

## Proposed Text Amendments – Infrastructure

Grey highlighted strikethrough text = text to be deleted

**Bolded text** = text to be added

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
Volume 1, Chapter B – Communities				
B.3.5.2.2	Insert new Policy B.3.5.2.2 and renumber subsequent policies accordingly.  <b>B.3.5.2.2 The City will consider opportunities for optimizing the use of existing <i>community facilities</i> and their adaptive re-use wherever feasible.</b>	B.3.5.2.2 The City will consider opportunities for optimizing the use of existing <i>community facilities</i> and their adaptive re-use wherever feasible.	√ PPS Policy 1.6.3	
B.3.5.2.5	B.3.5.2.5 Where new <i>community facilities</i> are clustered or co-located in campus-like settings, the following criteria shall apply: c) Care and attention shall be given to the pedestrian environment, with pedestrian linkages between buildings and pedestrian circulation plans <b>to encourage social interaction and community connectivity.</b>	B.3.5.2.5 Where new <i>community facilities</i> are clustered or co-located in campus-like settings, the following criteria shall apply: c) Care and attention shall be given to the pedestrian environment, with pedestrian linkages between buildings and pedestrian circulation plans to encourage social interaction and community connectivity.	√ PPS Policy 1.5.1 a)	
B.3.5.2.12	B.3.5.2.12 All new public buildings and public <i>community facilities/services</i> shall: a) be designed to reflect and enhance local community character, image, identity, and sense of place; <del>and</del> , b) be encouraged to include public art as part of overall site and/or building design;.	B.3.5.2.12 All new public buildings and public <i>community facilities/services</i> shall: a) be designed to reflect and enhance local community character, image, identity, and sense of place; b) be encouraged to include public art as part of overall site and/or building design;	√ PPS Policy 1.7.1 l)  Growth Plan	Referencing City's current policy document.

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
	c) provide equitable public access to telecommunication (web access); and, d) be in compliance with the Corporate Energy and Sustainability Policy and constructed to promote water conservation, energy efficiency, <i>renewable energy systems</i> and/or <i>alternative energy systems, including district energy</i> , in accordance with Policy B.3.7.2, where feasible.	c) provide equitable public access to telecommunication (web access); and, d) be in compliance with the Corporate Energy and Sustainability Policy and constructed to promote water conservation, energy efficiency, <i>renewable energy systems</i> and/or <i>alternative energy systems, including district energy</i> , in accordance with Policy B.3.7.2, where feasible.	Policies 4.2.9.1 a) & b)	
B.3.5.2.13	B.3.5.2.13 Policies B.3.5.2.1 to B.3.5.2.3 inclusive, B.3.5.2.5, B.3.5.2.6, and B.3.5.2.9 to B.3.5.2.12 a) and b) inclusive shall not apply to the renovation, expansion, or <i>adaptive reuse</i> of existing buildings for <i>community facilities</i> .	B.3.5.2.13 Policies B.3.5.2.1 to B.3.5.2.3 inclusive, B.3.5.2.5, B.3.5.2.6, and B.3.5.2.9 to B.3.5.2.12 a) and b) inclusive shall not apply to the renovation, expansion, or <i>adaptive reuse</i> of existing buildings for <i>community facilities</i> .		
B.3.5.2.14 (New)	Insert Policy B.3.5.2.14, as follows:  <b>B.3.5.2.14 The City shall endeavour to recover the full lifecycle cost of providing sustainable public <i>community facilities/services</i>, as required by applicable municipal By-laws and provincial legislation.</b>	B.3.5.2.14 The City shall endeavour to recover the full lifecycle cost of providing sustainable public <i>community facilities/services</i> , as required by applicable municipal By-laws and provincial legislation.	√ Growth Plan Policy 2.2.1.3 b)	
<b>Volume 1, Chapter C – City Wide Systems and Designations</b>				
C.2.8.3	<b>C.2.8.3 The City shall consider the Great Lakes Strategy, the targets and goals of the <i>Great Lakes Protection Act, 2015</i>, and any applicable Great Lakes agreements as part of <i>watershed</i></b>	C.2.8.3 The City shall consider the Great Lakes Strategy, the targets and goals of the <i>Great Lakes Protection Act, 2015</i> , and any applicable Great Lakes agreements as part of <i>watershed</i>	√ Growth Plan Policy 4.2.1.5	

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
	<i>planning</i> and coastal or waterfront planning initiatives.	<i>planning</i> and coastal or waterfront planning initiatives.		
C.2.11.5 (New)	<b>C.2.11.5</b> The City shall prepare and update as necessary an Urban Forest Strategy to protect publicly and privately owned trees and supporting vegetation within the <i>Urban Area</i> , in accordance with Section C.5.6 – Green Infrastructure.	C.2.11.5 The City shall prepare and update as necessary an Urban Forest Strategy to protect publicly and privately owned trees and supporting vegetation within the <i>Urban Area</i> , in accordance with Section C.5.6 – Green Infrastructure.	√ PPS Policy 1.6.2	Urban Forestry Strategy is in process.
C.2.13.4 (New)	<b>C.2.13.4</b> The City shall protect, improve or restore the <i>quality and quantity of water</i> by evaluating and preparing for the <i>impacts of a changing climate</i> to water resource systems at the watershed level.	C.2.13.4 The City shall protect, improve or restore the <i>quality and quantity of water</i> by evaluating and preparing for the <i>impacts of a changing climate</i> to water resource systems at the watershed level.	√ PPS 2.2.1 d)	
C.5	Add new preamble to section C.5:  <b>Planning for the city’s existing and future infrastructure requires addressing needs relating to water, wastewater, stormwater management, and waste management facilities. The objective of this plan is to ensure that planning for new or expanded infrastructure will occur in an integrated manner, including evaluations of long-range land use, environmental and financial planning, and will be supported by infrastructure master plans, asset management plans, and other required plans and studies.</b>	Planning for the city’s existing and future infrastructure requires addressing needs relating to water, wastewater, stormwater management, and waste management facilities. The objective of this plan is to ensure that planning for new or expanded infrastructure will occur in an integrated manner, including evaluations of long-range land use, environmental and financial planning, and will be supported by infrastructure master plans, asset management plans, and other required plans and studies.  In planning for existing and planned infrastructure, there is a need to respond to the <i>impacts of a changing climate</i> and		New preamble to Section C.5, currently missing from UHOP. Addresses importance of both traditional and green infrastructure.

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
	In planning for existing and planned infrastructure, there is a need to respond to the <i>impacts of a changing climate</i> and consider both ‘traditional’ hard infrastructure such as sewers, watermains and pumping stations, as well as ‘green infrastructure’ including natural heritage features, parkland, street trees and green roofs. To increase the resiliency of our communities, comprehensive stormwater management planning, including the use of appropriate low impact development and green infrastructure, must consider risks and vulnerabilities arising from increased extreme weather events.	consider both ‘traditional’ hard infrastructure such as sewers, watermains and pumping stations, as well as ‘green infrastructure’ including natural heritage features, parkland, street trees and green roofs. To increase the resiliency of our communities, comprehensive stormwater management planning, including the use of appropriate low impact development and green infrastructure, must consider risks and vulnerabilities arising from increased extreme weather events.		
C.5.3.3 (New)	Add new Policy C.5.3.3 and renumber subsequent policies accordingly.  <b>C.5.3.3 Policy C.5.3.2 shall not apply to lands that are designated Escarpment Natural, Escarpment Protection or Escarpment Rural in the Niagara Escarpment Plan.</b>	C.5.3.3 Policy C.5.3.2 shall not apply to lands that are designated Escarpment Natural, Escarpment Protection or Escarpment Rural in the Niagara Escarpment Plan.	√ Niagara Escarpment Plan Policy 2.12.7	Policy C.5.3.2 provides that the City may allow existing lots and existing uses that front on a rural/urban boundary road to connect to existing municipal water and wastewater systems, subject to conditions. The introduction of new Policy C.5.3.3 is required to ensure the Official Plan is in conformity with the Niagara Escarpment Plan.
C.5.3.9 (Existing)	Separate existing Policy C.5.3.9 into separate policies and renumber subsequent policies accordingly.	C.5.3.9 The nature or concentrations of wastewater from non-residential sources will be regulated by the City through the		Deleted portion of this policy being moved to a new, separate and updated policy.

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
	<p>C.5.3.9 The nature or concentrations of wastewater from non-residential sources will be regulated by the City through the Sewer Use By-law, which may be periodically amended by Council. <del>The City shall maintain and update a Water and Wastewater Master Plan which is supported by the policies of this Plan, providing direction for planning and staging of improvements to the City's water and sewer facilities and guides the operation of the City's day-to-day water and sewer programs.</del></p>	<p>Sewer Use By-law, which may be periodically amended by Council.</p>		
C.5.3.10 (New)	<p>Insert new Policy C.5.3.10 and renumber subsequent policies accordingly.</p> <p><b>C.5.3.10 The City shall maintain and update a Water and Wastewater Master Plan which is supported by the policies of this Plan, providing direction for:</b></p> <ul style="list-style-type: none"> <li><b>a) planning and staging of improvements to the City's water and sewer facilities;</b></li> <li><b>b) guidance on the operation of the City's day-to-day water and sewer programs;</b></li> <li><b>c) ensuring that the City's water and sewer systems are prepared for the <i>impacts of a changing climate</i>, including increased flooding, extreme temperatures and weather events;</b></li> </ul>	<p>C.5.3.10 The City shall maintain and update a Water and Wastewater Master Plan which is supported by the policies of this Plan, providing direction for:</p> <ul style="list-style-type: none"> <li>a) planning and staging of improvements to the City's water and sewer facilities;</li> <li>b) guidance on the operation of the City's day-to-day water and sewer programs;</li> <li>c) ensuring that the City's water and sewer systems are prepared for the <i>impacts of a changing climate</i>;</li> <li>d) demonstrates that the effluent discharges and water takings associated with the system will not negatively impact the quality and quantity of water; and,</li> <li>e) protection of human health and safety and the natural environment.</li> </ul>	<p>√ PPS Policies 1.6.6.1 b) 2 &amp; 1.6.6.1 b) 4  Growth Plan Policy 3.2.6.2 c)</p>	<p>Moved and expanded from previous policy C.5.3.9.</p>

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
	d) demonstrates that the effluent discharges and water takings associated with the system will not negatively impact the quality and quantity of water; and, e) protection of human health and safety and the natural environment.			
C.5.3.11 (Existing)	C.5.3.11 <del>12</del> The City shall ensure that any change in density can be accommodated within the municipal water and wastewater system, and that investments into the system will support the achievement of the intensification and density targets provided in Section E.2.0 – Urban Structure.	C.5.3.12 The City shall ensure that any change in density can be accommodated within the municipal water and wastewater system, and that investments into the system will support the achievement of the intensification and density targets provided in Section E.2.0 – Urban Structure.	√ Growth Plan Policy 3.2.1.1	
C.5.4.1 (New)	Insert new Policy C.5.4.1 and renumber subsequent policies.  <b>C.5.4.1 The City shall maintain and update a Stormwater Master Plan, which is informed by the policies of Section C.2.8 – Watershed Planning, and provides direction for:</b> <b>a) protecting the <i>quality and quantity of water</i> by assessing existing stormwater facilities and systems;</b> <b>b) characterizing existing environmental conditions;</b> <b>c) examining the cumulative environmental impacts of stormwater from existing and planned development, including an assessment</b>	C.5.4.1 The City shall maintain and update a Stormwater Master Plan, which is informed by the policies of Section C.2.8 – Watershed Planning, and provides direction for: a) protecting the <i>quality and quantity of water</i> by assessing existing stormwater facilities and systems; b) characterizing existing environmental conditions; c) examining the cumulative environmental impacts of stormwater from existing and planned development, including an assessment of how extreme weather events will exacerbate these impacts and the identification of appropriate adaptation strategies such as	√ Growth Plan Policy 3.2.7.1	Addressing green infrastructure and impacts of a changing climate.

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
	<p>of how extreme weather events will exacerbate these impacts and the identification of appropriate adaptation strategies such as the design of systems to respond to extreme events;  d) incorporate <i>low impact development</i> and <i>green infrastructure</i>, in accordance with Section C.5.6 – Green Infrastructure;  e) identify the need for stormwater retrofits, where appropriate;  f) identify the full life cycle costs of the stormwater <i>infrastructure</i>, including maintenance costs, and develop options to pay for these costs over the long-term; and,  g) include an implementation and maintenance plan.</p>	<p>the design of systems to respond to extreme events;  d) incorporate <i>low impact development</i> and <i>green infrastructure</i>, in accordance with Section C.5.6 – Green Infrastructure;  e) identify the need for stormwater retrofits, where appropriate;  f) identify the full life cycle costs of the stormwater <i>infrastructure</i>, including maintenance costs, and develop options to pay for these costs over the long-term; and,  g) include an implementation and maintenance plan.</p>		
C.5.4.9 (New)	<p>Insert new Policy C.5.4.9 and renumber subsequent policies.</p> <p><b>C.5.4.9</b> The City shall improve the quality and quantity of stormwater entering into Hamilton Harbour and Cootes Paradise from stormwater management systems by:  a) Aiming to eliminate entry of toxic and harmful contaminants into storm sewers;  b) Investigating and introducing where feasible, technologies to eliminate toxic</p>	<p>C.5.4.9 The City shall improve the quality and quantity of stormwater entering into Hamilton Harbour and Cootes Paradise from stormwater management systems by:  a) Aiming to eliminate entry of toxic and harmful contaminants into storm sewers;  b) Investigating and introducing where feasible, technologies to eliminate toxic and harmful contaminants and reduce pollution in discharge;  c) Minimizing erosion and changes in water balance through the use of <i>green</i></p>	<p>√  PPS Policies 1.6.6.7 b), c) &amp; e)</p>	

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
	and harmful contaminants and reduce pollution in discharge; c) Minimizing erosion and changes in water balance through the use of <i>green infrastructure</i> , as provided in Section B.6 – Green Infrastructure; d) Promoting stormwater management best practices, including stormwater attenuation and re-use, and low impact development techniques, as provided in Section B.3 – Urban Design Policies; and, e) Preparing an annual monitoring report on the characteristics of discharge.	<i>infrastructure</i> , as provided in Section B.6 – Green Infrastructure; d) Promoting stormwater management best practices, including stormwater attenuation and re-use, and low impact development techniques, as provided in Section B.3 – Urban Design Policies; and, e) Preparing an annual monitoring report on the characteristics of discharge.		
C.5.4.10 (New)	Insert new Policy C.5.4.10 and renumber subsequent policies.  <b>C.5.4.10 Before consideration is given to developing new <i>infrastructure</i>, the City should optimize the use of existing <i>infrastructure</i> and consider their adaptive re-use wherever feasible.</b>	C.5.4.10 Before consideration is given to developing new <i>infrastructure</i> , the City should optimize the use of existing <i>infrastructure</i> and consider their adaptive re-use wherever feasible.	√ PPS Policy 1.6.3	
C.5.5.6 (New)	Insert new policy C.5.5.6 and renumber subsequent policies accordingly.  <b>C.5.5.6 The City's waste management system shall facilitate, encourage and promote reduction, re-use, composting, and recycling objectives.</b>	C.5.5.6 The City's waste management system shall facilitate, encourage and promote reduction, re-use, composting, and recycling objectives.	√ PPS Policy 1.6.10.1	
C.5.5.9 (New)	Insert new Policy C.5.5.9	C.5.5.9 The City shall endeavour to recover the full lifecycle cost of providing	√ Growth Plan	



Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
	C.5.5.9 The City shall endeavour to recover the full lifecycle cost of providing sustainable waste <i>management facilities</i> , as required by applicable municipal By-laws and provincial legislation.	sustainable <i>waste management facilities</i> , as required by applicable municipal By-laws and provincial legislation.	Policy 2.2.1.3 b)	
C.5.7 (New Section)	<b>C.5.7 Infrastructure Corridors</b>	5.7 Infrastructure Corridors		
C.5.7.1 (New)	C.5.7.1 In the planning for the development, optimization or expansion of existing and <i>planned corridors</i> , the City will encourage the co-location of linear infrastructure such as rights-of-way for <i>major goods movement facilities and corridors</i> , <i>higher order transit</i> , active transportation, transmission of electric power, etc., where appropriate.	C.5.7.1 In the planning for the development, optimization or expansion of existing and <i>planned corridors</i> , the City will encourage the co-location of linear infrastructure such as rights-of-way for <i>major goods movement facilities and corridors</i> , <i>higher order transit</i> , active transportation, transmission of electric power, etc., where appropriate.	√ Growth Plan Policy 3.2.5.1 a)	
C.5.7.2 (New)	C.5.7.2 Where applicable, in the planning for the development, optimization or expansion of existing and <i>planned corridors</i> , the City shall demonstrate through an <i>Environmental Assessment</i> , that any impacts on <i>key natural heritage features</i> within <i>Core Areas</i> and <i>Linkages</i> , key hydrologic features and key hydrologic areas have been avoided or, if avoidance is not possible, minimized and to the extent feasible mitigated.	C.5.7.2 Where applicable, in the planning for the development, optimization or expansion of existing and <i>planned corridors</i> , the City shall demonstrate through an <i>Environmental Assessment</i> , that any impacts on <i>key natural heritage features</i> within <i>Core Areas</i> and <i>Linkages</i> , key hydrologic features and key hydrologic areas have been avoided or, if avoidance is not possible, minimized and to the extent feasible mitigated.	√ Growth Plan Policy 3.2.5.1 d)	

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
Volume 1, Chapter F – Implementation				
F.3.1.5.1	F.3.1.5.1 In cases where a storm water management plan is being prepared for lands within the urban boundary, <b>it shall be informed by a subwatershed plan or equivalent, where appropriate, and</b> the following matters shall be addressed to avoid, minimize and/or mitigate storm water volumes, contaminant loads and impacts to receiving water courses associated with regular and extreme weather events: a) maintenance of groundwater quality and flow and stream base flow; b) protecting water quality and aquatic species and their habitats <b>particularly during extreme weather events;</b> c) minimizing the disruption of pre-existing natural drainage patterns, wherever possible; <del>and,</del> d) prevention of increases in stream channel erosion and flood risk; <b>e) minimizing stormwater flows and reliance on stormwater management ponds, which includes appropriate low impact development and green infrastructure;</b> <b>f) establishing planning, design, and construction practices to minimize vegetation removal, grading and soil compaction, sediment erosion, and</b>	F.3.1.5.1 In cases where a storm water management plan is being prepared for lands within the urban boundary, it shall be informed by a subwatershed plan or equivalent, where appropriate, and the following matters shall be addressed to avoid, minimize and/or mitigate storm water volumes, contaminant loads and impacts to receiving water courses: a) maintenance of groundwater quality and flow and stream base flow; b) protecting water quality and aquatic species and their habitats particularly during extreme weather events; c) minimizing the disruption of pre-existing natural drainage patterns, particularly during extreme weather events, wherever possible; d) prevention of increases in stream channel erosion and flood risk; e) minimizing stormwater flows and reliance on stormwater management ponds, which includes appropriate <i>low impact development</i> and <i>green infrastructure</i> ; f) establishing planning, design, and construction practices to minimize vegetation removal, grading and soil compaction, sediment erosion, and impervious surfaces, and encourage a	✓ Growth Plan Policies 3.2.7.1 d) & 3.2.7.2.	

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
	impervious surfaces, and encourage a design approach which protects natural features and maximizes vegetation; and, g) alignment with the City’s Water, Wastewater and Stormwater Master Plan.	design approach which protects natural features and maximizes vegetation; and, g) alignment with the City’s Water, Wastewater and Stormwater Master Plan.		
F.3.1.8 (New)	Insert new Section F.3.2.11 – Water, Wastewater and Stormwater Master Plan and renumber subsequent policies.  <b>F.3.1.8 Water, Wastewater and Stormwater Master Plan</b>	F.3.1.8 Water, Wastewater and Stormwater Master Plan		
F.3.1.8.1	<b>F.3.1.8.1The City shall develop a Water, Wastewater and Stormwater Master Plan to determine the long and short-term water, wastewater and stormwater infrastructure needs to support growth to the year 2051.</b>	F.3.1.8.1 The City shall develop a Water, Wastewater and Stormwater Master Plan to determine the long and short-term water, wastewater and stormwater infrastructure needs to support growth to the year 2051.		Updated Master Plan is currently in process.
F.3.1.8.2	<b>F.3.1.8.2 The City’s Water, Wastewater and Stormwater Master Plan shall be maintained and updated as necessary through a comprehensive review process.</b>	F.3.1.8.2The City’s Water, Wastewater and Stormwater Master Plan shall be maintained and updated as necessary through a comprehensive review process.		Updated Master Plan is currently in process.
F.3.1.8.3	<b>F.3.1.8.3 Future amendments to this Official Plan shall be considered as required to adopt applicable policies resulting from an update to the Water, Wastewater and Stormwater Master Plan.</b>	F.3.1.8.3 Future amendments to this Official Plan shall be considered as required to adopt applicable policies resulting from an update to the Water, Wastewater and Stormwater Master Plan.		

Policy Number	Proposed Change	Proposed New Policy	Why Change is Required	
			Provincial Conformity	Comments
F.3.7 (New)	Insert new Section F.3.7 – State of the Infrastructure Report and Public Works and renumber subsequent policies accordingly.  <b>F.3.7 State of the Infrastructure Report and Public Works</b>	F.3.7 State of the Infrastructure Report and Public Works		
F.3.7.1 (New)	<b>F.3.7.1 The City will assess <i>infrastructure</i> risks and vulnerabilities, including those caused by the <i>impacts of a changing climate</i>, and identify actions and investments to address these challenges, which could be identified as part of municipal asset management planning.</b>	F.3.7.1 The City will assess <i>infrastructure</i> risks and vulnerabilities, including those caused by the <i>impacts of a changing climate</i> , and identify actions and investments to address these challenges, which could be identified as part of municipal asset management planning.	√ Growth Plan Policy 3.2.1.4	