Going the Extra Mile for Safety

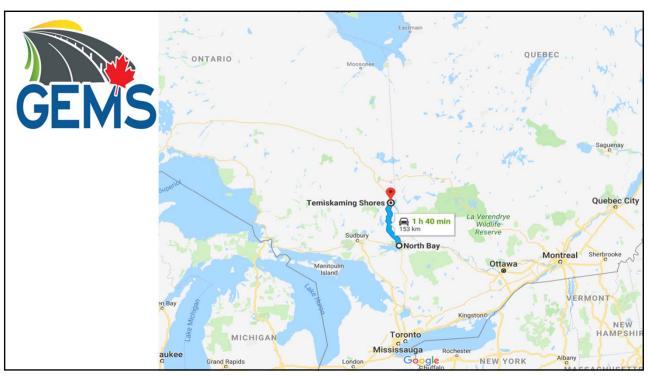


2+1 Roads

Swedish Innovation Northern Ontario Solution

Summary of research trip to Sweden and Ireland

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Vision Zero

Innovative Road Safety Program in Sweden
"In every situation that a
person might fail, the road
system should not"

3

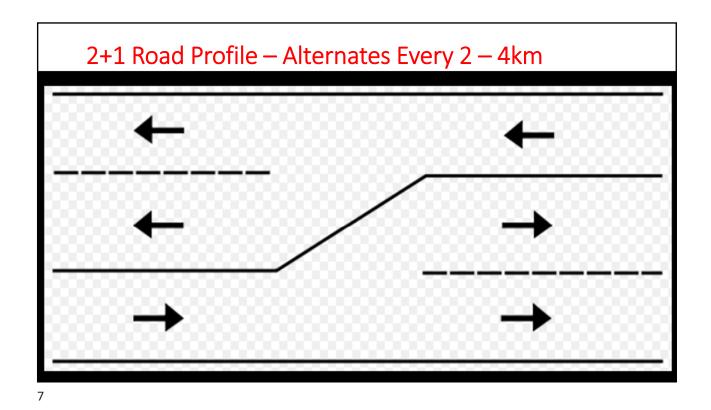
Vision Zero Results

Location	Road related fatalities per 100,000 population
SWEDEN	2.5
Southern Ontario	3.6
Canada	5.2
Northern Ontario	8.0

Sweden 2017 Canada 2016 Ontario 2014







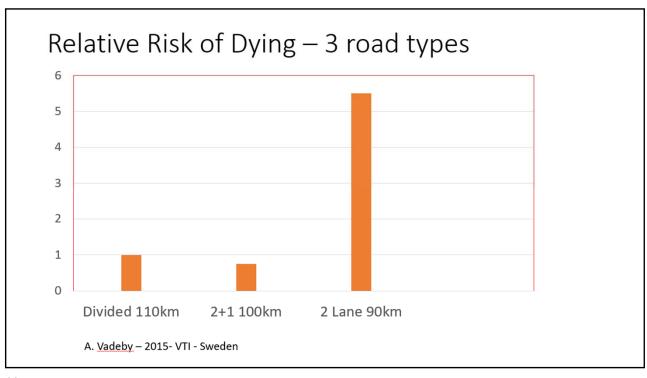




2+1 Road Safety Results Carllsson - 2009

Reduction in Fatalities	79%
Reduction in Motorcycle fatalities	40-50%

Carlleson 2000



Alternative to Twinning

70% -75% lower cost to build than divided highways

Volumes-2,000 to 20,000 AADT





Benefits of 2+1

Built on existing road bed

Does not by-pass rural towns and villages Safety record equal to divided highways Financially responsible way to build safe roads

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