

**ITS Project/Program Award**  
*Medium and Smaller Municipal Areas or Rural Application*  
*Category:*

**City of Winnipeg First TMC**  
**City of Winnipeg**

5 years ago, 30% of Winnipeg's signalized intersections were controlled by electromechanical controllers and any connected signals relied upon one-way underground pulse-bases tie-lines. Until the implementation of the TMC, there was limited ability, if any, to actively and proactively manage traffic in Winnipeg. The TMC project was initially proposed with a 3 year delivery timeframe, but due to political requirements was further compressed to 2 years. Almost all of the work around this project was done in-house with only a few civil engineers and technologists. The TMC leverages innovative and cutting edge technology, new partnerships and real-time traffic information to improve the city services and optimize traffic flow in Winnipeg. This system can be controlled from anywhere in the world.