Solutions Group
- Kyra Bell-Pasht – Sustainability Solutions Group
- Ralph Torrie – Sustainability Solutions Group

Summer Stevenson, A/ Sustainability Coordinator, will be available for questions.

Sincerely,



Summer Stevenson
A/ Sustainability Coordinator
EarthCare Thunder Bay

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

MEETING DATE 05/03/2021 (mm/dd/yyyy)

SUBJECT Receive Report R 50/2021 as a First Report

SUMMARY

Recommendation to receive Report No. R 50/2021 as a First Report.

RECOMMENDATION

WITH RESPECT to Report R 50/2021 (Infrastructure & Operations), we recommend that the Report be received;

AND THAT Report R 50/2021 (Infrastructure & Operations) be presented at the June 7, 2021 Committee of the Whole meeting for consideration.

MEETING DATE 05/03/2021 (mm/dd/yyyy)

SUBJECT Ontario Bill 197 – Development Approval for Landfills

SUMMARY

Memorandum from Councillor B. McKinnon, Chair – Inter-Governmental Affairs Committee dated March 15, 2021, containing a motion relative to the above noted.

RECOMMENDATION

WITH RESPECT to the Memorandum from Councillor Brian McKinnon, Chair – Inter-Governmental Affairs Committee dated March 15, 2021, we recommend that City Council advocate to the Government of Ontario (Ministry of the Environment, Conservation and Parks (MOECP) to amend Bill 197, COVID-19 Economic Recovery Act, 2020, to eliminate the development approval requirement provisions from adjacent municipalities and that the ‘host’ municipality be empowered to render final approval for landfills within their jurisdiction;

AND THAT a copy of this motion be forwarded to Premier Doug Ford, Jeff Yurek the Minister of Environment, Conservation and Parks, Steve Clark the Minister of Municipal Affairs and Housing, local MPP's., the Association of Ontario Municipalities (AMO) and Ontario's Big City Mayors.

ATTACHMENTS

1 B McKinnon memo dated March 15 2021

Memorandum

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

TO: Krista Power, City Clerk

FROM: Brian McKinnon, Chair – Inter-Governmental Affairs Committee

DATE: March 15, 2021

SUBJECT: Ontario Bill 197 – Development Approval for Landfills
Committee of the Whole – May 3, 2021

On July 21, 2020, Bill 197, COVID-19 Economic Recovery Act, 2020 received Royal Assent. Schedule 6 to Bill 197 adds a new section (6.01) to the Environmental Assessment Act (EAA). Section 6.01 requires all landfill proponents to obtain municipal support for the establishment of a landfill. The requirement to obtain “municipal support” applies not only to each local municipality in which the landfilling site will be situated but also to adjacent municipalities, where an adjacent municipality has allowed residential land use within 3.5 km of the proposed landfilling site.

Upper tier municipalities (who have been given jurisdiction over waste management by the Municipal Act or other provincial legislation) which are in support of the establishment of a landfilling site, are still required to obtain municipal support from any other municipality that is within 3.5 km of the proposed landfilling site.

- These amendments allow lower tier municipalities to determine whether a landfilling site can be established in an adjacent upper tier municipality, even if the host municipality is in support of the landfilling site.
- Bill 197 does not address a situation where, as a result of an election, or as a result of a change of mind by Council, a local municipality which had previously passed a resolution in support of the establishment of a landfilling site, subsequently passes a resolution withdrawing that support. This further heightens the risk to a proponent seeking to establish a landfilling site.
- Bill 197 removes local decision-making powers from municipalities and puts it the hands of their neighbours, who often have different waste disposal challenges and responsibilities.
- Bill 197 sets a dangerous precedent by now giving neighbouring municipalities (regardless of population size) decision-making powers over what kinds of commercial enterprises can operate in other communities.

At the March 8, 2021 meeting, it was the consensus of the Committee to request that Council support a resolution relative to the above.

WITH RESPECT to the Memorandum from Councillor Brian McKinnon, Chair – Inter-Governmental Affairs Committee dated March 15, 2021, we recommend that City Council advocate to the Government of Ontario (Ministry of the Environment, Conservation and Parks (MOECP) to amend Bill 197, COVID-19 Economic Recovery Act, 2020, to eliminate the development approval requirement provisions from adjacent municipalities and that the ‘host’ municipality be empowered to render final approval for landfills within their jurisdiction;

AND THAT a copy of this motion be forwarded to Premier Doug Ford, Jeff Yurek the Minister of Environment, Conservation and Parks, Steve Clark the Minister of Municipal Affairs and Housing, local MPP's., the Association of Ontario Municipalities (AMO) and Ontario’s Big City Mayors.

MEETING DATE 05/03/2021 (mm/dd/yyyy)

SUBJECT Removal of Traffic Signals – Administration Update

SUMMARY

At the March 1, 2021 Committee of the Whole meeting, a resolution was passed directing Administration to proceed with the process set out in the Removal of Existing Traffic Signals Policy No. 11-02-07 to inform the public of the City's interest in removing the traffic signals at the intersections of Frederica Street/Brown Street and Donald Street/Vickers Street.

Memorandum from Mr. D. Binch, Traffic Technologist dated April 22, 2021 providing an update relative to the above noted, for information.

ATTACHMENTS

1 D Binch memo dated April 22 2021

MEMORANDUM

TO: Krista Power, City Clerk

FROM: David Binch, Traffic Technologist – Engineering and Operations

DATE: April 22, 2021

RE: Removal of Traffic Signals – Administration Update
Committee of the Whole – May 3, 2021

Following City Council's approval of Corporate Report 13/2021 "Removal of Traffic Signals" Committee of the Whole March 1, 2021. Engineering and Operations initiated the process to obtain public input on the recommended traffic signal removals at Frederica St/Brown St and Vickers St/Donald St to assist Council in evaluating community opinion. Notice of the City's intention to remove the traffic signals has been posted in the daily newspaper circulation on two occasions inviting public comment within 30 days of posting.

The notices of invited public input were advertised in the Chronicle Journal on March 5th and 6th as well as the 12th and 13th. Engineering and Operations responded to all comments and discussed concerns with the public.

Engineering and Operations received one phone call concerning the signals at Donald St and Vickers St. The complainant cited maintaining a controlled crossing signal for pedestrians as a reason to retain the signals. The McKellar Ward Councillor reports no calls regarding the future of the traffic signals in this location.

Engineering and Operations received two phone calls and two emails concerning the signals at Brown St and Frederica St. One opposed resident cited concerns that the removal of the Brown St and Frederica St traffic signals would reflect negatively on the area as they maintain a "community environment" and that the signals should remain for that reason. The other respondents were agreeable that the signals are not warranted and requested that a four-way stop be installed in its place. The Westfort Ward Councillor reports that she heard from five residents communicating their support for the removals while two are opposed.

The traffic signal removal policy procedure also allows for a public meeting consultation with area affected residents if community opinion warrants further discussion. Due to the limited number of area residents expressing concern for the proposed traffic signal removals, Administration has not deemed a community consultation necessary to address concerns.

After considering public comments, Engineering and Operations continues to recommend that these signals be removed and will present an amendment to the Traffic By-law at a future City Council meeting to remove the traffic signal designation for the locations of Brown St at Frederica St and Donald St at Vickers St. Engineering will proceed with the decommissioning of the traffic signals this summer and replacement with four-way stop control.

MEETING DATE 05/03/2021 (mm/dd/yyyy)

SUBJECT Consultation - Municipal Act

SUMMARY

Memorandum from Ms. K. Power, City Clerk dated April 19, 2021 relative to the above noted, for information.

ATTACHMENTS

1 K Power memo dated April 19 2021

Memorandum

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

TO: Mayor & Council

FROM: Krista Power, City Clerk

DATE: April 19, 2021

SUBJECT: Consultation - *Municipal Act*, 2001
Committee of the Whole – May 3, 2021

On March 5, 2021, the province of Ontario announced it would be launching consultations relative to the *Municipal Act*, 2001 with respect to accountability and transparency. The consultation will take place with the municipal sector and include the public. The purpose is to strengthen accountability for council members. According to information received from the Ministry of Municipal Affairs and Housing “the province wants to ensure councillors and heads of council maintain a safe and respectful workplace and carry out their duties as elected officials ethically and responsibly.”

The consultations with the municipal sector will help the province determine:

- what changes or mechanisms are needed to better hold council members accountable for municipal code of conduct violations;
- how to more effectively enforce these codes;
- whether a broader range of penalties for violations of the codes of conduct are needed.

Ontario received early recommendations from the Association of Municipalities of Ontario (AMO) on how to improve the structure for accountability for municipal councils. AMO’s recommendations addressed the following:

- additional financial penalties;
- suspension for certain violations;
- removal from office in certain circumstances, and;
- training and standards for integrity commissioners.

Part of the consultation will include an opportunity to provide feedback on the recommendations noted above.

Jill Dunlop, the Associate Minister of Children and Women’s Issues will be leading the roundtables.

The Ministry of Municipal Affairs and Housing advised via email that “work has already begun with municipal partners to identify members of council, municipal associations as well as

municipal staff to participate in the round tables being led by Associate Minister Dunlop and that the ministry has reached out to NOMA about possible availability to meet with the associate minister.”

On April 14, 2021, the province launched a 90-day consultation within an online survey. The online survey is available until July 15, 2021.

link: [Consultation: Strengthening accountability for municipal council members | Ontario.ca](https://www.ontario.ca/page/consultation-strengthening-accountability-municipal-council-members)

City Council has several opportunities to be involved, firstly through AMO, secondly through the online consultation survey as individuals and lastly as a group either through review of the survey. Council may also choose to refer this matter to the Intergovernmental Affairs Committee or to a Non-Business Meeting for further review. It is recommended by the Ministry of Municipal Affairs and Housing that should municipal councils want to bring forward a position relative to the consultation that a resolution of Council be included in the submission.

C.C. Norm Gale, City Manager