



Waikato Regional Transport Model

RPS Future Model Update from
3V1010 to 3V1101

Technical Note No. 32

March 2014

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to 3V1101

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Quality Assurance Statement

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1. Introduction

This note documents the do-minimum roading works to be included in the future WRTM Version 101 models, as agreed with LASS. All of the household, job, employee, vehicle and external growth has been adopted from Technical Notes 18 and 22.

Technical Note 18 documented the process for calculating category model variables in the 2021 and 2041 WRTM future land use files, and Technical Note 22 documented the upgrade to RPS future land use. All of the same components are applied to the new 2013 base model.

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2. 2021 Do Minimum Projects

The following projects have been included in the Do Minimum options of the future networks. The location of these works are marked on the network diagram in **Figure 1** and **Figure 2**.

- A. Avalon Drive Bypass
- B. Church to Avalon Drive
- C. Waikato Expressway 4 lane (pictured in green)
- D. Mangatawhiri Township Deviation
- E. Piarere-Oak Tree Bend Realign
- F. Kopu Bridge Replacement (SH25)
- G. Tararu Stream Bridge Replacement
- H. Te Puru Stream Bridge Replacement
- I. Tahuna Road Roundabout
- J. Harbour Link
- K. Pyes Pa Bypass
- L. Fairy Springs 4L Stage 2
- M. Mangorewa Stream North & South Bridge Widening
- N. Mill Street Intersection Upgrade
- O. East Taupo Arterial
- P. Malfroy/Randolf Roundabout
- Q. Foreman to Crawford Link
- R. Cobham/ E1 2 Lane Roundabout
- S. Normandy/ Bader Signals
- T. Wairere Drive 4 Lane from Pukete to River with Signals at Pukete
- U. Wairere Drive Extension 2 Lane from Hukanui to Crosby with Wairere/ Crosby/ Gordonton 2 Lane Roundabout
- V. Onion Road Extension
- W. Wairere Extension 2 Lane from Crosby to Cobham
- X. Wairere Extension Signals at Powells, East, Clyde, Naylor, Ruakura
- Y. Wairere Extension 2 Lane Roundabout at Fifth
- Z. Ruakura 4 Lane Peachgrove to Wairere Extension
- AA. Rototuna Structure Plan Rooding with Resolution Drive Extension to Expressway

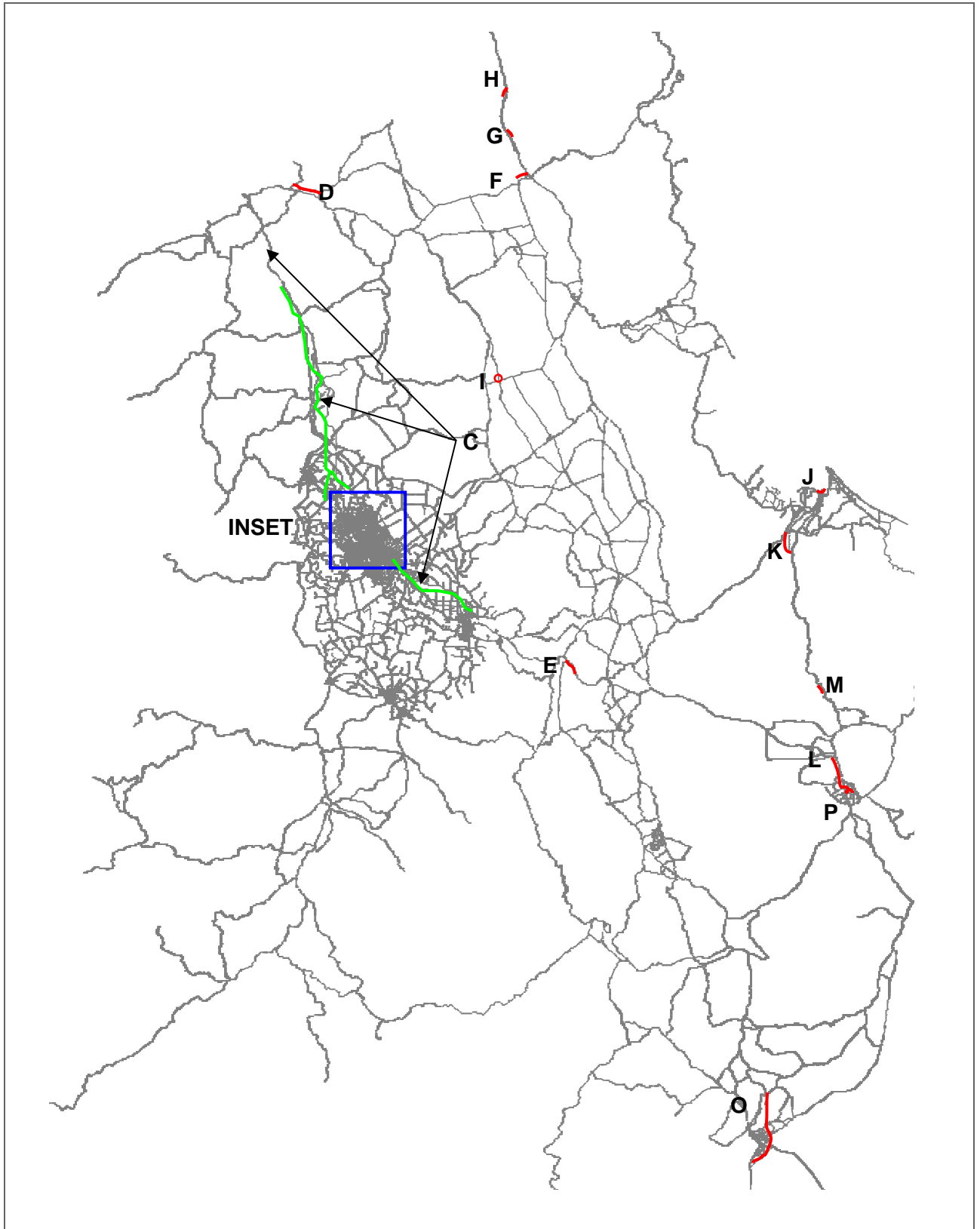
Note that G, H and M are essentially upgrades to existing corridors, which do not add significant capacity. As such they have not been coded in the model but have been noted here for completeness.

3. 2041 Do Minimum Projects

The following projects have been included in the Do Minimum options of the future networks. The location of these works are marked on the network diagram in **Figure 1** and **Figure 2** below.

- BB. Peacocke North-South Arterial/East-West Arterial 2 Lane Roundabout
- CC. Cobham/Peacocke Link Signal With Southbound Ramp
- DD. Ohaupo/Dixon/Peacocke Link 2 Lane Roundabout
- EE. Cobham/Peacocke Link 2 Lane
- FF. Cambridge/E1/ Peacocke Link 2 Lane
- GG. Peacocke North-South Arterial/Cobham Link/E1 Link 2 Lane Roundabout
- HH. Peacocke North-South Arterial 2 Lane
- II. Peacocke East-West Arterial 2 Lane and Structure Plan Roding
- JJ. Rotokauri Structure Plan Roding

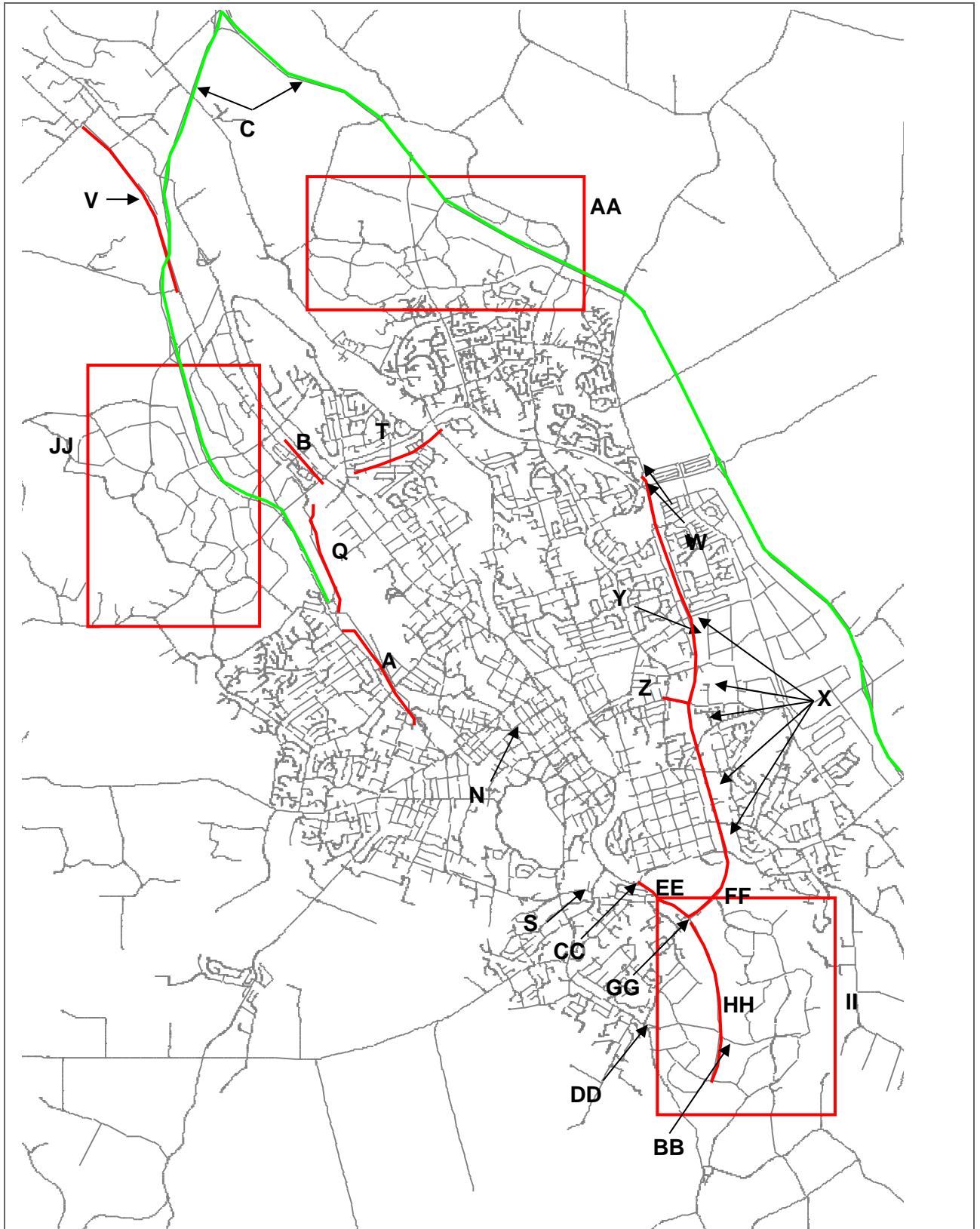
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Do Minimum Works



1



Do Minimum Works Inset



2