

# Option 5 - New Modern Steel Truss Bridge



ARTIST RENDERING

## Description

- Replace existing structure with a modern steel truss of similar form to the existing bridge for vehicle, pedestrian and cyclist use: The structure could be designed for wider lane widths to accommodate traffic and would provide 3.0m walkways on each side. Bridge finish will consist of weathering steel with solid members on existing piers.
- 80 year design life
- How wide could it go? Widths suggested from last open house.

Options	Traffic Lane	Pedestrian / Cyclist	Shoulder / Cyclist	Capital Cost
5A	3.3m	3.0m	-	\$25M - \$33M
5B	3.7m	3.0m	-	\$27M - \$34M
5C	3.7m	3.0m	1.5m	\$29M - \$37M

- Annualized 80 year Operating Costs in 2010 dollars = **\$15,000 / \$18,000 / \$20,000**  
(Operating Costs for the 80 year design life include: deck maintenance, asphalt maintenance)
- Time to construct: 18 - 24 months



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3.3m Traffic Lanes shown