

PROJECT PROFILE



The City of St. Catherines was awarded federal funding allocated to infrastructure upgrades in the Port Dalhousie Lakeside Park and Jaycee Gardens surrounding the Welland Canal. One component of the project was fabrication and installation of a 10 part pedestrian bridge spanning Martindale Pond overlooking the Henley Rowing Course. Rankin Construction was awarded the project and commenced preparation of eight required piers during the dead of winter ahead of the bridge installation in the spring of 2011. The piers were driven 50 feet below the pond bed. Resource Industrial Group Inc. and Parkland Bridges was given a short window to fabricate and deliver nine 30.5m x 3.0m bridge sections, each section weighing 33,000 lbs. The bridge system included a vertical picket railing system with 1.9 od pedestrian hand railing.

The 3 meter wide deck was clad in pressure treated 2 x 6 jack pine which was treated to ensure fish and water fauna were well protected. In allowing for the unpredictable spring weather, RIG completed the fabrication of these bridges ahead of schedule to accommodate last minute schedule changes by our customer. Each of the nine spans were delivered precisely when the customers deemed the weather suitable for installation. Finally, the exposed environment required the entire structure be sandblasted, primed and painted for weatherproofing and this bridge now provides access between the two parks as well as serving as a viewing platform for the Henley Rowing Course.

CUSTOMER

Rankin Construction

PROJECT

Jaycee Gardens, Martindale Pond

LOCATION

St. Catherines, Ontario

