

**Association of Consulting Engineering
Companies, Manitoba
Award of Excellence - Southwest Rapid Transit
Corridor Tunnel**

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*Standing (L to R): Sital Rihal, Dave Krahn, Bill Menzies (City Transit)
Seated (L to R): Randy Fingas (City Transit), Tracey Kucheravy*

Based on Dillon's preliminary and final design, funding was secured and construction of Stage 1 of the Southwest Rapid Transit Corridor commenced in 2008. The greatest challenge of this multi-disciplinary project was designing a tunnel structure to cross under seven CN railway tracks with minimal impact to rail operations, working within stringent property constraints and minimizing the construction schedule to two years. The result of this design was the construction of a 200 m long cast-in-place concrete tunnel including an additional 150 m of retaining walls, complicated by three phases of railway detours and two stages of tunnel construction.