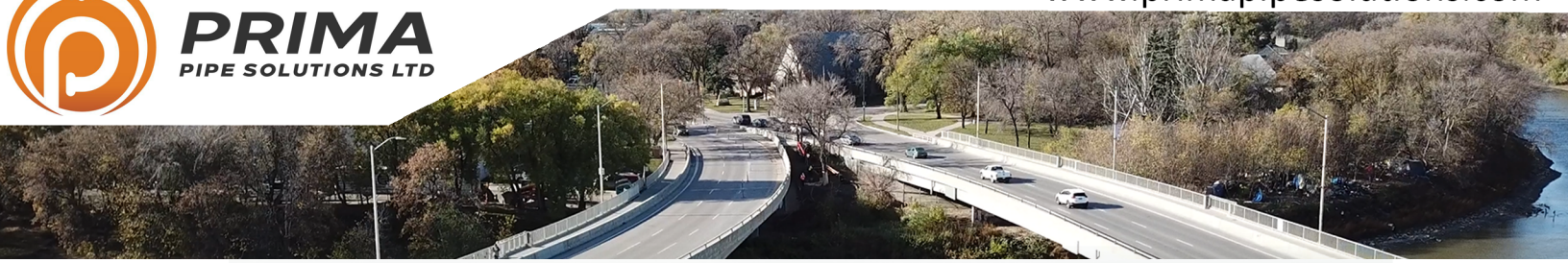
PRIMA
PIPE SOLUTIONS LTD



City of Winnipeg MB Maryland River Crossing Rehabilitation








Technical Details:

Project Requirements: Rehabilitation of existing potable water main river crossing with a flexible reinforced (FFRP) liner.
Project Length: 173 meters of river crossing pipe.
Host Pipe: DN250 welded steel and pipe joint.
Material Used: Primus Line DN250W Kevlar spoolable Pipe.
Connectors Used: 2 x multi joint connectors on host pipe followed by 1 Low Pressure Primus Connector and 1 Medium Pressure Connector.
Multiple Bends: 2 x 45, 42, 22, 11, 6 degree bends.
Execution Date: October 2021
Installation Duration: 2 days liner and connector installation. 12 days, start to finish of rehab.
Advantages of Primus Line: No Directional Drilling Required, Speed of Deployment, Increased Operating Pressure, Low Environmental Impact, Environmentally safe, 50+ years life span. COST SAVINGS!

The Need:

With a compromised host potable water main, other relining methods were not suitable for this application. Fluid from the river was entering the system at 3 locations and unfortunately could not be fully dewatered. To meet the requirements of operating pressures and the ability to slipline the entire section, Primusline was the right fit for the job. A cost effective method that allowed the line to be put back into service and no longer be challenged by a 70 year old system.

PRIMUS LINE
The prime solution for pipes.