

# I-75 Pedestrian Bridges

## Background

The Detroit River International Crossing (DRIC) study, completed in 2008, included thousands of hours of consultation on both sides of the border. Many of these meetings focused on the aesthetics and landscaping of the future crossing. These meetings led to the inclusion of design themes such as modern, friendly, historic and reflective of the native vegetation for the Windsor-Detroit gateway project, including the four components of the Gordie Howe International Bridge project. The following project goals define the desired outcome to be achieved through the project aesthetic design:

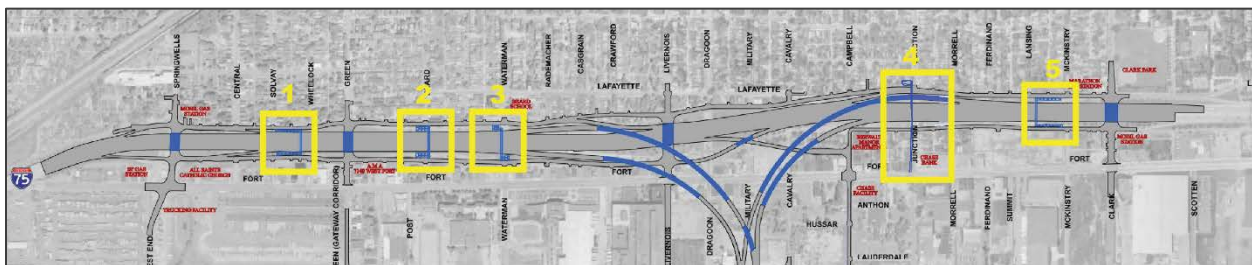
- An impressive and inspiring new gateway symbol for Canada and United States
- A distinctive design that reinforces the brand and responds to its unique Windsor/Detroit context
- A bridge design that achieves a high level of aesthetic quality, at a distance and up close, by day and by night
- Port of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

During the procurement process, the three Proponent teams including Bridging North America, were challenged to identify how their designs for the bridge, the Michigan Interchange, and the two Ports of Entry would reflect these themes.

As part of the Gordie Howe International Bridge project, five pedestrian bridges will cross Interstate-75 in Michigan to serve the community and enhance the aesthetic corridor experience for motorists as they travel through the Detroit region. Pedestrian bridges will be located over I-75 at:

1. Solvay St.
2. Beard St.
3. Waterman St.
4. Junction St.
5. Lansing St.

**Figure 1: Michigan Interchange Pedestrian Bridge Locations**



## Feedback Needed

As part of the project development, public consultation to review the pedestrian bridge design options is required. Bridging North America, Windsor-Detroit Bridge Authority's (WDBA) private-sector partner, is seeking community input on the three alternatives shown below.

In other words, what pedestrian bridge option would you like to see installed in your community? Please share your feedback by contacting the project team by Friday, March 29, 2019, via phone or email at 1-844-322-1773 or [info@wdbridge.com](mailto:info@wdbridge.com).

## Pedestrian Bridge Alternatives

The following items will be standard for all alternatives regardless of which option is selected to move forward:

- All alternatives are designed to be compliant with Americans with Disabilities (ADA) standards
- Bridge clearance over the roadway is 17 feet 3 inches
- LED lighting to be installed
- Constructed of pre-cast concrete girders and concrete decks, concrete walls/ramps, metal alloy railings
- Installation starting in late 2019 and continuing until early 2023.

### *Standard Roadway Views of the Pedestrian Bridges*



**Alternative 1**

Overhead LED lighting feature, steel arch with medium bronze finish and metal alloy railing. Total height: 13 feet 2 inches from the pedestrian bridge deck.

Daytime View from I-75 (Alternative 1)



Night View from I-75 (Alternative 1)



Daytime User View (Alternative 1)





## Alternative 2

Overhead LED lighting feature, cable-stay theme with medium bronze finish and metal alloy railing. Total height: 17 feet from the pedestrian bridge deck.

### Daytime View from I-75 (Alternative 2)



### Night View from I-75 (Alternative 2)



### Daytime User View (Alternative 2)



**Alternative 3**

Painted panels with copper finish and metal alloy railing. Total height: 9 feet 10 inches from the pedestrian bridge deck.

Daytime View from I-75 (Alternative 3)



Night View from I-75 (Alternative 3)



Daytime User View (Alternative 3)



## Next Steps

Consultation has been taking place since December 2018 with the community and relevant authorities to finalize the pedestrian bridge design. The consultation time period ends on March 29, 2019. The Project Team will assess the outcome of this consultation and select a final design accordingly. The final design will be shared with the community at future meetings.

For more information about the Gordie Howe International Bridge project visit [www.GordieHoweInternationalBridge.com](http://www.GordieHoweInternationalBridge.com) or call 1-844-322-1773. Follow us on Twitter at [www.twitter.com/GordieHoweBrg](https://www.twitter.com/GordieHoweBrg), like us on Facebook at [www.facebook.com/GordieHoweBridge](https://www.facebook.com/GordieHoweBridge) and connect with us on LinkedIn at [www.linkedin.com/company/wdba-apwd](https://www.linkedin.com/company/wdba-apwd).

