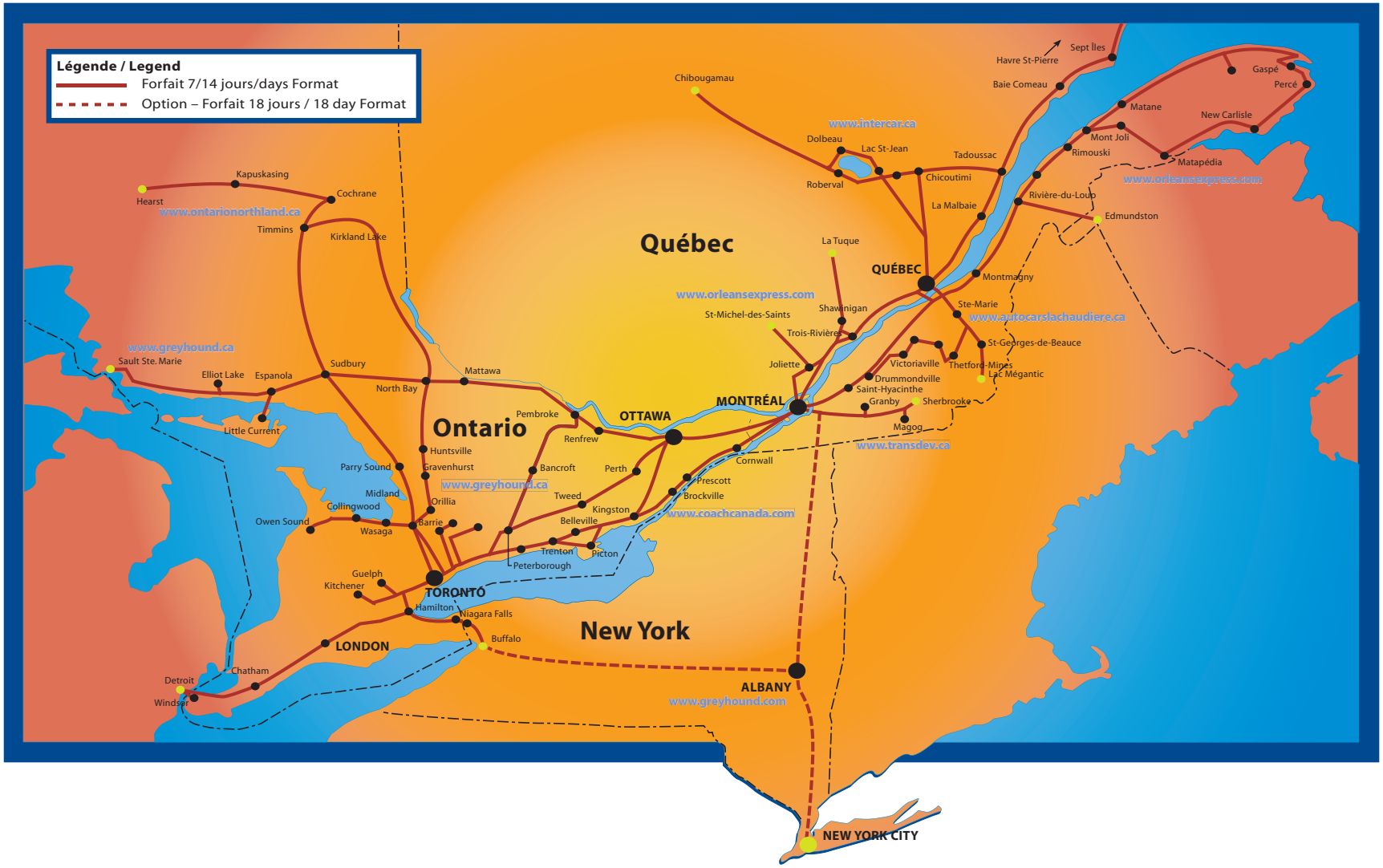Circuit Rout-Pass Network