West Winch Housing Access Road

Transport Assessment TA: Appendix 7

Author: WSP

Document Reference: NCC/4.01.07

Version Number: 002

Date: December 2023

Contents

Figures

1 Traffic Flow Diagrams

1.1.1 This appendix contains a series of traffic flow diagrams which show the model outputs in diagrammatic form with traffic flows assigned to the links on a schematic network diagram. The modelled links cover A10 through West Winch, Hardwick Interchange, A47 Constitution Hill and side roads that currently exist in West Winch.

1.1.2 For Scenario P (Do minimum) the existing network is considered, with a new roundabout on A10 for access to the 300 dwellings non-dependant development. For Scenario S (Do Something 1) the Proposed Scheme is added without extra housing and for Scenario R the additional development in the West Winch Growth Area. Up to 3700 homes beyond the 300 non-dependent dwellings are assumed to be in place by 2042. Internal housing development links are added for the 2037 and 2042 forecast years. Results are shown for the modelled AM peak hour and PM peak hours.

Figure 1-1 - 2027 Do Minimum (Scenario P) AM Peak

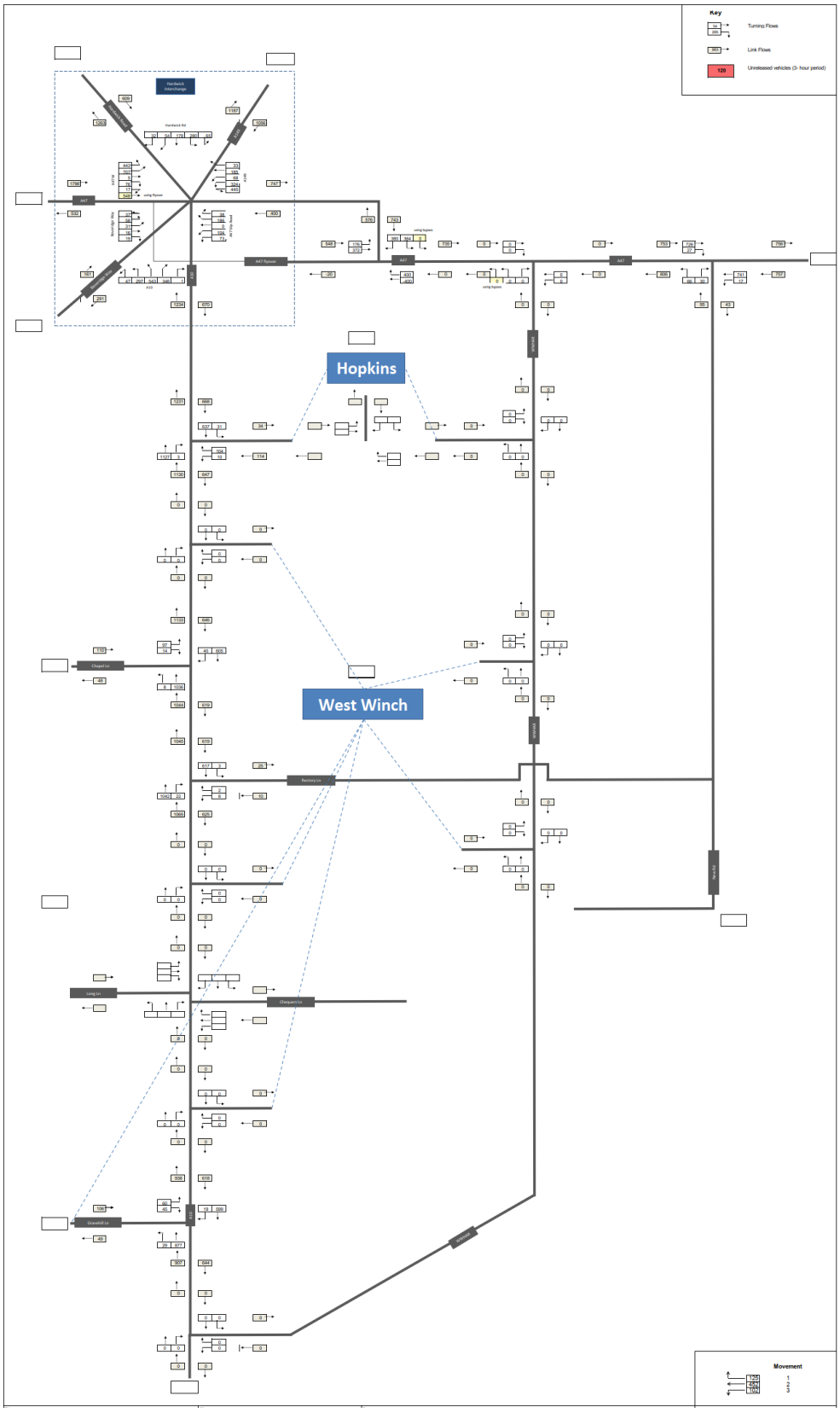

Figure 1-2 – 2027 Do Minimum (Scenario P) PM Peak

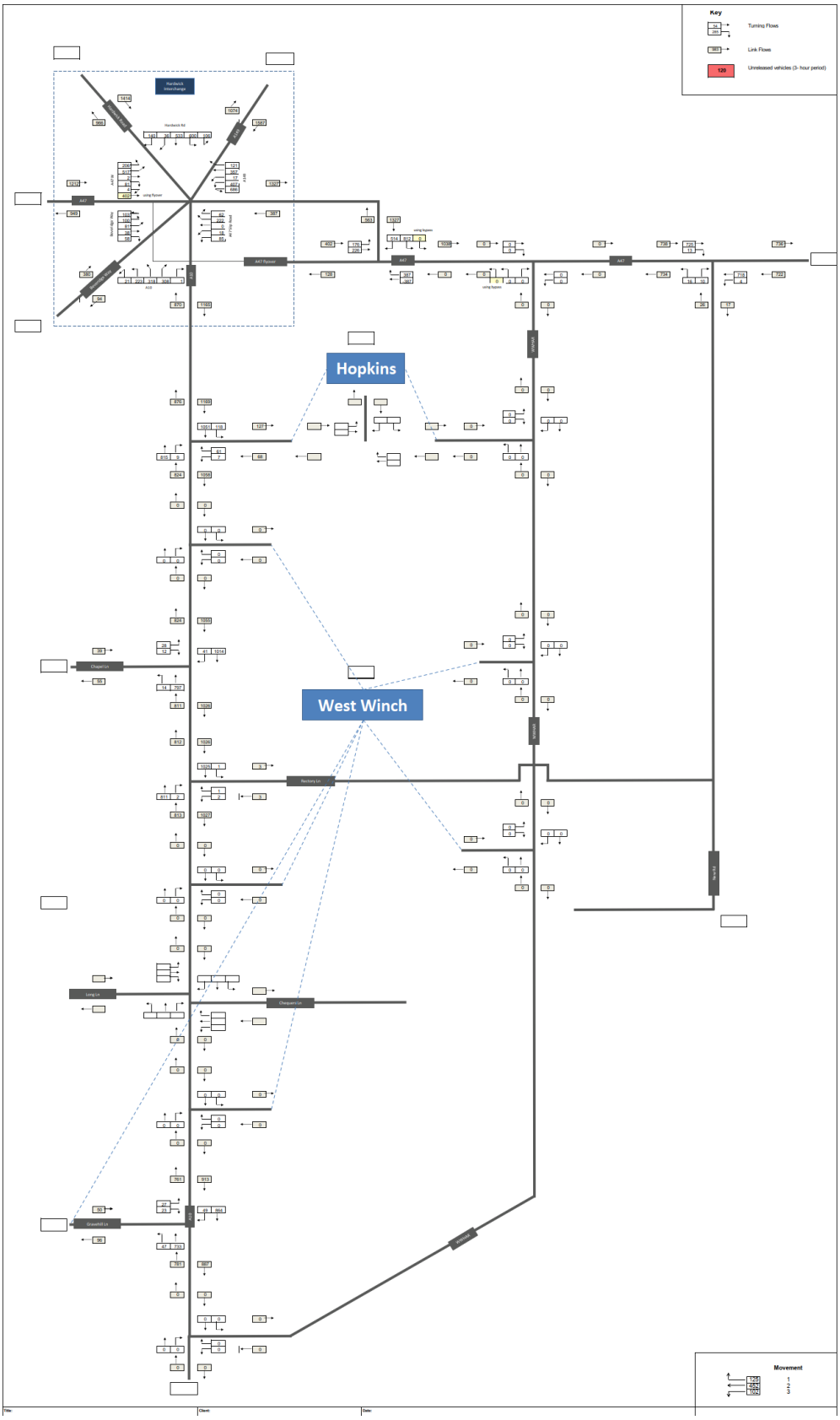

Figure 1-3 – 2027 Do Something 1 (Scenario S) AM Peak

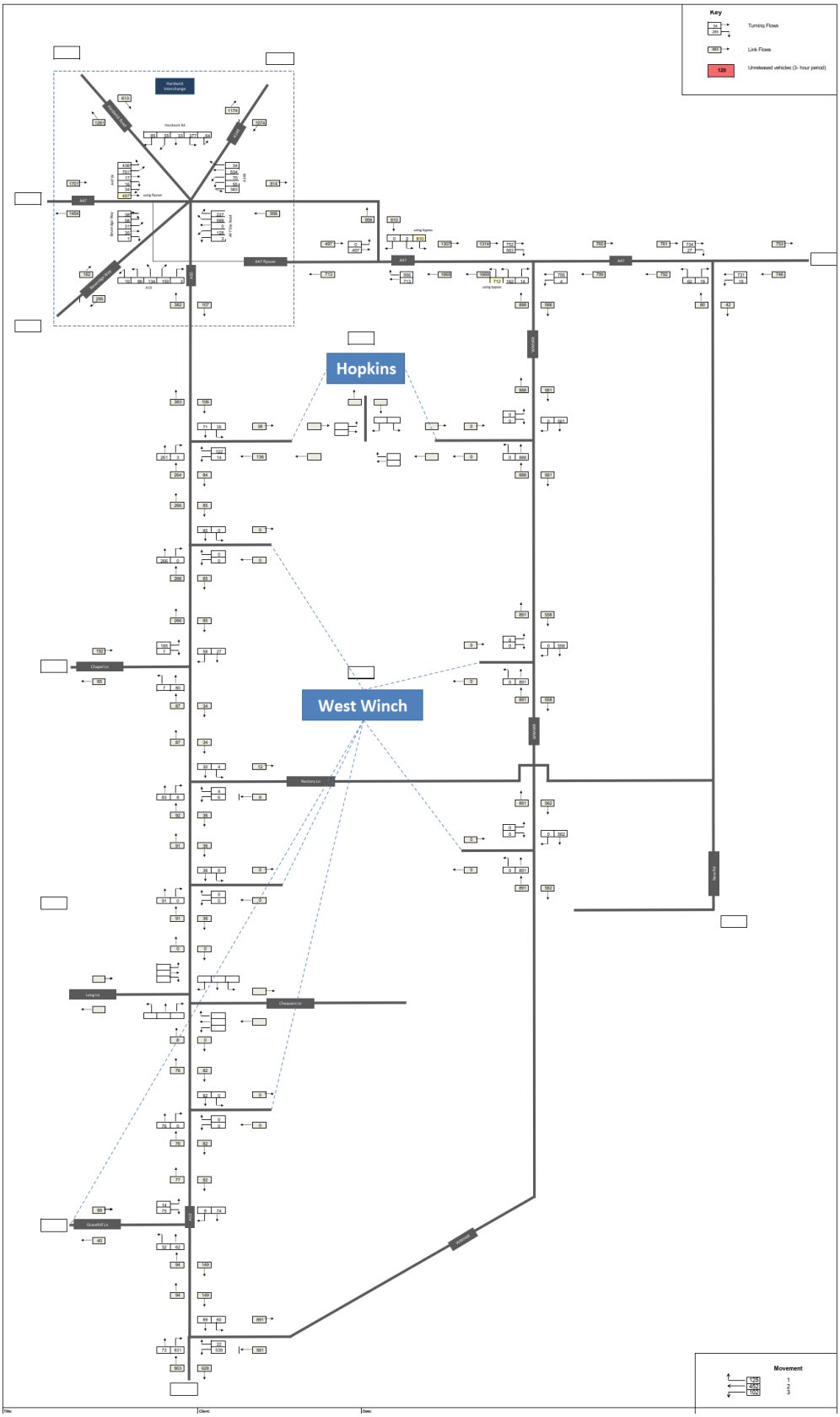

Figure 1-4 – 2027 Do Something 1 (Scenario S) PM Peak

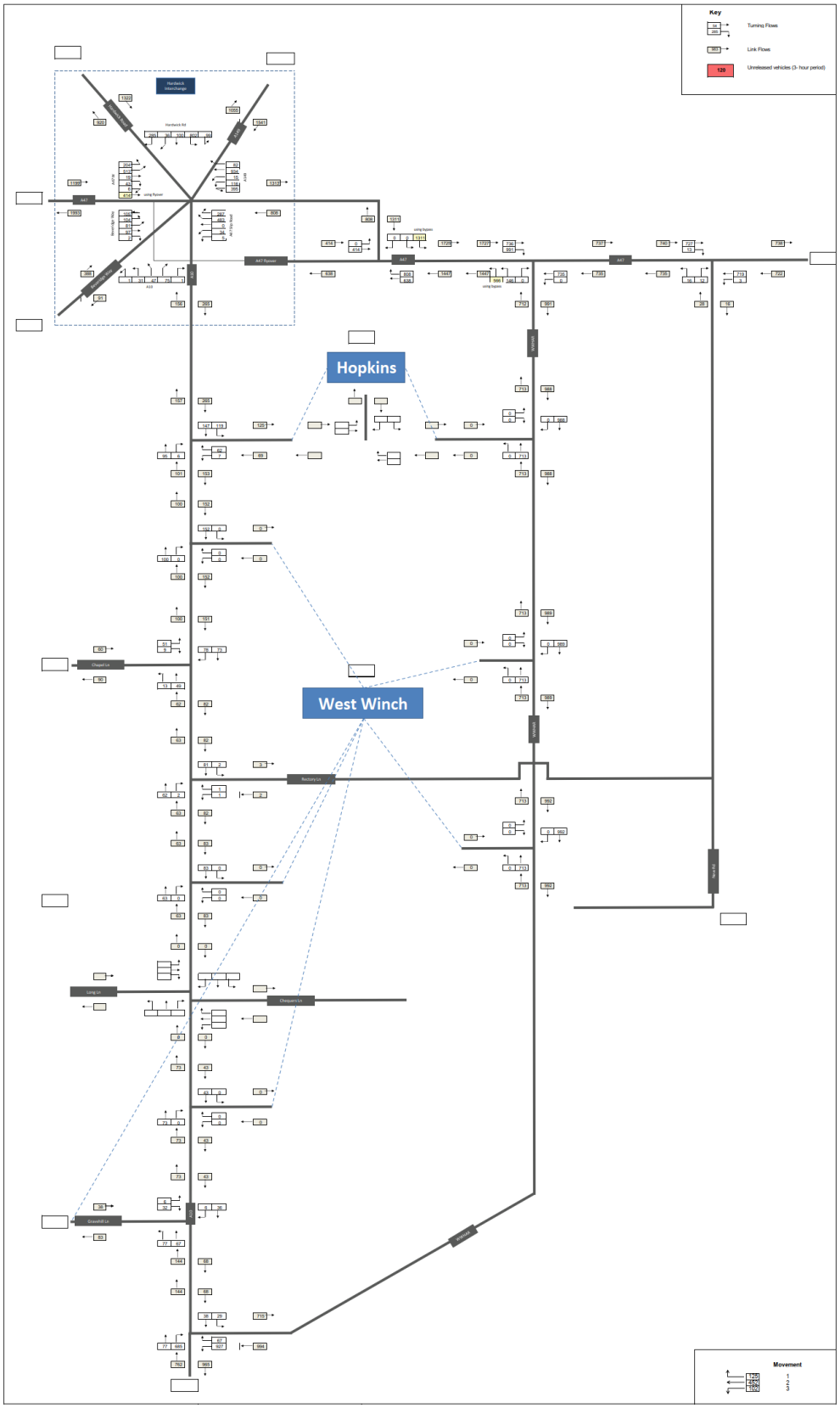

Figure 1-5 – 2037 Do Minimum (Scenario P) AM Peak

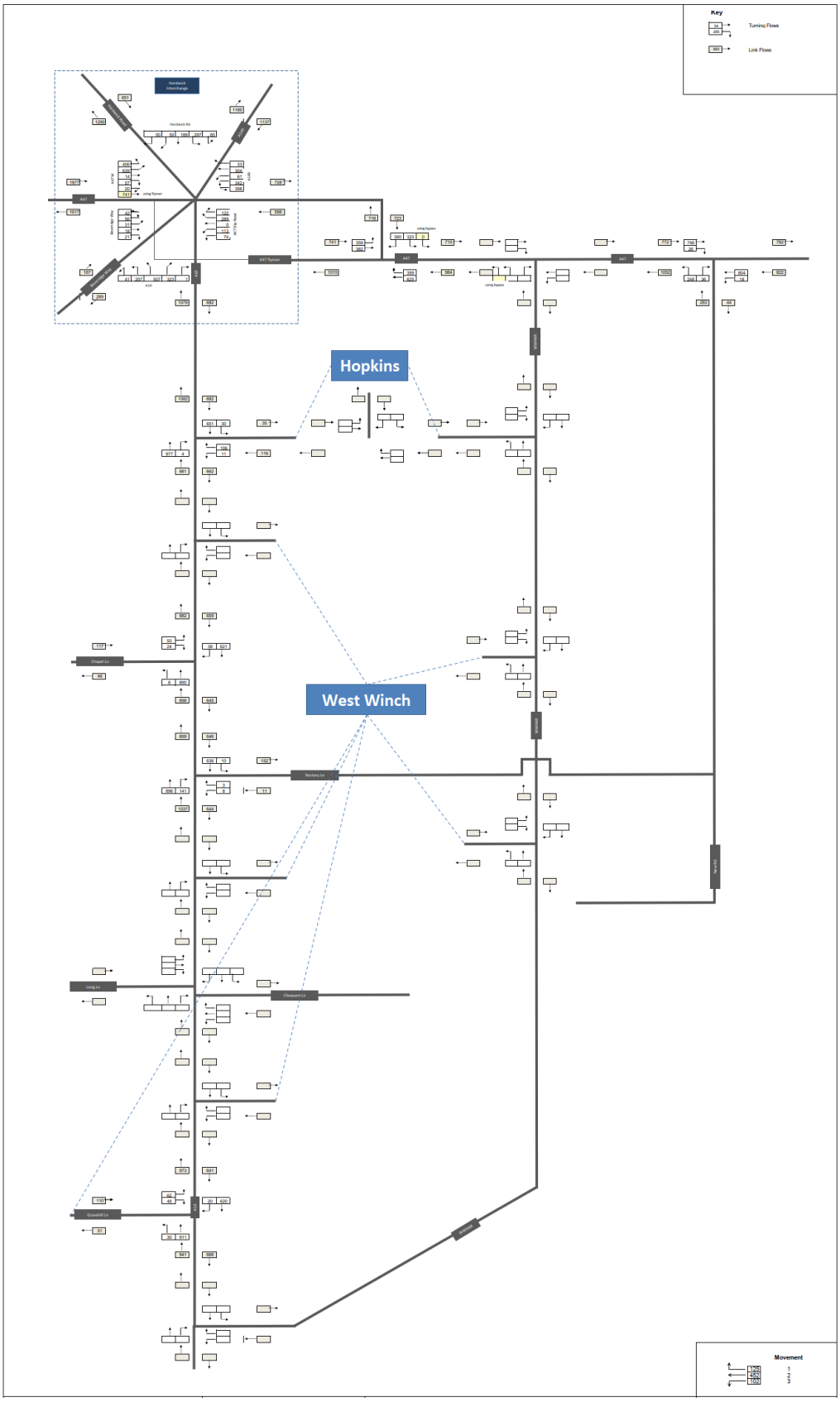

Figure 1-6 – 2037 Do Minimum (Scenario P) PM Peak

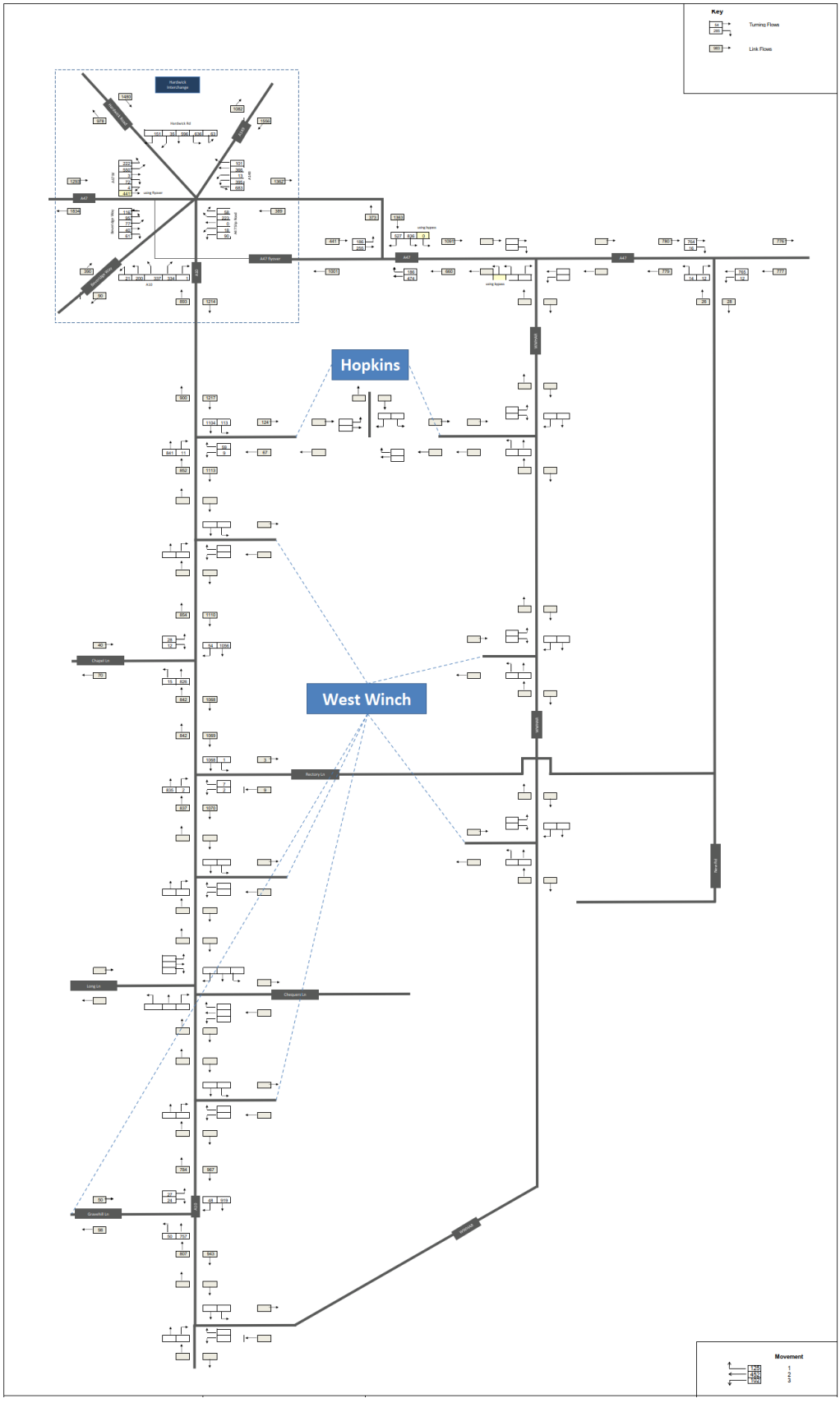

Figure 1-7 – 2037 Do Something 1 (Scenario S) AM Peak

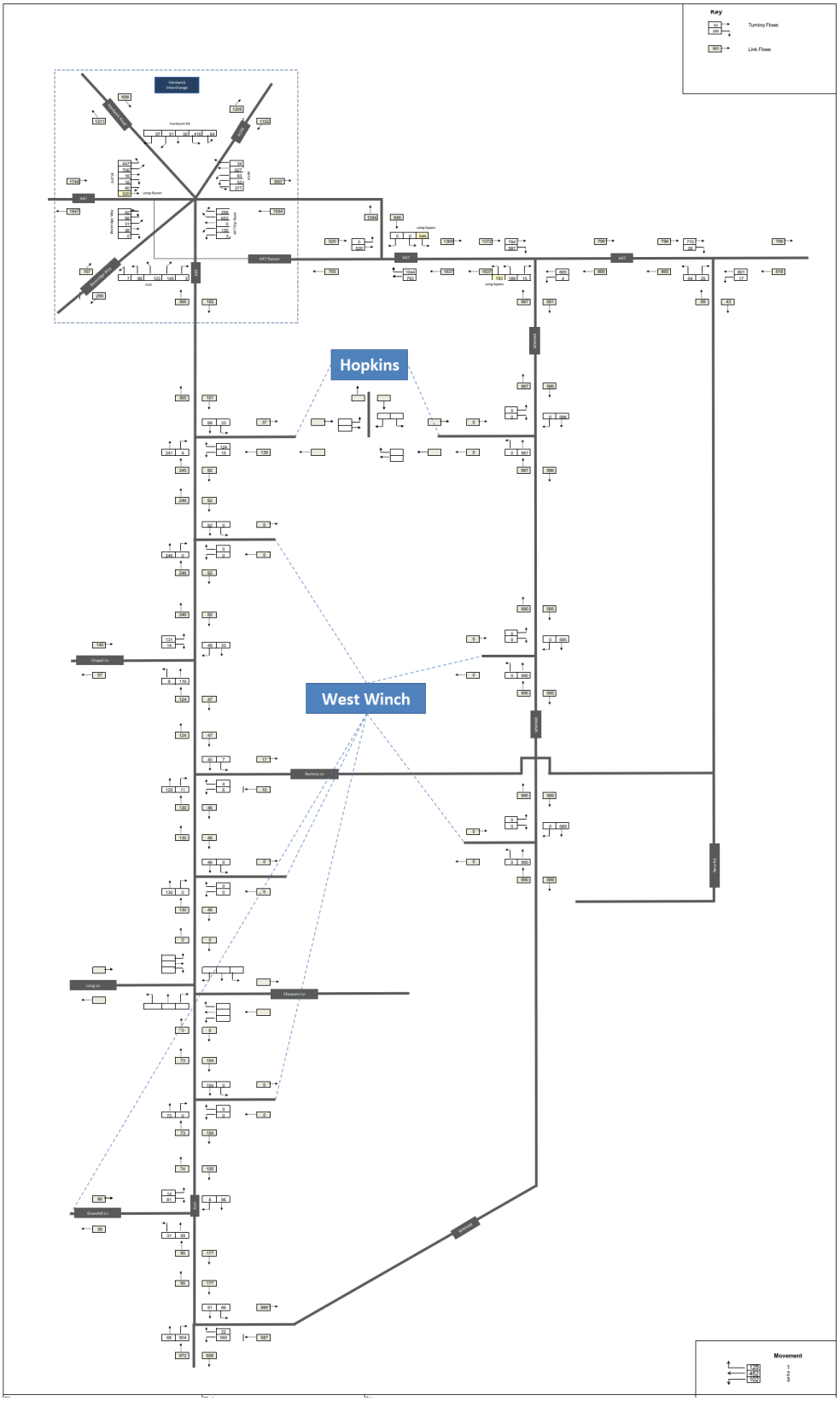

Figure 1-8 – 2037 Do Something 1 (Scenario S) PM Peak

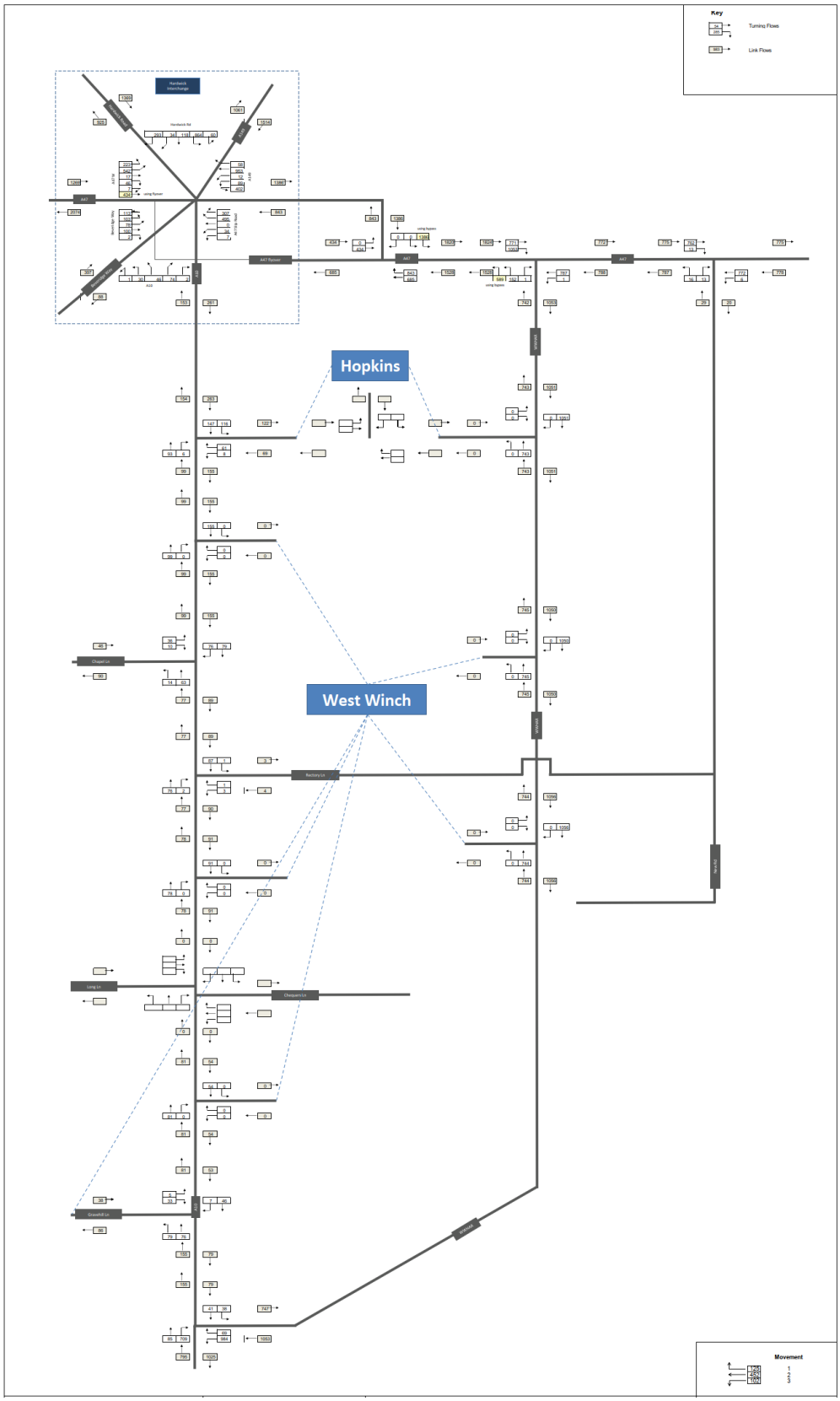

Figure 1-9 – 2037 Do Something 2 (Scenario R) AM Peak

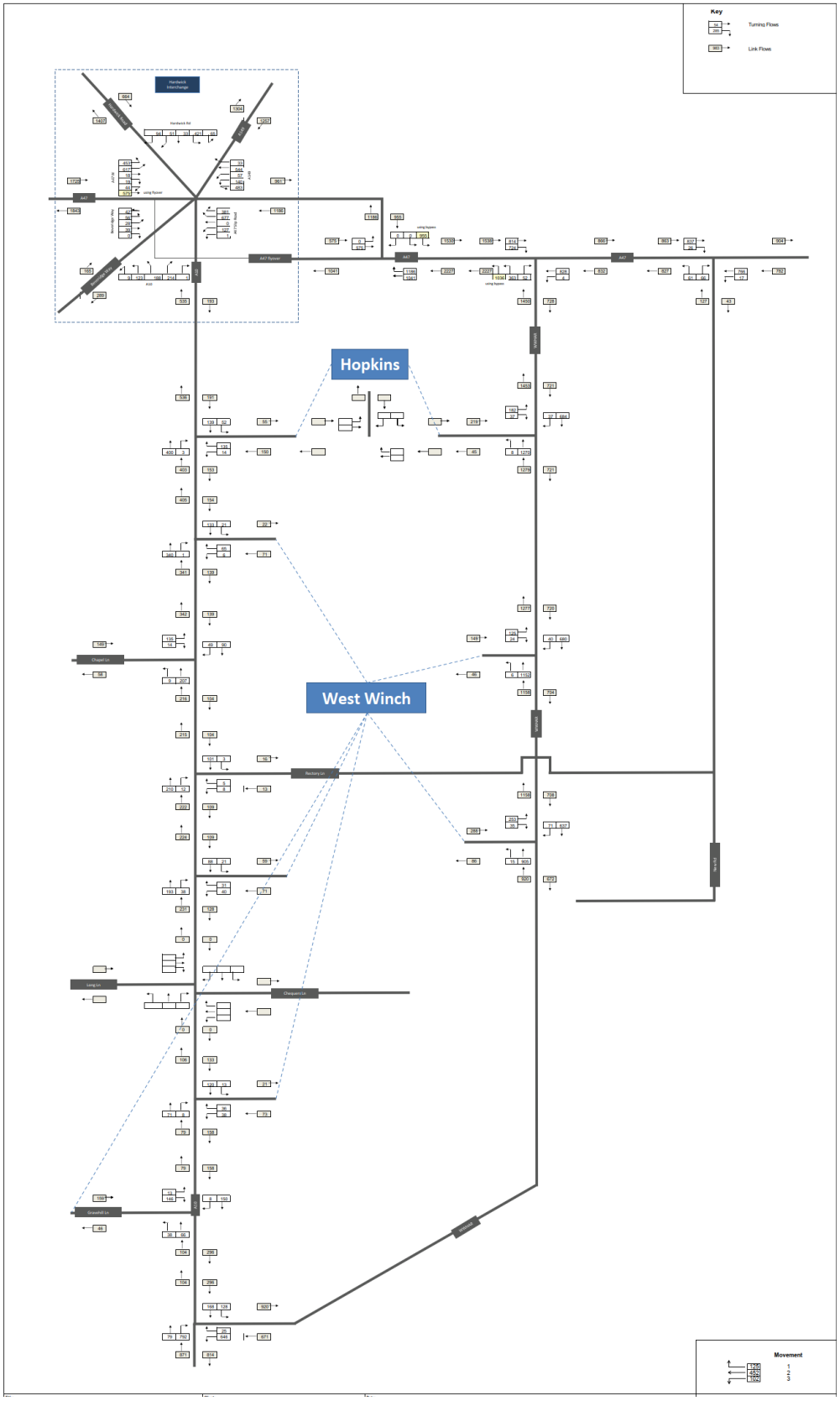

Figure 1-10 – 2037 Do Something 2 (Scenario R) PM Peak

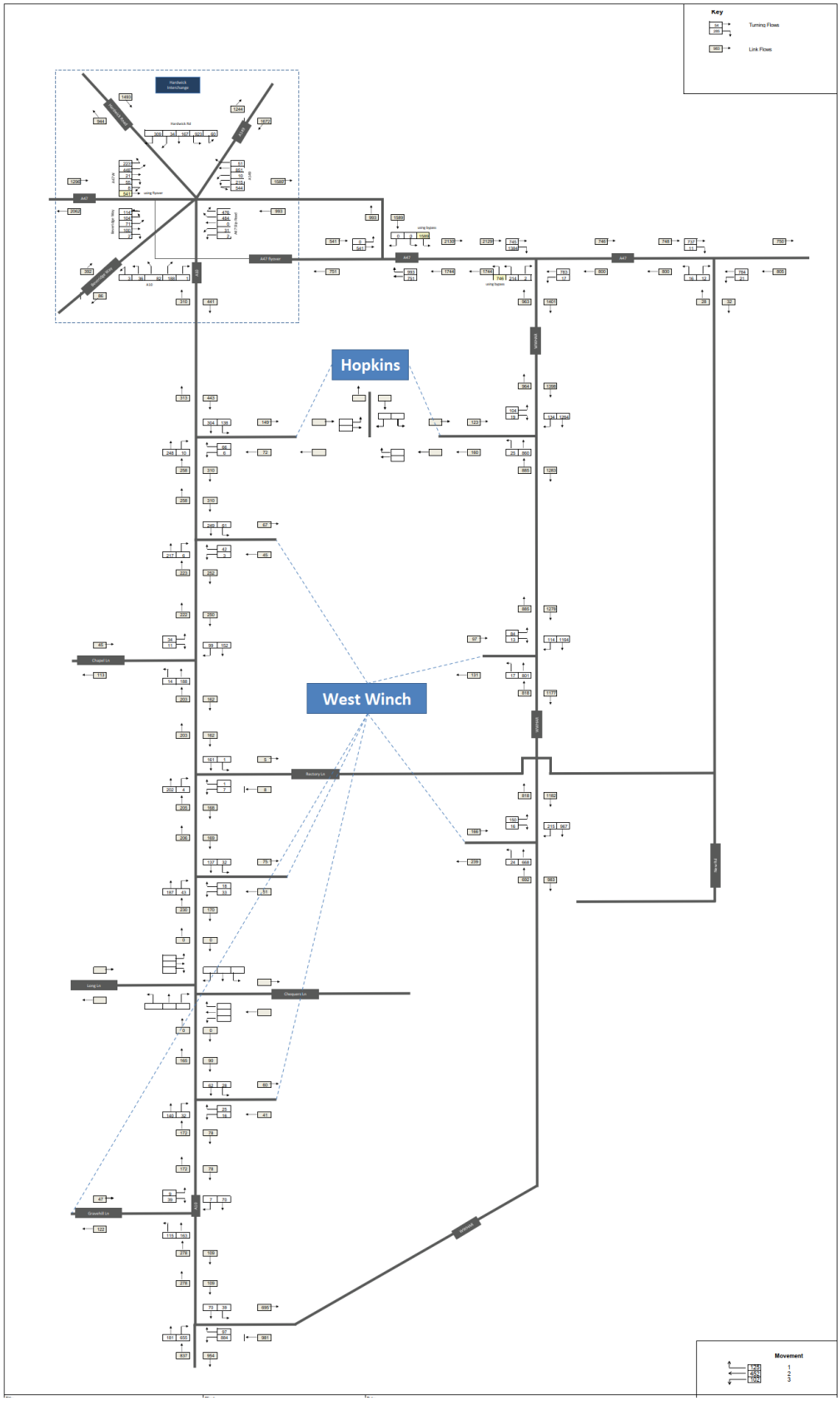

Figure 1-11 – 2042 Do Minimum (Scenario P) AM Peak

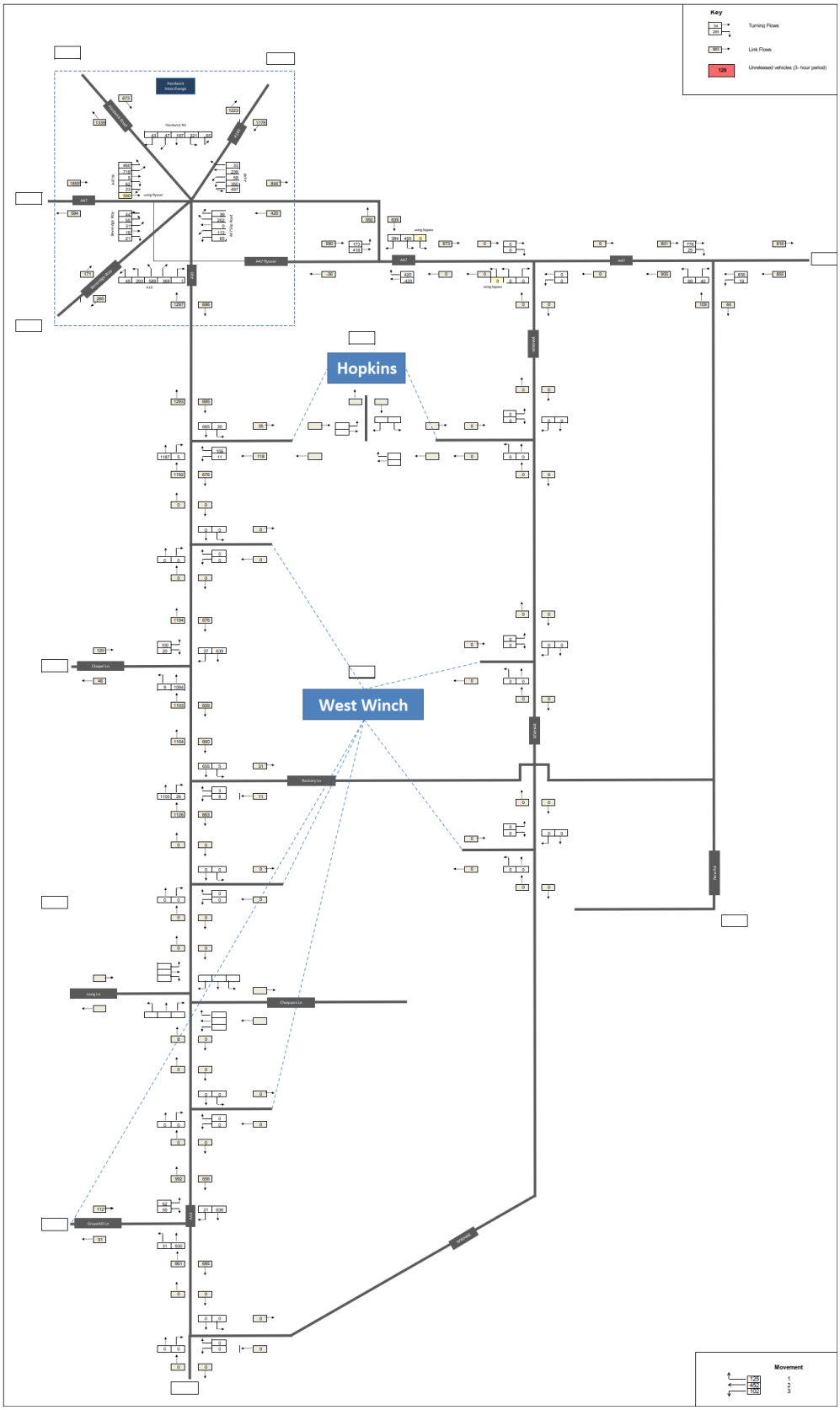

Figure 1-12 – 2042 Do Minimum (Scenario P) PM Peak

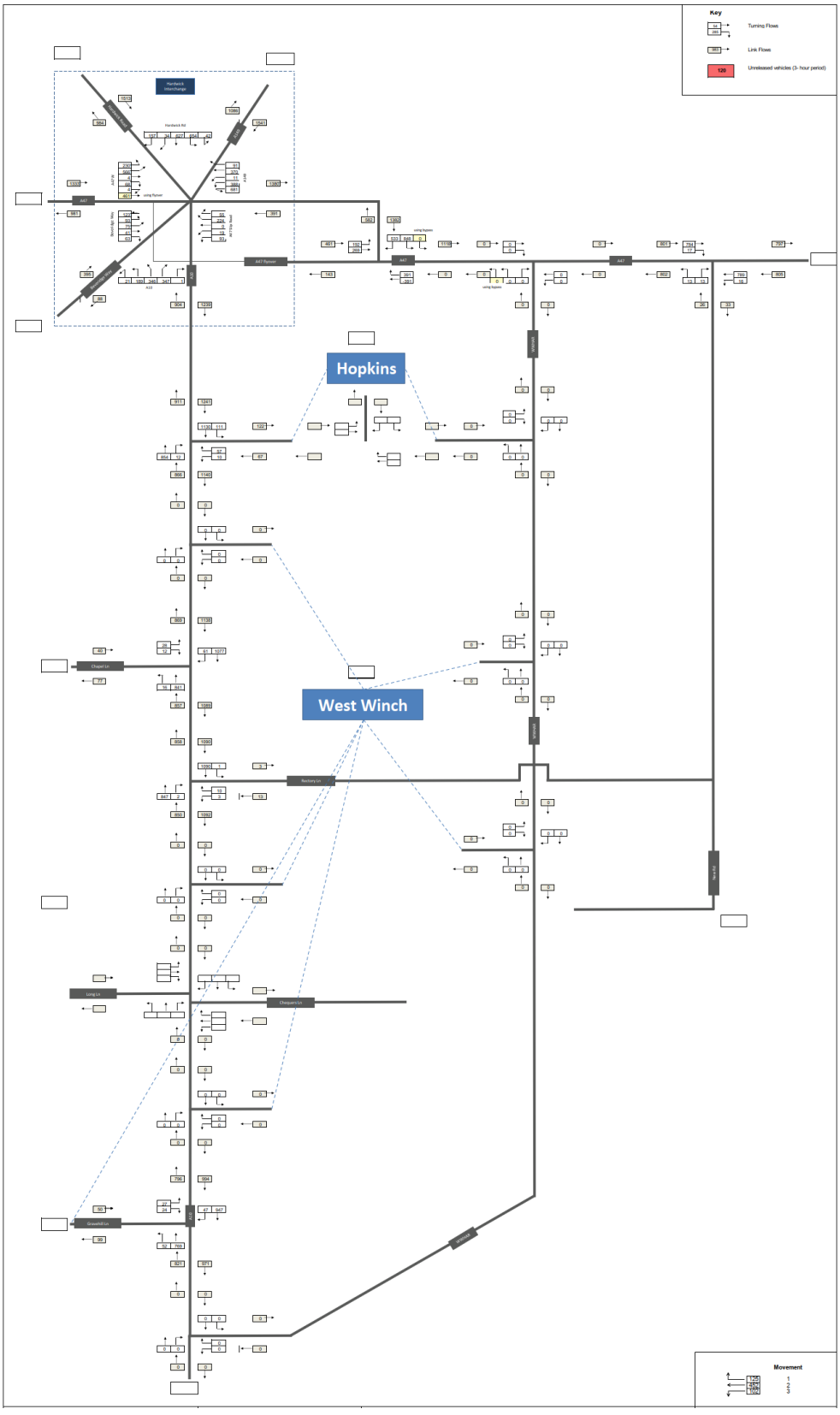

Figure 1-13 – 2042 Do Something 1 (Scenario S) AM Peak

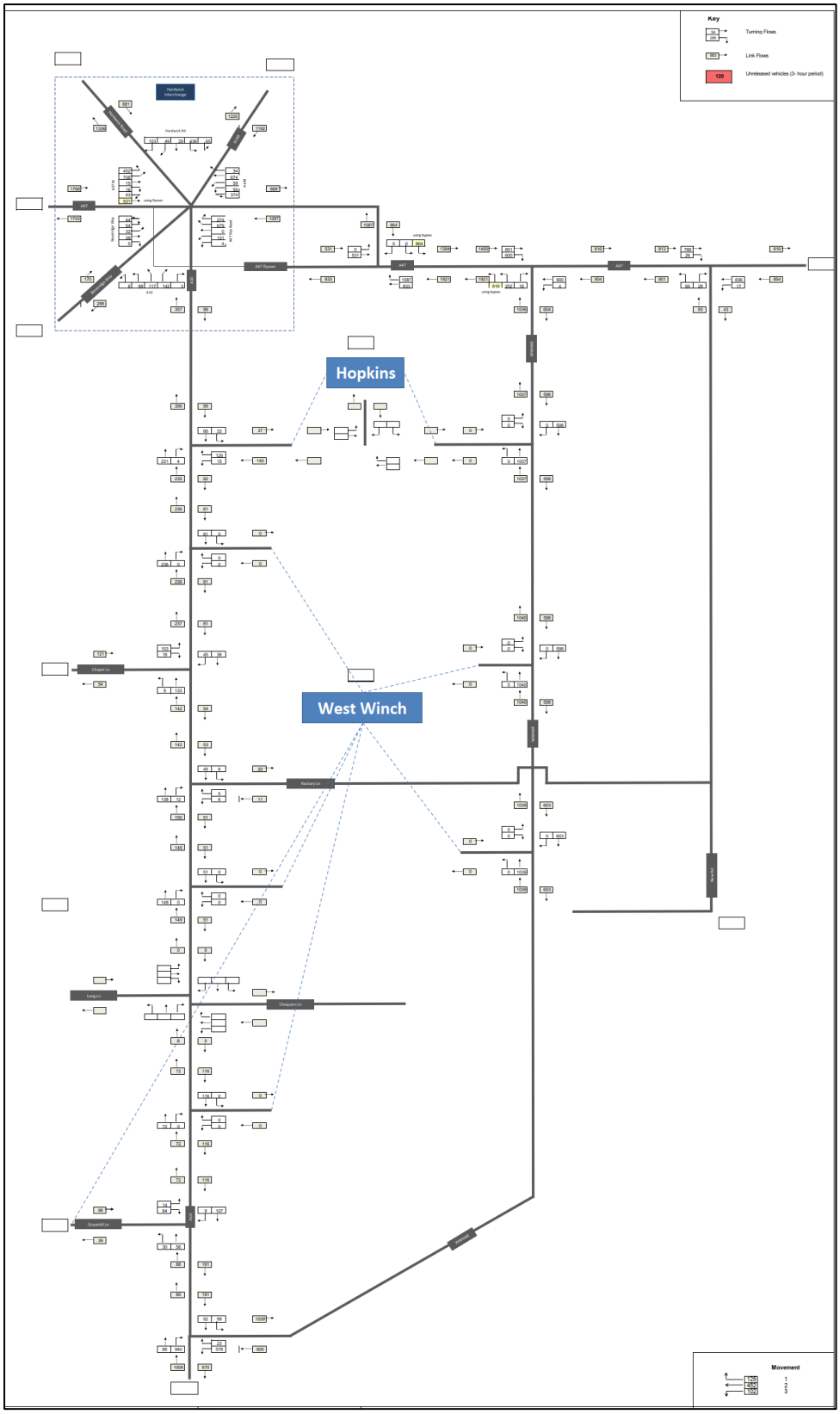

Figure 1-14 – 2042 Do Something 1 (Scenario S) PM Peak

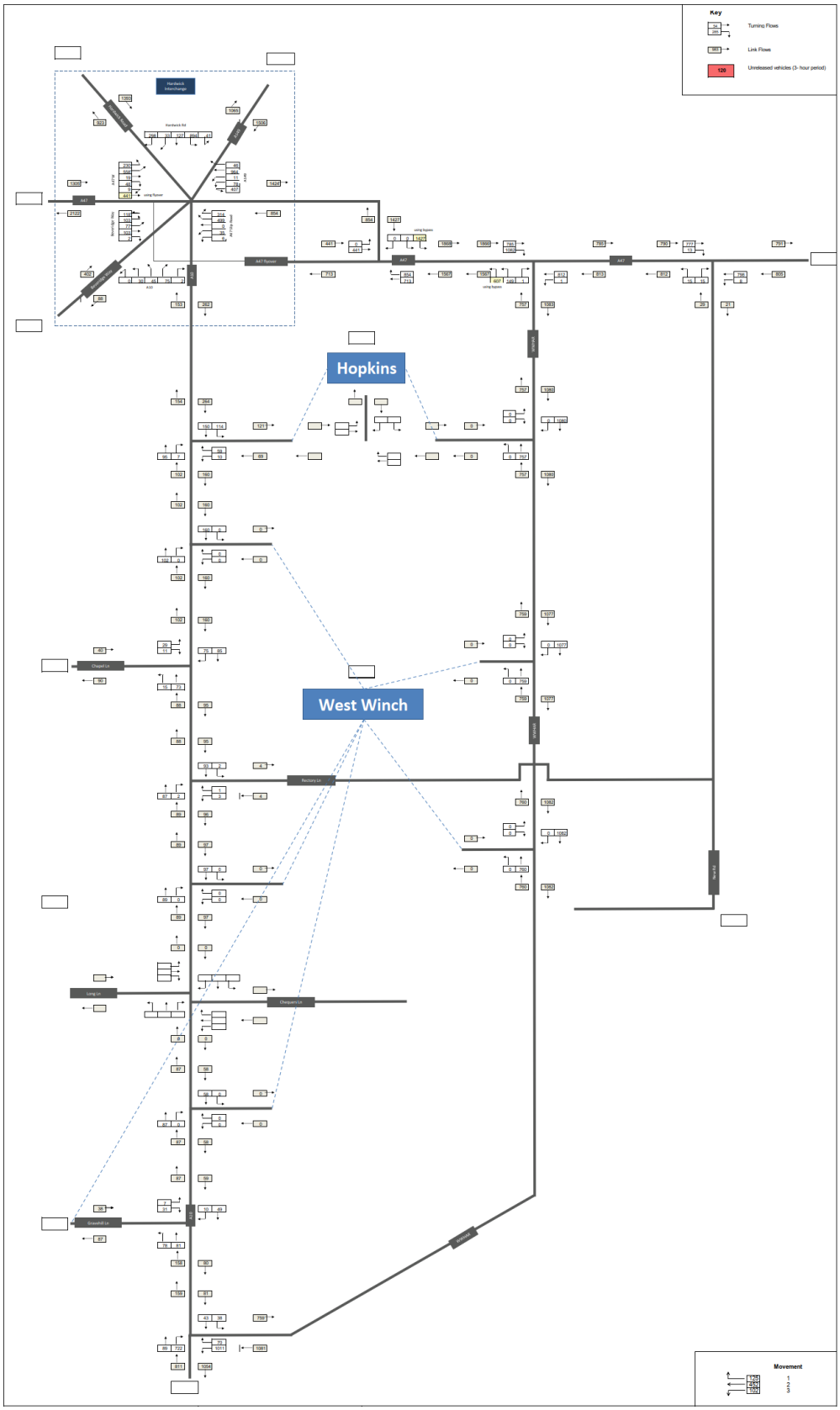

Figure 1-15 – 2042 Do Something 2 (Scenario R) AM Peak

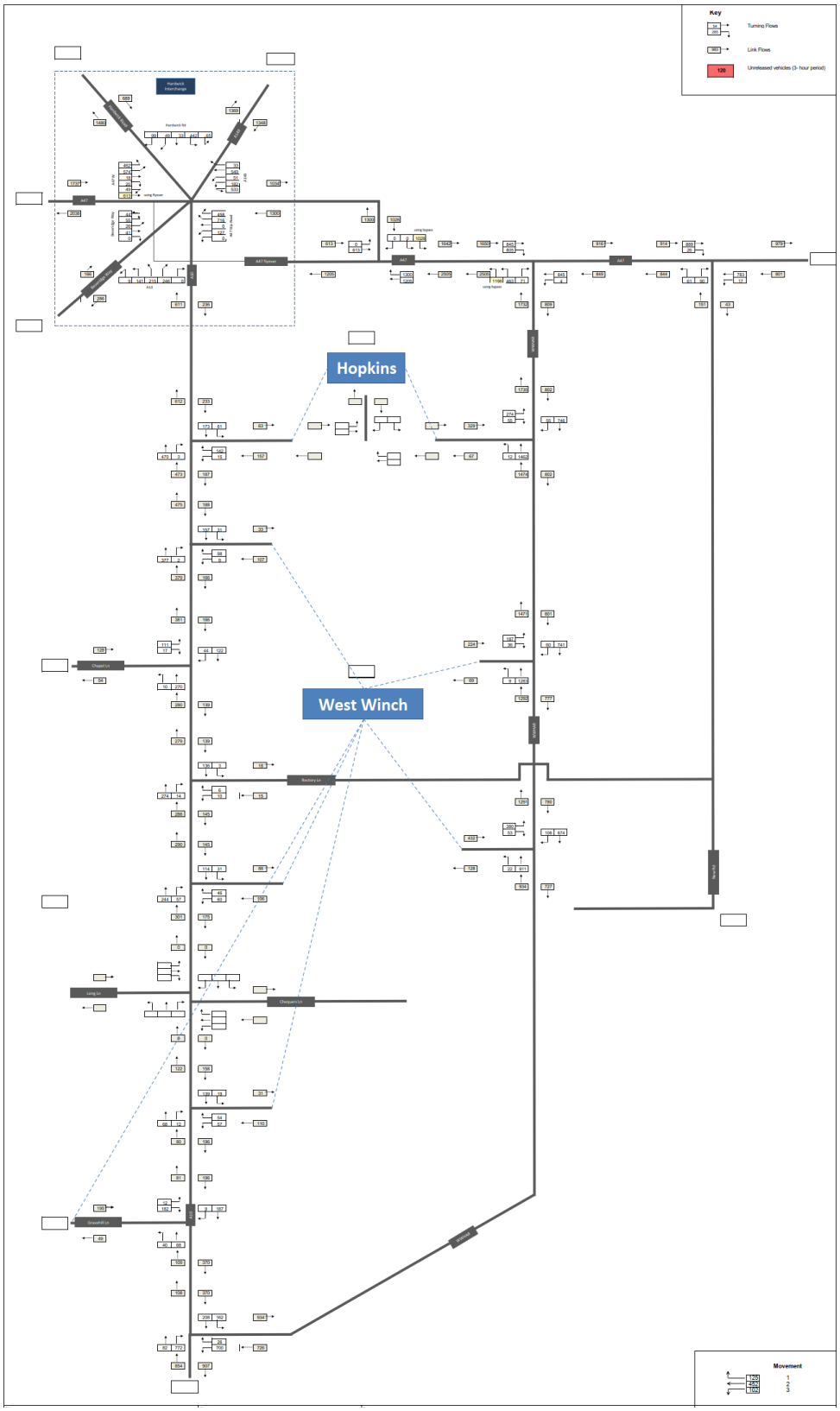

Figure 1-16 – 2042 Do something 2 (Scenario R) PM Peak