



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

DRAFT		Short Segment Pre-Screening	
Route Descriptions	Route Description (full)	M1-M3-M7-M10-M12	M1-M2-M6-M12
	Route Length (km)	14.0 km	14.1 km
	Key Map		
Screening Criteria	Minimize route within Provincial Policy/Plan Areas (e.g., Oak Ridges Moraine Conservation Plan, Greenbelt Plan)	<ul style="list-style-type: none"> No route sections within Oak Ridges Moraine Route section (8.8 km) within Greenbelt areas 	<ul style="list-style-type: none"> No route sections within Oak Ridges Moraine Route section (3.7 km) within Greenbelt areas
	Minimize direct loss of Areas of Natural Scientific Interest (ANSIs), Environmentally Sensitive Areas (ESAs), and Woodlands (WLs) and route sections within identified terrestrial Species At Risk (SARs) areas	<ul style="list-style-type: none"> Route sections (1.2 km) within ANSI (Kinsale Raised Shoreline) Route sections (0.6 km) within ESAs Route sections (1.3 km) within WLs 3 route sections within identified terrestrial SARs areas 	<ul style="list-style-type: none"> Route sections (0.4 km) within ANSI (Duffins Creek) Route sections (1.0 km) within ESAs Route sections (1.6 km) within WLs No route sections within identified terrestrial SARs areas
	Minimize direct loss of Provincially Significant Wetlands (PSWs)	<ul style="list-style-type: none"> No route sections within PSWs 	<ul style="list-style-type: none"> No route sections within PSWs
	Minimize direct route sections within Agricultural and Natural Resources	<ul style="list-style-type: none"> Comparable route sections within agricultural lands Encroaches on pit or quarry 	<ul style="list-style-type: none"> Comparable route sections within agricultural lands
	Minimize Number of Stream Crossings (e.g., potential Habitat Alteration, Disruption or Destruction (HADDs)) and route sections within identified aquatic Species At Risk (SARs) areas	<ul style="list-style-type: none"> 19 crossings of Lynde Creek and Carruthers Creek (Coldwater) 3 route sections within identified aquatic SARs areas 	<ul style="list-style-type: none"> 18 crossings of Lynde Creek and Carruthers Creek (17 Coldwater; 1 Unassessed) 6 route sections within identified aquatic SARs areas
	Minimize route sections within Existing and Planned Development	<ul style="list-style-type: none"> Route sections within existing or planned development area west of Westney Road, east of Salem Road and at Ashburn Road and divides Greenwood hamlet 	<ul style="list-style-type: none"> No route sections within existing or planned development areas
	Maximize Network Efficiency	<ul style="list-style-type: none"> Closer to urban centres to the south 	<ul style="list-style-type: none"> Farther from urban centres to the south Less potential to support/attract transit ridership
Screening Results	Recommendation	DO NOT CARRY FORWARD	DO NOT CARRY FORWARD
	Rationale	<ul style="list-style-type: none"> Route section within existing and planned development areas and divides Greenwood Hamlet Encroaches on pit or quarry Greater length of route within Greenbelt areas and ANSIs 	<ul style="list-style-type: none"> Reduced network efficiency due to greater distance to built up areas Increased out of way travel and less support for transit
Last Updated: Nov. 27, 2006			

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).

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

DRAFT		Short Segment Pre-Screening	
Route Descriptions	Route Description (full)	M1-M3-M4	M1-M2-M4
	Route Length (km)	6.7 km	6.4 km
	Key Map		
Screening Criteria	Minimize route within Provincial Policy/Plan Areas (e.g., Oak Ridges Moraine Conservation Plan, Greenbelt Plan)	<ul style="list-style-type: none"> No route sections within Oak Ridges Moraine Route sections (2.8 km) within Greenbelt areas 	<ul style="list-style-type: none"> No route sections within Oak Ridges Moraine Route sections (1.5 km) within Greenbelt areas
	Minimize direct loss of Areas of Natural Scientific Interest (ANSIs), Environmentally Sensitive Areas (ESAs), and Woodlands (WLs) and route sections within identified terrestrial Species At Risk (SARs) areas	<ul style="list-style-type: none"> No route sections within ANSIs No route sections within ESAs Route sections (0.5 km) within WLs 1 route section within identified terrestrial SARs areas 	<ul style="list-style-type: none"> Route sections (0.4 km) within ANSI (Duffins Creek) No route sections within ESAs Route sections (0.6 km) within WLs No route sections within identified terrestrial SARs areas
	Minimize direct loss of Provincially Significant Wetlands (PSWs)	<ul style="list-style-type: none"> No route sections within PSWs 	<ul style="list-style-type: none"> No route sections within PSWs
	Minimize direct route sections within Agricultural and Natural Resources	<ul style="list-style-type: none"> Comparable route sections within agricultural lands 	<ul style="list-style-type: none"> Comparable route sections within agricultural lands
	Minimize Number of Stream Crossings (e.g., potential Habitat Alteration, Disruption or Destruction (HADDs)) and route sections within identified aquatic Species At Risk (SARs) areas	<ul style="list-style-type: none"> 8 crossings of Lynde Creek and Carruthers Creek (Coldwater) 3 route sections within identified aquatic SARs areas 	<ul style="list-style-type: none"> 10 crossings of Lynde Creek and Carruthers Creek (Coldwater) 5 route sections within identified aquatic SARs areas
	Minimize route sections within Existing and Planned Development	<ul style="list-style-type: none"> Route sections within existing or planned development areas west of Westney Road and divides Greenwood Hamlet 	<ul style="list-style-type: none"> No route sections within existing or planned development areas
	Maximize Network Efficiency	<ul style="list-style-type: none"> Closer to urban centres to the south 	<ul style="list-style-type: none"> Slightly farther from urban centres to the south
Screening Results	Recommendation	DO NOT CARRY FORWARD	CARRY FORWARD
	Rationale	<ul style="list-style-type: none"> Route sections within existing development areas and divides Greenwood Hamlet Greater length of route within Greenbelt areas 	<ul style="list-style-type: none"> No route sections within existing or planned development areas
Last Updated: Nov. 27, 2006			

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