World Class Highways

Banff National Park
- Full access control
- Full grade separation
- 2+ lanes in each direction
- No cross-traffic
- No traffic signals

Ottawa & Gatineau
Motorways & Autoroutes: Benefits

“TIME IS MONEY”

- Lower costs in all sectors
- Faster travel time
- National integration
- Superior safety

Economic & Poverty Research

Banff National Park
EU-15: Longest Motorway Length
STOCKHOLM TO FARO, PORTUGAL

3,925 km
Japan: Longest Motorway Length
KAGOSHIMA-AOMORI
2,075 km
China: Longest Motorway Length
PAMIRS (XINJIANG) TO MANCHURIA (PLANNED)

5,800 km
京通快速 10km
JINGTONG EXPWY

京沈高速 GZ25 15km
JINGSHEN EXPWY

京津唐高速 GZ20 22km
JINGJINTANG EXPWY
US: Longest Motorway Length
HOULTON, MAINE TO BLAINE, WASHINGTON

5,725 km
Mexico: Longest Motorway Length
NOGALES TO VERACRUZ (PLANNED)
“Pre-motorway” Left Turn via Right Turn Lane
Toronto: MacDonald-Cartier Freeway

Highways in Canada

Canadian Motorway-Autoroute System

Frontier Centre for Public Policy
## World Urban Motorway Rankings
### High Income World Areas Over 3,000,000

<table>
<thead>
<tr>
<th>Urban Area</th>
<th>Urban Access: Freeway Miles per Urban Square Mile</th>
<th>Rank</th>
<th>Urban Capacity: Freeway Lane-Miles per Urban Square Mile</th>
<th>Rank</th>
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<tbody>
<tr>
<td>Hong Kong</td>
<td>1.213</td>
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<td>Barcelona</td>
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<td>Montreal</td>
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<td>Athens</td>
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<td>Toronto</td>
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<tr>
<td>Los Angeles</td>
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<td>10</td>
<td>2.571</td>
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## Canada & US Urban Motorway Rankings

### AREAS OVER 1,000,000

<table>
<thead>
<tr>
<th>Urban Area</th>
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<th>Rank</th>
<th>Urban Capacity: Freeway Lane-Miles per Urban Square Mile</th>
<th>Rank</th>
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</thead>
<tbody>
<tr>
<td>Montreal</td>
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<td>Toronto</td>
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<td>1.559</td>
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</tbody>
</table>
Canada: Longest Motorway Length
RIVIERE-DU-LOUP TO WINDSOR

1,325 km
US Interstate Advantage for Canadians
UN IPCC MAXIMUM RANGE PER METRIC TON
A Canadian Autobahn

No “City” Construction
Transcontinental Motorway
Halifax to Vancouver
Additional Routes (Pre-motorways)
Existing Motorways

A Canadian Autobahn
COMPONENTS
Connections: All 33 Metropolitan Areas

CANADIAN MOTORWAY & AUTOROUTE SYSTEM

Present

Transcontinental Motorway/Autoroute

Additional Motorways & Pre-motorways

Not Connected

Connected
Calgary
Highway Corridor
Keeping The Economy Moving
Kamloops to Alberta Border
4 Lane Upgrade

Golden, BC
Vancouver
Yellowhead Highway with I-29 Link
PRINCE RUPERT-PORTAGE LA PRAIRIE-US BORDER
Opportunity: Prince Rupert Superport

PORT OF PRINCE RUPERT
Welcome to Canada’s Leading Edge
Nova Scotia & Trans-Newfoundland
USES EXISTING FERRY CROSSING
Province House, Charlottetown (PEI)
Charlottetown to Sackville
CONFEDERATION BRIDGE
Hangzhou Bay Bridge: 36 KM
LONGEST OCEAN CROSSING IN THE WORLD

Mount-Blanc & Taiwan Examples
Kelowna Eastern Connector
MEETS TRANSCONTINENTAL AT SALMON ARM
Existing Motorways
Queen Elizabeth Way
OLDEST INTERCITY FREEWAY IN NORTH AMERICA?
The North: Development & Sovereignty

Nunavut
Cost Effectives of Motorways

EXAMPLE: NEW LANE: CALGARY-EDMONTON

- $0.6 Billion: Motorway
- $3.4 High Speed Rail
$28B - Transcontinental Motorway

$33.5B - Pre-motorways
Financing the Canadian Autobahn

ALTERNATIVES

- User fees
  - Gasoline taxes
  - Tolls
  - Public private partnerships
  - Arms length agencies
  - Federal and provincial funding

Mt-Tremblant (QC)