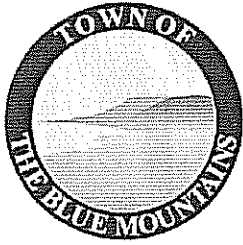


STAFF REPORT: RECREATION



REPORT TO: Infrastructure and Recreation Committee
MEETING DATE: September 14, 2010
REPORT NO.: DOR.10.059
SUBJECT: C Dock Preapproval
PREPARED BY: Ryan Gibbons, Harbour Manager

A. Recommendations

THAT Council accepts Staff Report DOR.10.059 "C Dock Preapproval" and does hereby grant pre-approval in the 2011 municipal budget process for the replacement of "C" Dock in Thornbury Harbour, as per approved report number HAR.07.38, Harbour Financing Strategy.

THAT Council approve one of the two following options for dock replacement:

1. Replacement of C Dock with painted steel frame providing a 20-25 year dock following 2010 project guidelines at a cost of \$34.11 per square foot, 3830 square feet \$130,641.30.
2. Replacement of C Dock with Galvanized steel frame, extending the life of the steel frame to a 50+ year dock at a cost of \$36.72 per square foot, 3830 square feet \$140,637.60.

AND THAT Council Authorize the Clerk and Mayor to execute the agreement with T&W Enterprises.

FURTHER THAT the overall cost of the project does not to exceed \$140,637.60.

B. Background

In 2003 the Harbour began a dock "re-floating" program. The purpose of this program was to extend the life of the docks. This extension would last 5 - 10 yrs at most. The harbour is now completely replacing the docks with steel framed docks.

This is a capital project which is phased out over a nine year period. H dock was replaced in 2007, E dock was replaced in 2008, F dock in 2009, and B dock in 2010. C dock is proposed to be replaced in 2011 as per the "Harbour Financing Strategy", report number: HAR.07.38.

The service years for docks are as follows, (the variances depend on the environment) wooden frame – 10-15 yrs., painted steel frame 20-25 yrs., steel galvanized frame 50+ yrs.

This is the third year of a three year contract with T&W Enterprises. In 2012 the market will be re-assessed and if deemed appropriate by staff there will be negotiations for an extension of the contract.

C. The Blue Mountains' Strategic Plan

Addressing the Town's municipal infrastructure needs.

Supporting the development of social and recreational programs to meet the broad range of needs in the community.

Ensuring long-term financial sustainability.

D. Environmental Impacts

With the replacement of docks we are having the new docks built to float all framing and decking material out of the water, only leaving the floatation partially submerged. This removes pressure treated lumber from the fish habitat and should provide a healthier environment for fish and other wildlife.

Within the contracts for the dock replacements we provide our environmental code of ethics as well as environmental awareness conditions that must be agreed to prior to the commencement of the projects.

E. Budget Impact

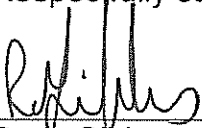
\$40,000 Grant from Department of Fisheries and Oceans Canada
\$100,637.60 from Harbour User Fees
\$140,637.60

Total estimated budget based on 2010 Projected Capital Project Form: \$144,900.00

F. Attachments

Galvanizing information document

Respectfully submitted,



Ryan Gibbons Harbour Manager



Shawn Everitt, Director of Recreation

For more information, please contact:
Ryan Gibbons
rgibbons@thebluemountains.ca
519-599-6317

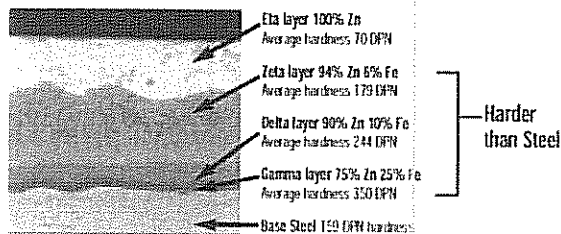
ZINC FOR THE LONG HAUL



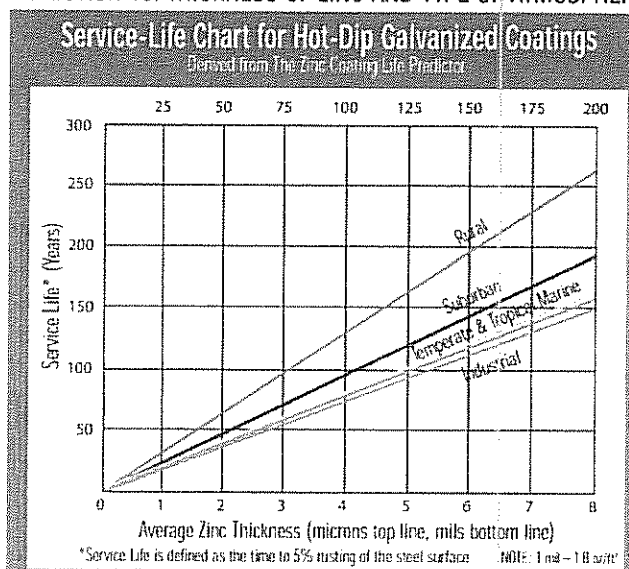
On the long road ahead -
Galvanizing Goes the Distance

THE RESULTS

PHOTOMICROGRAPH OF GALVANIZED COATING (colourized to show detail)



LIFE OF PROTECTION VS. THICKNESS OF ZINC AND TYPE OF ATMOSPHERE



MAINTENANCE FREE DURABILITY

Hot dip galvanizing has proven itself as a protective coating that stands the test of time. In today's environment, galvanizing is the preferred choice for exceptional maintenance-free service life. Zinc continues to prove itself on the long haul by demonstrating that galvanizing is an effective, economical means of achieving long-term corrosion protection. Specify hot dip galvanizing to beat corrosion for the long haul!

COURT

GALVANIZING LTD.

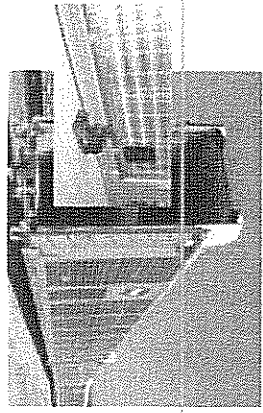
225 Thompson Drive, Cambridge, Ontario N1T 2B9
 Toll Free: 1-800-265-9390 Telephone: 519-624-5544

KETTLE SIZE: 55 ft. x 8 ft. x 11.5 ft. deep

Count on The Strength & Dependability of Hot Dip Galvanizing ...on the rails...over the road...recreation, utility...under body...

Hot dip galvanized coatings are specifically designed to withstand the corrosive environments encountered on our nations transportation routes.

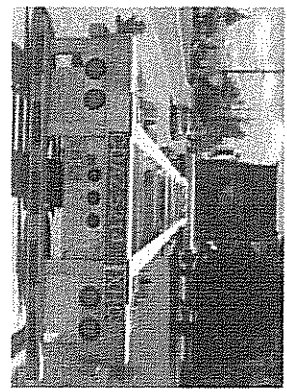
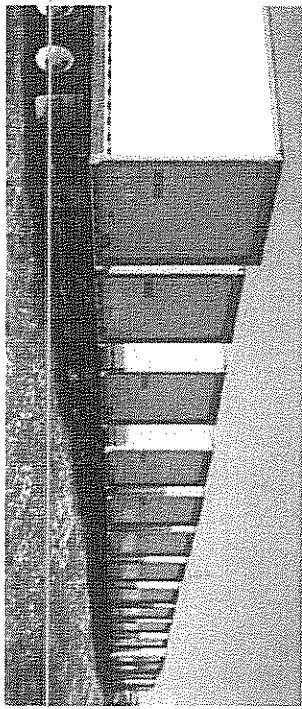
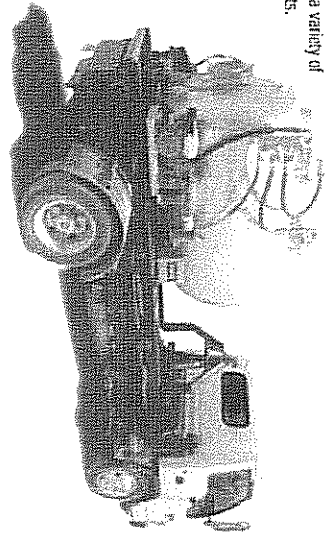
Rail car manufacturers and refurbishers specify hot dip galvanizing to lengthen car life and eliminate maintenance costs. Check systems using hot dip galvanized grating minimize vehicle damage during transportation.



Sand and gravel haulers find galvanized coated trailers cost effective because they can resist the abrasive nature of the products that are transported.

Traditionally, the marine environment has presented one of the harshest conditions for steel structures. In combat these hostile conditions, the boat trailer and ocean going cargo industries utilize hot dip galvanizing to insure long life and low maintenance on their vehicles, loading and storage equipment.

Hot dip galvanized tanks are ideal for use by septic waste haulers, for water transport, and for transport of a variety of farm products.



Owners, designers and engineers are opting to use hot dip galvanizing in critical structural support members on intermodal and over the road vans. Structural integrity of cross sills, rear walls and corner covers is greatly enhanced by the rugged zinc coating. Other parts getting constant use - lock rods, handles and hinges - are also hot dip galvanized.

Complete trailers up to 53 ft. are now being hot dip galvanized in our kettle at Cairn Galvanizing. This kettle is large enough to immerse the entire trailer in molten zinc for complete protection beyond compare.

For these industries and many others, galvanized steel offers a low cost - high performance solution which increases the integrity and life of critical operational components.

