



PONT INTERNATIONAL
GORDIE
HOWE
INTERNATIONAL BRIDGE

EASTERN BORDER TRANSPORTATION COALITION

Fredericton, New Brunswick
October 2, 2019

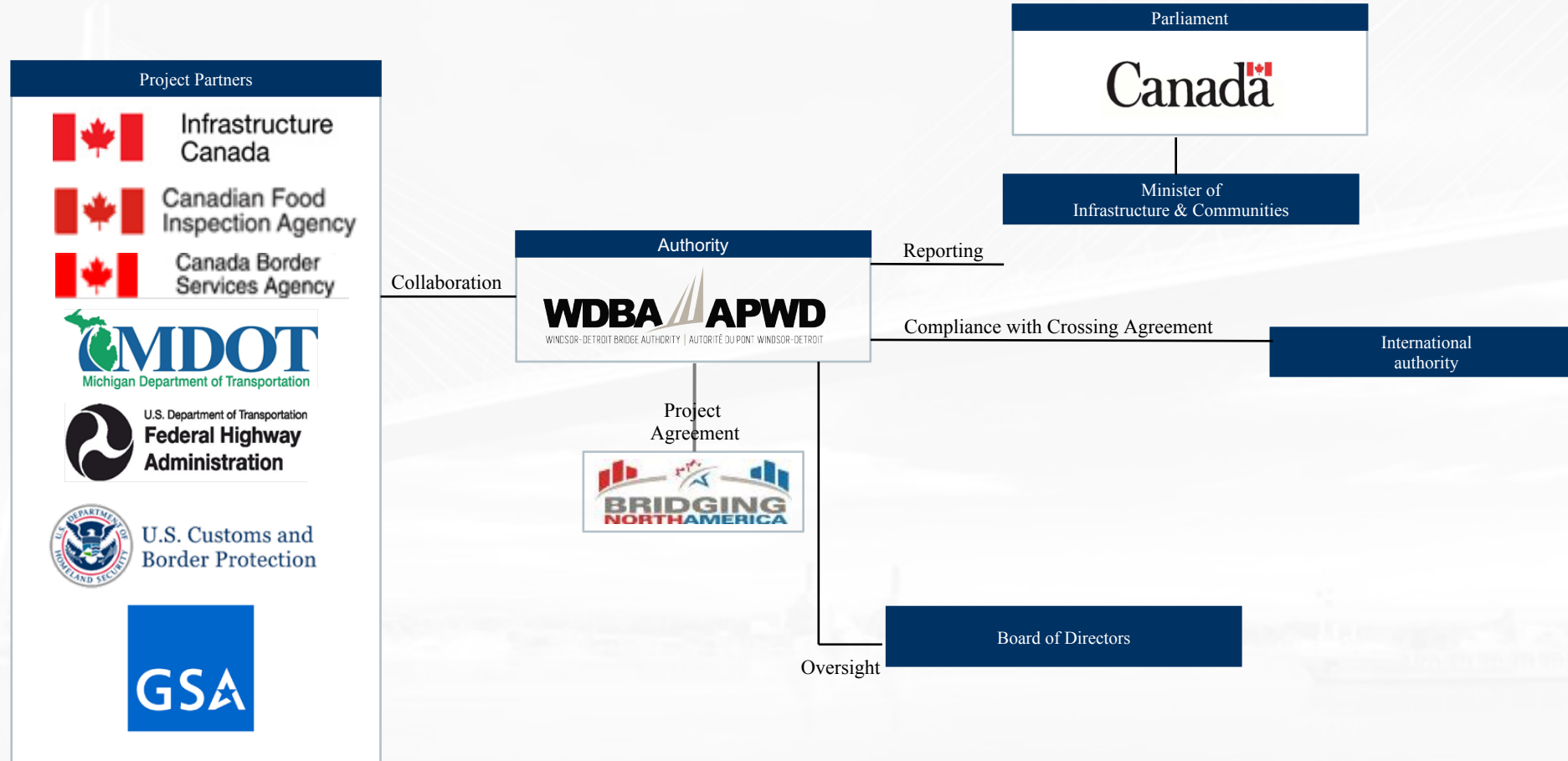


WINDSOR-DETROIT BRIDGE AUTHORITY

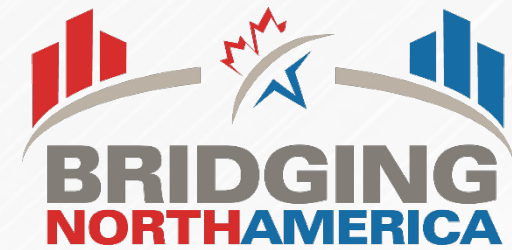
- Public-sector partner, project authority and signatory to contract
- Procured the private-sector partner to deliver the Gordie Howe International Bridge project
- Directs all project activities
- Manages the Project Agreement
- Provides stringent oversight of Bridging North America's activities through inspections, compliance reviews and audits.
- Hires advisors (ex. Owner's Engineer)
- Flows funds
- Works closely and collaboratively with other involved government departments and agencies in both Canada and the US
- Sets tolls and transfers tolls to the Government of Canada
- Communicates project information to the public



WDBA'S ORGANIZATIONAL STRUCTURE



BRIDGING NORTH AMERICA'S ROLE



Project Components	Design	Construction	Finance	Operations & Maintenance	Life Cycle, Maintenance Rehabilitation & Handover Requirements
Bridge	√	√	√	√	√
Canadian POE (including Tolling Infrastructure)	√	√	√	√	√
United States POE	√	√	√	√	√
Michigan Interchange	√	√	√	MDOT	MDOT

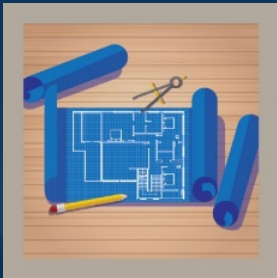
*CBSA and CBP will operate the Canadian POE and United States POE, respectively and carry out customs inspections and other border-related functions. MDOT will assume responsibility for the I-75 interchange upon completion of construction.



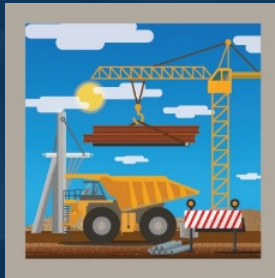
FIXED-PRICE CONTRACT

The fixed contract value for the Gordie Howe International Bridge project is \$5.7 billion (nominal)

Design



Build

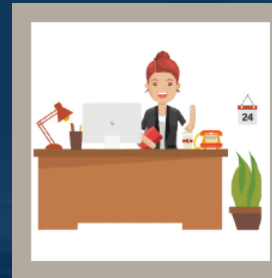


Finance

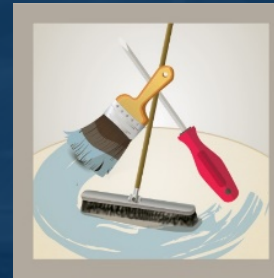


\$3.8 billion

Operate



Maintain



Finance



\$1.9 billion



CONTRACT VALUE DETAILS

Length of Contract: 36 years

Fixed-price cost: WDBA will repay Bridging North America the value of the contract over the contract term

Risk: Bridging North America assumes market risk (examples: interest, foreign exchange)

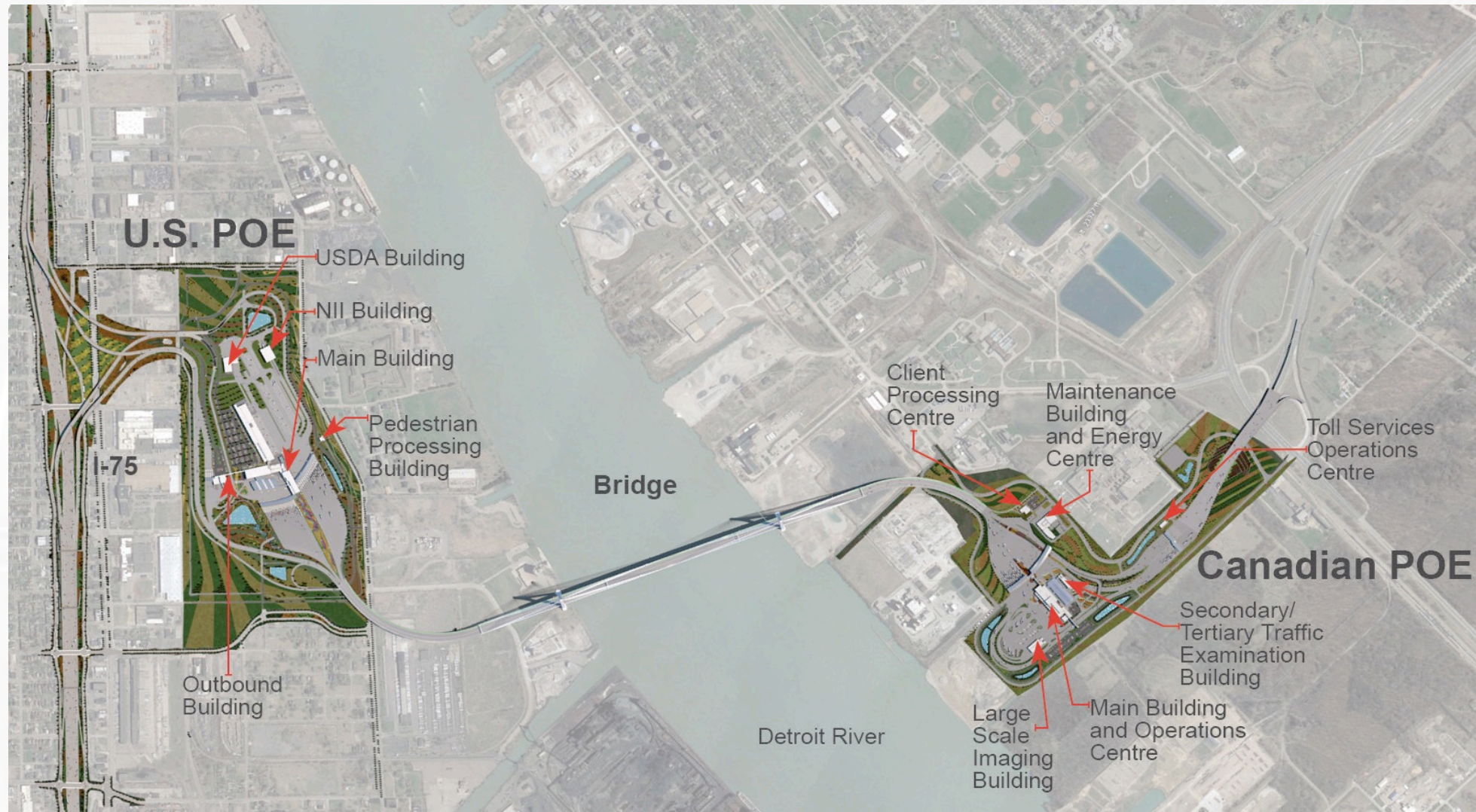
Source of funding: Government of Canada

CONSTRUCTION SCHEDULE

	2018	2019	2020	2021	2022	2023	2024
Project Start-up							
Design							
Construction							
Bridge							
Canadian POE							
US POE							
MI Interchange							
Turnover and Commissioning							

- Estimated construction duration 74 months
- 70% of construction hours will occur between 2021 – 2023
- It is anticipated that the Gordie Howe International Bridge open to traffic by the end of 2024

PROJECT COMPONENTS



BUILDING ELEGANCE THROUGH AESTHETICS: PROJECT GOALS

The following project goals define the desired outcome to be achieved through the project aesthetic design:

- An *impressive* and *inspiring* new gateway symbol for Canada and United States
- A *distinctive design* that reinforces the owner's brand and responds to its unique Windsor/Detroit context
- A bridge design that achieves a *high level of aesthetic quality*, at a distance and up close, by day and by night
- Port of Entry architecture and landscape design that showcases *functionality, design excellence, sustainability* and *barrier-free accessibility*.





THE BRIDGE |

6 lanes – 3 in each direction

2.5 kilometres | 1.5 miles

Clear span of 853 metres | 0.53 miles

Multi-use path for pedestrians and cyclists

3.6 metres | 11.8 feet wide

CANADIAN PORT OF ENTRY



Size: approx. 53 hectare/130 acres
Inbound border inspection Outbound
inspection facilities
16 toll collection facilities Maintenance
facility and parking.
24 primary inspection booths
Outbound inspection facilities
Extensive landscaping

US PORT OF ENTRY



Size: approx. 68 hectare/167 acres
US inbound border inspection
US outbound inspection facilities
Commercial exit control booths
Parking
Extensive landscaping



THE MICHIGAN INTERCHANGE

- 3 kilometres/1.8 miles of I-75 and interchange ramps
- 4 new crossing road bridges
- 5 new pedestrian bridges
- 4 long connecting ramp bridges
- Local road improvements

COMMUNITY BENEFITS: PLAN COMPONENTS



The Workforce Development and Participation Strategy is geared toward engaging businesses and focuses on supporting workforce, training and pre-apprenticeship/apprenticeship opportunities



The Neighbourhood Infrastructure Strategy focuses on collaborating with stakeholders and community members through consultation to develop a community investment strategy based on identified priorities.

CONSTRUCTION LOOKAHEAD: 2019-2020

Canadian Bridge Site

- Design continues
- Test shaft installation is complete
- Completed seawall temporary solution, long-term solution is under development
- Working on production shafts for the north footing

US Bridge Site

- Design continues
- Test shaft installation is complete
- Seawall modifications have begun and will continue through October 2019
- Prepare for installation of 12 tower foundation drilled shafts once seawall work is complete
- Prepare for installation of tower footing work to commence once tower foundation work is complete



CONSTRUCTION LOOKAHEAD: 2019-2020

Canadian POE

- Wick drain installation is underway with 24/6 operations which will continue through the rest of the year and into 2020
- Approximately 150,000 wick drains to be installed
- Surcharge activities are planned to start in late September/early October with over 1 million tons of fill to be placed
- Perimeter Access Road to be completed



Areas for future wick drain installation and surcharge placement

CONSTRUCTION LOOKAHEAD: 2019-2020

US Port of Entry Site

- Design continues
- Continue utility relocations
- Implementation road closures and fencing around US POE
- Start major earthworks
- Wick Drain installation and surcharge placement also to follow

I-75 Interchange

- Design continues
- Utility relocation is ongoing
- Geotechnical investigations are nearing completion
- Construction of staging and laydown areas
- Phase One construction of the Michigan Interchange, including demolition and reconstruction of road bridge crossings over I-75
- Renovation of Green Street pump station

LEARN MORE



gordiehoweinternationalbridge.com



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