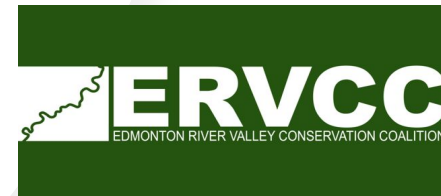


# Private Tree Protection: More, Now

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Edmonton River Valley Conservation Coalition

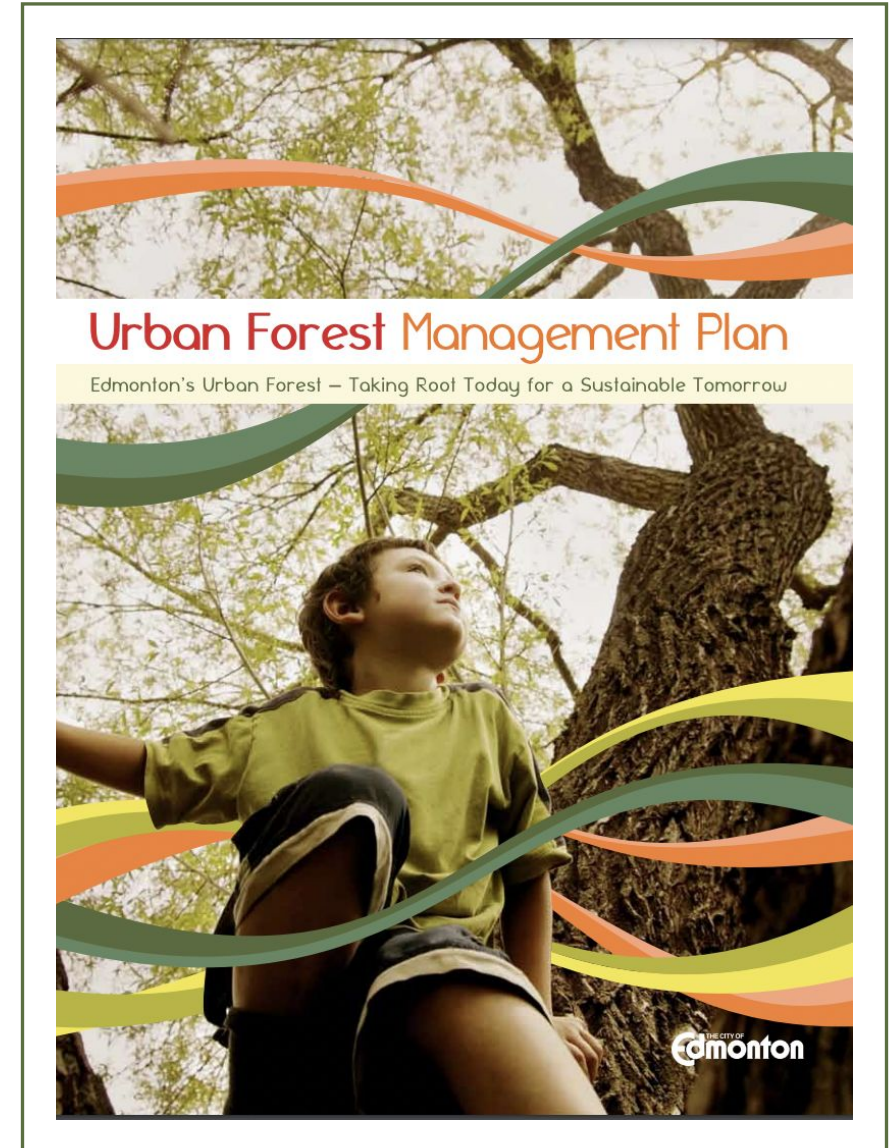


# Recommendations

1. A more appropriate canopy goal.
2. Private tree bylaw information. Today's report is responding to two motions, including:
  - “That Administration...explore opportunities on private land to continue the advancement of achieving the City's tree canopy goals, **including and not limited to enhanced tree retention incentivization**” (Oct. 2023).
3. Indigenous engagement.



- “Edmonton’s trees represent an irreplaceable asset.”
- “Unlike other municipal infrastructure, trees increase in value over time.”
- “The urban forest...makes a quantifiable contribution to the long-term livability of our city.”



# Trees...

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- provide shade
- reduce energy use
- sequester carbon
- regulate temperatures
- clean the air
- reduce stormwater runoff
- mitigate drought and flooding
- support biodiversity
- contribute to our physical and mental health
- beautify our city

We can't afford *not* to protect them.

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## Urban Tree Canopy Expansion

This project is part of the City's commitment to climate change resilience, as we plant 2 million new trees by 2050.

Toronto, Montreal, Ottawa, and Victoria: current canopy: 25%; goal: 40% by 2050.

Edmonton: current canopy: 13%; goal: 20% by 2071.

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**At least 40% canopy coverage is needed to achieve the maximum cooling effect of trees in offsetting the urban heat island effect at the scale of a typical city block, according to this University of Wisconsin-Madison study. To counteract higher temperatures associated with impervious surfaces, canopy cover was most important during the day, while reducing impervious surface area was determined to be important for lowering nighttime temperatures.**

Ziter, Carly D., Eric J. Pedersen, Christopher J. Kucharik, and Monica G. Turner. "Scale-Dependent Interactions between Tree Canopy Cover and Impervious Surfaces Reduce Daytime Urban Heat during Summer." *Proceedings of the National Academy of Sciences* 116, no. 15 (2019): 7575-80. <https://doi.org/10.1073/pnas.1817561116>

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**According to a review of studies on park size and urban cooling effect, large urban parks with an area of**

Grist

# Leaving trees alone might be better than planting new ones

Newer isn't always better -- at least, not when it comes to sequestering carbon.



*Tim Graham / Contributor / Getty Images*

# Trees in Toronto

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Request the pruning or removal of a City tree.

Create a Service  
Request

Trees work hard. They absorb water, clean the air, provide shade, reduce erosion, flooding and wind tunnels, and decrease heating and cooling costs. Maintenance is important for the health of trees. Learn about managing trees on your property and how to get a [Permit to Injure or Remove Trees](#).





#SOHIFORMAYOR



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# EMBRACING OUR NATURAL ENVIRONMENT

AUGUST 11, 2021

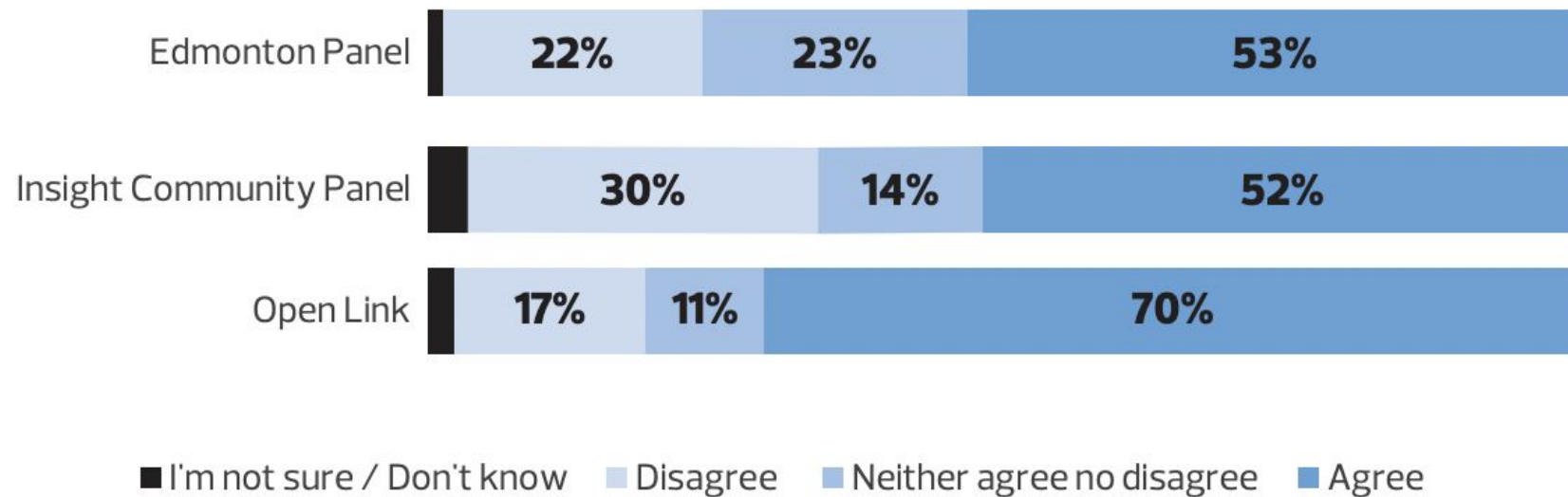
From the time when I first moved to Edmonton, I have enjoyed the abundant parks and green spaces available to all Edmontonians.

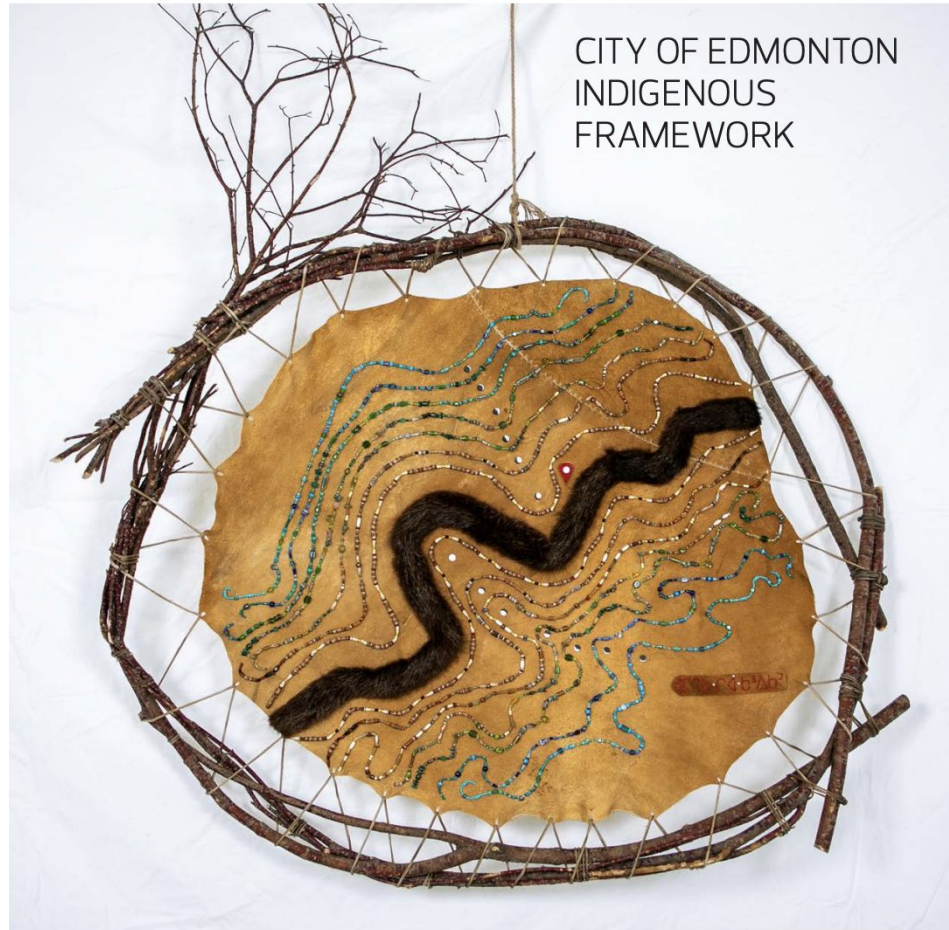
Today, our biodiversity is in crisis. I believe preserving, restoring, and enhancing our natural environment is essential to build the Edmonton we want. The natural environments in our city are not just beautiful; they are essential to our health, well-being and competitive advantage and we must take action to protect them.

# Edmontonians support a private tree bylaw

## 3. How much do you agree or disagree that the City should pass bylaws to protect trees on private property?

A small majority of respondents agree that the City should pass bylaws to protect trees on private property.





CITY OF EDMONTON  
INDIGENOUS  
FRAMEWORK

Artist: MJ Belcourt



 **Seven  
Commitments**

Each City of Edmonton Department will be responsible for creating and implementing an action plan detailing how it will fulfill each of the following corporate-wide commitments:

1. Support the journey of Reconciliation by applying the Truth and Reconciliation Calls to Action, the Missing and Murdered Indigenous Women and Girls Calls for Justice and the United Nations Declaration on the Rights of Indigenous Peoples as a foundation for the Indigenous Framework.
2. In partnership with organizations, businesses, academic institutions, other orders of government, and individual citizens, eliminate the systemic racism and discrimination that Indigenous Peoples face in Edmonton.
3. Identify and implement ways to make City spaces and buildings welcoming and safe for Indigenous Peoples and ensure they can see themselves reflected in the City's spaces and places.
4. Support all City staff to build relationships that honour the framework's four roles within their interactions with Indigenous Peoples and increase staff's knowledge of Indigenous cultures, traditions, and worldviews through education and learning opportunities.
5. Host and participate in events where the City of Edmonton, including Council, senior leadership and all levels of administration, and Indigenous Peoples can build relationships, and celebrate our journey together.
6. Identify and remove the systemic barriers that exist for Indigenous people in gaining employment with the City of Edmonton and create career development opportunities for Indigenous employees.
7. Ensure Indigenous Peoples and City staff are informed and engaged, when appropriate, on actions the City of Edmonton takes in relation to the Indigenous Framework.



“The truth is that high urban density and abundant housing are entirely compatible with a lush tree canopy. And not just with creating one from scratch. We can and should retain existing trees that are valuable in terms of the ecosystem services they provide: shade, beauty, clean air, erosion control, birdsong.”

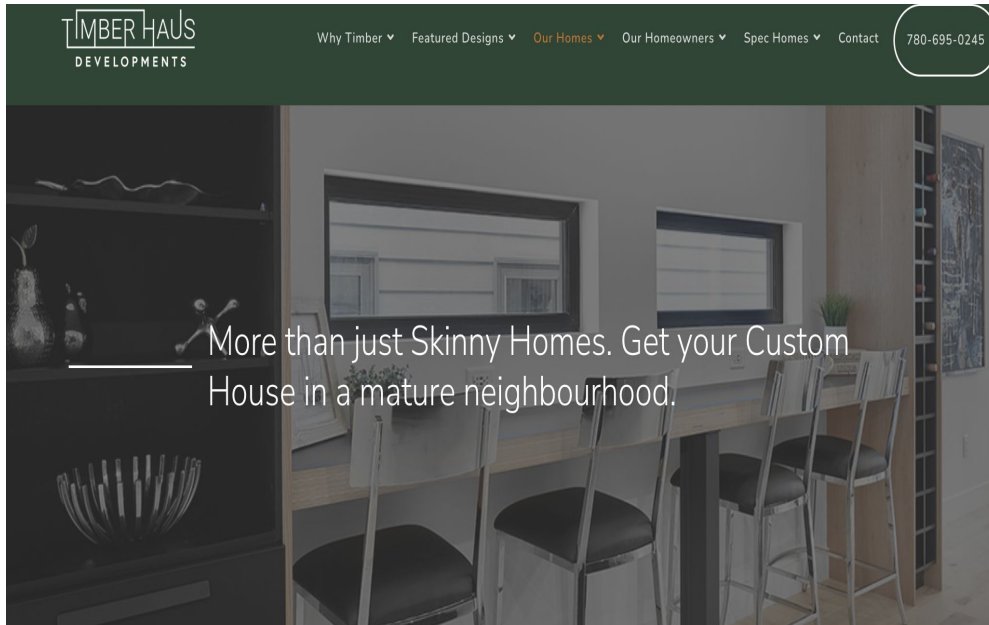
## There is Unrest in the Urban Forest

Daniel Herriges · January 12, 2022



*The live oak by the author's house. There was no good angle to capture its sheer scale, but rest assured—it's enormous. (Source: Author.)*

# Mature trees benefit neighbourhoods + developers



## Infill Home Builders in Edmonton

You need to find the right team when choosing an Infill home builder in Edmonton to help you develop the home of your dreams. Timber Haus is here to take you from the initial design to handing you the keys – all while keeping the process fun and stress-free. From the design phase to your possession day, you will be blown away by our professionalism, customer service and attention to detail.

## Edmonton's Top Rated Infill Home Builder

Building a home in a mature neighbourhood has many incredible benefits!

- ✓ Close access to amenities
- ✓ Mature trees and green spaces
- ✓ Revitalize older neighbourhoods
- ✓ Environmentally conscious
- ✓ Choose your neighbourhood
- ✓ Financial Incentives
- ✓ Shorter Commute