





**407 East EA**  
**West Mainline Section**  
**Screening of Long List of Route Alternatives**

<b>REVISED DRAFT</b>		<b>Short Segment Pre-Screening</b>	
<b>Route Descriptions</b>	Route Description (full)	<b>M1-M3-M7-M10-M12</b>	<b>M1-M2-M6-M12</b>
	Route Length (km)	14.0 km	14.1 km
	Key Map		
<b>Screening Criteria</b>	<b>Minimize route within Provincial Policy/Plan Areas (e.g., Oak Ridges Moraine Conservation Plan, Greenbelt Plan)</b>	<ul style="list-style-type: none"> <li>No route section within Oak Ridges Moraine</li> <li>Route section (8.8 km) within Greenbelt areas</li> </ul>	<ul style="list-style-type: none"> <li>No route section within Oak Ridges Moraine</li> <li>Route section (3.7 km) within Greenbelt areas</li> </ul>
	<b>Minimize direct loss of Areas of Natural Scientific Interest (ANSIs), Environmentally Sensitive Areas (ESAs), and Woodlands (WLs) and route section within identified terrestrial Species At Risk (SARs) areas</b>	<ul style="list-style-type: none"> <li>Route section (1.2 km) within Kinsale Raised Shoreline ANSI</li> <li>Route section (0.6 km) within <b>Westerly Creek Valleys</b> ESAs</li> <li>Route section (1.3 km) within WLs</li> <li>No route section within identified terrestrial SARs areas</li> </ul>	<ul style="list-style-type: none"> <li>Route section (0.4 km) within Duffins Creek ANSI</li> <li>Route section (1.0 km) within <b>Westerly Creek Valleys</b> ESAs</li> <li>Route section (1.6 km) within WLs</li> <li>No route section within identified terrestrial SARs areas</li> </ul>
	<b>Minimize direct loss of Provincially Significant Wetlands (PSWs)</b>	<ul style="list-style-type: none"> <li>No route section within PSWs</li> </ul>	<ul style="list-style-type: none"> <li>No route section within PSWs</li> </ul>
	<b>Minimize direct route section within Agricultural and Natural Resources</b>	<ul style="list-style-type: none"> <li>Comparable route section within agricultural lands</li> <li>Encroaches on pit or quarry</li> </ul>	<ul style="list-style-type: none"> <li>Comparable route section within agricultural lands</li> </ul>
	<b>Minimize Number of Stream Crossings (e.g., potential Habitat Alteration, Disruption or Destruction (HADDs)) and route section within identified aquatic Species At Risk (SARs) areas</b>	<ul style="list-style-type: none"> <li>19 crossings of tributaries to Lynde Creek and Carruthers Creek (Coldwater)</li> <li>6 route section within identified aquatic SARs areas <b>south of Winchester, east of Church Street; east of Greenwood Road; at Salem Road; at Coronation Road and north of Winchester Road, east of Ashburn Road</b></li> </ul>	<ul style="list-style-type: none"> <li>18 crossings of tributaries to Lynde Creek and Carruthers Creek (17 Coldwater; 1 Unassessed)</li> <li>6 route section within identified aquatic SARs areas <b>north of Winchester Road, east of Sideline 14; at Westney Road; Seventh Concession; north of Seventh Concession, west of Salem Road and north of Seventh Concession at Coronation Road</b></li> </ul>
	<b>Minimize route section within Existing and Planned Development</b>	<ul style="list-style-type: none"> <li>Route section within existing or planned development area west of Westney Road, east of Salem Road and at Ashburn Road and divides Greenwood hamlet</li> </ul>	<ul style="list-style-type: none"> <li>No route section within existing or planned development areas</li> </ul>
	<b>Maximize Network Efficiency</b>	<ul style="list-style-type: none"> <li>Closer to urban centres to the south</li> </ul>	<ul style="list-style-type: none"> <li>Farther from urban centres to the south</li> <li>Less potential to support/attract transit ridership</li> </ul>
<b>Screening Results</b>	Recommendation	<b>DO NOT CARRY FORWARD</b>	<b>DO NOT CARRY FORWARD</b>
	Rationale	<ul style="list-style-type: none"> <li>Route section within existing and planned development areas west of Westney Road, east of Salem Road and at Ashburn Road and divides Greenwood Hamlet</li> <li>Encroaches on pit or quarry</li> <li>Route section within Greenbelt areas</li> <li><b>Route section within Kinsale Raised Shoreline ANSI</b></li> <li><b>Route section within Westerly Creek Valleys ESAs</b></li> <li><b>Route section within WLs</b></li> <li><b>Route section within identified aquatic SARs areas south of Winchester, east of Church Street; east of G</b></li> </ul>	<ul style="list-style-type: none"> <li>Reduced network efficiency due to greater distance to built up areas</li> <li>Increased out of way travel and less support for transit</li> <li><b>Route section within Greenbelt areas</b></li> <li><b>Route section within Duffins Creek ANSI</b></li> <li><b>Route section within Westerly Creek Valleys ESAs</b></li> <li><b>Route section within WLs</b></li> <li><b>Route section within identified aquatic SARs areas north of Winchester Road, east of Sideline 14; at Westney Road; Seventh Concession; north of Seventh Concession, west of Salem Road and north of Seventh Concession at Coronation Road</b></li> </ul>
<b>Last Updated: Feb 20, 2007</b>			

**Footnote:**

- "W" designates the West Link section of the proposed Highway 407 from Highway 401 (W1, W2, W3, W4 or W5) to the proposed Highway 407 (W22, W23, W24, W25 or W26).
- "M" designates the Mainline section of the proposed Highway 407 from Brock Road (M1) to Highway 35/115 (M41, M42, M43 or M44).
- "E" designates the East Link section of the proposed Highway 407 from Highway 401 (E1, E2, E3, E4 or E5) to the proposed Highway 407 (E15, E16, E17, E18, E19, E20, E23, E24, E25, E26, E27 or E28).
- In generating the 'Long List of Route Alternatives', route segments were established between common start and end points (nodes) and combined to form routes for the screening process (e.g. West Mainline; Central Mainline; East Mainline; West Link and East Link).

**407 East EA**  
**West Mainline Section**  
**Screening of Long List of Route Alternatives**

<b>REVISED DRAFT</b>		<b>Short Segment Pre-Screening</b>	
<b>Route Descriptions</b>	Route Description (full)	<b>M1-M3-M4</b>	<b>M1-M2-M4</b>
	Route Length (km)	6.7 km	6.4 km
	Key Map		
<b>Screening Criteria</b>	<b>Minimize route within Provincial Policy/Plan Areas (e.g., Oak Ridges Moraine Conservation Plan, Greenbelt Plan)</b>	<ul style="list-style-type: none"> <li>No route section within Oak Ridges Moraine</li> <li>Route section (2.8 km) within Greenbelt areas</li> </ul>	<ul style="list-style-type: none"> <li>No route section within Oak Ridges Moraine</li> <li>Route section (1.5 km) within Greenbelt areas</li> </ul>
	<b>Minimize direct loss of Areas of Natural Scientific Interest (ANSIs), Environmentally Sensitive Areas (ESAs), and Woodlands (WLs) and route section within identified terrestrial Species At Risk (SARs) areas</b>	<ul style="list-style-type: none"> <li>No route section within ANSIs</li> <li>No route section within ESAs</li> <li>Route section (0.5 km) within WLs</li> <li>No route section within identified terrestrial SARs areas</li> </ul>	<ul style="list-style-type: none"> <li>Route section (0.4 km) within Duffins Creek ANSI</li> <li>No route section within ESAs</li> <li>Route section (0.6 km) within WLs</li> <li>No route section within identified terrestrial SARs areas</li> </ul>
	<b>Minimize direct loss of Provincially Significant Wetlands (PSWs)</b>	<ul style="list-style-type: none"> <li>No route section within PSWs</li> </ul>	<ul style="list-style-type: none"> <li>No route section within PSWs</li> </ul>
	<b>Minimize direct route section within Agricultural and Natural Resources</b>	<ul style="list-style-type: none"> <li>Comparable route section within agricultural lands</li> </ul>	<ul style="list-style-type: none"> <li>Comparable route section within agricultural lands</li> </ul>
	<b>Minimize Number of Stream Crossings (e.g., potential Habitat Alteration, Disruption or Destruction (HADDs)) and route section within identified aquatic Species At Risk (SARs) areas</b>	<ul style="list-style-type: none"> <li>8 crossings of tributaries to Lynde Creek and Carruthers Creek (Coldwater)</li> <li>3 route section within identified aquatic SARs areas south of Highway 7 east of Church Street; at Greenwood Road and at Highway 7 and Salem Road</li> </ul>	<ul style="list-style-type: none"> <li>10 crossings of tributaries to Lynde Creek and Carruthers Creek (Coldwater)</li> <li>5 route section within identified aquatic SARs areas north of Highway 7 at Church Street; at Paddock Road; at Westney Road and west of Salem Road</li> </ul>
	<b>Minimize route section within Existing and Planned Development</b>	<ul style="list-style-type: none"> <li>Route section within existing or planned development areas west of Westney Road and divides Greenwood Hamlet</li> </ul>	<ul style="list-style-type: none"> <li>No route section within existing or planned development areas</li> </ul>
	<b>Maximize Network Efficiency</b>	<ul style="list-style-type: none"> <li>Closer to urban centres to the south</li> </ul>	<ul style="list-style-type: none"> <li>Slightly farther from urban centres to the south</li> </ul>
<b>Screening Results</b>	Recommendation	<b>DO NOT CARRY FORWARD</b>	<b>CARRY FORWARD</b>
	Rationale	<ul style="list-style-type: none"> <li>Route section within existing development areas west of Westney Road and divides Greenwood Hamlet</li> <li>Route section within Greenbelt areas</li> <li>Route section within identified aquatic SARs areas south of Highway 7 east of Church Street; at Greenwood Road and at Highway 7 and Salem Road</li> <li>Route section within WLs</li> </ul>	<ul style="list-style-type: none"> <li>No route section within existing or planned development areas</li> <li>No route section within Oak Ridges Moraine</li> <li>No route section within ESAs</li> <li>No route section within identified terrestrial SARs areas</li> <li>No route section within PSWs</li> </ul>
<b>Last Updated: Feb 20, 2007</b>			

**Footnote:**

1. "W" designates the West Link section of the proposed Highway 407 from Highway 401 (W1, W2, W3, W4 or W5) to the proposed Highway 407 (W22, W23, W24, W25 or W26).

2. "M" designates the Mainline section of the proposed Highway 407 from Brock Road (M1) to Highway 35/115 (M41, M42, M43 or M44).

3. "E" designates the East Link section of the proposed Highway 407 from Highway 401 (E1, E2, E3, E4 or E5) to the proposed Highway 407 (E15, E16, E17, E18, E19, E20, E23, E24, E25, E26, E27 or E28).

4. In generating the 'Long List of Route Alternatives', route segments were established between common start and end points (nodes) and combined to form routes for the screening process (e.g. West Mainline; Central Mainline; East Mainline; West Link and East Link).