



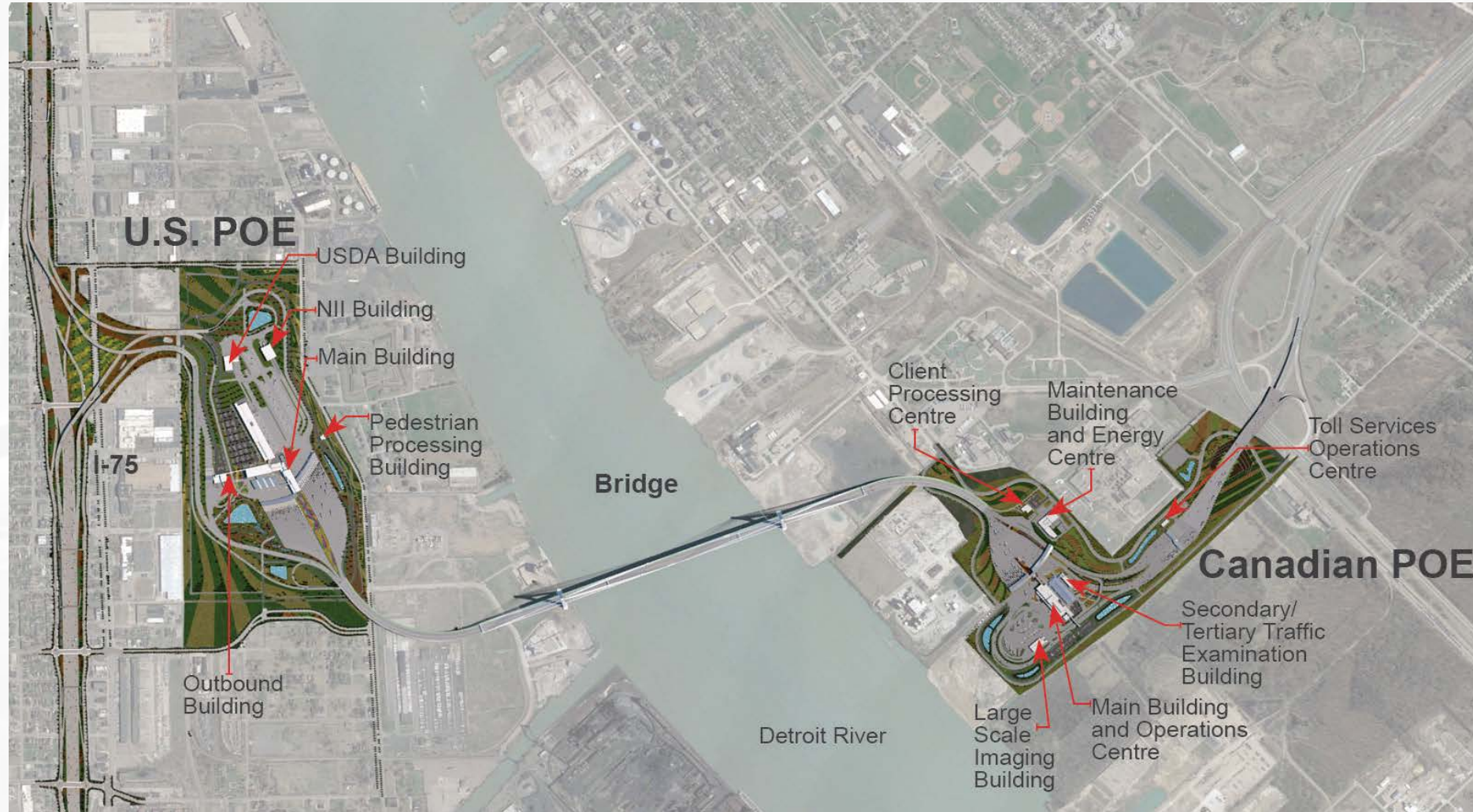
PONT INTERNATIONAL  
**GORDIE**  
**HOWE**  
INTERNATIONAL BRIDGE

# ONLINE COMMUNITY MEETING: CANADA

September 29, 2020



# PROJECT COMPONENTS



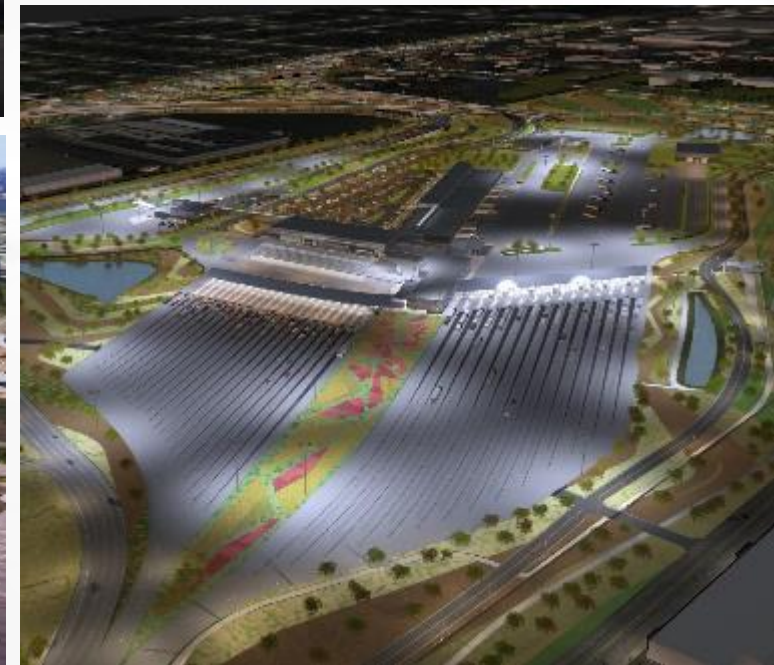
# CONSTRUCTION SCHEDULE

	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 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.

Additional details will be shared through an upcoming public consultation opportunity.



# CONSTRUCTION UPDATE: CANADIAN POE

- Installation of wick drains is complete with 133,000 installed.
- 1.4 billion pounds of surcharge fill has been placed in a phased approach to help consolidate the soils.
- Installation of temporary and permanent stormwater retention ponds is ongoing
- Building foundations are anticipated to begin following the ground stabilization period.
- Construction and environmental monitoring





# CONSTRUCTION UPDATE: CDN BRIDGE SITE

- All 18 drilled shafts are installed in Canada with construction on the north and south tower footings underway:
  - Each tower footing requires more than 1,910 cubic metres/67,450 cubic feet of concrete, 440 tonnes/970,000 pounds of rebar and 1,600 metres/5,250 feet of post tensioning cables
- Tower construction has commenced on both tower legs
- Installation of the external and internal climbing system
- Climbing of the Tower Crane to the next stage
- Construction and environmental monitoring





# CONSTRUCTION UPDATE: US BRIDGE SITE

- All 18 drilled shafts are complete, with tower footing construction underway:
  - Each tower footing requires more than 1,910 cubic metres/67,450 cubic feet of concrete, 440 tonnes/970,000 pounds of rebar and 1,600 metres/5,250 feet of post tensioning cables
- Construction of the back span and anchor piers
- Construction of the tower jumpform assembly
- Construction and environmental monitoring.





# CONSTRUCTION UPDATE: US POE

- Utility relocations
- Major earthworks including wick drain installation and surcharge placement are ongoing:
  - 80,000 wick drains installed
  - Over 1.2 billion pounds of engineered fill and surcharged material placed.
- Building foundations are anticipated to begin in 2021
- Construction and environmental monitoring.





# CONSTRUCTION UPDATE: MI INTERCHANGE

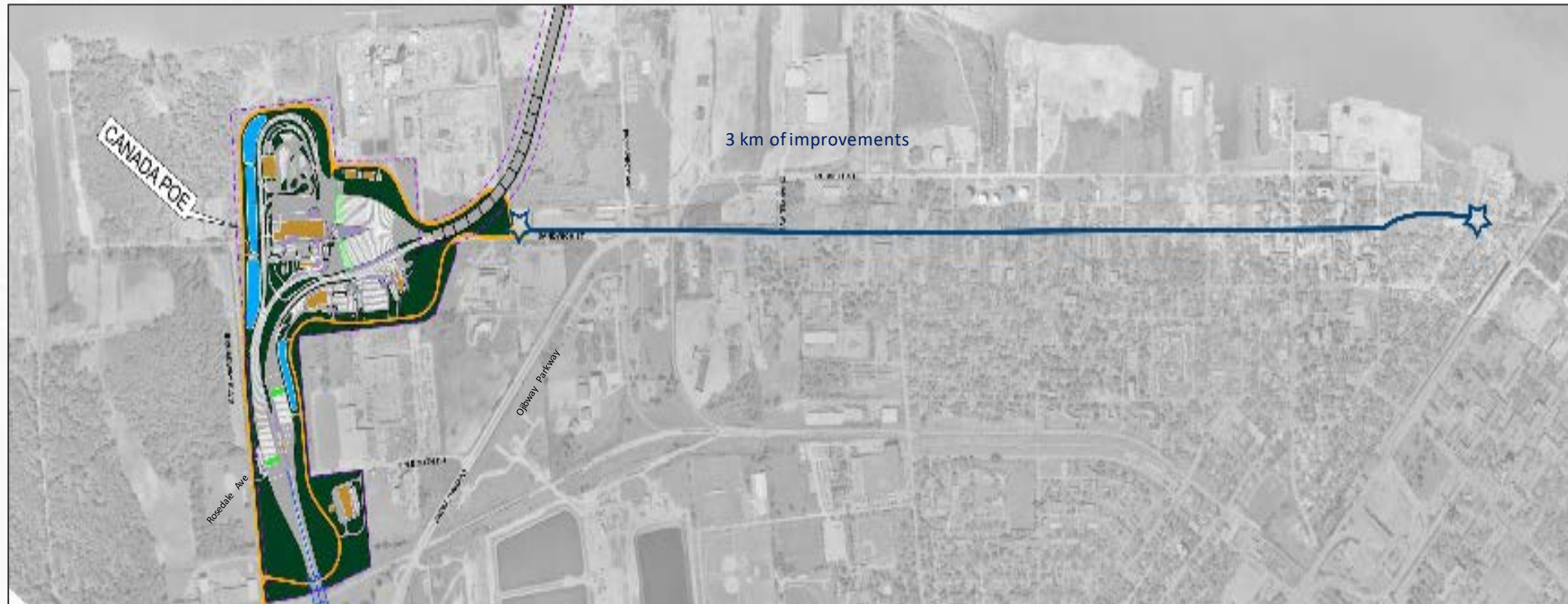
- Construction on mainline I-75
- Utility relocations
- Phase One construction of the Michigan Interchange, including reconstruction of three I-75 road bridges at:
  - Springwells Street
  - Livernois Avenue
  - Clark Street bridges.



*US Bridge Site*

# SANDWICH STREET RECONSTRUCTION PROJECT

- 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 as part of the Gordie Howe International Bridge project.
- This work will be coordinated with City of Windsor sewer and Enwin watermain work to be undertaken in this area.





# SANDWICH STREET RECONSTRUCTION PROJECT

- BNA detailed design work is underway and is anticipated to be complete in mid-2021.
- City design standards and heritage plans/guidelines will be followed.
- Construction timelines:
  - City of Windsor utility work: Fall 2020 through to summer 2021.
  - BNA roadway reconstruction work will follow City of Windsor work beginning in 2021.





# SANDWICH STREET RECONSTRUCTION PROJECT

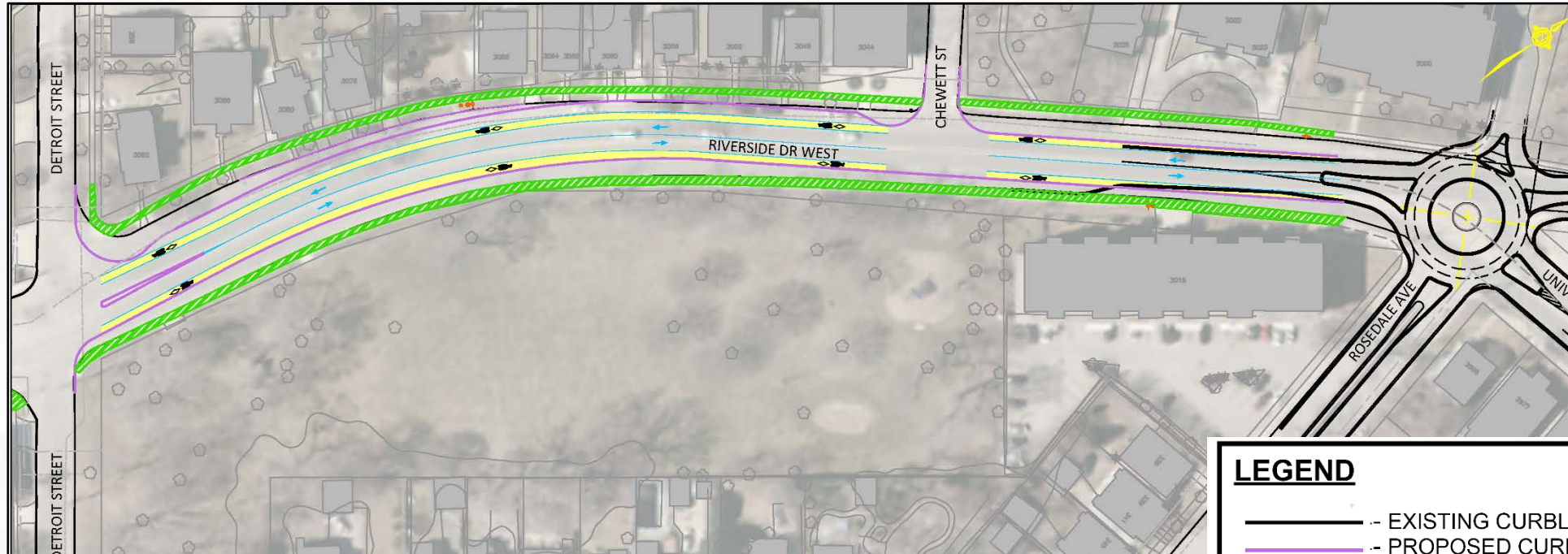
- To inform the design, survey work has been underway.
- Work will continue this fall to determine the best approach for construction.
- Archaeological assessment work is also underway given the history of First Nations and European settlements in this area.





# SANDWICH STREET RECONSTRUCTION PROJECT

## Detroit Street to Rosedale Avenue

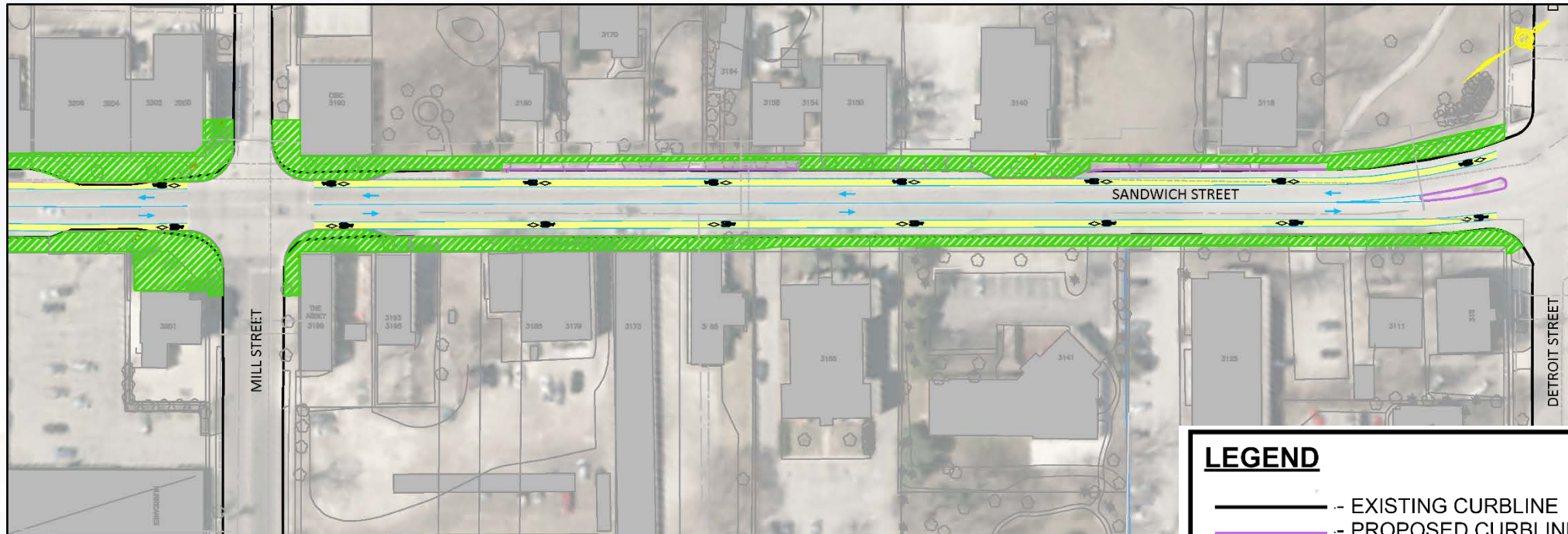


**LEGEND**

- EXISTING CURBLINE
- PROPOSED CURBLINE
- PROPOSED PAVEMENT MARKINGS
- PROPOSED BIKE LANE (1.5m)
- PROPOSED BIKE LANE WITH BUFFER (2.0m)
- PROPOSED SIDEWALK (1.5m)
- PROPOSED MULTI-USE TRAIL (3.0m)
- REMOVE AND REPLACE EXISTING SIDEWALKS
- REMOVE EXISTING SIDEWALKS

# SANDWICH STREET RECONSTRUCTION PROJECT

## Detroit Street to Mill Street



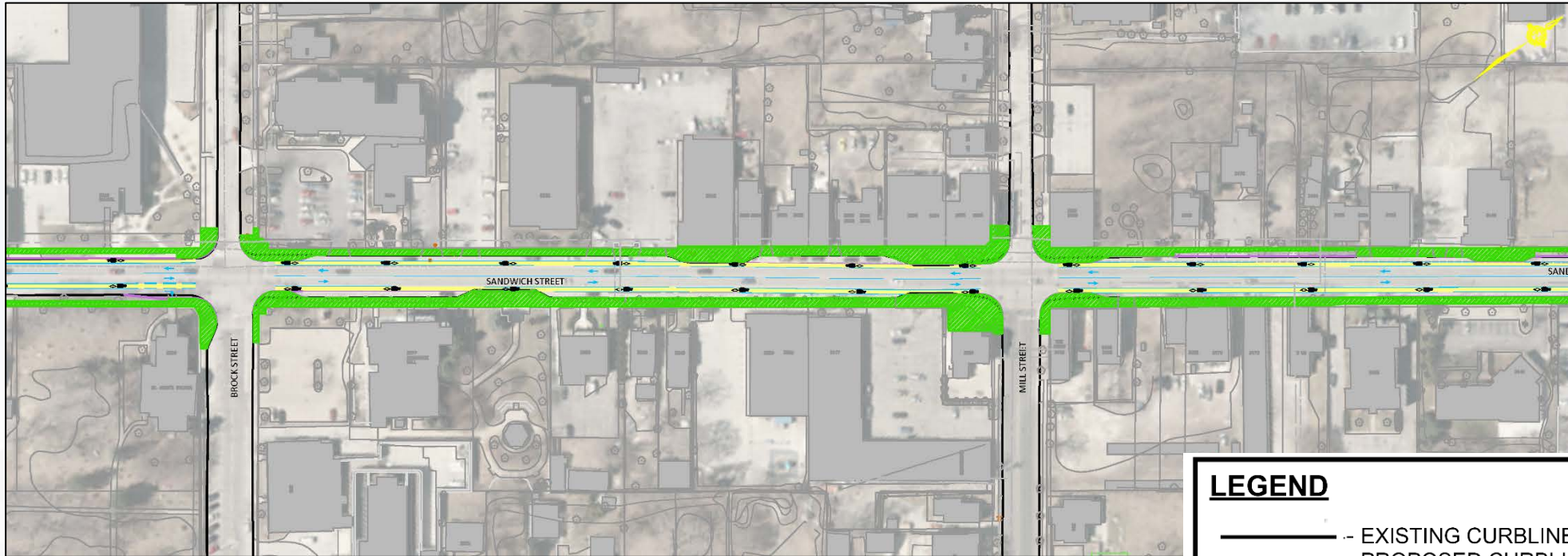
**LEGEND**

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# SANDWICH STREET RECONSTRUCTION PROJECT

## Brock Street to Mill Street

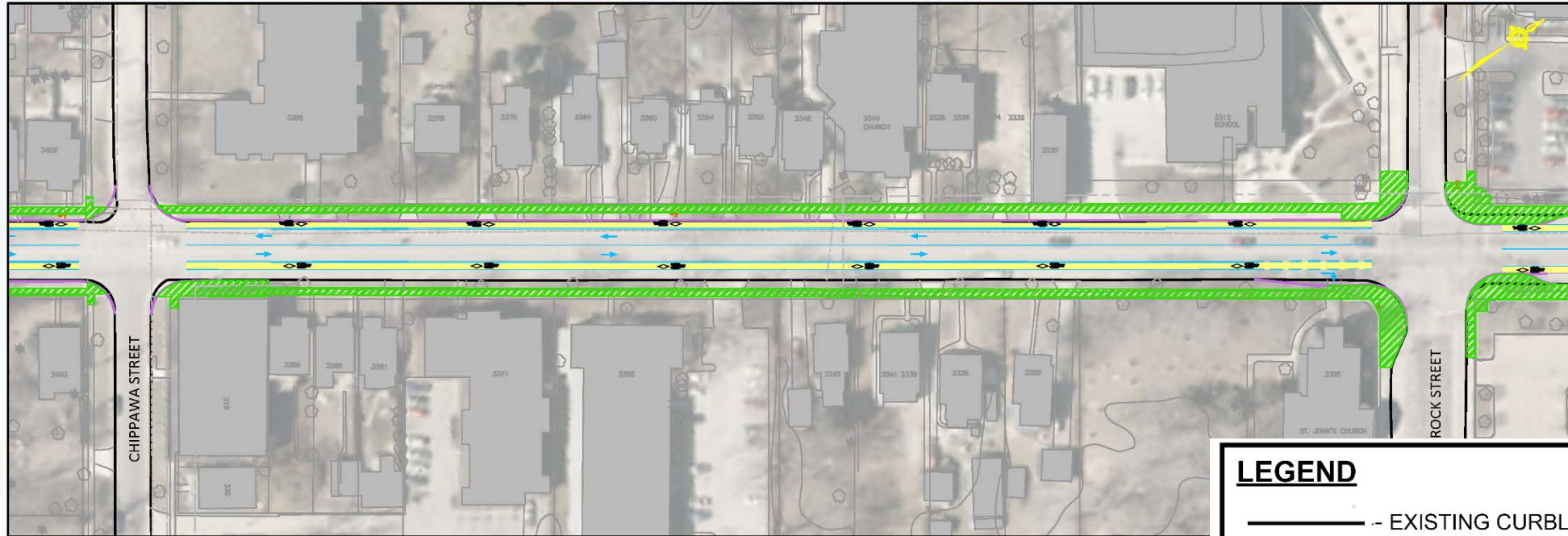


### LEGEND

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- PROPOSED BIKE LANE (1.5m)
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- REMOVE AND REPLACE EXISTING SIDEWALKS
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# SANDWICH STREET RECONSTRUCTION PROJECT

## Chippawa Street to Brock Street



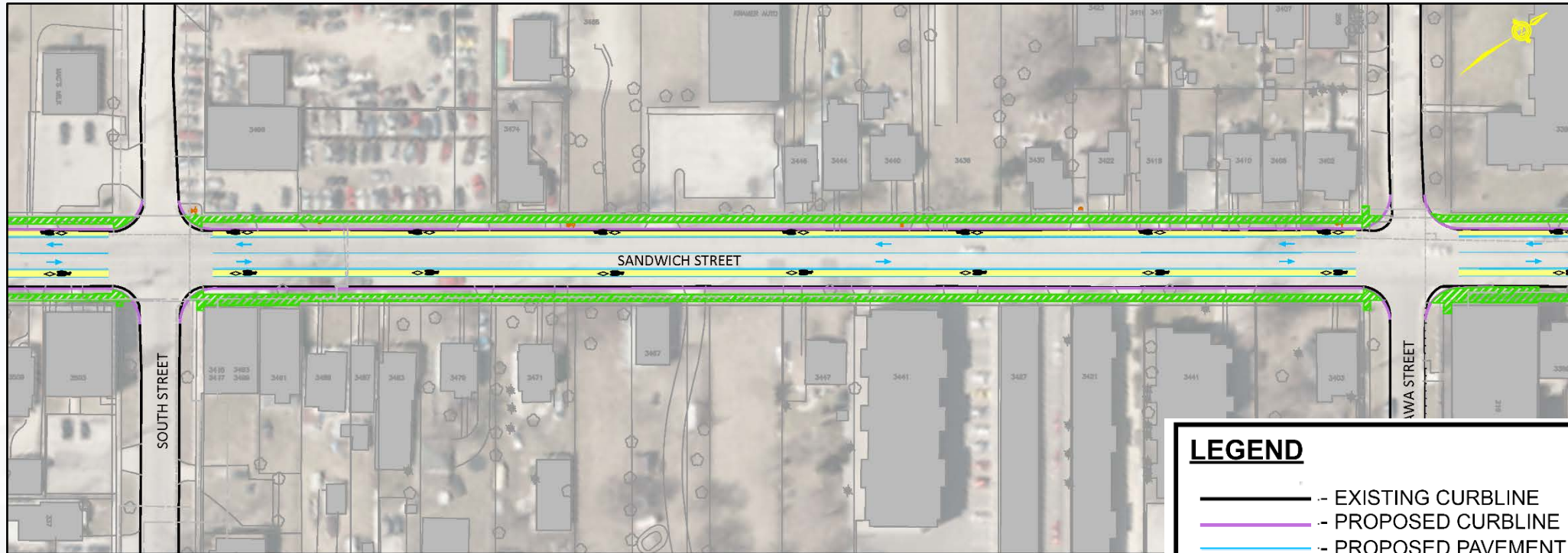
### LEGEND

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# SANDWICH STREET RECONSTRUCTION PROJECT

## South Street to Chippawa Street

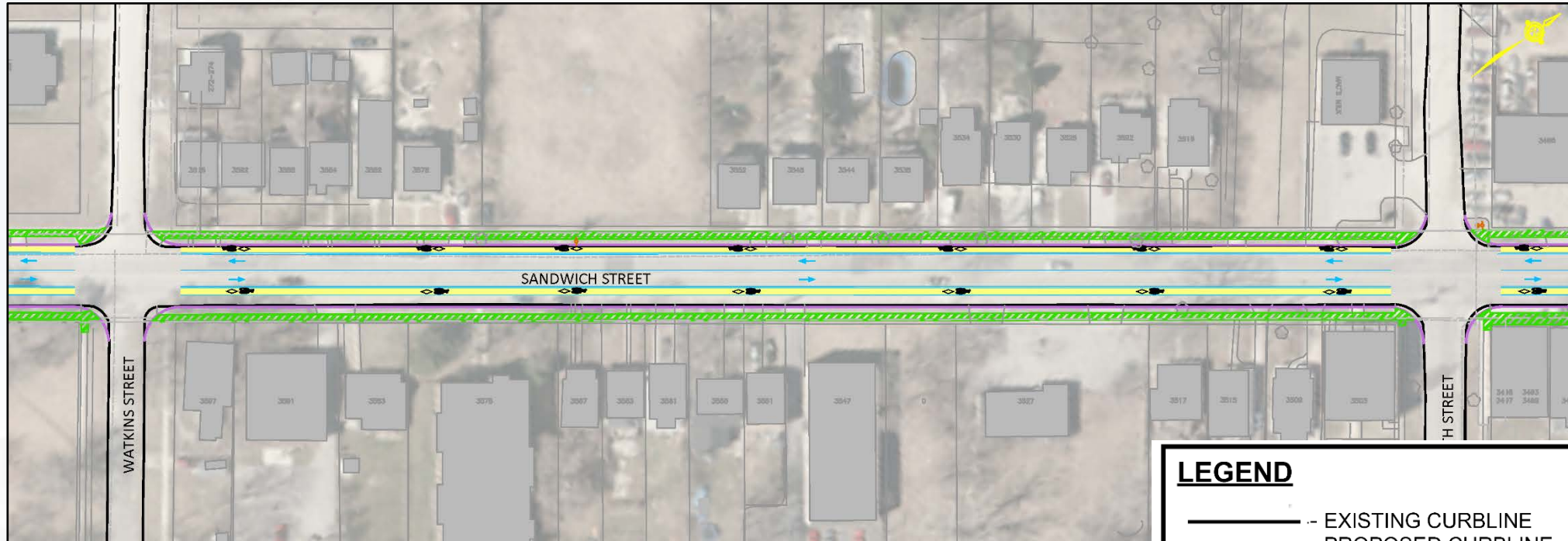


### LEGEND

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# SANDWICH STREET RECONSTRUCTION PROJECT

## Watkins Street to South Street



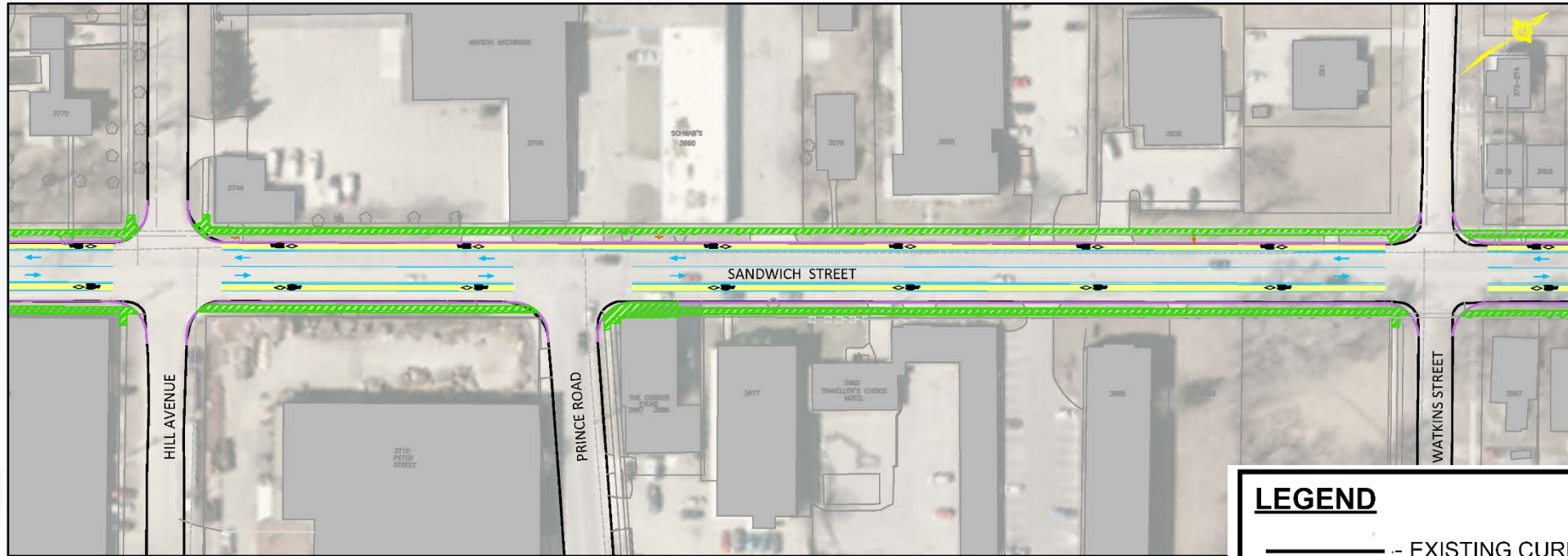
**LEGEND**

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# SANDWICH STREET RECONSTRUCTION PROJECT

## Watkins Street to Hill Avenue

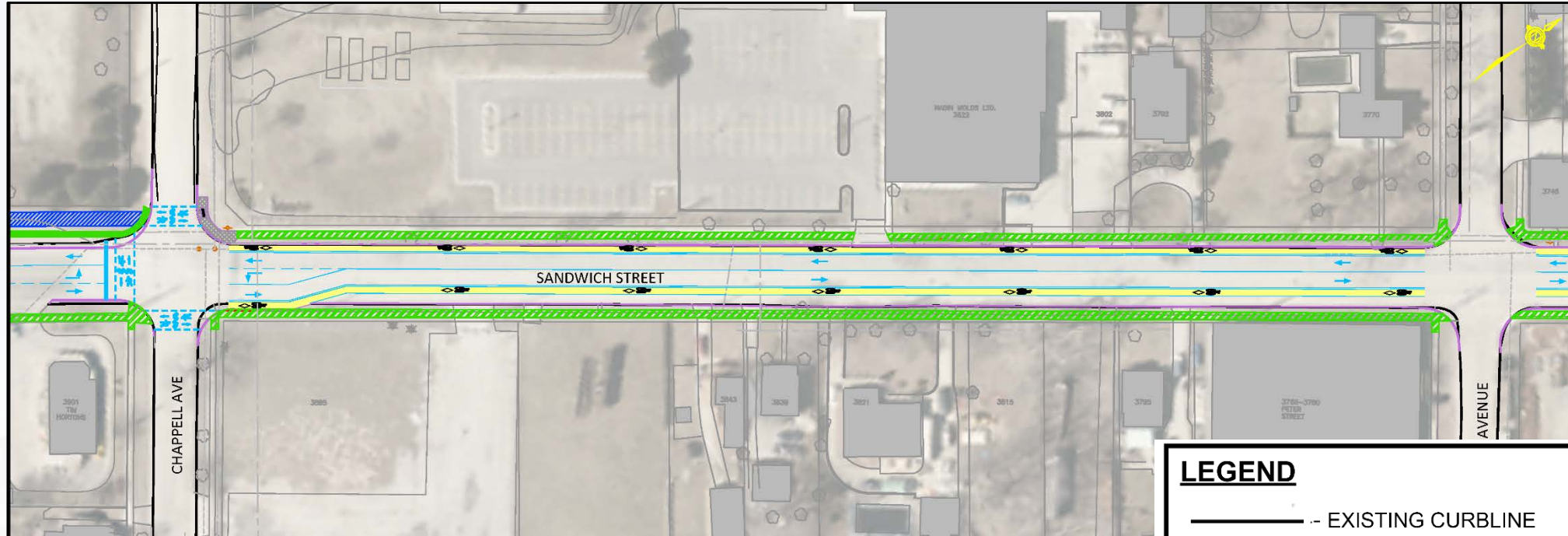


**LEGEND**

- EXISTING CURBLINE
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# SANDWICH STREET RECONSTRUCTION PROJECT

## Chappell Avenue to Hill Avenue



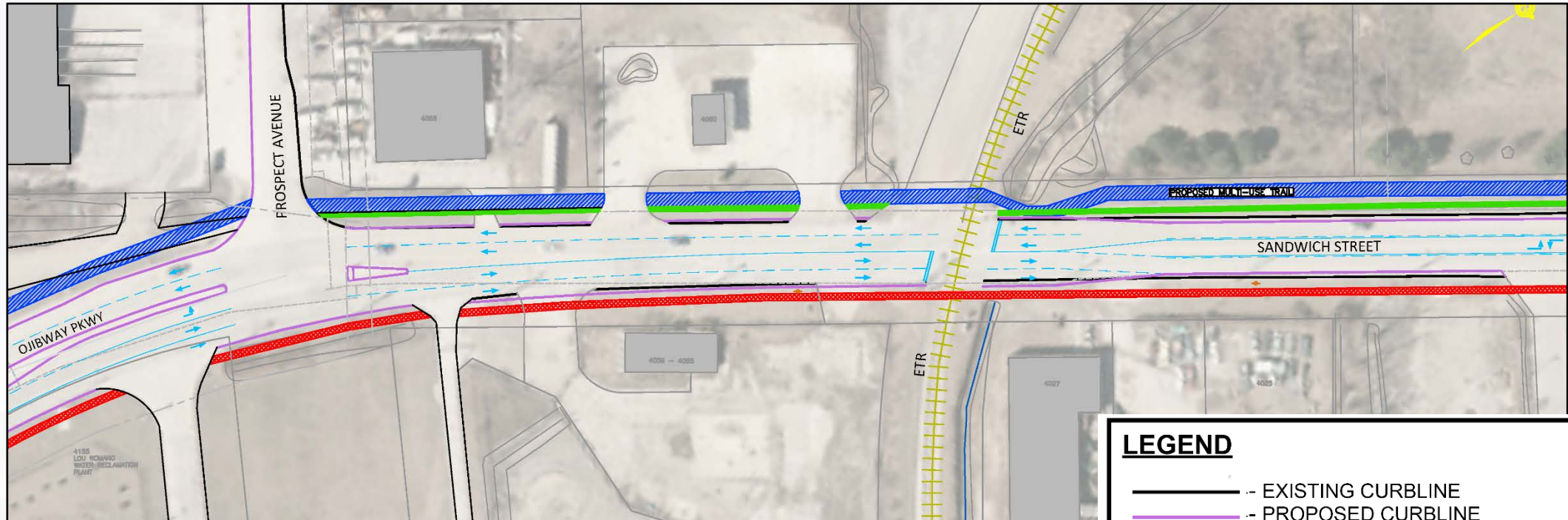
**LEGEND**

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# SANDWICH STREET RECONSTRUCTION PROJECT

## Chappell Avenue to Prospect Avenue

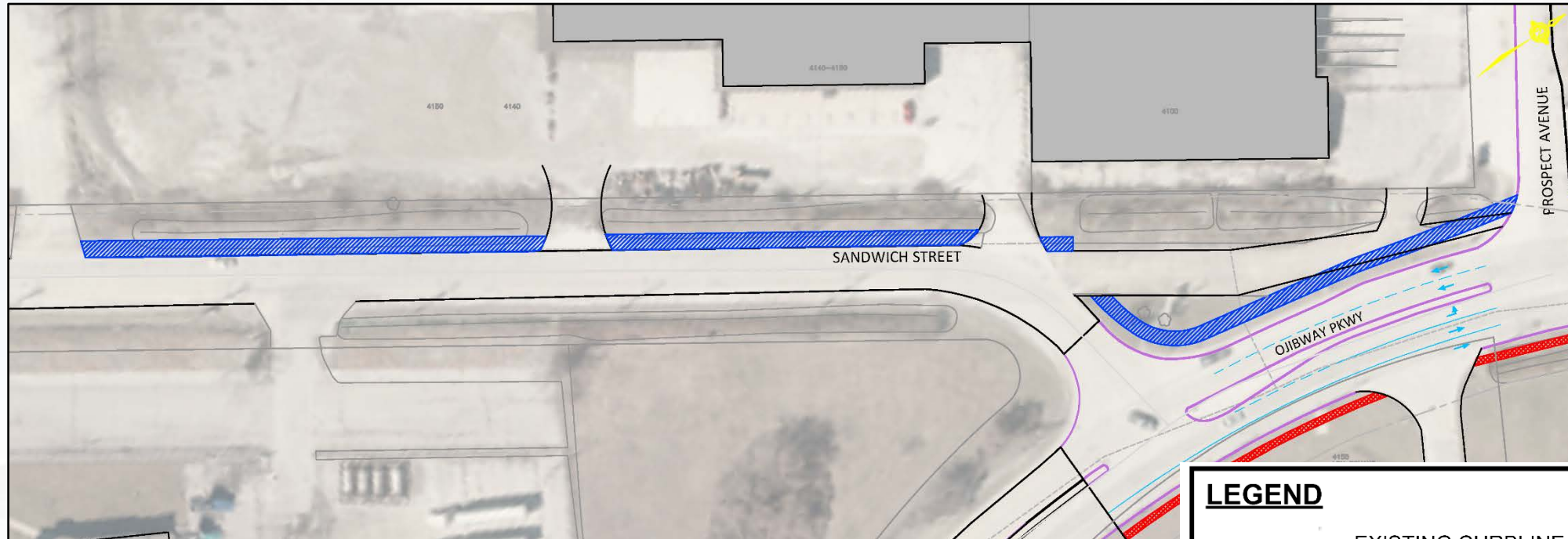


### LEGEND

- EXISTING CURBLINE
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- PROPOSED PAVEMENT MARKINGS
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- PROPOSED MULTI-USE TRAIL (3.0m)
- REMOVE AND REPLACE EXISTING SIDEWALKS
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# SANDWICH STREET RECONSTRUCTION PROJECT

McKee Avenue to Prospect Avenue



LEGEND	
	- EXISTING CURBLINE
	- PROPOSED CURBLINE
	- PROPOSED PAVEMENT MARKINGS
	- PROPOSED BIKE LANE (1.5m)
	- PROPOSED BIKE LANE WITH BUFFER (2.0m)
	- PROPOSED SIDEWALK (1.5m)
	- PROPOSED MULTI-USE TRAIL (3.0m)
	- REMOVE AND REPLACE EXISTING SIDEWALKS
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# SANDWICH STREET ENHANCEMENTS

- In addition to the reconstruction project, an additional \$1 million will be invested from the Community Benefits Plan to further enhance streetscaping.
- Public meetings about the reconstruction project and the community benefit enhancements are planned for Spring 2021.



# 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*

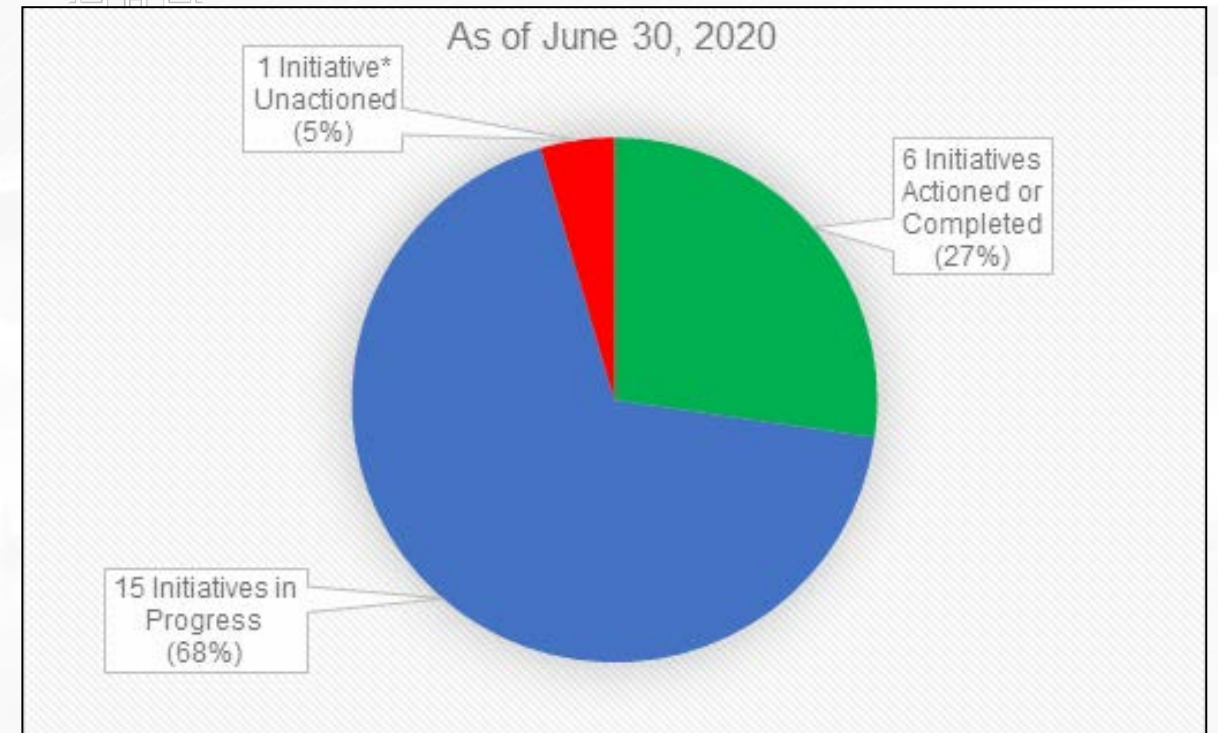


# COMMUNITY BENEFITS IMPLEMENTATION PROGRESS

The project team continues to meet virtually with delivery partners in both Canada and the US to move Community Benefits Plan initiatives forward, realizing some of the positive social, environmental and economic outcomes envisioned for the Sandwich and Southwest Detroit communities.



## Neighbourhood Infrastructure Strategy Initiative Status



US Bridge Site



# WEST END ART PROJECT

## Delivery partner:

- Life After Fifty

## Locations:

- Queen's Dock Park at the foot of Mill Street
- Dominion House, 3140 Sandwich Street





# SANDWICH BUSINESS DEVELOPMENT PROGRAM

**MORNING OF TUESDAY, OCTOBER 27, 2020**

***Agenda:***

- Keynote address
- Presentation of post-summit supports
- Breakout sessions

***Audience:***

- Existing businesses within the Sandwich community or in close proximity
- Existing businesses or entrepreneurs interested in leveraging business opportunities associated with the construction phase of the project



**Further information will be posted to [GordieHoweInternationalBridge.com](http://GordieHoweInternationalBridge.com) shortly.**

# 2021 COMMUNITY ORGANIZATION INVESTMENT

Applications for funding through the 2021 Community Organization Investment initiative will launch in **November 2020 and close in January 2021.**

An annual **\$50,000 (CDN)** investment allowance per country will be made available between 2020 and 2024. Requests for funding can range from **\$1,000 - \$25,000 (CDN).**

Applications will be considered for funding if:

- The organization(s) applying is located in or provides services to the host communities of Sandwich/west Windsor or Delray/Southwest Detroit neighbourhoods
- The requested funding will be invested in events, programming and infrastructure improvements that will benefit the host communities
- The applicant is a registered non-profit or charitable organization charity or has a trustee relationship with a registered charity.

**Funding will be available to selected recipients in July 2021.**





# BRIDGING NORTH AMERICA HIRING & PROCUREMENT



[jobs@bnacagp.com](mailto:jobs@bnacagp.com)



[procurement@bnacagp.com](mailto:procurement@bnacagp.com)

# QUESTION AND COMPLAINT PROCESS

The project team is committed to ensuring that communication with the public is maintained during construction so 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@wdbbridge.com](mailto:Info@wdbbridge.com)



# LEARN MORE

 [gordiehoweinternationalbridge.com](http://gordiehoweinternationalbridge.com)

 1-844-322-1773

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 WDBA-APWD

