



City of Hamilton

SPECIAL CITY COUNCIL REVISED

21-022

Friday, November 19, 2021, 3:00 P.M.

Due to the COVID-19 and the Closure of City Hall (CC)

All electronic meetings can be viewed at:

City's Website: <https://www.hamilton.ca/council-committee/council-committee-meetings/meetings-and-agendas>

City's YouTube Channel: <https://www.youtube.com/user/InsideCityofHamilton> or Cable 14

Call to Order

1. APPROVAL OF AGENDA

(Added Items, if applicable, will be noted with *)

2. DECLARATIONS OF INTEREST

3. COMMUNICATIONS

*3.1. Correspondence respecting GRIDS 2, the Municipal Comprehensive Review and Land Needs Assessment:

*3.1.a. Craig Burley

*3.1.b. Don McLean

*3.1.c. James Crowe

- *3.1.d. Jonathan Haggerty
- *3.1.e. Kaylynn Nicholls
- *3.1.f. Mitchell Richmond
- *3.1.g. Sarah Robinson
- *3.1.h. Simone Blain
- *3.1.i. Tracy Trofimencoff
- *3.1.j. Michael Piersanti
- *3.1.k. Alexander Kehn
- *3.1.l. Carolyn Heijm
- *3.1.m. David Zalepa
- *3.1.n. Debra Hartman
- *3.1.o. Derek Wilson
- *3.1.p. Emily Stanek
- *3.1.q. Joanne Turnell
- *3.1.r. Katie Docherty
- *3.1.s. Ken MacDonald
- *3.1.t. Kerry Arnett
- *3.1.u. Kevin Postma
- *3.1.v. Lenoir Jennifer
- *3.1.w. Lisa Wong
- *3.1.x. Nancy Hurst
- *3.1.y. Paula Grove
- *3.1.z. Rachel Weverink

- *3.1.aa. Rocco Baviera
- *3.1.ab. Sandra Shurly
- *3.1.ac. Robert P. Stovel, Stovel and Associates Inc.
- *3.1.ad. Wendy Leigh-Bell
- *3.1.ae. William Farkas
- *3.1.af. Wendy Passmore
- *3.1.ag. Adrian Duyzer
- *3.1.ah. Nancy Hurst

Recommendation: Be received and referred to the consideration of General Issues Committee Report 21-023.

4. COMMITTEE REPORTS

- 4.1. General Issues Committee Report 21-023 - November 9 and 19, 2021 (To be distributed)

5. BY-LAWS AND CONFIRMING BY-LAW

- 5.1. 213

To Confirm the Proceedings of City Council

6. ADJOURNMENT

Pilon, Janet

Subject: Smart Prosperity Institute - "The Cost of Sprawl"

From: Craig Burley

Sent: Tuesday, November 9, 2021 8:44 PM

To: Office of the Mayor <Officeofthe.Mayor@hamilton.ca>; Wilson, Maureen <Maureen.Wilson@hamilton.ca>; Farr, Jason <Jason.Farr@hamilton.ca>; Nann, Nrinder <Nrinder.Nann@hamilton.ca>; Merulla, Sam <Sam.Merulla@hamilton.ca>; Collins, Chad <chad.collins@hamilton.ca>; Jackson, Tom <Tom.Jackson@hamilton.ca>; Pauls, Esther <Esther.Pauls@hamilton.ca>; Ward 8 Office <ward8@hamilton.ca>; Clark, Brad <Brad.Clark@hamilton.ca>; Pearson, Maria <Maria.Pearson@hamilton.ca>; Johnson, Brenda <Brenda.Johnson@hamilton.ca>; Ferguson, Lloyd <Lloyd.Ferguson@hamilton.ca>; VanderBeek, Arlene <Arlene.VanderBeek@hamilton.ca>; Whitehead, Terry <Terry.Whitehead@hamilton.ca>; Partridge, Judi <Judi.Partridge@hamilton.ca>; clerk@hamilton.ca

Subject: Smart Prosperity Institute - "The Cost of Sprawl"

(Dear Clerk, please place this including attachment on the agenda as correspondence for the rescheduled meeting, we may as well get it all on the record)

Hello Councillors and Mayor,

Thank you all so much for maintaining quorum for so long today, and engaging so well with so many presenting. This unprecedented public embrace of your policymaking process you all should be very proud of, and I want to say thanks for making sure this could happen. It is important, and you deserve credit.

The report that Dr. Mike Moffatt referred to me for all of you, on the question of expanded urban footprint, is this, "The Cost of Sprawl", written in 2013 but more urgent now as climate challenges cut much deeper with continued inaction:

https://institute.smartprosperity.ca/sites/default/files/sp_suburbansprawl_oct2013_opt.pdf

I also attached a PDF of the report. Mike sends his regards. One thing that we discussed was how other municipalities have engaged this brinksmanship and threats (not well, and in my perception mostly not as well as Hamilton has so far). He's been following Ottawa and London closely and we shared observations.

Phil Pothen, who made such an interesting policy presentation earlier, mentioned two things to me that I didn't have time to mention but which I am going to mention now, since deliberations will last some time longer.

(1) It's misleading to suggest as some developer representatives have that the Yellow Belt was considered and rejected. That's completely untrue. It was just ignored. Its all in the December "Residential Intensification Supply Update" which does not assign any units to the typical single-detached lots that make up the yellow belt. That's demonstrated by the fact it isn't just a LOW number of new singles and semi- units assigned to existing single detached standard lots. There's NONE expressly identified. (<https://www.hamilton.ca/sites/default/files/media/browser/2020-11-16/lna-ped17010h-staffreport-appendixd-1.pdf>)

(2) It is NOT true that "white belt" lands were earmarked as reserve supply for outward expansion. It's actually contested countryside, where it was NOT decided then that the land would EVER be developed.

Thanks so much again.

Craig Burley Barrister
& Solicitor

SUBURBAN SPRAWL: EXPOSING HIDDEN COSTS, IDENTIFYING INNOVATIONS



- ©CanStock Photo Inc /iofoto

BY: DAVID THOMPSON

SP

Sustainable
Prosperity

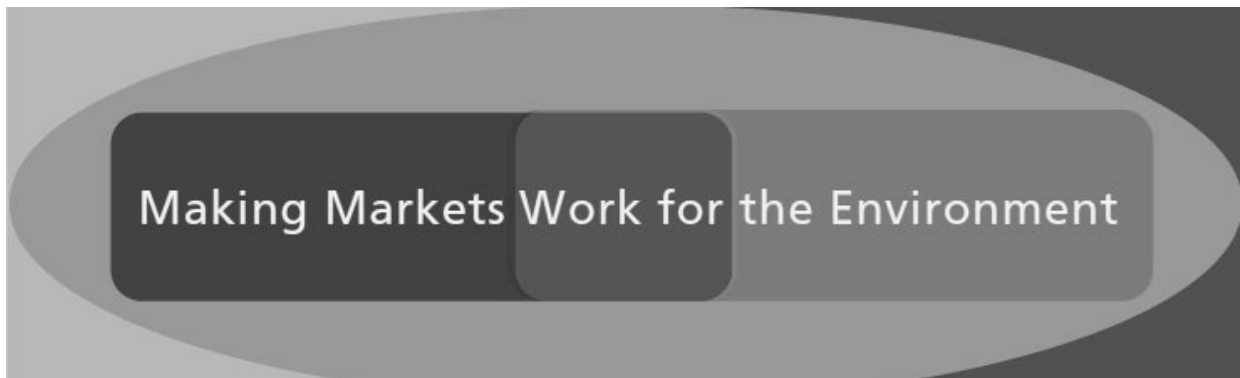
Sustainable Communities



AUTHOR David Thompson¹

ACKNOWLEDGEMENTS

The author thanks: Andrew Bevan for a warm and productive collaboration that led to the establishment of the Sustainable Communities program and the initiation of this report; anonymous interviewees from the property development industry, municipal government, academia and the non-profit sector for giving freely of their time and insights; Stephanie Cairns and Mike Wilson for many exchanges of ideas and for helping to steer this report through reviews; Dana Krechowicz, Brittany Richardson and Barbara Hayes for steering it through production; Allison Thompson for skilful research under tight timelines; Dana Krechowicz, Stephanie Cairns, Alexander Wood, Pamela Blais, Noel Keough, David Amborski, Alex Long and Michael Cleland for very helpful reviews of drafts; Karen Sherlock for careful and accurate copy-editing; Brittany Richardson for professional design and layout; Jack Dylan for the infographic design; and Jennifer Wesanko for the communications strategy for the report's release. The author takes full responsibility for the content.



Sustainable Prosperity is a national research and policy network, based at the University of Ottawa. SP focuses on market-based approaches to build a stronger, greener, more competitive economy. It brings together business, policy and academic leaders to help innovative ideas inform policy development.

SUBURBAN SPRAWL:

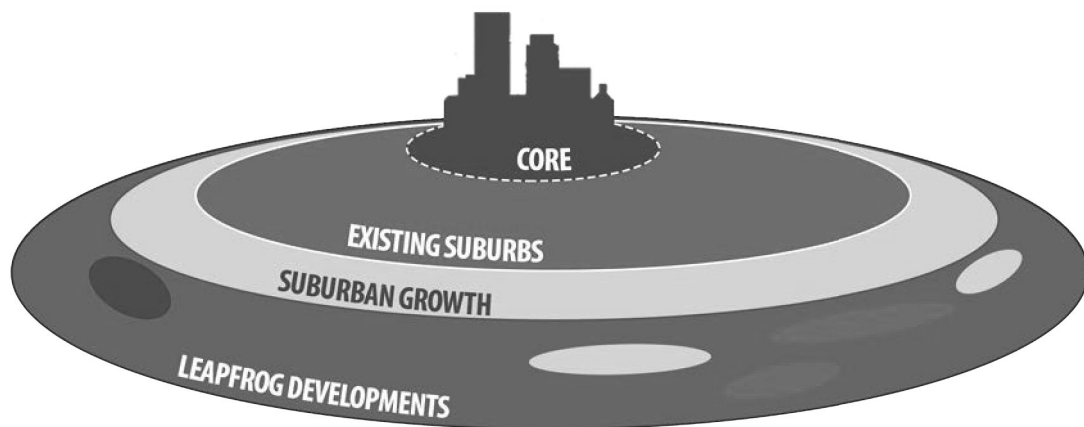
EXPOSING HIDDEN COSTS, IDENTIFYING INNOVATIONS

EXECUTIVE SUMMARY

For thousands of years, cities and towns were built at a human scale. Even large cities were walkable. Then, within the span of two lifetimes, cities and towns were completely transformed. Instead of being built for people, they were being built for automobiles. They sprawled.

Sprawl has a number of characteristics: low density of development per hectare; rigorously separated uses (e.g., long distances between housing and retail); “leapfrogging” past existing areas of build-up, leaving undeveloped gaps; and/or dependency on the automobile. Most of all, sprawl is characterized by development on previously agricultural or natural “greenfield” sites.

Sprawling, suburb-dominated municipalities are now common worldwide – and predominant in North America. While 81% of Canadians now live in urban areas, half of metropolitan residents are in the suburbs, and suburbs are growing 160% faster than city centres. Although sprawl is common, it is still in the experimental stage, and we don’t know how this experiment will work out. The signs suggest we will need to be more aware of the hidden costs and consider innovative ways to create denser urban form.



CAUSES

Why have the suburbs grown so fast? Much of the literature places the blame on municipal plans and zoning rules. However, while such plans and rules allow for sprawl and even shape it, they don’t require it. There is however a *demand* for sprawl; people and firms have been choosing the suburbs without considering some of the other costs. Why is that?

A key factor is price: it’s cheaper to buy a house in the suburbs. In a 2012 survey, 79% of Toronto-area residents said prices influenced their choice of location; the survey concluded that housing affordability, not personal preference, may be driving homebuyers to the suburbs. Likewise, for firms that have a choice of location, the suburbs are generally cheaper.

Prices are lower in sprawling areas for a number of reasons. Distance from city amenities is one reason, but it is not the only one. Markets don’t exist in a vacuum; they exist in a framework of government policy and law, and are heavily influenced by it. For example, several decades of government spending on major free-to-use highway systems has enabled daily long-distance commuting. Furthermore, the ongoing policy failure to address the other costs of road use (such as illness, injuries and climate change) subsidizes and perpetuates automobile use and suppresses the price of transportation to and from suburban locations.

Most significantly, undercharging developers for necessary infrastructure and municipal costs created by new greenfield developments artificially distorts the market in favour of sprawling development, though some municipalities are starting to examine the underlying costs. Utility pricing that fails to reflect the higher costs of servicing sprawling areas is another hidden subsidy.

COSTS OF SPRAWL

The costs of sprawl are many and diverse. Some of these costs are counted, meaning they show up on financial statements. Other costs are hidden – they don't show up on financial statements, but they are real and substantial. Different stakeholders pay for sprawl in different ways, either directly or indirectly. However, it is important to realize that we all—businesses, governments, and homeowners-- bear the costs in the end.

Governments and their taxpayers absorb many of the costs of development directly and in future infrastructure liabilities. Municipalities can pay a significant financial cost for sprawling development. Sprawling suburban development requires new infrastructure and thus new capital spending. When a new development is approved on the fringes, municipalities get additional property tax revenues, but they also pick up new costs, including liability for future infrastructure maintenance and replacement costs that continue indefinitely, and rise over time. In the initial wave of sprawl, these costs were not understood.

Development charges help municipalities recover some of these costs from developers but not all of them. Municipalities are beginning to understand the burden these costs place on their communities. In Edmonton, for instance, the City picks up all the capital costs of fire and police stations, and portions of some roads and recreation facilities. It also covers all the costs of maintenance, repair and renewal of the infrastructure, including pipes and roads. The costs to Edmonton of new suburban developments will exceed revenues – by a very large margin. Across just 17 of more than 40 new planned developments, costs to the City are expected to exceed revenues by nearly \$4 billion over the next 60 years.

Edmonton is not alone. Peel Region recently determined that new development was not paying for itself. Calgary Mayor Naheed Nenshi has started calling these hidden costs the "sprawl subsidy."

Some municipalities are starting to ask questions and find savings. In established areas, much or all of the required infrastructure already exists, and so redevelopment and infill development typically entail significantly lower municipal capital spending. Halifax Regional Municipality (HRM) recently found that it could save hundreds of millions of dollars by reducing the expansion of low-density sprawling development and opting for more dense urban development. Calgary found that by adopting a denser growth pattern that used 25% less land, it could save \$11 billion in capital costs alone.

Today's transportation systems further mask the costs of sprawl. The vast majority of roads in Canada are free to use, but they aren't cheap to build or maintain. Governments in Canada spend almost \$29 billion on roads every year – far more than they spend on transit, rail, air, marine and all other transportation modes combined. Fuel taxes, licence fees and all other motor vehicle payments cover only a little over half of that cost; \$13 billion is subsidized by other sources.

This large subsidy to road use is overshadowed by other costs that don't appear on financial statements: air pollution, climate change emissions, noise, delay from traffic congestion, and losses and injury from collisions. Estimates of these costs range upwards of \$27 billion per year. Parking is also often "free" or heavily subsidized. Based on US estimates, the cost in Canada is in the tens of billions of dollars per year.

Suburban households can end up driving about three times more than households close to the city centre, with consequent costs to household budgets and to the economy. Higher transportation costs for extra car ownership and fuel cancel out some of the household budget savings from lower home prices. By thinking about the long-term costs differently, consumers could reconsider the perceived benefits of sprawl. For instance, eliminating one car from a Calgary household's bills—an average savings of about \$10,000 per year--would put up to 18 times as many homes within financial reach (depending on income level). Clearly, the real cost of a suburban house to individuals and families is much higher than its sticker price. To address this in the future, home buyers may start considering the costs of more than just the property at the time of purchase.

On the social side, the unquestioning expansion of sprawl obscures statistics on more motor vehicle collisions, higher

climate change and smog emissions, and higher levels of obesity, diabetes, and other chronic illnesses that also impose significant costs on the economy. For example, in Toronto smog emissions from automobiles cost the economy \$2.2 billion per year and kill an estimated 440 people per year.

From yet another angle, businesses pay the costs of sprawl every business day. Roads congested by commuter traffic delay freight and raise delivery costs. Long-distance commuting, as well as the mental and physical health problems associated with sprawl, raise employee absenteeism while reducing productivity.

Finally, sprawl encroaches on natural areas surrounding municipalities, stressing and even eliminating key ecosystem services, such as water filtration, storage and runoff control, fresh air, erosion control, pollination, recreation and aesthetic enjoyment. The total value of such services provided by the Toronto greenbelt has been estimated at \$2.6 billion per year.

INNOVATIONS

Municipalities from St. John's to Vancouver have identified goals for the reduction of future sprawl and the creation of more liveable communities. However, little progress has yet been made, and the majority of population growth still occurs in the suburbs. Fortunately, there are communities examining the costs and finding innovative options. There is a growing body of experience that shows that public policy can shift price signals and transform markets to reshape municipal sprawl and create more liveable communities. They can also help to boost the economy and, by addressing hidden costs directly, balance municipal government finances.

Canada has an enormous stock of existing suburbs, a rising population and a growing interest in reducing the extent of future greenfield sprawl. These forces have sparked an interest in redeveloping existing suburbs, or "retrofitting suburbia" – the redevelopment of vacant lots, abandoned malls and big-box stores, inner city surface-parking lots, abandoned industrial (brownfield) sites, decaying older suburbs, as examples. What's needed is to use policy instruments to correct the price relationships currently encouraging sprawl while at the same time revitalizing urban cores and existing suburbs. These changes will raise property values for existing owners and help to achieve the urban form goals now being adopted by municipalities.

While prices have the advantage of allowing for "choice," it is important to bear in mind that choice isn't everything: equity, economic mobility and social stability are important, and spending choices are more restricted for those with lower incomes. There is a need to ensure fairness – to consider equity, economic mobility and social stability when designing pricing policies.

Below are examples of policy tools and innovative communities across the country that have begun to address the hidden costs of sprawl and design alternative approaches.

DEVELOPMENT CHARGES

Development charges, which help defray municipal costs associated with new development, can be adjusted to reflect the higher costs imposed on municipalities by sprawling development. Development charges can be calculated based on the location in which the development occurs. For example, the City of Kitchener's suburban residential development charges are 74% higher than those for central neighbourhoods. For non-residential buildings, suburban charges are 157% higher. Similarly, Ottawa has higher charges for development outside of its greenbelt. Hamilton provides a 90% exemption from development charges in the downtown area. Calgary recently doubled its development charges on new suburbs. Peel Region also doubled its charges.

UTILITY CHARGES

Providing services to sprawling areas tends to be more expensive. For example, a study of municipal wastewater systems in the Great Lakes area found that operation and maintenance costs can be twice as high in low-density areas. Municipalities can charge for utilities based on costs related to frontage (property width), and many do so. The City of Terrace charges \$.65/foot for water main while Winnipeg charges \$.95/foot for water main and \$2.95/foot for sewer main. Such charges help create a financial incentive for denser development.

PROPERTY TAXES

Several options exist to use the tax system to address sprawl.

Property taxes are calculated by multiplying the assessed property value by the tax rate. The tax rate can be varied by property class. Some Montreal boroughs have lower rates for multi-unit buildings, thus encouraging denser development. Adjusting tax rates by location could also help reduce sprawl, if rates were to be reduced in central areas and raised in outlying areas. Provincial legislation determines the tax rates available; Ontario's Municipal Act, for instance, would require amendment to make such a change.

Another option is to levy higher taxes on the land's value and lower (or no) taxes on the buildings on the land. This "land value taxation" would encourage redevelopment of parking lots and underutilized land in city centres – thus taking some of the demand away from sprawl. Several cities in Pennsylvania have adopted land value taxation.

Finally, municipalities can offer special reductions. For instance, Windsor has a property tax assistance program for redevelopment of "brownfield" (abandoned industrial) properties, which encourages development in established areas. Ontario has reduced tax rates for farms, which encourages farmers to continue farming instead of selling their land to developers.

TRANSPORTATION PRICING REFORM

Providing and boosting subsidies to transit, car-sharing and active transportation can level the playing field with motor vehicle subsidies. Such changes would encourage more density and less sprawl and municipalities continue to call for more investment in transit.

Fuel taxes can be adjusted to cover the costs of roads. Canada's are among the lowest fuel taxes in the developed world. Higher fuel prices can reduce the advance of sprawl and low density housing, while boosting inner city growth. Provincial governments can share the higher revenues with municipalities, or provide municipalities the power to levy such taxes (as Metro Vancouver has).

Parking pricing can be reformed to charge users the costs of "free" parking across municipalities – including in suburban shopping malls. Road use can be charged for directly. Highway 407 in Southern Ontario has a fully automated toll system. Vehicle registration and licencing fees can also be set on a distance-travelled basis to reward less driving and encourage denser development.

ECONOMIC BENEFITS OF DENSITY

Filling in the spatial gaps in cities and increasing urban density can bring about what economists term "economies of agglomeration": spreading the fixed costs of infrastructure over more businesses and households, reducing costs on a per-unit basis. This also gives firms more potential workers to choose from, resulting in better employment fit and higher labour productivity. Job seekers also have more employers to choose from, reducing unemployment. The greater density of firms and employees results in knowledge spillovers, within sectors and between sectors. Urban density also improves the access of firms to suppliers and markets. And proximity of firms in related or complementary industries allows for productivity gains through specialization and outsourcing.

Such economies of agglomeration boost economic growth, and it appears that, as the economy tends toward being information-based, that association will grow stronger. In the Greater Toronto Area, for instance, population growth has accelerated downtown, in 2006–2011 exceeding growth in the surrounding regions of Peel, York-Durham and Halton for the first time. The downtown population is both younger and better educated, and they report that being close to work and public transit are their top two reasons for living downtown. Employers are moving downtown to attract this workforce and access the market.

EQUITY AND FAIRNESS

Pricing reforms should be carefully designed to address unfair impacts on lower-income Canadians. Some reforms can be beneficial. For instance, raising property tax rates on single-family dwellings while reducing rates on multifamily rental dwellings (as some Montreal boroughs have done) will tend to be more progressive than flat rates across the board, or rates that are higher on multifamily dwellings.

However, sometimes a particular revenue-raising instrument can have a regressive consequence. Focusing on the combined costs that determine housing affordability--housing plus transportation--can compensate. The revenues can be used to support transit, build truly affordable (well-located) housing, or support social services. What matters is not whether an individual element of a policy package is regressive, but whether the package overall is more regressive than the alternative.

Finally, the overall distributional impacts of sprawl pricing reforms should be borne in mind. Reducing further sprawl reduces vehicle use and the smog emissions that disproportionately harm lower-income people. Making housing in central areas with good transit less expensive provides living arrangements that are truly more affordable (rather than distant houses with low sticker prices and expensive automobile dependence).

FEDERAL AND PROVINCIAL ROLES

Other levels of government can support municipal innovation, recognizing their influence on what municipal governments can achieve in restraining future sprawl. Provincial legislation provides and shapes the municipal capacity to employ pricing policy instruments (property taxation, charges, fees and levies, and other matters). For example, provincial governments restrict the authority to collect development charges.

Under existing legislation, some reforms that municipalities could take to change the prices and create incentives for denser development are impossible. Yet, some larger cities have been given expanded powers under charters. This model could be rolled out to other larger cities, and general municipal legislation could be revised to expand powers of all municipalities to address sprawl.

In addition, provincial and federal governments could revise their own policies in order to support municipalities that are addressing sprawl. Transit investments, carbon pricing, highway tolls and higher fuel taxes, and improved regional governance arrangements can make it easier for municipalities to manage sprawl.

CONCLUSION

The main driver of sprawl is prices. Prices have a profound impact on the decisions of firms and individuals, including decisions about where to build new developments, and where to buy houses and site businesses. Currently, price structures encourage sprawl while obscuring significant costs, creating a series of 'suburban myths.' By more closely examining both costs and alternatives, we can turn prices around and make them reward infill development, brownfield development and suburban retrofitting. When we do so, we will reap significant economic, environmental and municipal budget benefits.

The time is right to recognize a shift in attitude and growing body of innovative practice across the country. Municipal governments are studying the financial costs of sprawling development and the long-term liabilities it imposes. Major cities are exploring revenue-raising mechanisms to finance much-needed transit improvements, while citizens are open to the idea of taxes and user fees to support municipal services. With a better understanding of the costs and opportunities, perhaps we can better challenge our historic assumptions and adopt policies that will create towns and cities that work better for individuals, businesses and governments.

SUBURBAN

NOT AS CHEAP
The hidden costs of sprawling development

SUBURBS ARE GROWING 160%

81%

of Canadians live in CITIES

SPRAWL DWELLERS PAY ONLY HALF THE COST OF ROADS,

HIDING THE REAL COST OF THE SUBURBS

Suburban residents drive

3X



As much as urban drivers.

LEADING TO MORE VEHICLE COLLISIONS;



RISING OBESITY, DIABETES, CHRONIC ILLNESSES INACTIVITY, AND MENTAL HEALTH IMPACTS.

New Suburban Cities Than Urban Development

But More Character Development a Flat Regard

GOVERNMENTS (FEDERAL + PROVINCIAL/ TERRITORIAL + LOCAL COMBINED) = SPEND \$29 BILLION ON ROADS IN CANADA IN 2010-2011.

Fuel taxes, vehicle permits, licenses and other fees pay \$15.5 BILLION leaving \$13.5 BILLION paid from general taxes.

THE INDIRECT COSTS OF AUTOMOBILE USE

Noise

HONK



Emissions

Traffic Congestion

THESE COSTS ARE ESTIMATED AT MORE THAN \$27 BILLION PER YEAR.

HIDDEN COSTS



URBAN SPRAWL

AS YOU THINK.

Development are paid by all Canadians

FASTER THAN CITY CENTRES

HALF OF THOSE 81%

Live in the SUBURBS



If Urban Core Growth Were Encouraged, **BIG SAVINGS** Could Be Had...

CITIES + TAXPAYERS COULD SAVE MILLIONS WITH HIGHER DENSITY DEVELOPMENT

MAKING NEW DEVELOPMENTS PAY THEIR REAL COSTS CAN BALANCE MUNICIPAL FINANCES AND CREATE MORE LIVEABLE COMMUNITIES.

>>> KITCHENER DOES THIS.

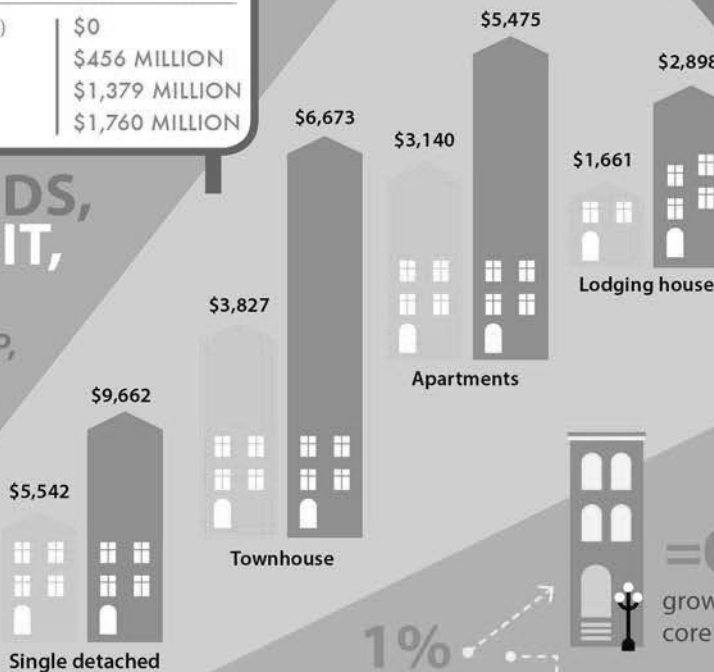
Suburbs Cost More Denser than Apartments

Most Cities Charge Developers at Rate of Loss.

HALIFAX'S POTENTIAL SAVINGS, 2009-2031

% NEW HOMES BUILT IN URBAN CORE	SAVINGS (net)
16% (Current levels)	\$0
25%	\$456 MILLION
40%	\$1,379 MILLION
50%	\$1,760 MILLION

ROADS, TRANSIT, PIPES, WASTE PICKUP, POLICING, FIRE LIBRARIES, DEPT., COST MORE IN THE SUBURBS



SOLUTIONS

Kitchener residential development charge rates

- Central Neighbourhoods
- Suburban Area

1% increase in gasoline price



Higher fuel taxes reduce sprawl and pay for more of the real costs of roads

= 0.32% growth in the urban core population

= 1.28% decrease in suburban housing units.

For more data and more reports, visit sustainableprosperity.ca

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INTRODUCTION

THIS REPORT IS ABOUT SUBURBAN SPRAWL AND HOW WE CAN REDUCE ITS FUTURE GROWTH AND SUBSTANTIAL COSTS BY ADDRESSING ITS PRIMARY DRIVER: PRICES.

For ten thousand years, cities and towns were built at a human scale. Even large cities were walkable. Then, within the span of two lifetimes, cities and towns were completely transformed. Instead of being built for people, they were being built for automobiles. This was unprecedented in human history.

Sprawling, suburb-dominated municipalities are now common worldwide – and overwhelmingly predominant in North America. However, it is important to bear in mind that suburban sprawl is still in the experimental stage. As with other experiments, we don't know how it will work out, and what the unintended consequences will be.

Fly over any North American municipality and you will see a pattern of development that creates enormous costs. The costs of sprawl range from smog and climate change emissions, to chronic disease and emergency room admissions, to higher costs and reduced productivity for businesses and financial liabilities for governments. Some of these costs increase our current tax rates as property owners and income tax payers. Some costs are hidden in long-term government liabilities. Others appear as private costs, including losses of personal income and business profitability. Still others are unaccounted for financially – climate change and habitat loss, for example – but are both real and substantial.

Fortunately, sprawl is a problem that can be addressed. We can slow the future advance of sprawl and revitalize established areas with new development. Natural areas and agricultural land can be preserved, while vacant buildings and lands are brought to life. We can supply truly affordable housing – housing that doesn't simply shift the costs onto homeowners' transportation and property tax bills. We can provide businesses with locations that attract workers and boost productivity. We can help manage costs and balance the bottom line of municipal and other levels of government.

How can the costs of sprawl be reduced? How can we reshape development? The answer is clear: we need to address the *causes* of sprawl.

For decades, we have understood the problem, but we have attempted to address it in a way that does not tackle the underlying causes. Cities have employed a range of planning and regulatory instruments in an attempt to rein in sprawl.

Some of these have had an impact, but sprawl proceeds at an astonishing pace. New construction continues to

encroach on natural spaces and prime farmland, while urban businesses and neighbourhoods struggle to stay afloat.

Municipal policies, zoning and development plans have often been criticized for facilitating sprawl. While they do allow for sprawling types of development, they don't require it. The main driver of sprawl is prices. Prices have a profound impact on the decisions of firms and individuals, including decisions about where to build new developments, and where to buy houses and site businesses. Currently, price structures encourage sprawl. And as long as prices pull new development toward the fringes of our cities, citizens, businesses, governments and the economy will continue to suffer the costs of sprawl.

Public policy can shift prices to encourage development in established areas and protect natural areas and agricultural land from further incursions of sprawl. Cities and other levels of government have at their disposal a range of policy instruments that can adjust prices that currently cause sprawl.

The literature on sprawl is broad and goes into far greater depth than the space of this overview permits. This report surveys the main topics and provides sources to enable the reader to dig into areas of particular interest. The next section of this report explores the many ways that prices encourage sprawl. While some of these prices could be regarded as market-determined – reflecting basic dynamics of supply and demand – many others are the direct result of past government decisions on regulation and budgets, at all levels of government.

The report then discusses some of the main costs of sprawl – both costs that show up on financial statements and those that are hidden. These costs are truly massive; they are of a scale that makes addressing them not only a local, but also a national, priority.

The next section of the report discusses some of the ways that governments can reshape prices to help rein in sprawl. There are many policies that municipal governments can employ. There is also room for policy co-operation; provincial governments can expand municipal capacity, and provincial and federal governments can align their policies to support municipal policies. Such policy changes not only can help address sprawl but also can boost the economy and help balance government finances.

Finally, the report concludes by reflecting on the opportunity for cities that work better for individuals, businesses and

governments. Cities are beginning to address the causes of sprawl, for good reasons. A national conversation about sprawl is beginning – a conversation that is based on evidence and could lead to the development of the political will to make important and necessary change.

development were not present. Likewise, zoning bylaws don't create or prompt sprawl; they manage some aspects of its form. No development plan or zoning bylaw says that new developments have to occur in sprawling suburbs. It may be that the prevalent identification of planning and

WHERE DO CANADIANS LIVE?

Globally, people have been migrating to cities for decades, and now more people live in cities than in rural areas. Like other developed nations, Canada is primarily an urban nation; the proportion of Canadians living in urban areas has been rising for more than 150 years and now stands at 81%.² Approximately two-thirds of Canadians live in large urban areas (those with populations over 100,000).³

What those numbers don't reveal is that half of the residents of metropolitan areas actually live in suburbs, and suburban growth is proceeding at over 160% the rate of growth in city centres.⁴ The statistics substantiate the visible reality: relatively small city cores, sometimes with ribbons and nodes of density huddled around transit lines and stops, surrounded by many kilometres of low-density suburbs.

SPRAWL AND ITS CAUSES

There is no universally accepted definition of sprawl. However, sprawl as an urban form does have a number of characteristics, not all of which may be present in a given case:

- **Low density.** Sprawling developments tend to have a lower density of uses (e.g., housing) per hectare of land than is typical of more central, urban neighbourhoods.
- **Separation of uses.** Sprawling development tends to have different land uses (e.g., housing and retail) separated, often by considerable distances.
- **Leapfrog development.** Sprawling development often takes place beyond the margins of existing built-up areas, leaving gaps that further reduce overall density.
- **Automobile dependence.** Sprawling development – whether residential or other – tends to require the use of automobiles for transportation.
- **Fringe.** Sprawling developments take place on lands that are distant from traditional urban cores, on “greenfield” sites that were previously agricultural or natural.⁵

That last, locational, point is consistent and perhaps the defining characteristic of sprawl: simply put, sprawling development is sprawling.

In several decades of literature on sprawl, there has been widespread recognition of the ways in which municipal regulatory policies (e.g., planning and zoning rules) have contributed to sprawl. Municipal governments have approved development plans and zoning bylaws that anticipate greenfield developments with low density, a strict separation of residential from other uses, and often inadequate or non-existent pedestrian infrastructure. These plans and rules do contribute to sprawl.

However, they are not the whole story. Development plans don't actually require anything to be built. A municipal plan could be adopted and nothing built if the demand for sprawling

zoning rules as a factor in sprawl is due to the prominent role that urban planners have played in drawing attention to the problems of sprawl. However, there are clearly other factors at play; the underlying demand for sprawl is created elsewhere.

PRICES

“Where people choose to live (in the city core, existing suburbs or new greenfield suburbs), the types of buildings they live in, where business people choose to locate their businesses ... [these decisions] are all highly influenced by price.”

– NATIONAL ROUND TABLE ON THE ENVIRONMENT AND THE ECONOMY⁶

Property prices are a key driver of sprawl. The influence of prices can be illustrated by a choice facing a typical homebuyer – a growing family with a limited income, searching for a three-bedroom house. Given the choice between a house near the centre of town that costs \$600,000, and one at the fringe that costs \$300,000, most will be forced to choose the suburban house because that's what they can afford.

A 2012 survey of Toronto-area residents confirms that price is key to location decisions: 79% said price influenced their choice of location, and 81% said that if home price were not an issue, they would give up a large-lot home to get a smaller residence in a walkable area with good transit.⁷

Many businesses are subject to the same pressures. For some businesses, location is determined by their market, or a crucial input. Others can choose location. Other things being equal, if faced by the choice between an expensive space in a downtown office tower or a cheaper space in a suburban business park, many firms will choose the latter.⁸ If facing higher shipping expenses due to traffic congestion getting in and out of town, firms sensitive to freight costs may opt for warehouse or production space near a suburban highway interchange.

Simply put, prices influence a lot of decisions for individuals and firms – including decisions on where to locate. Development plans and zoning rules will shape new suburbs, but without the demand, those suburbs wouldn't exist. Demand creates suburbs, and prices shape demand.

It is not hard to see why prices are an important driver of sprawl. All other things being equal, individuals and families like a low price (or at least what they perceive as a low price – see discussion below under Personal Household Costs). Firms are required to maximize profits, and keeping costs down is essential to maximizing profits.

In a nutshell, sprawl occurs because a building on the edge of town is cheaper. But why is that?

CONSUMER PREFERENCE OR PRICE?

Advocates for sprawl frequently argue that the cause of sprawl is simply consumer preference: sprawling suburbs exist because homebuyers chose to live in the suburbs.

This is true in a narrow sense; people who bought a house in the suburbs did choose to buy that house. But why? The answer for many, according to a survey in the Greater Toronto Area (GTA), is quite simple: 79 percent chose to live where they do based on home cost.¹¹

“Drive until you qualify” is a mortgage affordability expression that neatly captures the relationship between location and housing price. Prospective buyers whose incomes can't support a mortgage in central parts of town are advised by lenders to look further out of town, where sticker prices are lower – often by tens or hundreds of thousands of dollars. The claim that buyers prefer the suburbs hides the reality that many can only afford a house in the suburbs.¹²

Sprawl advocates also claim that buyers actually want certain features that come with sprawling developments, such as larger houses and bigger yards. The same GTA survey investigated homebuyers' preferences if home prices were equal. It found that while a detached single-family home is the most important attribute when choosing where to live, large houses and big yards are less important to GTA residents than walkable, mixed-use neighbourhoods, short commutes to work, and easy access to frequent rapid transit.

Another argument is that homebuyers select suburban neighbourhoods as safer for their kids. Yet the risk of violent death for young people (between the ages of one and 24) has more to do with automobiles than crime,¹³ and sprawl means more time spent in automobiles. Automobile collisions kill several hundred young Canadians every year. Injury is the leading cause of death of young people in Canada, and motor vehicle collisions are the leading source of fatal injuries.¹⁴

Contrary to the claims of sprawl advocates, sprawl is not merely an outcome of consumer preference, but rather it is an outcome of price.¹⁵ The benefits of sprawl are largely internal (private) and related to reduced housing costs.¹⁶

WHY ARE PRICES LOWER FOR SPRAWL?

Markets don't exist in a vacuum. They exist within a framework of government policy and law, and are heavily influenced by it. Markets can also be distorted by government policies, or their absence.

For example, several decades of massive government spending to build free-to-use highways has enabled daily long-distance commuting. It has also reduced long-distance food transportation costs,⁹ thus reducing the profitability of local farming and the value of farmland around cities and towns. Distance commuting and low-price farmland make it more attractive to build suburbs in greenfield areas.

The suburban housing market in its current form would not exist without that free-to-use road network. And the market in its current form continues to be indirectly subsidized by ongoing government spending on road maintenance, repair, replacement, expansion, clearing, lighting, policing, emergency medical services and other road-related costs.

Furthermore, the ongoing policy failure to internalize the externalities of road use (e.g., illness, injuries and climate change) amounts to a subsidy to automobile use and suppresses the price of transportation to and from suburban locations.

Undercharging developers for municipal costs caused by new greenfield developments artificially distorts the market in favour of sprawling development. Utility pricing that fails to reflect the higher costs of servicing sprawling areas is another hidden subsidy.

Bearing in mind the influence of public policy on markets and prices, we can begin to reformulate the question. Instead of asking “why is sprawl cheaper?,” the more germane question is “how should we change the policies that make sprawl cheaper?” This is discussed in the sections below on policy solutions.¹⁰ It is important first, however, to get a sense of the costs of sprawl.

THE COSTS OF SPRAWL

The costs of sprawl are many and diverse.¹⁷ Some of these costs are counted, meaning they show up on financial statements. Other costs are hidden – they don't show up on financial statements, but they are real and substantial. They are termed “externalities” and economists have been quantifying them for decades.

WHO PAYS FOR SPRAWL?

Different stakeholders pay for sprawl in different ways, either directly or indirectly. However, it is important to realize that we all bear the costs in the end (Individual costs mentioned below will be expanded upon in the following sections).

Businesses pay the costs of sprawl every business day. Roads congested by commuter traffic delay freight and raise delivery costs. Long-distance commuting, as well as the mental and physical health problems associated with sprawl, raise employee absenteeism while reducing productivity.

Homeowners in sprawling areas find themselves dependent on automobiles for transportation, contributing to increased injury risk from collisions and rising obesity levels due to physical inactivity. Smog emissions from automobile use affect residents of neighbourhoods that commuters drive through in order to reach central areas.

Compact neighbourhoods with lower municipal infrastructure costs end up subsidizing low-density areas due to the structure of development charges.¹⁹ Household budgets are impacted by the fuel costs associated with long commutes.

Governments pay many of the costs of development directly, for instance, paying for new roads, pipes and other infrastructure and services used by developments. These costs are often higher per unit for sprawling neighbourhoods than they are for denser, central neighbourhoods. However, this premium is rarely reflected in development charges or property taxes. There is also a legacy liability for

EXTERNALITIES

In the ideal exchange in the marketplace, the full costs of producing a good or services are included in the price. However, in the real world, markets don't obey theories.¹⁸ For many goods and services, the market price doesn't tell the full truth about costs.

The classic example is a factory producing a good and releasing smoke that causes illness to its neighbours. The costs of ill health are not included in the price of the good; neither the company nor the buyer bears the associated health-care costs. Those costs are said to be "externalized" from the market transaction; they are termed "externalities."

Those health-care costs do appear on the financial statements of health agencies and are ultimately picked up by taxpayers. However, those financial statements generally don't identify the causes of the costs.

Furthermore, many of the costs of emissions do not appear on any financial statements (e.g., losses of productivity) and so are further hidden. Economists can generate estimates of such costs, and they are substantial. However, they aren't incorporated in prices.

Such market failures create economic inefficiency. Because the cost of the good is artificially low, it is overproduced – produced at a level higher than the "socially optimal" level.

Governments should, and do, take steps to reduce and eliminate externalities. "Getting the prices right" means addressing not just financial subsidies but also the externalities. Governments often do so through regulation, e.g., by stipulating limits on polluting emissions, which helps to internalize the cost by requiring polluters to install pollution control equipment.

Another way governments address externalities is by adjusting market prices to take externalities into account directly – by raising a price (through a charge, user fee or tax) or reducing a price (rebate, credit, loan or grant). This kind of policy instrument provides an ongoing financial incentive on the producer to internalize the externality. This is known as a dynamic incentive; the more producers reduce the externality, the more money they make or save. Regulatory standards, in contrast, provide a static incentive; once the standard is met, there is no incentive to make further improvements.

Pollution is a negative externality, but some externalities are positive, e.g., education and health care. These provide benefits not only to the individuals directly involved but also to others, like employers and the broader community. In such cases, the appropriate pricing adjustment is a subsidy (e.g. publicly funded education and health care).

In the case of sprawl, there are significant external costs, some of which are discussed below. However, the benefits of sprawl are mainly internal (profits, reduced housing costs), resulting in an overproduction of sprawl.

TABLE 1: EXAMPLES OF NEGATIVE AND POSITIVE EXTERNALITIES

NEGATIVE EXTERNALITIES (FISCAL POLICY: TAXES, CHARGES, USER FEES)	POSITIVE EXTERNALITIES (FISCAL POLICY: REBATES, CREDITS, LOANS, GRANTS)
Water wastage	Transit
Energy wastage	Education
Traffic congestion	Preventive health care
Derelict land and suburban sprawl	Urban revitalization
Habitat destruction	Community facilities and parks

governments: infrastructure maintenance costs continue indefinitely, and rise over time. Governments also pay indirectly – for example, federal and provincial governments covering health-care costs related to diseases linked to sprawl. Municipal governments are spending money on climate change impacts caused partly by excessive automobile use, and on preparing for and adapting to climate change.²⁰

MUNICIPAL INFRASTRUCTURE & OPERATIONS

When a new residential development (or industrial or commercial development) is built on the fringes of a municipality, a variety of new infrastructure investments are required. Some of these infrastructure costs are covered by the developers and are then passed on to buyers. Developers can cover costs directly (sometimes termed “in-kind”) or indirectly (by paying development charges to the municipality). However, many of the costs are left to the municipal government, which translates into higher property taxes and other taxes across the entire municipality. To the extent that federal or provincial grants cover some costs, they are passed along to an even wider set of taxpayers.

In Edmonton, for example, developers pay for sewers, underground electrical cables, roads and sidewalks, water mains and a handful of other costs.²¹ The City and its taxpayers pick up the rest of the infrastructure costs, including fire and police stations, portions of arterial roads, recreation facilities, transit centres and libraries. In addition, the City covers all operating costs – including transit, refuse collection, snow clearing, drainage, and police and fire protection. Finally, and importantly, the City covers the costs of all infrastructure maintenance, repair and renewal. Edmonton is not alone in covering many of the current and future costs of new suburban developments.

The net cost to a municipality can be quite high. In the Edmonton example, it appears the cost to the City of new suburban developments will exceed revenues from those new developments. Across just 17 of the more than 40 new developments underway or planned in Edmonton, net costs have been projected to exceed revenues by nearly \$4 billion over 60 years.²² The City has not published data on what the other twenty-plus planned developments will cost taxpayers.

Certainly, the problem of new developments causing net financial losses is not confined to the City of Edmonton. Other municipalities and regions are becoming more aware of the same problem. For instance, the Region of Peel recently doubled its development charges after determining that new development was not paying for itself.²³ “Staff has given us all kinds of financial statements proving that development is not paying its way,” said Mississauga Mayor Hazel McCallion. “It’s not my opinion here. The facts are on the books. We are going into debt in a big way in the Region of Peel.”²⁴

Of course, development that takes place in any part of a city can entail costs to a municipal government. However, in established areas, much or all of the required infrastructure already exists, and so redevelopment and infill development typically entail significantly lower (sometimes zero) municipal capital spending. Sprawling suburban development, on the other hand, requires new infrastructure and thus new capital spending.

This results in a city being responsible for a larger stock of infrastructure, which means higher maintenance and renewal costs in the future. Roads eventually crack and develop potholes, sidewalks crumble, and pipes decay and begin to leak. Repair and maintenance costs rise to the point where it makes financial sense to replace the aged infrastructure. This happens a few decades after the infrastructure is put in place. Turning back to the Edmonton example, the cost of the 17 developments is projected to exceed revenues in each and every year. However, the net loss to the City is projected to rise dramatically 30 years after initial construction, increasing by five-fold.²⁵

Other cities have found similar results. In 2005, Halifax Regional Municipality (HRM) estimated the cost of services for a range of development densities.²⁶ HRM found that on a per-household basis, the costs of the lowest-density development were more than three times higher than high-density urban development. The costs of many key infrastructure elements are related to distances covered (longer pipes and, particularly, roads cost more than shorter ones).

HRM subsequently adopted a regional plan that set a goal to have 25% of growth take place in urban areas. The existing trend was 16%. HRM recently commissioned another study to determine the net financial savings that could be obtained by meeting the goal of the plan, and by exceeding it (using 40% and 50% urban growth scenarios). The study concluded that HRM could save nearly \$66 million by 2031 through achieving its urban densification goal, and \$715 million by achieving the 50% urban growth scenario.²⁷ Note that such a short timeline (22 years) would exclude the substantial infrastructure renewal costs; the savings from higher density likely would be much larger in the longer term.

**TABLE 2 – HALIFAX REGIONAL MUNICIPALITY
PROJECTED SAVINGS DUE TO URBAN DENSITY²⁸**

REGIONAL GROWTH – URBAN FRACTION	NET SAVINGS 2009-2031
16% (Trend)	0
25% (Goal)	\$66 million
40% (Scenario A)	\$337 million
50% (Scenario B)	\$715 million

Calgary undertook a similar study, with similar findings. It compared the capital costs of new infrastructure for existing patterns of development against those of a denser growth pattern recommended in the Plan It Calgary process. The recommended pattern, which would use 25% less land, would be 33% less expensive to build – resulting in a savings to the City of more than \$11 billion in capital costs alone. Operating costs were also much lower for the denser growth pattern; at the 60-year point, the savings would be on the order of \$130 million per year.²⁹

The City of London found that over a 50-year period sprawling growth would entail capital costs \$2.7 billion higher, and operating costs about \$1.7 billion higher, than for a compact growth scenario.³⁰

These municipal losses amount to an extra subsidy to new suburban development. The financial cost of that subsidy is enormous, and puts a strain on municipal budgets – a strain that will grow larger in future years.³¹

DATA ON MUNICIPAL COSTS

Generating this type of data on the municipal costs of sprawl can be transformative to how municipalities look at growth. For example, some Edmonton city councillors are now openly questioning whether further developments should be approved in the absence of cost-benefit analyses.

Obtaining data on whether a new development is going to make money or lose money for a city is good business-like management. Indeed, it raises the question of why such decisions were ever made *without* the relevant data. Very few businesses make significant decisions without assessing both the benefits and the costs.

For many municipalities considering reining in sprawl, the objection often voiced has been “if we don’t approve it, the next municipality over will get all that development and all the property taxes that go with it.” This may be true; it is also true that the next municipality over will also get a lot of costs – perhaps billions of dollars more than revenues.

The Federation of Canadian Municipalities (FCM) has consistently drawn attention to the fiscal challenges facing cities, particularly infrastructure management costs. FCM is surveying its members in an effort to determine how many municipalities have data on whether new suburban developments yield net revenues or net costs. Some municipalities are collecting this data, but not all have done so.³²

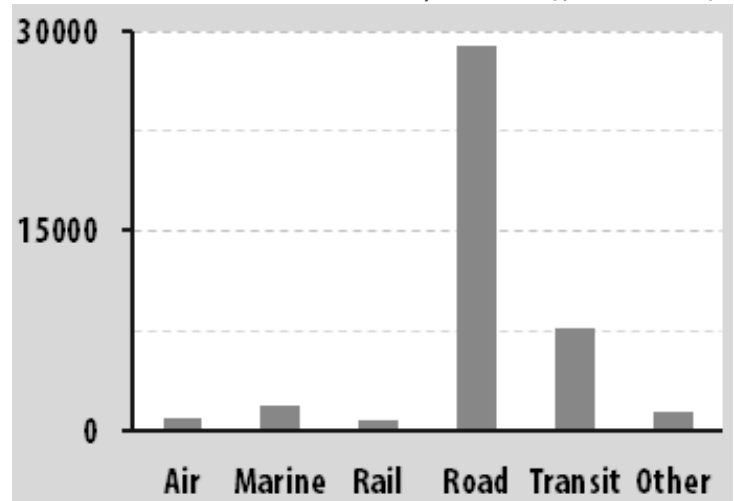
ROADS AND ROAD USE

Road use is currently free of charge on the vast majority of roads in Canada. However, the cost of roads is certainly not zero. Governments in Canada spent almost \$29 billion on roads in 2010/11 (see Table 3), far more than they spent on transit and all other transportation system elements combined (see Figure 1).³³

TABLE 3: ALLOCATION OF GOVERNMENT SPENDING ON ROADS IN CANADA, 2010/11³⁴

FEDERAL	\$2.48 billion
PROVINCIAL/TERRITORIAL	\$14.69 billion
LOCAL	\$11.89 billion
TOTAL	\$28.96 billion

FIGURE 1: GOVERNMENT SPENDING ON TRANSPORTATION IN CANADA, 2010/11 (\$ MILLIONS)



Source: Transport Canada³⁵

There is a widespread view that motorists pay fully for roads through fuel taxes. It is a mistaken view; road spending is not covered by fuel taxes. Even adding revenues from permit, licence and other fees collected by all levels of government, the total revenue from road users amounts to only \$15.5 billion per year across Canada. More than \$13 billion per year – nearly half – of the annual spending on roads is subsidized by other revenue sources.³⁶

In addition, fuel taxes and road-related user fees and charges cover none of the social costs of road use: air pollution, greenhouse gas emissions, noise, delay from traffic congestion, and vehicle collisions. These costs are high – estimated at more than \$27 billion per year in one study.³⁷ A more recent study puts the annual cost of collisions alone at \$63 billion.³⁸

The benefits of using automobiles on roads are mainly private, in other words they are internal to motorists: convenience and faster access to destinations, depending on the situation.³⁹ The costs are both private (internal) and social (externalized).⁴⁰

PARKING

As with roads, parking is often provided to users free of charge, particularly in suburban areas. Indeed, from a shopper’s perspective, free parking is a significant and sometimes determinative factor in choosing a shopping destination.

As with roads, “free” parking does have real costs. These include the costs of preparing, maintaining and repairing the parking spaces, and the opportunity costs of the land devoted to parking and not used for other purposes.⁴¹ The cost of providing a parking space in downtown Toronto is \$35,000 and up,⁴² consistent with costs in other large North American cities.⁴³

Whether free parking is provided by businesses or municipalities, the costs are paid by many. Businesses have to pay for their free parking spaces, and they are only able to pass along a portion of the costs to others. Customers of businesses who provide free parking pay higher prices for goods and services, while employees pay through reduced wages. Taxpayers pay through higher property taxes to cover costs of providing municipal free parking.

Residents with onsite parking – whether they are house owners or apartment renters – pay for driveway and garage/ carport construction and upkeep, and the lost opportunity to use the space for other purposes (the opportunity cost). When suburban shopping malls, business parks and industrial parks provide free or subsidized parking, they encourage higher levels of motoring (60% higher for employer-provided parking).⁴⁴

The bottom line on “free” parking is that it’s not free. It’s actually a wealth transfer to parking users that is paid by everyone. The scale of the cost of “free” parking is enormous; based on a US study, the cost in Canada would be in the tens of billions of dollars per year.⁴⁵

CLIMATE CHANGE

The transportation sector is Canada’s largest source of greenhouse gas (GHG) emissions,⁴⁶ and 69% of transport-sector emissions are from road-based motor vehicles. From 1990 to 2010, GHG emissions from transport, caused primarily by energy used for personal transportation, rose 33%, or 49 megatonnes. Overall, the transport category in 2010 contributed 195 megatonnes of GHG emissions and accounted for 47% of Canada’s emissions growth from 1990 to 2010.⁴⁷

The problem is not automobiles per se; it is the excessive use of automobiles. And sprawl increases automobile use. Statistical analysis suggests that climate change emissions from motor vehicle transport are closely correlated to sprawl.⁴⁸ Greater automobile dependency and travel results in greater energy consumption and GHG emissions for low-density areas (see Figure 2).

For its residents, sprawl locks in a higher future level of driving. Sprawling areas are generally automobile-dependent, and residents end up needing more cars and driving further distances:

- Research for National Resources Canada shows that

vehicle kilometres travelled can be approximately three times higher per household in suburban areas than in communities close to the city centre.⁴⁹

- Census data show that automobile dependence increases significantly further from the city centre. In Calgary, “more than half of those living within five kilometres of their workplace walk, bike or take transit. At 10–14 kilometres, that percentage drops to less than a quarter.”⁵⁰

Climate change is already having significant financial impacts, most notably through extreme weather events. Hurricane Sandy in October 2012 was estimated to have cost the United States more than \$60 billion and Canada more than \$100 million in insured costs alone.⁵¹

While no particular storm, flood or drought can be attributed to climate change (just as no particular case of lung cancer can be attributed to smoking), it is clear that climate change is “loading the dice”, i.e. increasing the likelihood of extreme weather events.⁵² It is also clear that the number and cost of such events is on the rise (see Figures 3 and 4).

In coming years, it is estimated that climate change will cost Canada into the tens of billions of dollars every year.⁵³ The global costs of climate inaction could be very high, at 20% or more of global GDP, or higher.⁵⁴ Needless to say, considering Canada’s economic reliance on trade, that kind of decline in global GDP would have profound effects on Canada’s economy.⁵⁵

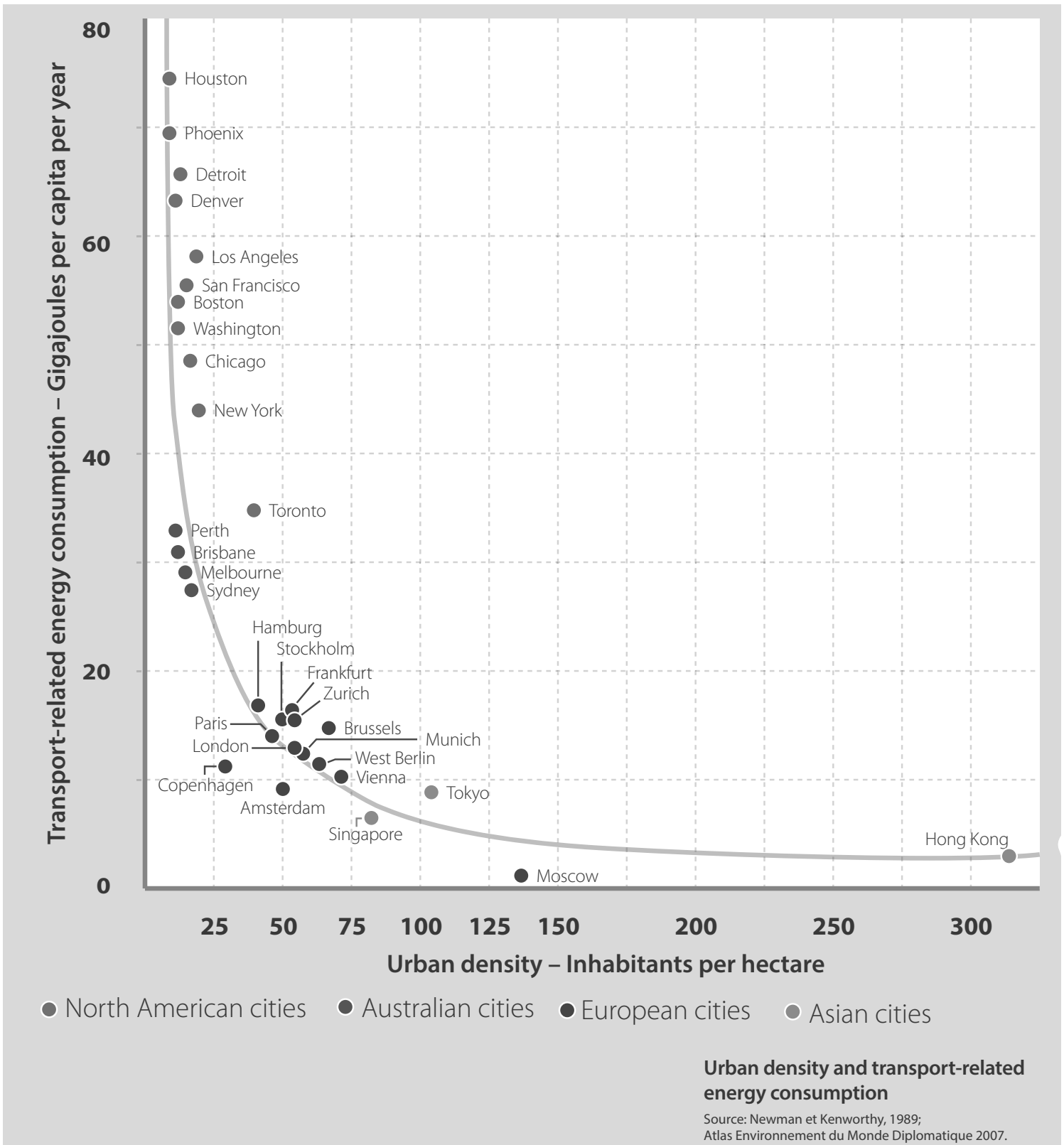
SMOG

Smog is created by certain air pollutants – sometimes termed “criteria air contaminants,” or CACs – many of which also cause acid rain. Regulatory emission controls on automobiles and other emission sources have reduced the ambient concentration of some CACs over recent decades. However, total emissions remain a serious health problem. In Ontario alone, smog emissions have been estimated to kill more than 9,500 people per year⁵⁶ – almost twice as many as die from infectious disease.⁵⁷

Motor vehicles are an important source of CAC emissions. In Toronto, air pollution from traffic has been estimated to kill more than a quarter of those killed by air pollution overall (440 out of a total of 1,700) and to cost \$2.2 billion per year.⁵⁸ Motor vehicles are more CAC-intensive than transit.⁵⁹

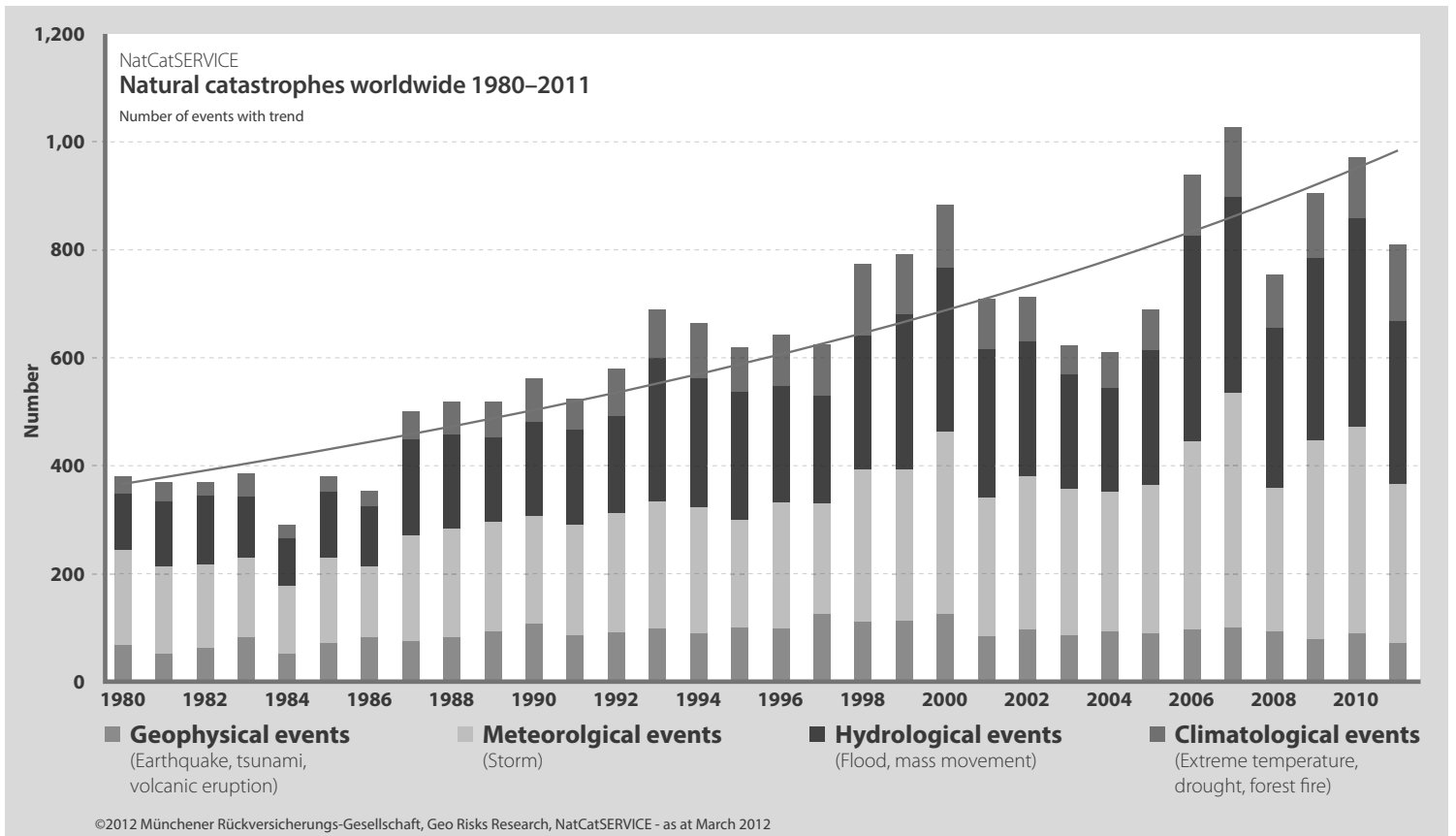
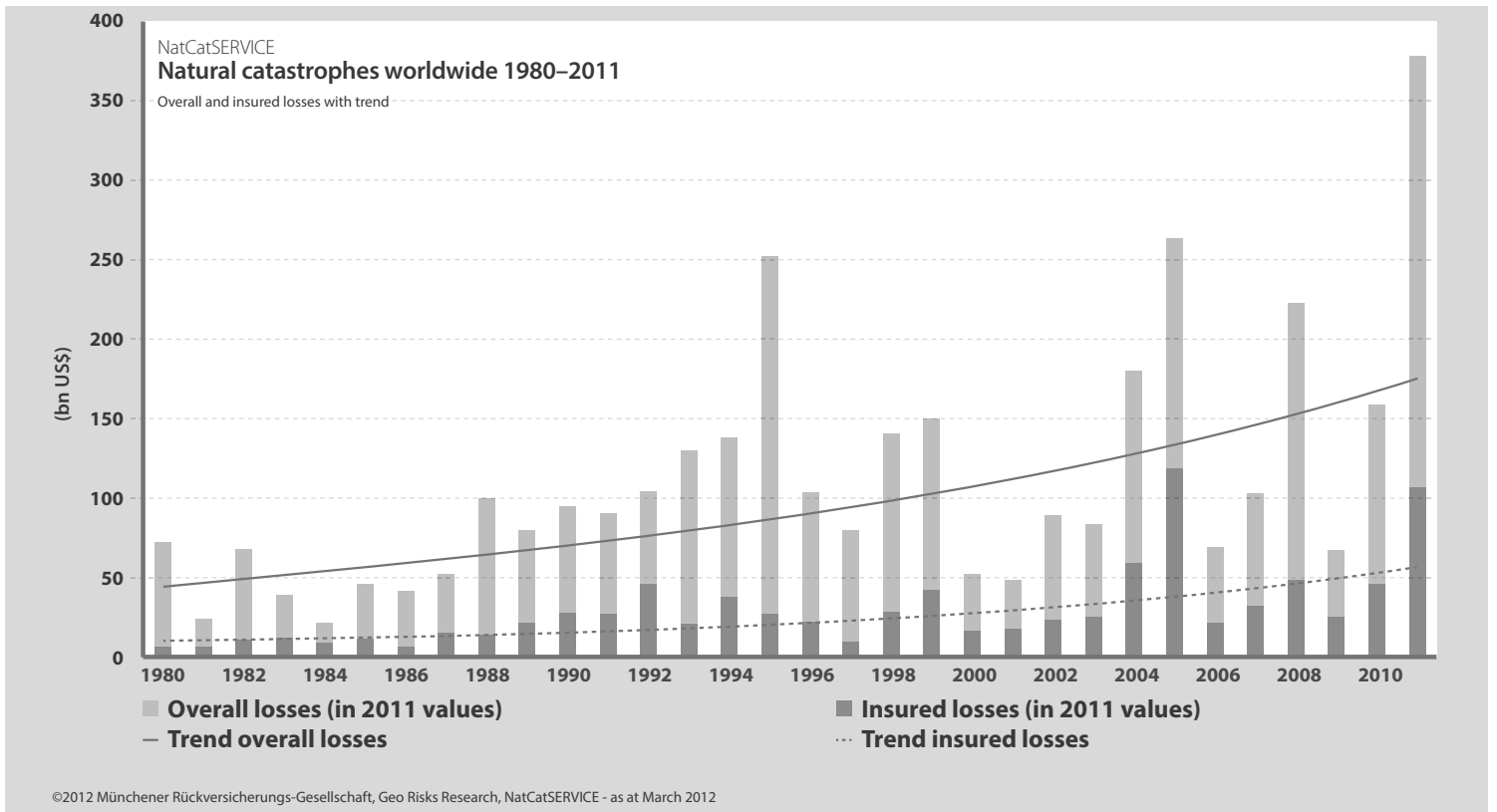
As noted in the climate change section above, sprawl is associated with greater transportation-related fossil fuel combustion, which results in greater emissions. The higher levels of automobile use necessitated by sprawl boost morbidity and mortality, along with their financial and economic costs.

FIGURE 2: URBAN DENSITY AND ENERGY USE



Source: Emmanuelle Bournay, UNEP/GRID-Arendal⁶⁰

FIGURES 3 AND 4: TREND IN WEATHER CATASTROPHES AND COSTS⁶¹



PERSONAL HOUSEHOLD COSTS

Although house prices in sprawling areas tend to be lower than in central areas, the cost of transportation tends to be higher: as noted above, residents of sprawling areas are more dependent on car travel and tend to own more cars and drive further distances.

The personal costs of car ownership are high. In Canada, the average car costs its owner approximately \$10,000 per year,⁶² which translates to roughly \$830 per month. Reducing the number of cars in a household by one would yield savings enough to enable ownership of a much more valuable home.

Considering another major household cost, retirement, the annual cost of owning an extra car for 35 years could buy more than \$570,000 of RRSPs⁶³ – more than the vast majority of Canadians in their 50s have saved for retirement.⁶⁴

The question of affordable housing takes on an entirely new meaning when considering the automobile dependency created by suburban sprawl. In a sense, homebuyers are being sold on the low sticker price for houses, while the high costs of the needed car ownership are brushed aside. Housing in sprawling areas is only “affordable” because the costs are being transferred to the homeowner’s transportation bill.

As the housing + transportation indices show, there is more to home affordability than the sticker price. Walkability of the neighbourhood, proximity to shops and services, and availability of high-quality transit are important determinants of true affordability. A cheap house at the edge of town that requires automobile transportation is not as affordable as it looks.

Some argue that the solution is greater “financial literacy” for homebuyers. If homebuyers would just learn how to do the research and crunch the numbers, the argument goes, they could make better financial decisions, including the decision to locate in a neighbourhood that truly reduces their costs.

The reality is that many people are simply too busy with work, families and other commitments to dig up non-transparent costs and perform the needed financial analysis for home buying, car buying, retirement planning, energy efficiency investments and the many other long-term financial decisions they face.

In order for real people to make the best decisions, they require relevant information. Housing + transportation affordability indices are an attempt to start developing that information. Ultimately, relevant information needs to be supplied to homebuyers when they are making decisions about whether to buy the house. It is very unlikely that all

vendors of suburban housing will voluntarily perform the calculations and tell prospective buyers about the additional costs required in order to use their products. If markets don’t provide such information, governments will need to step in.

AN IMPROVED MEASURE OF AFFORDABILITY: HOUSING + TRANSPORTATION INDEX

Researchers are beginning to cast light on the combined costs of home ownership and transportation. For example, the Center for Neighbourhood Technology has developed the Housing + Transportation Index, based on 337 US metropolitan regions. The index demonstrates that homeowners can save thousands of dollars per year in transportation costs by locating in compact, rather than dispersed, communities. Aggregated across an entire municipality, it can add up to hundreds of millions or even billions of dollars of savings per year.⁶⁵

“Families who pursue a ‘drive ‘til you qualify’ approach to home ownership in an effort to reduce expenses often pay more in higher transportation costs than they save on housing, thereby placing more, not less, stress on their budgets.”

– A. MOTLUCK⁶⁶

Research for Canada Mortgage and Housing Corporation (CMHC) on a housing + transportation index showed that in Calgary, being able to eliminate one car per household would put many more homes within financial reach of the potential buyer – depending on income level, up to 18 times as many homes.⁶⁷

Even if the housing + transportation costs are eventually displayed prominently on housing product information, it is far from clear that buyers will be able to make the “rational” decision that ideal economic actors would make. Behavioural economics has provided important insights about real-world decision-making, including the tendency to heavily discount future costs and benefits.⁶⁸ Simply put, many people tend to make decisions based on immediate costs and benefits, and they downplay future costs. Thus, there may need to be policy interventions that extend beyond the provision of information and that effectively reduce the risk of homebuyers overextending on transportation costs (just as CMHC now intervenes to reduce the risk of overextension on home mortgage payments).

The hidden household transportation costs of sprawl become even more important in light of potential energy cost increases. Although fuel prices are below their 2007 peak, in 2013 they are still historically high despite a major

global recession followed by a prolonged economic slowdown. Oil prices could well climb in the future: demand in developing countries continues, while the current boost to OECD unconventional production appears set to last little more than a decade.⁶⁹ As jurisdictions around the world continue to respond to climate change by expanding carbon pricing and regulation, the cost of fuel is likely to rise even further.

Higher fuel prices would have a disproportionate financial impact on suburban homeowners. If enough of those homeowners find themselves unable to afford their transportation costs, the value of suburban and exurban homes could tumble. This is what happened in the US housing bubble collapse; house values in areas requiring lengthy commutes fell more rapidly than those in central, compact neighbourhoods.⁷⁰ And when home values go down, many owners find themselves holding more debt than assets.⁷¹

HEALTH IMPACTS

The health costs of smog from vehicle emissions, and injury and death from traffic collisions, are discussed above. However, there are other health impacts of sprawl.

The research is still relatively new, but the literature has already identified linkages between sprawl and a large number of chronic diseases and risk factors.⁷² For example, University of Toronto researchers found that populations in less walkable neighbourhoods develop higher levels of diabetes; among new immigrants, the rate is 50% higher in the least walkable areas compared to the most walkable.⁷³ Another study states that there are “public health consequences of urban sprawl... [I]ncreasingly sedentary lifestyles now contribute to greater levels of obesity, diabetes and other associated chronic diseases.”⁷⁴ Furthermore, there are mental health impacts, ranging from loss of sense of community and social capital, to driver stress and road rage.⁷⁵

What about the risk of injury from violence? Even in American cities (where the risk of death due to violent crime is far higher than in Canadian cities), when considering crime and car crashes together, suburbs and particularly exurbs have a higher overall risk of violent death. This is due to the higher incidence of collisions in comparison to crime.⁷⁶ A study of the largest 101 metropolitan areas of the US determined that the degree of urban sprawl is directly related to traffic fatalities and pedestrian fatalities.⁷⁷ In Canada, although death rates from motor vehicle collisions are declining in response to consumer safety requirements, motor vehicle collisions still kill more than 2,000 Canadians a year.⁷⁸ Although the media and the federal government have made a political priority out of violent crime, the real health priority is automobile collisions, which kill four times as many Canadians as die from homicide.⁷⁹

ECOSYSTEM SERVICES

The natural areas surrounding municipalities provide a range of ecosystem services that have value to residents, businesses and municipal governments. These services include water filtration, storage and runoff control, fresh air, erosion control, pollination, recreation and aesthetic enjoyment.

These ecosystem services don't appear on financial statements, but they are real, and economists have quantified them. For example, the total value of ecosystem services provided by Toronto's greenbelt has been estimated at \$2.6 billion annually.⁸⁰

The City of New York has purchased land and conservation easements in the Catskill/Delaware watershed in order to protect its drinking water supplies, avoiding \$6 billion to \$10 billion in water filtration plant capital costs and more than \$300 million per year in operations.⁸¹

Where municipalities do not protect their surrounding environment, sprawl can literally pave over agricultural and natural spaces, displacing, damaging and even eliminating some of these services.

MUNICIPAL ALTERNATIVES AND INNOVATIONS

The purpose of this section is to discuss ways of preventing or reducing future sprawl at the suburban growth boundary and beyond (see Figure 5) and of revitalizing inner areas of municipalities.

Municipalities across Canada recognize the high costs of sprawl and have identified goals for the reduction of future sprawl and the creation of more liveable communities:

- **St. John's (Nfld.) Municipal Plan.** Urban form objective is to “encourage compact urban form to reinforce the older areas of St. John's, to reduce the cost of municipal services, and to ensure orderly development in new areas.”⁸²
- **Saint John (N.B.) Municipal Plan.** “City Structure Goals: 1) Limit urban and rural sprawl and use land more efficiently. 2) Revitalize existing communities through compact development, context-appropriate infill, and promoting infill development on vacant and underused properties. ... 6) Develop a compact built form that supports both a healthy lifestyle and efficient, convenient and viable alternative transportation choices, including transit, walking and cycling.”⁸³
- **Ottawa Official Plan.** “The policy direction of this Plan is to promote an efficient land-use pattern within the urban area through intensification of locations that are strategically aligned with the transportation network, particularly the rapid transit network, and to achieve higher density development in greenfield locations.”⁸⁴

- **Hamilton Transportation Master Plan.** Objective: “Encourage a more compact urban form, land use intensification and transit-supportive node and corridor development.”⁸⁵
- **Saskatoon Integrated Growth.** The Integrated Growth Plan endorsed by city council “will mean a change in focus from planning new greenfield developments to balancing outward growth with strong infill development in locations and forms that make sense.”⁸⁶
- **Calgary Municipal Development Plan.** Urban form goal is to “direct future growth of the city in a way that fosters a more compact, efficient use of land, creates complete communities, allows for greater mobility choices and enhances vitality and character in local neighbourhoods.”⁸⁷
- **Metro Vancouver.** “Goal 1: Create a compact urban area.”⁸⁸

A 2005 CMHC study examined six major metropolitan areas across Canada and found a distinct lack of progress in restraining sprawl.⁸⁹ The 2011 Census of Canada notes that the majority of population growth is in the suburbs,⁹⁰ and municipalities still commonly anticipate upwards of 70% of development ending up in greenfield locations.

Fortunately, there are effective solutions. Public policy can shift price signals and transform markets so they help manage municipal sprawl and create more liveable communities. They can also help boost the economy and help balance government finances.

PRICING

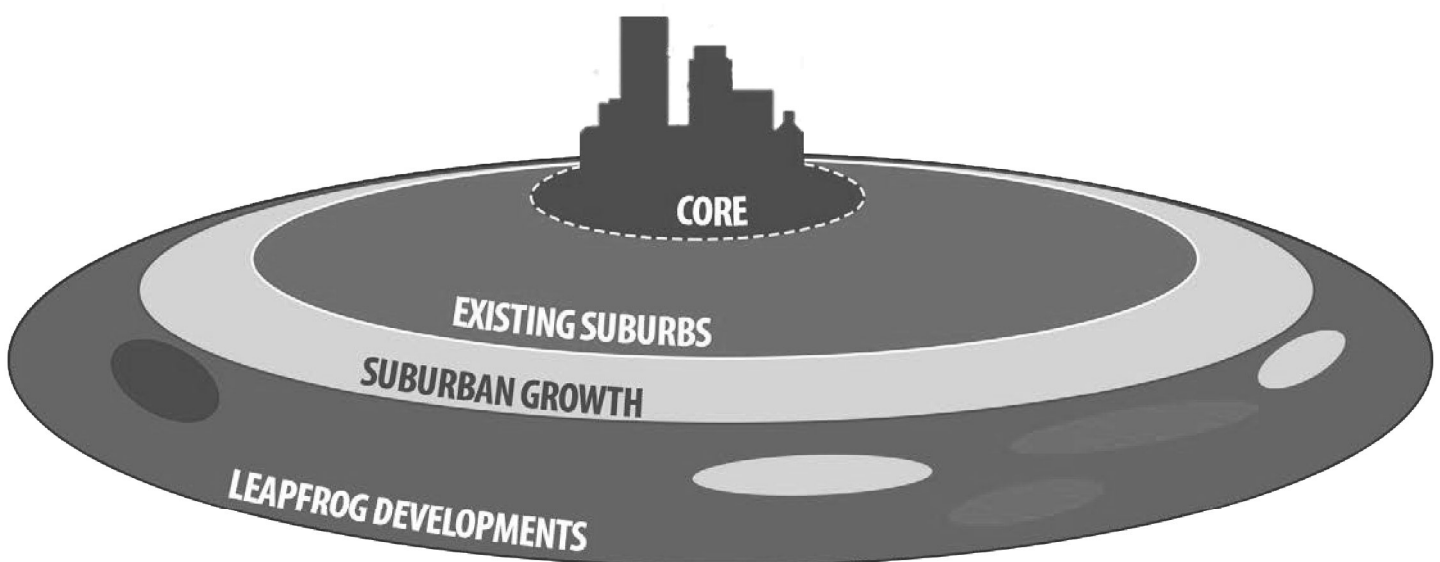
There are many public policy instruments that can correct the price relationships that currently encourage sprawl. In addition to reducing the future growth of sprawl, such policy instruments can revitalize urban cores and existing suburbs, raising property values for existing owners.

This section outlines a variety of policy instruments that directly alter prices – for example, through taxes, user fees and the like. Many other types of instruments also affect prices, albeit indirectly. For instance, urban growth boundaries (UGBs) – greenbelts that define limits to where development can take place – also affect prices. UGBs are an effective tool for reducing sprawl in a defined area, though sprawl can leapfrog across a UGB if it is too small, and prices are driven up throughout the area. UGBs have been used in many urban areas, such as Vancouver, Portland and now Toronto.

Using prices to influence choices is a “softer” mechanism than regulation; it allows for greater economic efficiency, as well as some degree of flexibility. If, for instance, the cost of commuting by automobile goes up while the cost of commuting by transit goes down, an individual can still choose to use the automobile if and when desired. If infill development is made more profitable than suburban tract development, individual developers could still choose to build in suburban areas.

However, not all the elements behind a given price can be reformed. For instance, land distant from amenities will tend to remain cheaper than land close to amenities. Also,

FIGURE 5: URBAN-SUBURBAN-EXURBAN STRUCTURE



reforming prices won't solve all problems. For some problems, there is still a need for regulation. For example, zoning bylaws will always be required in order to provide an appropriate separation distance between truly incompatible uses. And it may be that pricing-reform policy changes are resisted by vested interests, in which case governments will be forced to consider regulation to achieve their goals.

RETROFITTING SUBURBIA

Canada has an enormous stock of existing suburbs. Over time, if left unattended, infrastructure begins to wear and crumble, children of the original homebuyers graduate and schools close, making the neighbourhood less appealing. Families move out, strip malls are shuttered. If the neighbourhood is not revitalized, vacancies, vandalism and crime can follow.

At the same time, many cities aim to reduce the extent of future greenfield sprawl. Yet, with Canada's population continuing to rise in coming decades, new development is going to have to go somewhere.

Existing suburbs present an tremendous opportunity to reduce the extent of greenfield sprawl, and to densify and revitalize cities.

These three forces – the aging of existing suburbs, the reining in of future greenfield development and the continued growth in population – have sparked an interest in redeveloping existing suburbs. Many communities worldwide are in the midst of doing so under the banner of “retrofitting suburbia” – the redevelopment of vacant lots, abandoned malls and big-box stores, inner city surface-parking lots, brownfield sites (abandoned industrial sites), decaying older suburbs, etc.⁹¹

With another 6 million to 14 million Canadians needing housing in the next 24 years,⁹² there is a opportunity to achieve the kinds of urban form goals that municipalities have adopted. If prices can be aligned to support the retrofitting of suburbia, along with some relaxation of zoning and density rules, it could quickly grow to scale.

While prices have the advantage of allowing for “choice,” it is important to bear in mind that choice isn't everything: equity, economic mobility and social stability are important, and spending choices are more restricted for those with lower incomes. There is a need to ensure fairness – to consider equity, economic mobility and social stability when designing pricing policies (see section on Equity and Fairness).

Public acceptability is, of course, vitally important to the potential success of using pricing instruments to resolve sprawl concerns. Despite received wisdom, residents are generally supportive of municipalities generating revenues

and delivering good services. For example, a majority of Calgarians⁹³ would prefer to see taxes increased in order to maintain or improve service levels. Only 7% would like to see services and taxes cut (see Figure 6). These proportions have remained consistent over the years.

ERODING THE TAX BASE

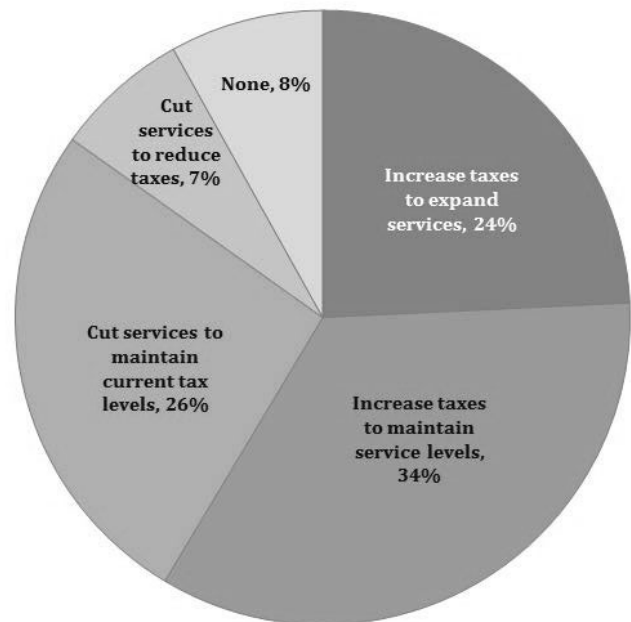
One objection to taxes that seek, as a matter of policy, to reduce social harms (“bads”) is that they could undermine their own base. If, for instance, a carbon tax reduced fossil fuel consumption significantly, then government revenue would decline.

Given that the primary policy aim of taxing externalities is to reduce the bad, achieving that goal counts as a success. Revenues can be restored by boosting the tax rate. If that rate eventually becomes too high, taxes on other bads can be instituted.

If all of the bads end up being greatly reduced or eliminated, then the overall program can be considered a major success. Some public expenses, like health care, will fall if externalities are reduced. But if the revenues need to be replaced, the policy focus can return to raising revenues by taxing goods, such as income and consumption.

Interestingly, when asked what type of revenues the City should collect if it needs more, 73% support new or expanded user fees, while only 27% support increased property taxes. Again this is consistent over the years.

FIGURE 6: CALGARIANS' SUPPORT FOR MUNICIPAL TAXES (2012)



Source: Ipsos Reid⁹⁴

Citizen satisfaction surveys like Calgary's are conducted in cities across Canada, and national norms are consistent with the findings in Calgary: the majority of residents prefer to see taxes increased to maintain or expand services, while a small minority would prefer cuts to taxes and services.

TABLE 4: NATIONAL NORMS – CITIZEN SATISFACTION SURVEYS⁹⁵

PREFERENCE	%
Increase taxes to enhance or expand services	22
Increase taxes to maintain services at current level	32
Cut services to maintain current tax level	22
Cut services to reduce taxes	11

The types of policy instruments discussed below are available to municipalities to varying degrees. The legal capacity of municipalities to implement some of these policy instruments is determined by each province. This is discussed later, in the Municipal Authority section.

DEVELOPMENT CHARGES

As noted earlier, new developments bring costs to municipal government, and some of these costs are recovered from developers through development charges (also termed development cost charges, development levies, off-site levies).⁹⁶

The costs of development vary considerably. For developments that are close to existing infrastructure (e.g., infill), the costs tend to be relatively low. Those that are far from existing infrastructure tend to have higher costs. Some types of infrastructure have costs that vary by length (e.g., roads and pipes), which results in costs being higher for low-density development.

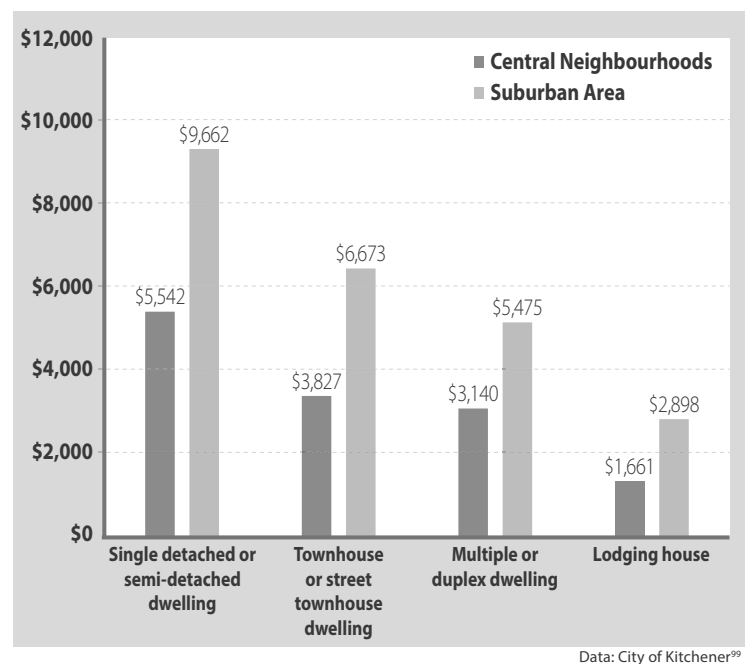
Despite these variations in costs, many municipalities have charged a flat development charge rate per unit or per unit area (square footage). This results in location, density and other cost drivers being ignored in the calculation of development charge rates. Thus, compact, location-efficient developments end up subsidizing far-flung sprawling developments, thereby providing another financial incentive for economically inefficient development.⁹⁷

Development charges can better reflect direct and indirect infrastructure and other costs engendered by development. Development charges can be adjusted so they are relatively low on developments near municipal cores and relatively high on developments in greenfield areas on urban fringes. This can be done cost-effectively by calculating development charge rates based on the area in which the development is taking place (area-specific rating), which is easier than

calculating the exact costs on a per-unit basis (marginal cost rating).

As an example, the City of Kitchener has set lower development charges for central neighbourhoods as compared to suburban areas. Comparing fully serviced lots, suburban charges are 74% higher than those for central neighbourhoods across all building types (see Figure 7).⁹⁸ Even semi-serviced suburban lots (no sewage or water service) require a 40% higher development charge than fully serviced lots in central neighbourhoods. For non-residential buildings, the difference is even starker. Fully serviced suburban lot charges are 157% higher, and semi-serviced suburban lots 84% higher, than fully serviced central lots.

FIGURE 7: KITCHENER RESIDENTIAL DEVELOPMENT CHARGE RATES (FULLY SERVICED LOTS)



Ottawa has similar rate differentials for development outside its greenbelt.¹⁰⁰ The City of Hamilton has taken a slightly different approach with a similar pricing result, providing a 90% exemption from development charges payable for developments in the downtown area.¹⁰¹

In addition to adjusting charges based on location, municipalities can provide incentives for particular types of development, such as redevelopment of brownfield (old industrial) sites, development in areas well served by transit, or infill of older inner-ring suburbs (see earlier discussion of retrofitting suburbia). The City of Hamilton, for example, has established exemptions and credits of up to 100% of the costs of development charges or environmental remediation required to redevelop a brownfield site.

Revisiting the development charge structure across the board gives municipalities an opportunity to reduce,

eliminate and even reverse some of the subsidies that many are currently providing to suburban sprawl. Municipalities are moving on this opportunity. For example, Calgary recently reached an agreement with developers to double the development charges on new suburbs;¹⁰² Mayor Naheed Nenshi would like to see them doubled again.¹⁰³ Peel Region also recently decided to double its development charges after being faced with the data indicating that development was not paying for itself.¹⁰⁴ Ottawa is currently phasing in increased development charges.¹⁰⁵ Below, in the section on Municipal Authority, some of the legislative limits on development charge reform will be discussed.

UTILITY PRICING REFORM

Many local utilities are based on networks of infrastructure, e.g., water delivery, wastewater (sewage) collection and electricity delivery. The larger the network infrastructure requirements per dwelling, the higher the capital investment cost. This means that sprawling, low-density developments are less cost-efficient than higher-density developments. Likewise, developments in new greenfield areas that don't already have infrastructure in place will have higher costs than redevelopment of central and established areas that have good infrastructure.

Not only do the capital costs of providing municipal servicing to sprawling areas tend to be higher, but so do operation and maintenance costs. For example, solid waste collection that requires more driving time and fuel use will be more costly. Moving water and wastewater greater distances boosts pumping costs; a study of data from 10 municipal wastewater systems in the Great Lakes area of the United States found that operation and maintenance costs in low-density areas is higher – sometimes more than twice as high – as it is in higher-density areas. The same is true for distance to utility plants.¹⁰⁶ As Enid Slack puts it:

“Given the evidence that the cost of services increases directly with distance and inversely with the density of development, the most costly areas to service logically tend to be the outlying, low-density developments.”¹⁰⁷

These findings suggest that in municipalities where services are charged at the same rate regardless of density or location, the higher-density and central areas are subsidizing the low-density and sprawling areas. The policy implications of this wealth transfer are clear: the financial subsidy should be eliminated. Municipalities can charge for utilities based on costs related to frontage (property width, measured at the front of the lot) and, in fact, many do so.

For example, the City of Terrace charges \$0.65/foot for water main,¹⁰⁸ while Winnipeg charges \$0.95/foot for water main and \$2.95/foot for sewer main.¹⁰⁹ Such charges help create a financial incentive for denser development.

PROPERTY TAX REFORM

Municipalities levy property taxes through a basic formula: the assessed value of the property multiplied by the tax rate (sometimes called the mill rate) produces the annual tax payable. There are some variations on the basic formula, as will be seen below. Tax rates are calculated once the total assessed values and annual municipal revenue needs are determined.

LAND VALUE TAXATION

Property value is composed of two elements: the value of land and the value of buildings or other “improvements” on the land. Taxing the improvements on land, which is part of market value assessment, provides a disincentive to improve that land.

Land value taxation means levying the tax on the land value only, not the improvement value. A variant – having property tax based on both values, but more heavily weighted on the land component of the value – is termed “split-rate taxation.” Land value taxation or split-rate taxation would boost the financial incentive to improve underutilized land.¹¹⁰

Many downtown cores in Canada have derelict buildings, empty lots and relatively low-value surface-parking lots. Shifting to a system of land value taxation or split-rate taxation would provide greater incentive to redevelop such sites and put them to a higher-value use. Doing so would boost the density of the urban core, thereby reducing the demand for suburban land.

Cities in Pennsylvania have experimented with land value taxation. In 1979–80, the City of Pittsburgh shifted to a split-rate taxation that boosted the tax on the land component to more than five times the rate on structures. It experienced a “dramatic increase in building activity, far in excess of other cities in the region,” particularly in the commercial sector. While demand for commercial space was an important factor in this growth, the evidence suggests that the shift toward land taxation was important in enabling the city to avoid rate increases in other taxes that could have impeded development.¹¹¹

“[One] way to promote compact metropolitan development would be to ... adopt split-rate property taxation. Under this type of property tax reform, a city can lower the tax rate on buildings and other capital improvements and still maintain the level of municipal services by raising the tax rate on land values. The Commonwealth of Pennsylvania has had this form of property taxation since 1913. Pittsburgh and Scranton have been the pioneers in tax reform, but by 1995, some 15 cities in the Keystone State had adopted two-rate property taxation.”

– R. ENGLAND¹¹²

One complication is that if tax rates on all unimproved lands rise, farmers would end up paying more, boosting their incentive to sell to property developers. However, this effect could be mitigated or eliminated by reducing the tax rate for land that is actively farmed.

PROPERTY CLASS TAX REFORM

Some municipalities vary tax rates across property classes. In Edmonton, for example, the tax rate on higher-density apartment buildings is greater than the rate on single-family dwellings.¹¹³ This creates an incentive to build at a lower density, which contradicts Edmonton's stated goals of increased density.¹¹⁴ Toronto's property class rates are similarly skewed against existing multi-residential buildings,¹¹⁵ but other cities' are not (e.g., Hamilton,¹¹⁶ and Winnipeg¹¹⁷). Some Montreal boroughs have higher rates for multi-unit dwellings, while others have lower rates.¹¹⁸

Whatever the rationale for varying rates on different types of property,¹¹⁹ those rates will affect the incentives in relation to density of development. In order to serve municipal goals of higher density, property class tax rates can be structured to favour multi-residential, townhouse and other relatively dense classes.

In addition, higher property tax rates for parking lot and vacant land classes would encourage more productive development.¹²⁰ This would have a similar effect to land value or split-rate taxation, without the side effect of making farming more expensive.

SPATIAL-BASED REFORM

Some municipalities set standard tax rates across the entire municipality. Others vary their tax rates by location, e.g., Hamilton¹²¹ and Winnipeg.¹²² Hamilton currently has higher tax rates for properties that are in the central part of the city and well served by transit.¹²³ These rates constitute a financial incentive for development in outlying communities and away from transit. This undermines Hamilton's Transportation Master Plan objective of encouraging "a more compact urban form, land use intensification and transit-supportive node and corridor development."¹²⁴

Removing area rating in such cases would help to revitalize central neighbourhoods and achieve municipal goals related to increased density and transit use. A further step in the same direction would be for municipalities to have lower rates in central areas and near transit. Provincial legislation governs what is possible for area rating; Ontario's Municipal Act, for example, would require amendment to expand the range of factors that could be used to set area rates.

As noted earlier (see Utility Pricing Reform section), some municipalities also have a frontage levy – an annual charge based on property width, which is added to the property tax bill. Such a charge not only addresses the cost of providing utilities to properties, but also functions as an encouragement to denser development.

TARGETED TAX REDUCTIONS

Municipalities can provide special tax reductions aimed at reducing future sprawling development.

For instance, municipalities can provide tax reductions for development of brownfield sites, which will reduce the demand for greenfield building sites. The City of Windsor's Brownfields Property Tax Assistance Program cancels any increase on property taxes for a brownfield property undergoing remediation and development.¹²⁵ The City also provides grants for brownfield rehabilitation.

Reducing tax rates for farms can make farming more viable in the face of challenges from global competition, farm subsidies and subsidized food transportation. Ontario, for instance, has adopted a reduced tax rate for farm properties: 25% of the normal property tax rate. This provides an incentive for farmers to stay in the business of farming, rather than selling their farms to developers.¹²⁶ Likewise, a municipality can adopt special tax rates for other green spaces protected from development by a conservation covenant.¹²⁷

TRANSPORTATION PRICING REFORM

The subsidies to motor vehicle transportation, discussed above, provide an added incentive to live and conduct business in sprawling areas. Eliminating those subsidies, and applying the savings to sustainable transportation modes, will help to rein in sprawl.¹²⁸ There are many policy instruments that can be used to alter the suite of transportation prices facing individuals and firms.¹²⁹

TRANSIT, CAR SHARING, AND ACTIVE TRANSPORTATION SUBSIDIES

Subsidizing transit, car sharing¹³⁰ and active transportation (walking and cycling) infrastructure will reduce the environmental costs of transportation and make living in urban neighbourhoods more attractive.

A significant impact of providing transit is its ability to help reshape a municipality. Surface transit (bus and streetcar/light rail) helps build ribbons of greater density along its routes. Subways and sky trains build nodes of greater density along their routes. Central networks of transit help build density throughout a municipal core. These various forms of added density help to reduce the growth of sprawling development on the urban fringes.

Of course, it matters where transit is built. Transit in urban cores and established areas can attract residents and businesses, reducing sprawl. Building transit systems that extend into sprawling areas can provide an added incentive to sprawl.

The costs of transit are often cited as a rationale for not proceeding with transit system expansion. However, as shown earlier, Canadian governments spend far more on

roads every year than they spend on transit – nearly four times as much – and Canada is the only G8 country without a national, long-term transit funding strategy.¹³¹

FIGURE 8: NODES OF DENSITY AT SUBWAY STOPS, YONGE STREET, TORONTO



Image: phototouring¹³²

The initial investment costs of transit system improvements can be offset by capturing the increase in nearby real estate values created by the improvements. Municipal governments capture some of the value increases through higher tax revenues from increased density. They can also purchase property near future transit locations and then rent or sell it when the value has risen. And, of course, all levels of government will benefit financially from reduced automobile use and its attendant costs.

PARKING PRICING

Parking is often provided at a subsidy, even free of charge, although there are real costs that are borne by society.

Parking prices can be reformed to pay for the overall costs of parking and to help achieve municipal goals like slowing sprawl and revitalizing urban cores. Currently, parking downtown in many municipalities costs money, while parking is provided free of charge in suburban malls, big box stores and business parks. Free suburban parking provides a gravitational pull for shoppers, employers and others – undercutting downtown businesses and helping to hollow out central areas. Municipalities (and provinces) could eliminate and even reverse this pull by charging for parking in suburban areas. Doing so would not only encourage greater use of sustainable transportation modes and help downtown areas, it would also reduce demand for parking, freeing up land for other purposes.

The technology to price parking in suburban lots already exists and is in use. Metered parking lots with self-serve kiosks are quite common and can be expanded across municipal regions. Mobile phone technology can make it even more convenient to make payments.

Parking taxes (also termed parking levies) can be tailored in a number of different ways, one of which is to apply them only to parking lots that are currently unpriced.¹³³ This would provide an incentive to charge for parking in such lots, and to provide less “free” parking space.¹³⁴ Parking taxes could be adjusted to provide for reduced rates for efficient forms typically found in urban cores, such as underground parking or parkades above commercial uses.¹³⁵

Provincial governments can implement a range of such parking tax systems or can give municipalities powers to do so.¹³⁶ Parking fines could be increased in order to encourage better compliance with parking rules and free up more parking spaces.

FUEL TAXES

Fuel taxes boost the costs of commuting and provide a disincentive to locating far from urban cores. A US Federal Reserve Board study across several large municipal areas between 1981 and 2008 found that a 10% increase in gas prices resulted in a long-term 10% decline in new house construction in areas with long commuting distances.¹³⁷

A study of Canada’s 12 largest metropolitan areas concluded that higher gasoline prices contributed significantly to reducing sprawl: a 1% increase in price caused an average 0.32% increase in the population living in the inner city and a 1.28% decrease in low-density housing units. Gasoline prices were found to be a larger influence on sprawl than household income or the population of a major census area.¹³⁸

As noted earlier, existing fuel taxes (even when added to the full basket of road user fees) fail to cover the financial costs of roads, let alone the social cost. In addition, fuel taxes in North America are at the bottom of the pack in the developed world. By both measures, there is room to increase fuel taxes as many other countries have done (see Figure 10).

Municipalities in Canada do not generally have authority to levy fuel taxes independently. Both the provincial and federal levels of government have established fuel taxes, and there is some revenue sharing with municipalities. The tax rates could be raised and more revenue shared with municipalities. Alternatively, providing municipalities the authority to establish fuel taxes would give them another tool with which to reduce the subsidies to sprawl. Metro Vancouver has the authority to set a local portion of the fuel tax and collect the proceeds, and the money is provided to the regional transit and transportation authority.¹³⁹ Such authority also helps to balance the books, as well as helping municipalities diversify away from their dependence on the property tax. Every penny of fuel tax in Toronto, for instance, would be worth a 1-3% change in property tax.¹⁴⁰

If structured as an ad valorem tax, rather than a per-litre tax, a municipal fuel tax would grow when fuel prices rose, just as income tax revenues do when incomes rise.

“Not only could the application of a municipal fuel tax raise the price paid by road users to a level that is more in line with the cost (production costs plus environmental costs) of providing roads, it would permit cities to have funds for improving and reconstructing their local roads and provide them with funds for public transit if they so desire. It would also lead to a more efficient use of local roads.”

– H. KITCHEN¹⁴¹

ECONOMIC BENEFITS OF MANAGING SPRAWL

As noted earlier, addressing the negative externalities associated with sprawl reduces economic distortions and boosts economic efficiency and overall welfare. In addition, filling in the spatial gaps in cities and raising urban density can bring about what economists term “economies of agglomeration.”

Higher urban density results in spreading the fixed costs of infrastructure over more businesses and households, reducing costs on a per-unit basis. It also improves the access of firms to workers and vice versa. Firms have more potential workers to choose from, resulting in better employment fit and higher labour productivity.¹⁴² Job seekers also have more employers to choose from, reducing unemployment. The greater density of firms and employees results in knowledge spillovers, both within sectors and between sectors. Urban density also improves the access of firms to suppliers and markets. Proximity of firms in related or complementary industries allows for productivity gains through specialization and outsourcing.

Such economies of agglomeration boost economic growth, and it appears that, as the economy tends toward being information-based, that association will grow stronger.¹⁴³

In the Greater Toronto Area, for instance, population growth has accelerated downtown, in 2006-2011 exceeding growth in the surrounding regions of Peel, York-Durham and Halton for the first time since the early 1970s. The downtown population is both younger and better educated, and they report that being close to work and public transit are their top two reasons for living downtown. Employers are moving to downtown to attract this workforce and access the market.¹⁴⁴

In addition to the benefits of density generally, some of the individual policy tools involved in managing sprawl also bring particular benefits. Governments have invested billions of dollars in job creation, and it is important to get the most bang for the buck. It turns out that public transit is a strong job creator. Transit creates more than 20 person-years of employment per million dollars invested – an employment return on investment more than five times higher than that of the oil and gas extraction sector, for example.¹⁴⁵ Construction and maintenance of transit also have very positive employment multipliers (see Figure 9).

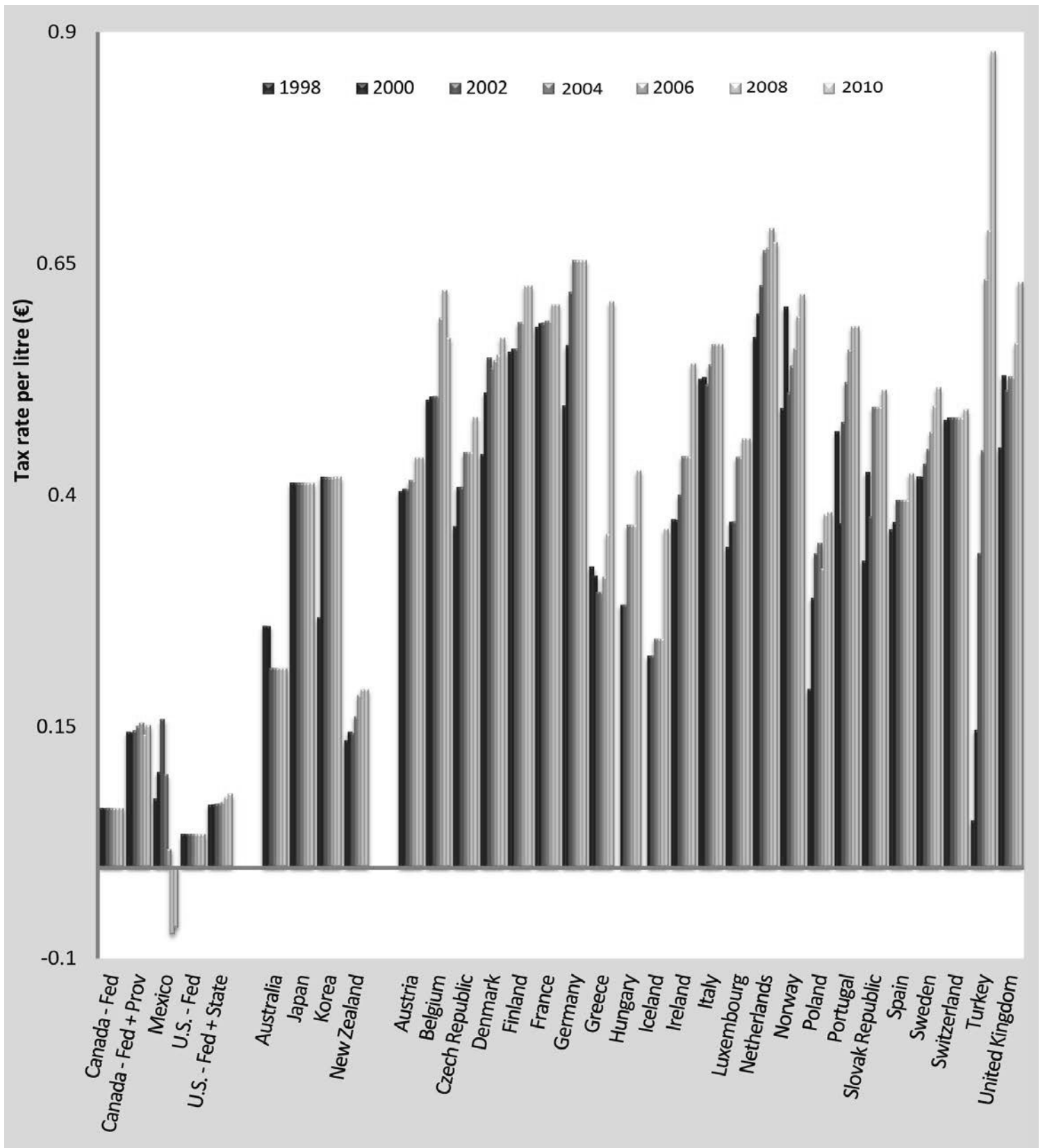
Moreover, the employment and economic benefits of transit tend to stay local. Operating transit systems is a labour-intensive activity, as is construction. The money spent on wages ends up being recirculated in the local economy. Figure 9 demonstrates the contrast between the high levels of direct and indirect employment created by labour-intensive transit and ground transportation and the low levels created by oil and gas extraction, which is capital intensive. For the oil and gas sector, few jobs are created because much of the money spent ends up leaving the local economy to bring in imported equipment.

FIGURE 9: CANADIAN EMPLOYMENT MULTIPLIERS – SELECTED SECTORS (DIRECT AND INDIRECT EMPLOYMENT)



Source: After Thompson and Joseph, data from Statistics Canada¹⁴⁵

FIGURE 10: DEVELOPED COUNTRY UNLEADED FUEL TAXES



Source: OECD¹⁷

ROAD USE PRICING

Another option for reforming transportation pricing is to charge directly for road use.¹⁴⁸ Tolling technology has come a long way since the days of toll booths that stop traffic. Billing on the 407 toll highway in Ontario, for instance, is fully automated.

“There is ... real potential for municipalities to introduce user fees in the area of non-public transportation, especially given the emergence of new, efficient technologies to collect tolls.”

– TD BANK¹⁴⁹

There are several ways to implement road pricing.¹⁵⁰ Many methods can be tailored to help rein in the impacts of sprawl.

Road Tolls. Tolls can be charged for the use of a particular section of road, which can be long or short. Tolling a network of urban ring and radial roads can provide a disincentive to long commutes.

Cordon (Area) Tolls. Cordon tolls are fees paid by motorists to drive into a particular area, usually a city centre. The London (UK) cordon toll has reduced congestion and sped up traffic dramatically compared to baseline levels, as well as providing funds for transit expansion. Complementary measures are needed to reduce the risk of driving people and businesses toward suburbs, e.g., exemptions for central area residents, ring-road tolls.

Congestion Pricing (Value Pricing). Congestion Pricing means varying toll charges over time and across locations to reduce traffic congestion and peak-period commuter traffic volumes. Variation can be on a fixed schedule or dynamic to reflect real-time congestion.

HOT Lanes. High Occupancy Toll (HOT) lanes are essentially Carpool/High Occupancy Vehicle (HOV) lanes that also allow low occupancy vehicles paying tolls. Provided that the toll-paying, low occupancy vehicles don't displace or slow the high-occupancy vehicles,¹⁵¹ HOT lanes assist in reducing congestion and emissions. HOT lanes, like other road pricing systems, can provide revenues to support transit, downtown renewal, brownfield remediation and so on.¹⁵²

DISTANCE-BASED PRICING

Motorists currently pay a number of annual and one-time flat-rate fees and charges, which could be restructured to reflect the amount they drive.¹⁵³ Such a restructuring would reward decisions to locate in central areas of town rather than distant areas requiring long commutes.

Vehicle registration and licensing fees, for instance, could be based on kilometres travelled per year. Currently, authority to collect such fees rests with provincial governments but this could be changed, and some major cities have already been given the authority to do so (e.g., Toronto, Vancouver

and many large cities in Quebec).¹⁵⁴ Similarly, insurance premiums can be pro-rated to distance travelled – termed pay-as-you-drive (PAYD) insurance pricing.¹⁵⁵

INFORMATION

While not directly affecting prices, providing information to market participants can bolster the impact of prices. For example, municipal governments could publish community walkability scores¹⁵⁶ and housing + transportation index scores (see Personal Household Costs section). If provincial governments or industry associations required real estate agents and mortgage lenders to provide such scores, it could assist homebuyers in making well-informed decisions.¹⁵⁷

EQUITY AND FAIRNESS

Pricing instruments to manage future sprawl, if poorly designed, could unfairly affect lower income Canadians. This is an important concern, and not just for those with lower incomes and the fair-minded majority of Canadians; if this concern is not addressed, the proposed policy changes likely won't attract a wide enough constituency to be adopted.

User pay systems have a well-deserved reputation for being regressive in their impact. Since the 1980s and 1990s, many local and higher level governments have gone through periods of imposing what have been called “user fees.” Often these weren't really user fees at all, but rather flat charges levied on a per-person, per-household or similar basis. Nor were they applied to reducing negative externalities; indeed, they were often levied against goods with positive externalities, such as health care (see Externalities discussion, above). Such charges were more akin to poll taxes (annual per-person head taxes) and, understandably, about as unpopular.

Applying a flat tax or charge unrelated to consumption carries little or no justification other than raising revenue. Intelligent design of pricing instruments can make them target the “bad” more accurately, and protect lower income people. For instance, raising property tax rates on single-family dwellings while reducing rates on multi-family rental dwellings (as some Montreal boroughs have done) will tend to be more progressive than flat rates, or rates that are higher on multi-family dwellings. Likewise, frontage rates for utilities will cost more for bigger properties, which – other things being equal – tend to be owned by people with more money.

Note the reference to “other things being equal.” Sometimes other things are not equal, and a particular instrument's revenue-raising side might have an unintended regressive consequence. For instance, a lower income person in a bungalow in an older part of town may have a 50-foot lot, while an expensive house sits on a newer 40-foot lot. The lower income person ends up paying a higher frontage rate than the owner of the expensive house.

The other side of the instrument, however, is revenue spending – and the revenue can be used in a way that makes the overall instrument neutral or even progressive (e.g., spending the revenue on income supports, transit subsidies or affordable housing).

Finally, an individual pricing instrument – even if it has a regressive impact in a particular case – can be part of a larger program of policy changes that overall is progressive. What matters is not whether an individual element of a particular reform package is regressive, but whether the package overall is more regressive than the alternative. Bearing in mind that property taxes have a regressive impact,¹⁵⁸ it is necessary to ensure that any revenue streams that replace it are at least less regressive, and ideally progressive.

A few simple principles could usefully inform a fair pricing guideline:

- Apply fees, charges and taxes to negative externalities, and subsidies to positive externalities.
- Design pricing instruments to provide “lifeline” or progressive rates, i.e., low or zero price rates for modest use of goods and services, and higher rates for larger quantities.
- Design pricing instruments to phase in transition to new prices, which will allow people to plan ahead in order to reduce disruption.
- Design pricing instruments to “grandfather” some prices for existing uses, or exempt qualified ratepayers (e.g., where a user fee or a shift in property tax structures could hurt retirees on fixed incomes).
- Where a pricing instrument cannot be designed to have a progressive impact, employ the revenues from it, or develop a companion instrument or program of instruments, to provide compensation for lower income people (e.g., use road tolls to subsidize transit, or provide income assistance).
- Employ a review lens of fairness and political acceptability in all stages of pricing implementation: issue identification, instrument selection, instrument design and communication.

Finally, in addition to considering the impact of individual policy instruments, it is important to bear in mind the overall distributional impacts of sprawl pricing. By reducing further sprawl, pricing helps to reduce vehicle use and smog emissions that harm lower income people disproportionately.¹⁵⁹ By making housing in central areas with good transit less expensive, it provides living arrangements that are truly more affordable (rather than distant houses with low sticker prices and expensive automobile dependence).

DIVERSE INCENTIVES

As shown, there are many tools available to municipalities to help reduce future sprawl and create more liveable communities. Employing a diverse range of tools is useful, for many reasons.

First, adopting a range of policies sends a clear signal about the overall policy direction of the (municipal or other) government. For example, the City of Kitchener, Ontario has signalled that it wishes to “facilitate the reurbanization of developed areas of the city, including the downtown and central neighbourhoods, by stimulating private sector investment in the reuse of vacant and underutilized lands,” and to that end, it is offering a “comprehensive package of financial incentives.”¹⁶⁰ A clear signal about the government’s intentions can influence private planning and investment decisions – above and beyond the influence of the pricing instruments adopted.

Second, the tools have different types of impact. For instance, distance-based pricing of road use provides an incentive to reduce distances driven but not to avoid driving during rush hour (dynamic congestion charging can do this). Likewise, property tax adjustments can be used to alter the ongoing cost of home ownership but have no direct effect on the very important up-front sticker price (development charge adjustments work better here). All of the tools have useful effects, but none is a silver bullet. Using a variety of instruments will help create a range of helpful incentives.

Third, it is unlikely that the implementation of any single instrument would result in a significant change in the pattern of suburban development. The price differentials between central and suburban housing are simply too large (in the hundreds of thousands of dollars in many cities) in comparison to the impact that a single pricing instrument would have. For example, the central-suburban price differential is often an order of magnitude larger than development charges, so tackling development charges alone would likely have an inadequate impact. In order to generate adequate incentives to manage sprawl, municipalities are going to have to use several instruments.

Fourth, the degree of impact of price changes on behaviour (“price elasticity,” in economics jargon) can vary over time. For some price changes, the behavioural impact could be high at first, but wane over time as people become accustomed to paying the new price. For others, the impact could increase over time, as people make investments that help them change behaviour to take advantage of the new price. Price elasticities can be estimated for the short term and the long term, and their variance over time may create a need for complementary pricing instruments.

Fifth, using a range of pricing tools at a relatively low rate creates less economic distortion than using just one or two

at a much higher rate. Generally, a broader tax base leads to greater economic efficiency than a single large tax.¹⁶¹

Sixth, politically, some of these tools can be considered low-hanging fruit, worthy of implementation in the short term. Other tools may be more effective, but require more time, effort and collaboration to overcome political challenges. Moreover, shifting politics can result in the adoption of some tools being more acceptable at different times. Moving forward on a range of proposals is less risky than depending solely on one.

Finally, adopting a package of pricing tools will enable any potential disadvantages of one to be offset by others. For instance, if one instrument had a regressive impact in a particular case, it could be offset by progressive impacts of others.

Municipal governments use their own criteria to evaluate what mix of policy instruments to employ. These will typically include the effectiveness of the instrument at helping to achieve the goal, other impacts (side effects), political challenges to adoption or implementation, economic efficiency (sometimes via cost-benefit analysis), administrative efficiency and cost-effectiveness, fairness, and any externally imposed obligations.¹⁶²

FEDERAL AND PROVINCIAL ROLES

Other orders of government influence what municipal governments can achieve in restraining future sprawl. This influence occurs in two manners: limits on the legal authority of municipal governments, and alignment of provincial and federal policies.

MUNICIPAL AUTHORITY

Municipal governments have a number of policy instruments at their disposal for addressing sprawl.¹⁶³ However, these instruments are limited in scope by provincial legislation. Being creatures of provincial statutes, municipal governments have no independent constitutional authority to pass legislation.

Most municipal government powers are found in statutes of general application, such as Ontario's Municipal Act, 2001,¹⁶⁴ Alberta's Municipal Government Act,¹⁶⁵ and B.C.'s Local Government Act.¹⁶⁶ Some local governments receive a broader range of powers through special statutes (often called "charters"), such as the Vancouver Charter,¹⁶⁷ the City of Toronto Act¹⁶⁸ or the City of Winnipeg Charter.¹⁶⁹ Hundreds of additional statutes and regulations provide further powers to local governments. These statutes – in scores to hundreds of sections – each provide, shape and limit local government powers over property taxation, fees and levies, and other matters.¹⁷⁰

The constraints on municipal revenue-raising powers restrict municipalities' ability to balance their books, let alone achieve important policy goals like reducing the future growth of sprawl. For example, provincial governments restrict the authority to collect development charges.¹⁷¹ Ontario limits the municipal costs of development that can be recovered by development charges, as follows:¹⁷²

- Only capital costs of growth can be included. Operating and infrastructure rehabilitation costs cannot be included, even if they are imposed by the new development.
- Several types of capital costs are excluded, even if the new development creates a need for them:
 - cultural or entertainment facilities, including museums, theatres and art galleries;
 - tourism facilities, including convention centres;
 - the acquisition of land for parks;
 - hospitals;
 - capital costs related to waste management services; and
 - office space for administration of municipalities and local boards.
- There is a mandatory 10% reduction in recovering the capital costs that are subject to development charges.

One historical rationale for maintaining a tight leash on municipal revenue-raising powers is that municipal governments could, due to lack of capacity, make errors that are costly to citizens, businesses, themselves or the provincial government. However, this has not deterred provincial governments from downloading greater responsibilities to municipalities, some of them unfunded. Moreover, many cities are now larger than, and as competent as, many provincial governments.

The types of powers now enjoyed by charter cities such as Vancouver, Winnipeg and Toronto could be extended to all large cities. Beyond this, it would be reasonable for provincial governments to explore options for empowering smaller cities to raise revenue commensurate to the challenges they face and the responsibilities they have been given. In addition to development charge reforms, provinces could consider a range of reforms, including enhancing municipal capacity to employ property taxation, parking pricing and fuel taxation. If there are real or perceived municipal governance risks remaining, other methods can be employed to manage them, such as avenues to appeal decisions and supermajority voting requirements on some issues.

POLICY ALIGNMENT

It is important that federal and provincial policies not undermine municipal goals and policies relating to managing sprawl. Key reforms that could be undertaken at higher levels of government in order to support municipal management of sprawl include carbon pricing, highway tolls and improved regional governance.

Carbon Pricing. The case for carbon pricing¹⁷³ is clear. Scientists have determined that we need to reduce climate change emissions quickly and deeply, and economists note that carbon pricing is the most economically efficient way of doing so. Canadian business leaders and firms are onside, including those in the energy and automotive sector.¹⁷⁴

In addition to the national and international reasons normally discussed for pricing carbon, there are good reasons tied to municipal sprawl objectives. Underpriced or unpriced climate change emissions constitute a subsidy to motor vehicle use, and thus to sprawl. If federal and provincial governments wish to support municipal governments in achieving their goals related to sprawl and liveable communities, they need to put a meaningful price on carbon.

Highway Tolls. In addition to municipal road pricing, discussed above, many highways managed by other orders of government could be priced, particularly those used as commuter routes in sprawling suburban areas.

Highway 407, a toll highway in southern Ontario, provides an example. Apart from problems with the private contractor running the 407, the tolling system has been widely regarded as a success, with an expansion coming shortly. New highways being built can be tolled from the outset, as with the 407. Existing highways can have tolls phased in, with prices rising gradually to enable users to adjust more easily.

Improved regional governance. A challenge for municipalities seeking to reduce the future growth of sprawl is that they may see themselves as being in “competition” for new development with neighbouring municipalities and counties. As noted earlier, what they may be competing for is actually debt rather than net revenues.

However, some may feel the need to facilitate sprawling development because other jurisdictions are doing so, and may thus be weakening their own development standards and revenues in order to poach development from other jurisdictions. This type of policy competition has been termed the “race to the bottom.” It not only results in less-sustainable development patterns and foregone revenues, it may not even be effective. Evidence suggests that “businesses are relatively immobile in response to changes in local tax differentials, even over a period of several years.”¹⁷⁵ Weak or absent regional governance facilitates this

competition, which results in fragmentation and low-density sprawling development. Effective regional governance enables municipalities to co-operate, rather than compete, and to maintain the development standards and revenues necessary to meet their community goals. Some cities and surrounding areas in a number of provinces have been combined into regional municipalities, also termed “upper tier” municipalities.

INFRASTRUCTURE: SHIFTING TO A DEMAND MANAGEMENT APPROACH

Certain types of public infrastructure have been managed over the last several decades purely by supplying more and more infrastructure. The problem with this approach, apart from sheer cost, is that when a good is provided for free, the demand for that good becomes excessive. Providing more of it in response further exacerbates the demand: as the saying goes, “build it and they will come.” This has been the case particularly for roads, and supplying more road space (most often at zero cost to users), generally has failed to resolve the problem of congestion over the long term.

Managing demand is a more economically efficient approach than simply always providing more supply. All levels of government could benefit from adopting a more comprehensive approach to infrastructure: managing not only the supply side, but also the demand side of the equation.

When it comes to demand management techniques, pricing is cost-effective. In contrast, demand management programs that rely on educating users about cost savings and other benefits require ongoing effort and resources. And, of course, they don’t generate revenues.

Pricing allows users to make their own decisions and can quickly bring demand into alignment with supply, reducing overuse and associated maintenance and repair costs. In the case of roads, pricing also reduces smog and climate change emissions, and future expansion of sprawl.

CONCLUSIONS

Municipalities across Canada are adopting goals of greater density and transit use and reduced sprawl. This is not surprising, as sprawl imposes substantial costs on municipal governments, not to mention businesses and families.

How can such municipal goals be achieved? This report has outlined some of the policy instruments that can directly tackle the cause of sprawl: distorted price signals. A number of policy instruments can be adopted or adjusted to provide the necessary price incentives, and do so in an equitable and fair manner. By eliminating the financial subsidies to sprawling development, and further internalizing the externalities, governments can encourage downtown revitalization, brownfield redevelopment and vibrant economies that attract workers and employers.

Municipal governments can lead the way in managing sprawl. Many policy changes are within their existing capacity. Provincial governments can amend legislation to provide additional capacity, and provincial and federal governments can align their policies to support municipal efforts.

It appears that the time is right to be discussing solutions. Municipal governments are studying the financial costs of sprawling development and the long-term liabilities it imposes. Major cities are exploring revenue-raising mechanisms to finance much-needed transit improvements, while citizens are open to the idea of taxes and user fees to support municipal services. There is now a clear opportunity to adopt the policies that will create towns and cities that work better for individuals, businesses and governments.

ENDNOTES

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- 159 Re: transportation emissions harming lower income people, see, for example, M. Buzzelli, "Environmental Justice in Canada – It Matters Where You Live" (CPRN, December 2008), www.cprn.org/documents/50875_EN.pdf; G. Walker, "Breathing Unequally: environmental justice and transport-related air pollution" (Lancaster University Environment Centre), www.tsu.ox.ac.uk/events/ht12_seminars/ht12-walker.pdf; S. Kingham, J. Pearce, and P. Zavar-Reza, "Driven to injustice? Environmental justice and vehicle pollution in Christchurch, New Zealand" (Elsevier Transportation Research Part D 12 (2007), pp. 254–263, www.aseanenvironment.info/Abstract/41016221.pdf; T. Buckley et al., "An Approach for Identifying Environmental Justice Communities at Risk to Mobile-Source Related Air Pollution" (Transportation Equity Cooperative Research Program, February 22, 2008), www.scribd.com/doc/11480960/Public-Health-Risk.
- 160 City of Kitchener, "Financial Incentives," www.kitchener.ca/en/businessinkitchener/financialincentives.asp?_mid_=17562.
- 161 Administrative efficiency sometimes argues for upward rate adjustments in existing charges and taxes, rather than adding new ones.
- 162 For a similar list, see Government of British Columbia, "Community Charter, Policy Analysis," www.cscd.gov.bc.ca/lgd/gov_structure/community_charter/policy_analysis.htm.
- 163 This discussion borrows from D. Thompson and A. Bevan, "Smart Budget: A Background Paper on Environmental Pricing Reform for Local Governments" (Sustainable Prosperity, January 10, 2010), www.sustainableprosperity.ca/article17.
- 164 S.O. 2001, c. 25, http://www.e-laws.gov.on.ca/html/statutes/english/elaws_statutes_01m25_e.htm.
- 165 R.S.A. 2000, c. M-26, <http://www.qp.alberta.ca/documents/Acts/m26.pdf>.
- 166 [RSBC 1996], Chapter 323, http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/96323_00.
- 167 [SBC 1953], Chapter 55, http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/vanch_00.
- 168 City of Toronto Act, 2006, S.O. 2006, Chapter 11, http://www.e-laws.gov.on.ca/html/statutes/english/elaws_statutes_06c11_e.htm.
- 169 The City of Winnipeg Charter Act, S.M. 2002, c. 39, web2.gov.mb.ca/laws/statutes/2002/c03902e.php.
- 170 For a discussion of the primary revenue-raising powers in individual local government statutes, see D. Lidstone, "Assessment of the Municipal Acts of the Provinces and Territories" (Federation of Canadian Municipalities, April 20, 2004), s. 2.7, "Delegation of Adequate Financial Resources," and particularly ss. 2.7.3–2.7.16, http://www.fcm.ca/Documents/reports/Assessment_of_the_Municipal_Acts_of_the_Provinces_and_Territories_EN.pdf.
- 171 E. Slack, "The Impact of Municipal Finance and Governance on Urban Sprawl" (Institute on Municipal Finance and Governance, Munk Centre, University of Toronto, September 25, 2006), p. 4, http://www.chba.ca/uploads/urban_council/2006-09-25%20The%20Impact%20of%20Municipal%20Finance%20and%20Governance%20on%20Urban%20Sprawl.pdf.
- 172 Development Charges Act, 1997, S.O. 1997, C. 27, s. 2, http://www.e-laws.gov.on.ca/html/statutes/english/elaws_statutes_97d27_e.htm.
- 173 Carbon pricing is shorthand for increasing the cost of emitting substances that cause climate change, including carbon dioxide and a wide range of other gases and particulates. See resources at Sustainable Prosperity, Low Carbon Economy, <http://www.sustainableprosperity.ca/Low+Carbon+EN>.
- 174 The Canadian Council of Chief Executives, the Canadian Association of Petroleum Producers, the Canadian Gas Association, and the Canadian Vehicle Manufacturers Association are all in support of a price on carbon. "Canadian Business Preference on Carbon Pricing" (Sustainable Prosperity, February 2, 2011), <http://www.sustainableprosperity.ca/article758>.
- 175 M. Smart, "The Reform of Business Property Tax in Ontario: An Evaluation" (IMFG, 2012), http://munkschool.utoronto.ca/imfg/uploads/202/imfg_no.10_online_june25.pdf.

3.1 (b)

From: Don Mclean

Sent: Saturday, November 13, 2021 10:11 PM

To: clerk@hamilton.ca; Wilson, Maureen <Maureen.Wilson@hamilton.ca>; Farr, Jason <Jason.Farr@hamilton.ca>; Nann, Nrinder <Nrinder.Nann@hamilton.ca>; Chad Collins <chad.collins@hamilton.ca>; Jackson, Tom <Tom.Jackson@hamilton.ca>; Danko, John-Paul <John-Paul.Danko@hamilton.ca>; Pauls, Esther <Esther.Pauls@hamilton.ca>; Eisenberger, Fred <Fred.Eisenberger@hamilton.ca>; Partridge, Judi <Judi.Partridge@hamilton.ca>; VanderBeek, Arlene <Arlene.VanderBeek@hamilton.ca>; Johnson, Brenda <Brenda.Johnson@hamilton.ca>; Clark, Brad <Brad.Clark@hamilton.ca>; Ferguson, Lloyd <Lloyd.Ferguson@hamilton.ca>; Pearson, Maria <Maria.Pearson@hamilton.ca>; Merulla, Sam <Sam.Merulla@hamilton.ca>

Subject: The deeply flawed Dillon report comparing Option 1 and Option 2 of the growth strategy

Comments on the growth evaluation report submitted by Dillon:

1. **The conclusion precedes the report in time.** Option 2 outscores Option 1, but that apparently doesn't matter because everything turns on the "conformity" category. Quoting from the report conclusion: "The fundamental difference between the two Growth Options is that Growth Option 2 does not conform to the Province's Land Needs Methodology and is unlikely to produce an outcome where the City is able to achieve its growth forecast allocated under the Growth Plan. Conformity with the Province's Growth Plan policies is a fundamental aspect of the Municipal Comprehensive Review process." No analysis was even conducted on this category. The basic message is that Doug Ford rules and nothing else really counts.
2. **The scoring of the conclusion actually contradicts the report contents.** The conclusion says Option 2 is better for four areas - "natural environment, agriculture, transportation and climate change". But the report itself says it is also better in "growth allocation". So counting correctly Dillon finds Option 2 outscores Option 1 by a margin of 5 to 3 with 3 ties.
3. **The Municipal Finance category is deeply flawed.** It is scored for Option 1, but acknowledges that only a very narrow question was examined. The conclusion reads: "Growth Option 1 more fully addresses the theme of 'Municipal Finance' *as defined by the consideration as the costs to provide new infrastructure in greenfield areas are lower in comparison to existing.*" That leaves out a great deal.
 1. **It doesn't include the value of existing infrastructure.** That's effectively treated as zero. It also doesn't include the requirement that the city continue to maintain the infrastructure inside the boundary irrespective of what growth takes place. Instead that is made an additional cost of not expanding the boundary and only scored as a comparison of the cost of building new roads and pipes in greenfield areas versus the cost of replacing these services inside the boundary.
 2. **It makes a foolish error in pumping and treatment requirements.** The analysis says "There appears to be no difference in pumping and treatment requirements between the two Growth Options." This is not true. The report mistakenly says that Sinkhole Creek is under the HCA. Actually it is under the NPCA and it drains to Niagara. That's a significant error by Dillon because it assumes those lands (much of Elfrida) will drain to Hamilton's water and sewer treatment facilities which is not the case. Much of Elfrida,

3.1 (b)

for example, drains away from the city's water and wastewater facilities and thus requires pumping uphill for at least the sewage. In addition, the distance pumped of everything will be less under Option 2.

3. **It forgets that all growth is covered by development charges irrespective of its location**, and only credits these charges to the capital costs for Option 1. In addition the long term maintenance costs for new infrastructure in Option 1 are not mentioned.
4. **Under the transit section it acknowledges higher capital costs but ignores the much higher operating costs.** In contrast on Option 2 the provision of the capital costs of LRT by senior governments is not acknowledged. There's also no admission that transit ridership will be higher under Option 2 thus offsetting more operating costs.
5. **Perhaps most outrageous is the statement that "it is more costly to expand existing roadways across the built up area versus building new roads in new greenfield areas"**. Of course this ignores that we won't be expanding existing roads because there is no room to do so, and falsely assumes no existing roads will be rebuilt even if no new growth occurs. And, there is no mention of the critical measure of taxpayer density paying for repair of existing services.
4. **Two of the ties are actually wins for Option 2** – natural hazards and infrastructure and public service facilities. Two other categories given to option 1 are actually won by option 2.
5. **There is a bizarre understanding of what complete communities means.** Here is the conclusion: "Growth Option 1 more fully addresses the theme of 'Complete Communities' as defined by the considerations as more undeveloped land is available to plan for an appropriate mix of housing and supply of open spaces, parks, trails and recreation facilities." This is not what complete communities means. There is no mention, for example, that the urban expansion areas will have nothing but ground-based housing. There will be no apartments and probably no rental opportunities but these are described as complete communities. They also won't have downtowns or homeless shelters or social services or other central city amenities. On the other hand, if these are limited in some parts of the city, intensification offers a great opportunity to correct those deficiencies. The report also argues Option 1 is better because it reflects market demand for housing while Option 2 doesn't and therefore "could have negative impacts on access to housing choices." Nothing of course about affordable housing – apparently not a feature of 'complete' communities.
6. **Infrastructure and Public Service Facilities is also inappropriately scored for Option 1.** Incredibly it is claimed that the increase in impervious surfaces will be the same in both options. Explain that to the farmers whose fields will be built over. Again there is the false claim that development charges will cover the stuff required for Option 1 but apparently not for Option 2.
7. **The agriculture category is won by Option 2, but is unfairly reduced by reference to urban farming.** This sets 3 acres of urban farm against 3000 acres of lost farmland and effectively counts this difference as a one-quarter shortcoming of Option 2.

3.1 (c)

From: James Crowe

Sent: Sunday, November 14, 2021 7:13 PM

To: clerk@hamilton.ca

Subject: This letter is intended to state my position on the proposed boundary expansion.

Clerk City Clerk,

As a resident of ward 12 who bought an existing home built circa 1949 , I am against expanding the boundaries into arable farmland and encroachment of First Nations land for a variety of sound reasons.

In general , cities can not sustain expanding infrastructure such as roads , police , public utilities and fire services without some compromise such as elevating taxes in the near future.

Also, I have heard that buyers of single family homes are already complaining of lower quality builds and higher purchase prices for single family dwellings.

We purchased a “used” home as we understand that the province and ,by extension the country as a whole is running out of cheap building material and labour, driving the cost of new homes increasingly higher on a larger city footprint.

Rather than bowing to provincial pressure to expand housing beyond existing borders at the expense of the city core; Wards 1, 2, 3,& 4 , why not propose to Queen’s Park a partnership with them to remediate inner city properties such as Central Park and offer them up to developers for multi unit low density dwellings. If done properly

this would raise property values in these neighbourhoods and owners who have lived there would see their neighbourhood evolve into a more citizen friendly environment.

Hamilton should be developing the inner city more vigorously such as we have seen on James Street North with some condo developments.

Hamilton’s downtown core has great potential but it isn’t there yet. It needs help and that could be something the province should be helping with .

As a new resident in this City perhaps I see a new future better than some but I don’t believe expansion of urban sprawl is a good manner to go about building a city.

You need only look south of the border to see that urban sprawl doesn’t work. Detroit is a quick example.

Besides, Southern Ontario’s got only too much property on nonarable land , don’t cover up the best, clean it up.

Thanks for your time.

Sincerely

James Crowe

3.1 (d)

From: Jonathan Haggerty

Sent: Sunday, November 14, 2021 12:05 PM

To: clerk@hamilton.ca

Subject: Urban Sprawling.

Clerk City Clerk,

Hello, My name is Jonathan Haggerty.

I'm writing this letter of concern over the matter of city sprawling and the negative effects it can have on not only our green lands but our city's community as a whole.

I feel as though we should build up and not out, we need more affordable housing and more resources to fight the homeless problem head on. Destroying farm land to build more million dollar homes doesn't solve anything its merely a method of profit. Please reconsider this action, we need to make our city and community better but this abhorrent band aid fix can't solve anything. The issue doesn't lay with lack of homes but cost of them. Please build more low income apartments in the city and less houses on the out skirts of Hamilton.

I fear this is a multi stage plan made by Premier Doug Ford in hopes to commandeer the green belt for housing and gain profits in general.

I can not stress enough how city sprawling is a net negative to Hamilton and only a positive to the affluent. This doesn't solve or even help anything. We can't let the conservatives gas light us into thinking their get rich schemes will benefit the community, it wont and they only serve to garner more and more riches in their bank accounts, at any cost.

Jonathan Haggerty

3.1 (e)

From: Kaylynn Nicholls

Sent: Sunday, November 14, 2021 9:53 AM

To: clerk@hamilton.ca

Subject: Urban boundary expansion

Clerk City Clerk,

Hello, my name is Kaylynn Nicholls and I've been a resident of Hamilton for 10 years. I currently reside in the east end ward 4.

I'm writing to say that I strongly disagree with the urban boundary expansion and removal of Hamilton farm land that will never come back.

I think urban density will lead to happier, more independent pockets of Hamilton that will become more walkable to lead to more use of the hsr.

I really hope you take the time to consider what the residents of Hamilton desire in terms of their community rather than developers looking to make money of the land.

Thank you for your time and I look forward to hearing back from you.

Sincerely,

Kaylynn Nicholls

3.1 (f)

From: Mitchell Richmond

Sent: Monday, November 15, 2021 9:14 AM

To: clerk@hamilton.ca

Subject: Vote for Option 2: No Urban Boundary Expansion

I am writing to urge Hamilton City Council and the General Issues Committee to adopt the No Urban Boundary Expansion Scenario (total assessed land need of 0 ha between 2021 and 2051). In order to protect what remains of our “white belt” farmland and natural heritage, and meet Hamilton’s 2050 climate obligations, you must reject trojan horse plans for “phased” settlement area boundary expansion, and direct staff to accommodate the entire projected demand for homes and workplaces, including single- and semi-detached homes, within the existing settlement area boundary.

Firstly, through simple and purposeful bylaw changes, most of the tens of thousands of post-war lots already set to be redeveloped as “McMansions” over the next 30 years can be used to create more modestly-sized (e.g., semi-detached) homes rather than just one larger one. This untapped potential is discounted in the present 30-year Land Needs Assessments, even though governments from California and Oregon to New Zealand are already reforming zoning to unleash it.

Second, the large area of unused “Designated Greenfield Area” that was sacrificed to sprawl in previous Municipal Comprehensive Review processes (roughly 4500 acres as of 2019) should be developed at the densities (90-100 people and jobs per hectare) typical of ground-related “residential” neighborhoods in southern Ontario that we know allow most residents to get by largely car-free. The current Assessment plans for densities even lower than the 80 pjh legally required by the Province prior to the summer of 2020.

This summer, the City’s approved process showed 90% of residents (16,636 of the total 18,387 who responded) want No Urban Boundary Expansion. The only way for Hamilton Council to respect this decision, or even to keep its future options open, is to formally adopt the No Urban Boundary Expansion Scenario (0 ha) on November 9th.

Sent from my iPhone

3.1 (g)

From: Sarah Robinson

Sent: Monday, November 15, 2021 10:39 AM

To: clerk@hamilton.ca

Subject: Build in my neighbourhood, not on farmland

Clerk City Clerk,

I'm a young working professional and masters' student living in a neighbourhood near McMaster (Hamilton, Ward 1). Many houses here are completely filled with students -- I've heard of houses with 15 people all living together. My rental house was originally a single family bungalow; now it is two apartments with a total of 6 dwellers. Yet even though many homes in this neighbourhood have more occupants than normal, there is still plenty of room for growth here. Our local parks, businesses, places of worship, and schools are not full. There are empty or underused lots, especially along Main Street.

If this is the situation in my neighbourhood, I'm certain we can in-fill less dense neighbourhoods in Hamilton too. Instead of opening up farmland, please open up bylaws to allow for more in-fill housing, such as tiny homes or SDUs. I would be glad to welcome more neighbours.

Sarah Robinson

3.1 (h)

From: Simone Blain

Sent: Sunday, November 14, 2021 4:21 PM

To: clerk@hamilton.ca

Subject: Please stop the sprawl

Clerk City Clerk,

Hi, my name is Simone Blain and I am a renter in Hamilton Ontario. Regarding the issue of urban expansion in this region, I feel that we should focus our resources on renewing underused properties within the city's confines instead of tapping into our farmland and digging up precious topsoil. Sprawl is bad for the environment and it does not help us socially either. This city has plenty of empty buildings that could be restored before creating more developments further out into the farmland. Please, no more sprawl !

Simone Blain

3.1 (i)

From: Tracy Trofimencoff

Sent: Sunday, November 14, 2021 6:48 PM

To: clerk@hamilton.ca

Subject: No urban sprawl

Clerk City Clerk,

My name is Tracy Trofimencoff and I live in Hamilton in Ward 8. I love my city. Please do not approve urban sprawl. There must be a better way forward for the future of our city. City hall must be more proactive regarding this issue instead of reactive. Thank you for your consideration.

Tracy Trofimencoff

Pilon, Janet

Subject: Victimized to Petition

From: Piersanti Family

Sent: Monday, November 15, 2021 7:40 PM

To: Office of the Mayor <Officeofthe.Mayor@hamilton.ca>; clerk@hamilton.ca; Wilson, Maureen <Maureen.Wilson@hamilton.ca>; Farr, Jason <Jason.Farr@hamilton.ca>; Nann, Nrinder <Nrinder.Nann@hamilton.ca>; Merulla, Sam <Sam.Merulla@hamilton.ca>; chad.collins@hamilton.ca; Jackson, Tom <Tom.Jackson@hamilton.ca>; Pauls, Esther <Esther.Pauls@hamilton.ca>; Danko, John-Paul <John-Paul.Danko@hamilton.ca>; Clark, Brad <Brad.Clark@hamilton.ca>; Pearson, Maria <Maria.Pearson@hamilton.ca>; Johnson, Brenda <Brenda.Johnson@hamilton.ca>; Ferguson, Lloyd <Lloyd.Ferguson@hamilton.ca>; VanderBeek, Arlene <Arlene.VanderBeek@hamilton.ca>; Whitehead, Terry <Terry.Whitehead@hamilton.ca>; Partridge, Judi <Judi.Partridge@hamilton.ca>; GRIDS 2 and MCR <grid2mcr@hamilton.ca>

Subject: Victimized to Petition

Hello Everyone,

My name is Michael Piersanti, I live in Waterdown with my wife and two young daughters.

There was a Facebook ad that really caught my eye a couple weeks ago. The ad read "Young Families are being priced out of Hamilton". I remember thinking to myself how they took the words right out of my mouth.

Shortly after, I came across another, and then another. Finally, I acted on this ad and signed a petition which stated there was not enough affordable housing in the city. Which is very true.

Unfortunately the petition was not all that it seemed. I wasn't given any information about boundaries changing and the complications that it would hold for the rest of the city.

I am writing you this evening to express my concerns of being removed from that petition. I do not stand for extending the boundaries.

As it is, we are losing farms in Waterdown and Ancaster rapidly. It's a shame that no one is standing up for this very rare and valuable farming land.

I remember meeting Judy Partridge at the Rib Fest last year and thought to myself, if we could all fight for the citizens like Judy does, we might be OK. We might actually make this city something special again.

We cannot be bullied into giving in to these large developers. This is not affordable housing that they intend on building. Stacked back to back townhomes starting at \$800,00 so far out of the city that people can't afford to even get to work, let alone pay their mortgage.

As it is, I make six figures and still cannot afford to buy in a safe area of the city to raise my two daughters.

It's a very sad time for this younger generation trying to start families.

How will we ever afford to buy a home and raise our family in Hamilton if the city keeps allowing these large builders to bully us out of the city?

It is disgusting to see that these builders hired such a PR firm as they did to take advantage of vulnerable people.

I don't understand why we need to extend our boundaries when we still have lots of cleaning up to do in areas such as Kennilworth Barton. My grandfather used to tell me amazing stories of that area, now all you see is boarded up windows and empty shells.

It's a perfect area to clean up for affordable housing. Yet they feel we need to extend our boundaries to build mega homes for the wealthy.

I ask that you all hold these sneaky weasel's accountable and deny their request to extend the boundaries, which would in turn make them tens of millions of dollars each.

You want to make affordable housing, do it inside the city boundaries. There's a challenge for them. Watch the scatter when they find out they can't have sprawling estates selling for 1.4M.

Thank you for your time.

Yours truly,
Michael Piersanti

3.1 (k)

From: Alexander Kehn

Sent: Wednesday, November 10, 2021 9:44 AM

To: clerk@hamilton.ca

Subject: Save our Farmland

Clerk City Clerk,

Hello,

I have been a resident of Hamilton for nearly a decade now. I've watched it grow and evolve just as the city has been so hospitable to me and allowed for my own personal growth. The City of Hamilton has been a place to call home and I appreciate everything it has offered me. My stance on the issue of expanding the urban boundary is quite simple: don't!

Food scarcity is already becoming a major concern around the planet as a result of climate change and gross mismanagement of resources, often in the pursuit of easy profits. I can fathom that the logic behind expanding the boundary to allow development in the farmlands is a result of simplicity and cost. Consider however, that your residents will no longer be able to afford local produce, meats, cheeses, and all manner of food that we currently have an abundance of. Consider that we would see a population increase akin to towns like Brampton or Mississauga where residents are forced to drive vehicles to get across a sprawling suburban landscape, reducing communities and increasing pollution.

Consider that we already have hundreds of areas within the urban city limits which are festering, rotting away, and begging to be revitalized and developed into modern accommodations. If there is a higher cost involved in demolishing these sites and repurposing them I am confident it would pale in comparison to the costs of losing our farmland and burdening our city with needless suburbia.

We already have the Mountain suburbs and they are, frankly, a hellscape of lost dreams and sterile strip malls. Hamilton's population is skyrocketing as residents defect from Toronto and seek the more down-to-earth lifestyle we enjoy here. Give us the City we want, a thriving, tightly knit urban community. Give us a beautiful, modern downtown that can boast of it's environmentalism, of it's forward thinking and tasteful reuse of our discarded parking lots and abandoned buildings.

You have the power to make the future of Hamilton bright and progressive. Don't screw it up.

With respects,

Alexander Kehn

Alexander Kehn

Hamilton, Ontario

3.1 (I)

From: Carolyn Heijm

Sent: Wednesday, November 10, 2021 1:53 PM

To: clerk@hamilton.ca

Subject: No urban sprawl

Clerk City Clerk,

Farmland cannot be replaced. We have been pathetic stewards of our precious agricultural land in Southern Ontario. It must be stopped.

Carolyn Heijm

Dundas, Ontario

3.1 (m)

From: david zalepa

Sent: Wednesday, November 10, 2021 8:46 AM

To: clerk@hamilton.ca

Subject: Urban Boundary Expansion

Clerk City Clerk,

Dear Councilors,

My name is David Zalepa and I am writing to you in regards to Urban Boundary Expansion.

Urban Boundary expansion is the last thing we need in our Communities. Please look around the City Core of Hamilton. There is plenty of land available to address/ increase the "so called" housing shortage. I say "so called" because the housing issues have many layers which I will not get into right now.

Has everyone forgot about the Harbor Lands purchased for the new Stadium? The Studebaker lands. There are neighbourhoods in Downtown Hamilton ripe for redevelopment to meet the immediate needs of the City of Hamilton. You are making decisions on plans that may never happen. The argument for expansion is based on ESTIMATED population growth in this area. This may never happen. As a City you should be planning for today and tomorrow at this point in time not planning for 2050. The Downtown core is where transportation, services, hospitals, shopping and entertainment already exist. These are the lands that should be in the development process. Not plowing over beautiful farm land to turn them into Urban Ghettos and line the pockets of all those wanting to expand the greenbelt using the false reason of a housing shortage.

Focus on getting your city in order first. That should be your motto.

And I have a great Candidate I will be promoting to run against Lloyd Ferguson in the next Municipal Election. A good, long time Ancasteronian with generations of support in that Community. And a focus on "Getting Your City in Order"

david zalepa

Dundas, Ontario

3.1 (n)

From: Debra Hartman

Sent: Thursday, November 11, 2021 8:23 AM

To: clerk@hamilton.ca

Subject: [****POSSIBLE SPAM]Urban Sprawl

Clerk City Clerk,

Hello, My name is Debra L Hartman. I plead with you, please stop urban sprawl. Our transit systems will be negatively impacted. Our unused and neglected properties will remain as such. Our utilities costs to maintain this will rise sharply. We now more than ever need to protect and preserve our food sources. Let us preserve the Greenbelt for ourselves and future generations.

Debra Hartman

Burlington,

3.1 (o)

From: Derek Wilson

Sent: Tuesday, November 9, 2021 3:27 PM

To: clerk@hamilton.ca

Subject: No Urban Expansion

Clerk City Clerk,

Hello, my name is Derek Wilson and I do NOT want the urban boundary to be extended. As a 22 year old I am looking at what my future will be like for me and when I have kids, and as the world is growing we are having less food options because of urban boundaries expanding. I fear that when my kids are adults that they won't have an easy way to get food that is affordable. Expanding the urban limits hurts the future of Hamilton.

Derek Wilson

Hamilton

3.1 (p)

From: Emily Stanek

Sent: Friday, November 12, 2021 11:43 AM

To: clerk@hamilton.ca

Subject: Stop Sprawl

Clerk City Clerk,

Hello I am Emily Stanek, I've been a resident of Hamilton for my entire life. We do not need a boundary expansion because throughout my years as a Hamiltonian, I have seen countless vacant buildings all over the city, especially in the downtown core and central Hamilton. We do not need a boundary expansion when there is land and buildings just wasting away that could be used for affordable housing. Not to mention the cost to the natural environment that surrounds Hamilton.

Thank you,

Emily Stanek

Hamilton, Ontario

3.1 (q)

From: Joanne Turnell

Sent: Thursday, November 11, 2021 4:34 PM

To: clerk@hamilton.ca

Subject: BULLYING BY COUNCIL AROUND LAND USE – ME TOO

Clerk City Clerk,

BULLYING BY COUNCIL AROUND LAND USE – ME TOO

I live in Ward 12, my Councillor is Lloyd Ferguson.

In 2013 I owned and operated a food truck, Ojo Eat Local, held down a full-time job, and was the Manager of the Ancaster Farmers Market.

In 2014 I was awarded a grant by the Ontario Govt, thru Ted McMeekins local food act.

<https://www.toronto.com/news-story/4487472-ancaster-food-truck-business-opening-local-produce-market/>

I was renting a warehouse space at 1632 Wilson Street West in Ancaster, it was properly zoned for everything I planned to do, it was prior to the Farmers Market ByLaw Guide lines and I was given a reprieve by Council.

<https://www.hamiltonnews.com/news-story/5430640-ancaster-s-wilson-street-farmers-market-gets-reprieve-from-city-of-hamilton/>

However, after the “reprieve” I was sat down by Joanne Hickey Evans of the City of Hamilton who informed that I would not be allowed to proceed with my plans. I had already been issued building permits by the City of Hamilton. Lloyd Ferguson was of no help except to recommend I move my business to the Walmart Parking Lot.

My business and the building is now sold and the lands are part of the Greenbelt, I now understand why Lloyd Ferguson opposed my business model. It is because if there is a Farmers Market on the land you can't pull it out of the Greenbelt. At the time I could not understand why I was getting so much push back, it is all coming clear now. I have since moved on and have a new full time career not related to local food, and I personally lost about 75K in my small business endeavours.

2016 – 2018 I was the Publicity Manager for the Ancaster Fair and I also sat on the Board of Directors for the Agricultural Society.

2017 I was asked to join a new Committee to try to Save the Ancaster Well. I was passionate about saving the well and I still am.

My experience with #FREETHWELL and Save Our Spring was and still stands that the Arsenic Scare started by Lloyd Ferguson was intentional to make people believe the Well was not saving, in a successful effort to remove the land use restrictions for the surrounding properties as described in Bylaw 18-068 to open up old Hwy 99 for development.

3.1 (q)

<https://www.toronto.com/news-story/7516894-ancaster-coun-lloyd-ferguson-asks-city-to-save-sulphur-springs-well/>

Lloyd Ferguson threatened to sue me in a war of words over the Ancaster Well.

<https://www.thespec.com/news/hamilton-region/2017/12/14/legal-action-threatened-in-dispute-over-ancaster-well-water.html>

A City of Hamilton employee tried to derail my plans to save the well, by attending our Home Owners Association and trying to defame my character.

<https://www.hamiltonnews.com/news-story/8107024-ancaster-well-activist-still-fuming-over-pot-venture-s-privacy-breach/>

After this episode during an Ancaster Fairgrounds Board meeting I was asked to remain behind for a private meeting with the Executive Team, where I was told that I had to stop speaking out about Lloyd Ferguson. The Head of the Executive is Lloyds Neice. Jill Ferguson.

I refused to give up my rights to Free Speech and I was told I could no longer remain on the Board of the Agricultural Society. I then resigned my position as Publicity Manager also and did not return.

My experience with the City of Hamilton has left a bitter taste in my mouth, and while I do love where I live, I think that the City is rife with corruption especially around Boundary Expansion.

I urge you not to vote for NO Boundary Expansion before further investigation into inclusionary zoning is made. Inclusionary zoning would go along way to making Hamilton a better place to live.

Thank you for your time

Joanne Turnell

Joanne Turnell

Ancaster, Ontario

From: Katie Docherty

Sent: Tuesday, November 9, 2021 3:34 PM

To: clerk@hamilton.ca

Subject: No Sprawl

Clerk City Clerk,

My name is Katie Docherty. I moved to Hamilton in September 2020 - I'm in ward 2. I chose to buy in Hamilton as I could no longer afford Toronto. Hamilton drew me in for its urban feel, but its easy access to nature and trails, its wonderful bike lanes, and its potential for great city living at an affordable price.

I started seeing signs for "No Urban Boundary Expansion" and immediately looked into what that meant. I was disappointed to see that the City was considering expanding its boundaries to create more urban sprawl. I immediately pictured those ugly neighbourhoods built on farmland where every house looks the same and there are no trees. If I wanted to live near that, I would have moved to Milton, Maple, Vaughn or any other characterless region. Yuck!

As I walk around Hamilton I can't help but notice tones greyfields; empty parking lots, cement everywhere, boarded up abandoned buildings and homes. EVERYWHERE. Hamilton is constantly referred to as Canada's 'Detroit'. Why hasn't the City of Hamilton considered using these underutilized lots? Why not buy the abandoned buildings and empty parking lots along Main Street, Barton, Cannon, Queenston Rd. etc. to create affordable housing?

We are in a climate crisis. We are no longer approaching one. It feels as though you need to be reminded of that. Let's use what we have before we destroy more to create a bigger footprint. Isn't that saving the climate 101?

I'd also like to know how much Indigenous consultation there has been about this expansion. Surely you know Six Nations of the Grand River and Mississaugas of the Credit First Nation both have equal claim to the land in Elfrida. Can you put yourselves in their shoes for a moment? How much more pain can you create for these communities?

To put it bluntly, this boundary expansion seems incredibly tone-deaf to Canada's climate crisis and Indigenous Reconciliation.

Katie Docherty

Hamilton, Ontario

3.1 (s)

From: Ken MacDonald

Sent: Friday, November 12, 2021 1:06 PM

To: clerk@hamilton.ca

Subject: Stop Urban Boundary Expansion

Clerk City Clerk,

Hello.

I am Ken MacDonald. I have lived in Ward 13 since 1981.

I do not support urban sprawl. I want my elected representatives to vote for option 2.

I do not agree with destruction of farmland. If you must expand outward then head for African Lion Safari territory. Very shallow soil in that area.

But it would be much better to use available lands within Hamilton city proper. Rezoning to allow multiple families on a property, tiny homes, granny flats etc.

However restrict height to 4 to 6 stories.

Feed me, house me, employ me and I will vote for you.

Thank you.

Ken.

Ken MacDonald

Dundas, Ontario

3.1 (t)

From: Kerry Arnett

Sent: Tuesday, November 9, 2021 1:45 PM

To: clerk@hamilton.ca

Subject: Is the Farmland Feedback HARD to understand?

Clerk City Clerk,

My name is Kerry Arnett & this will be the THIRD time I've given feedback on WHY farmland is important to protect REGARDLESS of whatever alternative is deemed necessary to replace it. NOTHING is more important than food as an essential for survival. How many more times will the same feedback be requested? The answer doesn't change! No means no

In 2015 Samsung wanted to use farmland for solar farms. This decision was based on Samsung's Google search & what would be the easiest for Samsung & MOST PROFITABLE! This information came directly from Samsung representatives at the Carlisle Hall Community Open House.

I was involved in that particular farmland fight & when the likes of Councillor Judi Partridge are involved we all should be extremely cautious. She had trouble counting the names on our local opposing petition (40 in total) and yet Judi could only count 18 ... maybe that's as high as she can count? No surprise that she was pushing for this project to get Flamborough on the 'green' map, a feather in her cap but better yet to make herself look like good. She has no shame when attention, media & impromptu opportunities to talk on ad nauseum about something she's less than knowledgeable about present themselves. As a transplant to Flamborough she should get her facts straight before she thinks she can adequately represent constituents in a rural area.

Despite the blurb from her website - "Agriculture is also a \$1.5 billion industry in Hamilton, with much of it located in Flamborough, and continues to increase with several new farm-related business expansions" I question her motivation & certainly don't trust her to do what in the best interest &/or greater good of all. When was the last time she had her hands in Flamborough soil?

She'd argue the class of the farmland makes a difference but I bet when food scarcity is an issue (be assured never in her household) after farmland is our NEW 'they paved paradise, put up a parking lot' (thank you Joni Mitchell for your foresight 50 years ago) that attitude will change. Farmland is NOT something we can re-create, plain & simple!

I raise the above example as a parallel to the current situation, which would have McMansions on farmland not solar farms. End result is the same - ease & greed should NOT be the motivation for handing over 3300 acres of farmland to folks who can well afford to bring their 'A' game & do something a tad more creative, innovative & imaginative! Shame on those for even considering this option. Where will it end? Let's use our foresight and know farmland is for sustaining our future NOT growing solar farms &/or McMansions end of story!

Kerry Arnett

Hamilton, Ontario

3.1 (t)

3.1 (u)

From: Kevin Postma

Sent: Tuesday, November 9, 2021 10:43 PM

To: clerk@hamilton.ca

Subject: No sprawl

Clerk City Clerk,

Hi my name is Kevin Postma, born and raised in Hamilton district. This city cant handle the traffic it currently has... the hwy corridors are jambed and city streets are a nightmare. What about sewage handling? What are the plans for that, continue to dump it in the lake? We don't have the infrastructure for more people/houses

Kevin Postma

Mt.Hope , Ontario

3.1 (v)

From: Lenoir Jennifer

Sent: Thursday, November 11, 2021 11:59 PM

To: clerk@hamilton.ca

Subject: Urban boundary

Clerk City Clerk,

My name is Jen. I am a mother of two and live in ward 4. I was raised by two environmentalists to truly care about the health of our planet. I also do a lot of volunteering in our wonderful city and I feel that I have a decent amount of knowledge about the challenges our community faces. One huge one is affordable housing. I completely understand the pressure put on council by both the province and from developers to open up our urban boundary and to build on farmland. However literally the only people that will help is those same developers and the politicians that they pay for. As for the people of Hamilton? We will face an increased infrastructure deficit, increased pollution, increased food prices, and we will still be left with a massive affordable housing shortage. Even if developers are forced to build mixed income neighborhoods, as should be standard practice, cheap homes are not affordable homes without transit. No one could possibly think that money will be found not only to pay for the roads and sewers for sprawl and for a regular bus service. Our elderly deserve homes to downsize into while remaining in our community. Young people deserve homes in communities where they can live without cars. Hamilton deserves to see tax revenue increase without tax rates increasing, because we need dollars to fix our crumbling infrastructure. We don't have to become a city of high rises to accomplish this. We have space in our current boundary for duplexes and midrise buildings. Let's build for a better future, not to line the pockets of developers at the expense of everyone else.

Thank you so much for your time and consideration. Please follow the will of the voters, we want our boundary to stay in place.

Jen Lenoir.

Lenoir Jennifer

Hamilton, Ontario

3.1 (w)

From: Lisa Wong

Sent: Thursday, November 11, 2021 9:49 AM

To: clerk@hamilton.ca

Subject: [****POSSIBLE SPAM]Vote No to Sprawl in Hamilton

Clerk City Clerk,

Hello my name is Lisa and I am a ward 3 resident. I have been following this issue and tuned in on YouTube to watch the GIC meeting to learn more about what is at stake in the Urban Boundary expansion vote.

I urge council to stay strong, do right by the citizens of this city and to give our children, grandchildren, ourselves and our animal species a fighting chance to survive the next 50-100 years of climate change.

Yours sincerely,

Lisa Wong

Lisa Wong

Hamilton, Ontario

From: Nancy Hurst

Sent: Wednesday, November 10, 2021 11:14 PM

To: Office of the Mayor <Officeofthe.Mayor@hamilton.ca>; clerk@hamilton.ca; Wilson, Maureen <Maureen.Wilson@hamilton.ca>; Farr, Jason <Jason.Farr@hamilton.ca>; Nann, Nrinder <Nrinder.Nann@hamilton.ca>; Merulla, Sam <Sam.Merulla@hamilton.ca>; Jackson, Tom <Tom.Jackson@hamilton.ca>; Pauls, Esther <Esther.Pauls@hamilton.ca>; Danko, John-Paul <John-Paul.Danko@hamilton.ca>; Clark, Brad <Brad.Clark@hamilton.ca>; Pearson, Maria <Maria.Pearson@hamilton.ca>; Johnson, Brenda <Brenda.Johnson@hamilton.ca>; Ferguson, Lloyd <Lloyd.Ferguson@hamilton.ca>; VanderBeek, Arlene <Arlene.VanderBeek@hamilton.ca>; Whitehead, Terry <Terry.Whitehead@hamilton.ca>; Partridge, Judi <Judi.Partridge@hamilton.ca>; Thorne, Jason <Jason.Thorne@hamilton.ca>; GRIDS 2 and MCR <grid2mcr@hamilton.ca>

Subject: Hamilton Needs Housing correspondence on Nov 9 council agenda

SUBJECT: Hamilton needs housing I support the ambitious plan

Dear Councillors, Mayor, and City Staff,

I have lived in Hamilton for 3 yrs. I am now due to the last 2 yrs going to be homeless. I am being evicted and i can no longer afford ANY apts in Hamilton or Burlington were i am from. I am 62 yrs old and homeless! The first time in my life having to say that and it HURTS! I work fulltime in Burlington and after 21 yrs make a fairly good wage but can not afford more than \$1000 a month in rent. There are no apts for rent in the core (where my bus to Burlington is) for that amount! If i move farther away then my commute time is more than 2 hrs and cost would put me back up into the over my budget cost! You as the Mayor and Council MUST DO SOMETHING! I am not the only one in this situation but you dont see us because we are not on the streets yet because we have friends to couch surf with. But that is not a permanent position to be in! We deserve safe reliable and AFFORDABLE housing!!

[REDACTED]



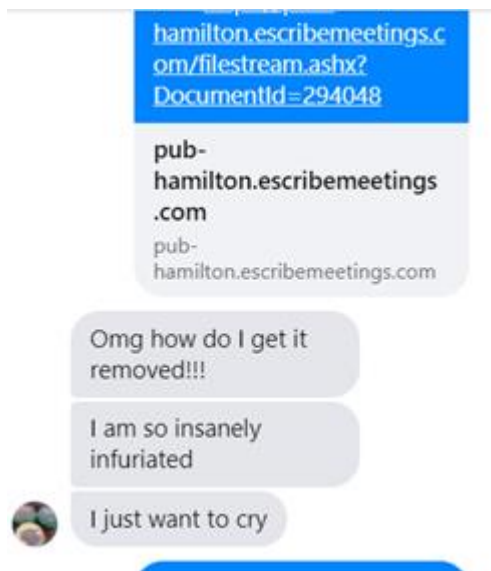
Hello Councillors,

Please read the above letter and ask yourself if you think this is from someone begging council to expand the urban boundary or begging for a safe and affordable home.

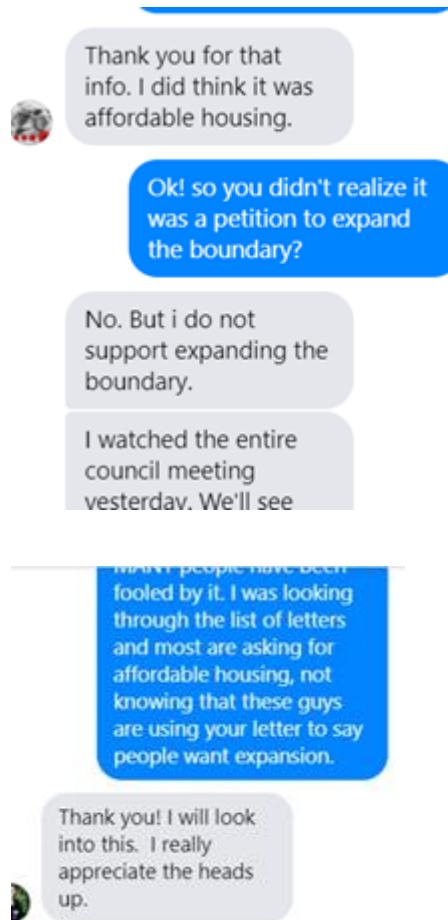
3.1 (x)

I was looking through item 4.10 on the Council agenda today. It includes the Hamilton Needs Housing petition and written submissions "in favour of urban expansion". I am literally fuming because if you read through those letters there are dozens from desperate people, some even homeless, who are begging city council to provide affordable housing... because that's what HNH and the "petition" claims to be... a community organization campaigning for affordable housing. And lo and behold those people's letters are being presented to Council as votes for urban expansion. Some people are certainly for expansion but many folks are being tricked and used, and it is unconscionable.

I wrote to four of them that I could find on Facebook this evening, and they all got back to me and are not happy that they were tricked.



3.1 (x)



These are just three that I could reach this evening. I am really urging Council to read through those letters, especially the latter half of them as the proponents for expansion are front loaded. You will see that many, many letters never mention expansion or land use but simply beg for affordable housing. It is unconscionable for this developer consortium to prey on desperate people like this. Some of the paid adverts are so disingenuous that they have even tricked people into thinking they are Stop Spraw:

November 9, 2021

SUBJECT: Hamilton needs housing I support the ambitious plan

Dear Councillors, Mayor, and City Staff,

I have been wondering why Hamilton don't try to utilize all the run down and empty properties in the central area of Hamilton instead of taking the easy way out and grab some more farmland. The whole area would benefit greatly from a nice urban development plan that could include mixed income dwellings as well as businesses.

Birgit Mathieson



November 9, 2021

SUBJECT: Hamilton needs housing I support the ambitious plan

Dear Councillors, Mayor, and City Staff,

We need smaller more affordable housing, perhaps some tiny house areas. We can't keep building mega mansions. They hurt the environment, destroy farmland and are unaffordable for the average person, especially seniors and younger folks.

I would love a small home or Tiny home, but little exist, and I can't afford to leave my apartment as rents elsewhere are too high. I am a senior and caregiver in Dundas, so must stay in area. Average selling price 750,000 \$.

Karen Moore



Thank you for reading and please call these people out for this when you can.

Kindly,
Nancy Hurst

3.1 (x)

<https://pub-hamilton.escribemeetings.com/filestream.ashx?DocumentId=294048>

3.1 (y)

From: Paula Grove

Sent: Wednesday, November 10, 2021 2:01 PM

To: clerk@hamilton.ca

Subject: Please think about future generations not developers!

Clerk City Clerk,

Dear Esteemed Councillors, Mayor, Premier and others:

I hope you will all find the courage to agree that we must stop sprawl eating up the farmland and natural areas remaining around Hamilton.

We all know that jobs and the economy are important. But without fresh air, clean water and healthy food they're useless.

We have some of the best farmland in the world = please protect it!

We have a rare confluence of ecospheres that is unparalleled in terms of its biodiversity = please protect it!

Our watershed needs a certain percentage of green spaces in order to remain clean and stable = please protect it!

We don't need more cars on the road and more long commutes. We need better, more liveable and walkable communities = please plan for it!

Thanks for your time!

I respect that there are many pressures facing you but I hope you will always make the best decision for future generations.

Kind regards,

Paula Grove, Hamilton

Paula Grove

Hamilton, Ontario

3.1 (z)

From: Rachel Weverink

Sent: Tuesday, November 9, 2021 9:58 PM

To: clerk@hamilton.ca

Subject: Keep Our Boundary In Place

Clerk City Clerk,

Hello, my name is Rachel Weverink and I live in Ward 3. I have four small children and I think of them when writing this letter. Hamilton is our home and we want to see our city thrive and not fall prey to developer greed. We can't go back if we give this precious land away. Be smart and wise leaders and do the right thing: invest in our current infrastructure and leave the land alone.

Rachel Weverink

Rachel Weverink

Hamilton, Ontario

3.1 (aa)

From: Rocco Baviera

Sent: Monday, November 15, 2021 4:35 PM

To: clerk@hamilton.ca

Subject: NO SPRAWL

Clerk City Clerk,

Hello,

My name is Rocco Baviera and I'm a resident of Terry Whitehead's ward. I am opposed to expanding the urban boundary due to the detrimental impact urban sprawl is having on the environment and climate change, not to mention the loss of precious farmland. Don't be swayed by the the greed of developers. It's at the cost of our collective future. Do the right thing for ours and future generations. Vote NO to expanding the urban boundary. Your grandchildren will be grateful that you voted against greed and for the planet.

Rocco Baviera

3.1 (ab)

From: Sandra Shurly

Sent: Wednesday, November 10, 2021 6:05 PM

To: clerk@hamilton.ca

Subject: Vote for Option 2: No Urban Boundary Expansion

I am writing to urge Hamilton City Council and the General Issues Committee to adopt the No Urban Boundary Expansion Scenario (total assessed land need of 0 ha between 2021 and 2051). In order to protect what remains of our “white belt” farmland and natural heritage, and meet Hamilton’s 2050 climate obligations, you must reject trojan horse plans for “phased” settlement area boundary expansion, and direct staff to accommodate the entire projected demand for homes and workplaces, including single- and semi-detached homes, within the existing settlement area boundary.

Firstly, through simple and purposeful bylaw changes, most of the tens of thousands of post-war lots already set to be redeveloped as “McMansions” over the next 30 years can be used to create more modestly-sized (e.g., semi-detached) homes rather than just one larger one. This untapped potential is discounted in the present 30-year Land Needs Assessments, even though governments from California and Oregon to New Zealand are already reforming zoning to unleash it.

Second, the large area of unused “Designated Greenfield Area” that was sacrificed to sprawl in previous Municipal Comprehensive Review processes (roughly 4500 acres as of 2019) should be developed at the densities (90-100 people and jobs per hectare) typical of ground-related “residential” neighborhoods in southern Ontario that we know allow most residents to get by largely car-free. The current Assessment plans for densities even lower than the 80 pjh legally required by the Province prior to the summer of 2020.

This summer, the City’s approved process showed 90% of residents (16,636 of the total 18,387 who responded) want No Urban Boundary Expansion. The only way for Hamilton Council to respect this decision, or even to keep its future options open, is to formally adopt the No Urban Boundary Expansion Scenario (0 ha) on November 9th.

Sent from Samsung tablet

Get Outlook for Android

Stovel and Associates Inc.
Planners, Agrologists and Environmental Consultants

November 08, 2021

Hamilton City Hall
71 Main Street West
Hamilton, Ontario
L8P 4Y5

Attention: **Heather Travis**, Senior Project Manager, Policy Planning

RE: City of Hamilton Official Plan Update

Dear Ms. Travis:

Further to our correspondence to you dated February 12, 2021, May 14, 2021, May 31, 2021 and August 17, 2021, my client has had an opportunity to review the revised Final Land Needs Assessment and Addendum and Peer Review Results (Report PED17010(n) (City Wide)).

As you are aware, my clients, Greenhorizons Holdings Inc. and The Greenhorizons Group of Farms Ltd.. ("Greenhorizons"), 1231 Shantz Station Road Inc. ("Shantz") and Willow Valley Holdings Inc. ("Willow"), have scoped their request for inclusion in the Urban Area boundary line to include only the following parcels:

- 8474 English Church Road,
- 2907 Highway 6,
- 3065 Upper James Street,
- 3005 Upper James Street.

Please note that these parcels are immediately east of the John C. Munro International Airport ("Airport"); these lands are included within the Airport Influence Area.

In total, the lands in question comprise approximately 139 acres.

It is our opinion that the lands in question remain a prime candidate for inclusion within the expansion of the Urban Area boundary and should be designated Employment Lands.

We have reviewed with interest the peer review comments, in particular, the comments from the Ministry of Municipal Affairs and Housing ("MMAH") dated September 17, 2021. Our read of the MMAH letter is that the Ministry staff is concerned that No Urban Boundary Expansion scenario is likely to bring about a shortage in land available to accommodate forecasted growth and the LNA Methodology also prohibits planning for population or employment in a manner that would produce growth that is lower than Schedule 3 of A Place to Grow.

We cannot help but wonder why City Staff are being so conservative with the growth scenarios. There is no benefit to the community to be conservative on the growth scenarios as it will affect housing and employment opportunities in the future. We suggest that a less conservative approach would be in keeping with Provincial direction, and would benefit the public interest.

The issue related to Employment and Employment Lands is also a matter of ongoing concern. It is clear that the City's Employment Lands are in transition; some lands need to be converted to residential uses

and some lands should replace these converted lands. The clear pull to the Airport is undeniable. Businesses want to set up in proximity to the Airport.

Other existing Employment Lands in the City are not viewed as favourably as the lands in proximity to the Airport. It is our view that the market desires land next to the Airport, but the current direction being taken by City Staff seeks to place a barrier to future growth in this area. The problem with this approach is that if provisions for future growth are not made, the City of Hamilton could miss out on Employment opportunities when large businesses seek lands to establish warehousing or related uses.

It is our view that the market desires land next to the Airport. Through a rebalancing process, the City could achieve Win-Win-Win scenario: urban boundary expansion would be limited, residential land need requirements would be met and employment lands would be redistributed. For instance, our lands which are next to the Airport could be exchanged for currently designated Employment Lands along the Rymal Road and Twenty Road area (which could be used for Residential purposes).

As previously documented in our correspondence, the primary reasons for inclusion of the subject properties are as follows:


- **Agricultural Impact:** we have read with interest that the residents of the City are extremely concerned with the impact on agriculture, particularly the removal of specialty crop lands and Class 1, 2 and 3 agricultural lands (in that order of priority). Please note that a substantial portion of my clients' lands have already been removed from agricultural production (i.e. golf course and ponds) and are not rated under the CLI system. The background mapping from OMAFRA needs to be updated to illustrate this. In this regard, a substantial portion of my clients' lands meet this planning objective and should be considered a higher priority for possible Urban Area inclusion than any other area near the existing City limits.
- **Proximity to the Airport:** it is obvious that the Airport is one of the main driving forces for future employment lands in the City. My clients' lands are in immediate proximity to the Airport.
- **Amazon Fulfillment Centre:** my client's lands are located in close proximity to the recently approved Amazon Fulfillment Centre. We are of the view that the economic pull of this massive warehousing complex, in combination with the presence of the Airport, will outweigh demand for other lands in the City to be used for Employment Land purposes. In short, we are of the view that Amazon and the Airport will create a demand for more Employment Lands around and near the Airport than the City has modelled.
- **Land Size:** it is clear that the development community, primarily the developers of industrial and commercial uses associated with the Airport, want larger parcels. The larger blocks eliminate the need for massive land assemblies and reduce the overall cost of development. The subject properties are the right size for today's development land size needs.
- **Infrastructure:** the balancing act that the City must consider during Land Needs Assessment and Future Planning exercise is complex. One of the key considerations is infrastructure and servicing. Servicing costs are expensive and continue to rise during the COVID pandemic and one way or another, the consumer will pay the toll. My client's lands are already serviced (water and sewer is available), already on an arterial road and has excellent location in proximity to the Airport. It seems that this fact has been lost when we consider some of the other areas within the City. On a strict cost per linear metre basis, we submit that my client's lands are substantially more affordable to service because the pipe is already there. At some point in the planning process, cost has to be a consideration.
- **Rebalancing:** we are aware that the projections indicate that there is a need for additional Residential land in the City and that some of the vacant Employment lands could be converted for Residential purposes. As part of this rebalancing process, we submit that the inclusion of my client's as Employment Lands will assist the City provide shovel-ready lands in close proximity to the Airport. If the City does not want to expand the urban boundary, the City should substitute the

subject properties with existing Employment Lands that are currently that are currently in the Employment Lands (within the City's Urban Boundary) but outside the Airport Influence Area. The existing Employment Lands could be used for medium to high density residential uses.

- **Chamber of Commerce:** It is our understanding that the Chamber of Commerce ("Chamber") have provided thoughtful comments to the City regarding the City's Growth-Related Integrated Development Strategy (GRIDS) and Land Needs Assessment (LNA) study. The Chamber recognizes that future growth projections and prudential planning warrant that the City will need to utilize its Whitebelt lands for their intended purpose, particularly in terms of Employment Lands, there is greater opportunity to enhance employment investment and prevent the potential loss of new opportunities to other jurisdictions. We concur with the Chamber and we feel that the subject lands are perfectly suited to future Employment Land uses.

This letter constitutes our continued request for the lands to be included in the proposed Urban Area expansion of the City of Hamilton and to be designated as Employment Lands. We look forward to participating in discussions with the City and their planning staff/consultant in regards to the Official Plan update. Please do not hesitate to contact me should you have any questions.

Yours truly,


Robert P. Stovel, M.Sc., M.C.I.P., R.P.P., P.Ag.

cc. Clerks Department, City of Hamilton
Steve Schiedel, Greenhorizons Holdings Inc., Willow Valley Holdings Inc.,
Jeff Wilker, Thomson, Rogers Lawyers

3.1 (ad)

From: wendy leigh-bell

Sent: Tuesday, November 9, 2021 10:30 PM

To: clerk@hamilton.ca

Subject: The urban boundary

Clerk City Clerk,

To the council and provincial officials:

Born in Hamilton, I am a resident of ward 1, together with my husband, formerly our two children now grown up, for the past 30 years. The city currently has what is known as an infrastructure deficit - that is, we lack the money to do the necessary upkeep of existing infrastructure and instead respond to emergencies such as broken water mains instead of updating the whole line. When the city expands into further low density suburban development it does not get the money back in property taxes and development fees to both build and maintain the new roads, expanded transit, Fire, EMS stations etc. Thus, the infrastructure deficit continues to grow. Studies done in Calgary and Ottawa have shown that the ultimate cost to the taxpayers of every new suburban house is from hundreds to thousands PER house. Further, the folk who live in these houses require at least one car per household as public transit tends not to serve them well. They commute further to their jobs. Is th is helping to curb the climate crisis? These are not affordable houses. These are not houses built to high standards of energy conservation. They are going to be built on environmentally sensitive land that is critical for the growing of food, for the absorption of water and flood control. All while we have all sorts of available land within the current boundaries.

The majority of Hamiltonians who said No to the boundary expansion are well aware of the connections the Developers have to the Conservative Party with their generous donations, and their speculative buying up of prime agricultural land. Both municipal and provincial officials would do well to remember this with elections in the offing.

Thank you for your attention in this matter,

Sincerely,

Wendy Leigh-Bell and E. Robert Ross

wendy leigh-bell

Hamilton, Ontario

3.1 (ae)

From: William Farkas

Sent: Tuesday, November 9, 2021 3:58 PM

To: clerk@hamilton.ca

Subject: UB Expansion into farmland

Clerk City Clerk,

Its pretty obvious that humanity is rapidly approaching a crisis of profound change. Change in the weather, change in science. Less obvious but just as real is the opportunity this change will bring. The world is transforming in real time. The weather is changing just as quickly as AI is moving into our lives. It's as if the future has broken lose and is running pell mell towards us. Anyone who says we have "been here before" is not just wrong, they're dangerous, because they lure us into apathy just as the storm is hitting.

Over the next few decades, every country, community and individual will have to take one of three options.

There will be some who are early adapters, those who stood on a rock with their eyes open and had the character to face the winds of change. There will be many more "late adapters", who lost their way and finally lifted their eyes and followed the leaders out. And then the there will be the losers, the ones who didn't or couldn't adapt at all. Yuval Harari describes this well in his book Homo Dias.

Going about the city I am sure we have seen the lawn signs calling for an end to urban expansion. They're still out there long after the survey is over. On the other hand, you don't see a single lawn sign supporting expansion into farmland... not one. In fact the very thought of a "support the sprawl" lawn sign is actually laughable except maybe on the bumper of a late model luxury SUV. Yet despite the clear will of the majority of citizens the sprawl zombie continues to devour our farmland. Some of the best Farmland in the whole country. Sprawl, like deforestation, is a golden goose, being choked to death by developers, land speculators, and banks that refuse to examine the morality of what they are doing. For the sake of our own mental well being not to mention our very survival we have to stop this dim slouching thing from any more damage.

The Ambitious Density option is such a thing, an institutional relic from another age, from the carbon era. Here are some rhetorical statements meant to expose the dated logic of the Ambitious Density (AD) option which targets 13 square kilometers of Hamilton farmland for paving.

1. Given that Hamilton has declared a climate emergency and has committed to being carbon neutral by 2050, these factors have (as they should) strongly influenced the Ambitious Density expansion option. No. Greenwash is plentiful yes. Serious consideration of carbon neutrality is a big zero.
2. Sprawl is recognized as a major factor in rising carbon emissions. Yes
3. Increasing urban density requires commitment, consultation, vision and long term planning which Hamilton has done – Absolutely Not. Witness most recently that something as preliminary as a map of Underused Areas in the Core was not done by the city, it was done by SSHO volunteers

3.1 (ee)

4. Ambitious density will open up approximately 13 square (1340 ha) kilometers of far
5. If “Ambitious Density” had been truly ambitious it would have had no farmland expansion whatsoever
6. The NO Urban Boundary expansion option was not considered by city staff because it failed to satisfy the Ford government’s mandates for “market assessment” and “city growth”, both of which, in the light of the climate emergency, are rear view metrics. Yes. Land Use Policy is being driven by obsolete regulations.
7. Though the authors of Ambitious Density option passed the “blame buck” to the Ford government their sorry surrender to expansion suggests indifference if not complicity. We need to give space to some mission driven planners at city hall.
8. Sprawl is sustainable. By definition. No
9. Sprawl incentivizes the kind of innovation in housing and livability that this planet demands. No
10. Sprawl is superior to densification for incubating “local” business. No
11. Sprawl opens more opportunities for local food producers and thus reduces our dependency on foreign imports. No. We can’t grow chickens milk cows or tomatoes in concrete.
12. Sprawl wrecks wetlands, watersheds and groundwater resources further stressing the great lakes. Obviously
13. Sprawl contributes to the beauty and discoverability of a city which increases tourism potential. No
14. Sprawl gives our children more opportunity to appreciate and explore nature. No
15. Sprawl is visionary, creative, forward thinking and a magnet for post carbon age innovators. No
16. Sprawl increases the urban heating effect.
17. Sprawl helps to cool the housing market. No proof.
18. The authors of Ambitions Density suggest that this will be the last expansion and their credibility on the matter is impeccable. Sure.
19. Enlightened urban planning still recognizes that sprawl has a place in the growth of our large cities. No
20. When surveyed the people of Hamilton voted 90% against sprawl even though it was spun as “Ambitious Density”. Yes.
21. Those who champion this Ambitious Density plan – the developers, land speculators, government bureaucrats who folded to the lobbyists - will commit to a community service of bringing their message of sprawl to the youth of Hamilton to help quell their rising despair that the earth dying while the grownups fiddle.

What would Greta Thunberg say if she saw the Ambitious Density option?

She would look at this, curl her lips in disgust and say this is the same Blah, Blah, Blah they are using to justify burning the Amazon or clearcutting the rainforests.

3.1 (ee)

If science is right – and I suspect there are fewer and fewer deniers – everything starts to really come apart in an ugly exponential lift off over the next 2 or 3 decades – the exact time frame that this AD sprawl will go forward. All of us could easily live to witness its full destructiveness. It's that close. Our kids and grand kids will live their lives in it. It's a certainty that there will be large scale human trauma from the impacts of global warming and environmental collapse. As nature "re-wilds" and humanity recognizes the true consequences of its actions the carbon age will draw to a shuddering end. Urban sprawl will be as dead as racism or homophobia are today. Dumping greenhouse gasses into the atmosphere will be illegal, immoral and punishable. Consider yourself a fogey brain if you can't see that yet.

But somebody up there is smiling on us. There is another exponential curve, a good one. Science and tech are also exponentially lifting off the launch pad. An energy revolution will bring unprecedented economic prosperity especially to the early adapters. That has to be Hamilton. Let's start by not expanding the urban boundary and committing to creative densification including brown space development. To hell with the antediluvian provincial guidelines. Let's really be ambitious by accommodating projected population growth within our existing developed core. Give our city planners a mission to be proud of and make Hamilton a leader in this inevitable post carbon era.

William Farkas

Hamilton, Ontario

Pilon, Janet

Subject: Stop destroying rural lands

From: Wendy Passmore

Sent: November 17, 2021 3:22 PM

To: clerk@hamilton.ca

Subject: Stop destroying rural lands

Clerk City Clerk,

My name is Wendy.

Stop the urban sprawl in Hamilton. Building on agricultural, rural, wetlands, forested areas and green space lands is detrimental to our area and the environment. We need these areas to grow food, produce and live stock to feed people. Buy local, support local. Canada needs to be self sufficient. The plannedemic has proven this.

We need the green spaces to combat against greenhouse gases.

Protect our established neighbourhoods from destruction - stop the invasion of multi family buildings in single family dwelling neighbourhoods. They overtax the aging infrastructures and energy grids.

Build 20+ storey residential buildings in downtown Hamilton on all the vacant derelict properties, or the vacant industrial properties where food can't be grown. City Council must make developers provide parking on site for all the residents, guests and service personnel. City streets are overcrowded with the increase in vehicles from new multi dwelling buildings. Most residential dwellings have minimum of 2 vehicles per unit. So a 16 unit building means minimum 32 more vehicles fighting for parking on the streets when on site parking is not mandated. Guest vehicles add to that problem ie: holidays, parties, gatherings.

Leave the small towns from over crowdings and over-populations. Families need space to grow and thrive.

LISTEN TO THE PEOPLE. Not the greedy developers.

Wendy Passmore

Pilon, Janet

Subject: devastation in BC: the climate emergency is here

From: Adrian Duyzer

Sent: Wednesday, November 17, 2021 3:53 PM

To: clerk@hamilton.ca

Subject: devastation in BC: the climate emergency is here

Clerk City Clerk,

Dear Mayor Eisenberger, Premier Ford, City Councilors and Members of Parliament,

The photos of the devastation wrought in BC are shocking. For one of the only times since 1885, every Canadian land route to the Pacific has been cut. How did we get to a point where we've damaged our climate so badly that disasters like this are happening to us, with increasing frequency?

The answer is simple: by doing what we've always done, afraid to act differently because we think that's the rational approach. But that business-as-usual approach means that now, our livelihoods and our lives and our futures are actively being damaged and destroyed.

Sprawl is a huge part of the problem: car-dependent communities create, by definition, more driving. Carbon emissions from transportation are over 1/4 of Canada's total!

Building more sprawl means we're not taking this emergency seriously. The consequences of that approach are tragically visible in BC today. It will be Hamilton's turn tomorrow.

Your vote on this issue is either a vote for the status quo that got us here, or for the kind of new approach that we desperately need to get us out of this disaster.

Sincerely,

Adrian Duyzer

Adrian Duyzer

3.1 (ah)

Pilon, Janet

Subject: Inspiring presentation this evening

From: Nancy Hurst

Sent: Wednesday, November 17, 2021 9:44 PM

To: Office of the Mayor <Officeofthe.Mayor@hamilton.ca>; clerk@hamilton.ca; Wilson, Maureen <Maureen.Wilson@hamilton.ca>; Farr, Jason <Jason.Farr@hamilton.ca>; Nann, Nrinder <Nrinder.Nann@hamilton.ca>; Merulla, Sam <Sam.Merulla@hamilton.ca>; chad.collins@hamilton.ca; Jackson, Tom <Tom.Jackson@hamilton.ca>; Pauls, Esther <Esther.Pauls@hamilton.ca>; Danko, John-Paul <John-Paul.Danko@hamilton.ca>; Clark, Brad <Brad.Clark@hamilton.ca>; Pearson, Maria <Maria.Pearson@hamilton.ca>; Johnson, Brenda <Brenda.Johnson@hamilton.ca>; Ferguson, Lloyd <Lloyd.Ferguson@hamilton.ca>; VanderBeek, Arlene <Arlene.VanderBeek@hamilton.ca>; Whitehead, Terry <Terry.Whitehead@hamilton.ca>; Partridge, Judi <Judi.Partridge@hamilton.ca>

Subject: Inspiring presentation this evening

Dear Councillors and Mr. Mayor,

<https://www.facebook.com/CityofPickering/videos/690969935200865>

In advance of Friday's vote, I hope you can take 30 minutes to watch this recording of tonight's presentation in Pickering by renowned Canadian urban planner Brent Toderian. Brent Toderian was formerly Director of City Planning in Vancouver and Manager of City Centre Planning in Calgary. He's a cutting edge urbanist who has consulted all over the world and is followed by a staggering 111.2K people on twitter because he's smart, down to earth and his ideas are what make Vancouver and Calgary enviable places to live. He was a guest on their speaker series tonight, along with Mayor Dave Ryan and their Manager of Development, Review and Urban Design Nelish Surti, to discuss smart ways to approach urban growth and how cities can better embrace urban change. Notable quotes:

-Higher density is the absolute best financial thing that a city can build because low density guarantees higher municipal taxes

-Densification done badly = more cars and it's not more people coming that make your cities worse, it's more cars coming that will if not planned properly.

-The sweet spot of failure: building density without reconsidering transportation.

-Don't try to bring the NIMBYs along. There will always be NIMBYs because we are hardwired to like the status quo. We make NIMBY too easy by not talking about the costs and consequences of making the wrong decisions. At the end of the day, it's up to the politicians who know better, because they spend their whole day learning about the costs and consequences of bad decisions, to do the brave thing, the right thing or sometimes the unpopular thing and sell that decision to the public.

I hope you find this as inspiring as I did.

Thank you and good evening.

Nancy Hurst

Ancaster



GENERAL ISSUES COMMITTEE REPORT 21-023

9:30 a.m.

November 2, 2021 and November 19, 2021

Due to COVID-19 and the Closure of City Hall, this meeting was held virtually.

November 9, 2021:

Present: Mayor F. Eisenberger, Deputy Mayor M. Pearson (Chair)
Councillors M. Wilson, J. Farr, N. Nann, S. Merulla, T. Jackson,
E. Pauls, J. P. Danko, B. Clark, B. Johnson, L. Ferguson,
A. VanderBeek, T. Whitehead, J. Partridge

November 19, 2021:

Present: Mayor F. Eisenberger, Deputy Mayor M. Pearson (Chair)
Councillors M. Wilson, J. Farr, N. Nann, R. Powers, S. Merulla,
T. Jackson, E. Pauls, J. P. Danko, B. Clark, B. Johnson, L. Ferguson,
A. VanderBeek, T. Whitehead, J. Partridge

THE GENERAL ISSUES COMMITTEE PRESENTS REPORT 21-023, AND RESPECTFULLY RECOMMENDS:

**1. GRIDS 2 and Municipal Comprehensive Review – Urban Growth City-Wide
Consultation Summary Report (PED17010(m)) (City Wide) (Item 8.1)**

That Report PED17011(m), respecting GRIDS 2 and Municipal Comprehensive
Review – Urban Growth City-Wide Consultation Summary Report, be received

**2. GRIDS 2 and Municipal Comprehensive Review – Final Land Needs
Assessment and Addendum and Peer Review Results (PED17010(n)) (City
Wide) (Item 8.2)**

(a) That the City of Hamilton Land Needs Assessment to 2051 – Technical
Working Paper, prepared by Lorus & Associates, dated March 2021,
attached as Appendix “A” to Report PED17010(n), and Addendum,
Council – January 20, 2021

prepared by Lorus & Associates, dated October 2021, attached as Appendix "A1" to Report PED17010(n), for the GRIDS 2 / MCR integrated growth management planning process, be received;

- (b) That the Land Needs Assessment Peer Review, prepared by Watson & Associates, dated October 2021, attached as Appendix "B" to Report PED17010(n), be received;
- (c) That the following reports be received:
 - (i) Residential Intensification Market Demand Study, prepared by Lorus and Associates, dated March 2021, attached as Appendix "C" to Report PED17010(n);
 - (ii) Residential Intensification Supply Update, dated March 2021, attached as Appendix "D" to Report PED17010(n);
 - (iii) Existing Designated Greenfield Area Density Analysis, dated March 2021, attached as Appendix "E" to Report PED17010(n).

3. GRIDS 2 and Municipal Comprehensive Review – "How Should Hamilton Grow? Evaluation" (PED17010(o)) (City Wide) (Item 8.3)

- (a) ***That staff be directed to report to the Planning Committee annually on residential development activity including, but not limited to, the City's residential intensification rate; construction activity in terms of housing mix; the City's supply of vacant land to accommodate forecasted growth; and, a comparison of actual versus forecasted growth, as per the land needs assessment, to allow for adjustment, as needed, due to any negative or positive impacts of the adopted City of Hamilton urban boundary and growth strategy.***
- (b) ***That staff be authorized and directed to evaluate requests for expansion from Waterdown up to a maximum size of 5 ha of which 50% may be for residential use, as per the Screening Criteria and Evaluation Tool (Waterdown), and report back to Council with the results of the evaluation analysis;***
- (c) **That the Growth Related Integrated Development Strategy (GRIDS 2) / Municipal Comprehensive Review (MCR) "How Should Hamilton Grow?" Evaluation, including associated technical supporting reports, attached as Appendix "A", as amended, to Report PED17010(o), be received;**

- (d) That staff be directed to report back to the General Issues Committee no later than January 2022 with a draft Official Plan Amendment (OPA), as part of the Municipal Comprehensive Review, that implements the following growth directions, and to seek approval to present the draft OPA to the Province for review, and to the public for consultation, as part of the City's Growth Plan conformity exercise:
 - (i) A projected household growth of 110,300 households;
 - (ii) An average intensification target of not less than 60% and not more than 80% between 2021 and 2051;
 - (iii) A planned minimum density of 60 persons and jobs per hectare (pjh) in existing Designated Greenfield Areas;
 - (v) An Employment Area land need of 0 ha to 2051, to be confirmed subject to the finalization of the Employment Land Review, including deferred requests;
 - (e) That the draft Official Plan Amendment include no expansion to the urban boundary;
 - (f) That the draft Official Plan Amendment identify a Community Area Land need of 0 ha beyond 2031, to be reviewed at least every 10 years, as part of future Municipal Comprehensive Reviews, as required under the provincial *Planning Act and Places To Grow Act*;
 - (g) That any determination on the Community Area Land need between 2021 and 2031, be deferred until the outcome of the GRIDS1 appeals of the Rural Hamilton Official Plan and Urban Hamilton Official Plan;
4. **Update Respecting Ontario Land Tribunal Appeals of Rural and Urban Hamilton Official Plans Regarding Urban Boundary Expansion in the Context of GRIDS 1 and 2006 Growth Plan (LS16029(f)/PED16248(f)) (City Wide)**
- (a) That the presentation provided to Committee in Closed Session, respecting Report LS16029(f)/PED16248(f) - Update Respecting Ontario Land Tribunal Appeals of Rural and Urban Hamilton Official Plans Regarding Urban Boundary Expansion in the Context of GRIDS 1 and 2006 Growth Plan, be received;

- (b) That the direction provided to staff in Closed Session, respecting Report LS16029(f)/PED16248(f) - Update Respecting Ontario Land Tribunal Appeals of Rural and Urban Hamilton Official Plans Regarding Urban Boundary Expansion in the Context of GRIDS 1 and 2006 Growth Plan, be approved; and,
- (c) That Report LS16029(f)/PED16248(f) - Update Respecting Ontario Land Tribunal Appeals of Rural and Urban Hamilton Official Plans Regarding Urban Boundary Expansion in the Context of GRIDS 1 and 2006 Growth Plan, remain confidential.

FOR INFORMATION:

November 9, 2021:

(a) APPROVAL OF AGENDA (Item 2)

The Committee Clerk advised of the following changes to the agenda:

5. COMMUNICATIONS

- 5.1.mo. Barry Coombs, Bird Friendly Cities
- 5.1.mp. Dean Carriere
- 5.1.mq. Heather Deane
- 5.1.mr. Nicole Doro
- 5.1.ms. Richard MacKinnon
- 5.1.mt. Verena Walter
- 5.1.mu. Adam Polios
- 5.1.mv. Adrienne Hol
- 5.1.mw. Alana Didur
- 5.1.mx. Alison Fleming
- 5.1.my. Allison Clark
- 5.1.mz. Amanda Boucher
- 5.1.na. Amie Allen
- 5.1.nb. Ana Carolina Volpe
- 5.1.nc. Andrea Camermans
- 5.1.nd. Andrew Dube
- 5.1.ne. Anne Can Impe
- 5.1.nf. Anth Kev
- 5.1.ng. Austra Jerumanis
- 5.1.nh. Barb Ormond
- 5.1.ni. Barbara Davis
- 5.1.nj. Barbara Jelsevac
- 5.1.nk. Barbara McSkimming

5.1.nl. Barbara Mead
5.1.nm. Barbara Ross
5.1.nn. Beverly Bressette
5.1.no. Bill Desavigny
5.1.np. Bonnie Ritch
5.1.nq. Brenda Alcock
5.1.nr. Brian Walmsley
5.1.ns. Bruce Malcolm
5.1.nt. Candace Burgess
5.1.nu. Carleon Hardie
5.1.nv. Carly Woods
5.1.nw. Carol-Ann Duran
5.1.nx. Catharine Ozols
5.1.ny. Catharine Smith
5.1.nz. Cathy McPherson
5.1.oa. Charlotte Hamilton
5.1.ob. Charlotte Tisdale
5.1.oc. Chris Motherwell
5.1.od. Christine Brown
5.1.oe. Christopher Anand
5.1.of. Cindy Stover
5.1.og. Clair Hutchinson
5.1.oh. Clarence Porter
5.1.oi. Claudia Espindola
5.1.oj. Colin Marshall
5.1.ok. Collen Heap
5.1.ol. Colleen McConnell
5.1.om. Connie Priest Brown
5.1.on. Corey Wood
5.1.oo. D. Jovic
5.1.op. Dale Schustyk
5.1.oq. Daniel Gardiner
5.1.or. Daniel Quaglia
5.1.os. Daniella Lato
5.1.ot. Danielle Lancia
5.1.ou. David Hitchcock
5.1.ov. David Krysko
5.1.ow. David Quackenbush
5.1.ox. David Zizzo
5.1.oy. Dawne Bergsteinson
5.1.oz. Diane Wilson
5.1.pa. Diane Wojcik
5.1.pb. Don McLean
5.1.pc. Don Shaw
5.1.pd. Donna McRae
5.1.pe. Donna Rutherford

5.1.pf. Doug Rouse
5.1.pg. Ed Ellis
5.1.ph. Edda Engle
5.1.pi. Edward Mizzi
5.1.pj. Edwina Hylton
5.1.pk. Eimildh McQueen
5.1.pl. Elisabeth Popovic
5.1.pm. Elizabeth Estall
5.1.pn. Ellen Morris
5.1.po. Ellen Southall
5.1.pp. Emily Kam
5.1.pq. Ericka Franklin
5.1.pr. Erica Li
5.1.ps. Esme Tondreau
5.1.pt. Estell Elizabeth
5.1.pu. Evelyn LaMarsh
5.1.pv. Ewa Rakowski
5.1.pw. Frances Murray
5.1.px. Fushia Feathersone-Mikic
5.1.py. Gabriel Nicholson
5.1.pz. Gary F. MacDonald
5.1.qa. Georgia Thomson-McWilliams
5.1.qb. Gesine Alders
5.1.qc. Gord and Angie McNulty
5.1.qd. Gord Smith
5.1.qe. Grant D. Linney
5.1.qf. Greg Canton
5.1.qg. Harold Smith
5.1.qh. Harshal Patel
5.1.qi. Heather Ewart-Cooper
5.1.qj. Helen Gzik
5.1.qk. Helen Sadowski
5.1.ql. Helen Thomas
5.1.qm. Removed – duplicate to Item 5.1.ql.
5.1.qn. Helen Todd
5.1.qo. Hilary Lyttle
5.1.qp. Holly Brose
5.1.qq. Inderjit Gill
5.1.qr. Jackeline Forkel
5.1.qs. Jackie Beaudin
5.1.qt. Jacqueline Stagen
5.1.qu. Jade Jackson
5.1.qv. James Macauley
5.1.qw. James Mawson
5.1.qx. James Ormond
5.1.qy. Jane Aronson

5.1.qz. Jane Cudmore
5.1.ra. Jane Galliver-Fortune
5.1.rb. Jane MacCabe-Freeman
5.1.rc. Janet Fraser
5.1.rd. Janice Currie
5.1.re. Janice Hyde
5.1.rf. Janine Towle
5.1.rg. Jennifer Bedford
5.1.rh. Jennifer Hompoth
5.1.hi. Jennifer Tucker
5.1.rj. Jessica MacQueen
5.1.rk. Jill Tonino
5.1.rl. Jillian Marenger
5.1.rm. Jim Kirk
5.1.rn. Joan McKay
5.1.ro. Joanne Edmiston
5.1.rp. Joanne Lewis
5.1.rq. Joanne Palangio
5.1.rr. Joanne Robinson
5.1.rs. Joanne Stonehill
5.1.rt. John Coakley
5.1.ru. John DLF
5.1.rv. John Kirk
5.1.rw. John McBrien
5.1.rx. John O'Connor
5.1.ry. John Olmstead
5.1.rz. John Vickers
5.1.sa. Joy Sunesen
5.1.sb. Joy Warner
5.1.sc. Joyce Muir
5.1.sd. Judy Peternel
5.1.se. Julie Rhan
5.1.sf. June and Bill Kertyzia
5.1.sg. June Peace
5.1.sh. K. Crevar
5.1.si. K. Matthewson
5.1.sj. Kara Guatto
5.1.sk. Karen Grover
5.1.sl. Karen Mills
5.1.sm. Karen Prince
5.1.sn. Kathy Bresnahan
5.1.so. Kathy Steele
5.1.sp. Keira McArthur
5.1.sr. Keith Alcock
5.1.st. Removed – duplicate to Item 5.1.sr.
5.1.su. Laura Buckley

5.1.sv. Laura Thurlow
5.1.sw. Lauren Mckay
5.1.sx. Lauren Snelius
5.1.sy. Leila Handanovic
5.1.sz. Leo Gervais
5.1.ta. Leslie Falzone
5.1.tb. Linda Daniels-Smith
5.1.tc. Linda Devison
5.1.td. Linda Forgan
5.1.te. Linda Jahns
5.1.tf. Linda Tiley
5.1.tg. Lisa Cacilhas
5.1.th. Liz Eeuwes
5.1.ti. Liz Koblyk
5.1.tj. Lori Burns
5.1.tk. Lori Mino
5.1.tl. Lyn and Rick Folkes
5.1.tm. Lynn Gates
5.1.tn. Maddie Becker
5.1.to. Marcia Kash
5.1.tp. Margaret Jolink
5.1.tq. Margo May Taylor
5.1.tr. Margo Feyerer
5.1.ts. Margot Oliveri
5.1.tt. Maria Polomska
5.1.tu. Marie Salmon
5.1.tv. Marika Ince
5.1.tw. Marilyn Glazebrook
5.1.tx. Marilyn Marchesseau
5.1.ty. Marilyn Thimpson
5.1.tz. Marion Redman
5.1.ua. Marjorie Cooke
5.1.ub. Marjorie Middleton
5.1.uc. Mark Pattison
5.1.ud. Mark Stirling
5.1.ue. Marsha Sulewski
5.1.tf. Mary Coll-Black
5.1.ug. Mary Hickey
6.1.uh. Maryanne Lemieux
6.1.ui. Matias Rozenberg
6.1.uj. Maurice Villeneuve
6.1.uk. Megan Saunders
6.1.ul. Melody Federico
6.1.um. Michael Blais
6.1.un. Michael Fabello
5.1.uo. Michael Lake

5.1.up. Mike Hennessey
5.1.uq. Mike Kelly
5.1.ur. Miriam Reed
5.1.us. Mona Nahmias
5.1.ut. Morgan Wedderspoon
5.1.uu. Nadia Coakley
5.1.uv. Nancy Chater
5.1.uw. Nancy Cooper
5.1.ux. Nancy E. Hill
5.1.uy. Nancy McKibbon Gray
5.1.uz. Naomi Kane
5.1.va. Naomi Overend
5.1.vb. Natalie Lazier
5.1.vc. Neil Armstrong
5.1.vd. Nelson Da Costa
5.1.ve. Nic Webber
5.1.vf. Nonni Iler
5.1.vg. Pam Ross
5.1.vh. Removed – duplicate of Item 5.1.vg.
5.1.vi. Pamela Thompson
5.1.vj. Pat Cameron
5.1.vk. Patricia Barton
5.1.vl. Patricia Feyerer
5.1.vm. Patrick Speissegger
5.1.vn. Paul Hrycenko
5.1.vo. Pauline Prowse
5.1.vp. Peg Kelly
5.1.vq. Peggy Faulds
5.1.vr. Peter Acker
5.1.vs. Peter Hurrell
5.1.vt. Philip Horwath
5.1.vu. Phyllis Dixon
5.1.vv. Rachel Harper
5.1.vw. Rachel Hofig
5.1.vx. Rachel Thorton
5.1.vy. Rebecca Jahns
5.1.vz. Rebecca Kallsen
5.1.wa. Rebecca Potter
5.1.wb. Rena Rice
5.1.wc. Rhu Sherrard
5.1.wd. Rita Della Riva
5.1.we. Robert Coxe
5.1.wf. Robert Findlay
5.1.wg. Robert Hicks
5.1.wh. Robert Momcilovic
5.1.wi. Ron and Joanne Palangio

5.1.wj. Ruth Pickering
5.1.wk. S. Allen Wragget
5.1.wl. S. Holloway
5.1.wm. Sandy Leyland
5.1.wn. Sara Anderson
5.1.wo. Sarah Ann Bernhardt
5.1.wp. Sarah Wakefield
5.1.wq. Sean Erskine
5.1.wr. Sean Hurley
5.1.ws. Shannon French
5.1.wt. Sharon Humphreys
5.1.wu. Sharon McKay
5.1.wv. Sheila O'Neal
5.1.ww. Sheila Hagan
5.1.wx. Sherly Kyorkis
5.1.wy. Removed – duplicate to Item 5.1.wy.
5.1.wz. Shirley Pettit
5.1.xa. Simona Korber
5.1.xb. Sonya Cutriss
5.1.xc. Steve Kolovos
5.1.xd. Steven McAulay
5.1.xe. Sue Kowch
5.1.xf. Susan Baker
5.1.xg. Susan Wortman
5.1.xh. Suzanne McCarthy
5.1.xi. Suzanne Sulikowski
5.1.xj. Sylvia Kraus
5.1.xk. T. Fraser
5.1.xl. Teresa LaFave
5.1.xm. Tim Panton
5.1.xn. Tom Flemming
5.1.xo. Tory Kenny
5.1.xp. Tracy Ryckman
5.1.xq. Viliija Govedas
5.1.xs. Wannie Armes
5.1xt. Wendy Folkes
5.1.xu. William Hill
5.1.xv. William Roebuck
5.1.xw. Yacoob Kathrada
5.1.xx. Yvonne Moloughney
5.1.xy. Alex Adams
5.1.xz. Carling Billings
5.1.ya. David Reed
5.1.yb. Deborah Spoto
5.1.yc. Don Brown
5.1.yd. Evelyn Auchinvole

5.1.ye. Kathy and Ken Bond
5.1.yf. Kathy Cozens
5.1.yg. Kristina McGill
5.1.yh. Lauren Campbell
5.1.yi. Leslie Greene
5.1.yj. Mane Arratia
5.1.yk. Melissa Dowdall
5.1.yl. Michael Greene
5.1.ym. Mionne Taylor
5.1.yn. Myfanwy Armes
5.1.yo. Sandy Boyle
5.1.yp. Shawn Boeker
5.1.yq. Aaron Lamers
5.1.yr. Alison Diamond
5.1.ys. Allison Bennett
5.1.yt. Anne Chaffee
5.1.yu. Abbie Little
5.1.yv. Arianne DiNardo
5.1.yw. Ashleigh Edworthy
5.1.yx. Ashley Devenny
5.1.yy. Alan Ernest
5.1.yz. Benjamin Doek
5.1.za. Betty Muggah
5.1.zb. Bob Takast
5.1.zc. Branislava Despinic
5.1.zd. Brent Jukes
5.1.ze. Brian Greig
5.1.zf. Brody Robinmeyer
5.1.zg. Carl Cuneo
5.1.zh. Carli Hogan
5.1.zi. Christine Fuss
5.1.zj. Christine Heidebrecht
5.1.zk. Cyndy Thomas
5.1.zl. Daniel Boot
5.1.zm. Danijela Jovic
5.1.zn. Debbie Edwards and Rick Csiernick
5.1.zo. Debbie Toth
5.1.zp. Denise Giroux
5.1.zq. Diane Herechuk-Crossen
5.1.zq. Removed – duplicate
5.1.zr. Diane Shamchuk
5.1.zs. Donna Akrey
5.1.zt. Elizabeth Gray
5.1.zu. Ellen Morris
5.1.zv. Erica Hall
5.1.zw. Eshan Merali

- 5.1.zx. Eva Hatzis
- 5.1.zy. Eva Novoselac
- 5.1.zz. Freddie Mac
- 5.1.aaa. Gail Faveri
- 5.1.aab. Altus Group
- 5.1.aac. Biglieri Group
- 5.1.aad. A. J. Clarke
- 5.1.aae. Hamilton Developers and Homebuilders Joint
- 5.1.aaf. Nick Wood, Corbett Land Strategies
- 5.1.aag. Glenn Cunningham
- 5.1.aah. Grace Kuang
- 5.1.aai. Hannah Schayer
- 5.1.aaj. Hussan Taha
- 5.1.aak. Ian Branston
- 5.1.aal. Illyria Volcansek
- 5.1.aam. Irene Schieberl
- 5.1.aan. Jacquie Neill
- 5.1.aao. Jasmine McCall
- 5.1.aap. Jim Folkes
- 5.1.aaq. Jonathan Woof
- 5.1.aar. Joan MacDonald

6. DELEGATION REQUESTS

- 6.1. Delegation respecting GRIDS and Municipal Comprehensive Review and Land Needs Assessment
 - 6.1.b. Nancy Hurst
 - 6.1.m. Dr. Lynda Lukasik, Environment Hamilton
 - 6.1.ab. Anne Washington, Association of Dundas Churches
 - 6.1.ag. Senna Thomas
 - 6.1.ah. Paul Lowes, SGL Planning and Design Inc.
 - 6.1.ai. Candy Venning - CHANGED TO VIDEO
 - 6.1.aj. Cheryl Case, Principal Urban Planner, CP Planning
 - 6.1.ak. Mark Forler - Delegation Withdrawn - Written Submission Only
 - 6.1.al. John Perenack, StrategyCorp on behalf of Hamilton Needs Housing
 - 6.1.am. Daniel Gabriele, Marz Homes
 - 6.1.an. Alice Plug-Buist, Helping Hands Street Mission
 - 6.1.ao. Ed Fothergill, Fothergill Planning and Development Inc.
 - 6.1.ap. Mike Pettigrew, The Biglieri Group Ltd.
 - 6.1.aq. Veronica Gonzalez, ACORN
 - 6.1.ar. Maria Gatzios, Gatzios Planning
 - 6.1.as. David Falletta, Bousfields Inc.

- 6.1.at. Aldo De Santis - Multi-Area Developments Inc.
- 6.1.au. Craig Burley
- 6.1.av. Natalie Lazier
- 6.1.aw. B. Spence
- 6.1.ax. Nancy Cooper

6.2. Video Delegations respecting GRIDS and Municipal Comprehensive Review and Land Needs Assessment

- 6.2.k. Cynthia Meyer
- 6.2.l. Jeff Paikin, President, New Horizon Development Group
- 6.2.m. Marnie Schurter, ACORN
- 6.2.n. Mary Love
- 6.2.o. Nando DeCario, Desozio Homes Ltd.
- 6.2.p. Patricia Baker
- 6.2.q. Peter Ormond, ECO5 Inc.
- 6.2.r. Rachelle Sender
- 6.2.s. Summer Thomas
- 6.2.t. Matthew LaRose
- 6.2.u. Diana Mekauskas
- 6.2.v. Ashley Feldman
- 6.2.w. Becky Katz
- 6.2.x. Dr. Meghan Davis
- 6.2.y. Michelle Tom
- 6.2.z. Roberto Henriquez
- 6.2.aa. John Vukovic

As well, Ed Fothergill's delegation request was changed and should follow 6.1.k, with the balance of the requests to be renumbered accordingly.

The agenda for the November 9, 2021 special General Issues Committee meeting was approved, as amended.

(b) DECLARATIONS OF INTEREST (Item 3)

- (i) Councillor B. Clark declared an interest to Item 14.1, respecting Report LS16029(f)/PED16248(f) - Update respecting Ontario Land Tribunal Appeals of Rural and Urban Hamilton Official Plans Regarding Urban Boundary Expansion in the Context of GRIDS 1 and 2006 Growth Plan, as the Principals of one of the parties has a retail business interest with his son.
- (ii) Councillor B. Johnson declared an interest to Item 14.1, respecting Report LS16029(f)/PED16248(f) - Update respecting Ontario Land Tribunal

Appeals of Rural and Urban Hamilton Official Plans Regarding Urban Boundary Expansion in the Context of GRIDS 1 and 2006 Growth Plan, as her Administrative Assistant is related to one of the parties.

(c) COMMUNICATION ITEMS (Item 5)

The following correspondence, respecting GRIDS 2, the Municipal Comprehensive Review and Land Needs Assessment was received and referred to consideration of Items 8.1, 8.2 and 8.3:

5. COMMUNICATIONS

- 5.1.a. Linda Chenowith
- 5.1.b. Michael Kennedy
- 5.1.c. Anka Cassar
- 5.1.d. Barbara Danese
- 5.1.e. Corrine Byggdin, Core Team, Royal LePage Real Estate Services Ltd.
- 5.1.f. Maurice Stevens, Castangrey 5 Corp. and Castangrey 7 Corp.
- 5.1.g. Dr. Tom Nugent
- 5.1.h. Gail Moffatt
- 5.1.i. Gail Ozolins
- 5.1.j. Genny Jon
- 5.1.k. Jackie Wright
- 5.1.l. Joanne Lewis
- 5.1.m. Joe Minor
- 5.1.n. John Parente
- 5.1.o. Linda Horsky
- 5.1.p. Lynn Gates
- 5.1.q. Mary Love
- 5.1.r. MaryAnn Thompson
- 5.1.s. Miriam Sager
- 5.1.t. Nancy Chater
- 5.1.u. Paula Grove
- 5.1.v. Ramona Jerome
- 5.1.w. Ria Kleinman
- 5.1.x. Rose Janson and Family
- 5.1.y. Stephanie Park Page
- 5.1.z. Sue Markey
- 5.1.aa. T. Anne Wilcox
- 5.1.ab. Walter Furlan
- 5.1.ac. Adrian Duyzer
- 5.1.ad. Connie Spears
- 5.1.ae. Ross Anthony
- 5.1.af. Aftim Hanhan

5.1.ag. Alex Matheson
5.1.ah. Alex Wilson
5.1.ai. Alexandra Gill
5.1.aj. Alexandra King
5.1.ak. Annabella Watson
5.1.al. Antonette Condari
5.1.am. Barb Nowacki
5.1.an. Ben Fierz
5.1.ao. Beverly Spence
5.1.ap. Bobbie Weberman
5.1.aq. Brendan McHale
5.1.ar. Brian Maynard
5.1.as. Brian Walmsley
5.1.at. Candice Mcmurdo
5.1.au. Carole-Ann Durran
5.1.av. Caroline Hill Smith
5.1.aw. Caroline Neufeld
5.1.ax. Catherine Anderson
5.1.ay. Catherine Harcourt
5.1.az. Catherine Mlekuz
5.1.ba. Chris Nethercott
5.1.bb. Christine Aiken
5.1.bc. Clive Thomas
5.1.bd. D. Boehling
5.1.be. D. Stermann
5.1.bf. Daniel Botham
5.1.bg. Darlene Gilbert
5.1.bh. Dave Carson
5.1.bi. David Johnson
5.1.bj. David Krysko
5.1.bk. Debbie Harcourt
5.1.bl. Dennis Norsworthy
5.1.bm. Don Ryter
5.1.bn. Donald Woodside
5.1.bo. Drew Grieve
5.1.bp. Edward Mizzi
5.1.bq. Elaine and Robert de Ruiter
5.1.br. Elaine Silva
5.1.bs. Erica Ireland
5.1.bt. Frances Murray
5.1.bu. Gail Faveri
5.1.bv. Graeme Utter
5.1.bw. Ingrid Harris
5.1.bx. Janet Long
5.1.by. Jason Hindle
5.1.bz. Jeanette Litniansky

5.1.ca. Jen Baker
5.1.cb. Joanne Butler
5.1.cc. Joanne Turnell
5.1.cd. John Kossup
5.1.ce. John Radoman
5.1.cf. Judith Bishop
5.1.cg. Julia Hansen
5.1.ch. Kevin Speers
5.1.ci. Krista Travers
5.1.cj. Laura Katz
5.1.ck. Linda Valconi
5.1.cl. Lisa Hind
5.1.cm. Lisa Schumph
5.1.cn. Lucija Bralic
5.1.co. Marcelo Cipriani
5.1.cp. Margaret Kelly
5.1.cq. Miriam Hanhan
5.1.cr. Marija Da Costa
5.1.cs. Mark Shurvin
5.1.ct. Michael Mazurkiewicz
5.1.cu. Michel Proulx
5.1.cv. Mike Sterling
5.1.cw. Monica Hayward
5.1.cx. Patricia Cole-Stever
5.1.cy. Patricia Heeren
5.1.cz. Patrick Rose
5.1.da. Paul Duchesneau
5.1.db. R. Stermann
5.1.dc. Ray Varey
5.1.dd. Rob Cleva
5.1.de. Rob Millen
5.1.df. Robert Brosius
5.1.dg. Robert Miller
5.1.dh. Roman Talkowski
5.1.di. Ron Wheeler
5.1.dj. Rosemary Hilbert
5.1.dk. Ruth Van Horne
5.1.dl. Sarah Jenner
5.1.dm. ShanEda Lumb
5.1.dn. Sharon Gendron
5.1.do. Sheelagh Breland
5.1.dp. Sonya Hanhan
5.1.dq. Stephanie Marchese
5.1.dr. Stephanie Strumberger
5.1.ds. Susan Shaker
5.1.dt. Teresa Gerencser

5.1.du. Thomas Aagaard
5.1.dv. Tracy Mewhort-Buist
5.1.dw. Vanessa Barr
5.1.dx. Wanda Urban
5.1.dy. Wendy Smith
5.1.dz. Claire Andrews
5.1.ea. Connie Bellamy
5.1.eb. Connie Kidd
5.1.ec. Craig Cassar
5.1.ed. Cynthia Meyer
5.1.ee. David Shea
5.1.ef. DD Crowley
5.1.eg. Debbie Davies
5.1.eh. Debra Runge
5.1.ei. Diana Meskauskas
5.1.ej. Doris Khes
5.1.ek. Doug Baker
5.1.el. Fushia Featherstone-Mikic
5.1.em. Gail Lorimer
5.1.en. Gemma Norman
5.1.eo. Henriette Hofsink
5.1.ep. Ian Branston
5.1.eq. Ilpo Lehto
5.1.er. James Herington
5.1.es. James Zhou
5.1.et. Jan Park Dorsay
5.1.eu. Jane Canale
5.1.ev. Jane Cudmore
5.1.ew. Jane Evans
5.1.ex. Jane MacCabe-Freeman
5.1.ey. Janice Currie
5.1.ez. Jasmine Nathaniel
5.1.fa. Jennifer Waring
5.1.fb. Jim Quinn
5.1.fc. Jo Spencer
5.1.fd. Joan McKay
5.1.fe. John Blasik
5.1.ff. Laura Palumbo
5.1.fg. Lynn Bowman
5.1.fh. Kevin Hofer
5.1.fi. Martha Schwenger
5.1.fj. Meaghan Ross
5.1.fk. Megan Armstrong
5.1.fl. Nancy Hurst
5.1.fm. Nancy West
5.1.fn. Patricia Fitzpatrick

5.1.fo. Patty Haardeng
5.1.fp. Paul Chabot
5.1.fq. Rachel Pangilinan
5.1.fr. Reva Quam
5.1.fs. Rick Johnson
5.1.ft. Robert Iszkula
5.1.fu. Robert Zhou
5.1.fv. Rosemary Almas
5.1.fw. Ryan Strang
5.1.fx. Selena Visser
5.1.fy. Sophia Szoke
5.1.fz. Verena Walter
5.1.ga. Wyn Andress
5.1.gb. Stan Iszkula
5.1.gc. Jon Davey
5.1.gd. Josh Gilmour Page
5.1.ge. Josh Mitchell
5.1.gf. Karen Prince
5.1.gg. Kathleen Livingston
5.1.gh. Katie Deverson
5.1.gi. Katie Schuessler
5.1.gj. Kirsten McCarthy
5.1.gk. Kyle Rozoski
5.1.gl. Lauren Dukas
5.1.gm. Laurie Peel
5.1.gn. Leslie Falzone
5.1.go. Margaret Wilding
5.1.gp. Margo May Taylor
5.1.gq. Marie Covert
5.1.gr. Marilyn Daniels
5.1.gs. Mark Duchesneau
5.1.gt. Mark Osborne
5.1.gu. Maryanne Lemieux
5.1.gv. Michelle Tom
5.1.gw. Mylene Vincent
5.1.gx. Nancy Dingwall
5.1.gy. Noelle Allen
5.1.gz. Renate Manthei
5.1.ha. Reuven Dukas
5.1.hb. Robin Cameron
5.1.hc. Rolfe Baltzer
5.1.hd. Sarah Kovacs
5.1.he. Sara Swagerman
5.1.hf. Sean Hurley
5.1.hg. Sheilah Laffan
5.1.hh. Stan Bury

5.1.hi. Sue Carson
5.1.hj. Sue Collins
5.1.hk. Susan Harding-Cruz
5.1.hl. Susan Lord
5.1.hm. Alison Wadden
5.1.hn. Alyssa Bird
5.1.ho. Andrea Phair
5.1.hp. Anne Dwyer
5.1.hq. Anthony Quinn
5.1.hr. Barb Laing
5.1.hs. Barb Patterson
5.1.ht. Barbara Wallace
5.1.hu. Beata Filc
5.1.hv. Bevin Shores
5.1.hw. Bob Berberick
5.1.hx. Bob File
5.1.hy. Bradley Jewell
5.1.hz. Brian Ross
5.1.ia. Brian Walmsley
5.1.ib. Bruce Wilson
5.1.ic. Cheryl French
5.1.id. Christine Filip
5.1.ie. Christine Hanley
5.1.if. Colin Marshall
5.1.ig. Craig and Sina McInnis
5.1.ih. Cynthia Lokker
5.1.ii. Daniel Chaput
5.1.ij. Daniel Gardiner
5.1.ik. David Keegan
5.1.il. David Krysko
5.1.im. Debbie Field
5.1.in. Deborah Peace
5.1.io. Dennis Price
5.1.ip. Don Zeller
5.1.iq. Eizabeth Kata
5.1.ir. Emily Cowall
5.1.is. Emily Crowe
5.1.it. Erin Shacklette
5.1.iu. Erinn Turnbull
5.1.iv. Frederick Mertz
*5.1.iw. Gail Faveri
5.1.ix. Gillian Bochenek
5.1.iy. Gillian Fletcher
5.1.iz. Ginny Pearce
5.1.ja. Glen Oomen
5.1.jb. Gord Dunn

5.1.jc. Hanna Thompson
5.1.jd. Harold Smith
5.1.je. Henriette Jansen
5.1.jf. Hilary Prince
5.1.jg. Howard Cole
5.1.jh. Jack Pickle
5.1.ji. Janice Locke
5.1.jj. Jean MacKay
5.1.jk. Jeff Palmer
5.1.jl. Jennifer Sanges
5.1.jm. Jessica Sterling
5.1.jn. Jessie Oettgen
5.1.jo. Jim and Anne Purvis
5.1.jp. Joseph Antoniazzi
5.1.jq. Jutten Lillie and Family
5.1.jr. Karen Grover
5.1.js. Karen Mathewson
5.1.jt. Karyn Bailey
5.1.ju. Katherine Berry
5.1.jv. Kathleen Mifflin
5.1.jw. Keira Miyata
5.1.jx. Kenneth Sherman
5.1.jy. Kim Sleman
5.1.jz. Krystyna Shoveller
5.1.ka. Lorraine Smith
5.1.kb. Bob Campbell, Construction Project Manager, Jarlette Health
Services (Alexander Place)
5.1.kc. Kyla Baird
5.1.kd. Lisa Selman
5.1.ke. Louise Ling
5.1.kf. Margaret Plant
5.1.kg. Martin Dooley
5.1.kh. Mary Anne MCDougall
5.1.ki. Mary Saulig
5.1.kj. Matthew Higginson
5.1.kk. Meaghan Horn
5.1.kl. Melissa Kuipers
5.1.km. Michael Root
5.1.kn. Moira Furlong
5.1.ko. Nora Gaskin
5.1.kp. Olivia Ly
5.1.kq. Pamela Biglow
5.1.kr. Paolo Diaque Venturi
5.1.ks. Paul Faure
5.1.kt. R. A. Frager
5.1.ku. Rachelle Sender

- 5.1.kv. Rob Millen
- 5.1.kw. Norma Coe, Chair, Association of Dundas Churches and James
Poole, Chair, ECO Churches of West Hamilton
- 5.1.kx. Robert Findlay
- 5.1.ky. Robert Higgins
- 5.1.kz. Robin Kovljenic
- 5.1.la. Rochelle Smith
- 5.1.lb. Rodney McHaffie
- 5.1.lc. Samantha Armstrong
- 5.1.ld. Sara Parker
- 5.1.le. Sarah Hopen
- 5.1.lf. Sean Park
- 5.1.lg. Sheila Harrington
- 5.1.lh. Sonya Fink
- 5.1.li. Sophie Dore
- 5.1.lj. Spencer MacDonald Page
- 5.1.lk. Susan Frasson
- 5.1.ll. Susan Sedgwick
- 5.1.lm. Susan Wortman
- 5.1.ln. Teresa Gerencser
- 5.1.lo. Theresa Cardey
- 5.1.lp. Todd Hayward
- 5.1.lq. Trevor Burgess
- 5.1.lr. Wayne Poole
- 5.1.ls. Carly Bedford
- 5.1.lt. Charlane Surerus
- 5.1.lu. Daniella Mertz
- 5.1.lv. Doreen Nicoll
- 5.1.lw. Heather Beale
- 5.1.lx. Inger Hinz
- 5.1.ly. Jennifer Rienties
- 5.1.lz. Jess Taylor
- 5.1.ma. Lyn Jukes
- 5.1.mb. Shannon French
- 5.1.mc. Illyria Volcansek
- 5.1.md. Christiane De Savigny
- 5.1.me. Christine Filip
- 5.1.mf. Dean Carriere
- 5.1.mg. Janet Kompare-Fritz
- 5.1.mh. John Stockton
- 5.1.mi. Mark and Janette Poulin
- 5.1.mj. Meighan Colterjon
- 5.1.mk. Michelle Chin
- 5.1.ml. Nancy Turple
- 5.1.mm. Rita Bailey
- 5.1.mn. Robert Barlow

5.1.mo. Barry Coombs, Bird Friendly Cities
5.1.mp. Dean Carriere
5.1.mq. Heather Deane
5.1.mr. Nicole Doro
5.1.ms. Richard MacKinnon
5.1.mt. Verena Walter
5.1.mu. Adam Polios
5.1.mv. Adrienne Hol
5.1.mw. Alana Didur
5.1.mx. Alison Fleming
5.1.my. Allison Clark
5.1.mz. Amanda Boucher
5.1.na. Amie Allen
5.1.nb. Ana Carolina Volpe
5.1.nc. Andrea Camermans
5.1.nd. Andrew Dube
5.1.ne. Anne Can Impe
5.1.nf. Anth Kev
5.1.ng. Austra Jerumanis
5.1.nh. Barb Ormond
5.1.ni. Barbara Davis
5.1.nj. Barbara Jelsevac
5.1.nk. Barbara McSkimming
5.1.nl. Barbara Mead
5.1.nm. Barbara Ross
5.1.nn. Beverly Bressette
5.1.no. Bill Desavigny
5.1.np. Bonnie Ritch
5.1.nq. Brenda Alcock
5.1.nr. Brian Walmsley
5.1.ns. Bruce Malcolm
5.1.nt. Candace Burgess
5.1.nu. Carleon Hardie
5.1.nv. Carly Woods
5.1.nw. Carol-Ann Duran
5.1.nx. Catharine Ozols
5.1.ny. Catharine Smith
5.1.nz. Cathy McPherson
5.1.oa. Charlotte Hamilton
5.1.ob. Charlotte Tisdale
5.1.oc. Chris Motherwell
5.1.od. Christine Brown
5.1.oe. Christopher Anand
5.1.of. Cindy Stover
5.1.og. Clair Hutchinson
5.1.oh. Clarence Porter

5.1.oi. Claudia Espindola
5.1.oj. Colin Marshall
5.1.ok. Collen Heap
5.1.ol. Colleen McConnell
5.1.om. Connie Priest Brown
5.1.on. Corey Wood
5.1.oo. D. Jovic
5.1.op. Dale Schustyk
5.1.oq. Daniel Gardiner
5.1.or. Daniel Quaglia
5.1.os. Daniella Lato
5.1.ot. Danielle Lancia
5.1.ou. David Hitchcock
5.1.ov. David Krysko
5.1.ow. David Quackenbush
5.1.ox. David Zizzo
5.1.oy. Dawne Bergsteinson
5.1.oz. Diane Wilson
5.1.pa. Diane Wojcik
5.1.pb. Don McLean
5.1.pc. Don Shaw
5.1.pd. Donna McRae
5.1.pe. Donna Rutherford
5.1.pf. Doug Rouse
5.1.pg. Ed Ellis
5.1.ph. Edda Engle
5.1.pi. Edward Mizzi
5.1.pj. Edwina Hylton
5.1.pk. Eimildh McQueen
5.1.pl. Elisabeth Popovic
5.1.pm. Elizabeth Estall
5.1.pn. Ellen Morris
5.1.po. Ellen Southall
5.1.pp. Emily Kam
5.1.pq. Ericka Franklin
5.1.pr. Erica Li
5.1.ps. Esme Tondreau
5.1.pt. Estell Elizabeth
5.1.pu. Evelyn LaMarsh
5.1.pv. Ewa Rakowski
5.1.pw. Frances Murray
5.1.px. Fushia Feathersone-Mikic
5.1.py. Gabriel Nicholson
5.1.pz. Gary F. MacDonald
5.1.qa. Georgia Thomson-McWilliams
5.1.qb. Gesine Alders

5.1.qc. Gord and Angie McNulty
5.1.qd. Gord Smith
5.1.qe. Grant D. Linney
5.1.qf. Greg Canton
5.1.qg. Harold Smith
5.1.qh. Harshal Patel
5.1.qi. Heather Ewart-Cooper
5.1.qj. Helen Gzik
5.1.qk. Helen Sadowski
5.1 ql. Helen Thomas
5.1.qm. Removed – duplicate to Item 5.1.ql.
5.1.qn. Helen Todd
5.1.qo. Hilary Lyttle
5.1.qp. Holly Brose
5.1.qq. Inderjit Gill
5.1.qr. Jackeline Forkel
5.1.qs. Jackie Beaudin
5.1.qt. Jacqueline Stagen
5.1.qu. Jade Jackson
5.1.qv. James Macauley
5.1.qw. James Mawson
5.1.qx. James Ormond
5.1.qy. Jane Aronson
5.1.qz. Jane Cudmore
5.1.ra. Jane Galliver-Fortune
5.1.rb. Jane MacCabe-Freeman
5.1.rc. Janet Fraser
5.1.rd. Janice Currie
5.1.re. Janice Hyde
5.1.rf. Janine Towle
5.1.rg. Jennifer Bedford
5.1.rh. Jennifer Hompoth
5.1.hi. Jennifer Tucker
5.1.rj. Jessica MacQueen
5.1.rk. Jill Tonino
5.1.rl. Jillian Marenger
5.1.rm. Jim Kirk
5.1.rn. Joan McKay
5.1.ro. Joanne Edmiston
5.1.rp. Joanne Lewis
5.1.rq. Joanne Palangio
5.1.rr. Joanne Robinson
5.1.rs. Joanne Stonehill
5.1.rt. John Coakley
5.1.ru. John DLF
5.1.rv. John Kirk

5.1.rw. John McBrien
5.1.rx. John O'Connor
5.1.ry. John Olmstead
5.1.rz. John Vickers
5.1.sa. Joy Sunesen
5.1.sb. Joy Warner
5.1.sc. Joyce Muir
5.1.sd. Judy Peternel
5.1.se. Julie Rhan
5.1.sf. June and Bill Kertyzia
5.1.sg. June Peace
5.1.sh. K. Crevar
5.1.si. K. Matthewson
5.1.sj. Kara Guatto
5.1.sk. Karen Grover
5.1.sl. Karen Mills
5.1.sm. Karen Prince
5.1.sn. Kathy Bresnahan
5.1.so. Kathy Steele
5.1.sp. Keira McArthur
5.1.sr. Keith Alcock
5.1.st. Removed – duplicate to Item 5.1.sr.
5.1.su. Laura Buckley
5.1.sv. Laura Thurlow
5.1.sw. Lauren Mckay
5.1.sx. Lauren Snelius
5.1.sy. Leila Handanovic
5.1.sz. Leo Gervais
5.1.ta. Leslie Falzone
5.1.tb. Linda Daniels-Smith
5.1.tc. Linda Devison
5.1.td. Linda Forgan
5.1.te. Linda Jahns
5.1.tf. Linda Tiley
5.1.tg. Lisa Cacilhas
5.1.th. Liz Eeuwes
5.1.ti. Liz Koblyk
5.1.tj. Lori Burns
5.1.tk. Lori Mino
5.1.tl. Lyn and Rick Folkes
5.1.tm. Lynn Gates
5.1.tn. Maddie Becker
5.1.to. Marcia Kash
5.1.tp. Margaret Jolink
5.1.tq. Margo May Taylor
5.1.tr. Margo Feyerer

5.1.ts. Margot Oliveri
5.1.tt. Maria Polomska
5.1.tu. Marie Salmon
5.1.tv. Marika Ince
5.1.tw. Marilyn Glazebrook
5.1.tx. Marilyn Marchesseau
5.1.ty. Marilyn Thimpson
5.1.tz. Marion Redman
5.1.ua. Marjorie Cooke
5.1.ub. Marjorie Middleton
5.1.uc. Mark Pattison
5.1.ud. Mark Stirling
5.1.ue. Marsha Sulewski
5.1.tf. Mary Coll-Black
5.1.ug. Mary Hickey
6.1.uh. Maryanne Lemieux
6.1.ui. Matias Rozenberg
6.1.uj. Maurice Villeneuve
6.1.uk. Megan Saunders
6.1.ul. Melody Federico
6.1.um. Michael Blais
6.1.un. Michael Fabello
5.1.uo. Michael Lake
5.1.up. Mike Hennessey
5.1.uq. Mike Kelly
5.1.ur. Miriam Reed
5.1.us. Mona Nahmias
5.1.ut. Morgan Wedderspoon
5.1.uu. Nadia Coakley
5.1.uv. Nancy Chater
5.1.uw. Nancy Cooper
5.1.ux. Nancy E. Hill
5.1.uy. Nancy McKibbon Gray
5.1.uz. Naomi Kane
5.1.va. Naomi Overend
5.1.vb. Natalie Lazier
5.1.vc. Neil Armstrong
5.1.vd. Nelson Da Costa
5.1.ve. Nic Webber
5.1.vf. Nonni Iler
5.1.vg. Pam Ross
5.1.vh. Removed – duplicate of Item 5.1.vg.
5.1.vi. Pamela Thompson
5.1.vj. Pat Cameron
5.1.vk. Patricia Barton
5.1.vl. Patricia Feyerer

5.1.vm. Patrick Speissegger
5.1.vn. Paul Hrycenko
5.1.vo. Pauline Prowse
5.1.vp. Peg Kelly
5.1.vq. Peggy Faulds
5.1.vr. Peter Acker
5.1.vs. Peter Hurrell
5.1.vt. Philip Horwath
5.1.vu. Phyllis Dixon
5.1.vv. Rachel Harper
5.1.vw. Rachel Hofig
5.1.vx. Rachel Thorton
5.1.vy. Rebecca Jahns
5.1.vz. Rebecca Kallsen
5.1.wa. Rebecca Potter
5.1.wb. Rena Rice
5.1.wc. Rhu Sherrard
5.1.wd. Rita Della Riva
5.1.we. Robert Coxe
5.1.wf. Robert Findlay
5.1.wg. Robert Hicks
5.1.wh. Robert Momcilovic
5.1.wi. Ron and Joanne Palangio
5.1.wj. Ruth Pickering
5.1.wk. S. Allen Wragget
5.1.wl. S. Holloway
5.1.wm. Sandy Leyland
5.1.wn. Sara Anderson
5.1.wo. Sarah Ann Bernhardt
5.1.wp. Sarah Wakefield
5.1.wq. Sean Erskine
5.1.wr. Sean Hurley
5.1.ws. Shannon French
5.1.wt. Sharon Humphreys
5.1.wu. Sharon McKay
5.1.wv. Sheila O'Neal
5.1.ww. Sheila Hagan
5.1.wx. Sherly Kyorkis
5.1.wy. Removed – duplicate to Item 5.1.wy.
5.1.wz. Shirley Pettit
5.1.xa. Simona Korber
5.1.xb. Sonya Cutriss
5.1.xc. Steve Kolovos
5.1.xd. Steven McAulay
5.1.xe. Sue Kowch
5.1.xf. Susan Baker

5.1.xg. Susan Wortman
5.1.xh. Suzanne McCarthy
5.1.xi. Suzanne Sulikowski
5.1.xj. Sylvia Kraus
5.1.xk. T. Fraser
5.1.xl. Teresa LaFave
5.1.xm. Tim Panton
5.1.xn. Tom Flemming
5.1.xo. Tory Kenny
5.1.xp. Tracy Ryckman
5.1.xq. Vilija Govedas
5.1.xs. Wannie Armes
5.1.xt. Wendy Folkes
5.1.xu. William Hill
5.1.xv. William Roebuck
5.1.xw. Yacoob Kathrada
5.1.xx. Yvonne Moloughney
5.1.xy. Alex Adams
5.1.xz. Carling Billings
5.1.ya. David Reed
5.1.yb. Deborah Spoto
5.1.yc. Don Brown
5.1.yd. Evelyn Auchinvole
5.1.ye. Kathy and Ken Bond
5.1.yf. Kathy Cozens
5.1.yg. Kristina McGill
5.1.yh. Lauren Campbell
5.1.yi. Leslie Greene
5.1.yj. Mane Arratia
5.1.yk. Melissa Dowdall
5.1.yl. Michael Greene
5.1.ym. Mionne Taylor
5.1.yn. Myfanwy Armes
5.1.yo. Sandy Boyle
5.1.yp. Shawn Boeker
5.1.yq. Aaron Lamers
5.1.yr. Alison Diamond
5.1.ys. Allison Bennett
5.1.yt. Anne Chaffee
5.1.yu. Abbie Little
5.1.yv. Arianne DiNardo
5.1.yw. Ashleigh Edworthy
5.1.yx. Ashley Devenny
5.1.yy. Alan Ernest
5.1.yz. Benjamin Doek
5.1.za. Betty Muggah

5.1.zb. Bob Takast
5.1.zc. Branislava Despinic
5.1.zd. Brent Jukes
5.1.ze. Brian Greig
5.1.zf. Brody Robinmeyer
5.1.zg. Carl Cuneo
5.1.zh. Carli Hogan
5.1.zi. Christine Fuss
5.1.zj. Christine Heidebrecht
5.1.zk. Cyndy Thomas
5.1.zl. Daniel Boot
5.1.zm. Danijela Jovic
5.1.zn. Debbie Edwards and Rick Csiernick
5.1.zo. Debbie Toth
5.1.zp. Denise Giroux
5.1.zq. Diane Herechuk-Crossen
5.1.zq. Diane Herechuk-Crossen
5.1.zr. Diane Shamchuk
5.1.zs. Donna Akrey
5.1.zt. Elizabeth Gray
5.1.zu. Ellen Morris
5.1.zv. Erica Hall
5.1.zw. Eshan Merali
5.1.zx. Eva Hatzis
5.1.zy. Eva Novoselac
5.1.zz. Freddie Mac
5.1.aaa. Gail Faveri
5.1.aab. Altus Group
5.1.aac. Biglieri Group
5.1.aad. A. J. Clarke
5.1.aae. Hamilton Developers and Homebuilders Joint
5.1.aaf. Nick Wood, Corbett Land Strategies
5.1.aag. Glenn Cunningham
5.1.aah. Grace Kuang
5.1.aai. Hannah Schayer
5.1.aaj. Hussan Taha
5.1.aak. Ian Branston
5.1.aal. Illyria Volcansek
5.1.aam. Irene Schieberl
5.1.aan. Jacquie Neill
5.1.aao. Jasmine McCall
5.1.aap. Jim Folkes
5.1.aaq. Jonathan Woof
5.1.aar. Joan MacDonald

(e) DELEGATION REQUESTS (Item 6)

The following delegation requests, respecting GRIDS 2, the Municipal Comprehensive Review and Land Needs Assessment, were approved for the November 9, 2021 special General Issues Committee:

- (i) Delegation respecting GRIDS and Municipal Comprehensive Review and Land Needs Assessment (Item 6.1)
 - 6.1.a. Mike Collins-Williams, West End Homebuilders' Association
 - 6.1.b. Nancy Hurst
 - 6.1.c. Zoe Green
 - 6.1.d. Donna Bacher, Realtors' Association of Hamilton-Burlington
 - 6.1.d. Caroline Hill Smith
 - 6.1.e. Lilly Noble
 - 6.1.f. Mylene Vincent
 - 6.1.g. Laura Katz
 - 6.1.h. Sean Robinson
 - 6.1.i. Paul Szachlewicz, Hamilton Chamber of Commerce
 - 6.1.j. Akira Ourique
 - 6.1.k. Kathleen Livingston
 - 6.1.l. Ed Fothergill, Fothergill Planning and Development Inc.
 - 6.1.m. Patricia Baker, PJB Associates
 - 6.1.n. Cameron Kroetsch
 - 6.1.o. Josh Mitchell
 - 6.1.p. Jim Quinn
 - 6.1.q. Drew Spoelstra, Ontario Federation of Agriculture
 - 6.1.r. Katharine King
 - 6.1.s. Matt Johnston, UrbanSolutions Planning and Land Development Consultants Inc.
 - 6.1.t. Michael Mazurkiewicz
 - 6.1.u. David Mivasair
 - 6.1.v. Phil Pothen J.D., M. Land. Arch., Ontario, Environmental Defence
 - 6.1.w. Don McLean - Item 8.2
 - 6.1.x. Don McLean - Item 8.3
 - 6.1.y. Chris Krucker, Manorun Farm
 - 6.1.z. Ben Loewith, Joe Lowewith and Sons Farm
 - 6.1.aa. Ian Borsuk, Environment Hamilton
 - 6.1.bb. William Charles Farkas
 - 6.1.cc. Gerry Tchisler, MHBC Planning
 - 6.1.dd. Dr. Ralph Martin
 - 6.1.m. Dr. Lynda Lukasik, Environment Hamilton
 - 6.1.ab. Anne Washington, Association of Dundas Churches
 - 6.1.ag. Senna Thomas
 - 6.1.ah. Paul Lowes, SGL Planning and Design Inc.

- 6.1.ai. Candy Venning - CHANGED TO VIDEO
- 6.1.aj. Cheryl Case, Principal Urban Planner, CP Planning
- 6.1.ak. Mark Forler - Delegation Withdrawn - Written Submission Only
- 6.1.al. John Perenack, StrategyCorp on behalf of Hamilton Needs Housing
- 6.1.am. Daniel Gabriele, Marz Homes
- 6.1.an. Alice Plug-Buist, Helping Hands Street Mission
- 6.1.ap. Mike Pettigrew, The Biglieri Group Ltd.
- 6.1.aq. Veronica Gonzalez, ACORN
- 6.1.ar. Maria Gatzios, Gatzios Planning
- 6.1.as. David Falletta, Bousfields Inc.
- 6.1.at. Aldo De Santis - Multi-Area Developments Inc.
- 6.1.au. Craig Burley
- 6.1.av. Natalie Lazier
- 6.1.aw. B. Spence
- 6.1.ax. Nancy Cooper

6.2. Video Delegations respecting GRIDS and Municipal Comprehensive Review and Land Needs Assessment

6.2. Video Delegations respecting GRIDS and Municipal Comprehensive Review and Land Needs Assessment

- 6.2.k. Cynthia Meyer
- 6.2.l. Jeff Paikin, President, New Horizon Development Group
- 6.2.m. Marnie Schurter, ACORN
- 6.2.n. Mary Love
- 6.2.o. Nando DeCario, Desozio Homes Ltd.
- 6.2.p. Patricia Baker
- 6.2.q. Peter Ormond, ECO5 Inc.
- 6.2.r. Rachelle Sender
- 6.2.s. Summer Thomas
- 6.2.t. Matthew LaRose
- 6.2.u. Diana Mekauskas
- 6.2.v. Ashley Feldman
- 6.2.w. Becky Katz
- 6.2.x. Dr. Meghan Davis
- 6.2.y. Michelle Tom
- 6.2.z. Roberto Henriquez
- 6.2.aa. John Vukovic

(f) STAFF PRESENTATIONS

(i) GRIDS 2 and Municipal Comprehensive Review – Urban Growth City-Wide Consultation Summary Report (PED17010(m)) (City Wide) (Item 8.1)

Lauren Vraets, Planner, provided the PowerPoint presentation respecting Report PED17010(m) - GRIDS 2 and Municipal Comprehensive Review – Urban Growth City-Wide Consultation Summary Report.

The presentation respecting Report PED17010(m) - GRIDS 2 and Municipal Comprehensive Review – Urban Growth City-Wide Consultation Summary Report, was received.

(ii) GRIDS 2 and Municipal Comprehensive Review – Final Land Needs Assessment and Addendum and Peer Review Results (PED17010(n)) (City Wide) (Item 8.2)

Jamie Cook, Watson & Associates, provided the first PowerPoint presentation, regarding the Land Needs Assessment Peer Review.

Antony Lorus, Lorus & Associates, provided the second presentation, regarding the Land Needs Assessment Peer Review Response and Addendum.

The presentations, respecting Report PED17010(n) - GRIDS 2 and Municipal Comprehensive Review – Final Land Needs Assessment and Addendum and Peer Review Results, was received.

(iii) GRIDS 2 and Municipal Comprehensive Review – “How Should Hamilton Grow? Evaluation” (PED17010(o)) (City Wide) (Item 8.3)

Heather Travis, Senior Project Manager; and, Paddy Kennedy, Dillon Consulting, provided the PowerPoint presentation respecting Report PED17010(o) - GRIDS 2 and Municipal Comprehensive Review – “How Should Hamilton Grow? Evaluation”.

The presentation, respecting Report PED17010(o) - GRIDS 2 and Municipal Comprehensive Review – “How Should Hamilton Grow? Evaluation”, was received.

(g) DELEGATIONS (Item 9)

The following delegations, respecting GRIDS 2, the Municipal Comprehensive Review and Land Needs Assessment, were received:

- (i) Delegation respecting GRIDS and Municipal Comprehensive Review and Land Needs Assessment (Item 6.1)
 - 6.1.a. Mike Collins-Williams, West End Homebuilders' Association
 - 6.1.b. Nancy Hurst
 - 6.1.c. Zoe Green
 - 6.1.d. Donna Bacher, Realtors' Association of Hamilton-Burlington
 - 6.1.d. Caroline Hill Smith
 - 6.1.e. Lilly Noble
 - 6.1.f. Mylene Vincent
 - 6.1.g. Laura Katz
 - 6.1.h. Sean Robinson – not present when called upon.
 - 6.1.i. Paul Szachlewicz, Hamilton Chamber of Commerce
 - 6.1.j. Akira Ourique – changed to video submission during meeting.
 - 6.1.k. Kathleen Livingston
 - 6.1.l. Ed Fothergill, Fothergill Planning and Development Inc.
 - 6.1.m. Patricia Baker, PJB Associates
 - 6.1.n. Cameron Kroetsch
 - 6.1.o. Josh Mitchell
 - 6.1.p. Jim Quinn
 - 6.1.q. Drew Spoelstra, Ontario Federation of Agriculture
 - 6.1.r. Katharine King
 - 6.1.s. Matt Johnston, UrbanSolutions Planning and Land Development Consultants Inc.
 - 6.1.t. Michael Mazurkiewicz
 - 6.1.u. David Mivasair
 - 6.1.v. Phil Pothen J.D., M. Land. Arch., Ontario, Environmental Defence
 - 6.1.w. Don McLean - Item 8.2
 - 6.1.x. Don McLean - Item 8.3
 - 6.1.y. Chris Krucker, Manorun Farm
 - 6.1.z. Ben Loewith, Joe Lowewith and Sons Farm
 - 6.1.aa. Ian Borsuk, Environment Hamilton
 - 6.1.bb. William Charles Farkas
 - 6.1.cc. Gerry Tchisler, MHBC Planning
 - 6.1.dd. Dr. Ralph Martin
 - 6.1.m. Dr. Lynda Lukasik, Environment Hamilton
 - 6.1.ab. Anne Washington, Association of Dundas Churches
 - 6.1.ag. Senna Thomas – changed to video submission during meeting.
 - 6.1.ah. Paul Lowes, SGL Planning and Design Inc.
 - 6.1.ai. Candy Venning - CHANGED TO VIDEO

- 6.1.aj. Cheryl Case, Principal Urban Planner, CP Planning
- 6.1.ak. Mark Forler - Delegation Withdrawn - Written Submission Only
- 6.1.al. John Perenack, StrategyCorp on behalf of Hamilton Needs Housing
- 6.1.am. Daniel Gabriele, Marz Homes
- 6.1.an. Alice Plug-Buist, Helping Hands Street Mission
- 6.1.ap. Mike Pettigrew, The Biglieri Group Ltd.
- 6.1.aq. Veronica Gonzalez, ACORN
- 6.1.ar. Maria Gatzios, Gatzios Planning
- 6.1.as. David Falletta, Bousfields Inc.
- 6.1.at. Aldo De Santis - Multi-Area Developments Inc.
- 6.1.au. Craig Burley
- 6.1.av. Natalie Lazier – not present when called upon.
- 6.1.aw. B. Spence – not present when called upon.
- 6.1.ax. Nancy Cooper

6.2. Video Delegations respecting GRIDS and Municipal Comprehensive Review and Land Needs Assessment

6.2. Video Delegations respecting GRIDS and Municipal Comprehensive Review and Land Needs Assessment

- 6.2.k. Cynthia Meyer
- 6.2.l. Jeff Paikin, President, New Horizon Development Group
- 6.2.m. Marnie Schurter, ACORN
- 6.2.n. Mary Love
- 6.2.o. Nando DeCario, Desozio Homes Ltd.
- 6.2.p. Patricia Baker
- 6.2.q. Peter Ormond, ECO5 Inc.
- 6.2.r. Rachelle Sender
- 6.2.s. Summer Thomas
- 6.2.t. Matthew LaRose
- 6.2.u. Diana Mekauskas
- 6.2.v. Ashley Feldman
- 6.2.w. Becky Katz
- 6.2.x. Dr. Meghan Davis
- 6.2.y. Michelle Tom
- 6.2.z. Roberto Henriquez
- 6.2.aa. John Vukovic
- 6.2.ab. Akira Ourique
- 6.2.ac. Candy Venning
- 6.2.ad. Corrine Bygdinn
- 6.2.ae. John Vukovic
- 6.2.af. Senna Thomas

The General Issues Committee recessed for 15 minutes until 8:05 p.m.

After the video delegations were heard, the November 9, 2021 GIC meeting will, recessed to a second date as soon as possible in November 2021.

(h) RECESS (Item 14)

There being no further business, the General Issues Committee adjourned at 10:14 p.m.

November 19, 2021:

(a) DECLARATIONS OF INTEREST (Item 2)

- (i) Councillor B. Clark declared an interest to Item 14.1, respecting Report LS16029(f)/PED16248(f) – Update Respecting Ontario Land Tribunal Appeals of Rural and Urban Hamilton Official Plans Regarding Urban Boundary Expansion in the Context of GRIDS 1 and 2006 Growth Plan, as by virtue of his son’s retail business interest with one of the parties.
- (ii) Councillor B. Johnson declared an interest to Item 14.1, respecting Report LS16029(f)/PED16248(f) – Update Respecting Ontario Land Tribunal Appeals of Rural and Urban Hamilton Official Plans Regarding Urban Boundary Expansion in the Context of GRIDS 1 and 2006 Growth Plan, as her administrative assistant is related to one of the parties.

(b) STAFF PRESENTATIONS (Item 8)

- (i) **GRIDS 2 and Municipal Comprehensive Review – Final Land Needs Assessment and Addendum and Peer Review Results (PED17010(n)) (City Wide) (Item 8.2)**

The General Issues Committee recessed for one half hour until 12:50 p.m.

Consideration of Report PED17010(n), respecting the GRIDS 2 and Municipal Comprehensive Review – Final Land Needs Assessment and Addendum and Peer Review Results, was DEFERRED until after Committee reconvenes in Open Session.

Consideration of Report PED17010(o), respecting the GRIDS 2 and Municipal Comprehensive Review – “How Should Hamilton Grow? Evaluation”, was DEFERRED until after consideration of Item 8.3.

(ii) GRIDS 2 and Municipal Comprehensive Review – “How Should Hamilton Grow? Evaluation” (PED17010(o)) (City Wide) (Item 8.3)

Consideration of Report PED17010(o), respecting the GRIDS 2 and Municipal Comprehensive Review – “How Should Hamilton Grow? Evaluation”, was DEFERRED until after Committee reconvened in Open Session.

Sub-section (e) was deleted in its entirety and replaced with the following in lieu thereof:

~~(e) That Council authorize staff to evaluate requests for expansion from Waterdown and Binbrook, up to a maximum size of 10 ha, of which 5 ha may be for residential use, as per the Screening Criteria and Evaluation Tool (Waterdown / Binbrook), and report back to Council with the results of the evaluation analysis;~~

(e) That staff be authorized and directed to evaluate requests for expansion from Waterdown up to a maximum size of 5 ha of which 50% may be for residential use, as per the Screening Criteria and Evaluation Tool (Waterdown), and report back to Council with the results of the evaluation analysis;

Subsections (a) through (d) and (f), were DEFEATED:

- (a) That the Growth Related Integrated Development Strategy (GRIDS 2) / Municipal Comprehensive Review (MCR) “How Should Hamilton Grow?” Evaluation, including associated technical supporting reports, attached as Appendix “A”, as amended, to Report PED17010(o), be received by Council;
- (b) Land Needs Assessment to 2051 – Technical Working Paper prepared by Lorius & Associates, dated March 2021, and Addendum, attached as Appendices “B” and “B1” to Report PED17010(o), as the preferred Community Area land needs scenario to accommodate Provincial mandated forecasted growth to 2051, and the following growth projections, intensification target, planned density of greenfield areas, and Community / Employment

Area land needs be utilized and incorporated into the next phases of the GRIDS 2 / MCR process and the development and evaluation of growth scenarios:

- (i) A projected household growth of 110,300 households;
 - (ii) An intensification target of 50% between 2021 and 2031, 60% between 2031 and 2041 and 70% between 2041 and 2051;
 - (iii) A planned density of 60 persons and jobs per hectare (pjh) in existing Designated Greenfield Areas and 77 pjh in new Designated Greenfield Areas (urban expansion areas);
 - (iv) A Community Area land need of 1,310 gross developable ha to 2051;
 - (v) An Employment Area land need of 0 ha, to be confirmed subject to the finalization of the Employment Land Review, including deferred requests;
- (c) That for the purposes of managing growth, the following phasing of land need be endorsed for planning purposes to 2051:
- (i) For the period from 2021 to 2031, a land need of 305 ha;
 - (ii) For the period from 2031 to 2041, a land need of 570 ha;
 - (iii) For the period from 2041 to 2051, a land need of 435 ha;
- (d) That Council authorize staff to evaluate phasing of growth options under the Ambitious Density scenario to identify where and when development of the whitebelt lands, comprised of one or more of the areas known as Elfrida, Twenty Road East, Twenty Road West and Whitechurch, should occur, in accordance with the GRIDS 2 / MCR Growth Evaluation Framework and Phasing Criteria, and report back to Council with the results of the evaluation and phasing analysis;
- (e) That Council authorize staff to evaluate requests for expansion from Waterdown and Binbrook, up to a maximum size of 10 ha, of which 5 ha may be for residential use, as per the Screening Criteria and Evaluation Tool (Waterdown / Binbrook), and report back to Council with the results of the evaluation analysis;

- (f) That Council direct staff to prepare a draft Official Plan Amendment as part of the MCR that implements an interim urban boundary expansion to 2031 and that includes policies to ensure that any future urban boundary expansions are controlled and phased, including consideration of options for identifying growth needs beyond 2031 without formally designating the land as urban at this time and that staff be directed and authorized to schedule a public meeting of the Planning Committee to consider an Official Plan Amendment, to give effect to the MCR.

(c) PRIVATE & CONFIDENTIAL (Item 14)

Committee moved into Closed Session to discuss Item 14.1, pursuant to Section 9.1, Sub-sections (e) and (f) of the City's Procedural By-law 21-021 and Section 239(2), Sub-sections (e) and (f) of the *Ontario Municipal Act*, 2001, as amended, as the subject matter pertains to litigation or potential litigation, including matters before administrative tribunals, affecting the municipality or local board; and, advice that is subject to solicitor-client privilege, including communications necessary for that purpose.

(d) ADJOURNMENT (Item 15)

That there being no further business, the General Issues Committee adjourned at 7:16 p.m.

Respectfully submitted,

Maria Pearson, Deputy Mayor
Chair, General Issues Committee

Stephanie Paparella
Legislative Coordinator,
Office of the City Clerk

CITY OF HAMILTON

BY-LAW NO. 21-

To Confirm the Proceedings of City Council at its special meeting held on November 19, 2021

**THE COUNCIL OF THE
CITY OF HAMILTON
ENACTS AS FOLLOWS:**

1. The Action of City Council at its meeting held on the 19th day November, 2021, in respect of each recommendation contained in

General Issues Committee Report 21-023 – November 9 & November 19, 2021

considered by City of Hamilton Council at the said meeting, and in respect of each motion, resolution and other action passed and taken by the City Council at its said meeting is hereby adopted, ratified and confirmed.

2. The Mayor of the City of Hamilton and the proper officials of the City of Hamilton are hereby authorized and directed to do all things necessary to give effect to the said action or to obtain approvals where required, and except where otherwise provided, the Mayor and the City Clerk are hereby directed to execute all documents necessary in that behalf, and the City Clerk is hereby authorized and directed to affix the Corporate Seal of the Corporation to all such documents.

PASSED this 19th day of November, 2021.

F. Eisenberger
Mayor

A. Holland
City Clerk