





**Screening Results – Section 1: Long List of Alternatives from West of Stratford to Highway 7**

		CORRIDOR SCREENING				
Corridor Description	Corridor Description	Existing Corridor	North By-Pass Corridor	South By-Pass Corridor 1	South By-Pass Corridor 2	
	Corridor Length	10.4 km	7.3 km	7.3 km	8.9 km	
	Key Map					
Screening Criteria	Natural Environment Factors	<b>Terrestrial Ecosystems: Minimize direct loss of PSWs, ANSIs, ESAs and core woodlots</b>	<ul style="list-style-type: none"> <li>No corridor segments within PSWs, ANSIs, ESAs</li> <li>No corridor segments within core woodlots</li> </ul>	<ul style="list-style-type: none"> <li>No corridor segments within PSWs, ANSIs, ESAs</li> <li>No corridor segments within core woodlot</li> </ul>	<ul style="list-style-type: none"> <li>No corridor segments within PSWs, ANSIs, ESAs</li> <li>No corridor segments within core woodlot</li> </ul>	<ul style="list-style-type: none"> <li>No corridor segments within PSWs, ANSIs, ESAs</li> <li>No corridor segments within core woodlot</li> </ul>
		<b>Fisheries and Aquatic Ecosystems, Surface Water: Minimize number of stream crossings</b>	<ul style="list-style-type: none"> <li>5 stream crossings at existing crossing locations</li> </ul>	<ul style="list-style-type: none"> <li>5 stream crossings</li> </ul>	<ul style="list-style-type: none"> <li>3 stream crossings</li> </ul>	<ul style="list-style-type: none"> <li>3 stream crossings</li> </ul>
	Land Use and Socio-Economic Factors	<b>Land Use - Resources: Minimize loss of Canada Land Inventory Class 1,2,3 agricultural land</b>	<ul style="list-style-type: none"> <li>Least loss of agricultural lands; primarily utilizes existing corridor</li> </ul>	<ul style="list-style-type: none"> <li>Majority of corridor within agricultural lands</li> </ul>	<ul style="list-style-type: none"> <li>Relatively minor loss of agricultural lands; primarily utilizes existing local road corridors</li> </ul>	<ul style="list-style-type: none"> <li>Majority of corridor within agricultural lands</li> </ul>
		<b>Land Use Planning Policies, Goals, Objectives: Minimize loss of approved development lands</b>	<ul style="list-style-type: none"> <li>Majority of corridor within planned development areas but primarily utilizes existing corridor</li> </ul>	<ul style="list-style-type: none"> <li>Moderate portion of corridor within planned development area</li> </ul>	<ul style="list-style-type: none"> <li>No corridor segment within planned development area</li> </ul>	<ul style="list-style-type: none"> <li>Minor portion of corridor within planned development area</li> </ul>
		<b>Land Use - Community, Industry: Minimize removal of existing development</b>	<ul style="list-style-type: none"> <li>Majority of corridor within existing development areas; utilizes existing corridor but will require removal of some existing development adjacent to existing corridor</li> </ul>	<ul style="list-style-type: none"> <li>Moderate portion of corridor within existing development areas</li> </ul>	<ul style="list-style-type: none"> <li>Minor portion of corridor within existing development areas</li> </ul>	<ul style="list-style-type: none"> <li>Minor portion of corridor within existing development areas</li> </ul>
	Cultural Environmental Factors	<b>Built Heritage: Minimize loss of heritage buildings</b>	<ul style="list-style-type: none"> <li>Numerous heritage buildings potentially displaced</li> </ul>	<ul style="list-style-type: none"> <li>Several heritage buildings potentially displaced</li> </ul>	<ul style="list-style-type: none"> <li>Several heritage buildings potentially displaced</li> </ul>	<ul style="list-style-type: none"> <li>Several heritage buildings potentially displaced</li> </ul>
		<b>Cultural Heritage Landscapes: Minimize loss of amenities in heritage downtown areas</b>	<ul style="list-style-type: none"> <li>Significant loss of amenities in heritage downtown areas (e.g. on-street parking; sidewalks; etc.)</li> </ul>	<ul style="list-style-type: none"> <li>No loss of amenities in heritage downtown areas</li> </ul>	<ul style="list-style-type: none"> <li>No loss of amenities in heritage downtown areas</li> </ul>	<ul style="list-style-type: none"> <li>No loss of amenities in heritage downtown areas</li> </ul>
	Transportation Factors	<b>Network Connectivity: Minimize out of way travel</b>	<ul style="list-style-type: none"> <li>Direct corridor, with no out of way travel</li> </ul>	<ul style="list-style-type: none"> <li>Relatively direct corridor, with some out of way travel</li> </ul>	<ul style="list-style-type: none"> <li>Relatively direct corridor, with some out of way travel</li> </ul>	<ul style="list-style-type: none"> <li>Relatively direct corridor, with some out of way travel</li> </ul>
<b>Mobility and Accessibility: Proximity of corridor to population centres</b>		<ul style="list-style-type: none"> <li>Corridor situated close to population centres</li> </ul>	<ul style="list-style-type: none"> <li>Corridor situated relatively close to population centres</li> </ul>	<ul style="list-style-type: none"> <li>Corridor situated farther from population centres</li> </ul>	<ul style="list-style-type: none"> <li>Corridor situated relatively close to population centres</li> </ul>	
Screening Results	<b>Recommendation</b>	<b>DO NOT CARRY FORWARD</b>	<b>DO NOT CARRY FORWARD</b>	<b>CARRY FORWARD</b>	<b>CARRY FORWARD</b>	
	<b>Rationale</b>	<ul style="list-style-type: none"> <li>Higher number of stream crossings</li> <li>Higher potential effects on existing development (i.e. along existing corridor)</li> <li>Numerous heritage buildings potentially displaced</li> <li>Significant loss of amenities in heritage downtown areas</li> </ul>	<ul style="list-style-type: none"> <li>Higher number of stream crossings</li> <li>Moderate potential effects on existing and planned development areas</li> <li>Requires eastern section of north by-pass corridor and associated impacts (see next table)</li> </ul>	<ul style="list-style-type: none"> <li>Fewer stream crossings</li> <li>Fewer potential effects on existing and planned development areas</li> <li>No loss of amenities in heritage downtown areas</li> <li>Maximizes use of existing infrastructure</li> <li>Relatively direct corridor</li> </ul>	<ul style="list-style-type: none"> <li>Fewer stream crossings</li> <li>Fewer potential effects on existing and planned development areas</li> <li>No loss of amenities in heritage downtown areas</li> <li>Relatively direct corridor</li> </ul>	