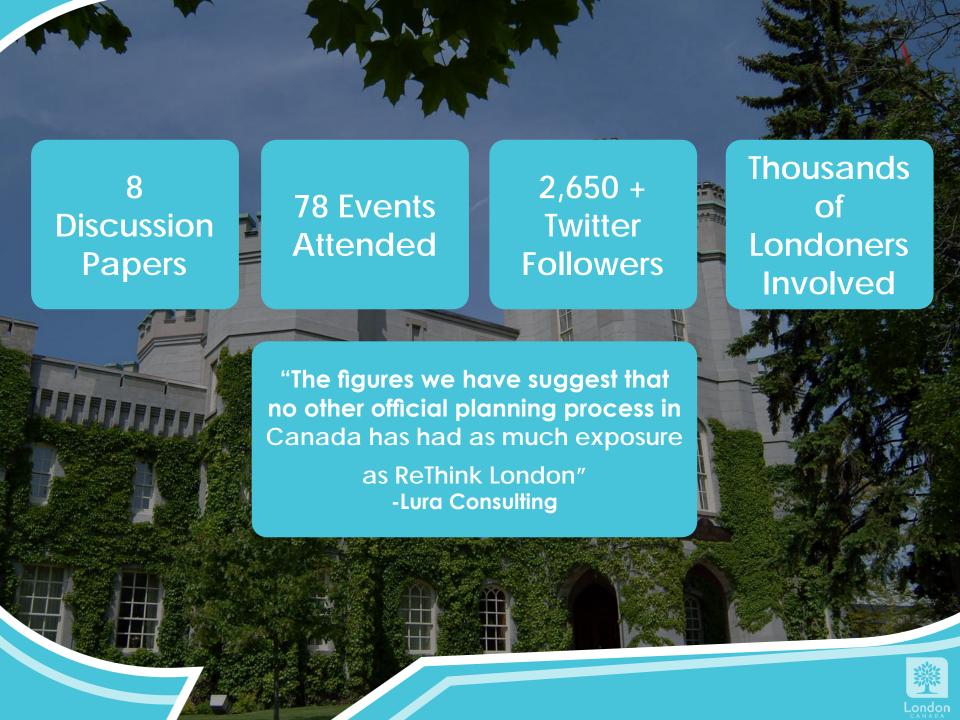
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or Green walkable Community Move Create Prosper Live Design Con ity Growth Nelghbourhood Opportunity Unite Think Diversity Progressive Communicate Act Renew Mobilise Speak Refresh Family Active Connect Co





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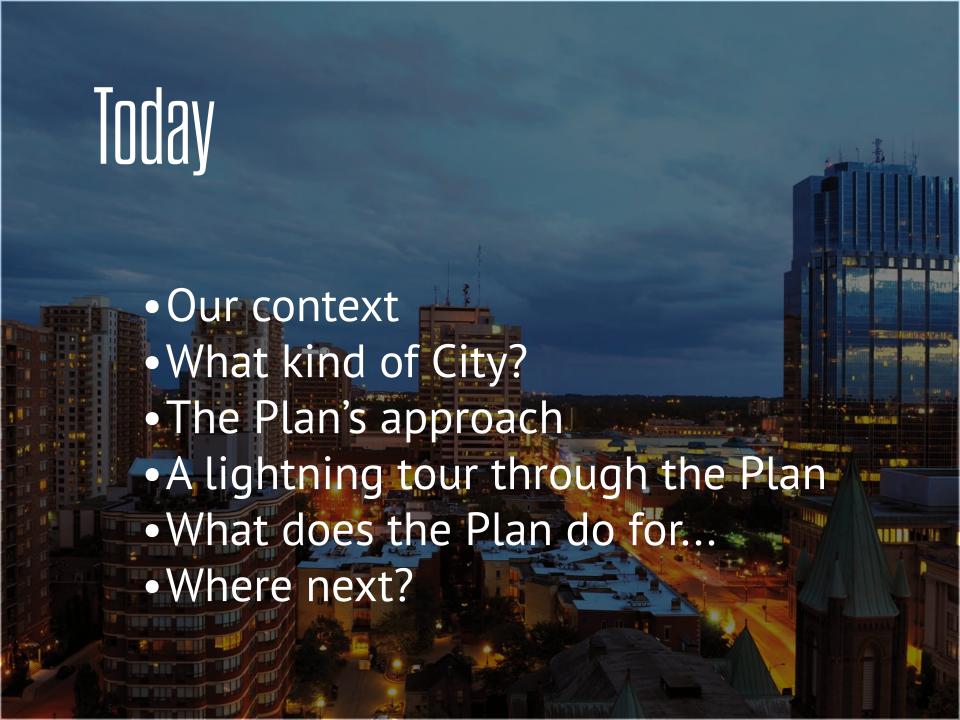
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EXCITING. EXCEPTIONAL. CONNECTED.





Public works and by-laws to conform with plan 24. (1) Despite any other general or special Act, where an official plan is in effect, no public work shall and, except as provided in subsections (2) and (4), law shall be passed for any purpose that does not con therewith.

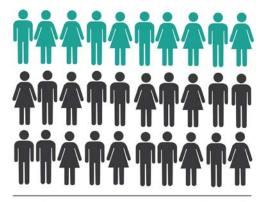






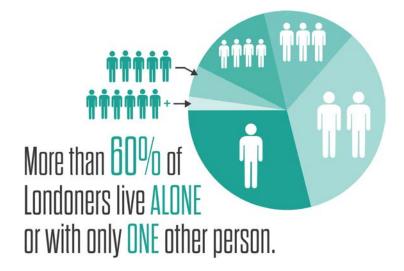
40% of London is considered RURAL and located outside of the Urban Growth Boundary



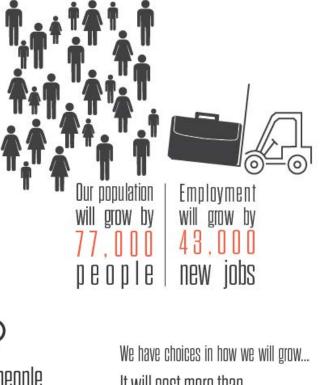


I IN 3 Londoners are MILLENIALS: born between 1980 and 2000





2035



Capital Costs - - -



Approximately I in 3 people in the labour force will be FOREIGN-BORN



Vilippool people will live within a 10 minute walk of London's proposed RT lines will work within 10 minutes of the RT lines

It will cost more than

3x as much as a
compact growth pattern
to develop & operate

5 BILLION
Mpact

S3.09
BILLION
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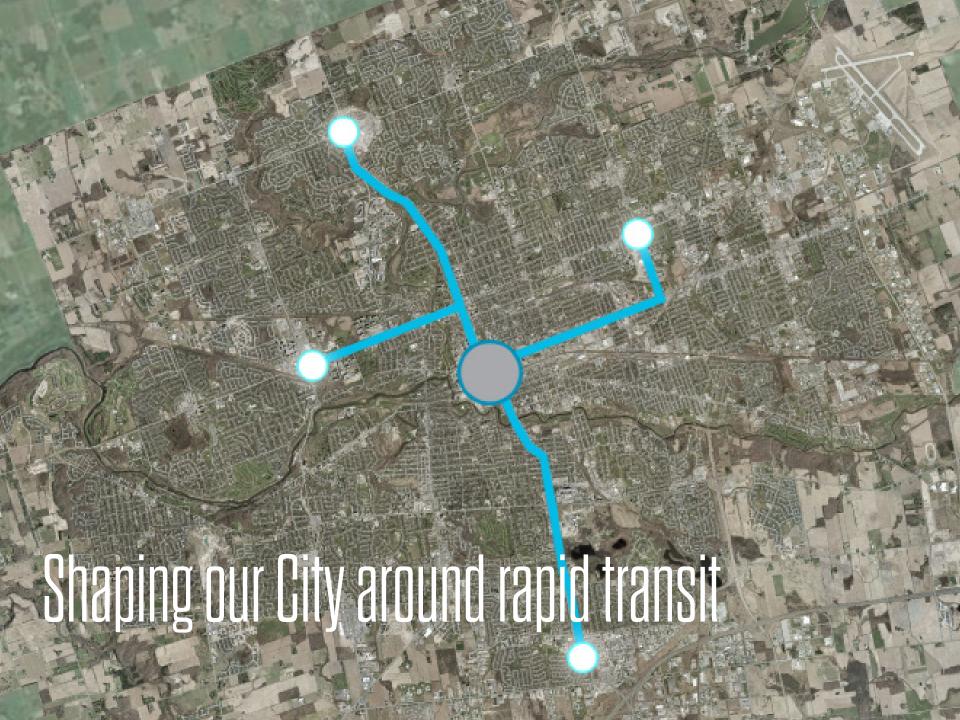
Hybrid

Spread







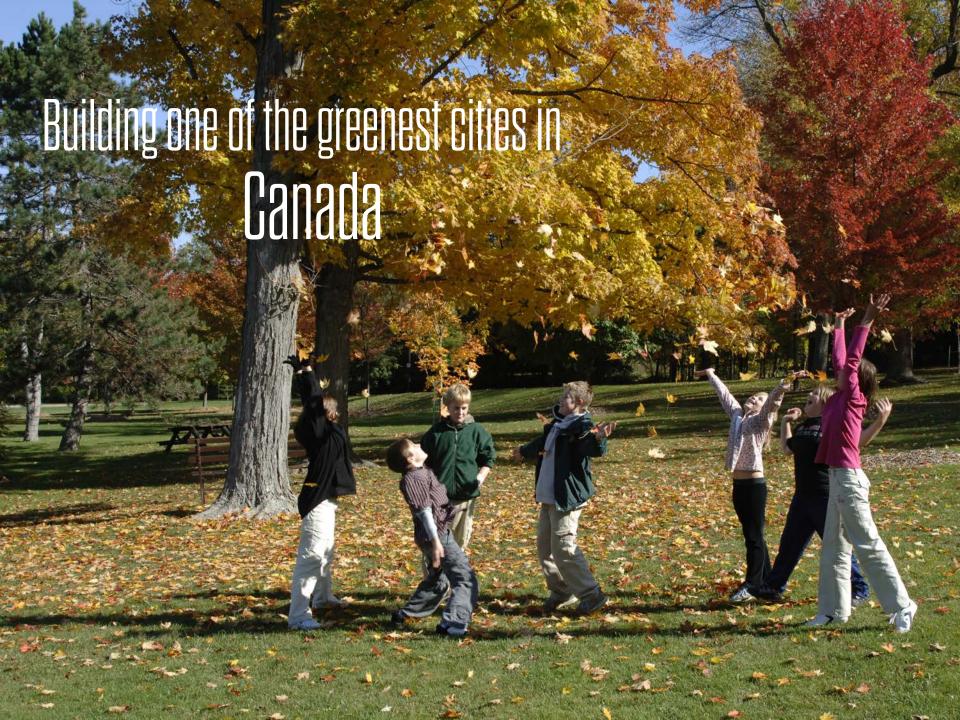










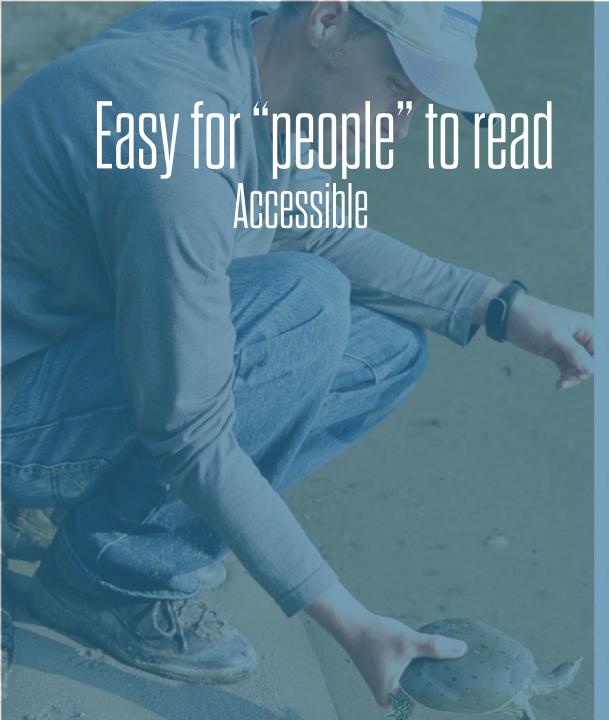












Natural Heritage

What is Natural Heritage?

244_Natural Heritage is defined as the natural features and ecological functions that in London. This includes such things as wetlands and woodlands, habitat for fish and and geological features such as valleylands, ravines and floodplains. Many people ref this as the natural environment, in contrast to the built environment – our streets, built and infrastructure. The term 'natural heritage' clearly conveys that the natural enviror something that we have inherited from the past, is something that we must maintain present, and is something that we must conserve and manage for the future.

245_London's natural environment has shaped the city since London was first founder the banks of the Thames River. Our woodlands, wetlands, ponds, stream corridors, fish wildlife habitats associated with the city's valleylands, and floodplains all make up Lo Natural Heritage System. We use the word system because we should not consider eathese components of the Natural Heritage System on their own, but how they are rela another, and how each of the parts makes up the system. Many of these features and have city-wide, regional or provincial significance, and many of the features extend be city and form part of the broader natural heritage system of southwestern Ontario.

246 In addition to its ecological values, the Natural Heritage System also has imported economic, social, cultural and recreational values for the city. The Thames River Vallemost important natural feature, and is closely linked with the City's history and identification. Thames River Valley is an area of public parks and recreational areas, private open spaneas, civic infrastructure, trails and pathways. This multi-functional role of the Tham Valley will continue to be supported by the City over the long term.

247 A Natural Heritage System is an ecologically-based definition of nature and natural functions within a connected system of green and natural areas that provide ecological functions. These natural functions provide flood protection by absorbing flood waters provide air to breathe from trees and plant life, and they cleanse our air and water by pollutants. A connected natural landscape is necessary to maintain biological and ged diversity, natural functions and viable populations of indigenous species and ecosyste systems can include lands that have been restored and areas with the potential to be to a natural state. Not all components of the Natural Heritage System are presently of within a connected system. This is because there is a scattered pattern of remnant na areas across the landscape that have been modified over time by urbanization and ag activities. Some natural features and areas may not be mapped because of their size of they have not yet been evaluated.

248. Surface and groundwater features and hydrological functions are to be considere of the systems approach to land use planning, consistent with the *Provincial Policy Sta* and the City Structure Plan that establishes watersheds as the foundation for our plan Factors to be considered in this systems approach include the surface water catchmen of wetlands that are necessary to maintain a critical feature, species or function, include water balance; areas where natural heritage features and groundwater conditions or sareas are connected; and sensitive recharge or vulnerable aquifer features identified to Source Water Protection Plans.

249 The Natural Heritage policies establish requirements for the identification and profit the Natural Heritage System. Policies include how we identify the various component the natural heritage system, how we determine their significance, how we assess the indevelopment on them, and how we will protect them and mitigate the impacts of development.

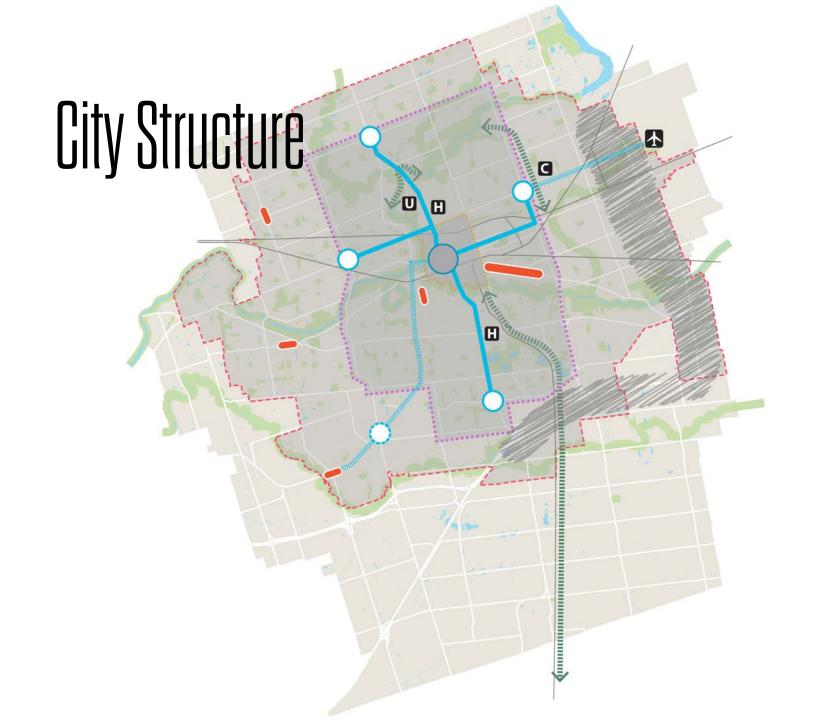
Why is natural heritage important to our future?

250_One of the many things that Londoners say makes London such a great city is the River Valley and our unique natural environment that is found within the urban fabric Our Natural Heritage System contributes to both our high quality of life and our image Forest City. The Thames River Valley, Westminster Ponds, Sifton Bog, Warbler Woods, M

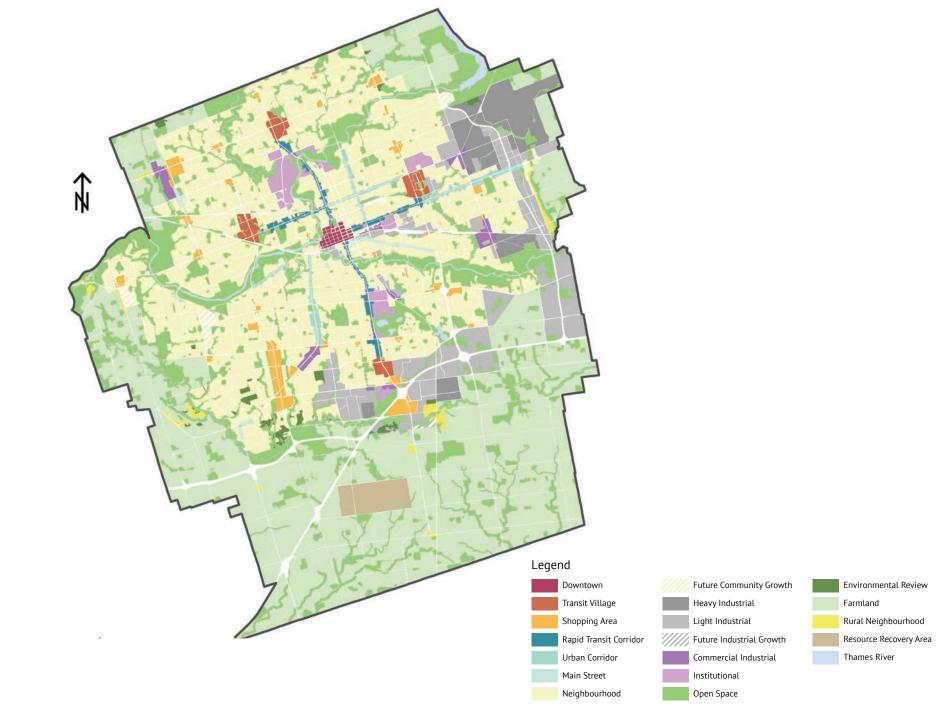














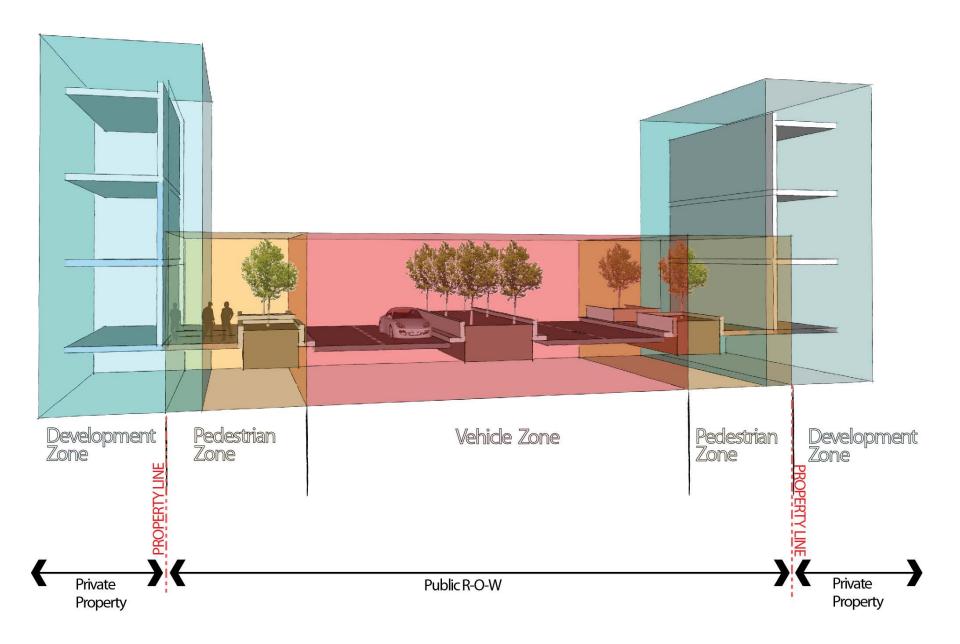


Table 6 - Major Streets

| | | ~ | - | | - | - |
|--|---|---|---|---|---|---|
| Vehicle Zone (Vehicle Zone is 60% of the Public Right-of-Way) | | | | | | |
| Divided and Separated | • | • | 0 | 0 | 0 | 0 |
| 4-6 Through Lanes | • | • | • | • | • | • |
| 2 Through Lanes | 0 | 0 | 0 | • | • | • |
| Transit Right-of-Way* | 0 | 0 | 0 | • | 0 | 0 |
| Transit Station Facility* | 0 | 0 | 0 | • | 0 | 0 |
| Bicycle Facilities | 0 | 0 | • | | • | |
| Bus Bays | 0 | 0 | • | 0 | 0 | 0 |
| Pedestrian Cross-walks | 0 | 0 | • | • | • | • |
| Left Turn Lanes | 0 | 0 | • | • | • | • |
| On-street Parking (Separate of a Through Lane) | 0 | 0 | • | • | • | • |
| Right Turn Lanes | 0 | 0 | • | • | | • |
| Planted Medians | 0 | 0 | • | 0 | • | • |
| Pedestrian Zone (Pedestrian Zone is 40% of the Public Right-of-Way) | | | | | | |
| Correlate Utilities (Provide for Optimal Tree Growth) | 0 | 0 | • | • | • | • |
| Pedestrian Scaled Lighting | 0 | 0 | | • | • | • |
| Planters (Pedestrian Buffer) | 0 | 0 | | | • | |
| Splash Strips/Snow Storage | 0 | 0 | • | • | • | • |
| Street Furniture/Other Infrastructure | 0 | 0 | • | • | • | • |
| Transit Stop & Related Facilities | 0 | 0 | | 0 | | • |
| Tree Planted | 0 | • | • | • | • | • |
| Vehicular Scaled Lighting | • | • | • | • | • | • |
| Sidewalks on Both Sides of the Street | 0 | 0 | • | • | • | • |

Table 7 - Minor Streets

| | 70 | 4 |
|---|----------|---|
| Vehicle Zone (Vehicle Zone is 40% of the Public Right-of-Way) | 121 | , |
| 4 Through Lanes | A | O |
| 2 Through Lanes | • | • |
| 2 Through Lanes and a turning lane at Urban Thoroughfare and Civic Boulevard (3 lan | ies) | 0 |
| Bicycle Facilities | | 4 |
| Bus Bays | 0 | C |
| Pedestrian Cross-walks | 0 | C |
| Left Turn Lanes | ▲ | C |
| On-street Parking (Part of Through Lanes) | • | |
| Right Turn Lanes | | C |
| Tree Planted Median | 0 | C |
| Pedestrian Zone (Pedestrian Zone is 60% of the Public Right-of-Way) | | |
| Correlate Utilities (Provide for Optimal Tree Growth) | • | |
| Pedestrian Scaled Lighting | • | • |
| Splash Strips/Snow Storage | • | |
| Street Furniture/Other Infrastructure | | C |
| Transit Stop | | • |
| Tree Planted | • | • |
| Vehicular Scaled Lighting | • | • |
| Sidewalks on Both Sides of the Street (except cul-de-sacs) | • | |

Table 8 - Rural Streets

| Vehicle Zone | |
|--|------------|
| (Vehicle Zone is 70% of the Public Right-of-Way) | |
| 4 Through Lanes | A |
| 2 Through Lanes | • |
| Bicycle Facilities | ■ |
| Left Turn Lanes | ■. |
| Right Turn Lanes | 0 |
| Pedestrian Zone (Landscaped Zone) (Pedestrian Zone is 30% of the Public Right-of-Way) | |
| Correlate Utilities (Provide for Optimal Tree Growth) | • |
| Vehicular Scaled Lighting | A . |
| Tree Planted | ■. |

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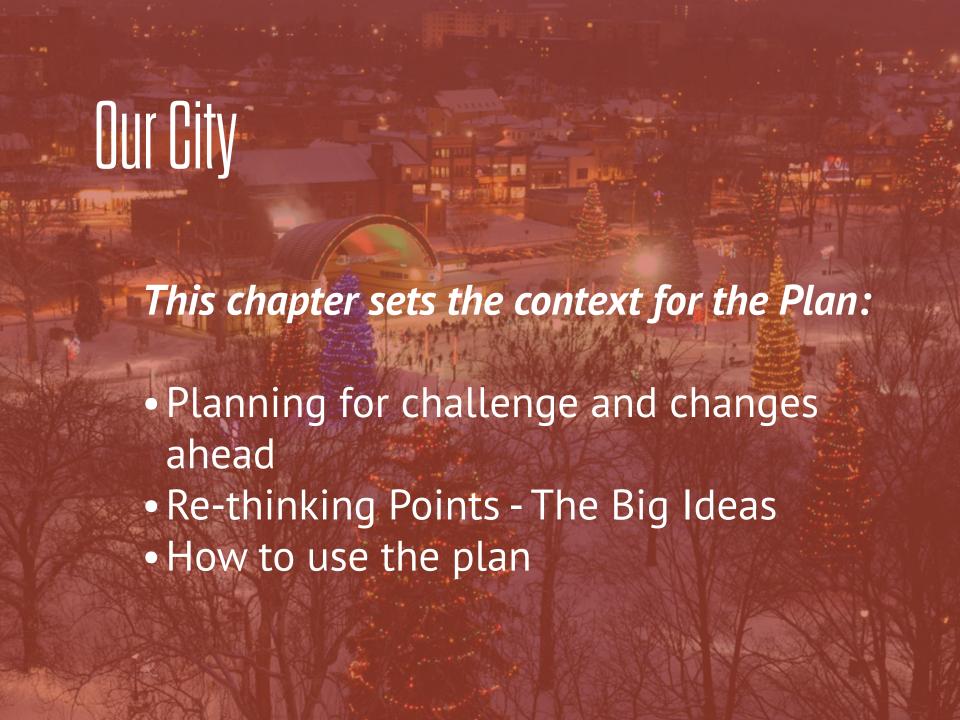










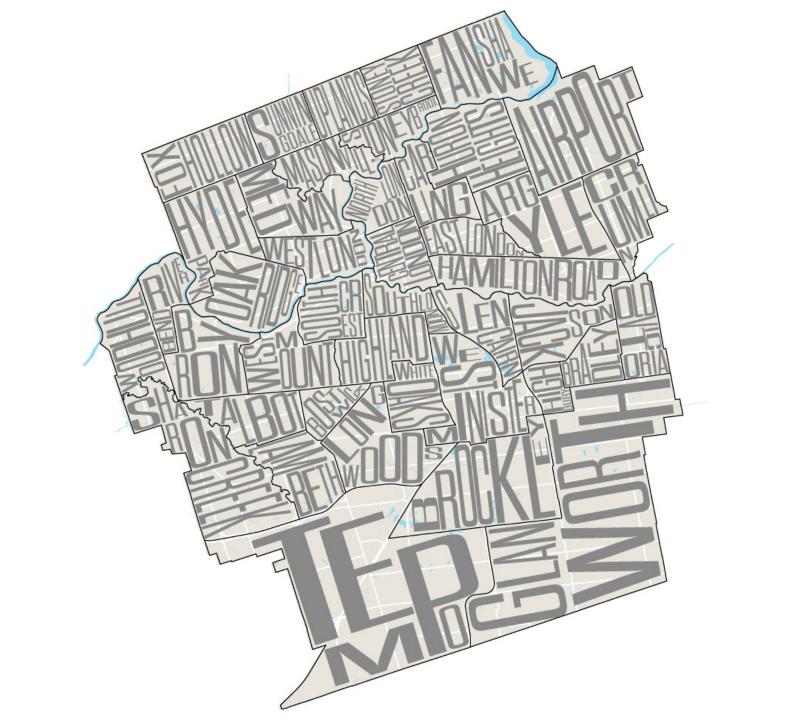


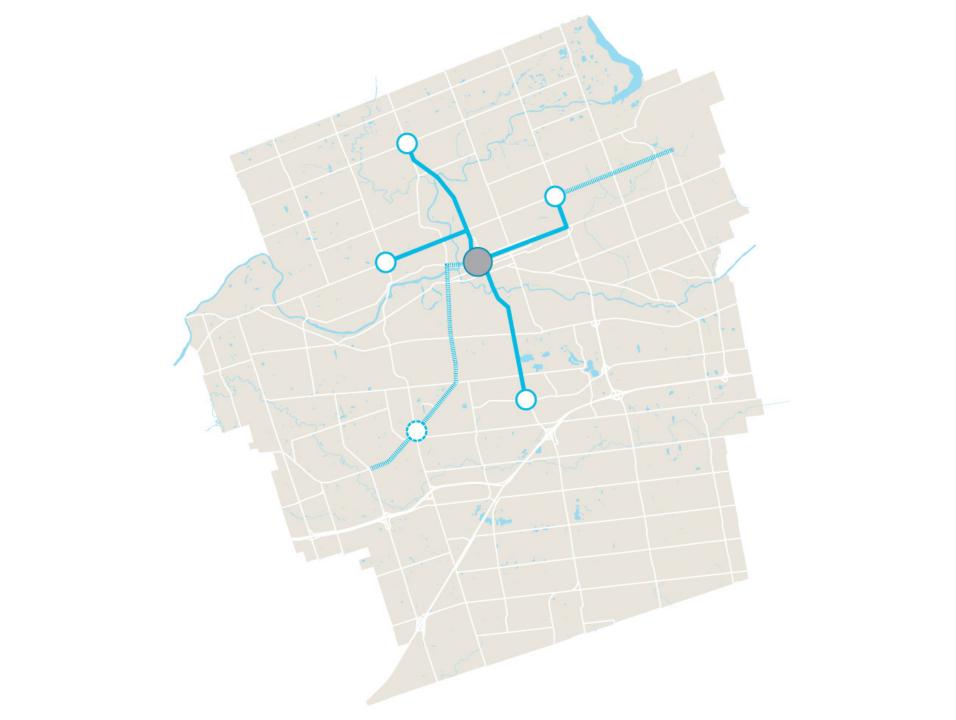




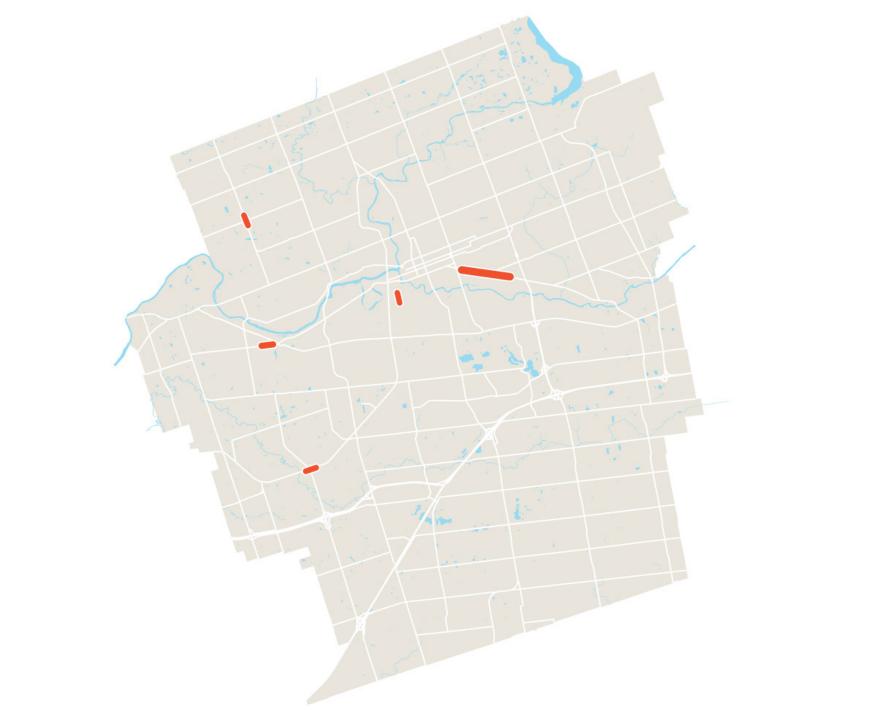






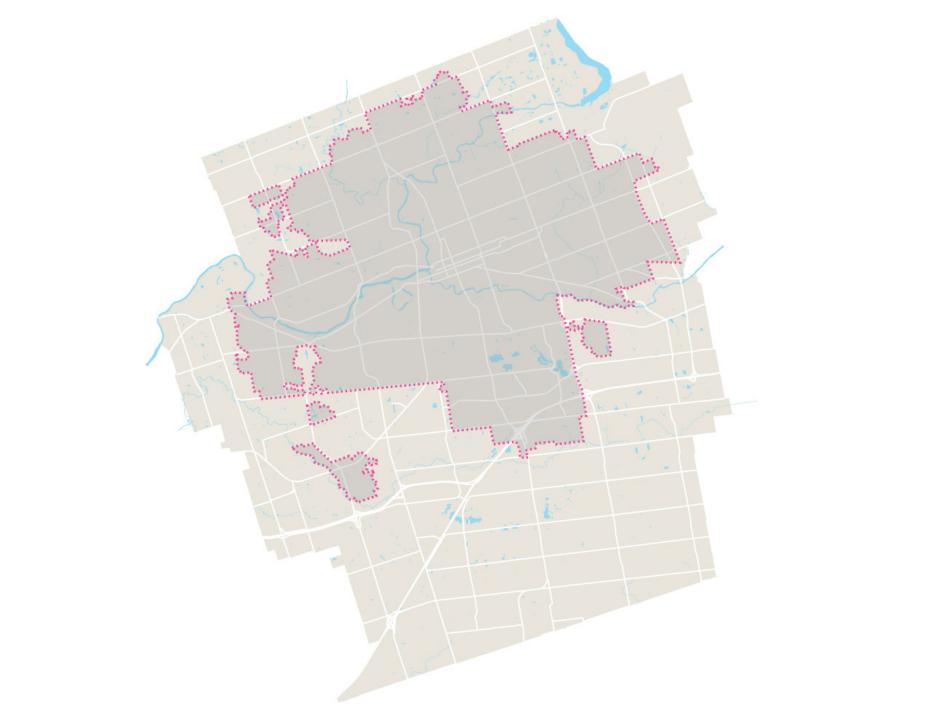


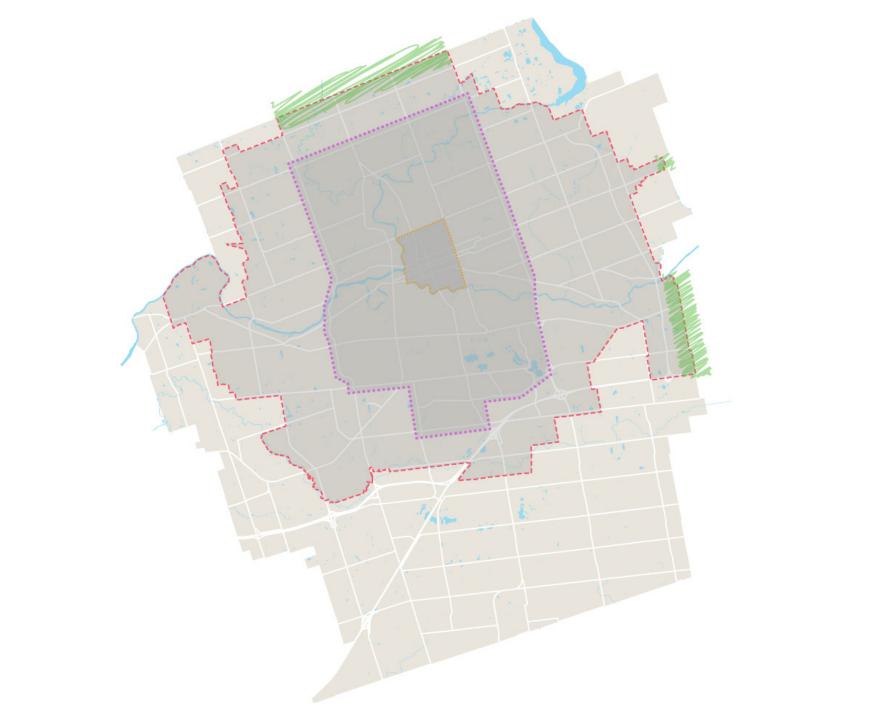














City Building Policies

- Growth Management
- City Design
- Urban Regeneration
- Mobility
- Natural Heritage
- Natural Hazards
- Natural Resources
- Urban Forest
- Parks and Recreation
- Public Facilities and services

- Civic Infrastructure
- Homelessness Prevention& Housing
- Cultural Heritage
- The Culturally Rich & Diverse City
- Smart City
- Food Systems
- Green City



Growth Management

Our city will grow by almost 80,000 people – maybe more – over the next 20 years. How do we support, invest in, and manage growth to achieve our vision?

- Growth boundary
- Intensification target
- Growth financing
- Growth servicing
- Secondary plans





Urban regeneration is about adopting and facilitating appropriate change and growth within our urban areas so that they are sustainable and prosperous

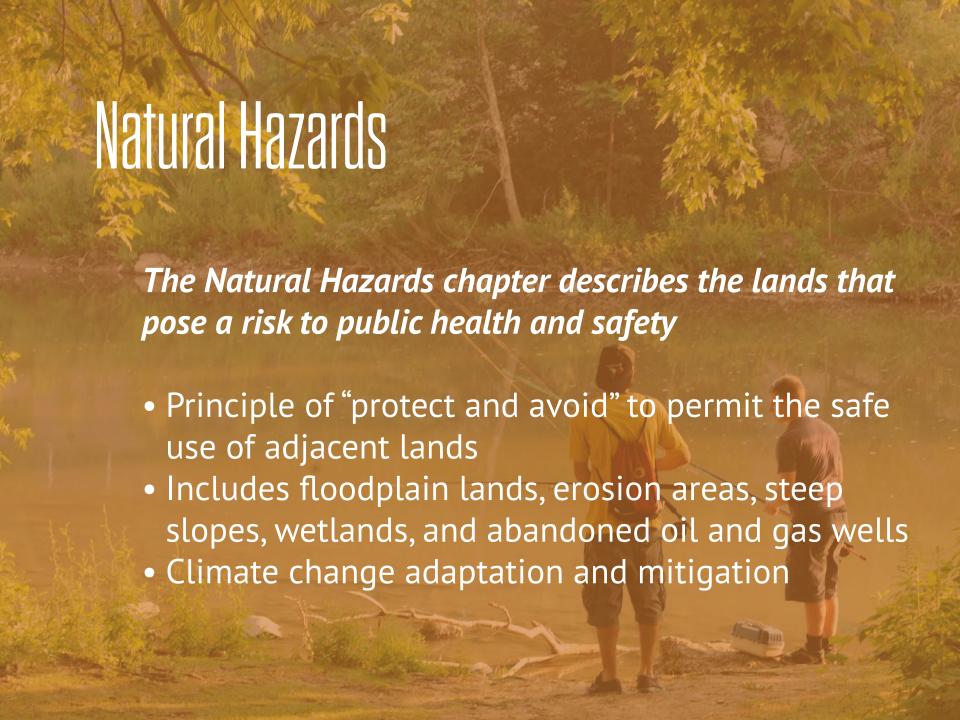
- Continuing to revitalize Downtown
- Urban communities and main streets such as Old East, Wortley, SoHo, Old North, Petersville
- Community Improvement Plans
- Aligning servicing and budgets to support regeneration
- Heritage preservation and revitalization
- Supporting appropriate intensification
- Brownfield revitalization





The Natural Heritage chapter describes the natural features and ecological functions that create London's natural heritage system

- Identify and protect London's Natural Heritage
 System
- Connected system of green and natural areas
- Maintains the policy advances of previous Official Plans



Natural Resources

The Natural Resources chapter describes lands that are to be protected to ensure that the resources are available to support growth and development

- Protect active aggregate resource areas so that gravel operations can continue
- Protect areas of water supply
- Rehabilitation and remediation of resource areas after the supply is exhausted
- Special policies for Byron and Kilally adjacent to active licensed gravel operations



Parks and Recreation

This chapter provides direction for planning our trails and pathways, parks and recreational facilities such as our arenas, pools and community centres

- Our parks and recreation
- Clear plans for Thames Valley Parkway
- Means for acquisition and development of park spaces
- Bicycle Master Plan
- New classification for parks:
 - Neighbourhood
 - District
 - Sports
 - Urban
 - City-wide
 - Civic spaces
 - Woodland parks
 - Open space parks



Civic Infrastructure

This chapter plans for the critical civic infrastructure that gives us safe and reliable water, sewage and solid waste disposal, drainage and flood control and electrical services and other utilities

- Support the City Structure Plan
- Create economic opportunities
- Safety and health
- Air and water quality



This chapter plans for homelessness prevention and a housing strategy

- Community housing strategy
- Creating housing opportunities
- Targets and programs
- Biennial Housing Monitoring Report
- Opportunities to acquire surplus lands for housing purposes
- Innovative tools Housing Development Corporation
- Housing mix in new communities
- Secondary units
- Aging in place
- Sustainable development to reduce maintenance costs & rents



Culturally Rich and Diverse City

This chapter of the plan seeks to build on our strengths today and to elevate London's profile as a regional cultural centre

- New chapter economic opportunity
- Elevate London's profile as a regional centre
- Build upon our cultural strengths to attract and retain talent
- Support cultural and innovative programming
- Plan for, maintain and enhance our cultural assets and public spaces
- Protect and enhance built, cultural and natural heritage
- Downtown, Old East, SoHo, Transit Villages, Main Streets
- Design spaces for festival, events, creative activities

Smart City

This chapter aims to promote economic development, civic innovation and the sharing of ideas and data through the development of smart infrastructure

- Enhanced information and communications technology (ICT) infrastructure
- Integrate into public infrastructure projects
- Promote entrepreneurship and attract business investment
- Assist with health care, high tech, education, various industrial sectors
- Integrate public wi-fi access points in the Downtown, Transit Villages, RT corridors
- Integrate advanced ICT infrastructure into new public facilities
- Smart City Master Plan possible
- Civic innovation
- Sharing of ideas and open data



A food system consists of growth, harvest, processing, packaging, distribution, transport, marketing, sale, serving, consumption and disposal of food. This chapter guides us to ensure our food system drives prosperity and is sustainable over time

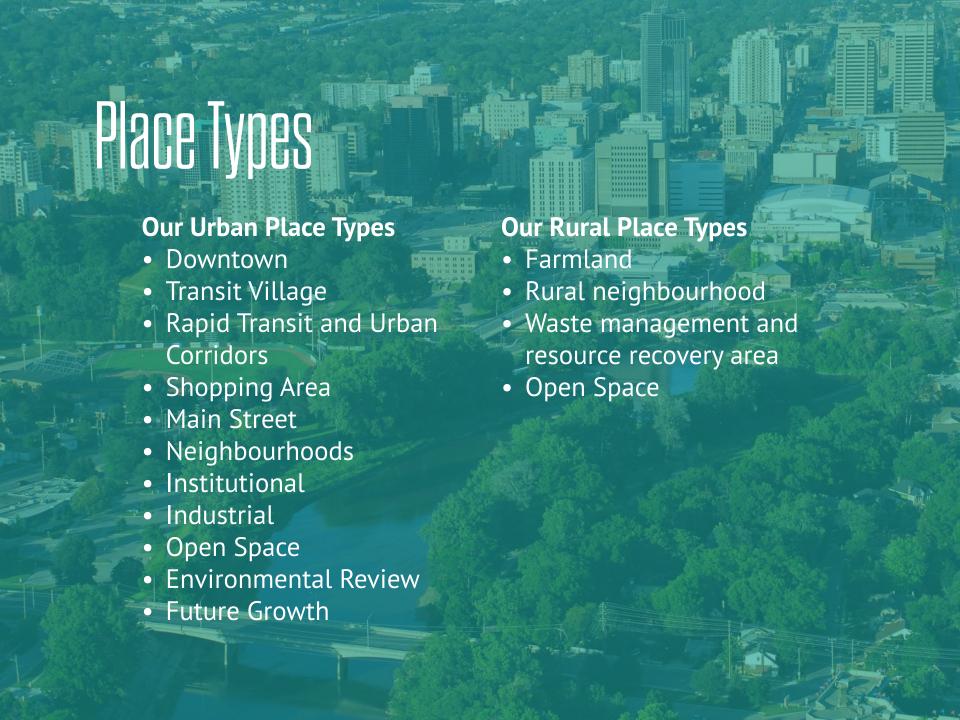
- Contributes to economic, ecological and social well-being of our city
- Encourage local and regional food production and processing
- Protect farmland
- Celebrate food culture, cuisine and indigenous and local food traditions
- Community garden strategy

The Green City

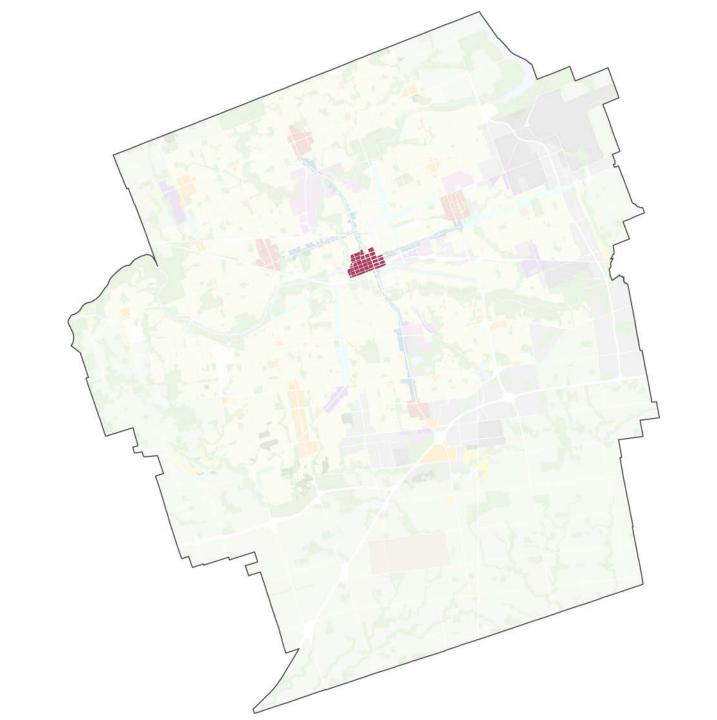
London will be one of the greenest cities in Canada

This chapter sets a plan to reduce London's ecological footprint to minimize our impacts on the environment, minimize our consumption of water and energy, and reduce our outputs of waste, water and air pollution, and heat.

- Green jobs
- Green development
- Green infrastructure
- Green transportation
- Conserve energy
- Maintain our natural environment
- Manage our waste



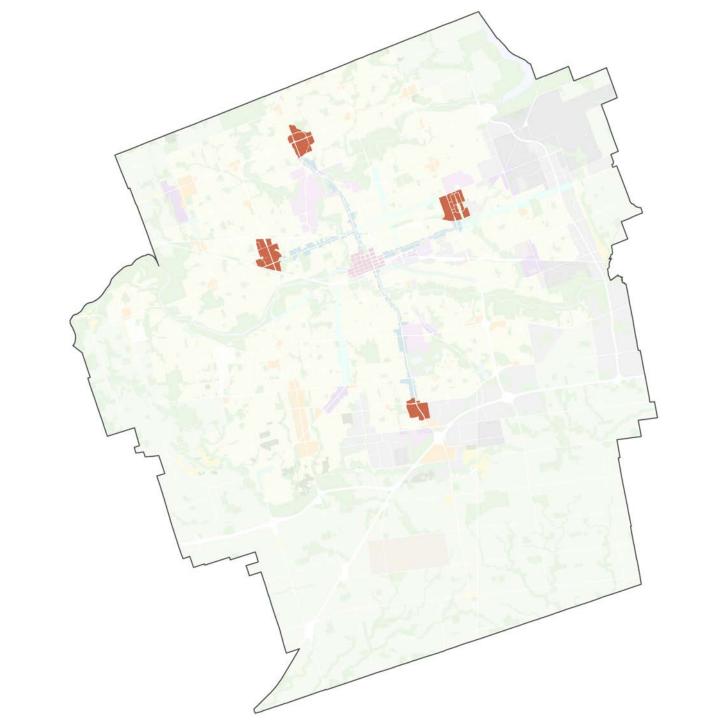




Downtown

The centre of activity - the cultural heart and economic engine of the City

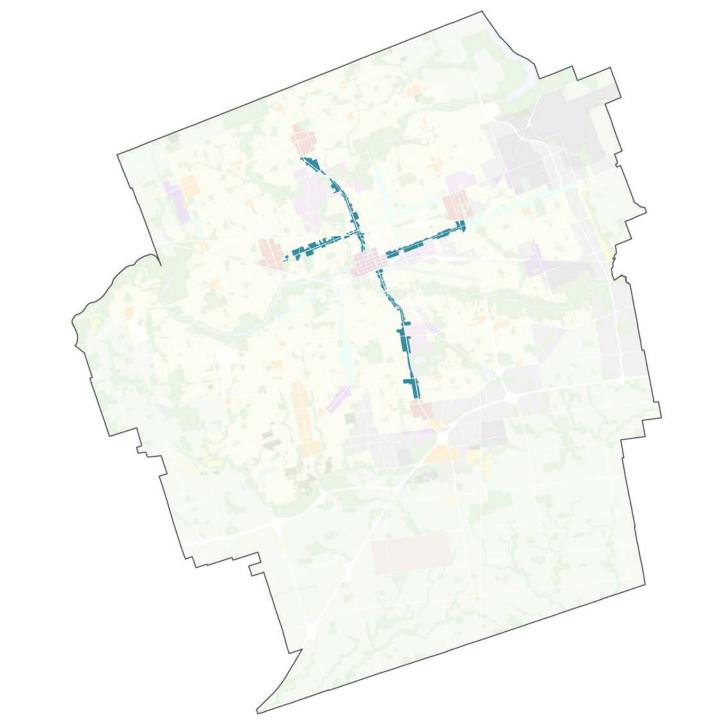
- Showcase our Civic image and our history
- Exceptional public spaces and places
- Dundas Street is the most exciting street in the City
- Home of large offices and professional and business service functions
- Highest order of communications infrastructure



Transit Village

Transit Villages will be highly livable, vibrant, mixed use urban neighbourhoods

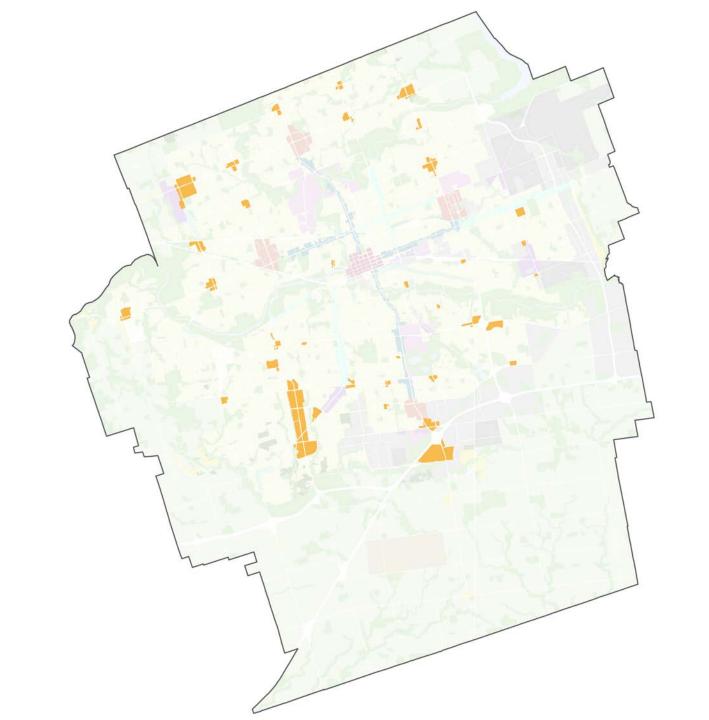
- Major destinations and transit hubs
- Broad range and mix of uses
- Highest intensity of development after Downtown
- Transit-oriented design
- Highest quality pedestrian and public realm
- Wide range of uses, including residential
- Transition to surrounding neighbourhoods
- Support rapid transit by generating ridership



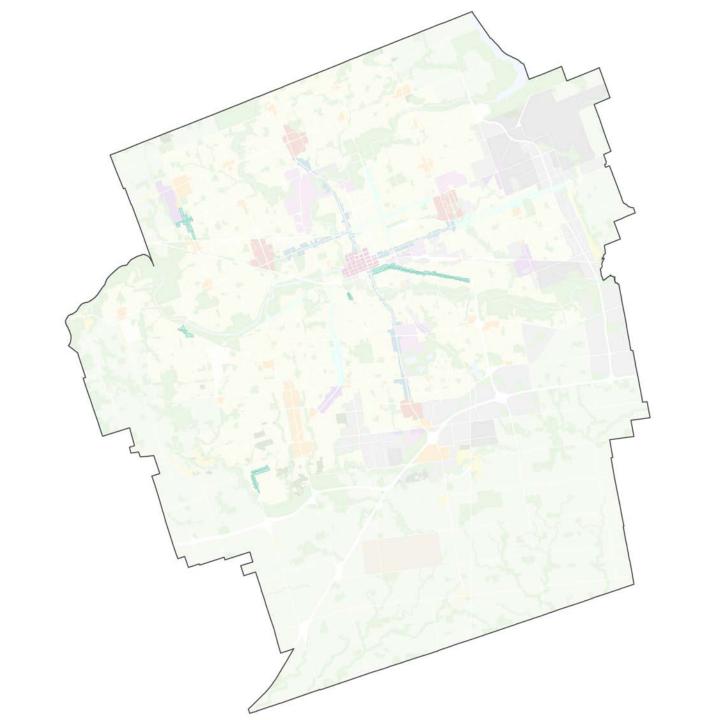
Rapid Transit and Urban Corridors

Rapid transit and urban corridors will be loaded with opportunity for intensification

- Mix of uses to support rapid transit
- High quality pedestrian and public realm
- Focus on height and intensity at transit stations
- Provide opportunities for wide range of uses to support rapid transit



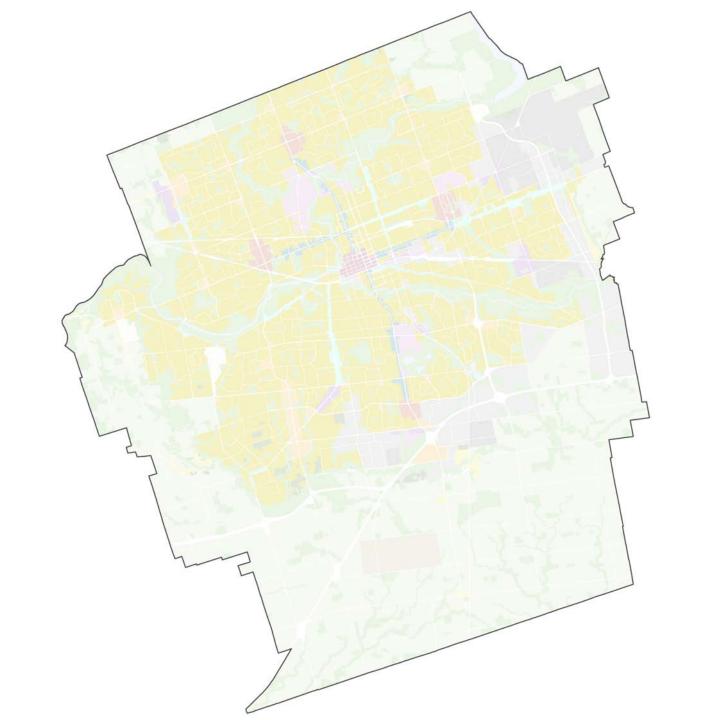




Main Street

Main streets will be pedestrian-oriented mixed-use corridors serving local needs and specialized retail opportunities

- Includes many of our traditional shopping streets (Wortley, Hamilton Road, Byron, Lambeth, Hyde Park)
- Important main streets are also in Rapid Transit Corridor Place
 Type
- Integrate heritage with new development
- Tied to regeneration policies
- Linear, street-oriented development with buildings close to the street, and parking at the side or rear
- Broad range of uses at a neighbourhood scale



Neighbourhoods

London is a mosaic of great neighbourhoods

- Describes the place where we live and play, with opportunities to work and shop
- Removes high, medium and low density residential designations
- Primarily low and mid-rise residential uses, with opportunities for other small-scale, low intensity uses within Neighbourhoods
- Specific policies for Near Campus Neighbourhoods, and other neighbourhood-specific policies carried over from the previous Plan

Table 13 - Range of Permitted Uses in Neighbourhood Place Type

| Street onto which the property has frontage | Primary permitted uses | Secondary uses conditional on classification of intersecting street | | | | Secondary permitted uses |
|--|--|---|--|--|--|--|
| | | Intersects With Neighbourhood Street | Intersects with Neighbourhood Connector | Intersects with Civic Bouelvard | Intersects with Urban Thoroughfare | Fronting Onto Park |
| Neighbourhood Street | Single detached Semi-detached Duplex Converted dwellings for a maximum of 2 units* Secondary suites Home occupations Group Homes | N/A | N/A | N/A | N/A | Secondary Uses: • Street townhouses |
| Neighbourhood Corridor | As per Neighbourhood Street Plus: Triplexes Converted dwellings Townhouses Small-scale community facilities Seniors residences | N/A | Secondary Uses: Mixed-use buildings Fourplexes* Stacked townhouse* Low-rise apartments* | Secondary Uses: Mixed-use buildings Fourplex* Stacked townhouse* Low-rise apartments* | Secondary Uses: Mixed-use buildings Fourplex* Stacked townhouse* Low-rise apartments* | Secondary Uses: Mixed-use buildings Fourplex* Stacked townhouse* Low-rise apartments* |
| Civic Boulevard and Urban Thoroughfare | As per Neighbourhood Connector Plus: Stacked townhouses Fourplexes Low-rise apartments Emergency care establishments Lodging houses Supervised residences | N/A | Secondary Uses: • Mixed-use buildings | Secondary Uses: Mixed-use buildings Stand- alone retail, service, office | Secondary Uses: Mixed-use buildings Stand- alone retail, service, office | Secondary Uses: • Mixed-use buildings |

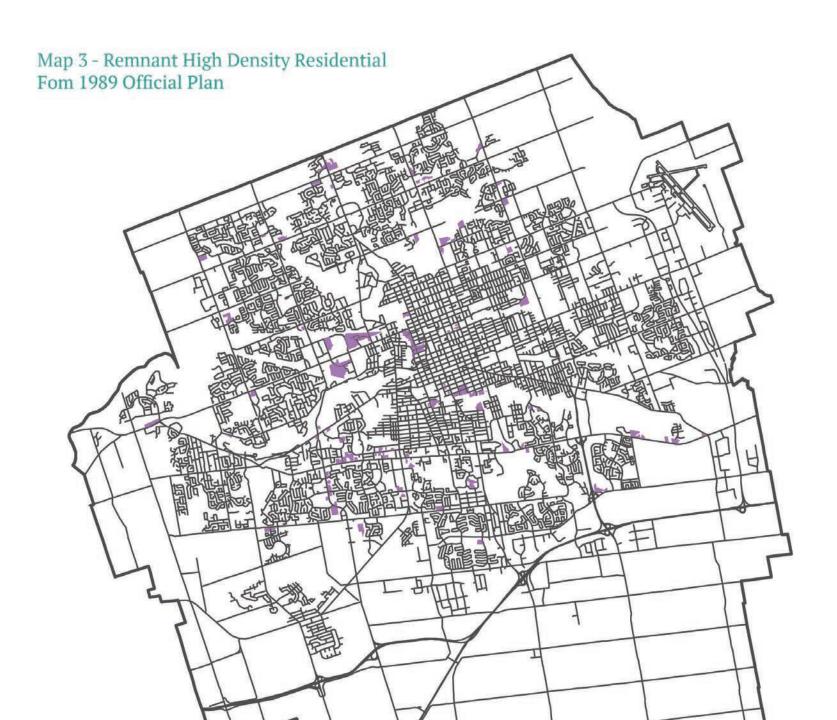
Note: The full range of uses shown in this table will not necessarily be permitted on all sites within the Neighbourhood Place Type

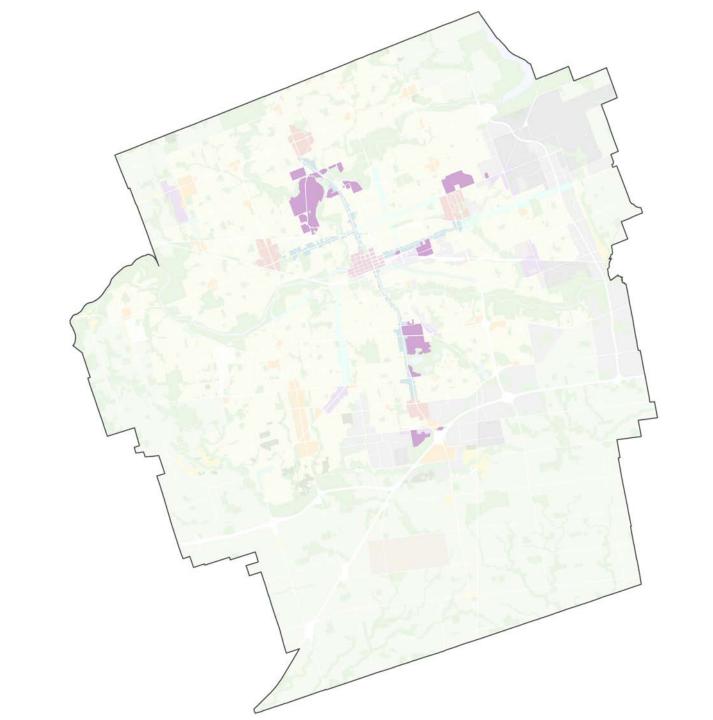
^{*} See the Permitted Uses in the Neighbourhood Place Type for more specific Near-Campus Neighbourhoods policies for these land uses.

Table 14 - Range of Permitted Heights within Neighbourhood Place Type

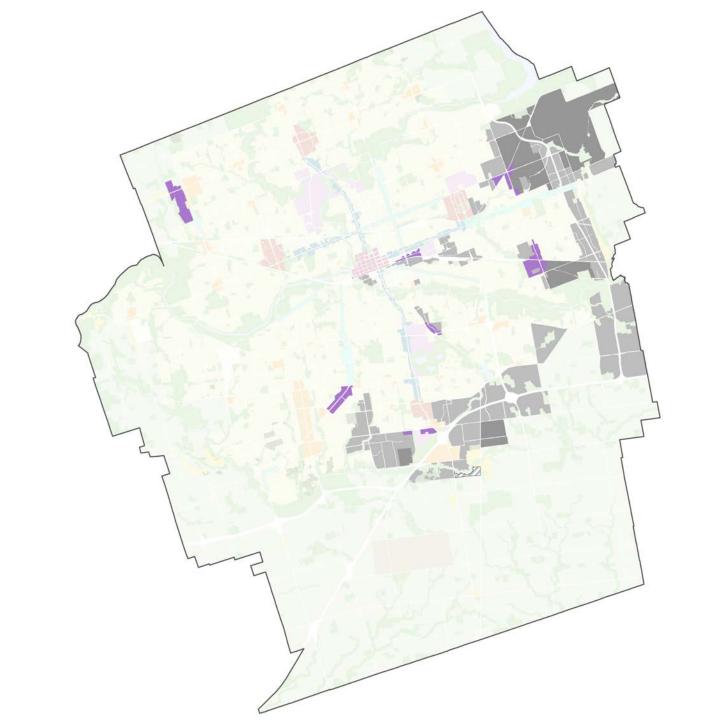
| Street onto which property has frontage | Minimum and maximum height (storeys) that may be permitted along this classification of street (Base condition) | Minimum and condition | Minimum and maximum height (storeys) that may be permitted conditional upon classification of intersecting street | | | |
|---|---|-------------------------|---|-----------------------------------|----------------------------------|--|
| | | Neighbourhood Street | Neighbourhood Connector | Civic Boulevard | Urban Thoroughfare | Fronting Onto Neighbourhood Park |
| Neighbourhood Street | Min. 1 Max. 2.5 | Same as base | Same as base | Same as base | Same as base | Same as base |
| Neighbourhood Connector | Min. 1 Max. 2.5 | Same as base | Same as base | Min. 2 Max. 3 Bonus up to 4 | Min.2 Max. 3 Bonus up to 4 | Min. 2 Max. 3 Bonus up to 4 |
| Civic Boulevard | Min. 2 Max. 4 Bonus up to 6 | Same as base | Same as base | Same as base | Same as base | Same as base |
| Urban Thoroughfare | Min. 2 Max. 4 Bonus up to 6 | Same as base | Same as base | Same as base | Same as base | Same as base |

Note: Zoning on individual sites may not allow for the full range of intensity described in this table.





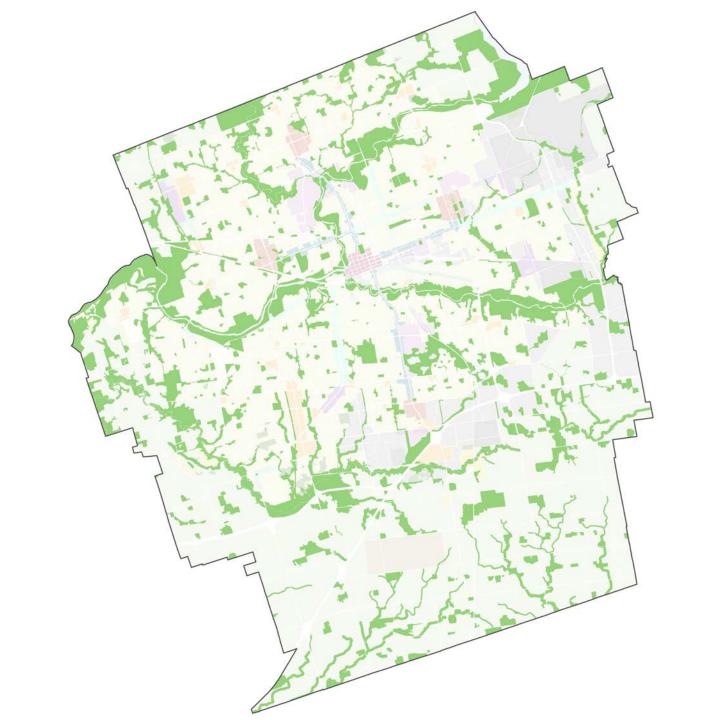




Industrial

Industrial uses drive economic activity. These policies support our industrial land development strategy

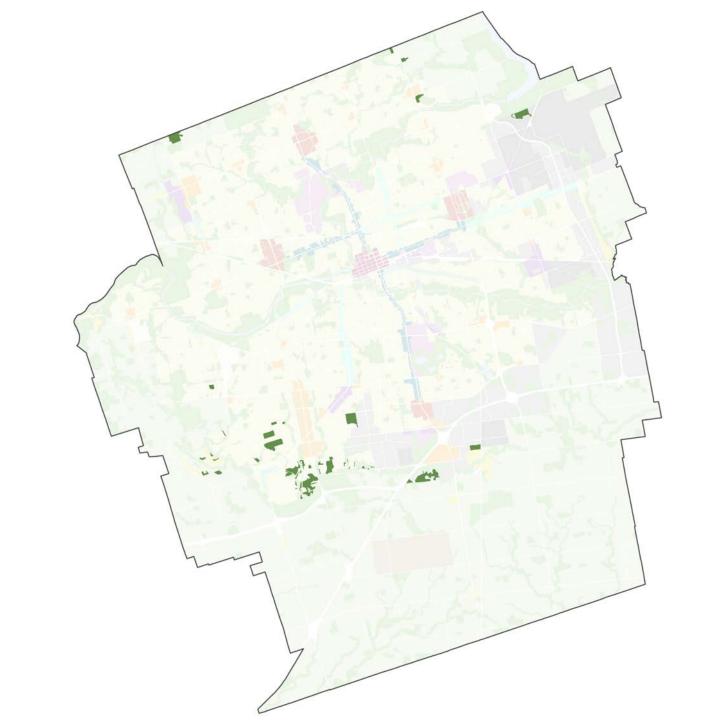
- Heavy Industrial-most intensive industrial uses. Are separated from uses that would impair the full use of the land
- Light Industrial-lower intensity uses with few off-site impacts. Includes Innovation Parks - clusters of research and development uses, laboratories, centres of excellence and training facilities and light assembly and manufacturing related to innovation
- Commercial Industrial-more intensive uses than traditional commercial uses, and uses with some off-site impacts



Open Space

This chapter plans for a network of lands in a natural state and lands maintained as parkland

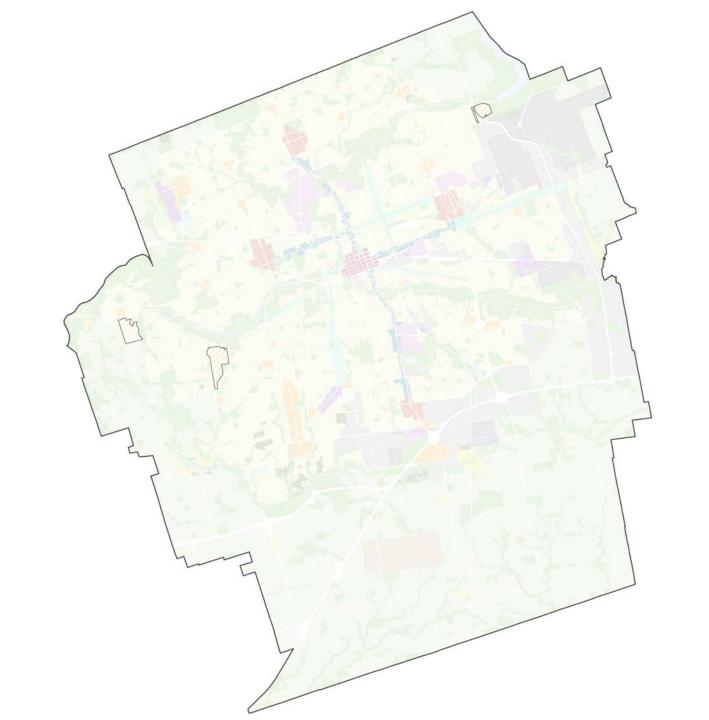
- Applies in both Urban and Rural London
- A linked system of public parks and recreational areas, private open space and our cherished natural heritage system
- Includes the natural defining areas of the City-the Thames River Valley and its tributaries
- A key element of London's quality of life



Environmental Review

This chapter describes lands that have not yet been fully assessed to determine if they are significant and to be protected as part of London's natural heritage system

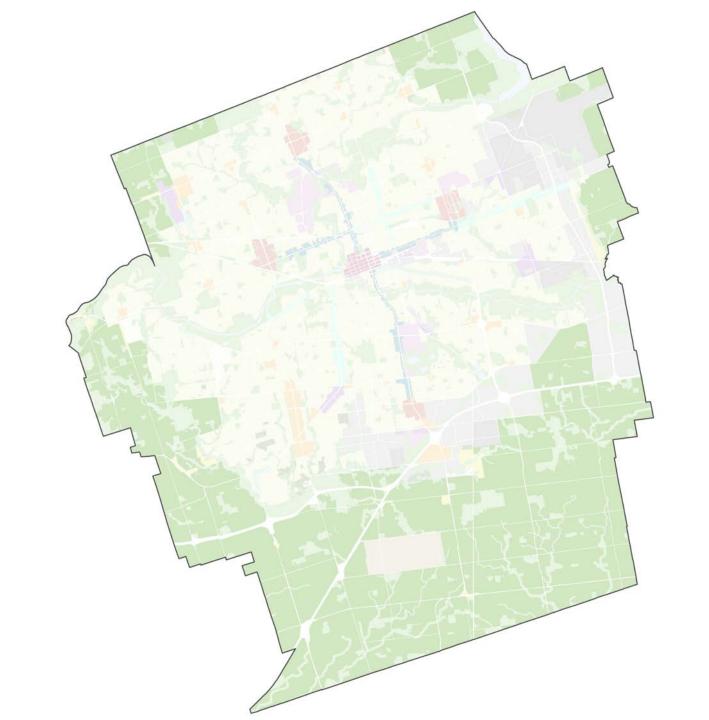
- Lands are identified and protected until an assessment is done
- Lands that satisfy the criteria for significance under the Natural Heritage policies of this Plan included in the Open Space Place Type
- Lands that do not satisfy criteria for significance will be included in an appropriate place type, in conformity with the policies of the plan



Future Growth

This chapter establishes Council's intent for future urban development on the lands to which it is applied

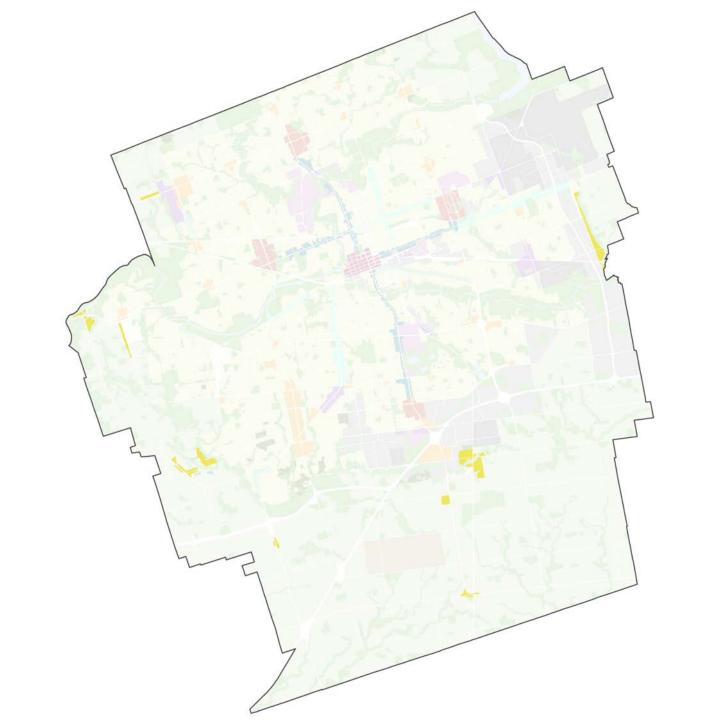
- Additional background studies are required to be completed and a Plan prepared to determine the future Place Types for the area
- Includes both **Future Industrial Growth** where the expectation is that the lands will be used for industrial purposes, and **Future Community Growth** where non-industrial Place Types such as Neighbourhood, Shopping Area or Open Space will be applied



Farmland

This chapter plans for our farmland, which is almost 40% of London's area

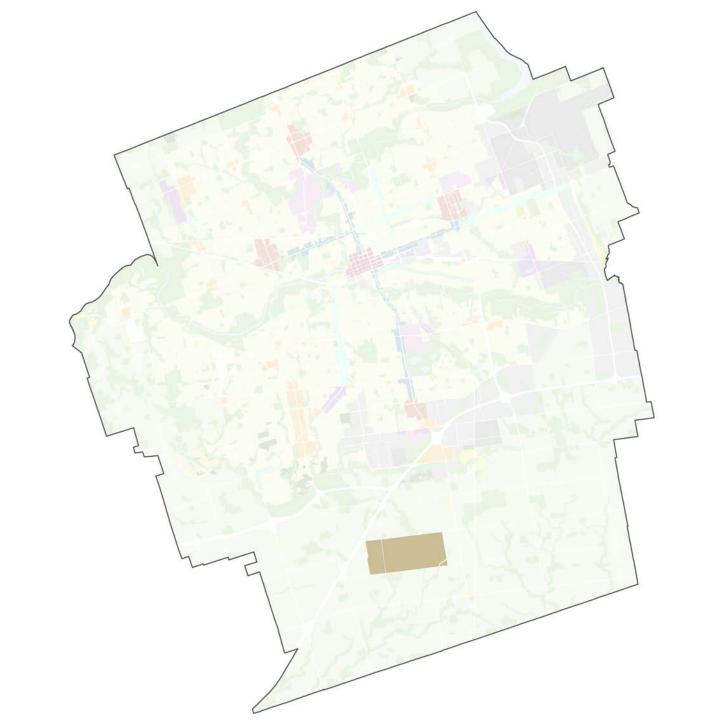
- Includes prime agricultural lands consisting of Class 1,2 and 3 soils
- Non-farm related uses are discouraged
- Longterm protection of agricultural lands



Rural Neighbourhood

This chapter plans for rural communities and settlement areas outside of the Urban Growth Boundary

- Opportunities for small-scale commercial and industrial uses directed primarily towards the farming community
- On-site water and wastewater treatment requirements govern the intensity of development
- Most development is street-oriented



Waste Management Resource Recovery Area

This chapter plans for London's landfill area and the related uses for waste disposal, treatment, recycling, reduction, re-use, resource recovery, and public education about these facilities

- Our landfill facility is an important part of the City's infrastructure and economy
- Located to minimize their impact on sensitive land uses
- Opportunities for waste-recovery and waste related industries
- Policies to mitigate impacts of odour, dust, litter and noise on adjacent properties









- Creating a city that attracts talent and investment
- New opportunities for development
- Flexibility
 - Broader range of permitted uses
 - No density caps in new Place Types
- Certainty enabling the opportunities
- Small business opportunities regeneration
- Innovation in our industrial areas
- Smart infrastructure competitive advantage
- Green Jobs
- Food systems
- Affordable growth patterns keep taxes low





- Mobility is a common thread throughout the Plan
- Links transportation to the planning of place
- Major goal is viable rapid transit
- Creates attractive cycling, walking and transit options
- City-building to capitalize on high speed rail in future





- Builds on success of existing policies
- City Structure Plan big picture resiliency
- New Urban Forest policies
- New Green City policies sustainability
- Protection of farmland and food systems
- Climate change mitigation and adaptation
- Reduce carbon footprint



Agriculture

- New city structure plan creates distinct urban and rural areas
- Rural Neighbourhood policies
- New Food Systems policies and opportunities
- Growth Management

Culture

- New Culturally Rich and Diverse City chapter
- Promotes new opportunities to support cultural diversity
- Culture as an economic driver
- Cultural Heritage chapter
- Downtown and main street policies
- Urban Regeneration
- Great civic spaces



