

# Canadian Port of Entry at the Gordie Howe International Border Crossing



## LOCATION

Windsor, ON

## CLIENT

Windsor-Detroit Bridge Authority (WDBA)

## SIZE

53-Hectare Site

14,000 of Interior Building Space

## PROJECT TEAM

MTA:

Brian Rudy, Partner in Charge

George Meng, Project Manager

Janice Chan, Specification Coordinator

Jay Patel, Job Captain

Louis Lortie, QAQC

Gene Ascenzi, Documentation Review

Sean Robbins, BIM Manager

Boris Pavicevic, Architect

Kathy Lishak, Architect

Greg Perkins, Architect

Corey Brown, Architect

Deya Iskandarova, Architect

Jessica Prescott, Interior Designer

Jim Alcantra, Architectural Technologist

Emmanuel Awuh, Architectural Technologist

Yohan Jang, Designer

Moriyama & Teshima Architects is part of a large P3 consortium known as Bridging North America, winning the commission to design, build, finance and maintain the Gordie Howe International Bridge Project. The total project is comprised of Canadian and US Ports of Entry (POE), highway works to connect the USA port to the I75 in Michigan, and a new bridge over the Detroit River. The Bridge itself will be six-lanes wide and 2.5 kilometres long with a 853 metre cable-stayed main span. Once constructed, this will be the largest border crossing along the Canada-US border, and one of the largest in North America.

The architecture and landscape design of the Canadian Port of Entry will also showcase contemporary design-excellence with a high standard of visual and material quality. Combining aesthetics with functionality, the POE will include durable, sustainable and universally accessible user-focused staff workspaces as well as locker rooms, meeting rooms, a wellness centre, training facilities, and a lunchroom space with an exterior roof-top patio.

The project will seek to implement a design intent that prioritizes 'sense of place' and boosts civic pride through an admired landmark and new gateway symbol within the wider urban context of the border region. Site features include large, Primary and Secondary Inspection Canopies, designed to complement the gentle arch of the bridge over the Detroit River. The site also includes a large main building for passenger, bus and commercial vehicle processing; a pedestrian & bicycle Processing Centre; a Toll Services Building; and, a plaza maintenance and energy centre complex.

## AWARDS

CanBIM (Building Transformations)

Innovation Spotlight Award

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