

# ATTACHMENT 3

## 2041 demand on 2041 network

This traffic modelling image displays the number of vehicles per day (two way over 24hrs) that are estimated to be using the Mooloolaba road network in 2041. The 2041 road network includes upgrades to the River Esplanade/Hancock Street intersection and Brisbane Road Corridor including the Naroo Ct extension. The model scenario shows that traffic volumes continue to increase on the Brisbane Road and along Hancock Street. The black labels on each road identify the two way volume of vehicles per day. The image shows the Level of service (LOS) of roads as a ratio of forecast 2041 vehicle travel speed to the posted speed limit. This image shows the Mooloolaba road network operates at an acceptable level of service after the proposed upgrades are constructed. All streets operate at a LOS C or better. Also shown in the image is the average delay at the intersection which is denoted by the red circles. The size of the circle is proportionate to the average delay time expected.

