

Option 1 - Rehabilitation With Vehicular Bridge



Description

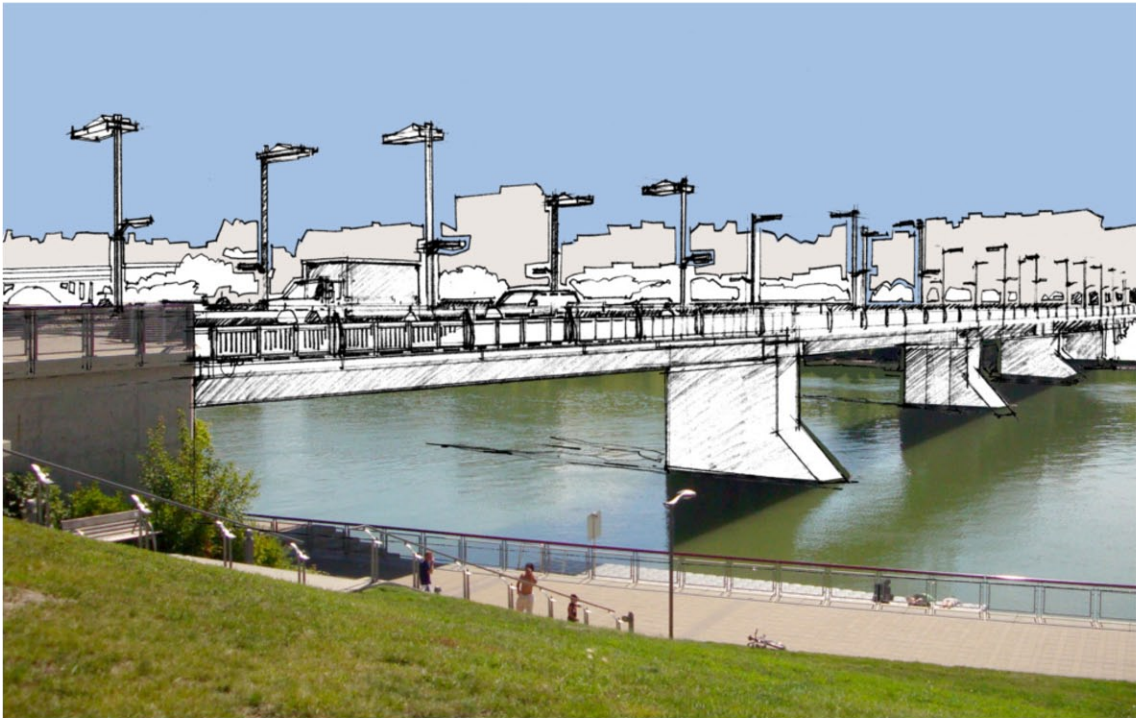
- Complete rehabilitation for vehicle, pedestrian and cyclist use: Maintain the bridge in its existing form and function, providing narrow traffic lanes but replace the existing separate pedestrian walkway on the west side of the bridge with two standard width walkways on both sides.

	PM	AM
Buckwold Bridge:	LOS - C	LOS - C
Broadway Bridge:	LOS - C	LOS - B
Traffic Bridge:	LOS - C	LOS - C

- All heritage aspects of the existing structure are preserved if possible and new elements are constructed in likeness of existing elements.
- Preliminary opinion of probable cost - \$27M



Option 4 - New Conventional Bridge With Vehicular Traffic



Description

- Replace with a conventionally designed structure (girder & deck) for vehicle, pedestrian and cyclist use: A new structure providing two standard width traffic lanes and separate three metre shared walkways on both sides.
- New bridge with full width lanes at the 300,000 population horizon and with the addition of the Circle Drive South Bridge will affect traffic level of service (LOS) in the peak direction on adjacent bridges as follows:

	PM	AM
Buckwold Bridge:	LOS - C	LOS - C
Broadway Bridge:	LOS - C	LOS - C
Traffic Bridge:	LOS - C	LOS - B

- Preliminary opinion of probable cost - \$ 26M



Option 5 - New Truss Bridge With Vehicular Traffic



Description

- Replace with a modern steel truss or similar form to the existing bridge for vehicle, pedestrian and cyclist use: A new structure providing two non-standard width traffic lanes, no shoulders and separate three metre shared walkways on both sides.
- New bridge with full width lanes at the 300,000 population horizon and with the addition of the Circle Drive South Bridge will affect traffic level of service (LOS) in the peak direction on adjacent bridges as follows:

	PM	AM
Buckwold Bridge:	LOS - C	LOS - C
Broadway Bridge:	LOS - C	LOS - C
Traffic Bridge:	LOS - C	LOS - B

- Preliminary opinion of probable cost - \$ 25M



Option 6 - New Signature Bridge With Vehicular Traffic



Description

- Replace with an architecturally significant structure for vehicle, pedestrians and cyclist use, "a modern signature bridge": A new design providing two standard width traffic lanes and three metre shared walkways on both sides.
- New bridge with full width lanes at the 300,000 population horizon and with the addition of the Circle Drive South Bridge will affect traffic level of service (LOS) in the peak direction on adjacent bridges as follows:

	PM	AM
Buckwold Bridge:	LOS - C	LOS - C
Broadway Bridge:	LOS - C	LOS - C
Traffic Bridge:	LOS - C	LOS - B

- Preliminary opinion of probable cost - \$ 60M

