

# Welcome to the Eau Claire Public Realm Open House

The City is investing in Eau Claire to create a landmark area where Calgarians can proudly participate in a desirable, active and lively cultural destination. We are undertaking multiple, connected projects that focus on connectivity and resiliency by creating great spaces to live, work and play.

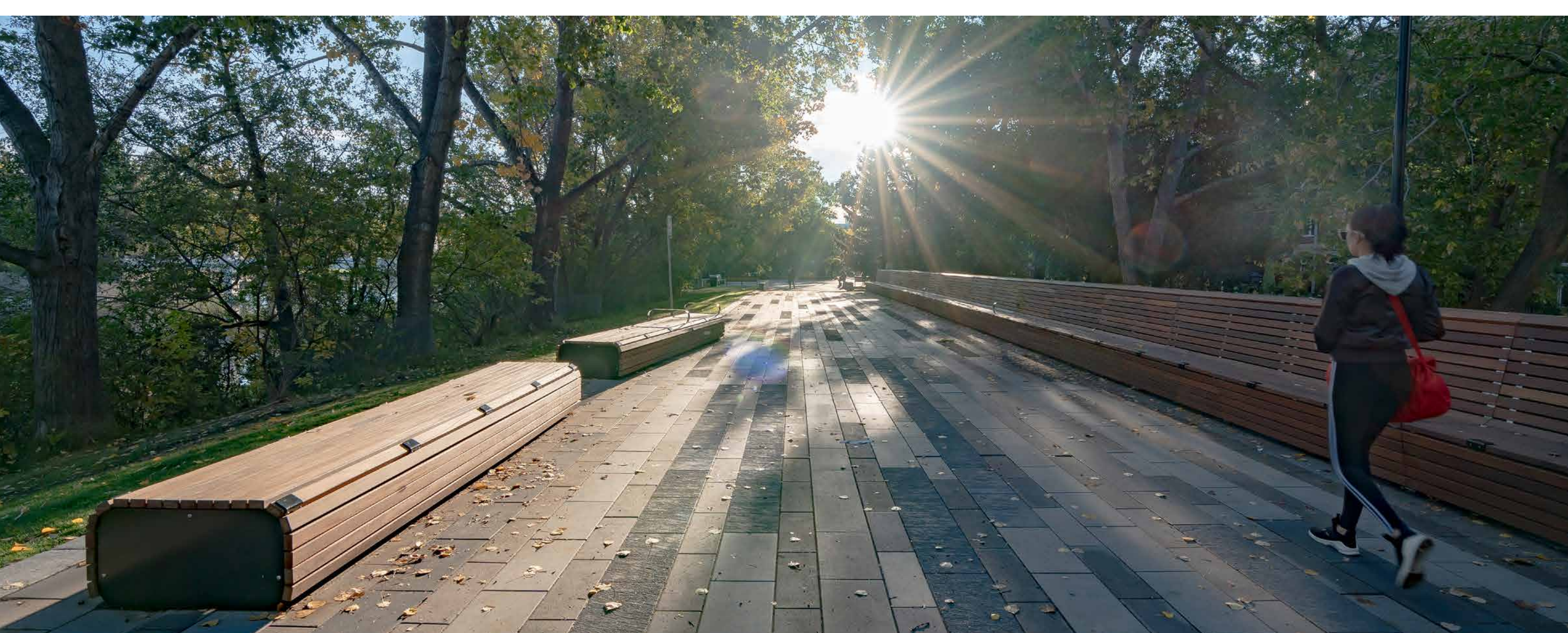
## We are committed to:

- Improving connections in to and out of Eau Claire, and downtown as a whole, whether you travel by foot, bus, and bike.
- Building on Eau Claire's character to create great spaces to live, work, play, and shop.
- Planning for the near- and long-term to deliver thoughtful growth and development in the area.

## The purpose of this event is to:

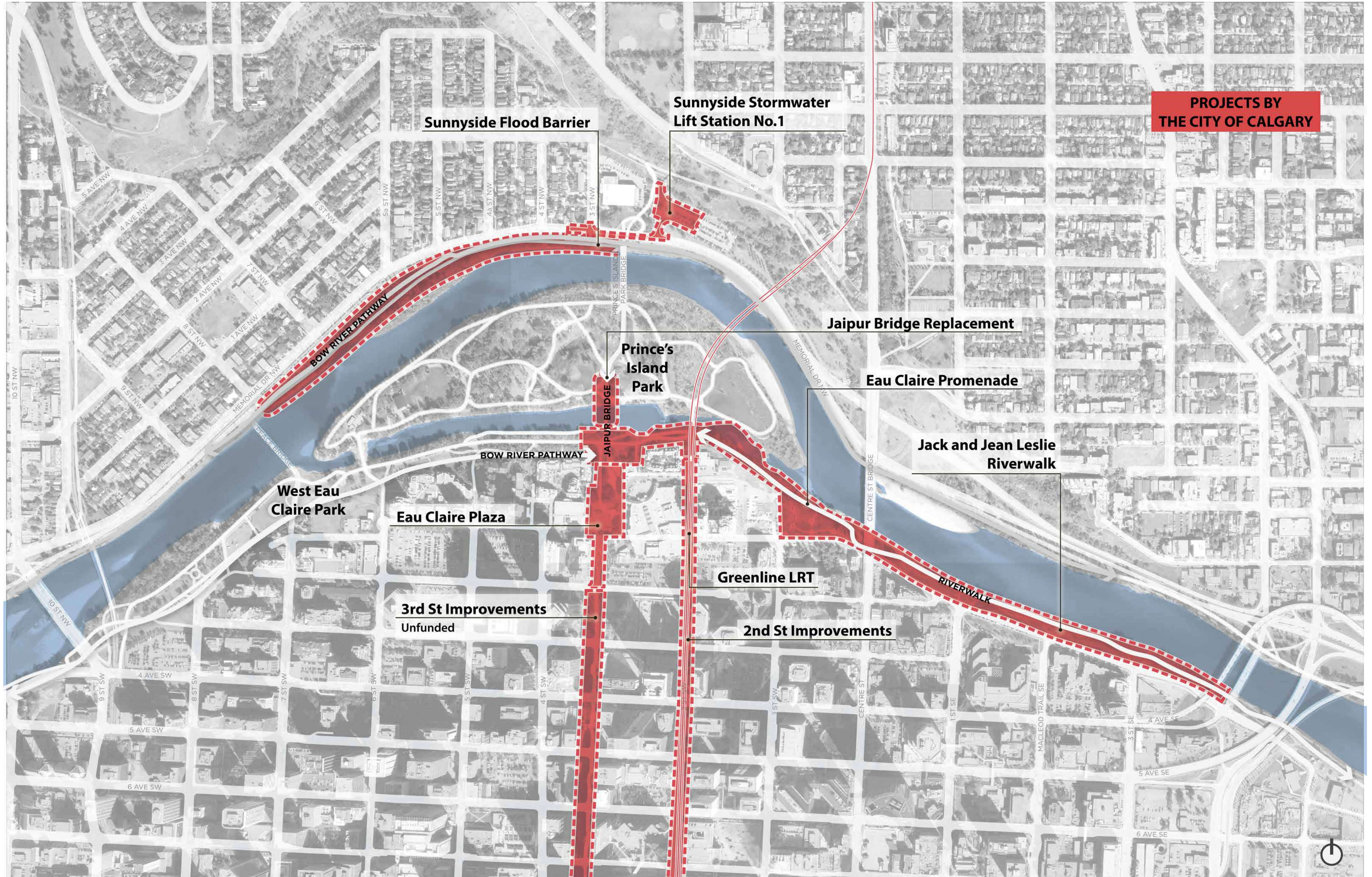
- Learn about projects happening in your community between 2019-2022 and talk with City project team members.
- Provide feedback on proposed designs for the Eau Claire Promenade and Eau Claire Plaza.

City staff are on hand to answer your questions. Additional information about Eau Claire area projects can be found online at [calgary.ca/eauclaire](https://calgary.ca/eauclaire)





# Eau Claire Area Projects



# Eau Claire Area Projects



## Eau Claire Promenade

The Eau Claire Promenade extends from West Eau Claire Park eastwards to the East Village Riverwalk and will create a safe, efficient and beautiful riverfront promenade and cycle network that integrates flood protection into a space that connects Calgary's downtown with the Bow River.

Please stop by the Promenade station to learn more about the project and provide feedback on a proposed design.



## Eau Claire Plaza

The Eau Claire Plaza is being redesigned to integrate into the vibrant, mixed-use Eau Claire community and with the Eau Claire Promenade and Prince's Island. This new design will embrace everyday community gatherings and have the capacity to host events and experiences that invite the participation of community members, Calgarians and visitors. It will be a space of wonder, a place grounded in history, and the porch space for social and cultural gatherings in Eau Claire.

Please stop by the Plaza station to learn more about the project and provide feedback on a proposed design.

## Jaipur Bridge Replacement

Jaipur Bridge is the main south access to Prince's Island Park. It's over 50 years old and needs to be replaced. A new bridge will improve access to Prince's Island Park, one of Calgary's most popular park destinations. Its design will be coordinated with the new design of the Eau Claire Promenade.



# Eau Claire Area Projects

## 2nd and 3rd Street S.W. Improvements

The focus of the 2nd and 3rd Street S.W. streetscape master plan is to provide a vision and principles for much needed life-cycle refresh connecting the Bow River and Eau Claire with Stephen Avenue and the Downtown Core. Evolving from the Eau Claire Public Realm Plan and adapting to changing mobility needs, the plan envisions continuous high-quality pedestrian spaces, generous street planting, on-street protected cycling infrastructure, future Green Line stations, and vehicular traffic with off-peak on-street parking. 2nd Street and 3rd Street S.W. will be designed as a couplet to consider new multi-modal choices in the network. In this couplet, the design of 3rd Street S.W. will focus on providing smooth and comfortable multi-modal connections, whereas the design for 2nd Street S.W. will focus on providing a uniquely generous pedestrian realm, and active retail frontage spaces.

## Sunnyside Flood Barrier

The Sunnyside Flood Barrier project is currently in the preliminary design stage, where we are determining the extent of improvements needed to the existing flood barrier. This stage consists of engineering studies and surveys to help inform various options. Near the end of this stage, we'll be gathering feedback from the Sunnyside community on the proposed options to develop a design that works for the community and aligns with our overall flood mitigation strategy.

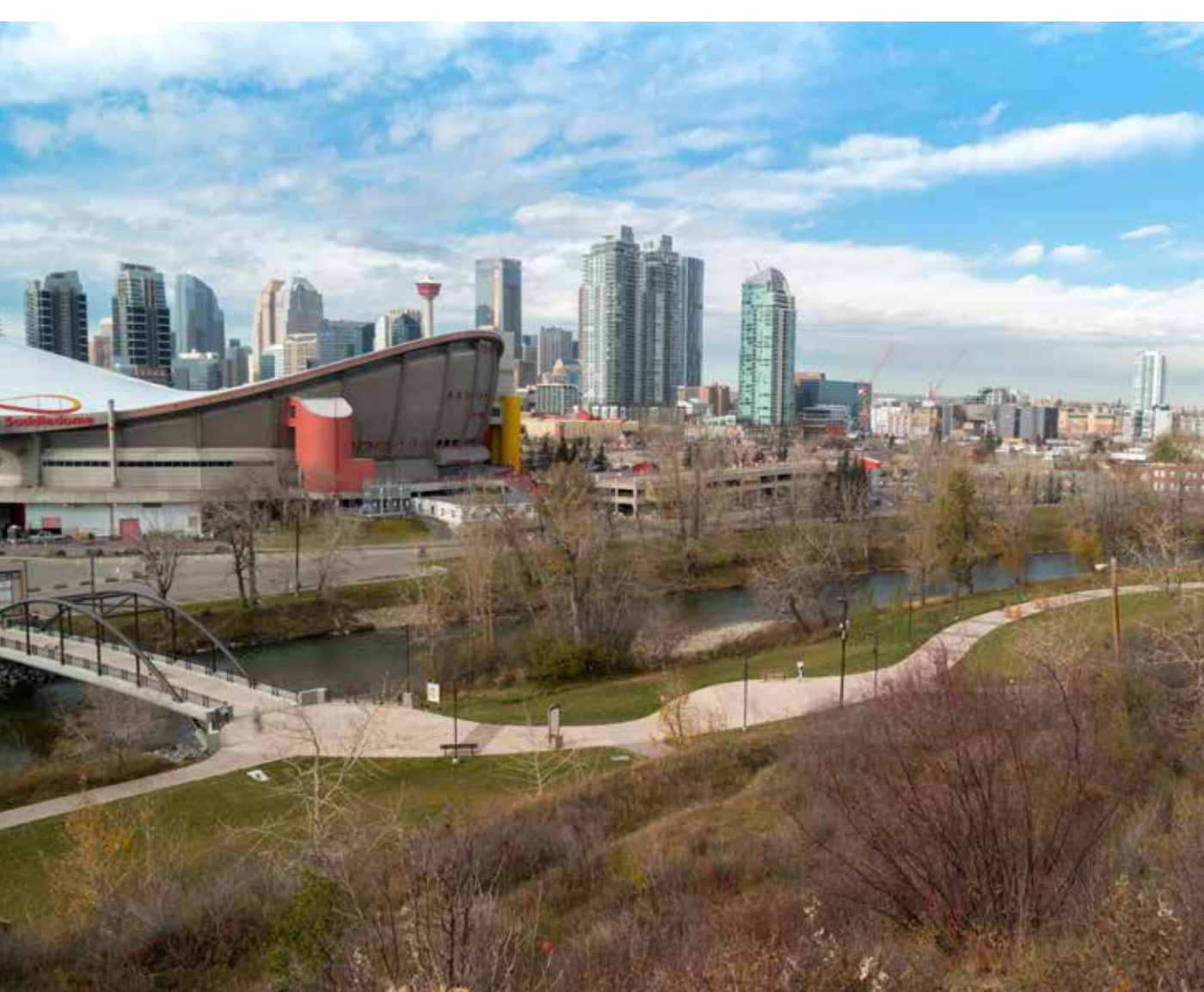
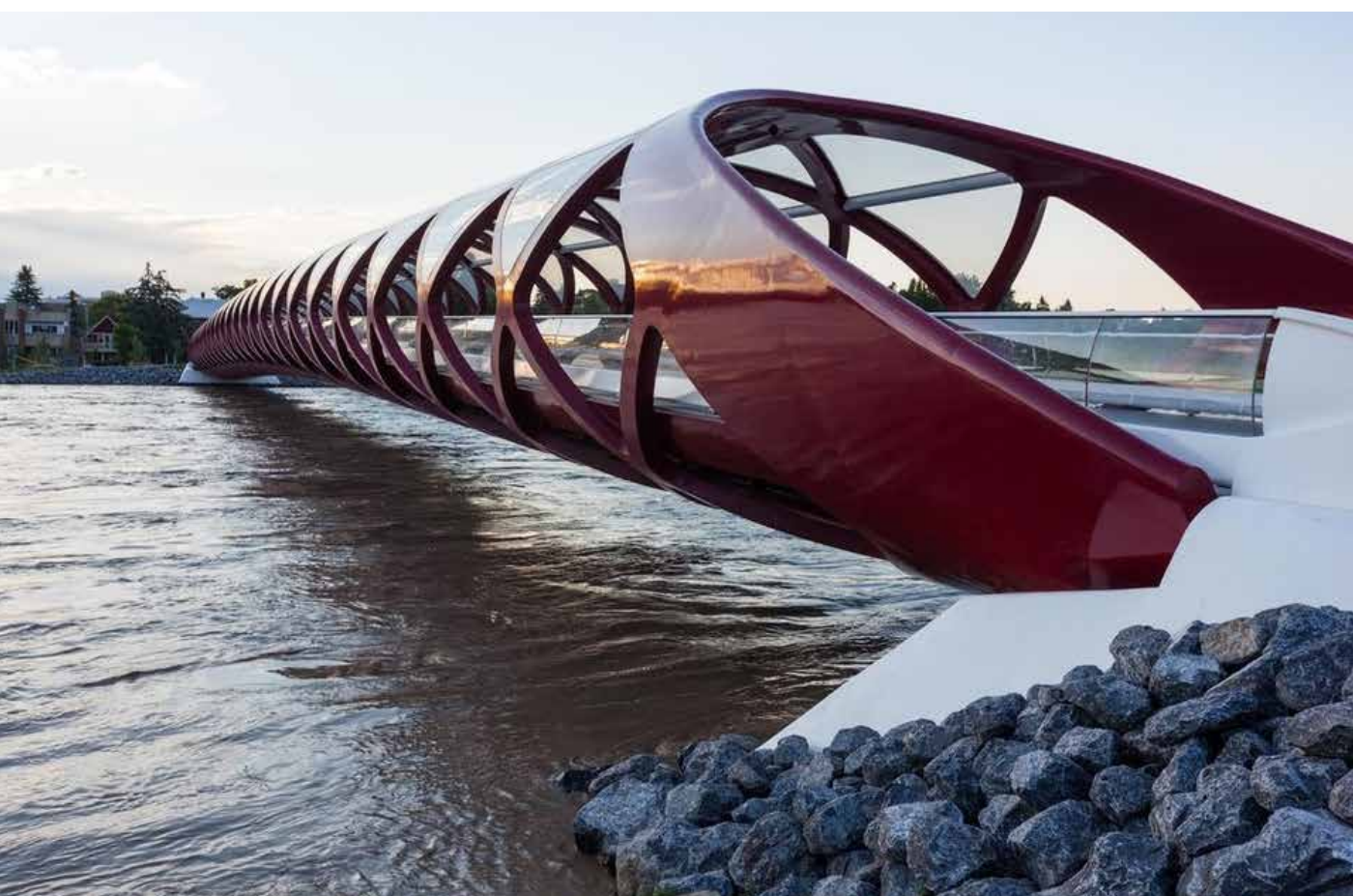
## Sunnyside Stormwater Lift Station No. 1

The new Sunnyside storm lift station will be located at 200 Memorial Drive N.W. between the Calgary Curling Club and the Calgary Parking Authority (CPA) parking lot. The new lift station will alleviate localized flooding in the south east area of Sunnyside as well as overland flooding on Memorial Drive NW, keeping it open for Emergency services, citizens and City trouble crews. Construction of the new storm lift station began in 2018.

## Green Line

The Green Line team is currently undertaking a review of the construction method of the tunnel through the Centre City and Beltline in order to compare two different methods: single bore and twin bore. The primary focus of the review at this time is to determine the best tunneling construction methods and design that will provide a high-quality project for Calgarians within our budget.

More information on station location and layout in the Centre City and Beltline will be available as details are refined over the coming months.



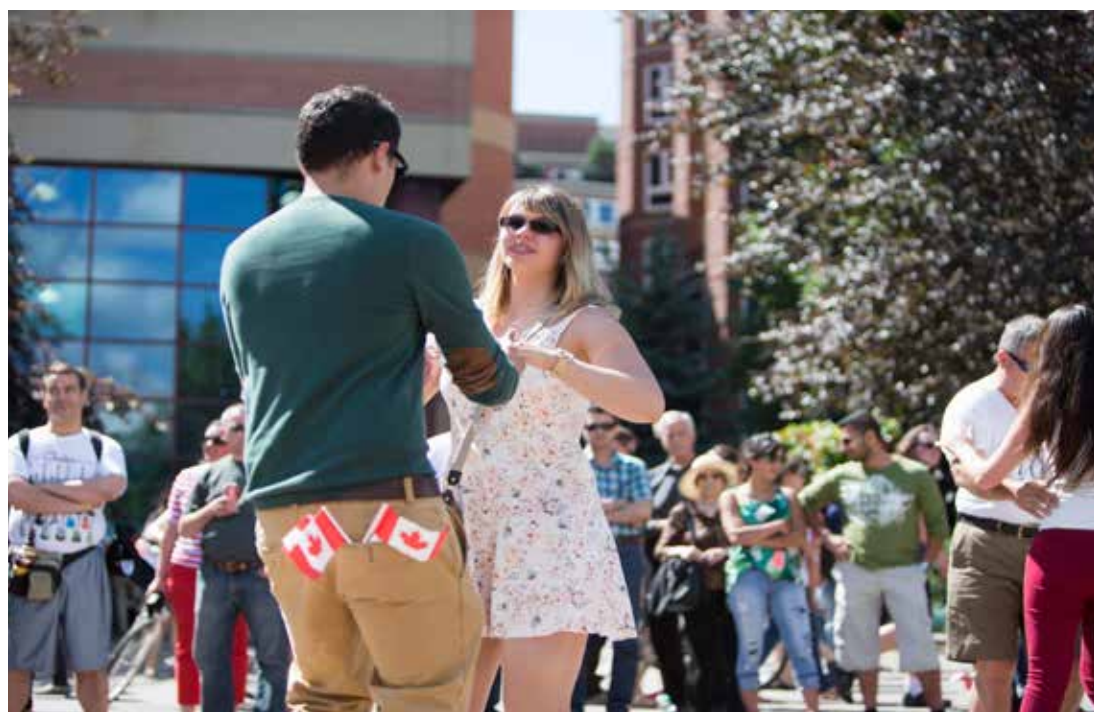


# Eau Claire Public Realm Plan

The draft Eau Claire Public Realm Plan provides a comprehensive vision for the future of the Eau Claire Public Realm and is the guiding framework for projects happening in your community. It highlights key considerations, programs and elements that will allow Eau Claire area projects to capitalize on the many opportunities that exist in the area.

## Vision

Connecting the heart of the river with the heart of downtown, the public realm will evolve toward pedestrian and multi-modal activity, embracing opportunities to invigorate the public realm with social activity and ecology.



### For the City and Community

- Create spaces of various scales that provide for diverse users
- Design for flexibility and adaptability
- Embrace winter
- Clearly connect Eau Claire Plaza and Promenade with complementary programming and spaces
- Celebrate the area's history through the preservation and continued use of existing buildings and structures



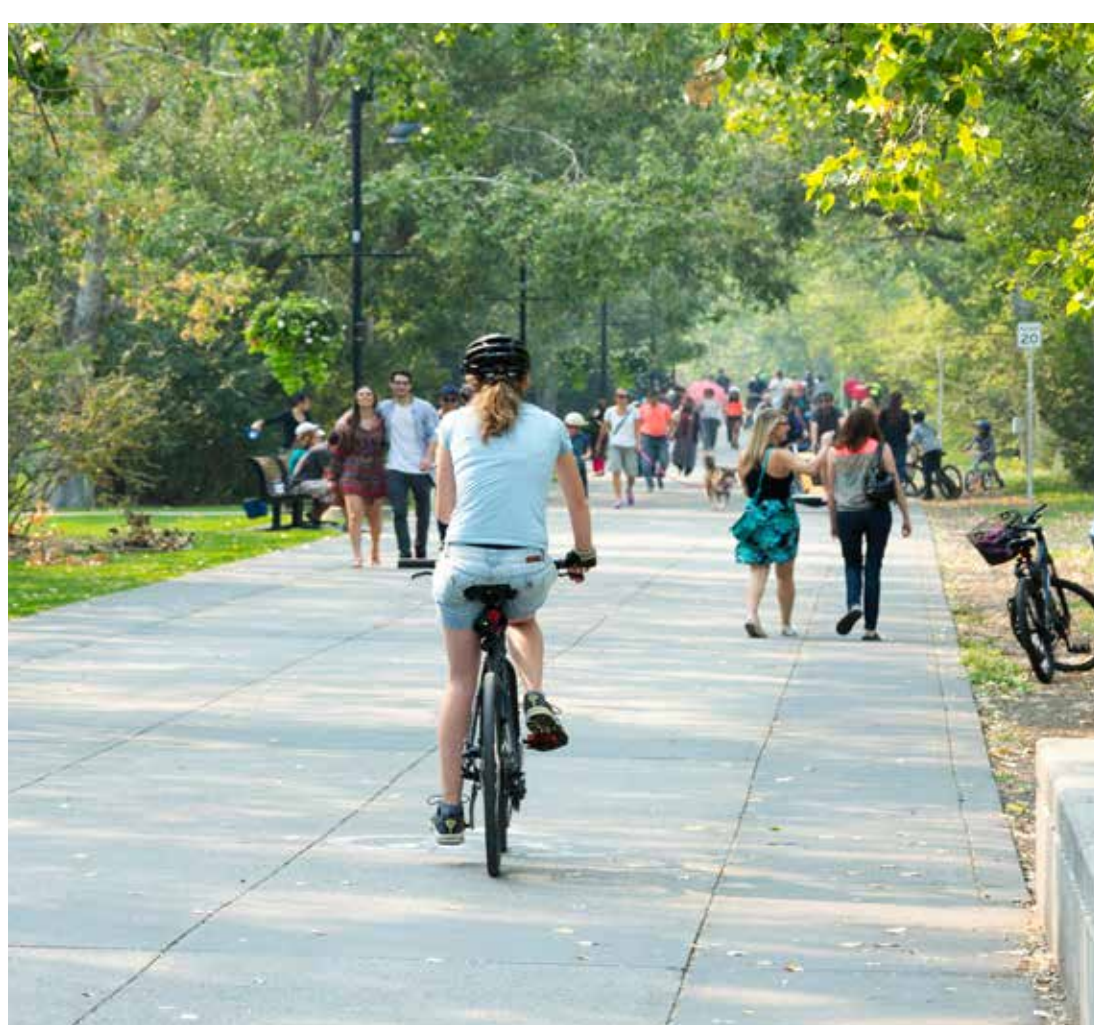
### Resilient and Responsible

- Incorporate green infrastructure where possible to provide opportunities for stormwater cleansing and or infiltration
- Incorporate efficient and programmable lighting
- Utilize high quality, durable and beautiful materials and furnishing to create an authentic and timeless sense of space
- Incorporate flood mitigation along the Eau Claire Promenade and Jack and Jean Leslie Riverwalk to protect the area from at least a 2013-level flood



### Active and Multi-modal

- Plan for temporary programming/installations by providing necessary infrastructure and space
- Utilize comfortable micro-climates to create places for interaction and rest
- Provide broad space for pedestrian movement
- Extend the separated cycle path from West Eau Claire Park through to Jack and Jean Leslie Riverwalk



# Project Impacts

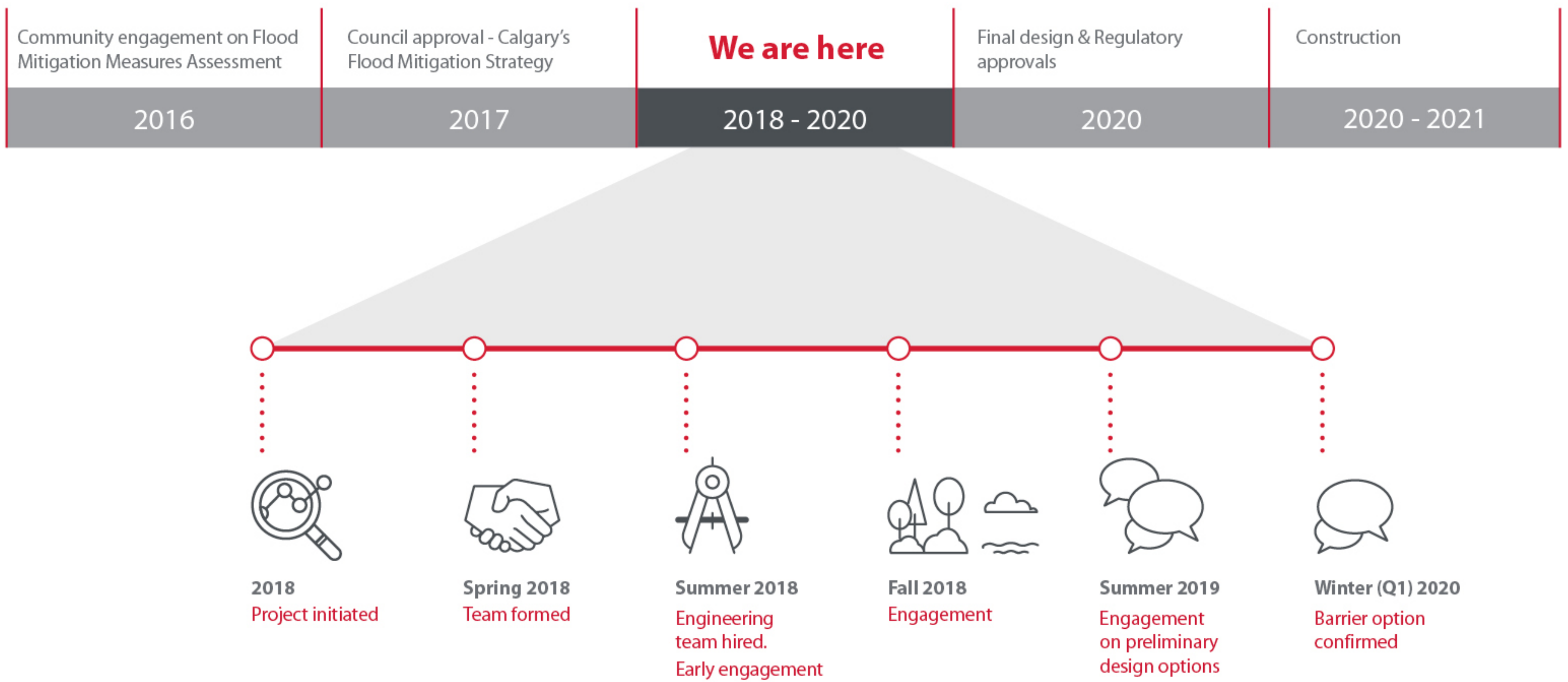
Construction of these projects will have a major impact on access to Prince's Island Park, Eau Claire Plaza, and Eau Claire Promenade from Spring 2020 to Fall 2022. The City is currently working to find a solution that minimizes the impact that construction will have on residents, commuters, businesses and events. Unfortunately, there is no option that will allow for the area to function as it currently does, during construction.

We are committed to meeting with residents, business owners, event organizers and community groups throughout the pre-construction and construction periods to discuss impacts and work together to find solutions.



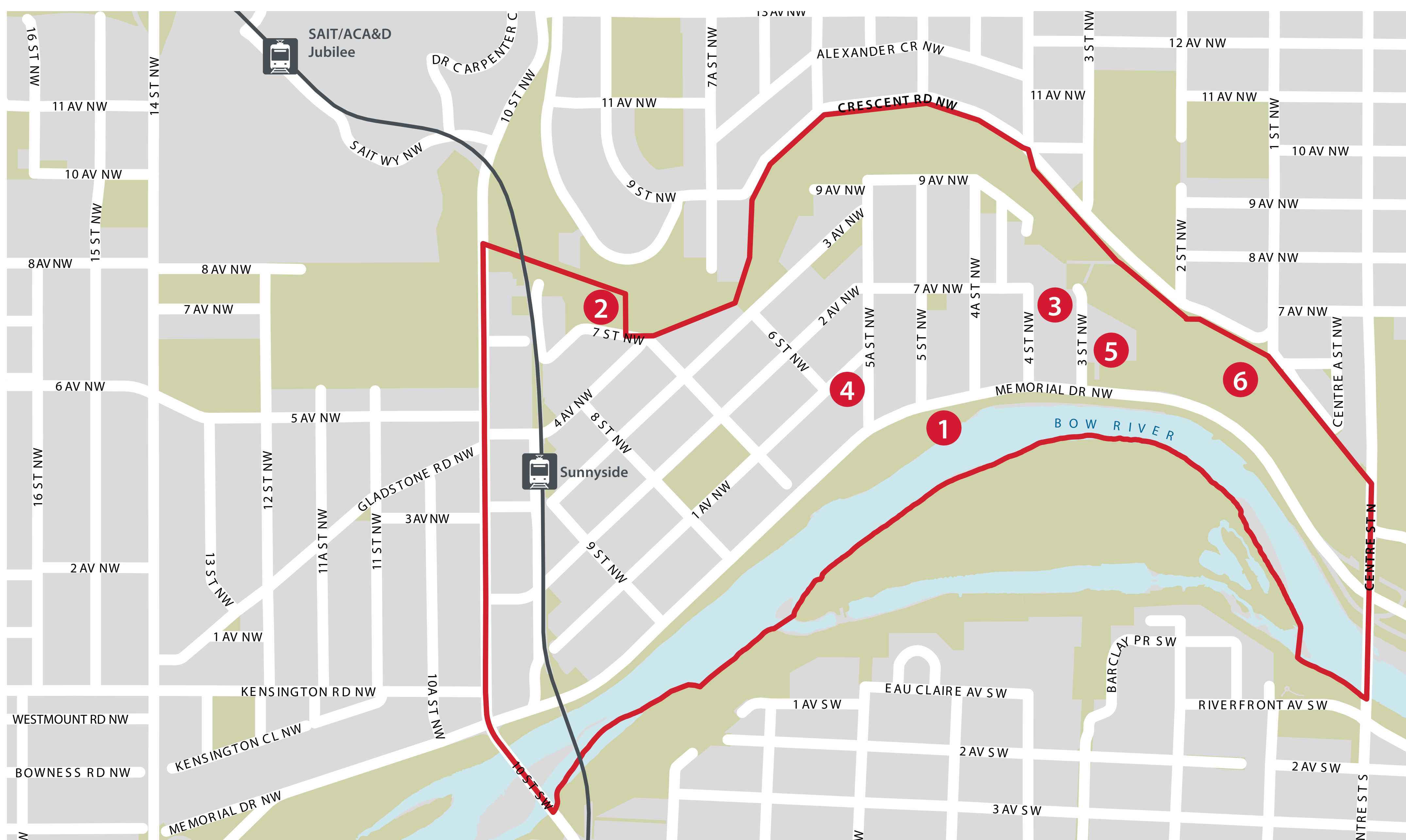
# Sunnyside flood barrier timeline

The City of Calgary is undertaking the study, design and construction of a flood mitigation barrier in Sunnyside. The City will be engaging with residents and business owners throughout this process. Please see a timeline of activities below.



# Flood mitigation in Sunnyside

Here are the projects that will help address localized flooding that happens in the area.



**1 Sunnyside Flood Barrier Project**

Design of a permanent flood barrier along the riverbank.  
Status: In progress. Estimated completion in 2021.

**2 Upper Plateau Separation Project**

To help prevent flooding of the lower plateau of Sunnyside/Hillhurst, The City is building dedicated stormwater infrastructure for the upper plateau.  
Status: In progress. Estimated completion in 2020.

**3 Sunnyside Sanitary Lift Station Replacement**

This lift station was upgraded for flood resiliency. It is designed to operate up to a water depth of 1.35 metres, as measured from the gutter on 3 Street N.W. At water depths above this, the sanitary sewer will be inundated but the lift station can keep pumping all the way up to a 1-in-100 flood event.  
Status: Completed summer 2018.

**4 Sunnyside Storm Lift Station Improvement (Pump Station #2)**

The lift station is being upgraded for flood resiliency and to provide a higher pumping capacity of 2,000 L/s.  
Status: In progress. Estimated completion in 2019.

**5 New Sunnyside Storm Lift Station (Pump Station #1)**

A new lift station will alleviate overland flooding on Memorial Drive, and localized flooding in the south east area of Sunnyside by Memorial Drive and 3 Street N.W. by providing 1,000 L/s of pumping capacity.  
Status: In progress. Estimated completion in 2020.

**6 Memorial Drive & 3 Street N.W. Critical Erosion Site**

This project repaired erosion damage from Bow River flooding and stabilized the river bank. In addition, this project contributed to flood resiliency with the addition of a concrete wall near the Centre Street Bridge.  
Status: Completed in 2013.



# How the 2013 flood impacted downtown

The 2013 flood greatly impacted the downtown core.

- Buildings, roadways and park spaces were flooded.
- Businesses, transportation networks and government facilities were closed and emergency and critical services were affected.
- Homes and personal property were damaged.

Protecting downtown Calgary from at least another 2013-level flood is a priority.

Downtown Calgary is the main economic driver of the Calgary metropolitan region and is home to 124 head offices and to more than 99,000 jobs, representing approximately 20% of our total jobs.



Prince's Island Park covered by flood waters, June 22, 2013

# Downtown flood mitigation

The following diagram outlines the Council-approved flood mitigation strategy that will protect the Downtown area from at least a 2013-level flood.



For more information on flooding in Calgary visit [calgary.ca/floodinfo](http://calgary.ca/floodinfo)

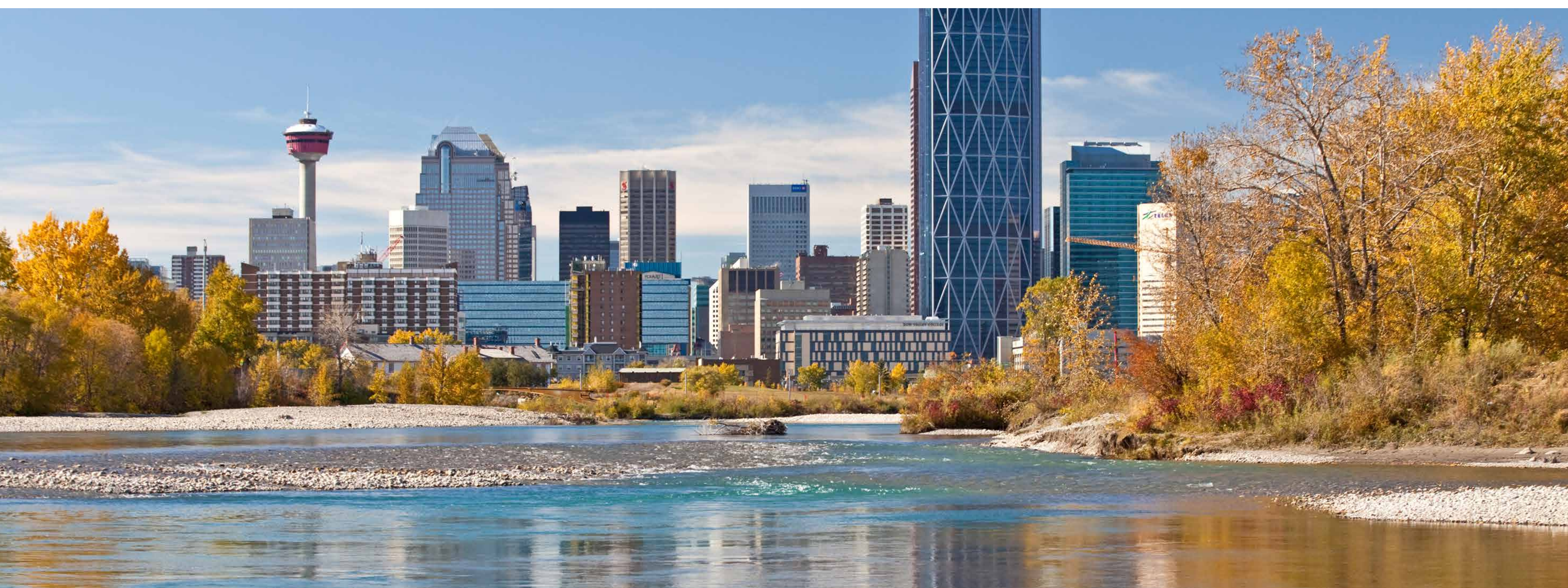
# Flood Protection for the Downtown Core

The Downtown flood barrier is critical to Calgary's flood resilience as nearly half of the downtown is at risk should a significant flood event occur. On May 1, 2018, the Province approved funding for the construction of a new flood barrier on the south side of the Bow River extending from Eau Claire Plaza to Reconciliation Bridge.

## **This project will:**

- Increase resiliency for critical services, public infrastructure and civic services;
- Reduce business and economic interruption resulting from flood events;
- Improve public space adjacent to the Bow River; and integrate flood protection measures into Eau Claire Public Realm Initiative;
- Increases resiliency for residential and commercial properties and future infrastructure projects (e.g. Green Line LRT);
- Extend flood protection provided by the West Eau Claire Park flood barrier.

Flood protection can work harmoniously with improvements made to our public realm. The Eau Claire and Chinatown sections of the flood barrier will incorporate significant lifecycle and public realm improvements. The Jack and Jean Leslie RiverWalk will be updated for new flood resiliency requirements in landscaped areas, while the pedestrian and cycle promenade will remain in its current state. This will allow for the enhancement of our spaces while protecting against future floods.



# Replacing Jaipur Bridge



## Building a new bridge

Jaipur Bridge is the main south access to Prince's Island Park. It's over 50 years old and needs to be replaced.

The new bridge will improve access to Prince's Island Park, one of Calgary's most popular park destinations. Its design will be coordinated with the improvements to the Eau Claire Promenade. The new bridge will also:

- Meet today's bridge engineering standards
- Meet today's accessibility requirements
- Help increase the City's flood resiliency
- Accommodate emergency vehicles



## What's in a name? Jaipur Bridge

Jaipur, India is one of Calgary's six sister cities: Daejeon, South Korea; Daqing, China; Naucalpan, Mexico; Phoenix, Arizona; Quebec City, Canada.

Jaipur was chosen as a sister city to Calgary in 1973 because of common interests in industries like engineering and manufacturing. Jaipur is also known as the "Pink City" because of the abundance of pink-coloured stone, primarily used for the city's buildings and structures.



## Design and construction schedule

Prince's Island Park sees more than a million visitors each year. It hosts more than 50 events, including the Calgary Folk Music Festival, Pride in the Park and Canada Day celebrations, to name a few.

As the project moves forward, more details will be available.

- **2019:** Design new bridge
- **2020:** Construct new bridge

# Next Steps

Thank you for attending the Eau Claire Public Realm open house.

Please provide your feedback before you leave or provide input online until April 30.

[engage.calgary.ca/eauclaire](https://engage.calgary.ca/eauclaire)

For more information about projects happening in the Eau Claire area and to receiving project updates, please visit [calgary.ca/eauclaire](https://calgary.ca/eauclaire) and sign-up for our **e-newsletter**.

