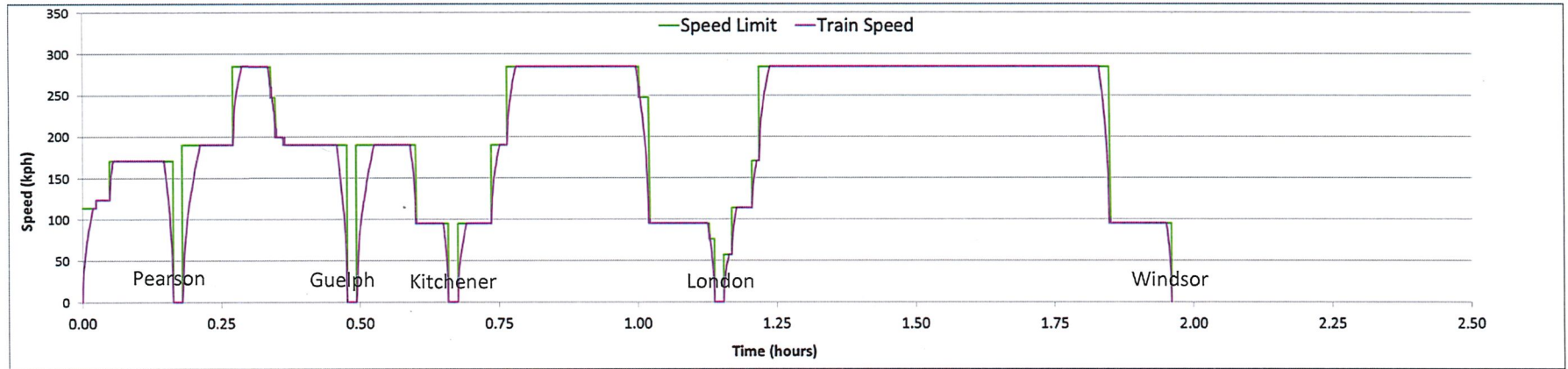


Figure 3.2: Scenario A Speed / Time Graph



3.22 The route uses a shorter section of GO Transit infrastructure from leaving Toronto, the speed limit rises to 200 kph, the speed limits are then limited by track geometry, with only a short section of 300 kph operation between Pearson and Guelph. On leaving Kitchener the speed limit rise to the maximum speed of 300kph. Speed limits are also imposed on entering each city to help mitigate noise from the trains and to allow for the potential interaction of the alignment with the existing rail corridor (requirements for overpasses, curvature, no direct interaction is assumed).