

## Appendix E

## EMISSIONS

Emissions are primarily related to the amount of vehicle kilometers traveled (VKT). Although vehicle trips decline moving from the Do Minimum Option to the preferred and high-high-high options, VKT increases slightly. Main reasons for this are:

- Investment in travel demand management initiatives, which specifically target shifting shorter distance car trips to public transport, walking and cycling.
- Longer average vehicle trips due to higher vehicle speeds. The combined effects of significantly more investment in roading, public transport and travel demand management, result in higher speeds, which allows people to travel further in the same time period.

Figure E.1 shows vehicle trips and vehicle kilometers and Figure E.2 shows vehicle speeds and vehicle trip distances.

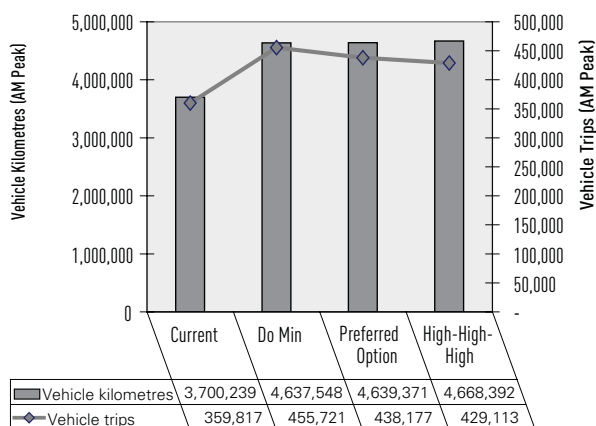


Figure E.1: Vehicle trips and Vehicle Kilometres, AM Peak

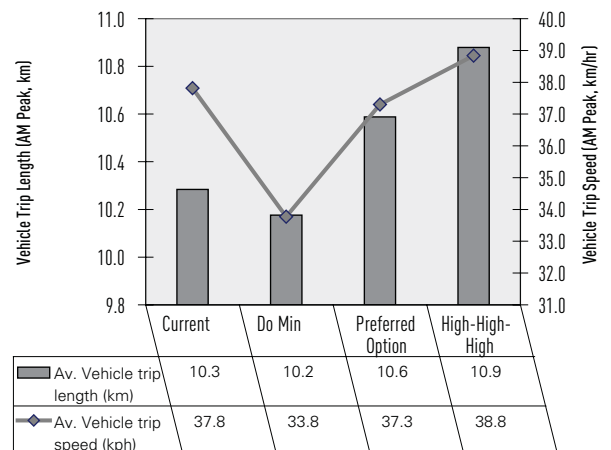


Figure E.2: Vehicle speeds and travel distances, AM Peak

