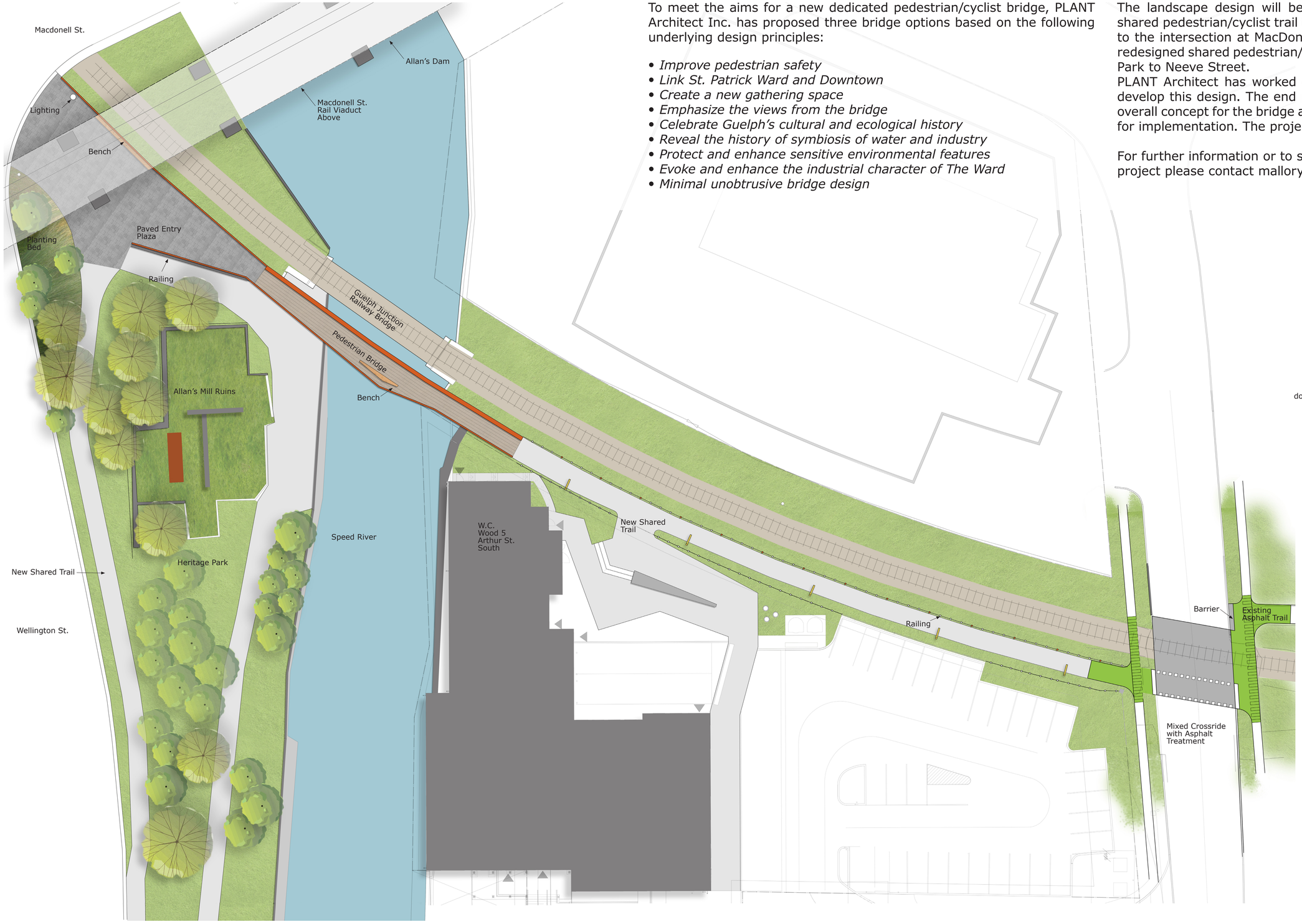
To meet the aims for a new dedicated pedestrian/cyclist bridge, PLANT Architect Inc. has proposed three bridge options based on the following underlying design principles:

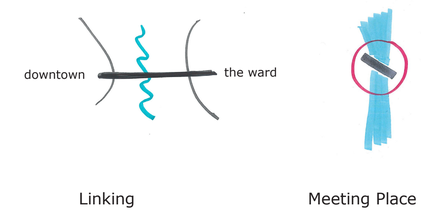
- *Improve pedestrian safety*
- *Link St. Patrick Ward and Downtown*
- *Create a new gathering space*
- *Emphasize the views from the bridge*
- *Celebrate Guelph's cultural and ecological history*
- *Reveal the history of symbiosis of water and industry*
- *Protect and enhance sensitive environmental features*
- *Evoke and enhance the industrial character of The Ward*
- *Minimal unobtrusive bridge design*

The landscape design will be extended East from the bridge along a shared pedestrian/cyclist trail to Arthur Street, and West from the bridge to the intersection at MacDonnell and Wellington East and connect to a redesigned shared pedestrian/cyclist trail running South through Heritage Park to Neeve Street.
PLANT Architect has worked collaboratively with the City of Guelph to develop this design. The end product of the planning process will be an overall concept for the bridge and the site that will direct a detailed design for implementation. The project is slated for completion in 2020.

For further information or to share your thoughts and ideas about the project please contact mallory.lemon@guelph.ca

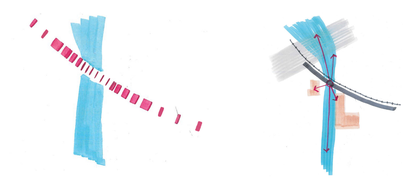


Site Plan



Linking

Meeting Place



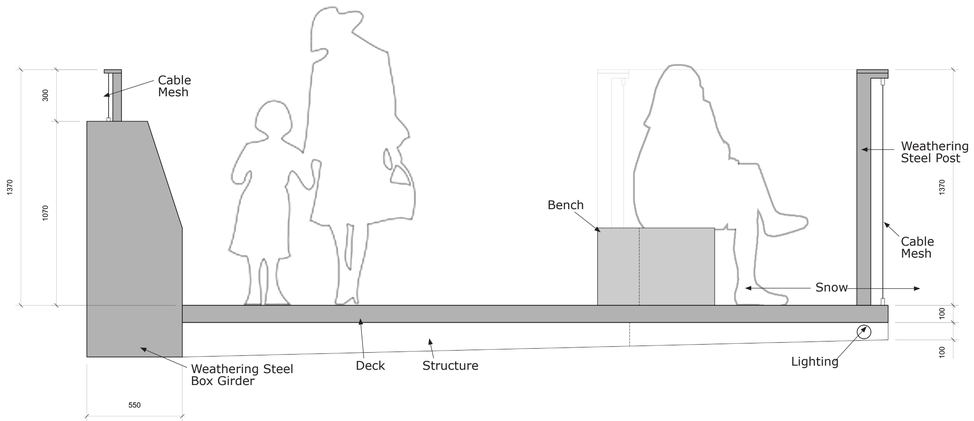
Gateway

The Best View

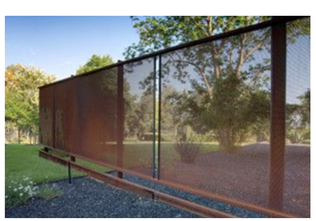
Context Site Plan

The Ward to Downtown Pedestrian Bridge

Panoramic View from the South



Section Looking East

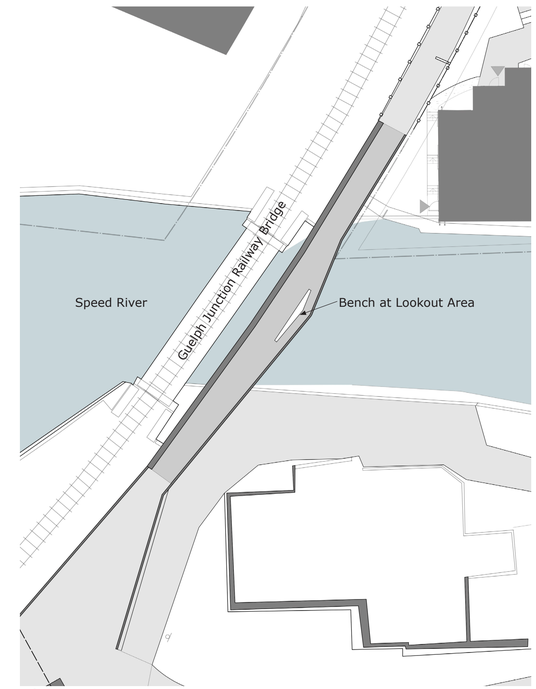


Precedents

Interior View Looking East

Features

- Solid North side and open to view on South side
- Bridge with lookout area
- Bench at lookout
- Design integrated into bridge structure
- Cantilever box girder structure
- Approach railings as "sentinels" for bridge
- Cable mesh/expanded mesh railing



Plan

The Ward to Downtown Pedestrian Bridge

Cantilever Bridge
Option 1

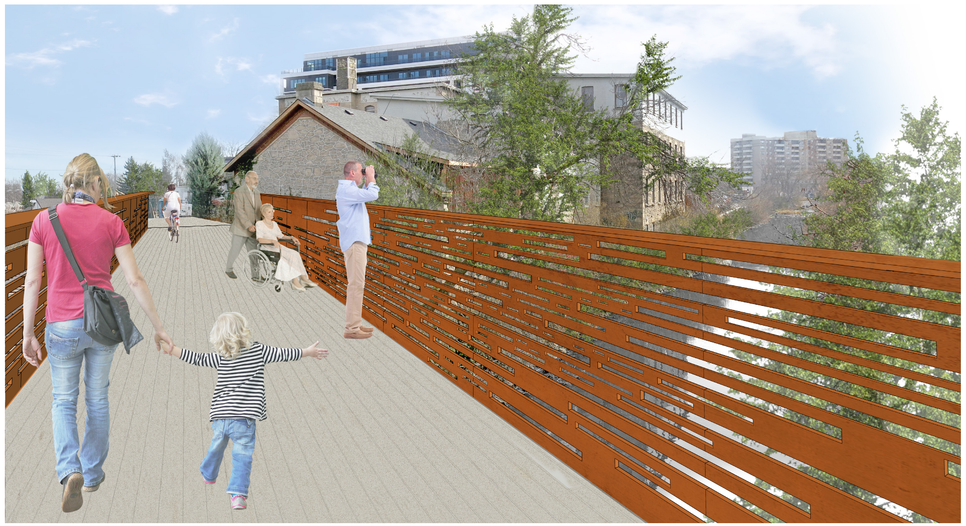
CITY OF Guelph
Making a Difference

PLANT

Panoramic View from the South

Section Looking East

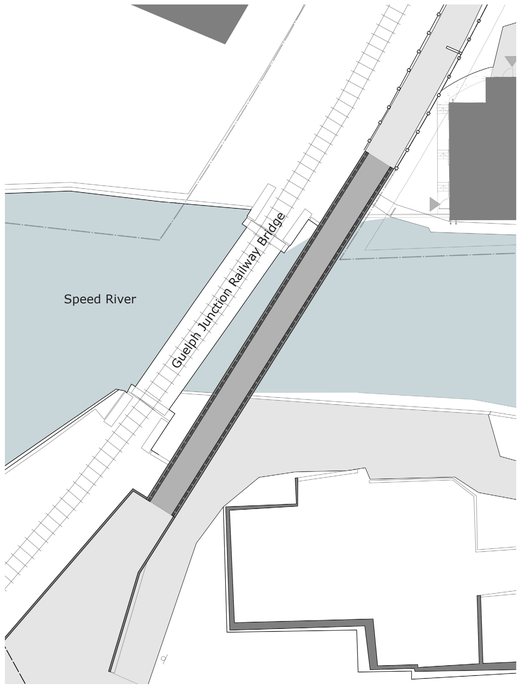
Precedents



Interior View Looking East

Features

- Two sides of bridge treated equally
- Plate girders at bridge side
- Gradation in laser cut pattern to most transparent in bridge centre
- Design integrated into bridge structure
- Straight bridge
- Approach to railings as "sentinels" for bridge
- Laser cut pattern in plate girder webs



Plan

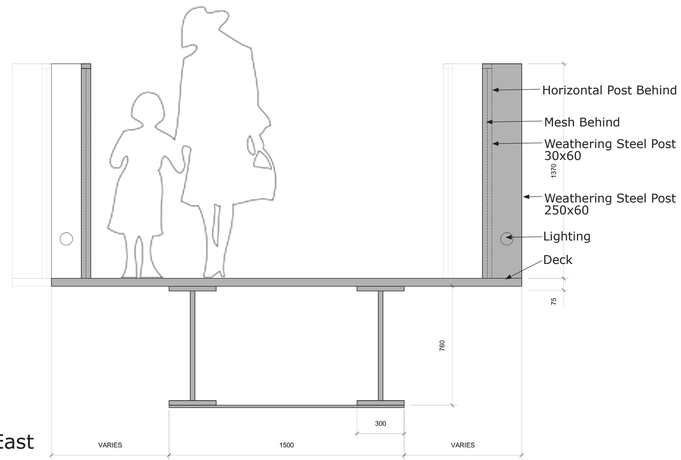
The Ward to Downtown Pedestrian Bridge

Straight Bridge Option 2

CITY OF Guelph Making a Difference

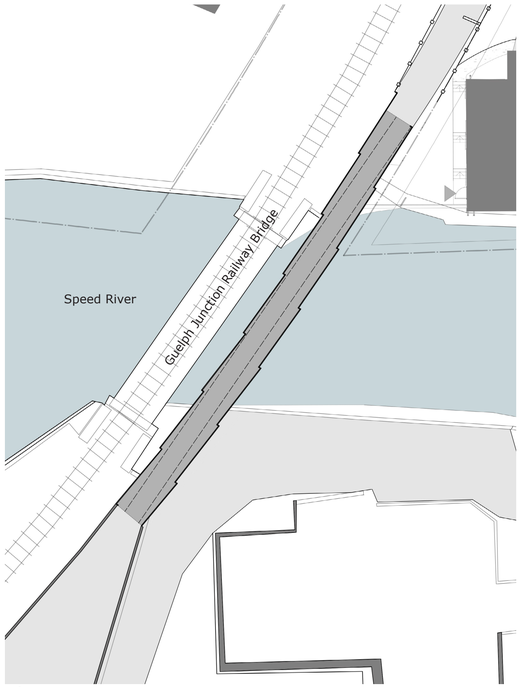
PLANT

Panoramic View from the South

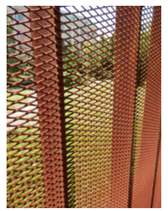


Section Looking East

Interior View Looking East



Plan



Precedents

Features

- Open North and South sides – light railing
- Gradation in pattern to most transparent in centre
- Design integrated into bridge structure
- Curved bridge with straight beams at underside
- Approach railings as "sentinels" for bridge
- Expanded mesh/perforated steel railing

The Ward to Downtown Pedestrian Bridge

Curved Bridge Option 3

CITY OF Guelph Making a Difference

PLANT