



FACT SHEET

HIGH SPEED RAIL IN ONTARIO



MINISTRY OF TRANSPORTATION OF ONTARIO (MTO) VISION STATEMENT: To transform mobility in Southwestern Ontario in order to connect communities, integrate centres of innovation, and foster regional and economic growth and development.

Three foundational principles (MTO):

- Transform mobility choice in Southwestern Ontario
- Catalyze economic development
- Support regional integration and development



PROJECT

High Speed Rail (HSR)

LOCATION

Toronto to Windsor in Two Phases

DEVELOPER

Government of Ontario

ESTIMATED BUDGET

\$21 Billion (Total Capital Costs)

STATUS

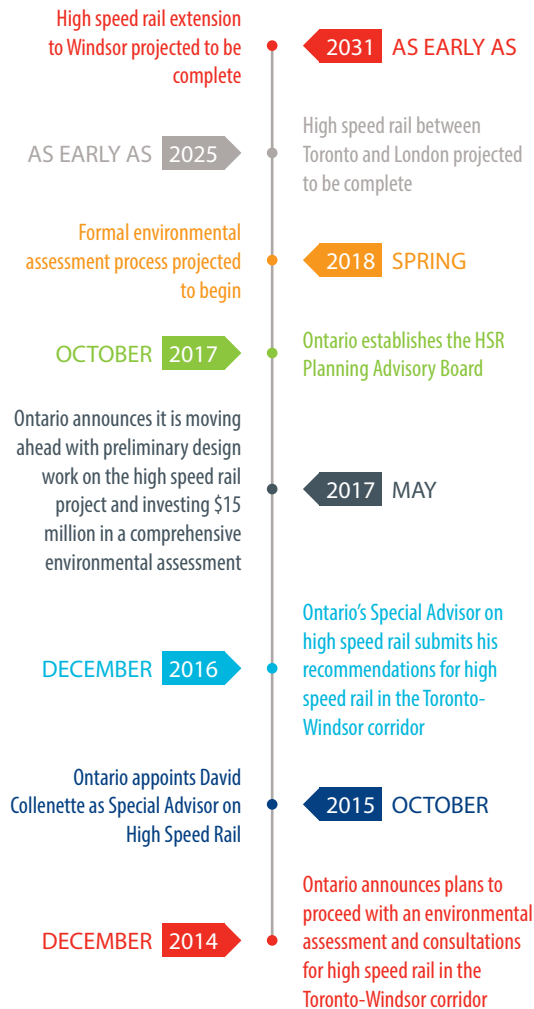
Preliminary design work transitioning to Environmental Assessment (EA)

EXPECTED COMPLETION

Phase I - Toronto to London as soon as 2025. Phase II - extension to Windsor 2031

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The Ministry of Transportation of Ontario (MTO) has begun preliminary design work on a proposed high speed rail (HSR) route. To date, the MTO has commissioned a Special Advisory Report and Preliminary Business Case which are now complete. The Provincial Government is investing \$15 million in a comprehensive environmental assessment (EA), projected to begin in the spring of 2018. Through the EA process, stations and track alignment will be finalized after consultation with Indigenous communities, land owners and municipalities. A Planning Advisory board led by Steven Del Duca (Minister of Transportation) has been established to carry out the plans.

As reported by the Ministry of Transportation, the Toronto-Windsor corridor is home to more than seven million people and generates 60% of Ontario's economic output. It is estimated that 10 million passengers per year could be using the line by 2041. The Ministry also reports that HSR has the potential to yield more than \$20 billion in economic benefits over 60 years from passenger travel time savings, automobile operating cost savings, greenhouse gas reduction, benefits from reduced road congestion and other, wider economic gains.

DATA SOURCE: [HTTPS://WWW.ONTARIO.CA/PAGE/HIGH-SPEED-RAIL](https://www.ontario.ca/page/high-speed-rail)

Stations	Distance from Toronto	High Speed Rail	Union Pearson Express	GO Rail	VIA Rail	Air	Auto	Greyhound Bus
		Travel Time (minutes)						
Toronto-Pearson	27.8 km	16	25	-	-	-	23	-
Toronto-Guelph	77.7 km	39	-	99	69	-	67	75
Toronto-Kitchener	95.8 km	48	-	123	95	-	74	125
Toronto-London	184.1 km	73	-	-	130	42	120	140
Toronto-Chatham	289.7 km	102	-	-	200	-	172	250
Toronto-Windsor	365.3 km	124	-	-	254	68	221	310

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PROPOSED FUTURE SOUTHWESTERN ONTARIO PASSENGER RAIL NETWORK

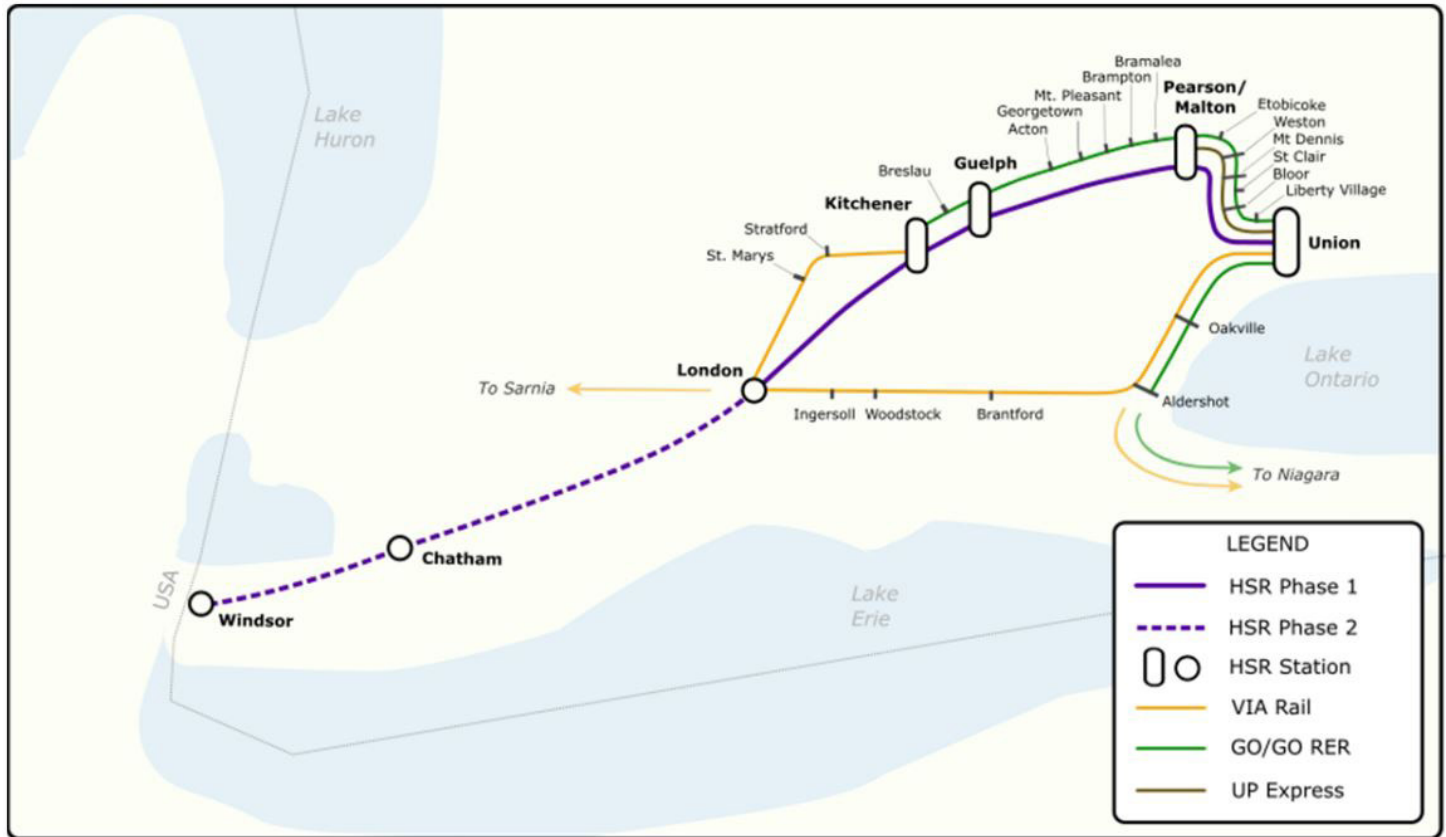


IMAGE COURTESY OF MTO

Central/downtown stations will be integrated with local transit authorities in Toronto, Pearson Airport, Guelph, Kitchener-Waterloo, London, Chatham and Windsor. The high speed trains could run as fast as 250 to 300 km/h and service could eventually connect to Detroit through an existing tunnel under the Detroit River.

High speed rail will be instrumental in the development of the Toronto-Waterloo Innovation Corridor – a proposed global technology supercluster (similar to Silicon Valley). Today the Greater Toronto Area, Hamilton, Guelph and Kitchener-Waterloo make up the beginnings of the cluster, containing 15,000-plus high-tech companies and 205,000-plus tech workers and contributing more than \$360 billion to the annual GDP. Currently the corridor lacks the

connective infrastructure required to facilitate the density and community required. Existing commuter rail and highways are insufficient for the movement of residents between the different cities. Increasing connectivity between the siloed urban centres will facilitate expertise spillovers and the growth of mentorship networks.

According to the Toronto Star, the private sector (mainly pension funds deploying investment capital into infrastructure) will likely be engaged in financing and constructing the Toronto-Windsor high speed line. Funding could also come through Infrastructure Canada’s new Canada Infrastructure Bank.



SOURCES

Preliminary Business Case for High Speed Rail on the Toronto to Windsor Corridor, Prepared for The Ontario Ministry of Transportation by Steer Davies Gleave (November 2016) <http://www.mto.gov.on.ca/english/publications/pdfs/preliminarybusiness-case-hsr.pdf>

High Speed Rail in Ontario Final Report, December 2016, Ontario Ministry of Transportation <http://www.mto.gov.on.ca/english/publications/high-speed-rail-in-ontario-final-report/pdfs/high-speed-rail-in-ontario-final-report.pdf>

Kathleen Wynne is all aboard \$21B high-speed-rail Toronto-Windsor project, The Toronto Star <https://www.thestar.com/news/queenspark/2017/05/19/wynne-is-all-aboard-21b-high-speed-rail-project.html>

Primer on technology superclusters and a fact base on Canada's Toronto-Waterloo Innovation Corridor, McKinsey & Company - December 14, 2016



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