



# SAINT JOHN HARBOUR BRIDGE REHABILITATION COMPLETION CONTRACT

**LOCATION:** SAINT JOHN, NEW BRUNSWICK



**CONSTRUCTION:** THE FINAL PHASE CONSISTED OF EAST BOUND LANE REHABILITATION OF 1.3KM BRIDGE STRUCTURE. THE SCOPE OF WORK INCLUDED REMOVAL AND REPLACEMENT OF 6" OF CONCRETE DECK (FULL DEPTH AT THE 36 DECK JOINTS), REMOVAL AND REPLACEMENT OF EDGE BARRIER, REMOVAL OF MEDIAN BARRIER. REMOVAL AND REPLACEMENT OF STEEL COMPONENTS ON THE STEEL MAIN SPAN. A DEBRIS CURTAIN WAS HUNG FROM ONE END OF THE BRIDGE TO THE OTHER SEPARATING THE WORK FROM TRAFFIC AND



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WORK WAS CARRIED OUT SYSTEMATICALLY, ENCOMPASING MOST MAJOR TASKS AT THE SAME TIME AT DIFFERENT AREAS OF THE BRIDGE. 8 DIFFERENT TRADES WORKED FROM BOTH ENDS OF THE BRIDGE TO MEET IN THE CENTER, TWICE. COMPLETING THE WORK IN HALF OF THE WIDTH OF THE WORK ZONE EACH TIME TO ALLOW FOR A CLEAR ACCESS AND CONTINUOUS MOVEMENT OF MATERIALS AND EQUIPMENT ACROSS THE STRUCTURE.



**OWNER:** NEW BRUNSWICK DEPARTMENT OF TRASPORATION AND INFRASTRUCTURE

**ENGINEER:** BUCKLAND AND TAYLOR

**TRADES:** DEMOLITION, SAWCUTTING, COLD MILLING, HYDRO-DEMOLITION, ASBESTOS REMEDIATION, WELDING, REBAR INSTALLATION, CONCRETE PLACEMENT, FORMWORK, JOINT PLACEMENT, AND ASPHALT

**JOB REFEREANCE:** T2010-01

**DATE:** MARCH TO NOVEMBER 2013



**UNIQUENESS:** WORKFORCE OF 150+ LABOURERS AND TRADESMEN