



PONT INTERNATIONAL
GORDIE
HOWE
INTERNATIONAL BRIDGE

ONLINE COMMUNITY MEETING

June 25, 2020



WHAT IS THE NEED?

Redundancy

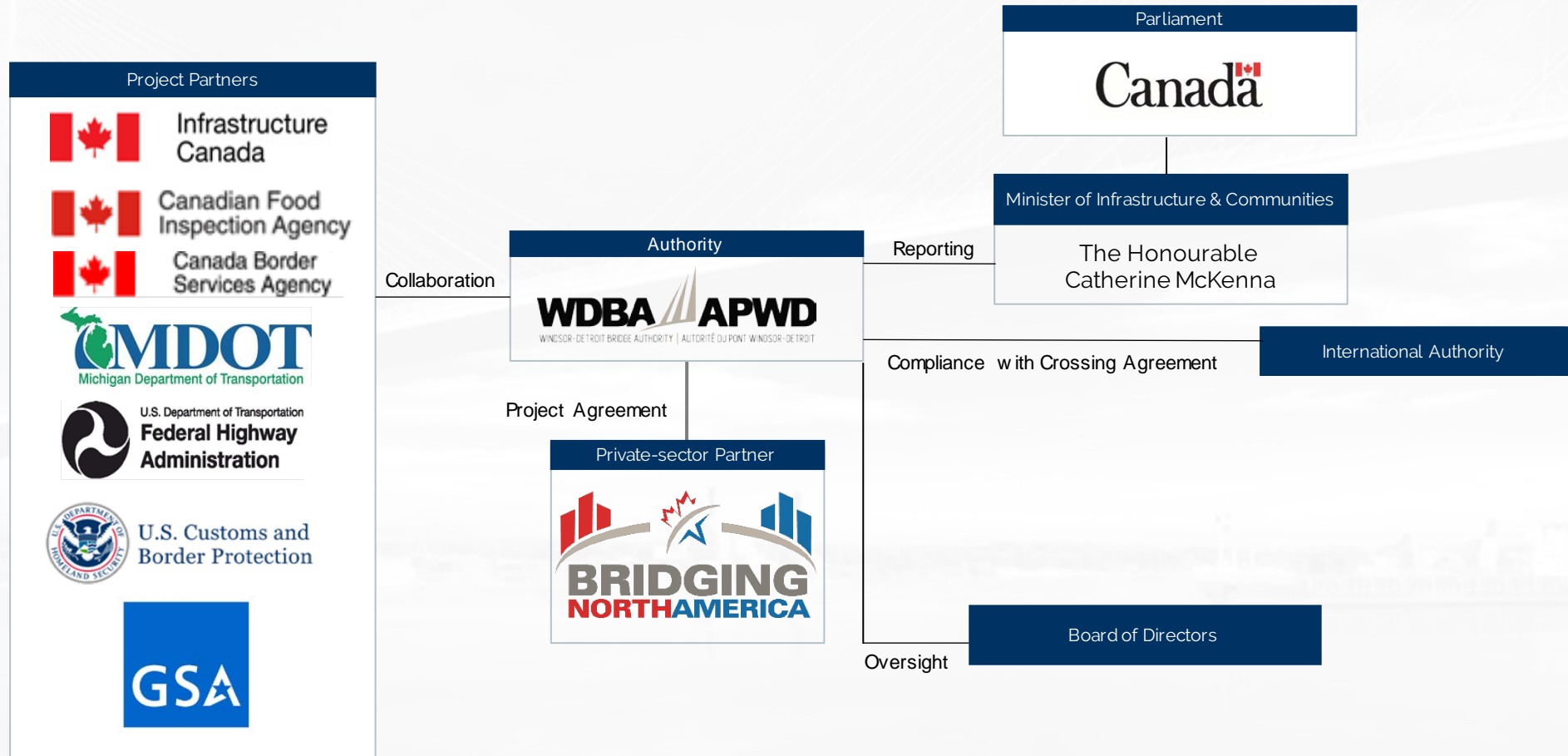
Capacity

Border processing capabilities

System connectivity



ORGANIZATIONAL STRUCTURE

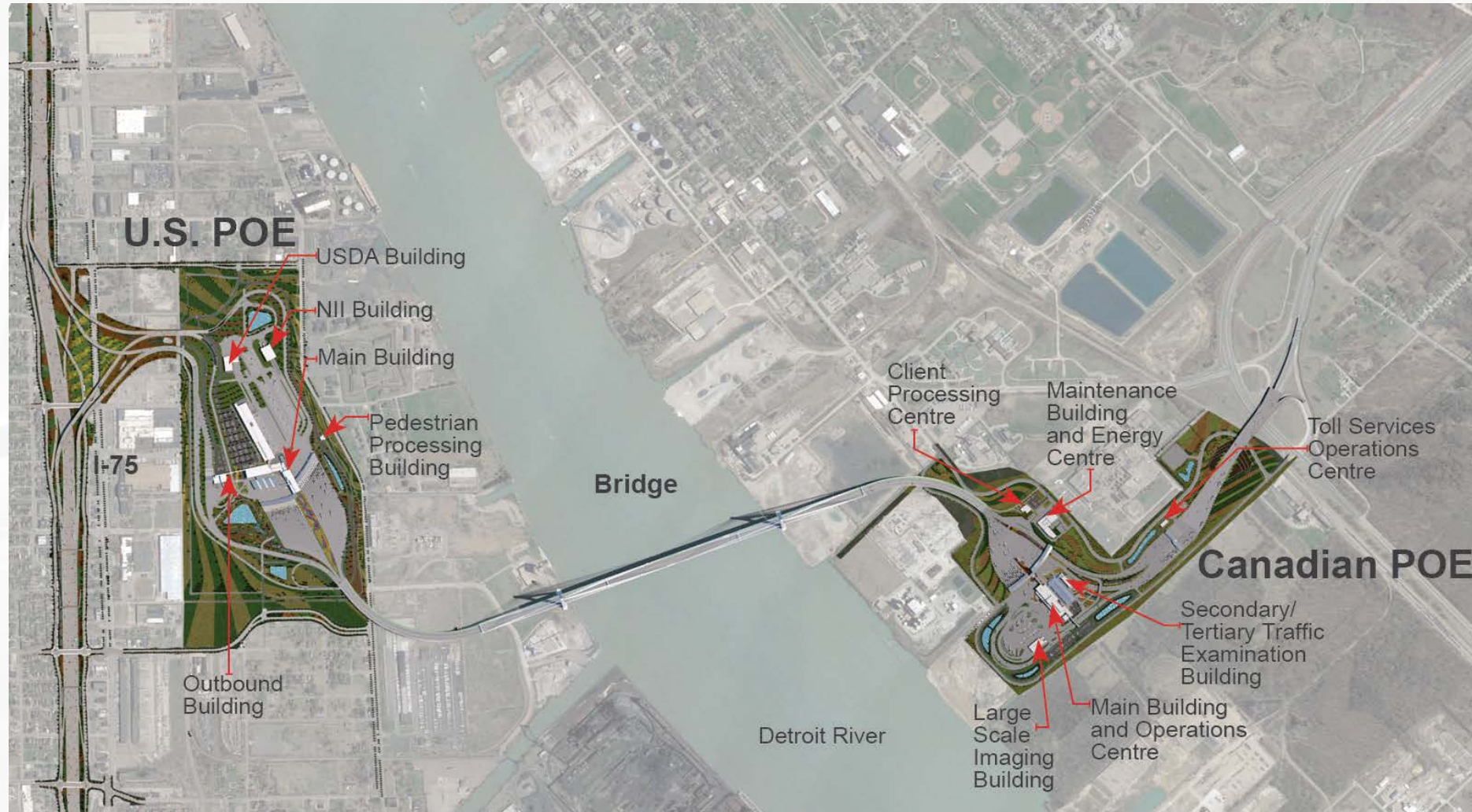


CONSTRUCTION SCHEDULE

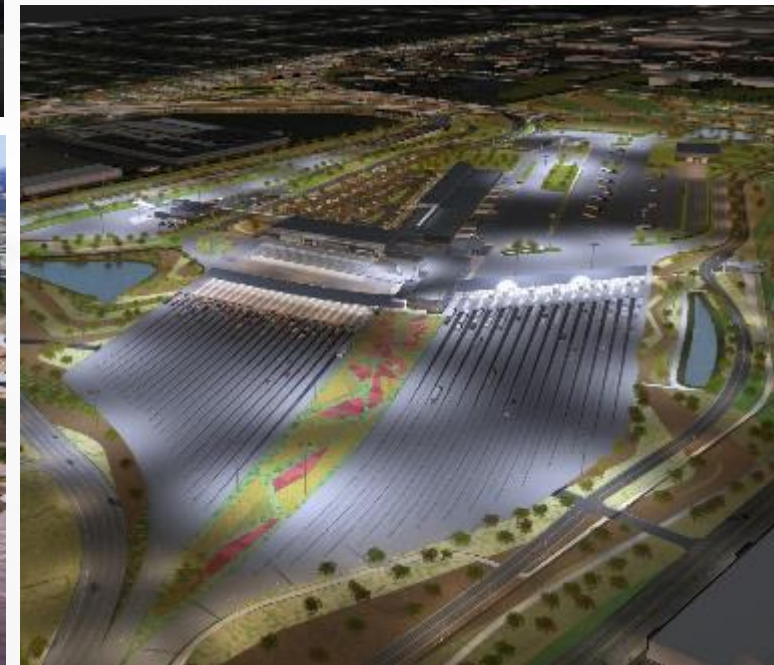
	2018	2019	2020	2021	2022	2023	2024
Project Start-up	■						
Design	■	■	■				
Construction	■	■	■	■	■	■	■
Turnover and Commissioning						■	■

- 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

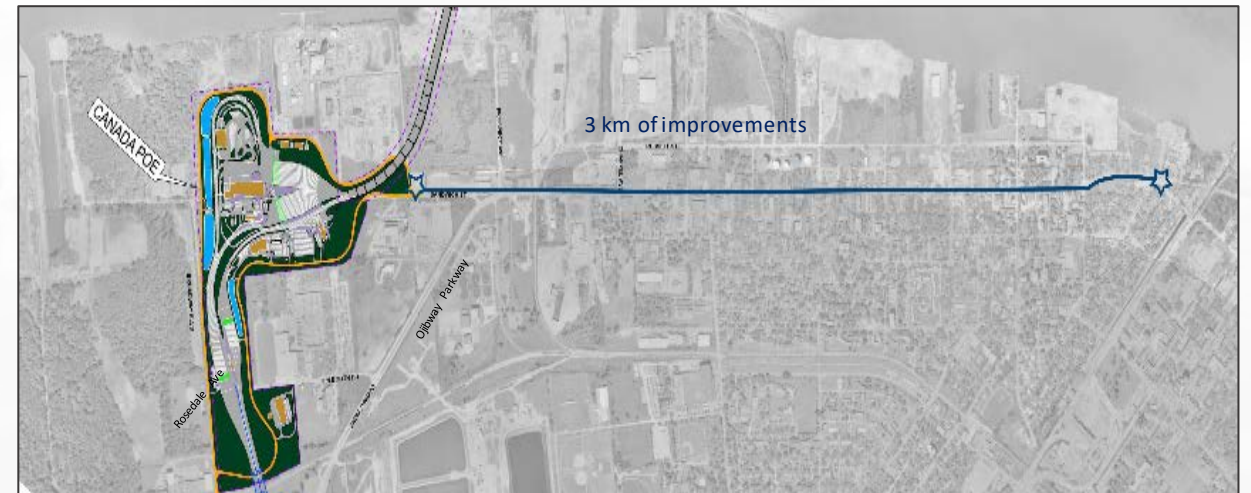


PROJECT COMPONENTS



SANDWICH STREET IMPROVEMENTS

- Approximately 3 km of Sandwich St. from the intersection of Sandwich St and Ojibway Pkwy to just south of the Rosedale Avenue roundabout will see infrastructure improvements.
- Specific consultation related to this work is anticipated to occur later this year.
- Improvements will align with Sandwich Town Heritage plans and guidelines.
- Sandwich will be fully re-paved in accordance with municipal standards.
- All sidewalks within the corridor will be replaced and will meet accessibility standards.
- Bump outs will be incorporated at some intersections to enhance pedestrian safety.
- This work will be coordinated with City of Windsor sewer work to be undertaken in this area.
- Sandwich Street enhancements as part of the Community Benefits Plan will also be coordinated.



DETROIT STREET IMPROVEMENTS

- Roadway resurfacing and improvements to Jefferson Avenue, Campbell Street, Green Street and Fort Street. This work is anticipated to occur in 2023.
- Five new pedestrian bridges will be constructed over I-75.
- Decorative fencing: to be installed around perimeter of US POE with irrigated landscaping
- Fort Street bike path: protected 6-foot bike path along both sides of Fort St. from Green to Junction Streets
- Deciduous shade trees planted every 25 feet along Jefferson, Fort between Green and Junction Streets and other area streets.
- Continuous, accessible sidewalks: fully accessible sidewalks installed along Service Drive to connect each pedestrian bridge



PROJECT SUSTAINABILITY

The goals and objectives of our sustainability framework include:

- Maintain safety and security
- Create a culture of leadership
- Design for durability and resiliency
- Provide economic opportunity
- Conserve non-renewable resources
- Protect the natural world

Examples include:

- Diverse workforce goals
- Bridge lighting and energy efficiency
- Material resource conservation
- Native plant landscaping
- Integration of a Peregrine falcon box



PUBLIC ART

Three components of Public Art will be incorporated into the Gordie Howe International Bridge project:

- dramatic and dynamic bridge lighting at night
- an artistic building facade at the Canadian Port of Entry
- a standalone Indigenous art commission to be completed by a Canadian Indigenous artist

A call for artists has been completed and each commission is beginning the artist selection process.

Additional details will be shared as the process continues, including an opportunity for public consultation.



COVID-19 PREVENTATIVE MEASURES

- Construction activities continue on both sides of the border in compliance with directives issued by the governments of Canada, Ontario and Michigan
- WDBA and BNA have implemented numerous precautions to support worker safety.
- WDBA staff are working from home and the three office locations are closed.
- Safety protocols and procedures at the construction site, include (but not limited to):
 - All workers are required to participate in daily screening
 - Masks available to workers that must work inside the recommended 2-metre/6-foot social distancing zone.
 - Cross-border travel has been suspended except for essential workers
 - Increased cleaning of office spaces along with hand sanitizer availability
 - Implementation of a rotational work from home program for BNA staff
 - No meetings with more than 5 people with the primary use of conference calls and virtual meeting tools.
 - Only essential visitors are allowed on the project site.
- All employees who may be working on site, including subcontractors, are taking all recommended precautions seriously to ensure their health and safety.

CONSTRUCTION UPDATE: CANADIAN POE

- All preparatory activities undertaken by WDBA to help BNA expedite work at the Canadian POE are complete.
- Design will be complete in 2020.
- The installation of 150,000 wick drains will be completed in July.
- Surcharge fill placement is underway with over 1.4 billion pounds placed.
- Ongoing construction and environmental monitoring.



CONSTRUCTION UPDATE: BRIDGE SITES

Canadian and US Bridge Sites

- Design is ongoing
- Wind tunnel testing to gauge stability of the bridge structure design and a review of the bridge soffits are complete
- Completed seawall modifications
- All 18 drilled shafts are complete in both Canada and the US
- Tower footing work is underway along with tower crane assembly on both sides of the border
- Structure construction is expected to be visible on the ground this year.
- Ongoing construction and environmental monitoring.



CDN Bridge Site



US Bridge Site

CONSTRUCTION UPDATE: US POE

- Design is ongoing
- Utility relocations are ongoing
- Implementation of road closures and fencing around the site perimeter
- Major earthworks including wick drain installation and surcharge placement are ongoing. Over 50,000 wick drains of 105,000 have been installed and over 550,000 tonnes of engineered fill has been placed.
- Ongoing construction and environmental monitoring.



CONSTRUCTION UPDATE: MI INTERCHANGE

- Design is nearing completion
- Mainline construction is ongoing
- Ongoing construction and environmental monitoring.
- Phase One construction of the Michigan Interchange, including demolition and reconstruction of three I-75 road bridges is underway:

Springwells Street Bridge

- Demolition is complete
- Piledriving is complete
- The Northbound bridge abutment is complete
- Formwork/rebar work to construct the southbound bridge abutment is ongoing
- Next steps include median pier construction, girder placement and deck construction.
- Ramp and Service Drive reconstruction to begin over the coming months.



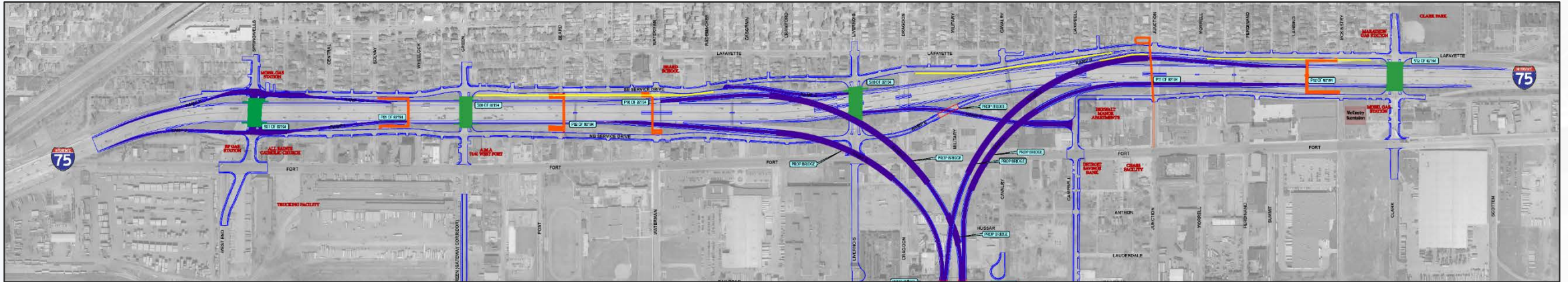
US Bridge Site

CONSTRUCTION UPDATE CONT'D: MI INTERCHANGE

- **Livernois Avenue Bridge**
 - Demolition is complete
 - Piledriving is complete
 - Formwork/rebar work to construct north and south bridge abutments is ongoing
 - Next steps include, median pier construction, girder placement and deck construction.
 - Ramp reconstruction to begin over the coming months.
- **Clark Street Bridge**
 - Demolition is complete
 - Piledriving on south abutment is ongoing.
 - Once piling is complete, next steps include, north and south abutment construction, median pier construction, girder placement and deck construction.



FUTURE I-75 CONFIGURATION



The future configuration of this area includes the following:

Road Bridges

Road bridges carrying vehicular traffic over I-75 will be reconstructed at:

- Springwells Street
- Green Street
- Livernois Avenue (two-way traffic)
- Clark Street

Access Ramps

North and southbound I-75 ramps will be accessible as follows:

Northbound Exit Ramps:

- Springwells Street
- I-75 exit to US POE (**new**)
- Campbell Street (**new**)
- US POE exit to I-75 (**new**)

Northbound Entrance Ramps:

- Springwells Street
- Livernois Avenue
- Clark Street

Southbound Exit Ramps:

- Clark Street
- I-75 exit to US POE (**new**)
- US POE exit to I-75 (**new**)
- Waterman Street (**new**)
- Springwells Street

Southbound Entrance Ramps:

- Springwells Street
- Junction Street

UPCOMING AND TEMPORARY US CLOSURES

Beginning in July, the third and final phase of US POE road closures will be implemented. These include:

Temporary Closures:

- Cavalry Street will close between the northbound I-75 Service Drive and Fort Street, from July 10, 2020, until October 30, 2021.
- Cavalry Street will close between Anthon Street (South of Fort) to West Jefferson Avenue, from July 10, 2020, until June 30, 2023.
- Military Street will close between the northbound I-75 Service Drive and Fort Street, from July 10, 2020, until October 30, 2021.

Long-Term Closures:

- The Livernois Avenue diversion will close between Livernois Avenue and Dragoon Street, on July 10, 2020.
- Military Street will close between Fort Street and West Jefferson Avenue, on July 10, 2020.

US Bridge Site

UPCOMING AND TEMPORARY US CLOSURES

Long-Term Closures, Continued:

- Dragoon Street will close over a long term between Fort Street and West Jefferson Avenue, on July 6, 2020.
- Driggs Street will close over a long term between Cavalry Street and Campbell Street on July 6, 2020.
- Harvey Street will close over a long term between Cavalry Street and Campbell Street on July 6, 2020.
- Reeder Street will close over a long term between Cavalry Street and Campbell Street on July 6, 2020.
- Hussar Street will close over a long term between Military Street and Cavalry Street on July 6, 2020.

US Bridge Site

UPCOMING CLOSURE AT CLARK STREET & THE SOUTHBOUND I-75 SERVICE DRIVE

- The southbound I-75 Clark Street on-and-off ramps will be closed for approximately five (5) weeks starting in summer 2020.
- Southbound I-75 Service Drive will be closed at West Grand Boulevard, with access to local traffic only, and completely closed between Scotten Avenue and McKinstry Street for approximately five (5) weeks starting Summer 2020.
- Southbound traffic from the Vernor Highway to Scotten Avenue will be closed with access to local traffic only, and no outlet, for approximately five (5) weeks starting Summer 2020.
- Southbound traffic from the Vernor Highway to Clark Street will be closed with access to local traffic only, and no outlet, for approximately five (5) weeks starting Summer 2020.
- Maps and detailed detour routes available at gordiehoweinternationalbridge.com.

UPCOMING CLOSURES: WEST END AND FORT STREET

- West End Street will be closed between Fort Street and Melville Street, from July 6 until October 2, 2020. Local traffic and business traffic will have access to West End Street between Norfolk Southern Railroad to Melville Street. Maps and detailed detour routes available at gordiehoweinternationalbridge.com.
- Traffic on Fort Street between Central Avenue and west of Springwells Street will be reduced to one lane each for westbound and eastbound traffic from July 6 until October 2, 2020. Business along Fort Street access will be maintained during this closure. Maps and detailed detour routes available at gordiehoweinternationalbridge.com.

US Bridge Site

UPCOMING CLOSURES: NORTHBOUND AND SOUTHBOUND I-75 TRAFFIC SHIFT

In summer 2020, the three lanes of I-75 Southbound and Northbound traffic will be shifted toward the shoulder to create space for bridge piers that will be constructed in the median areas.

This work will involve both day and night closures to move temporary concrete barrier at shoulder areas, install new concrete barrier at the median areas and remove and install new pavement markings.

The closures will be mobile closures and temporary lane and ramp closures. The work to complete the traffic shift is anticipated to take approximately 8 days.

US Bridge Site

CONSTRUCTION NOTIFICATIONS

Mailings

Notification to residents and businesses will begin in advance of construction through flyers and/or mailed letters to homes and businesses in the area.

Social Media

The project's social media accounts also broadcast construction updates and road closure information.

Public Notices

Public Notices will be placed in local media prior to the start of construction.

Directional Detour Signs

Detour signs will be posted to help travelers navigate their way through detour routes.

Public Information Meetings

Quarterly meetings are held for residents and businesses as needed in advance of construction, along with One-on-One Meetings and Neighbourhood Meetings

Advance Signage

Mobile signs will be placed at key locations **five days** in advance of construction start alerting travelers to upcoming road closures.

Website

Weekly construction updates and road closure information posted on www.GordieHoweInternationalBridge.com.

Detours for Pedestrians and Cyclists

Pedestrian access on sidewalks, trails and intersections will be maintained as much as possible. If a detour is required, signage will be posted.

BUSINESS ENGAGEMENT

US: In addition to established construction notification tactics, a long-term communications strategy is being developed with Southwest Detroit Business Association to assist the conveying project information throughout construction with the business community. Initiatives include:

- Establishing working groups to assist with the development of construction mitigation plans
- Targeted social media campaigns
- Leveraging key community partners
- Engaging marketing student
- Employee engagement
- Web page additions
- Assistance with the development of business resources

CANADA: A similar plan will be implemented when Sandwich Street work moves forward. Additional information on timing of this work will be available later this year.

US Bridge Site

COMMUNITY BENEFITS PLAN



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.

US Bridge Site

COMMUNITY BENEFITS IMPLEMENTATION PROGRESS



The Workforce Development and Participation Strategy

- BNA implemented a Canadian Indigenous Peoples' Relations Policy
- Participated in job fairs and information sessions in Canada and the US
- Hosted Vendor Summits in Windsor & Detroit
- Updated the project website to include procurement and employment opportunities
- Oriented over 2800 people with over 50% residing in local communities, exceeding the 20% local workforce goal (as of March 31, 2020)
- Engaged over 155 local businesses on the project (as of March 31, 2020)
- BNA hired a DBE consultant to support accomplishing 2.15% DBE Goal



The Neighbourhood Infrastructure Strategy

- Collaborated with delivery partners to determine scope and implementation plans for initiatives, including preparing and authorizing Memorandums of Agreement (MOAs) with selected delivery partners
- Launched and administered the 2020 Community Organization Investment initiative
- Released the first funding disbursements for four Neighbourhood Infrastructure Strategy initiatives:
 - Sandwich Community Art Project (Life After Fifty)
 - Investment in the Fort Street Bridge Project (Friends of the Detroit River)
 - Seed Funding for Wildlife Eco-Passage (City of Windsor)
 - Southwest Detroit Business Development Program (Southwest Detroit Business Association)

2020 COMMUNITY ORGANIZATION INVESTMENT

Canadian Projects

Sandwich First Baptist Church - \$20,000
Sandwich Underground Railroad Freedom Museum

Society of Saint Vincent de Paul - \$11,000
Helping Hands Friendship Centre

The Friends of the Court - \$8,000
Spreading Our Roots

Big Brothers Big Sisters - \$4,500
Big Neighbourhood Sandwich

Essex Region Conservation Authority - \$4,100
Binational Detroit River Cleanup

Les Amis Duff-Bâby - \$2,400
Grand Opening Event: Duff-Bâby Mansion

US Projects

West Vernor & Springwells Business Improvement District (BID) - \$20,000
The BID is Open for Business!

Ste. Anne de Detroit Catholic Church (Food Pantry) - \$15,000
Food Pantry Equipment Replacement and Expansion Program

Bridging Communities Inc. (BCI) - \$15,000
Southwest Expanded Senior Services

COMMUNITY BENEFITS IMPLEMENTATION IN 2020



The Workforce Development and Participation Strategy

- Engaging local schools, organizations, businesses and job seekers through presentations, information sessions, e-blasts and participation in events and meetings
- Providing opportunities for students on the project through co-operative learning and research opportunities
- Working with local unions to engage apprentices and pre-apprentices on the project
- Partnering on workforce mentorship and transitional work experiences for minority, un/underemployed persons
- Offering mentorship opportunities to Canadian Indigenous women and women in the host communities
- Outreach to First Nations communities and service providers to make employment and vendor opportunities on the project more accessible

All 2020 initiatives are being monitored and evaluated for possible effects on implementation due to COVID-19. The project team intends to deliver these initiatives safely while still delivering on our commitments to the community.

COMMUNITY BENEFITS IMPLEMENTATION IN 2020

The Neighbourhood Infrastructure Strategy

- Implementing and reporting on initiatives by delivery partners who have received funding
- Initiative funding to:
 - People's Community Services (PCS) for repairs to the Delray House and youth programming – spring 2020
 - ProsperUS Strategy (through United Way) for investments in programming in the Sandwich Community – fall 2020
- Issuing the Delray Home Improvement Program RFP, selecting a delivery partner, and first year of outreach and renovations
- Delivering 15-passenger vans to PCS, CHASS and Clark Park Coalition
- Hosting a tree planting event in Detroit
- Delivering outdoor fitness equipment for Clark Park to City of Detroit
- Preparatory and design work for observation platforms in Windsor and Detroit
- Hosting the 2020 Sandwich Business Development Summit and funding delivery partners to offer follow-up workshops and one-on-one business supports



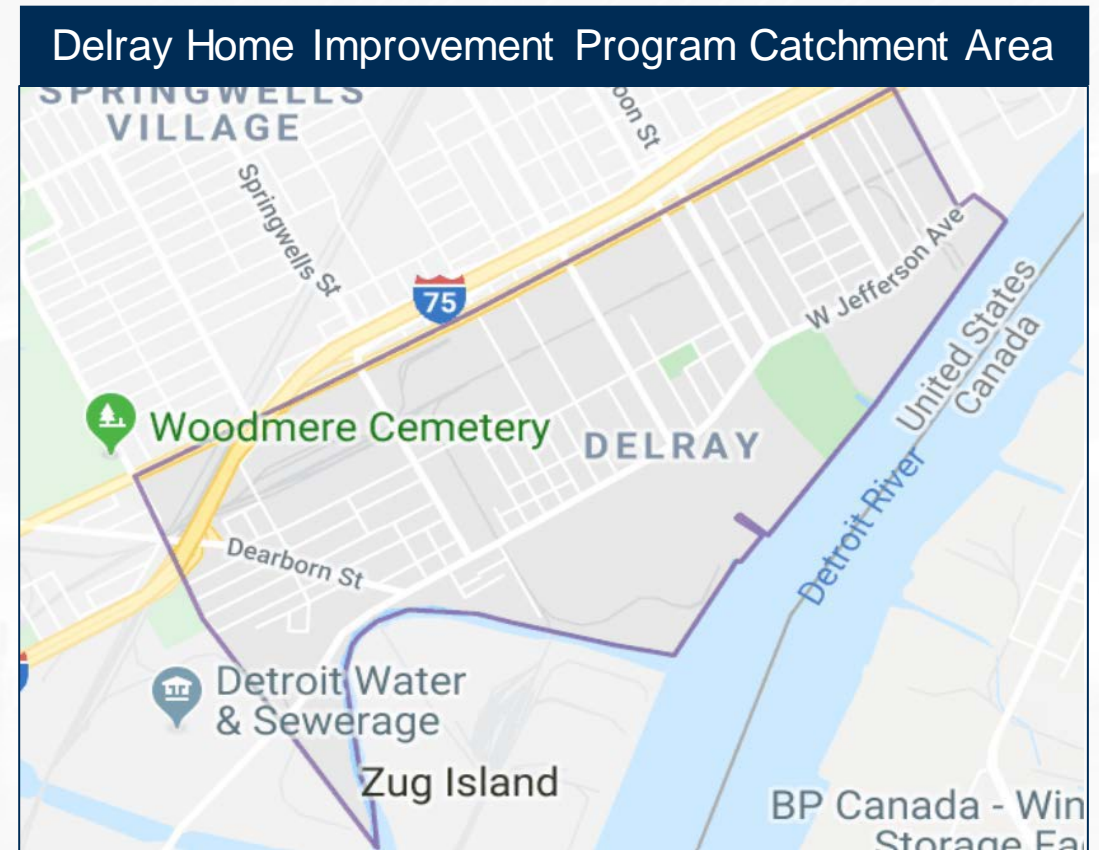
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DELRAY HOME IMPROVEMENT PROGRAM

- The Community Benefits Home Repair Program is anticipated to launch in summer 2020, and continue through to 2023, funding permitted.



- Initial target area includes properties located south of I-75 in Delray. Repairs that will be offered to eligible homes include:
 - Window replacement
 - HVAC system replacement
 - Insulation
 - Roof Repair



- Repairs will be undertaken in a staged approach. Visit GordieHoweInternationalBridge.com to stay informed about the Delray Home Improvement Program.

COMMUNITY BENEFITS REPORTING

Highlights from the winter 2020 Quarterly Report on Community Benefits:

NEIGHBOURHOOD INFRASTRUCTURE STRATEGY IMPLEMENTATION

In winter 2020, the project team released funding to four Community Benefits Plan initiatives, two in Canada and two in the US, totaling more than **\$475,000 (CDN)**.

CANADIAN INITIATIVES:

Ojibway Park Wildlife Eco-Passage

The City of Windsor received **\$250,000** in advance funding to undertake an Environmental Assessment for a proposed eco-passage between Black Oak Heritage Park and Ojibway Park that will provide safe passage for area wildlife. This is part of a larger investment of \$1.5 million in seed funding to be released to the City should all approvals, permits and funds be secured to progress the Eco-Passage project.

Sandwich Community Art Project

Life After Fifty will use **\$20,000** in funding to launch West End Art Project, a community art project that will engage local youth and the surrounding community in the development and coordination of a representative art project that celebrates the culture and heritage of Sandwich/west Windsor.

US INITIATIVES:

Bridge to Prosperity Program, Southwest Detroit Business Association

The first of three installments, **\$83,333** has been provided to Southwest Detroit Business Association to launch Bridge to Prosperity, a new business development program that will provide planning and development support to Southwest Detroit small businesses and start-ups. The Bridge to Prosperity program has begun accepting clients, offering drop-in office hours, one-on-one coaching and workshops. For more information visit: southwestdetroit.com/bridge-to-prosperity.

Fort Street Bridge Park Sculpture Installation

The Fort-Rouge Gateway (FRoG) Partnership received **\$125,000** for the creation of a sculpture within the new Fort Street Bridge Park. The park will connect residents with nature while highlighting the region's culture and history.

WORKFORCE DEVELOPMENT AND PARTICIPATION STRATEGY HIGHLIGHTS AND ACCOMPLISHMENTS

FOR THE PERIOD SEPTEMBER 2018 TO DECEMBER 2019

800+
Vendor Summit attendees

2280+
Individuals oriented to the project in Canada and the US

30+
pre-apprentices/ apprentices assigned to the project

Over 50%

are local*

20+
educational engagements

130+
local* businesses engaged on the project

Local is defined as being within the City of Detroit or within 100 kilometres of the City of Windsor

THE LOCAL COMMUNITY GROUP REPRESENTS PROJECT STAKEHOLDERS

The Local Community Group (LCG) provides valuable input and formal linkages to the region enabling WDBA and BNA to better understand project stakeholders' perspectives about the Community Benefits Plan. Members of the LCG contribute by providing input into:

- the implementation of initiatives within the Community Benefits Plan, and
- the assessment and review of community funding applications as part of the Community Organization Investment initiative.

Local Community Group Representatives

The following individuals are currently serving as **Local Community Group Representatives:**

<p>Tejal Travis, Sandwich Community Resident</p> <p>Randal Sasso, Windsor-Essex County Resident</p> <p>Clara Deck, Daily Cross Border Commuter - Canada</p> <p>Chief Miskokomon, Representative from Walpole Island First Nation</p> <p>Fabio Costante, City of Windsor - Ward 2 Councillor</p> <p>Mary Ann Cuderman, Sandwich Business Improvement Association</p> <p>Sabrina DeMarco, WindsorEssex Economic Development Corporation</p> <p>Mike Cardinal, Windsor-Essex Community Benefits Coalition</p>	<p>Candida Leon, Delray Community Resident</p> <p>Kimberly Simmons, Greater Detroit Area Resident</p> <p>Simona Simion, Daily Cross Border Commuter - USA</p> <p>Nikki Orosz, Representative from Caldwell First Nation</p> <p>Raquel Castaneda-Lopez, City of Detroit - District 6 Council Member</p> <p>Robert Dewaelsche, Southwest Detroit Business Association</p> <p>Virginia Wilkinson, Detroit Economic Growth Corporation</p> <p>Simone Sagovac, Delray Community Advisory Group</p>
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Reporting will continue on a quarterly basis; the next report is expected to be published in July 2020.

QUESTION AND COMPLAINT PROCESS


The project team is committed to ensuring that communication with the public is maintained during construction so that community concerns are addressed as quickly as possible. Adjacent residents and businesses will receive notifications of upcoming work, regular progress updates and project contact information

Questions and complaints can be addressed to WDBA through the following:

- Public inquiry line: 1-844-322-1773
- Info@wdbridge.com

LEARN MORE

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