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# **Black Creek Bridge Replacement**

Public Information Centre

Presentation by the Niagara Parks Commission

October 29, 2020 7 pm to 8:30 pm



# History of Black Creek Bridge

- Black Creek Bridge is a single span concrete arch bridge.
- Originally constructed circa 1911 and was rehabilitated in 1994.
- The 1994 rehabilitation included, widening of the west arch 4 feet and reinstatement of the original stone headwalls, stone balustrades and railings.
- At the end of its lifecycle and needs to be replaced







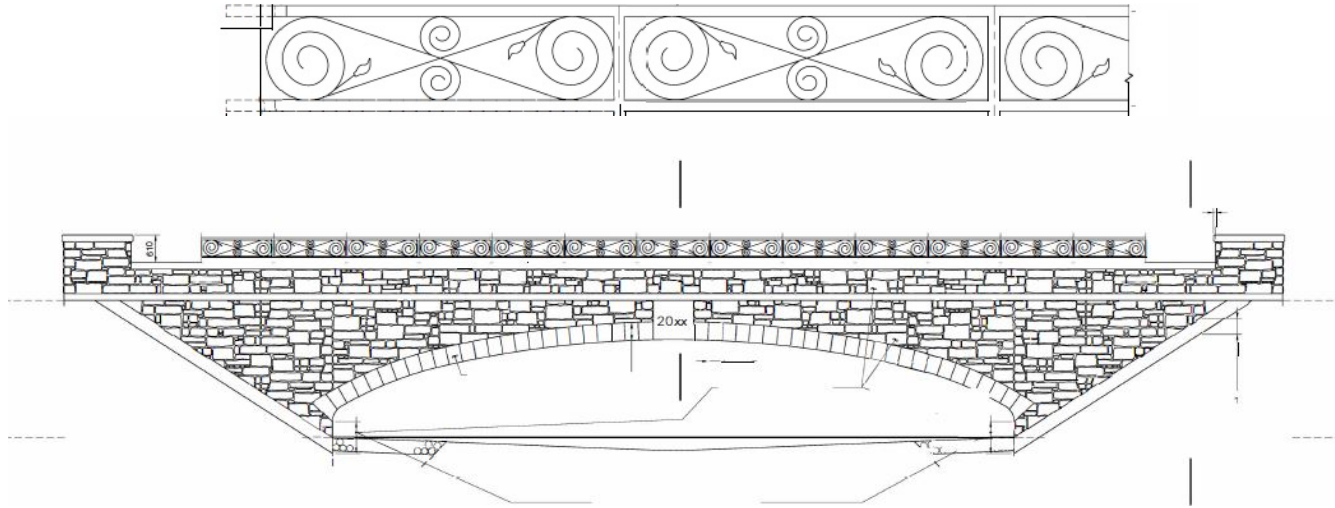






## Standard Design Details

- Pedestrian Crossings
- Adequate Width for Future Bike Lanes
- NPC Scroll Hand Railings
- Stone Fascia
- Cultural Heritage Conservation Requirements





## Resident Inquires for Design Options

- Questions from residents received whether we can increase the bridge height for larger water vessel navigation?
- Staff have completed separate tours with residents to see their concerns firsthand





## Option (A)

- Replace the concrete arch structure at the same location
- Stone fascia and arch bridge design
- Maintain intersection and allow for continued access to Black Creek Road
- Increase width for optional bike lanes
- Increase elevation of the structure of up to 6 inches for water vessel navigation
- Minimal environmental and archaeological impacts by keeping excavation within similar footprint







## Option (B)

- Increase the elevation of the new bridge structure to allow for larger vessels navigation to the Niagara River.
- No access vehicular to Black Creek Rd. from the Parkway due to vehicular sightlines
- Potential impacts on existing driveways north of bridge
- Road realignment north and south of the structure.
- Impacts on Parks Canada funded fish habitat restoration project
- Increased costs
- Potential shoreline erosion concerns from larger vessels







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# Summary

	Option A	Option B
Alignment	Same location as existing bridge	Realignment of bridge and Parkway north & south
Access to Black Creek Road and Driveways	Retained	Reduced sightlines & road access closed
Recreation Trail Alignment	Trail Remains on Bridge	New Separate Bridge for Trail
Heritage Conservation	Required to Address	Required to Address
Elevation of Bridge	Minor Change, Access to River Limited	Increased to Allow Larger Boats to Access River
Shoreline Impact	Minimal Impact, proposed fish habitat project not impacted	Potential Erosion, proposed fish habitat project must be modified



## Questions / Comments

Please submit your questions online in the Questions and Answers Box





## Next Steps Contact Information

**[niagaraparks.com/blackcreek](https://niagaraparks.com/blackcreek)**

Following the session, the recording and presented materials will be posted at [niagaraparks.com/blackcreek](https://niagaraparks.com/blackcreek),

where residents who are unable to attend will have the opportunity to provide written feedback and complete the survey.

**Niagara Parks Guest Services Centre**

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