




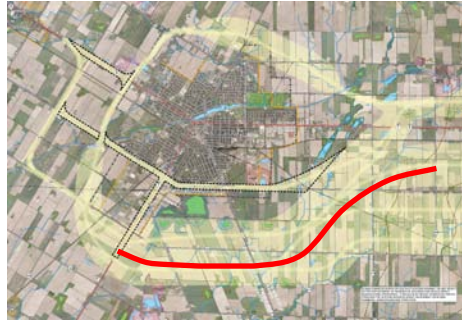
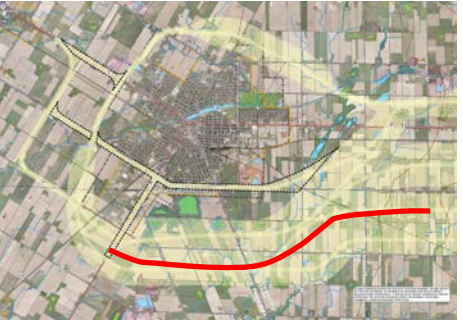





### Screening Results – Section 2: Long List of Alternatives from Highway 7 to East of Stratford

		CORRIDOR SCREENING				
Corridor Description	Corridor Description	Existing Corridor	North By-Pass Corridor 1	North By-Pass Corridor 2	South By-Pass Corridor 1	
	Corridor Length	7.2 km	6.2 km	6.7 km	10.1 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>Two corridor segments within PSWs, ANSIs (Little Lakes)</li> <li>No corridor segments within ESAs</li> <li>No corridor segments within core woodlots</li> </ul>	<ul style="list-style-type: none"> <li>Two corridor segments within PSWs, ANSIs (Little Lakes)</li> <li>No corridor segments within ESAs</li> <li>No corridor segments within core woodlots</li> </ul>	<ul style="list-style-type: none"> <li>Two corridor segments within PSWs, ANSIs (Little Lakes)</li> <li>No corridor segments within ESAs</li> <li>No corridor segments within core woodlots</li> </ul>	<ul style="list-style-type: none"> <li>One corridor segment within ESA (Stratford Wetland Complex)</li> <li>No corridor segments within PSWs, ANSIs</li> <li>No corridor segments within core woodlots</li> </ul>
		<b>Fisheries and Aquatic Ecosystems, Surface Water: Minimize number of stream crossings</b>	<ul style="list-style-type: none"> <li>3 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>5 stream crossings, 3 at existing crossing locations</li> </ul>	<ul style="list-style-type: none"> <li>4 stream crossings, 1 at existing crossing location</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; greater loss of Class 1 agricultural lands</li> </ul>	<ul style="list-style-type: none"> <li>Majority of corridor within agricultural lands; greater loss of Class 1 agricultural lands</li> </ul>	<ul style="list-style-type: none"> <li>Majority of corridor within agricultural lands; moderate loss of Class 1 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>No corridor segments within planned development areas</li> </ul>	<ul style="list-style-type: none"> <li>Moderate portion of corridor within planned development areas</li> </ul>	<ul style="list-style-type: none"> <li>No corridor segments within planned development areas; buffer between urban area and corridor</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>Minor portion of corridor within existing development areas</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>
	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>Minimal impact to heritage buildings</li> </ul>	<ul style="list-style-type: none"> <li>Minimal impact to heritage buildings</li> </ul>	<ul style="list-style-type: none"> <li>Minimal impact to heritage buildings</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 farther from 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 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>DO NOT CARRY FORWARD</b>	<b>CARRY FORWARD</b>	
	<b>Rationale</b>	<ul style="list-style-type: none"> <li>Two corridor segments within PSWs, ANSIs</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>Two corridor segments within PSWs, ANSIs</li> <li>Higher number of stream crossings</li> <li>Greater loss of Class 1 agricultural lands</li> <li>Situated farther from population centres</li> </ul>	<ul style="list-style-type: none"> <li>Two corridor segments within PSWs, ANSIs</li> <li>Higher number of stream crossings</li> <li>Greater loss of Class 1 agricultural lands</li> <li>Moderate potential effects on existing and planned development areas</li> <li>Situated farther from population centres</li> </ul>	<ul style="list-style-type: none"> <li>No corridor segments within PSWs, ANSIs; one corridor segment within ESA</li> <li>Fewer stream crossings</li> <li>Fewer potential effects on existing and planned development areas; buffer between urban area and corridor</li> <li>Minimal impact to heritage buildings</li> <li>No loss of amenities in heritage downtown areas</li> <li>Situated relatively close to population centres</li> </ul>	

**Screening Results – Section 2: Long List of Alternatives from Highway 7 to East of Stratford**

		CORRIDOR SCREENING				
Corridor Description		South By-Pass Corridor 2	South By-Pass Corridor 3	South By-Pass Corridor 4	South By-Pass Corridor 5	
Corridor Description	Corridor Description					
	Corridor Length	10.0 km	11.6 km	10.8 km	10.7 km	
	Key Map					
Screening Criteria	Natural Environment Factors	Terrestrial Ecosystems: Minimize direct loss of PSWs, ANSIs, ESAs and core woodlots	<ul style="list-style-type: none"> <li>One corridor segment within ESA (Stratford Wetland Complex)</li> <li>No corridor segments within PSWs, ANSIs</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 segment 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>
		Fisheries and Aquatic Ecosystems, Surface Water: Minimize number of stream crossings	<ul style="list-style-type: none"> <li>4 stream crossings</li> </ul>	<ul style="list-style-type: none"> <li>6 stream crossings</li> </ul>	<ul style="list-style-type: none"> <li>5 stream crossings</li> </ul>	<ul style="list-style-type: none"> <li>7 stream crossings</li> </ul>
	Land Use and Socio-Economic Factors	Land Use - Resources: Minimize loss of Canada Land Inventory Class 1,2,3 agricultural land	<ul style="list-style-type: none"> <li>Majority of corridor within agricultural lands; moderate loss of Class 1 agricultural lands</li> </ul>	<ul style="list-style-type: none"> <li>Majority of corridor within agricultural lands; greater loss of Class 1 agricultural lands</li> </ul>	<ul style="list-style-type: none"> <li>Majority of corridor within agricultural lands; greater loss of Class 1 agricultural lands</li> </ul>	<ul style="list-style-type: none"> <li>Majority of corridor within agricultural lands; greater loss of Class 1 agricultural lands</li> </ul>
		Land Use Planning Policies, Goals, Objectives: Minimize loss of approved development lands	<ul style="list-style-type: none"> <li>No corridor segments within planned development areas; buffer between urban area and corridor</li> </ul>	<ul style="list-style-type: none"> <li>No corridor segments within planned development areas</li> </ul>	<ul style="list-style-type: none"> <li>No corridor segments within planned development areas</li> </ul>	<ul style="list-style-type: none"> <li>No corridor segments within planned development areas</li> </ul>
		Land Use - Community, Industry: Minimize removal of existing development	<ul style="list-style-type: none"> <li>Minor portion of corridor within existing development areas</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>Moderate portion of corridor within existing development areas</li> </ul>	<ul style="list-style-type: none"> <li>Moderate portion of corridor within existing development areas</li> </ul>
	Cultural Environmental Factors	Built Heritage: Minimize loss of heritage buildings	<ul style="list-style-type: none"> <li>Minimal impact to heritage buildings</li> </ul>	<ul style="list-style-type: none"> <li>Minimal impact to heritage buildings</li> </ul>	<ul style="list-style-type: none"> <li>Minimal impact to heritage buildings</li> </ul>	<ul style="list-style-type: none"> <li>Minimal impact to heritage buildings</li> </ul>
		Cultural Heritage Landscapes: Minimize loss of amenities in heritage downtown areas	<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>	<ul style="list-style-type: none"> <li>No loss of amenities in heritage downtown areas</li> </ul>
	Transportation Factors	Network Connectivity: Minimize out of way travel	<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>	<ul style="list-style-type: none"> <li>Relatively direct corridor, with some out of way travel</li> </ul>
Mobility and Accessibility: Proximity of corridor to population centres		<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 farther from population centres</li> </ul>	<ul style="list-style-type: none"> <li>Corridor situated farther from population centres</li> </ul>	
Screening Results	Recommendation	<b>CARRY FORWARD</b>	<b>DO NOT CARRY FORWARD</b>	<b>DO NOT CARRY FORWARD</b>	<b>DO NOT CARRY FORWARD</b>	
	Rationale	<ul style="list-style-type: none"> <li>No corridor segments within PSWs, ANSIs; one corridor segment within ESA</li> <li>Fewer stream crossings</li> <li>Fewer potential effects on existing and planned development areas; buffer between urban area and corridor</li> <li>Minimal impact to heritage buildings</li> <li>No loss of amenities in heritage downtown areas</li> <li>Situated relatively close to population centres</li> </ul>	<ul style="list-style-type: none"> <li>Higher number of stream crossings</li> <li>Greater loss of Class 1 agricultural lands</li> <li>Moderate potential effects on existing development areas</li> <li>Situated farther from population centres</li> </ul>	<ul style="list-style-type: none"> <li>Higher number of stream crossings</li> <li>Greater loss of Class 1 agricultural lands</li> <li>Moderate potential effects on existing development areas</li> <li>Situated farther from population centres</li> </ul>	<ul style="list-style-type: none"> <li>Higher number of stream crossings</li> <li>Greater loss of Class 1 agricultural lands</li> <li>Moderate potential effects on existing development areas</li> <li>Situated farther from population centres</li> </ul>	

**Screening Results – Section 2: Long List of Alternatives from Highway 7 to East of Stratford**

		CORRIDOR SCREENING		
Corridor Description	Corridor Description	South By-Pass Corridor 6 ( <b>New Alternative</b> )	South By-Pass Corridor 7 ( <b>New Alternative</b> )	
	Corridor Length	9.0 km	9.0 km	
	Key Map			
Screening Criteria	Natural Environment Factors	Terrestrial Ecosystems: Minimize direct loss of PSWs, ANSIs, ESAs and core woodlots	<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 segment within core woodlots</li> </ul>
		Fisheries and Aquatic Ecosystems, Surface Water: Minimize number of stream crossings	<ul style="list-style-type: none"> <li>2 stream crossings</li> </ul>	<ul style="list-style-type: none"> <li>2 stream crossings</li> </ul>
	Land Use and Socio-Economic Factors	Land Use - Resources: Minimize loss of Canada Land Inventory Class 1,2,3 agricultural land	<ul style="list-style-type: none"> <li>Portion of corridor within agricultural lands; moderate loss of Class 1 agricultural lands</li> </ul>	<ul style="list-style-type: none"> <li>Portion of corridor within agricultural lands; moderate loss of Class 1 agricultural lands</li> </ul>
		Land Use Planning Policies, Goals, Objectives: Minimize loss of approved development lands	<ul style="list-style-type: none"> <li>Majority of corridor within planned development areas but primarily utilizes existing corridors</li> </ul>	<ul style="list-style-type: none"> <li>Majority of corridor within planned development areas but primarily utilizes existing corridors</li> </ul>
		Land Use - Community, Industry: Minimize removal of existing development	<ul style="list-style-type: none"> <li>Majority of corridor within existing development areas; primarily utilizes existing corridors but will require removal of some existing development adjacent to existing corridor</li> </ul>	<ul style="list-style-type: none"> <li>Majority of corridor within existing development areas; primarily utilizes existing corridors but will require removal of some existing development adjacent to existing corridor</li> </ul>
	Cultural Environmental Factors	Built Heritage: Minimize loss of heritage buildings	<ul style="list-style-type: none"> <li>Minimal impact to heritage buildings</li> </ul>	<ul style="list-style-type: none"> <li>Minimal impact to heritage buildings</li> </ul>
		Cultural Heritage Landscapes: Minimize loss of amenities in heritage downtown areas	<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	Network Connectivity: Minimize out of way travel	<ul style="list-style-type: none"> <li>Direct corridor, with limited out of way travel</li> </ul>	<ul style="list-style-type: none"> <li>Direct corridor, with limited out of way travel</li> </ul>
		Mobility and Accessibility: Proximity of corridor to population centres	<ul style="list-style-type: none"> <li>Corridor situated close to population centres</li> </ul>	<ul style="list-style-type: none"> <li>Corridor situated close to population centres</li> </ul>
	Screening Results	Recommendation	<b>CARRY FORWARD</b>	<b>CARRY FORWARD</b>
Rationale		<ul style="list-style-type: none"> <li>No corridor segments within PSWs, ANSIs, ESAs</li> <li>Fewer stream crossings</li> <li>Moderate loss of Class 1 agricultural lands</li> <li>Moderate potential effects on existing and planned development areas</li> <li>Minimal impact to heritage buildings</li> <li>No loss of amenities in heritage downtown areas</li> <li>Direct corridor</li> <li>Situated close to population centres</li> </ul>	<ul style="list-style-type: none"> <li>No corridor segments within PSWs, ANSIs, ESAs</li> <li>Fewer stream crossings</li> <li>Moderate loss of Class 1 agricultural lands</li> <li>Moderate potential effects on existing and planned development areas</li> <li>Minimal impact to heritage buildings</li> <li>No loss of amenities in heritage downtown areas</li> <li>Direct corridor</li> <li>Situated close to population centres</li> </ul>	