

## QUESNELL BRIDGE – EDMONTON – CANADA

The Quesnell Bridge is a girder bridge that spans the North Saskatchewan River and is the busiest bridge in Edmonton. It carries approximately 120.000 vehicles per day which equates to approximately 10.000 vehicles per hour during morning and afternoon peak periods.

It also carries 4.000 to 5.000 pedestrian and cyclist trips per week.

In 2010 the first major rehabilitation of the bridge took place since it was built in 1967.

Rehabilitation with **ZINGA** will extend the life of the Quesnell Bridge by up to 50 years.

This widening of the bridge was carried out by 'Concretec USL'. The **ZINGA** was applied by the contractor 'Waiward Steel', which has its base in Edmonton.



**ZINGA** was used on the beams that support the lateral extension of the bridge and the handrails on top of the bridge.



System:

Surface preparation:

Blasting to SA 2,5 and Rz 50-70 µm

System: ZINGA 2 x 60 µm DFT