

November 2023

# London Luton Airport Expansion

Planning Inspectorate Scheme Ref: TR020001

Volume 8 Additional Submissions (Examination)

**8.30 Trip Distribution Plans (Tracked Change Version)**

Infrastructure Planning (Examination Procedure) Rules 2010

Application Document Ref: TR020001/APP/8.30

**The Planning Act 2008**

**The Infrastructure Planning (Examination Procedure) Rules 2010**

**London Luton Airport Expansion Development Consent  
Order 202x**

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**8.30 TRIP DISTRIBUTION PLANS**

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<b>Deadline:</b>	Deadline 5
<b>Planning Inspectorate Scheme Reference:</b>	TR020001
<b>Document Reference:</b>	TR020001/APP/8.30
<b>Author:</b>	Luton Rising

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Revision 1	November 2023	Additional Submission - Deadline 5

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# 1 INTRODUCTION

1.1.1 This document contains further revised Trip Distribution Plans which have been produced as requested by the Examining Authority (“ExA”).

The request for an update to the trip distribution plans was made in the ExA’s letter of 6 November 2023 under Rule 17 of the Infrastructure Planning (Examination Procedure) Rules 2010 (as amended) ~~9~~ – [PD-014].

1.1.2 Under the action Trip distribution plans the letter states:

1.1.3 —“Action Point 5 from Issue Specific Hearing (ISH) 4 [EV9-007] requested that the Applicant re-submit the trip distribution plans with an improved background to enable the identification of individual roads. The Applicant has submitted these at D4 but following an initial review the identification of individual roads is still proving problematic. The Applicant is requested to review the base layer used on these documents and re-submit the documents at D5, Tuesday 14 November 2023, in a format that enables the viewer to easily identify individual roads”.

1.1.4 The approach to further revising the Trip Distribution Plans was discussed and additional clarification was received on 9 November 2023 from The Planning Inspectorate Case Manager.

1.1.5 This document therefore contains further revised Trip Distribution Plans for the base year and each of the future model assessment years (2027, 2039 and 2043) without and with the airport expansion. The plots show Average Daily Traffic (ADT) which represents an October busy day, as reported in Section 9 of the **Transport Assessment [APP-203 to APP-206]**.

1.1.6 The further revision involves additional labels to denote the numbers and/or names of roads used by airport passengers and airport staff. The labels have been added to include all roads used by airport passengers and airport staff to travel to and from the airport.

1.1.7 The daily volumes of airport passengers are shown in blue band widths and the daily volumes of airport staff are shown in red band widths, with these overlaid on a grey road network. The band widths at the airport represent the total travel demand. With increasing distance from the airport, the band widths become smaller. On roads where there are no blue or red band widths, and therefore just showing grey road links, there is no airport traffic. A scale has been provided on each diagram.

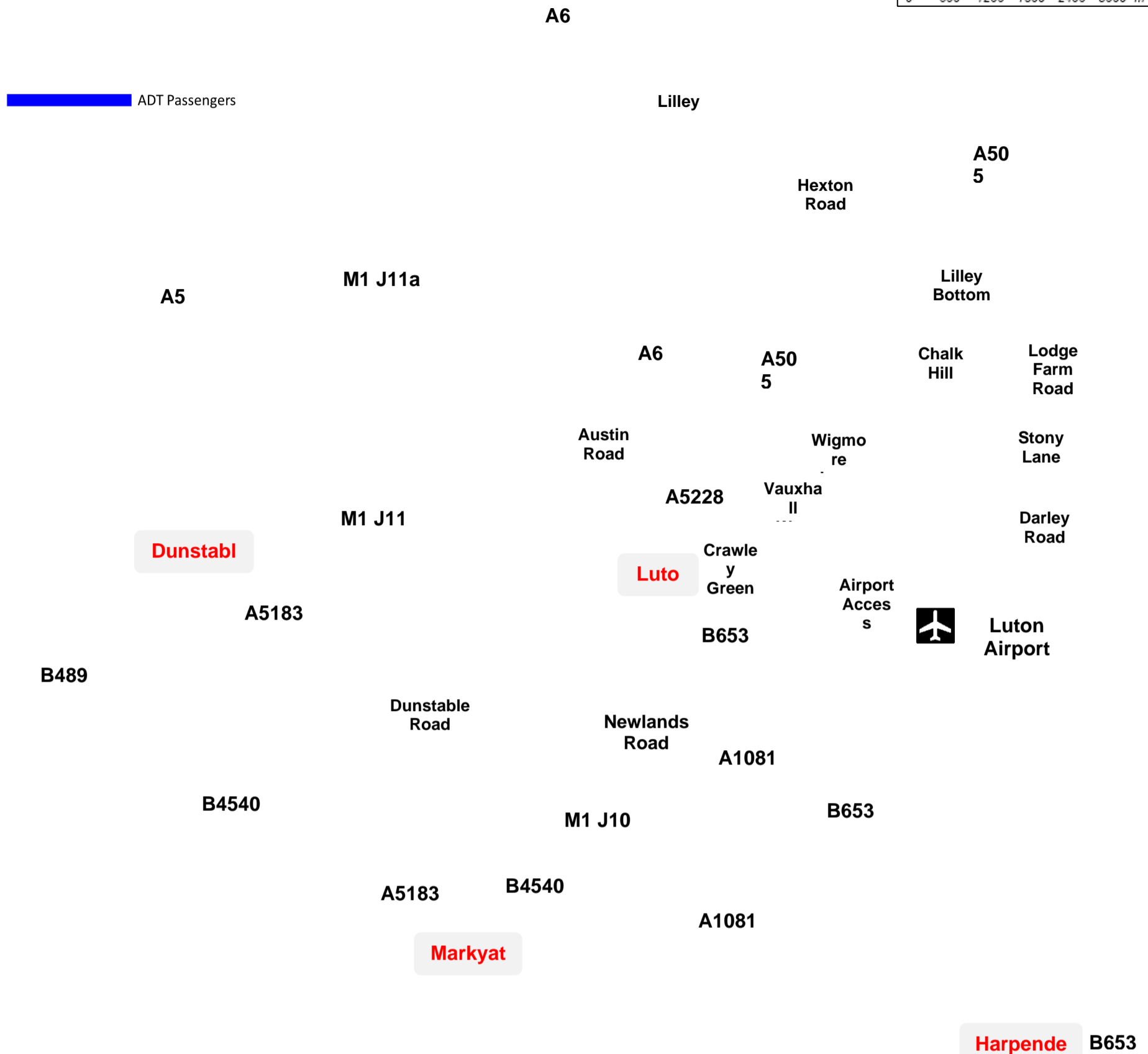
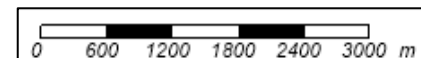
1.1.8 The 2043 plots have no additional lane on the M1 between Junctions 9 and 10.

1.1.1 The request was raised within the Actions Points document [EV9-007] following the Issue Specific Hearing (ISH) 4 on 28<sup>th</sup> September 2023. This Action is referred to as “Action 5”.

1.1.2 Action 5 is: “Provide improved background to the Trip Distribution Plans [REP1-109] so that the individual roads can be seen clearly”.



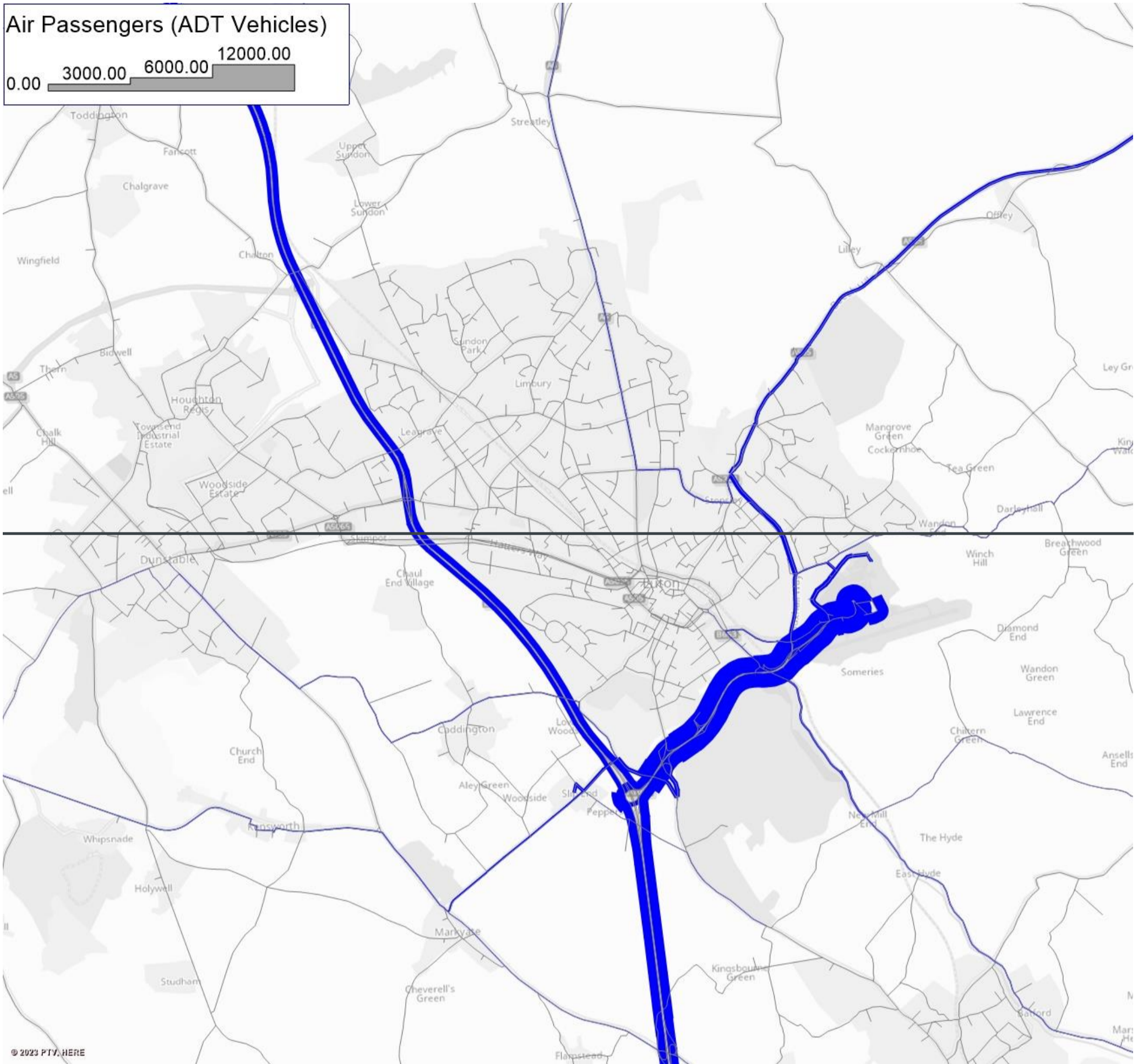
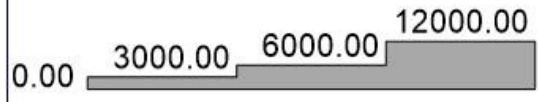
- 1.1.3 On 13 July 2023 the ExA issued a letter setting out a number of Procedural Decisions under sections 88 and 89 of the Planning Act 2008 (as amended) and Rules 4, 6, 9 and 13 of The Infrastructure Planning (Examination Procedure) Rules 2010 (“the Rule 6 Letter” [PD-007]) for the examination of the Development Consent Order (“DCO”) application for the London Luton Airport Expansion Project.
- 1.1.4 Under the section headed ‘Requests for further information’ in paragraph 13 of Annex F, the Rule 6 letter stated that: *“to consolidate and simplify the information contained within the application in relation to traffic the ExA requests that the Applicant provide Trip Distribution Plans (for base year and each of the future assessment years).*
- “The plans should show graphically where the trips to the airport originate and include the Annual Average Daily Traffic flow values for the ‘Do-Minimum’ and ‘Do-Something’ scenarios. If this information has already been provided, then the Applicant is requested to signpost where in the application documents this information can be found. This should be submitted at Deadline 1 (Tuesday, 22 August 2023).”*
- 1.1.5 This document provides revised T Trip Distribution Plans for the base year and each of the future model assessment years (2027, 2039 and 2043) with and without the airport expansion. The plots show Average Daily Traffic (ADT) which represents an October busy day, as reported in **Section 9** of the **Transport Assessment [APP-203 to APP-206]**.
- 1.1.6 The 2043 plots have no additional lane on the M1 between Junctions 9 and 10.



2

LUTON AREA PLOTS

### Air Passengers (ADT Vehicles)



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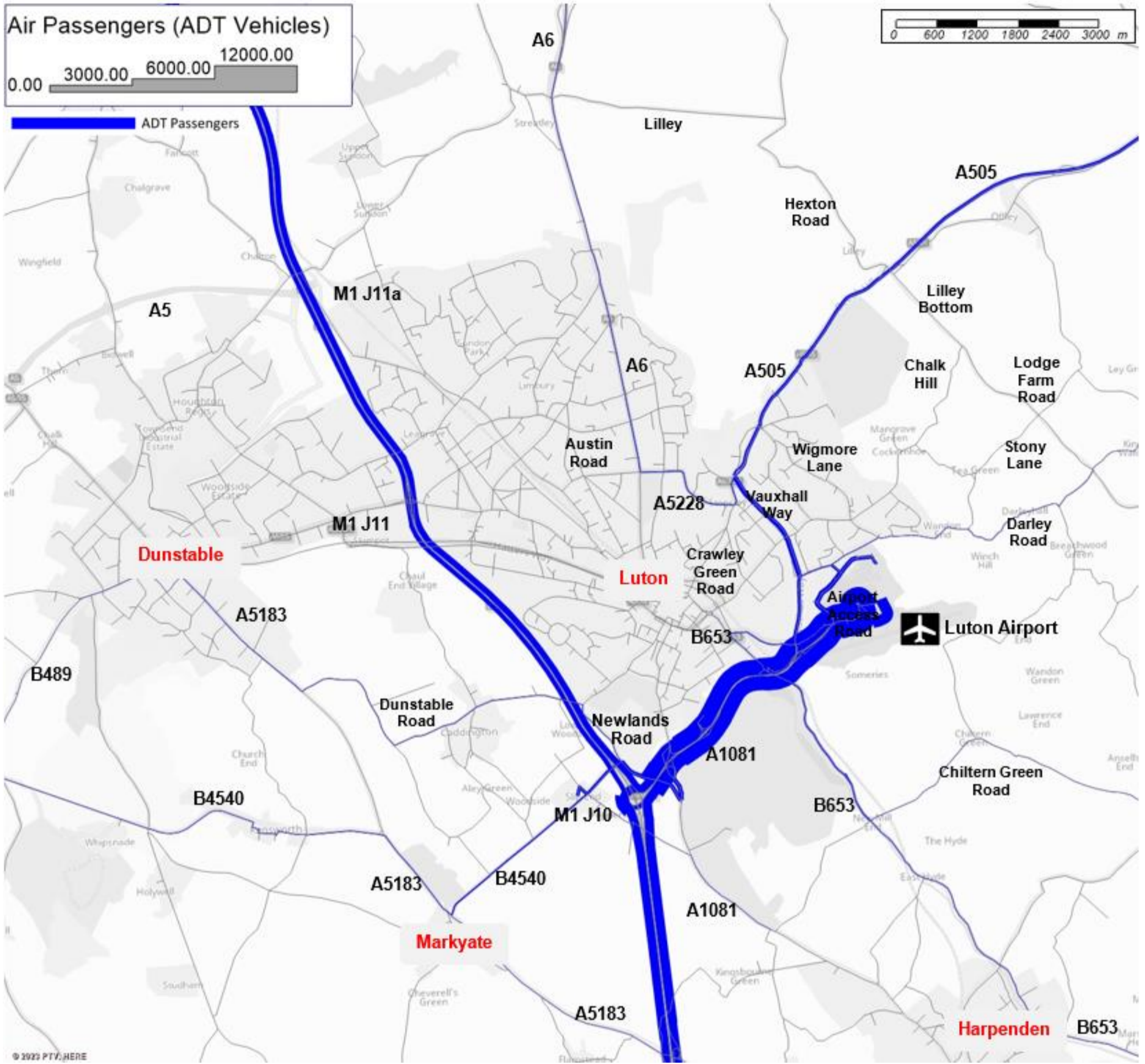


Figure 1 - 2016 Base - Passengers





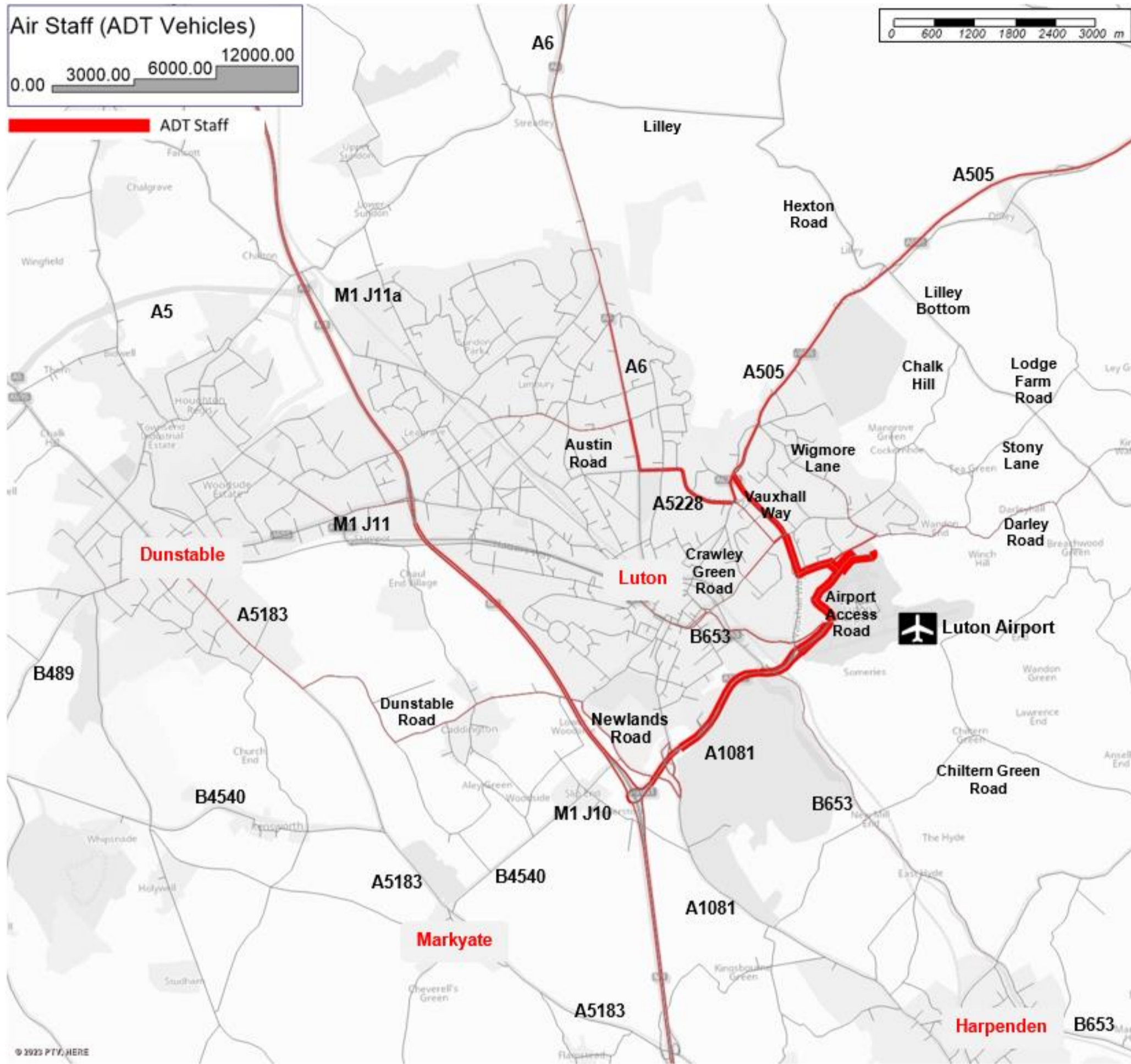


Figure 2 - 2016 Base - Staff







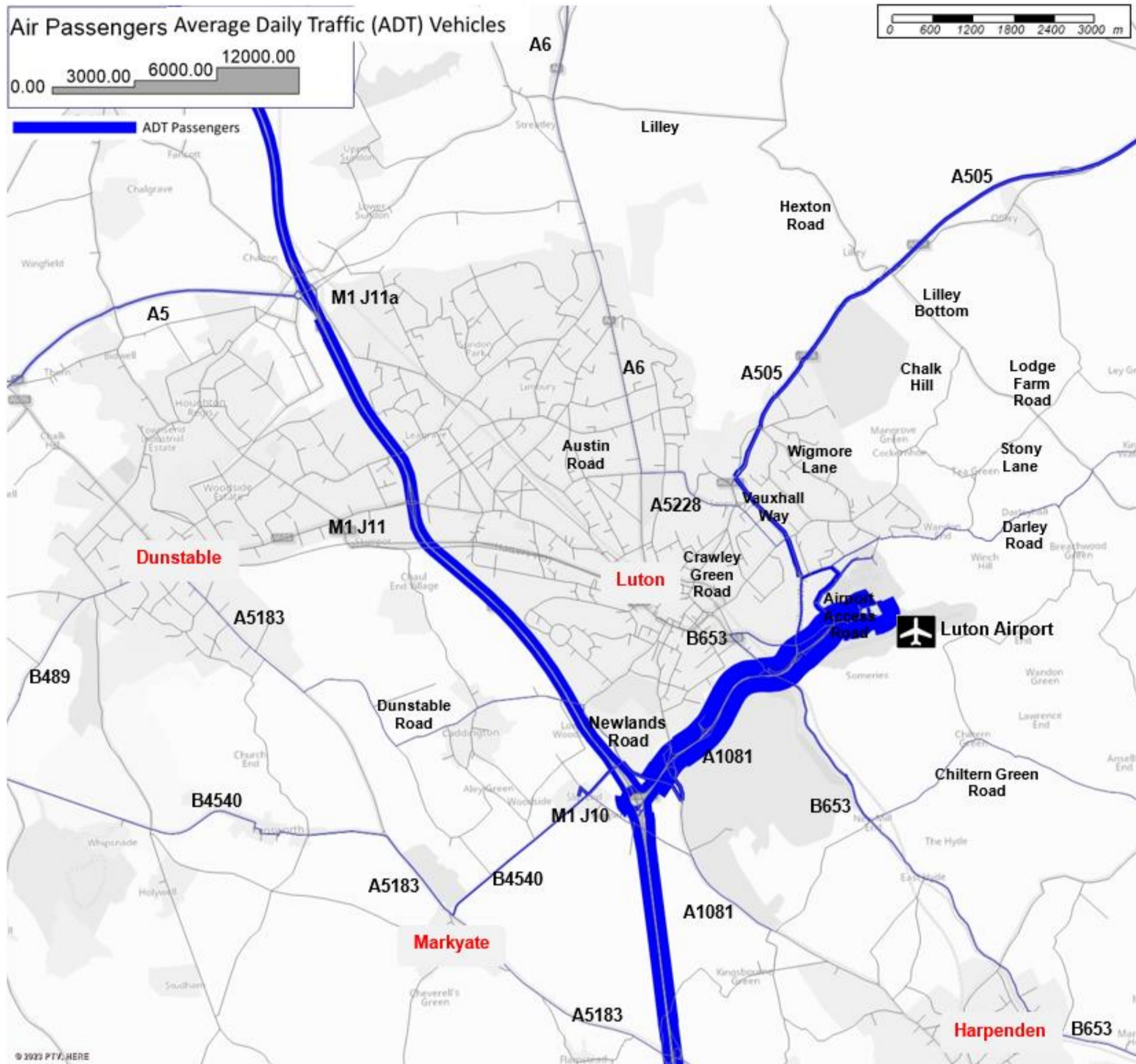
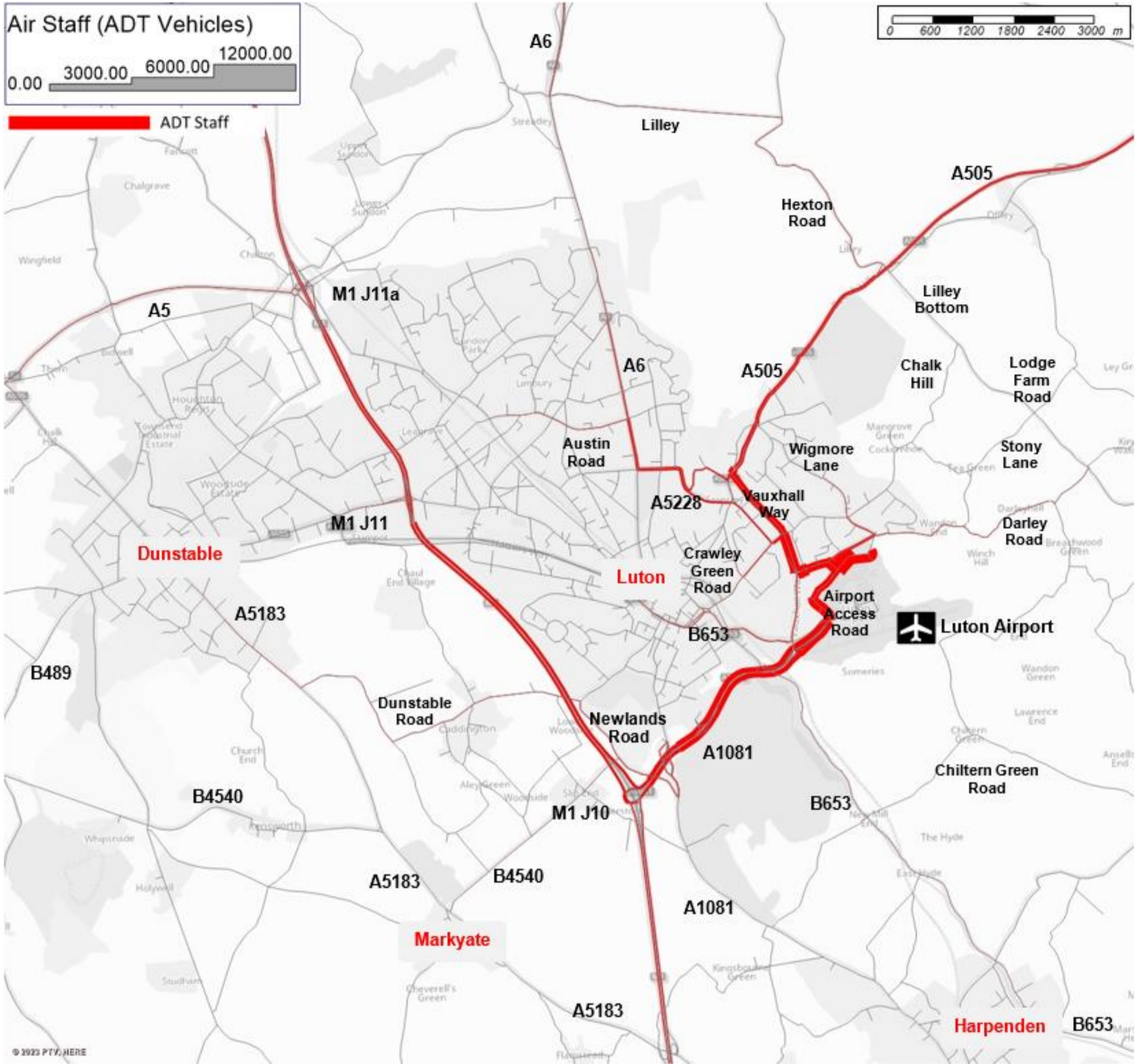


Figure 3 - 2027 Without Expansion (18mppa) – Passengers





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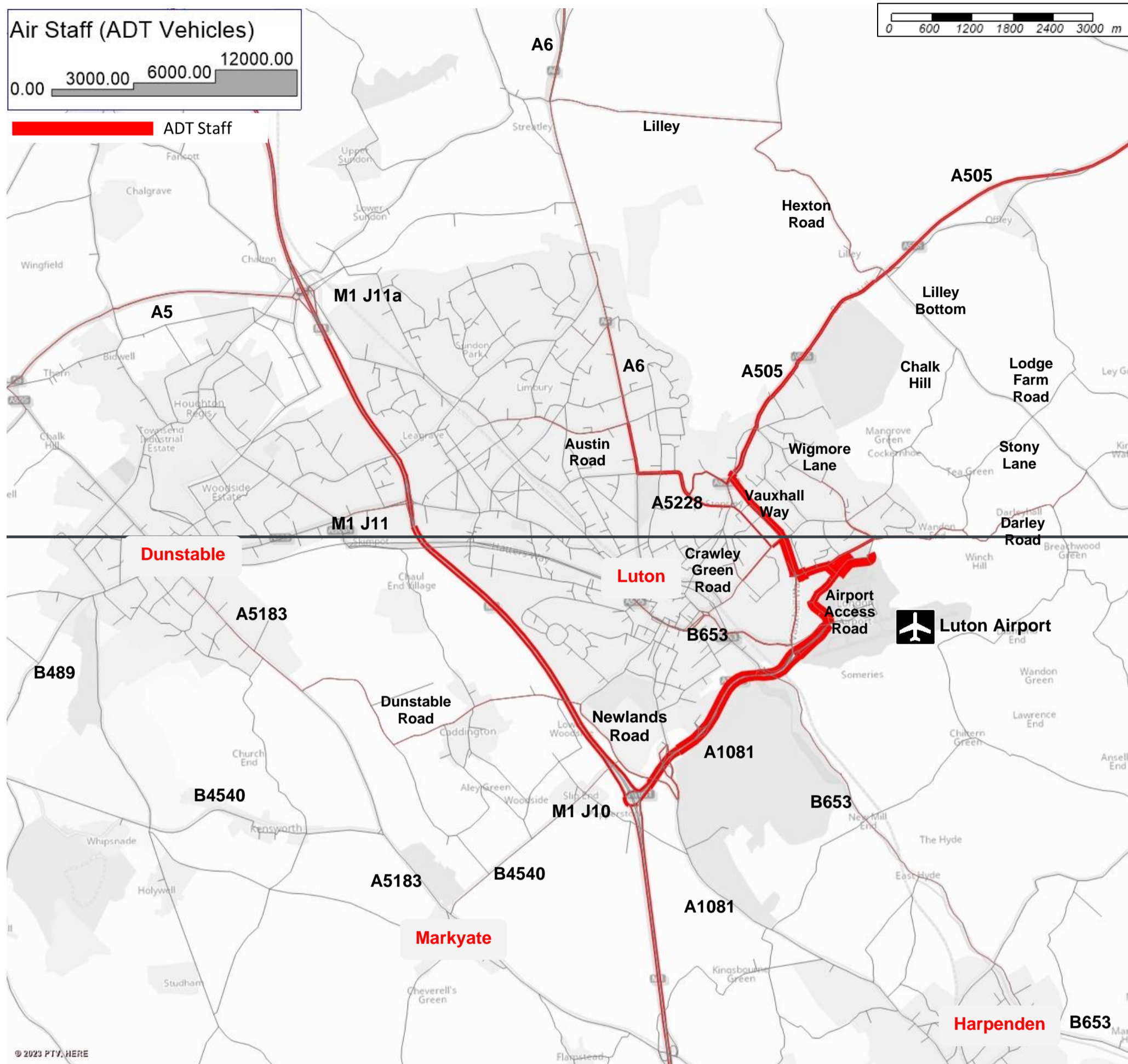
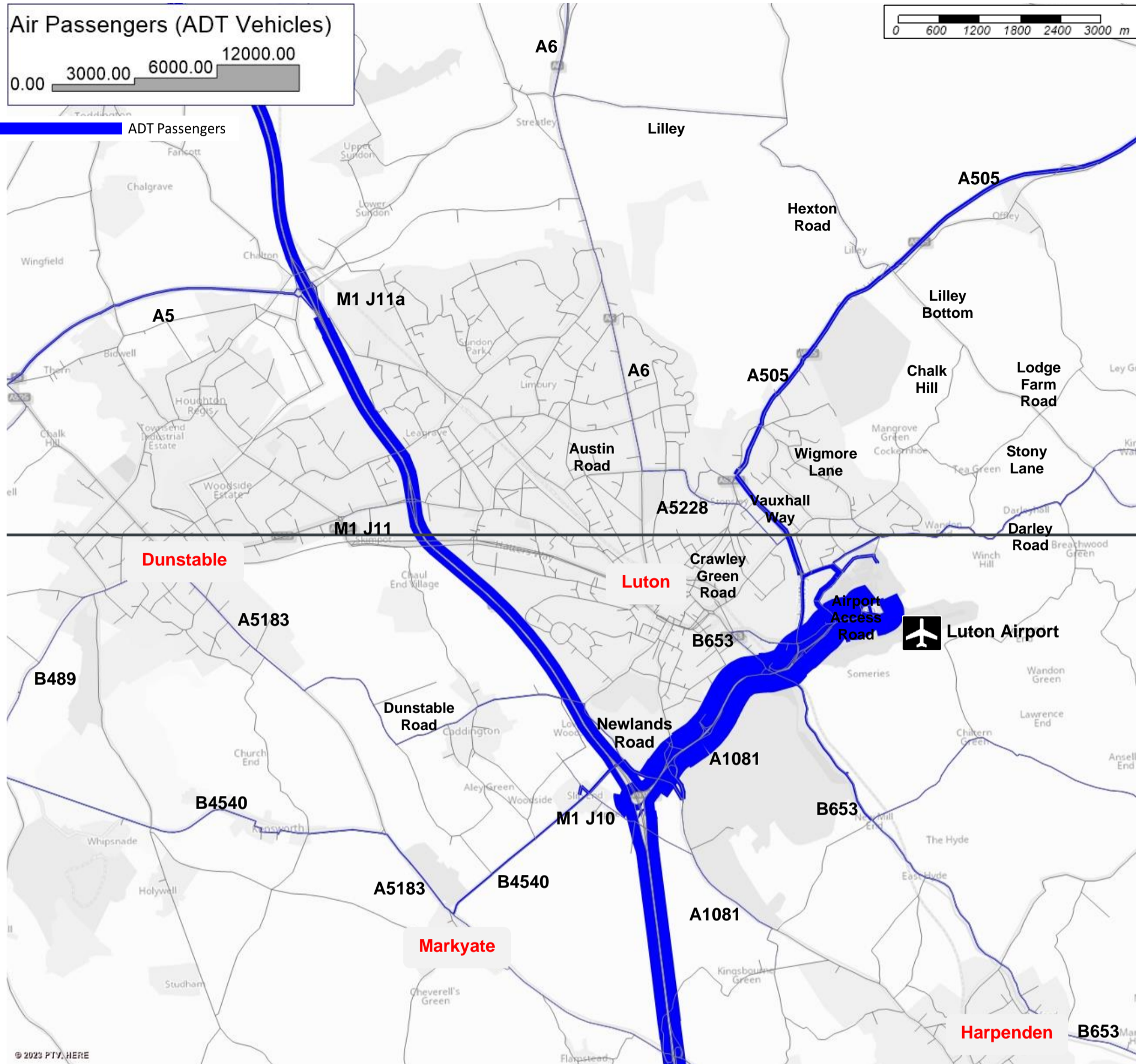


Figure 4 – 2027 Without Expansion (18mppa) - Staff







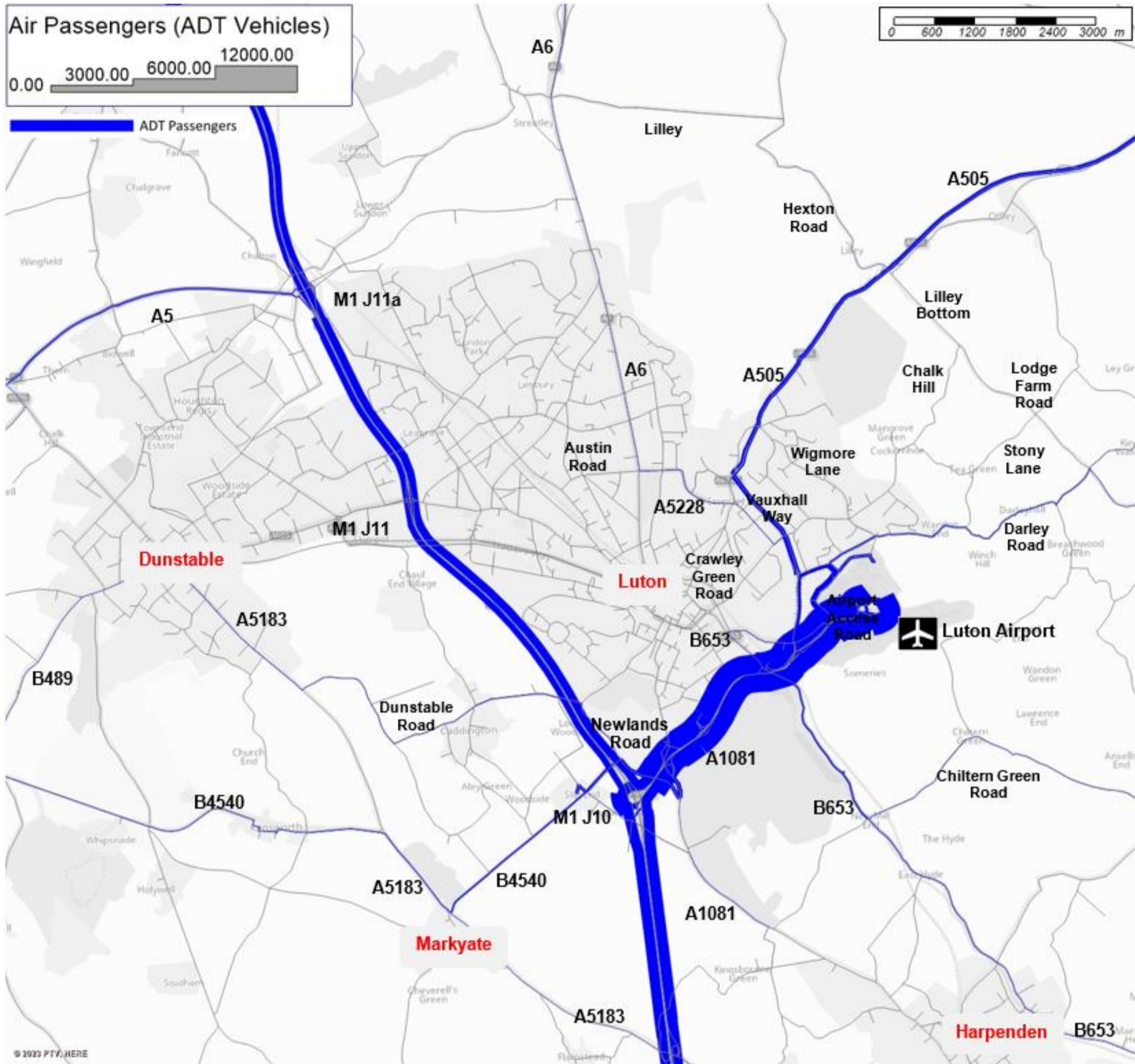
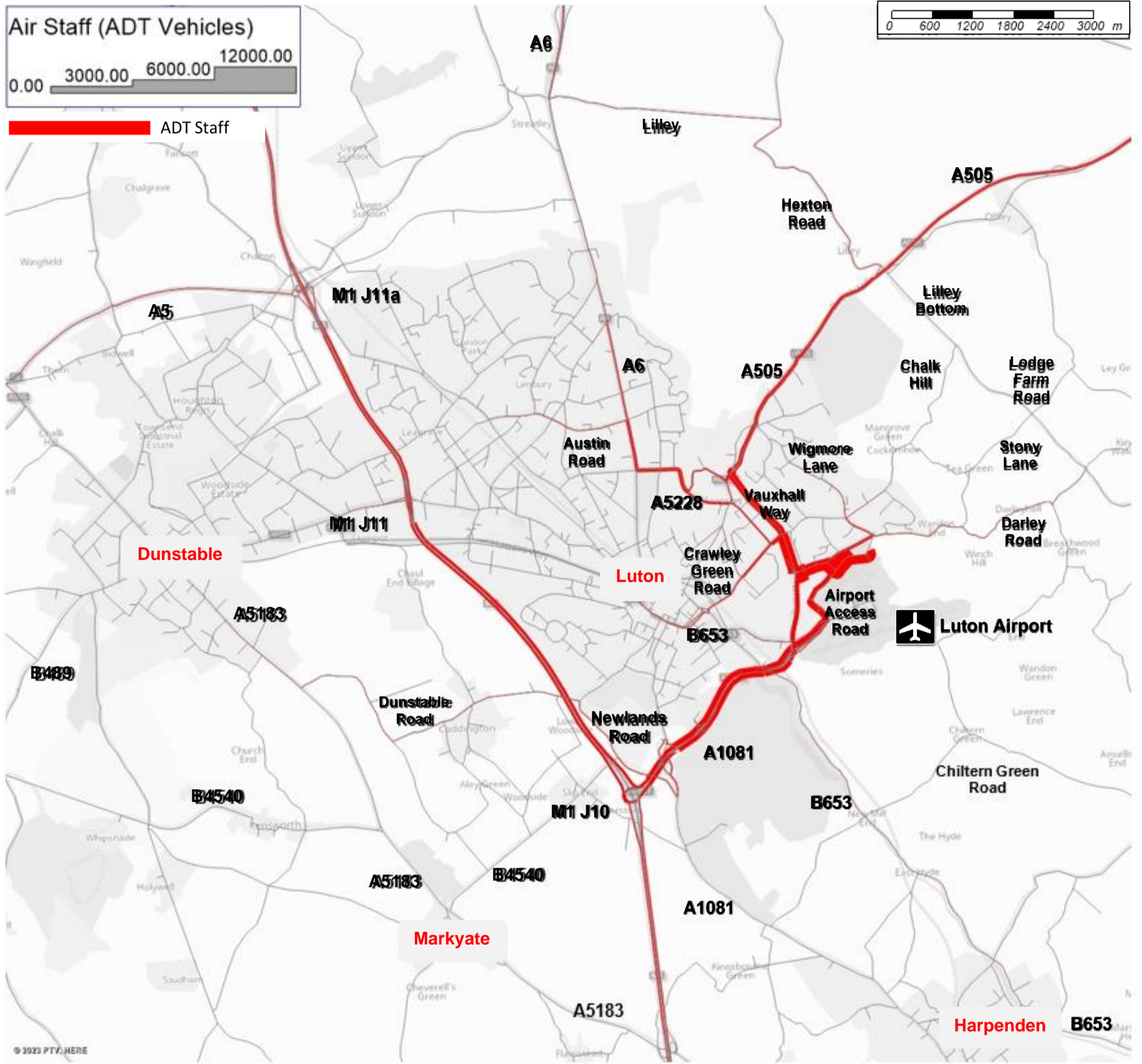


Figure 5 - 2027 With Expansion (21.5mppa) - Passengers





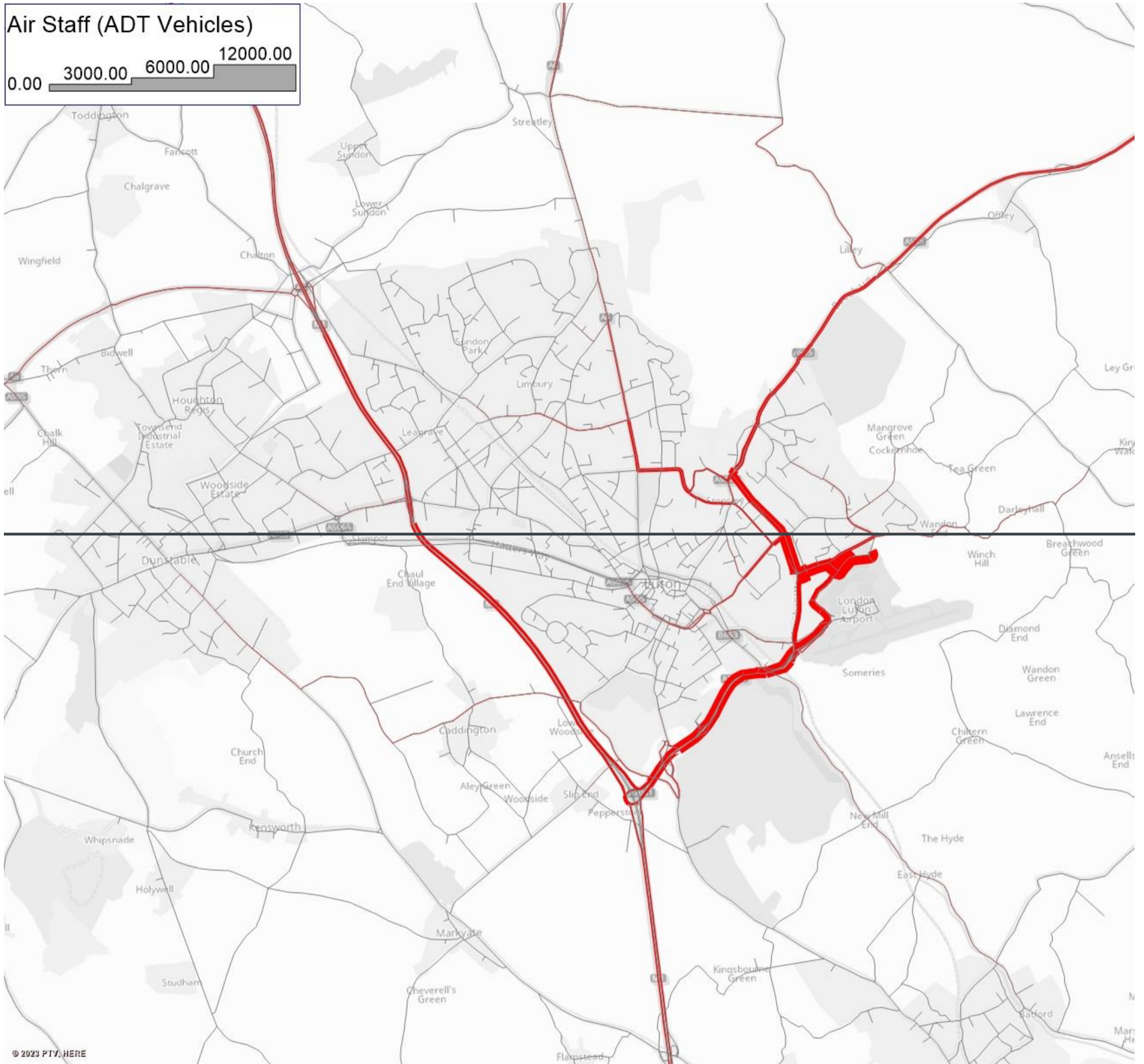
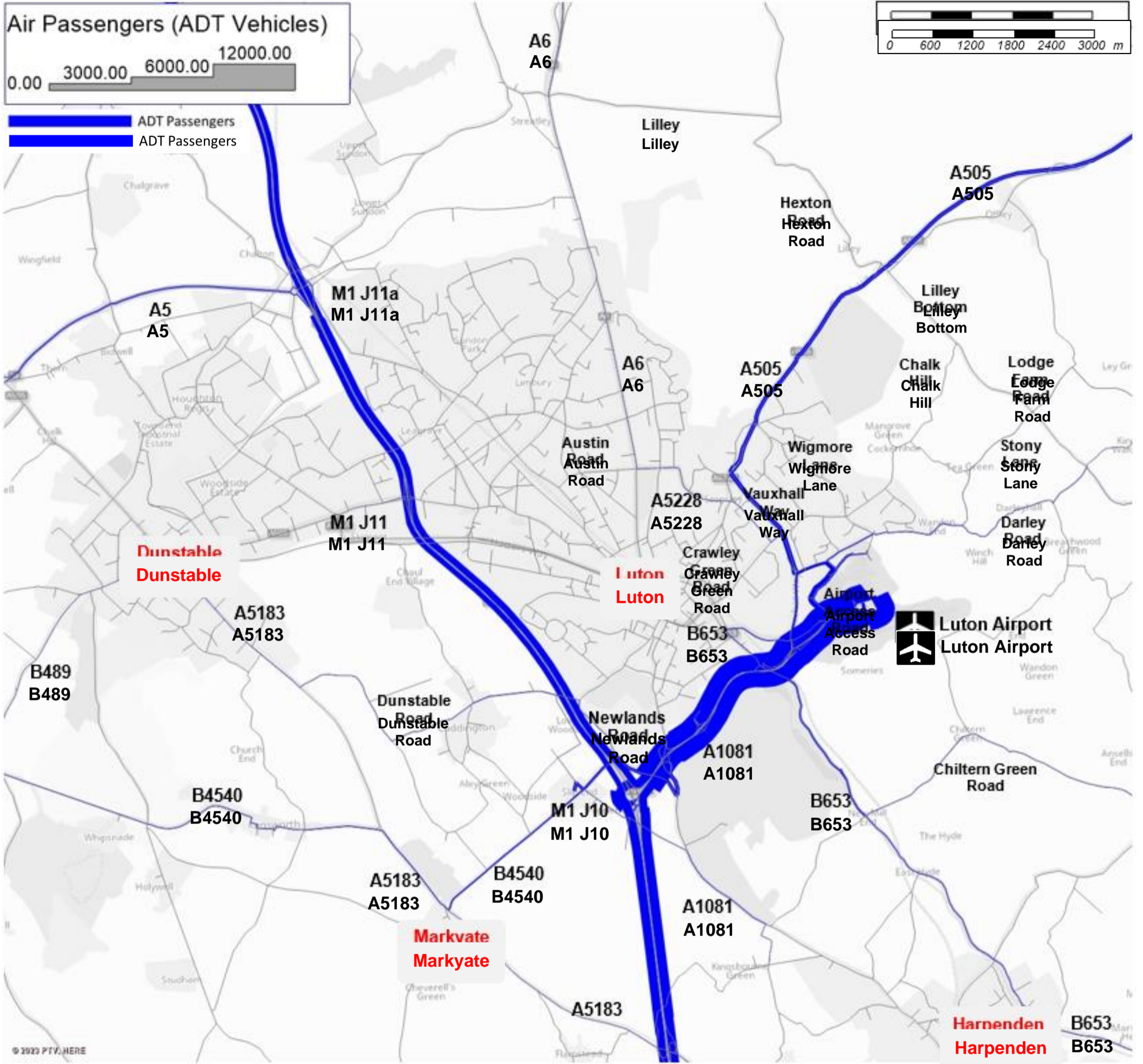


Figure 6 - 2027 With Expansion (21.5mppa) - Staff







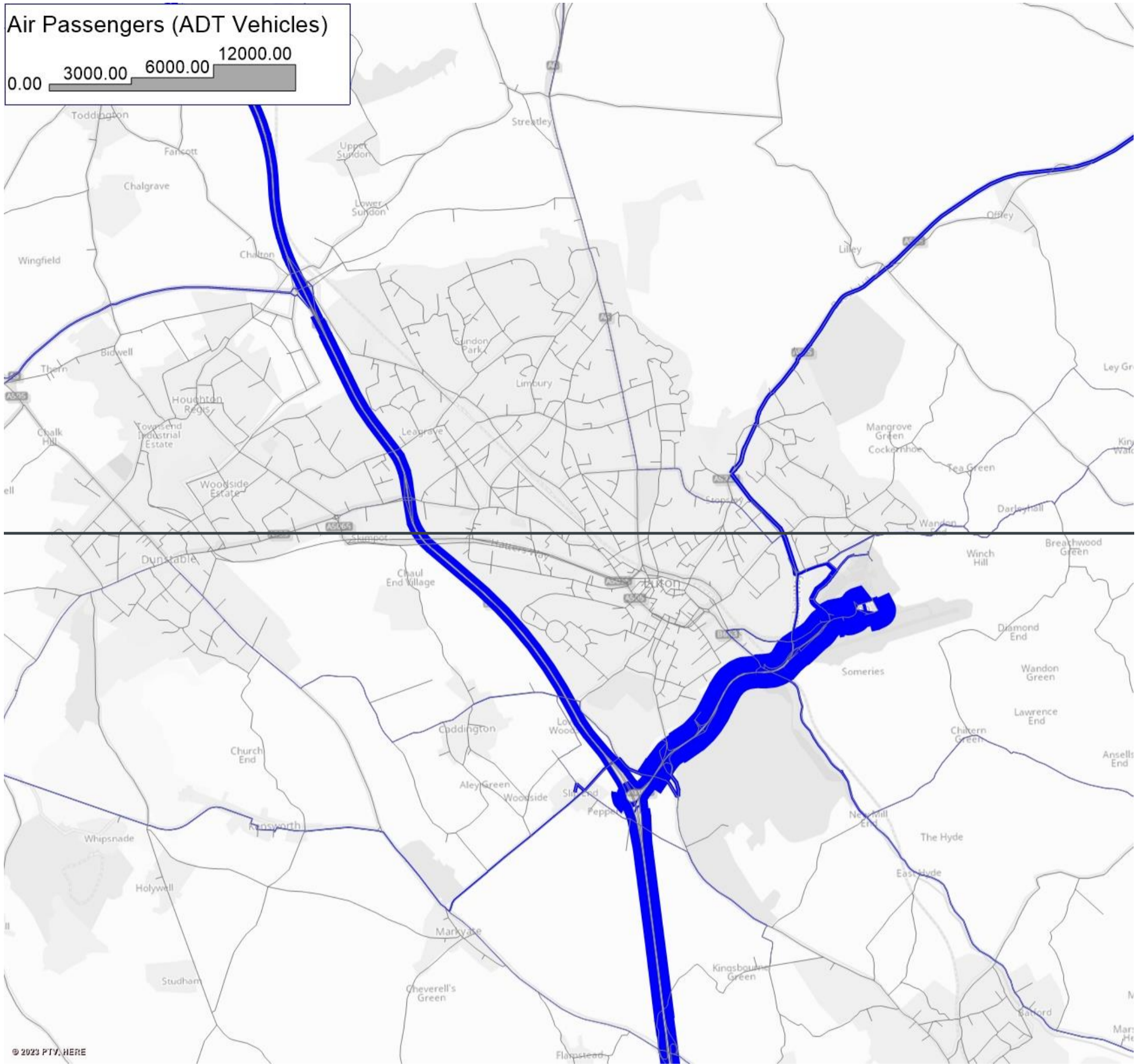
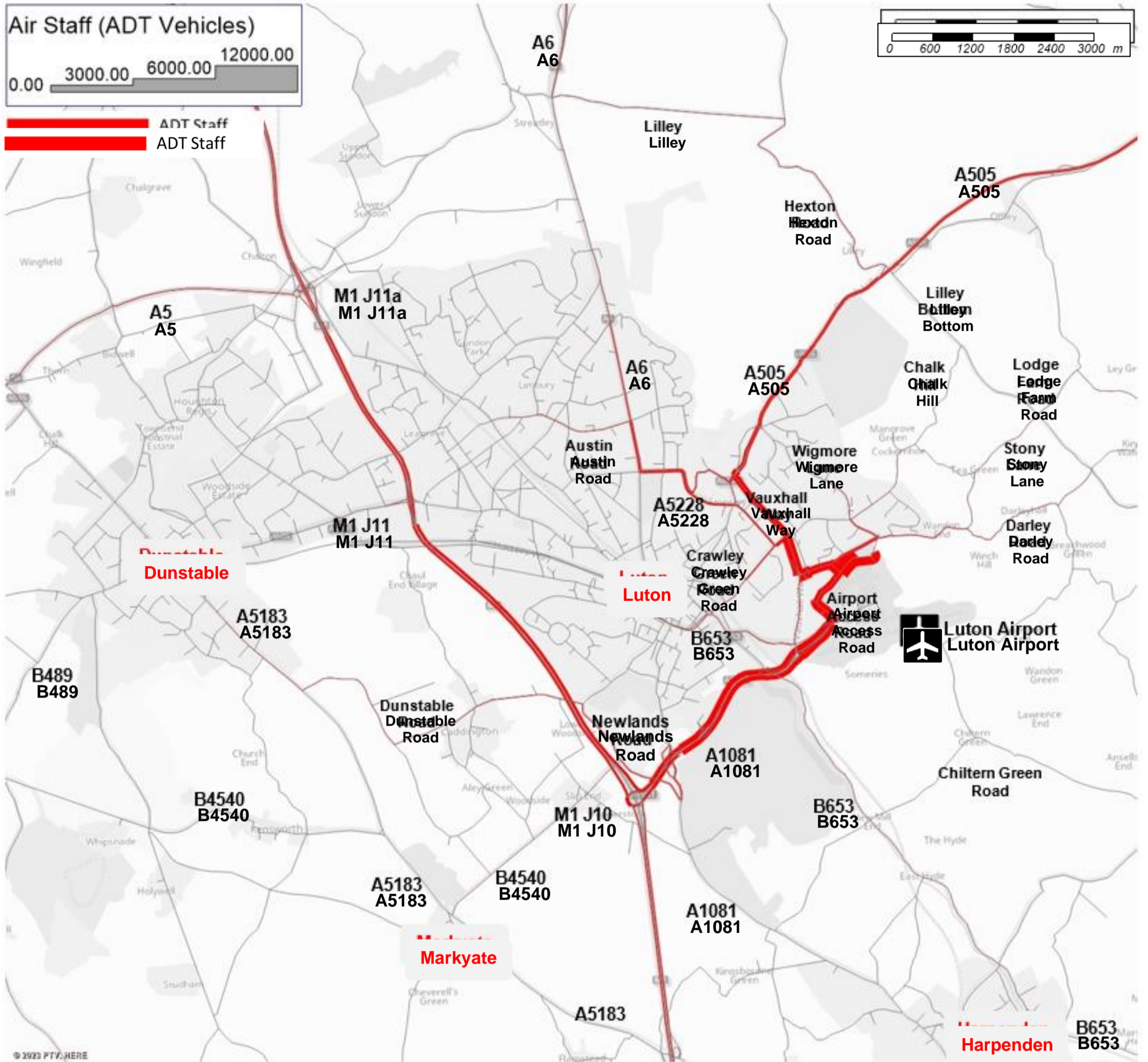


Figure 7 – 2039 Without Expansion (18mppa) - Passengers





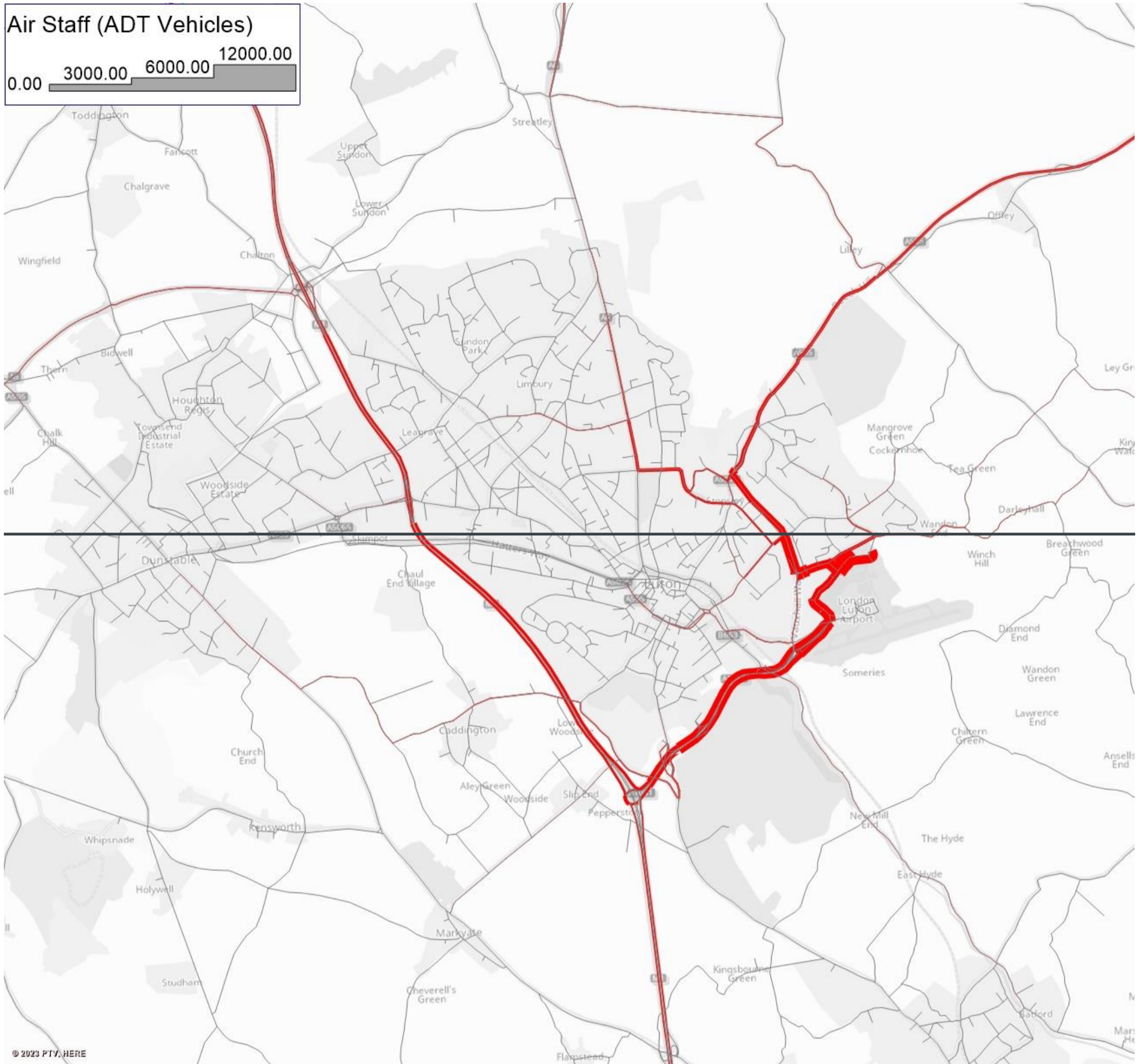
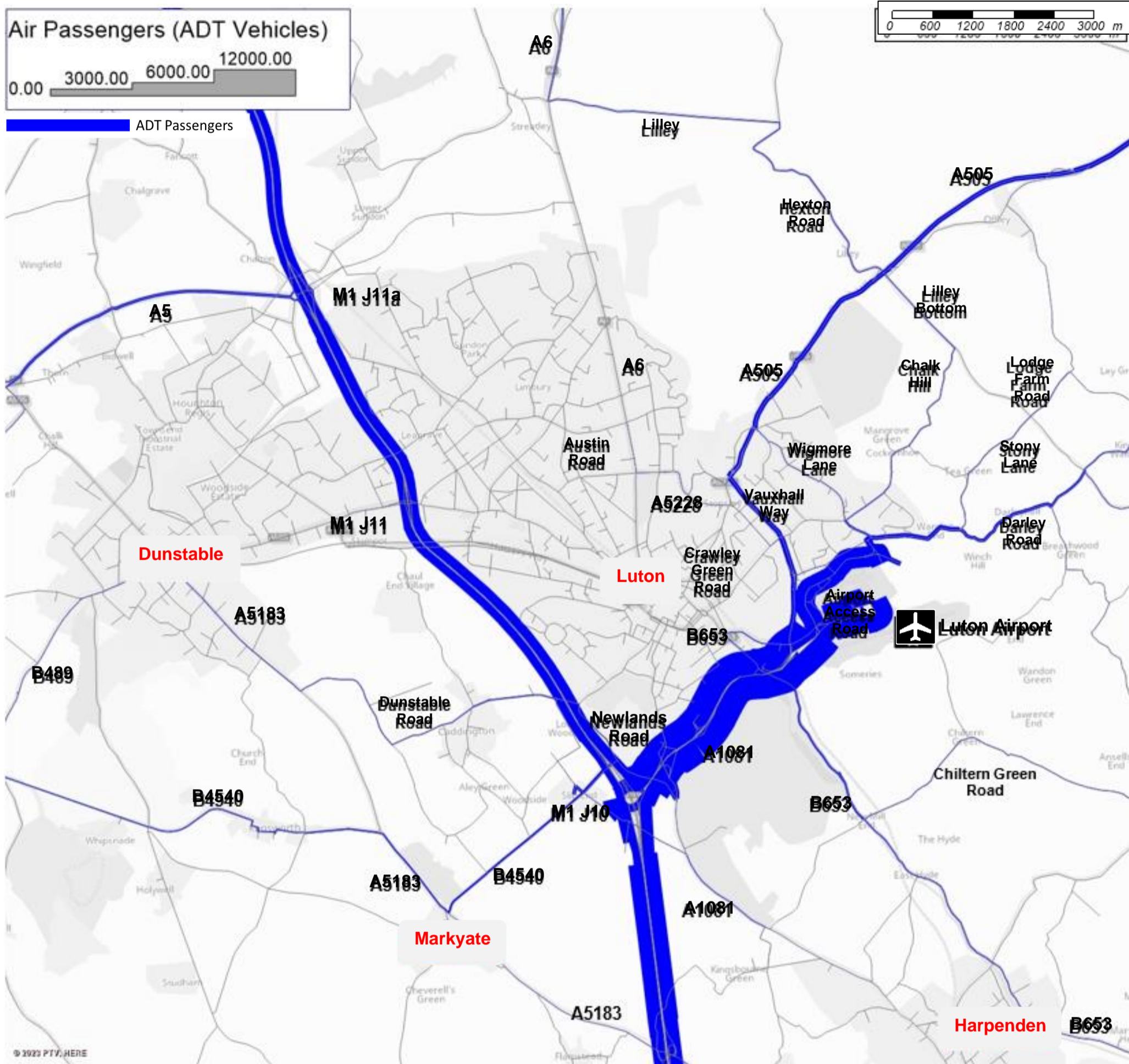


Figure 8 – 2039 Without Expansion (18mppa) - Staff







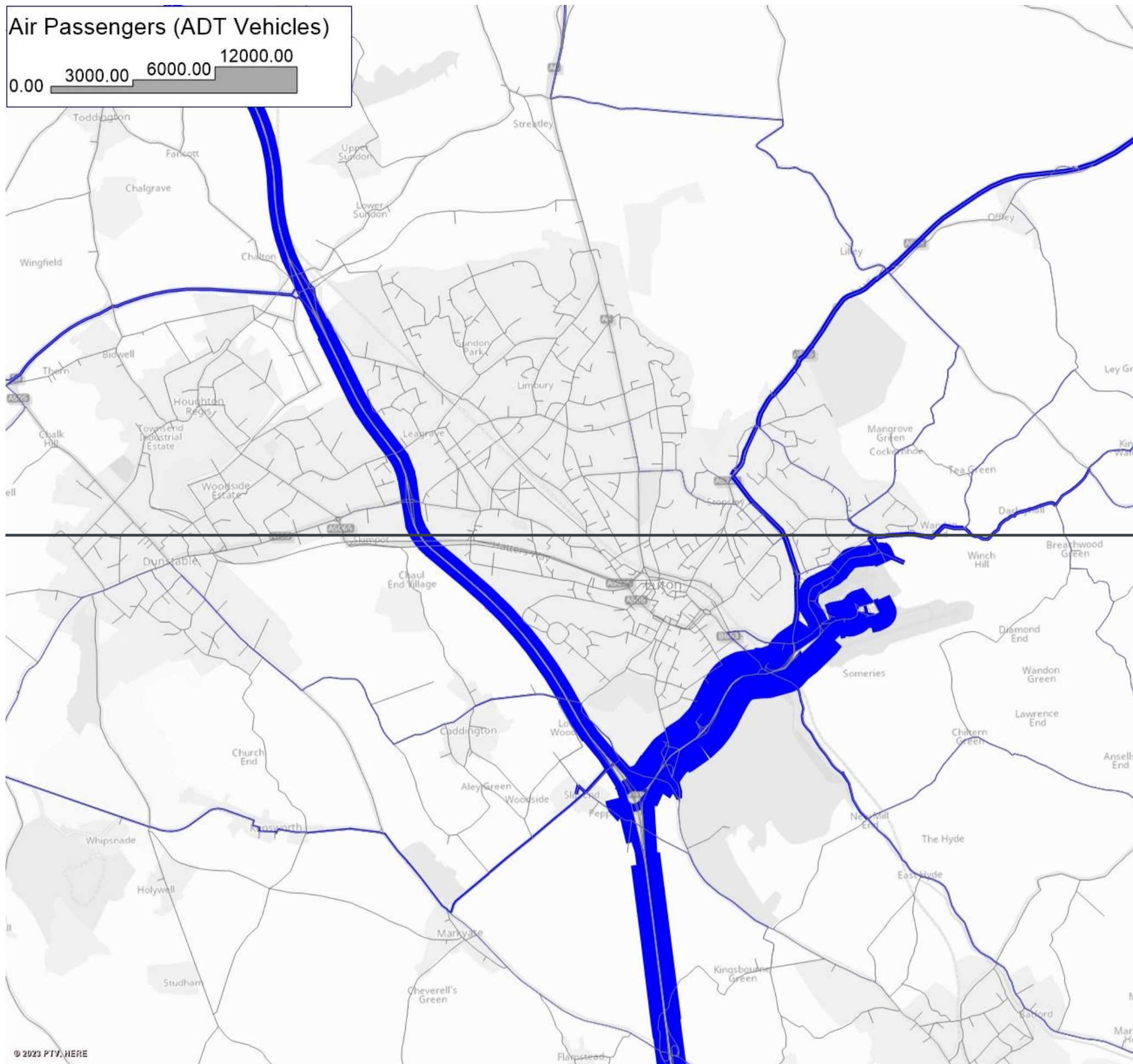


Figure 9 – 2039 With Expansion (27mppa) - Passengers







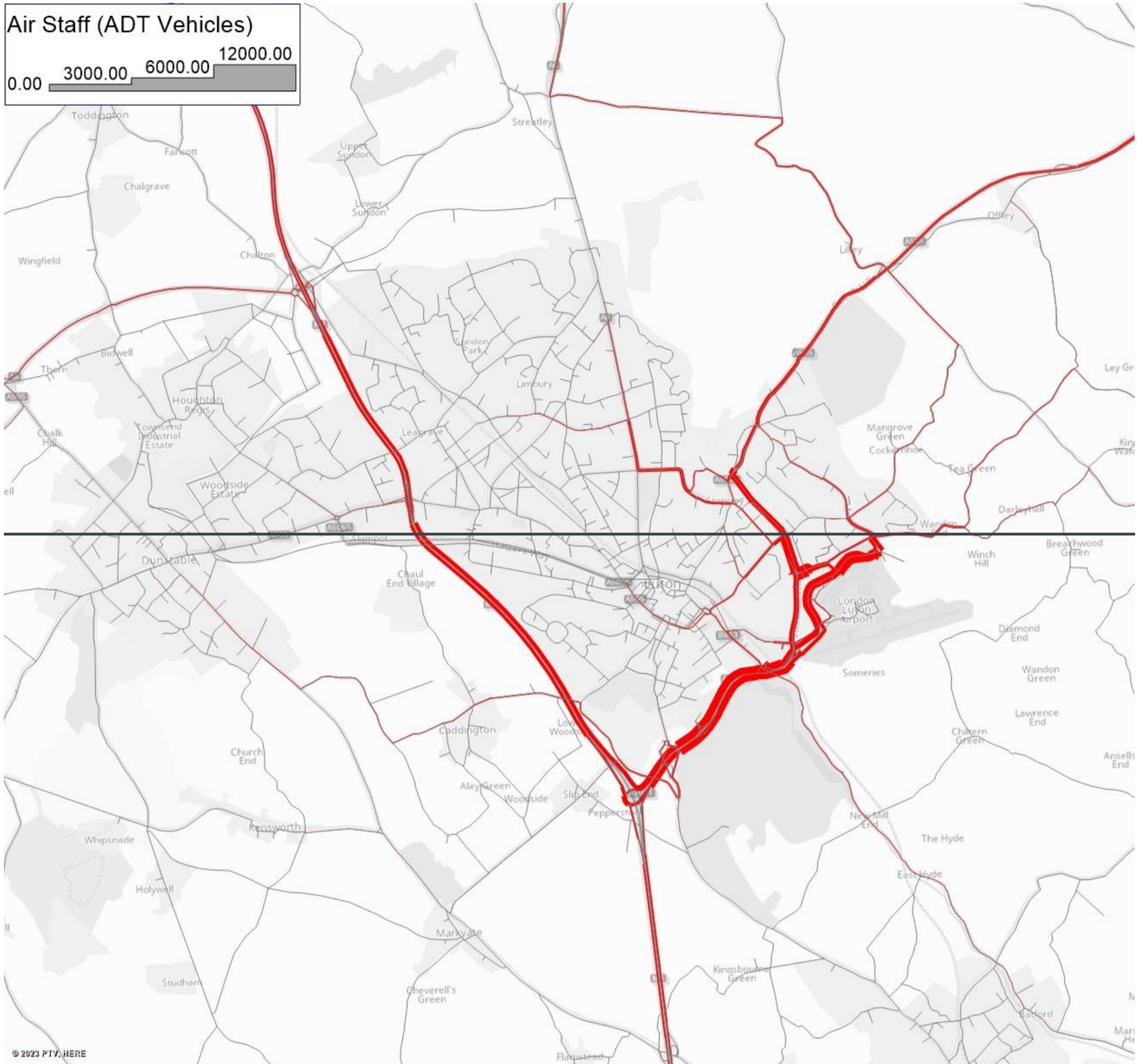


Figure 10 – 2039 With Expansion (27mppa) - Staff







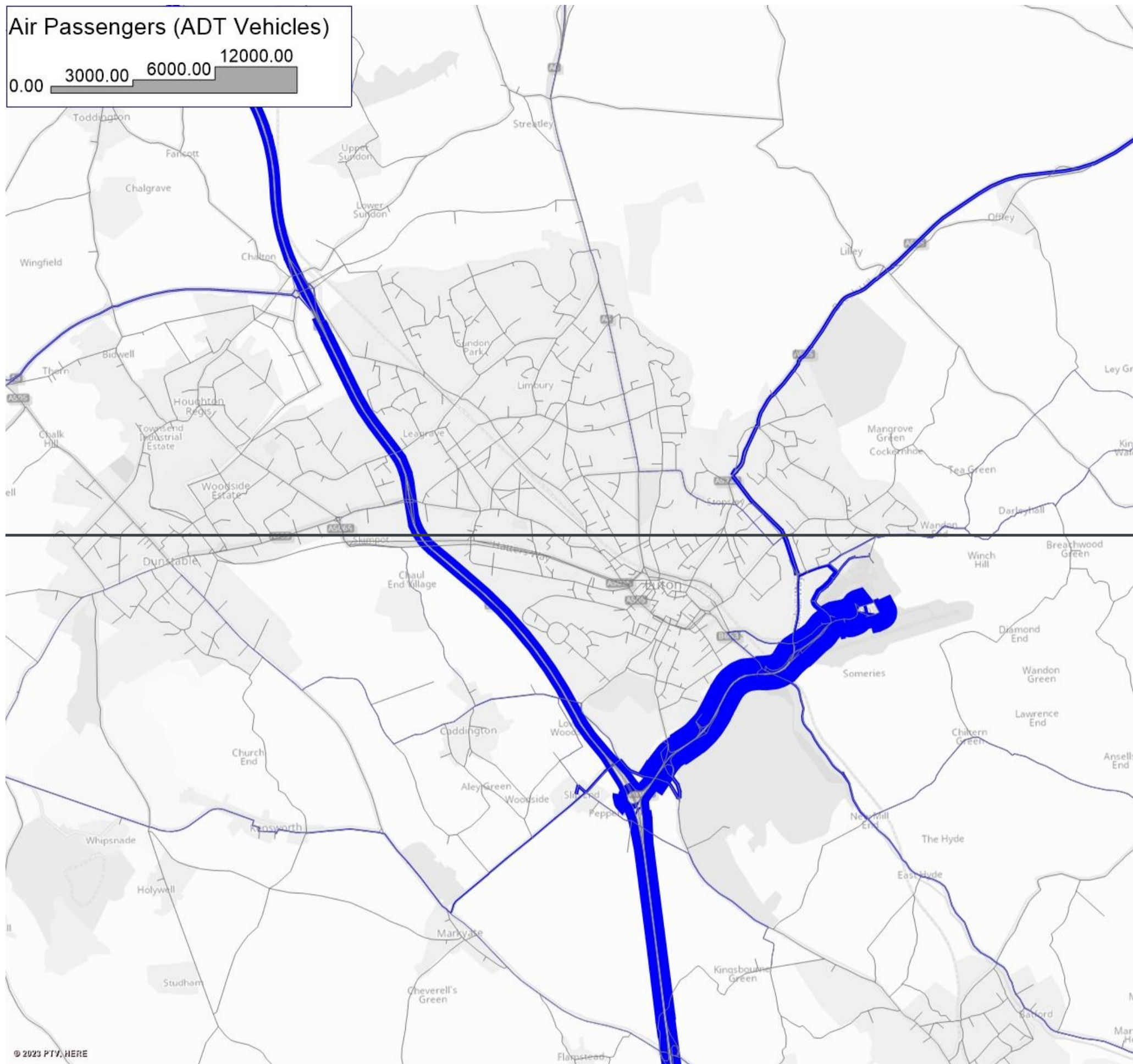
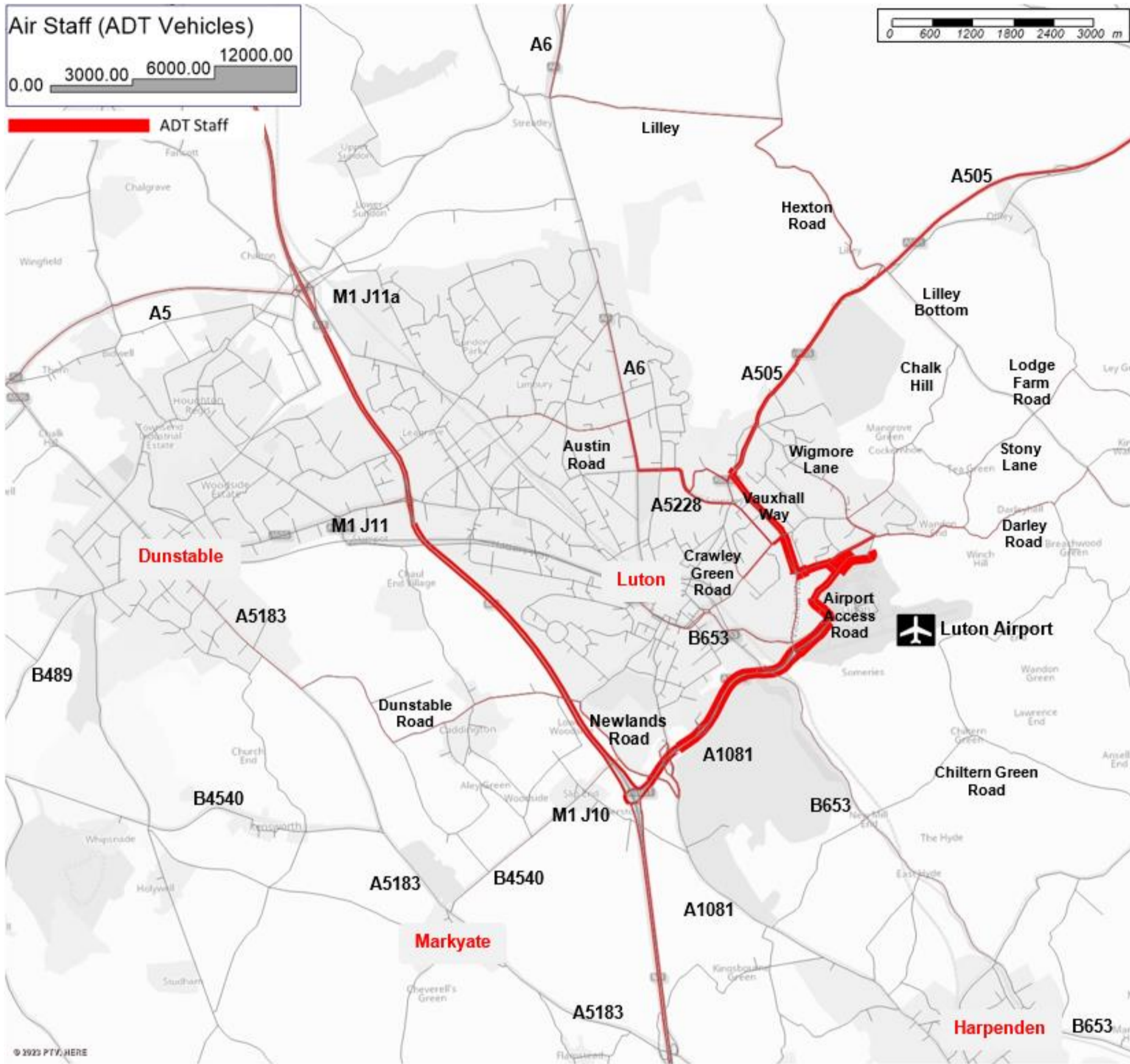


Figure 11 – 2043 Without Expansion (18mppa) - Passengers















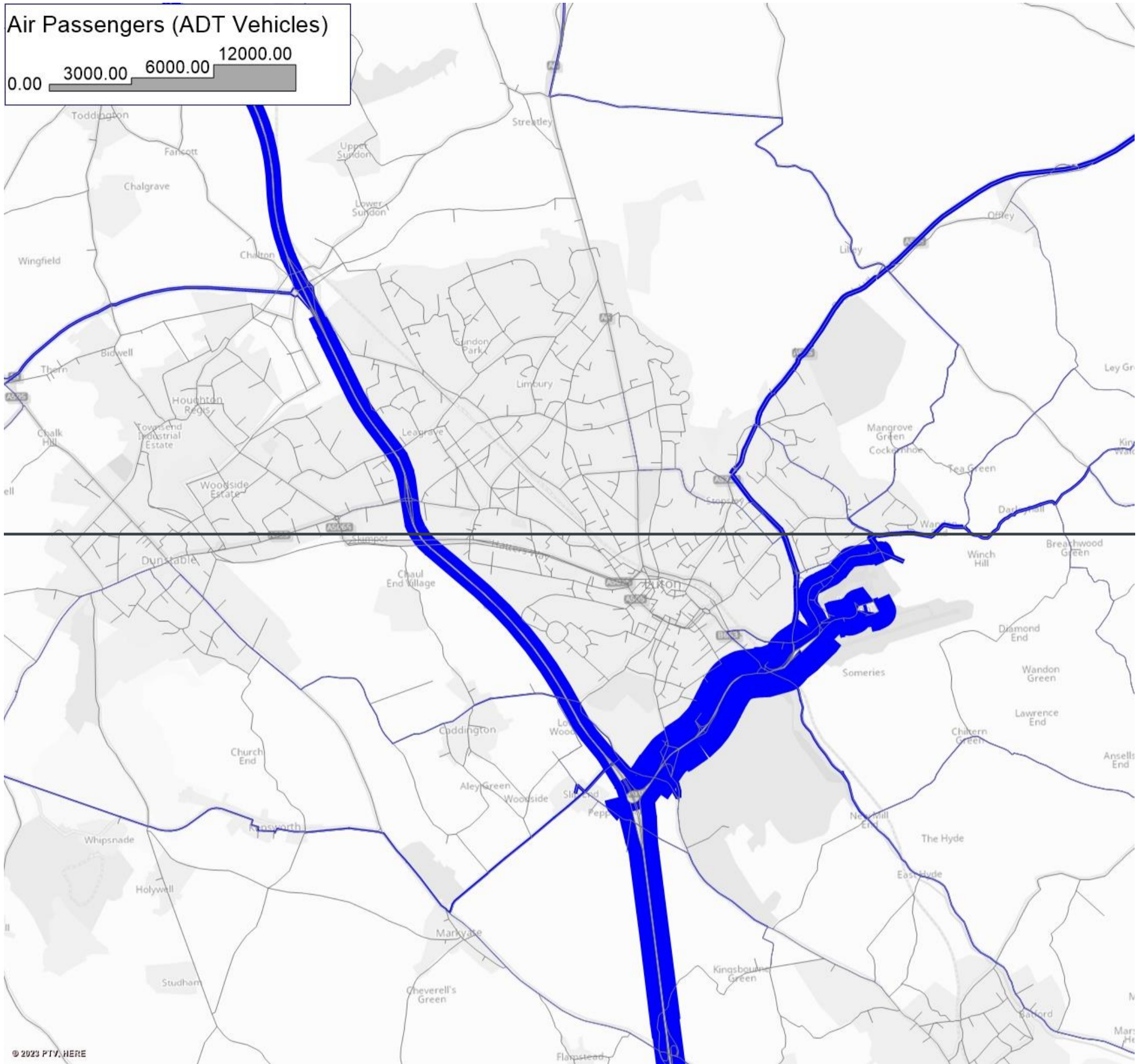
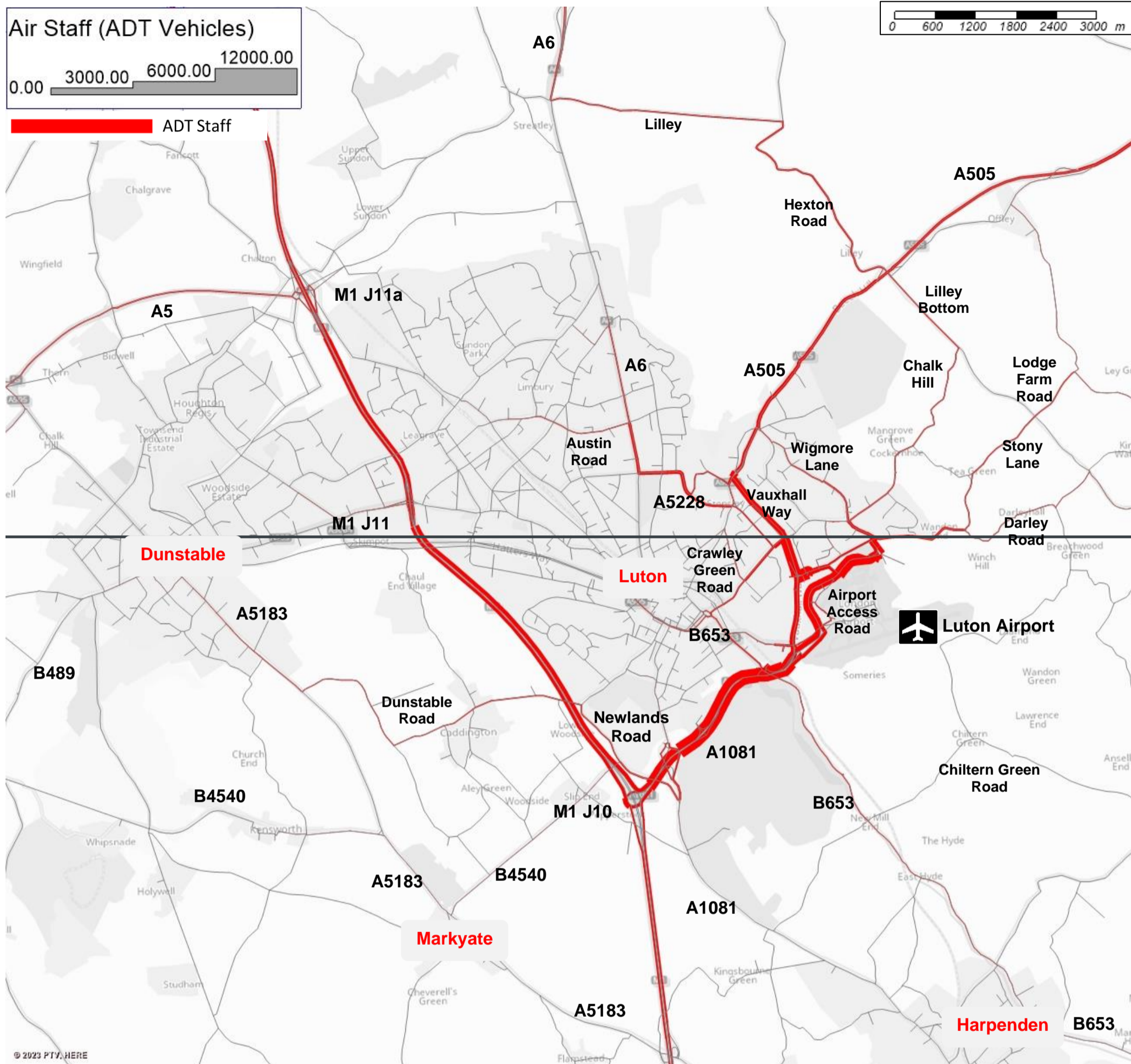


Figure 13 - 2043 With Expansion (32mppa) - Passengers







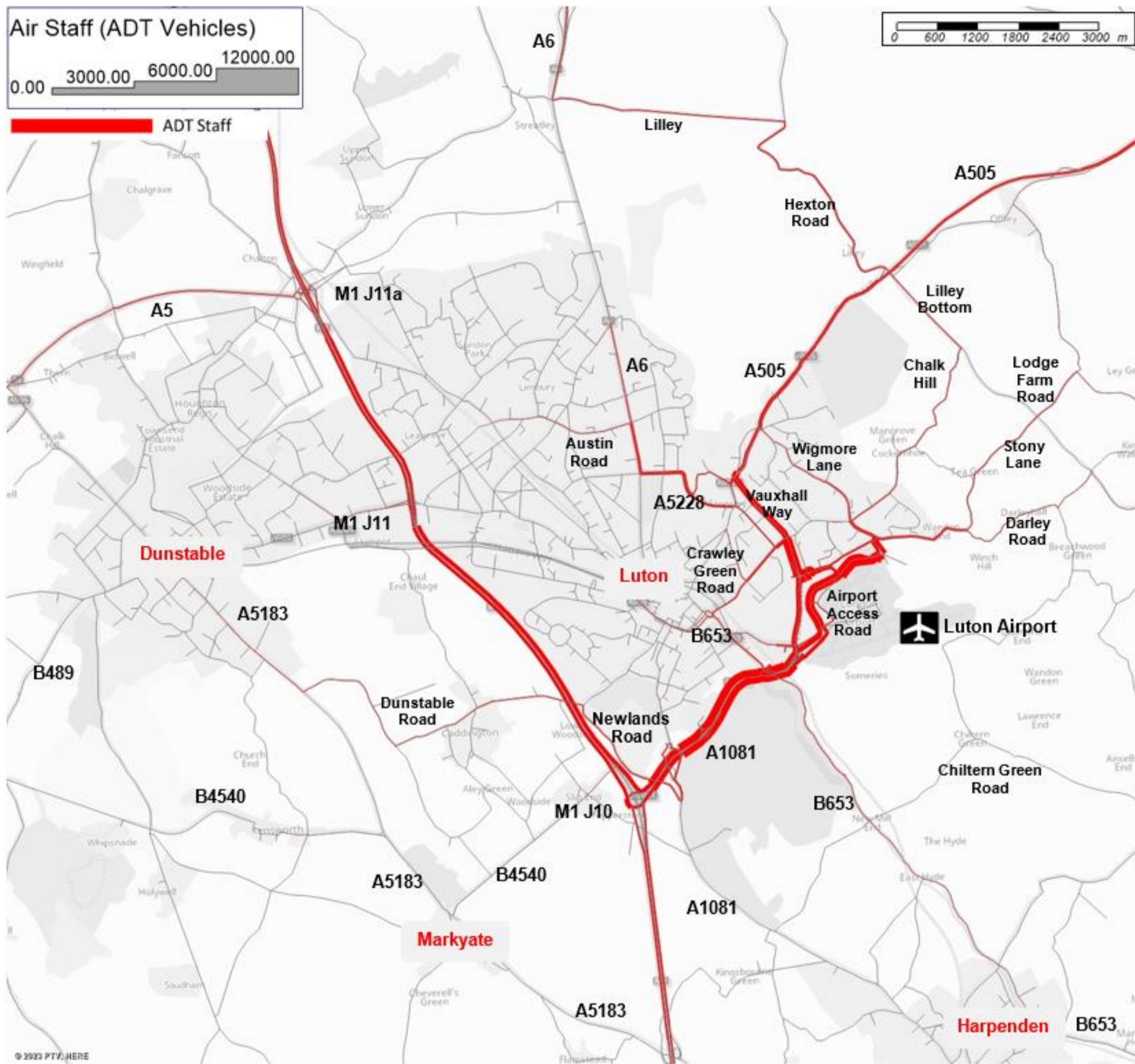


Figure 14 – 2043 With Expansion (32mppa) - Staff







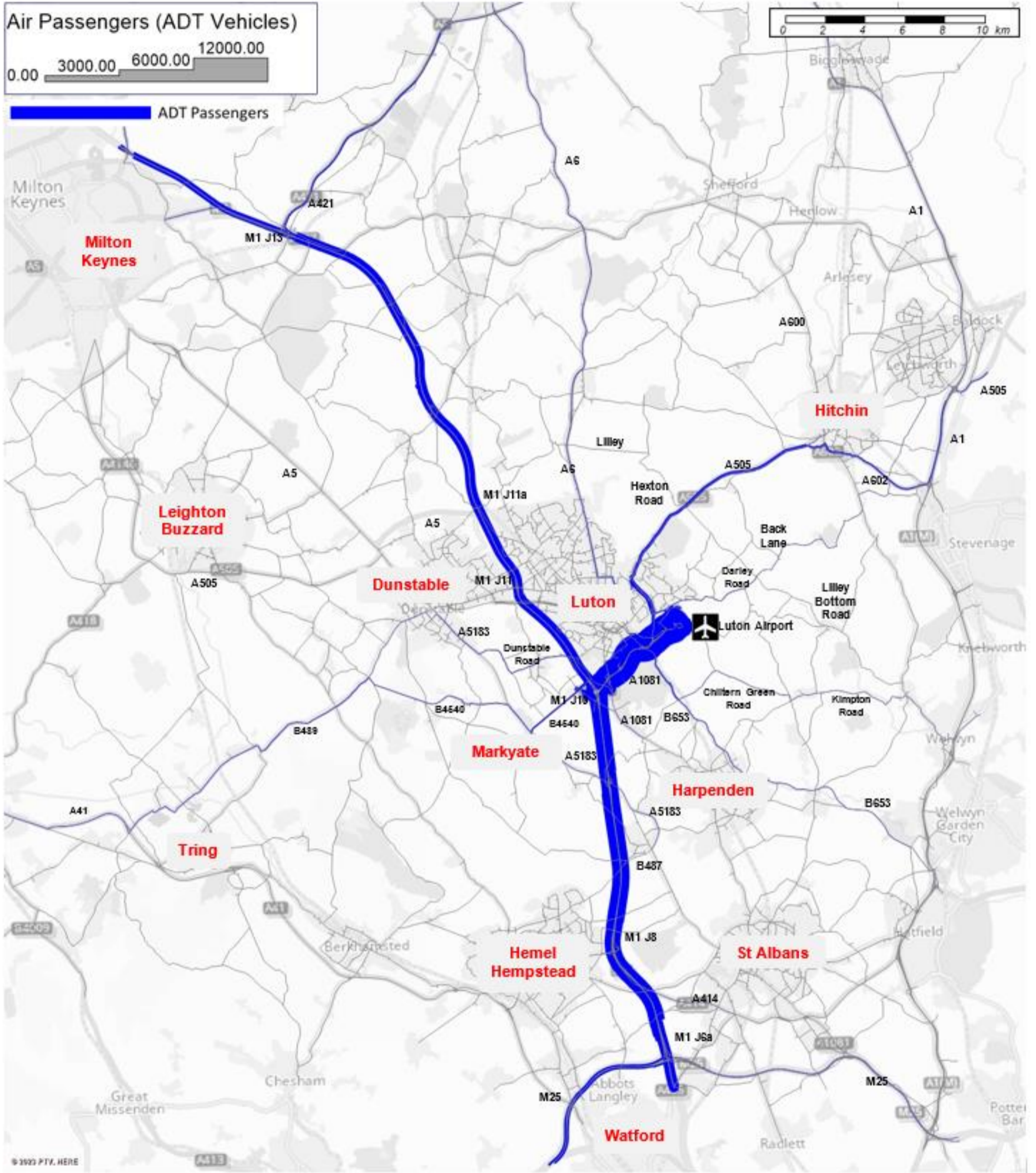


Figure 15 - 2016 Base - Passengers









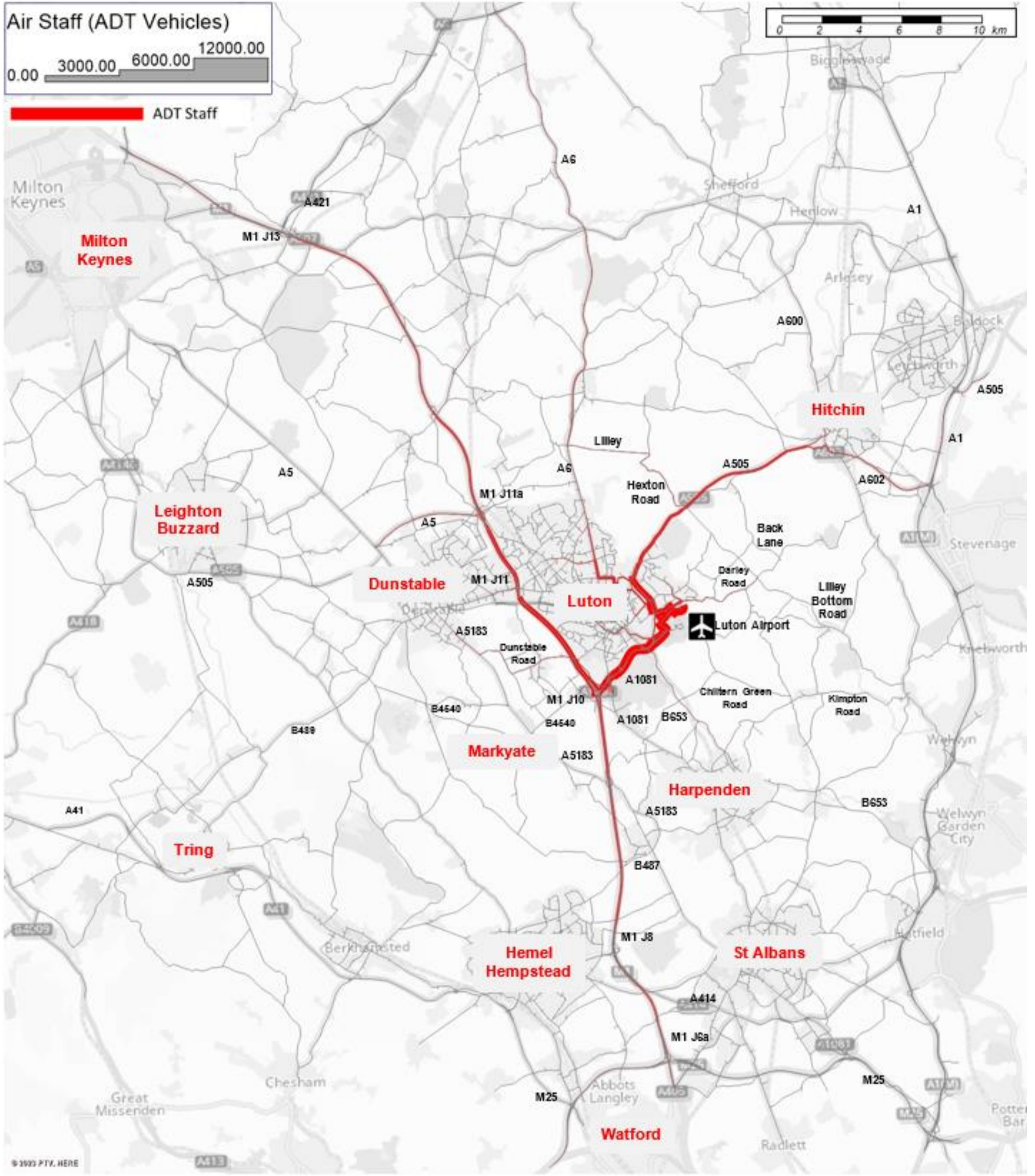














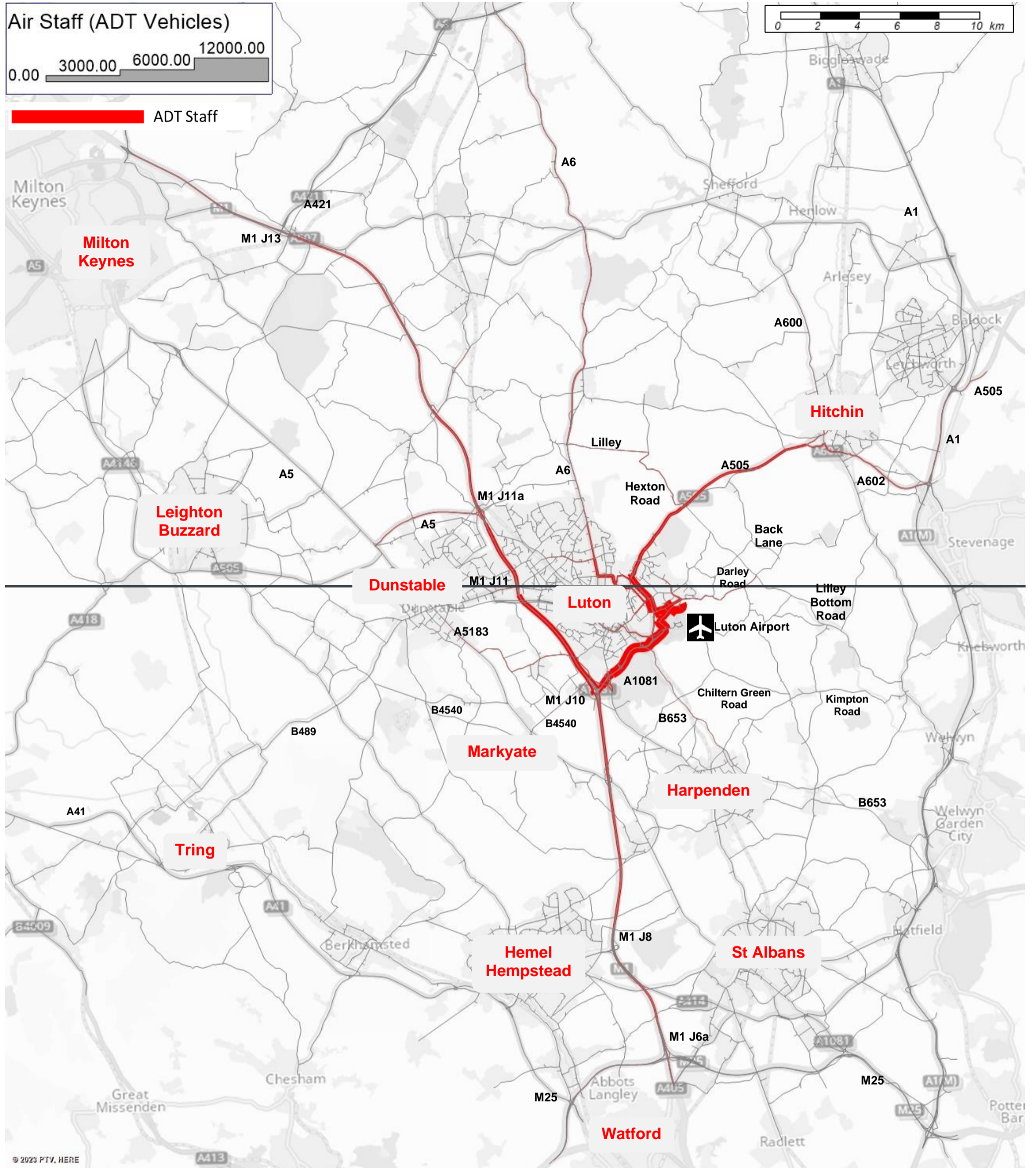


Figure 18 - 2027 Without Expansion (18mppa) - Staff







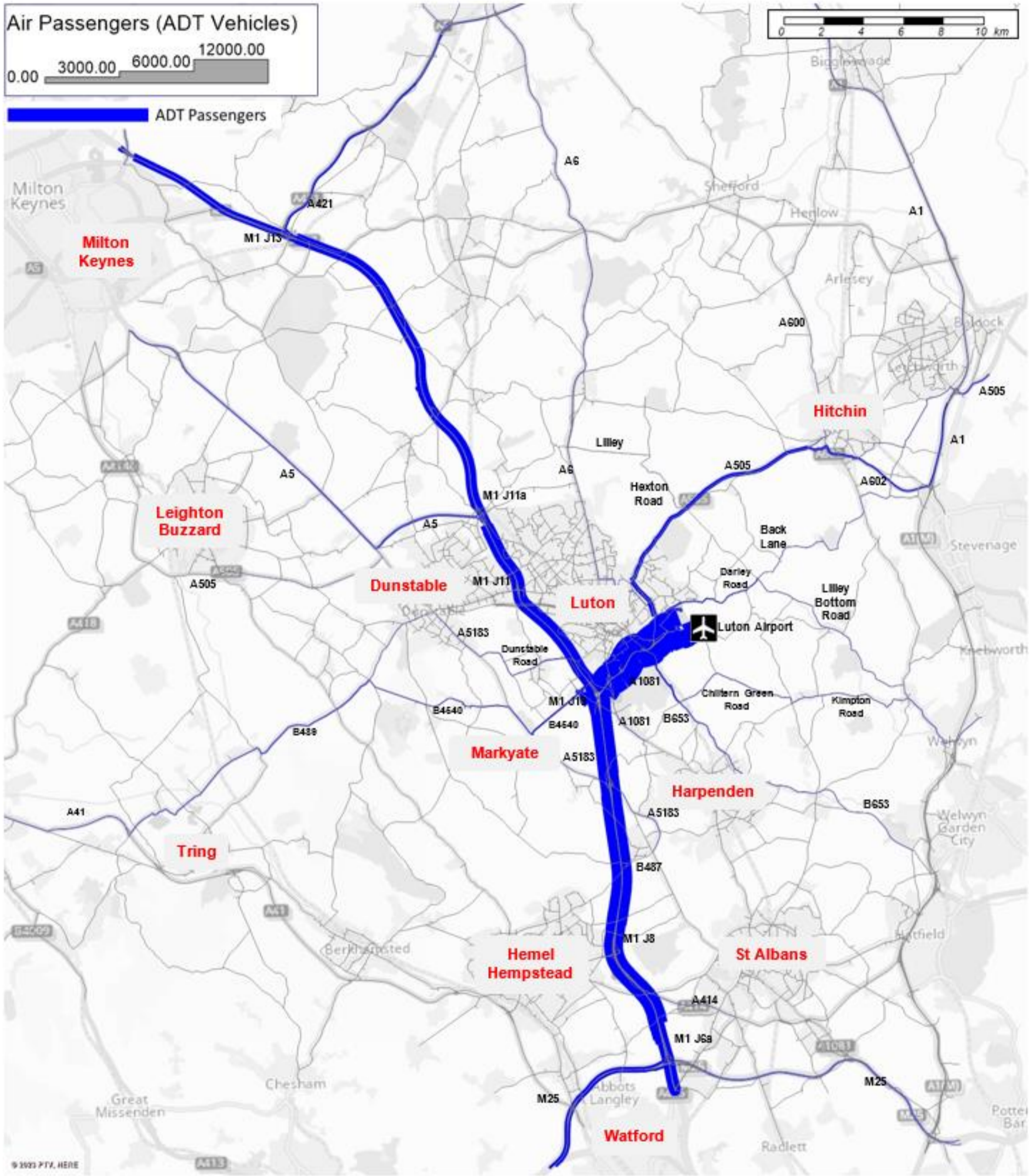


Figure 19 - 2027 With Expansion (21.5mppa) - Passengers

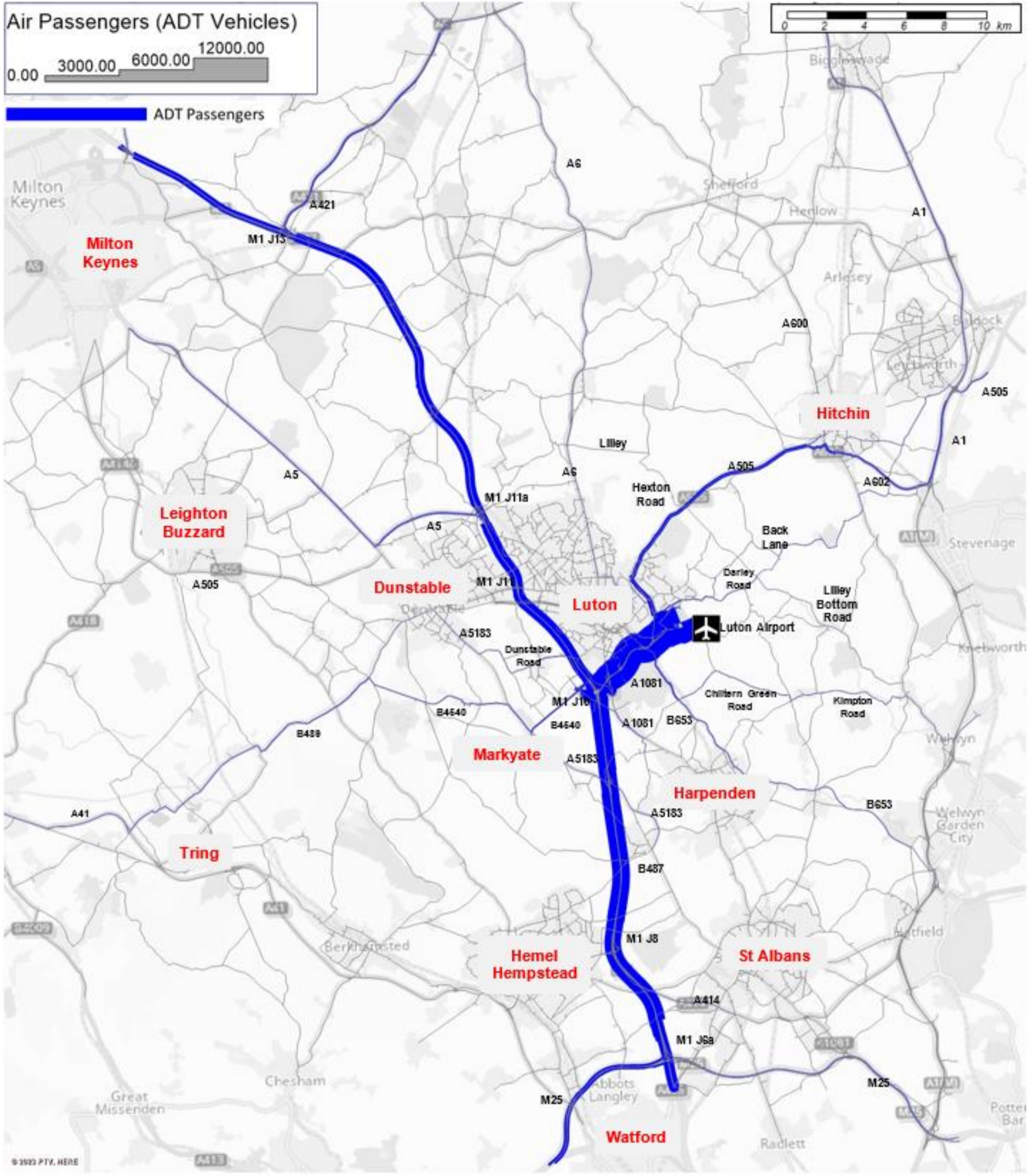














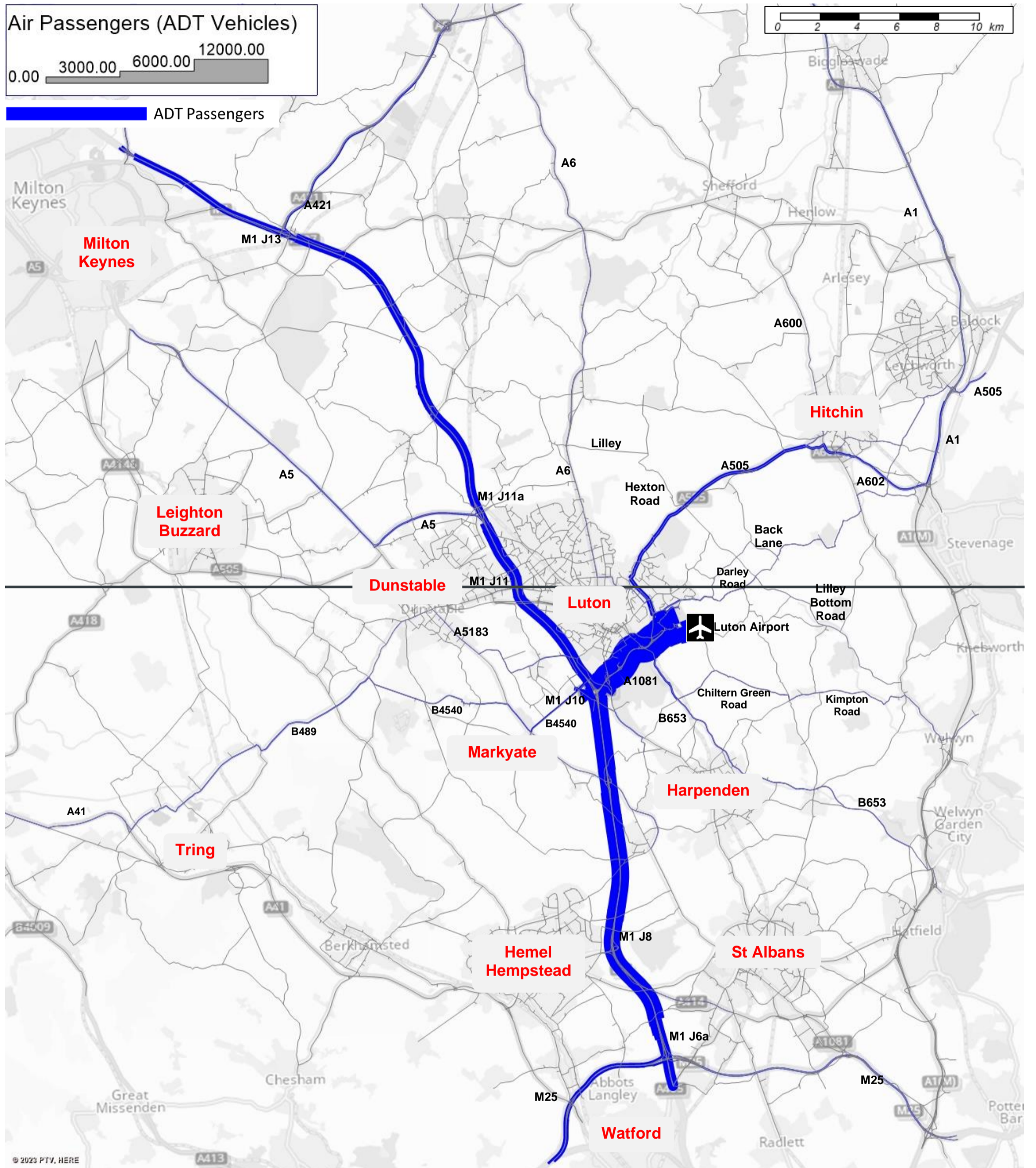
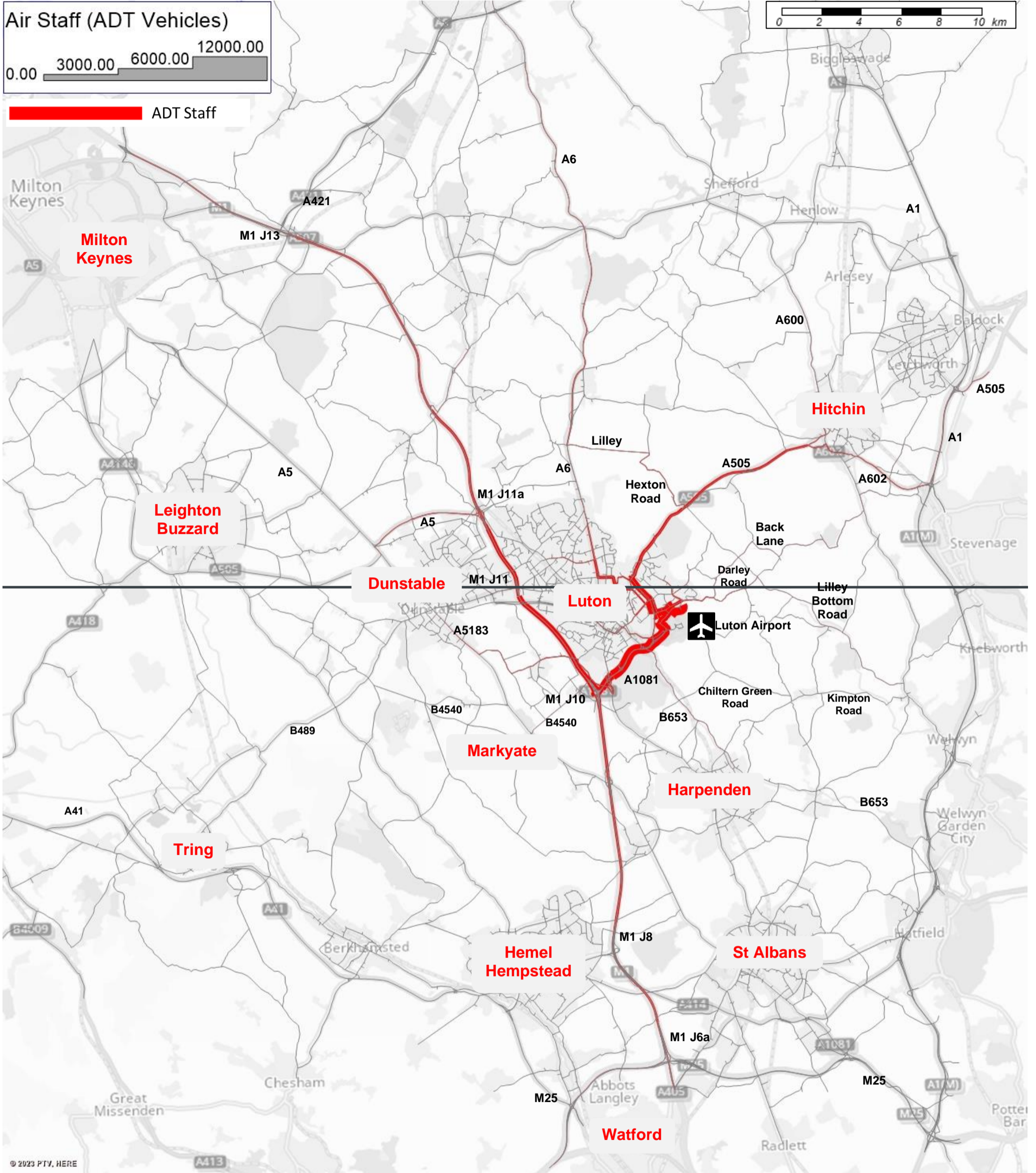


Figure 21 - 2039 Without Expansion (18mppa) – Passengers

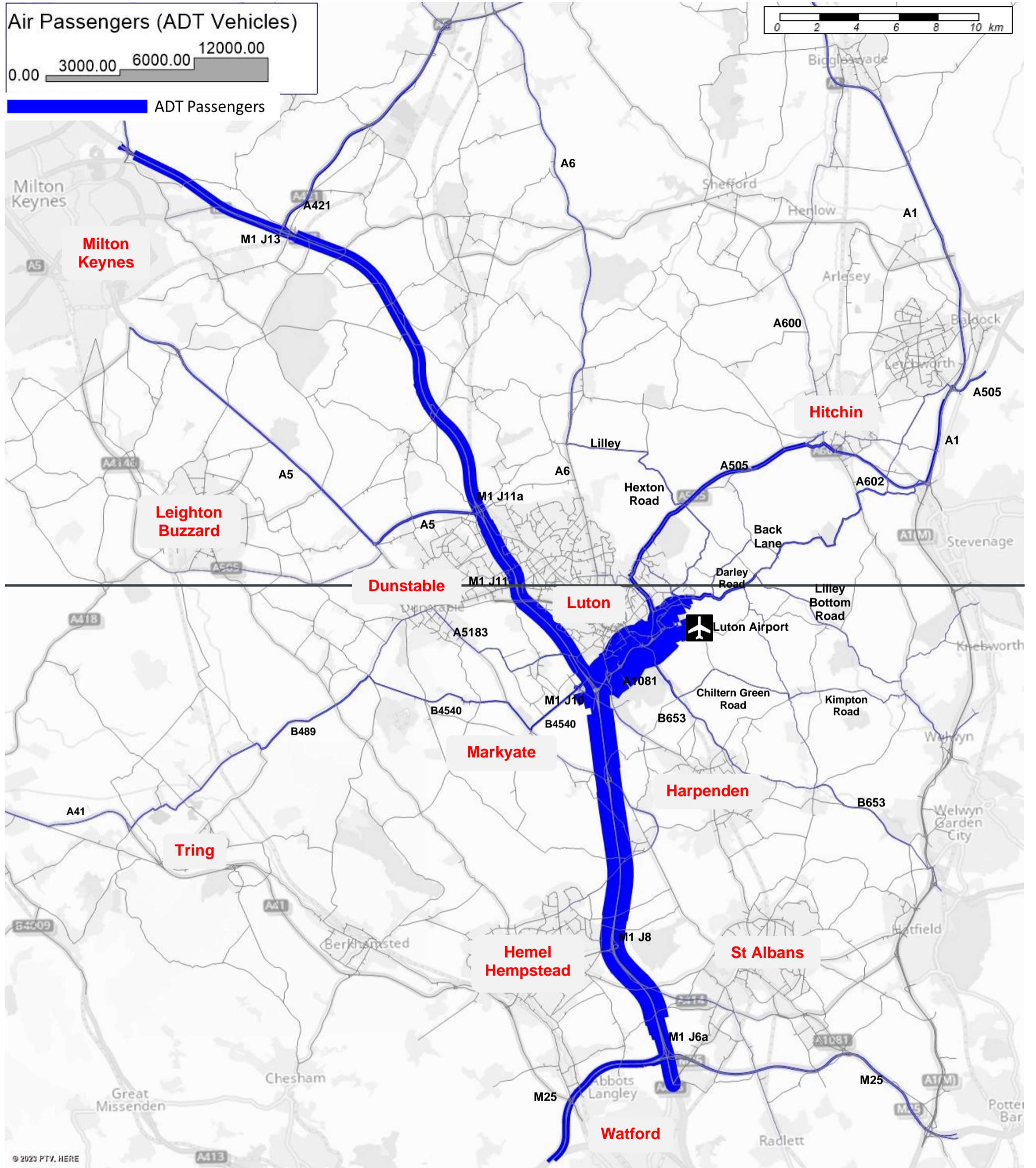














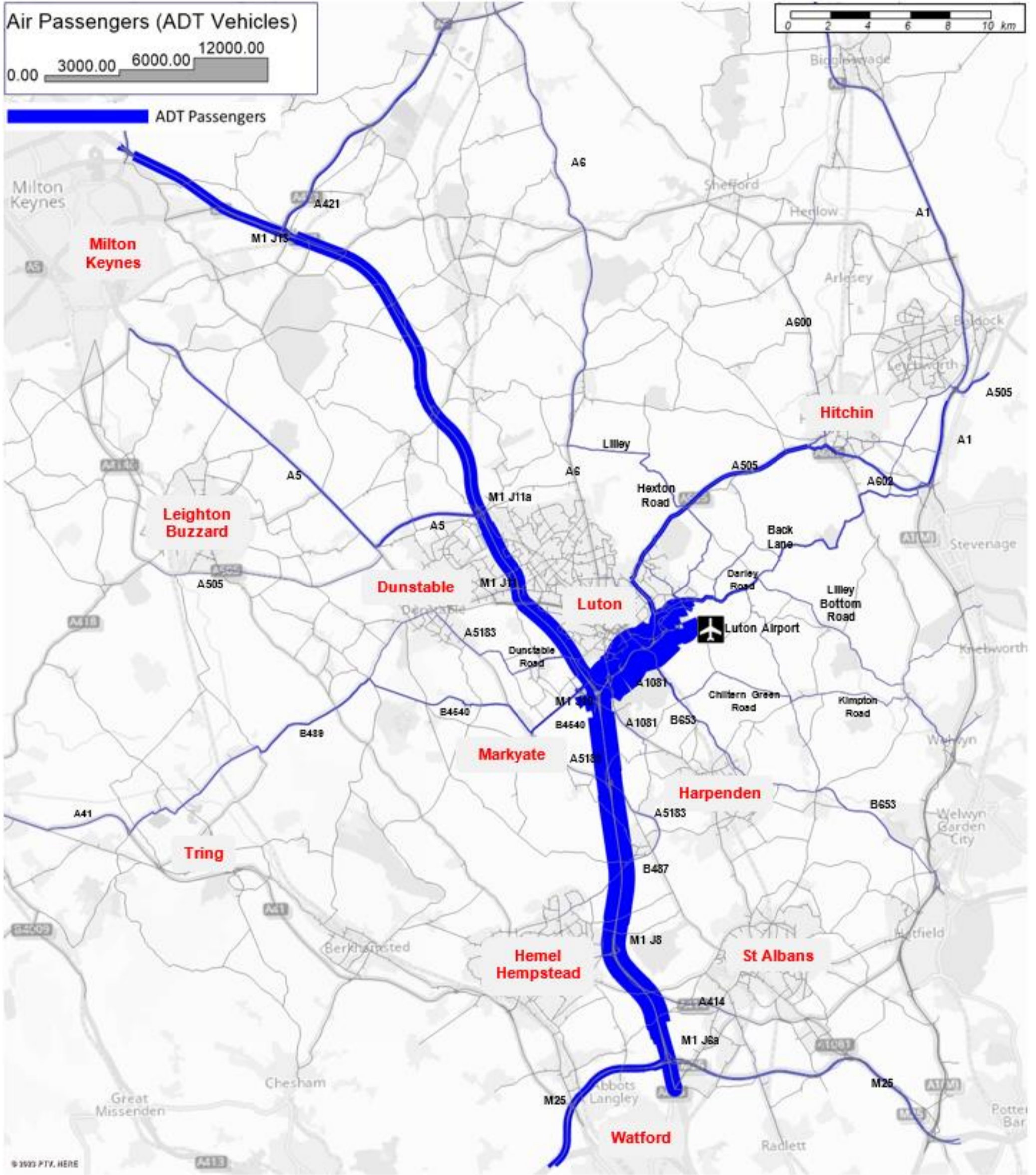


Figure 23 – 2039 With Expansion (27mppa) - Passengers







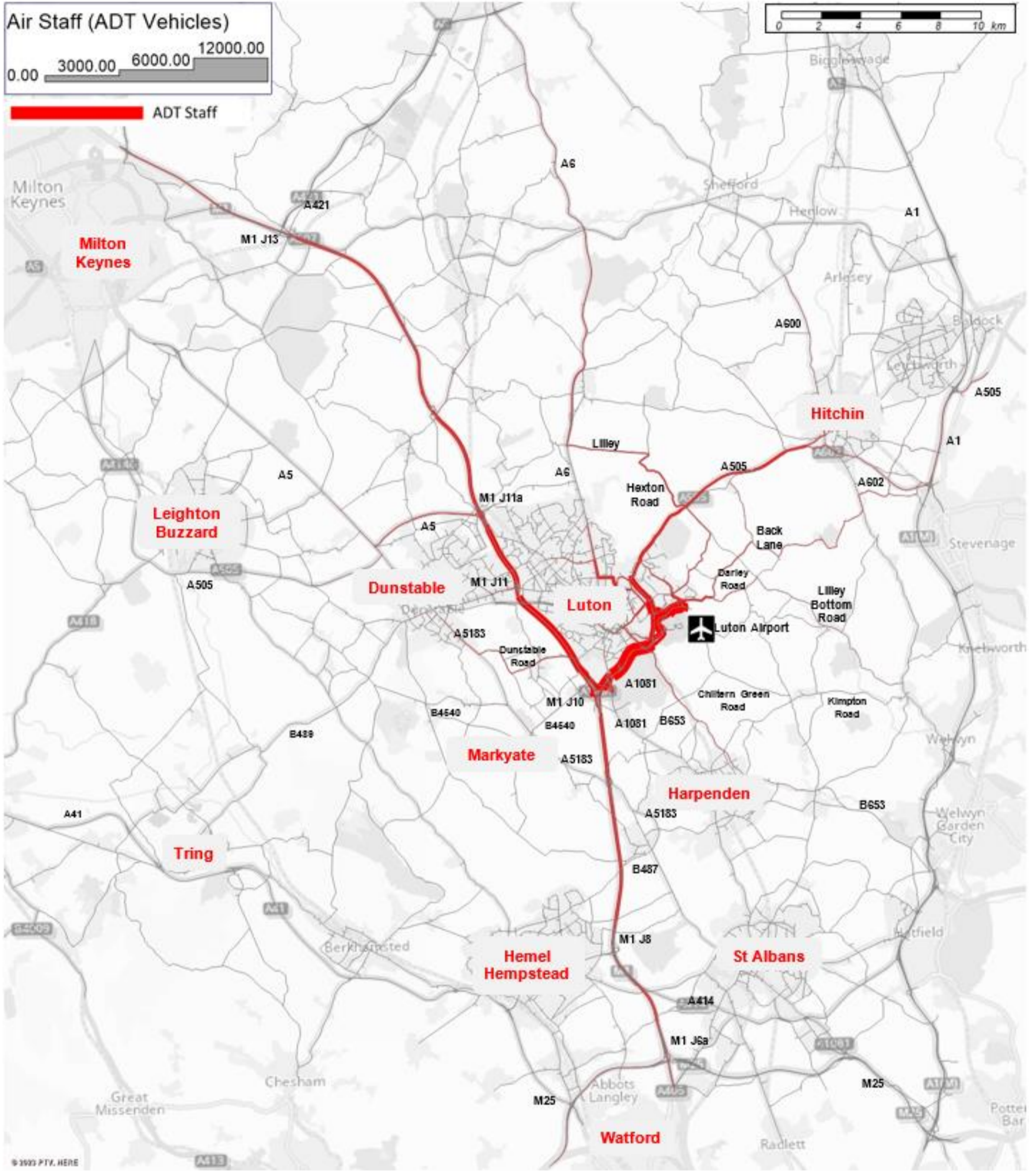


Figure 24 – 2039 With Expansion (27mppa) - Staff







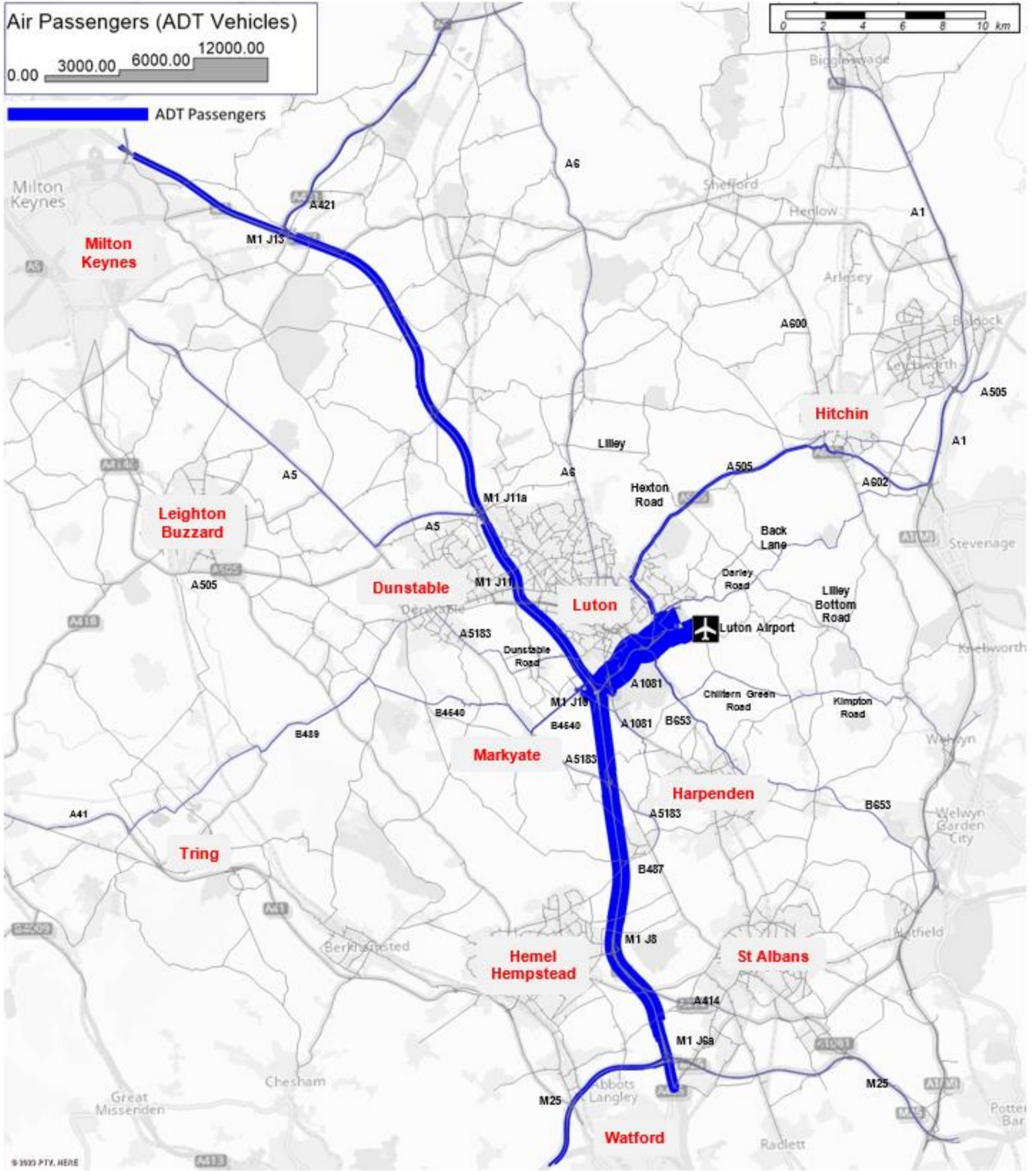


Figure 25 - 2043 Without Expansion (18mppa) - Passengers







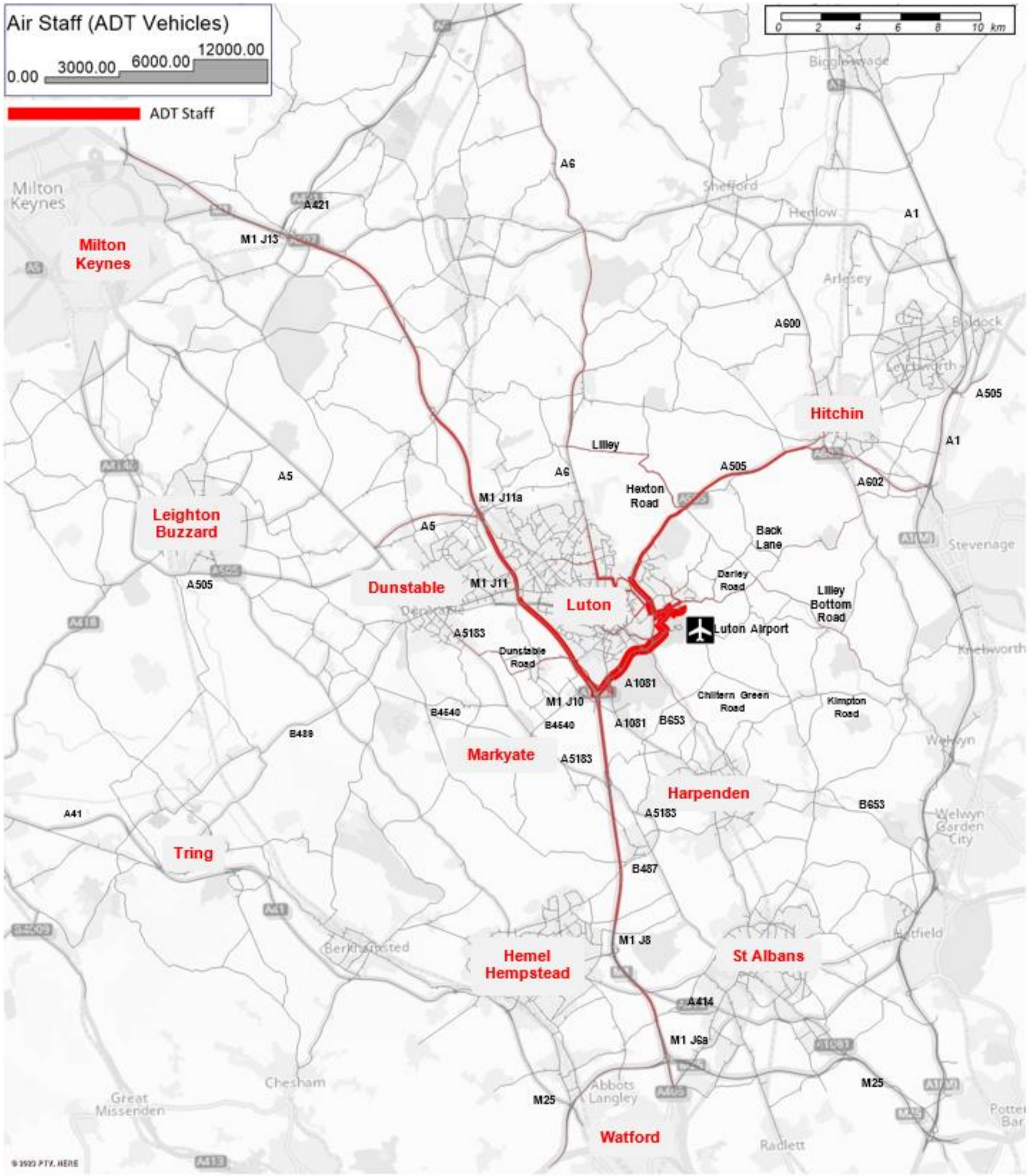


Figure 26 - 2043 Without Expansion (18mppa) - Staff







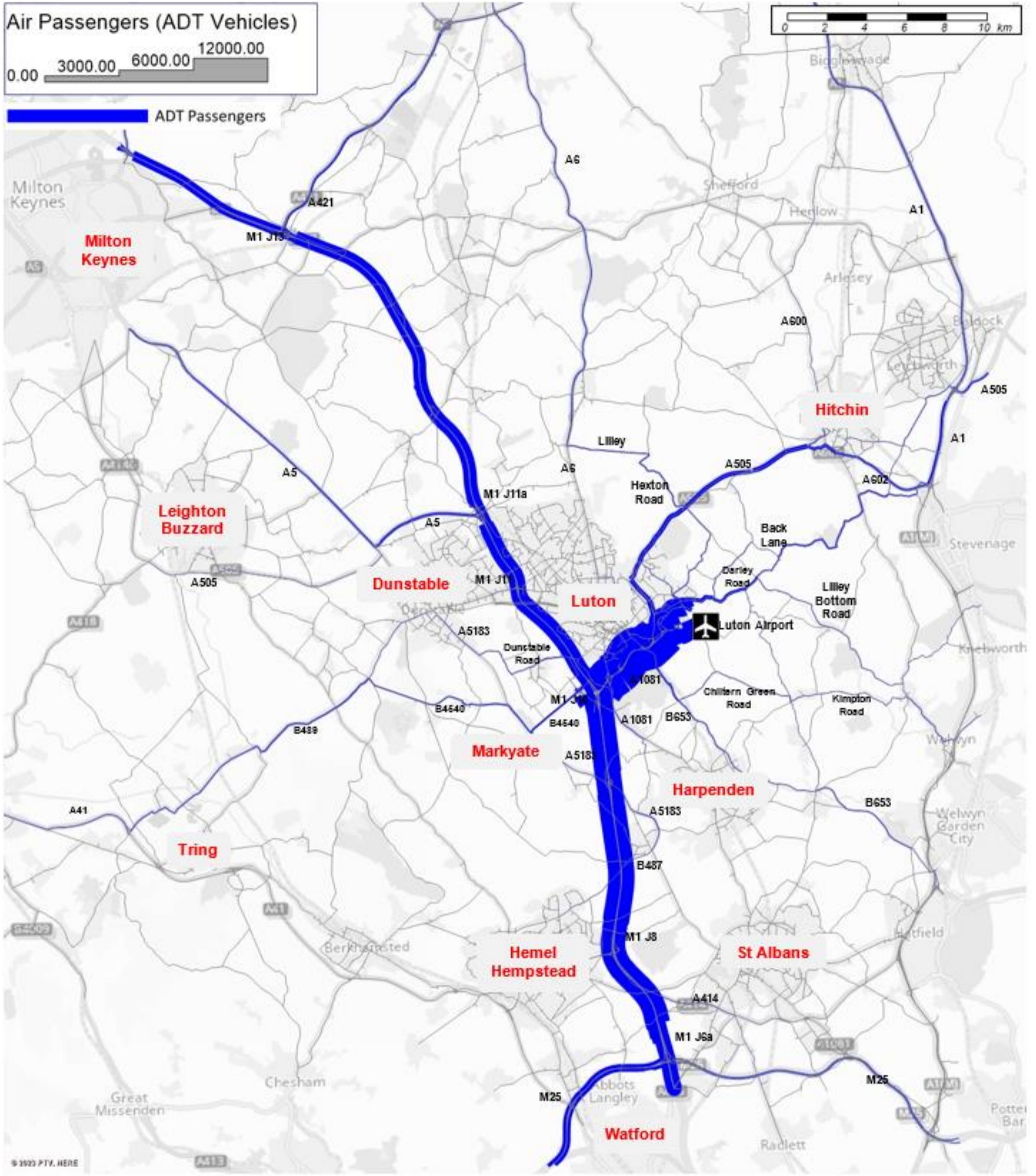


Figure 27 - 2043 With Expansion (32mppa) - Passengers







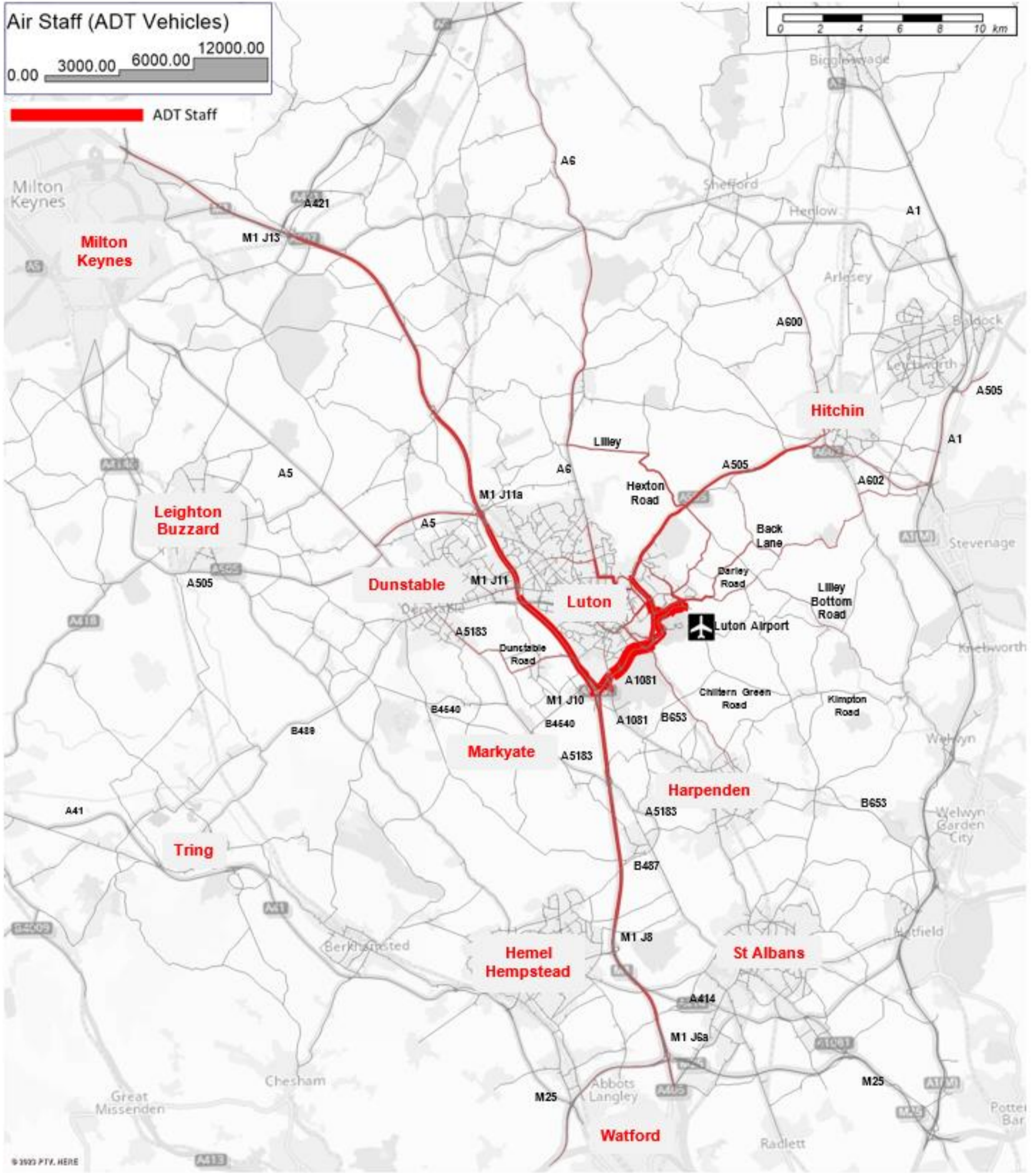


Figure 28 - 2043 With Expansion (32mppa) - Staff