



## WATERWAY PERMIT

**PERMIT NO:** 147/2007

Under and by virtue of the powers vested in it under the provisions of The City of Winnipeg Charter Act, The City of Winnipeg hereby authorizes (subject to the conditions hereinafter specified):

**APPLICANT:** Stantec Consulting Ltd.  
905 Waverley Street  
Winnipeg, Manitoba  
R3T 5P4  
(on behalf of City of Winnipeg, Public Works Department, 106-1155 Pacific Avenue, Winnipeg, Manitoba R3E 3P1)

to undertake work on the following described lands, contained within the regulated area of The City of Winnipeg Waterway By-law namely:

**LEGAL DESCRIPTION:** Lot 12/13, Plan 20414

**MUNICIPAL LOCATION:** and commonly known as:  
Bunn's Creek Bridge Crossing at 330/334 Bonner Avenue

**SUBJECT:** the following work namely:

1. Demolish vehicular bridge and construct a 10 metre long clear span, two (2) lane, concrete bridge, on the same alignment, over Bunn's Creek.

The proposed bridge will include a cast-in-place concrete deck with concrete abutments all supported on driven steel H-piles.

2. Deposit approximately 64 cubic metres of rockfill riprap to a depth of approximately 500 mm as an erosion control blanket along both sides of the creek bank adjacent proposed bridge. Riprap to be subcut into the creekbank and extend approximately 10 metres upstream and downstream of the bridge.
3. Construct a 4 metre wide temporary construction access roadway a long, in part, an existing granular pathway from Delbrook Crescent to the south side of the bridge crossing. Works include minor earthworks including accommodation of an 8 metre wide passing lane.

All of the above as per plans/correspondence submitted and date stamped October 3, 2007 and November 22, 2007.

Engineer's report by AMEC Earth & Environmental Limited, "Geotechnical Investigation, Proposed Bridge Replacement, Bunn's Creek Crossing, Bonner Avenue, Winnipeg, Manitoba," dated September 11, 2007 including supplemental correspondence dated October 31, 2007 submitted in support of application.

### CONDITIONS:

1. Subject to the Engineer's report by AMEC Earth & Environmental Limited, "Geotechnical Investigation, Proposed Bridge Replacement, Bunn's Creek Crossing, Bonner Avenue, Winnipeg, Manitoba," dated September 11, 2007, including supplemental correspondence dated October 31, 2007 and, in particular,
  - a. Storage or stockpiling of materials or construction supplies is not permitted within 25 metres of the creek bank.
  - b. Positive drainage is to be maintained during all phases of construction. Any open excavations are not to be allowed to retain water.
2. Creek flows are to be maintained during all phases of construction.
3. The Contractor's proposed construction schedule and methodology including temporary provisions to maintain creek hydraulics during construction is to be reviewed by the Contract Administrator and a report in support of same is to be submitted to the satisfaction of Waterways prior to the initiation of any works.

4. Erosion and sediment control measures such as erosion control blankets and silt fences are to be in place over the duration of construction and thereafter as directed by the Contract Administrator.
5. Any area damaged as a result of access or construction activity is to be restored to a condition, a minimum, equivalent to that which existed prior to construction.

**EXPIRATION:**

This permit shall expire and the right of the owner under the permit shall terminate if the work authorized by the permit is not commenced within one (1) year from the date of issuance of the permit and reasonably continued without interruption thereafter.

**IMPORTANT  
NOTICE:**

The permit holder is reminded that this permit is issued in pursuance of The City of Winnipeg Waterway By-law only, and does not constitute authority for any particular use of the land designated therein which may be within the regulatory powers of the Government of Canada, the Government of Manitoba, or The City of Winnipeg within which the land is situate.

Dated in The City of Winnipeg, in the Province of Manitoba this 23<sup>rd</sup> day of November, 2007 A.D.

Estimated Cost:	\$500,000.00
Permit Fee:	\$1,544.00
Receipt Number:	96427



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Designated Employee, The City of Winnipeg