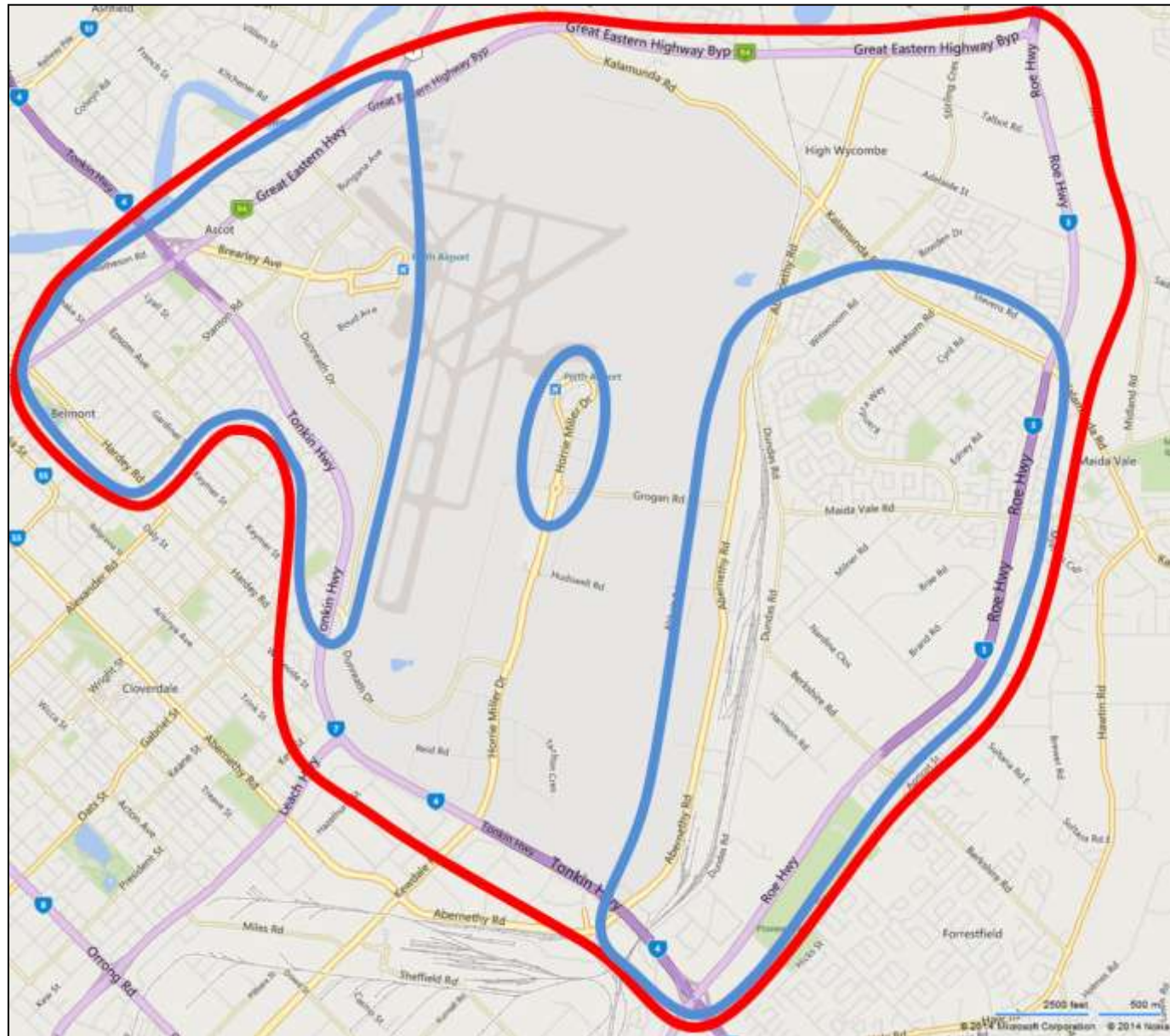




Forrestfield Airport Link

Transport Modelling Introduction
DA6 Community Reference
Group Meeting
15 January 2015

Study Area



Study Area



Methodology and Inputs



1. 2014 Base Model Year Build

- Collect traffic counts, travel times, bus schedules, signal data, and site observations
- Build the model network
- Input distribution data from the Main Roads WA ROM model
- Code in collected data and develop origin/ destination demands
- Calibrate and validate the model for the AM and PM periods

2. Initial Option Year Testing

- 2017, 2021, and 2031 future model years
- Developed by applying future year growth factors from the Main Roads WA ROM model to the existing traffic demand
- Wider network changes coded in, i.e.: Gateway WA.
- Initial testing of the construction changes within the road network
- Initial testing of the performance of the road network with the commissioned stations in operation

3. Update of the Main Roads WA ROM model with the latest land use information and subsequent update of the FAL model

