

November 2023

London Luton Airport Expansion

Planning Inspectorate Scheme Ref: TR020001

Volume 8 Additional Submissions (Examination)

8.30 Trip Distribution Plans

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**

8.30 TRIP DISTRIBUTION PLANS

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

Version	Date	Status of Version
Issue 1	November 2023	Additional Submission - Deadline 4
Revision 1	November 2023	Additional Submission - Deadline 5

Contents

	Page
1 Introduction	1
2 Luton Area Plots	2
3 Wider Area Plots	16

Figures

Figure 1: 2016 Base - Passengers	2
Figure 2: 2016 Base – Staff	3
Figure 3: 2027 Without Expansion (18mppa) – Passengers.....	4
Figure 4: 2027 Without Expansion (18mppa) – Staff	5
Figure 5: 2027 With Expansion (21.5mppa) – Passengers.....	6
Figure 6: 2027 With Expansion (21.5mppa) – Staff	7
Figure 7: 2039 Without Expansion (18mppa) – Passengers.....	8
Figure 8: 2039 Without Expansion (18mppa) – Staff	9
Figure 9: 2039 With Expansion (27mppa) – Passengers.....	10
Figure 10: 2039 With Expansion (27mppa) – Staff	11
Figure 11: 2043 Without Expansion (18mppa) – Passengers.....	12
Figure 12: 2043 Without Expansion (18mppa) – Staff	13
Figure 13: 2043 With Expansion (32mppa) – Passengers.....	14
Figure 14: 2043 With Expansion (32mppa) – Staff	15
Figure 15: 2016 Base – Passengers.....	16
Figure 16: 2016 Base – Staff	17
Figure 17: 2027 Without Expansion (18mppa) – Passengers.....	18
Figure 18: 2027 Without Expansion (18mppa) – Staff	19
Figure 19: 2027 With Expansion (21.5mppa) – Passengers.....	20
Figure 20: 2027 With Expansion (21.5mppa) – Staff	21
Figure 21: 2039 Without Expansion (18mppa) – Passengers.....	22
Figure 22: 2039 Without Expansion (18mppa) – Staff	23
Figure 23: 2039 With Expansion (27mppa) – Passengers.....	24
Figure 24: 2039 With Expansion (27mppa) – Staff	25
Figure 25: 2043 Without Expansion (18mppa) – Passengers.....	26
Figure 26: 2043 Without Expansion (18mppa) – Staff	27
Figure 27: 2043 With Expansion (32mppa) – Passengers.....	28
Figure 28: 2043 With Expansion (32mppa) – Staff	29

1 INTRODUCTION

- 1.1.1 This document contains further revised Trip Distribution Plans which have been produced as requested by the Examining Authority ('ExA').
- 1.1.2 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) **[PD-014]**. 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.

2 LUTON AREA PLOTS

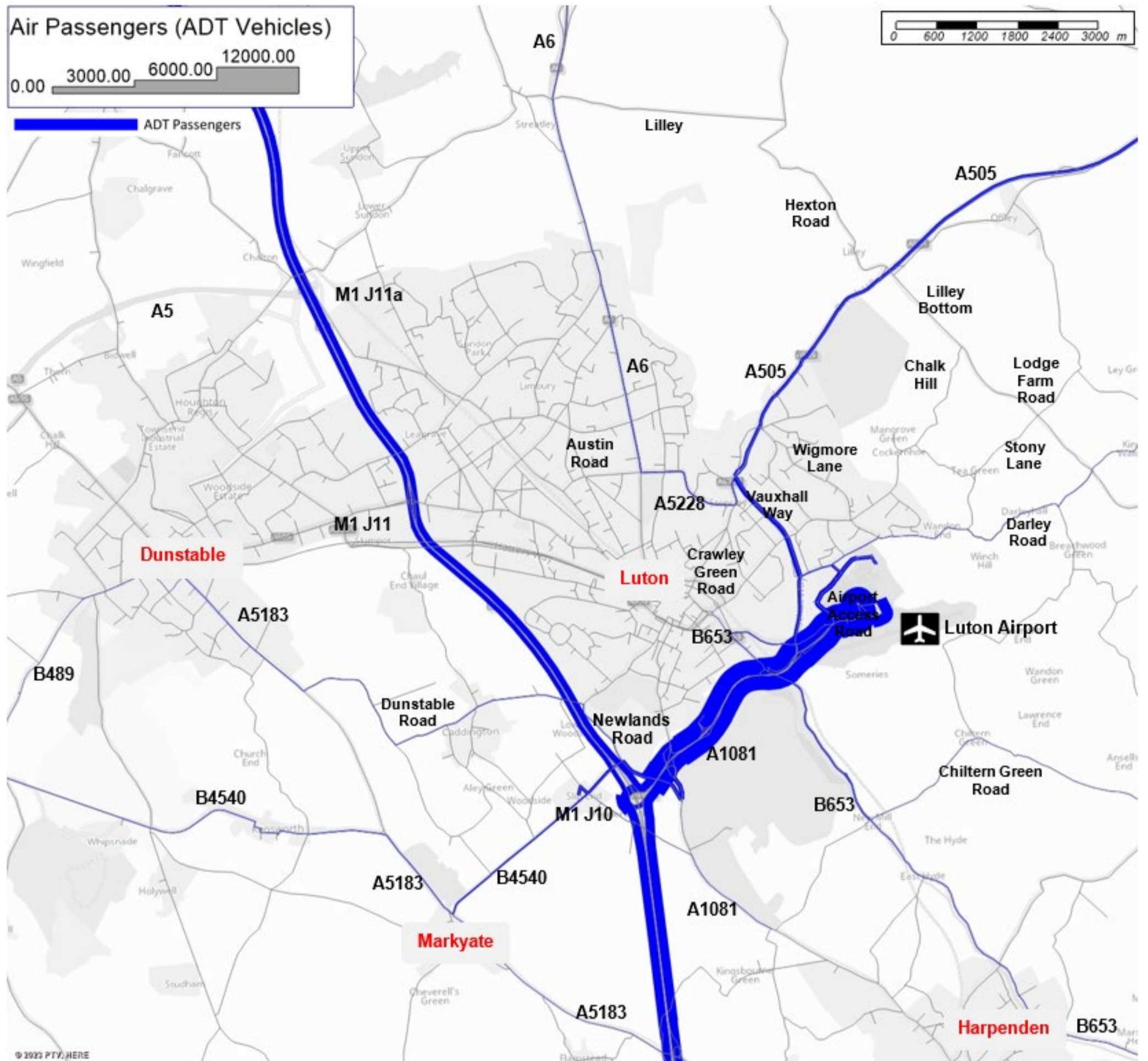


Figure 1: 2016 Base - Passengers

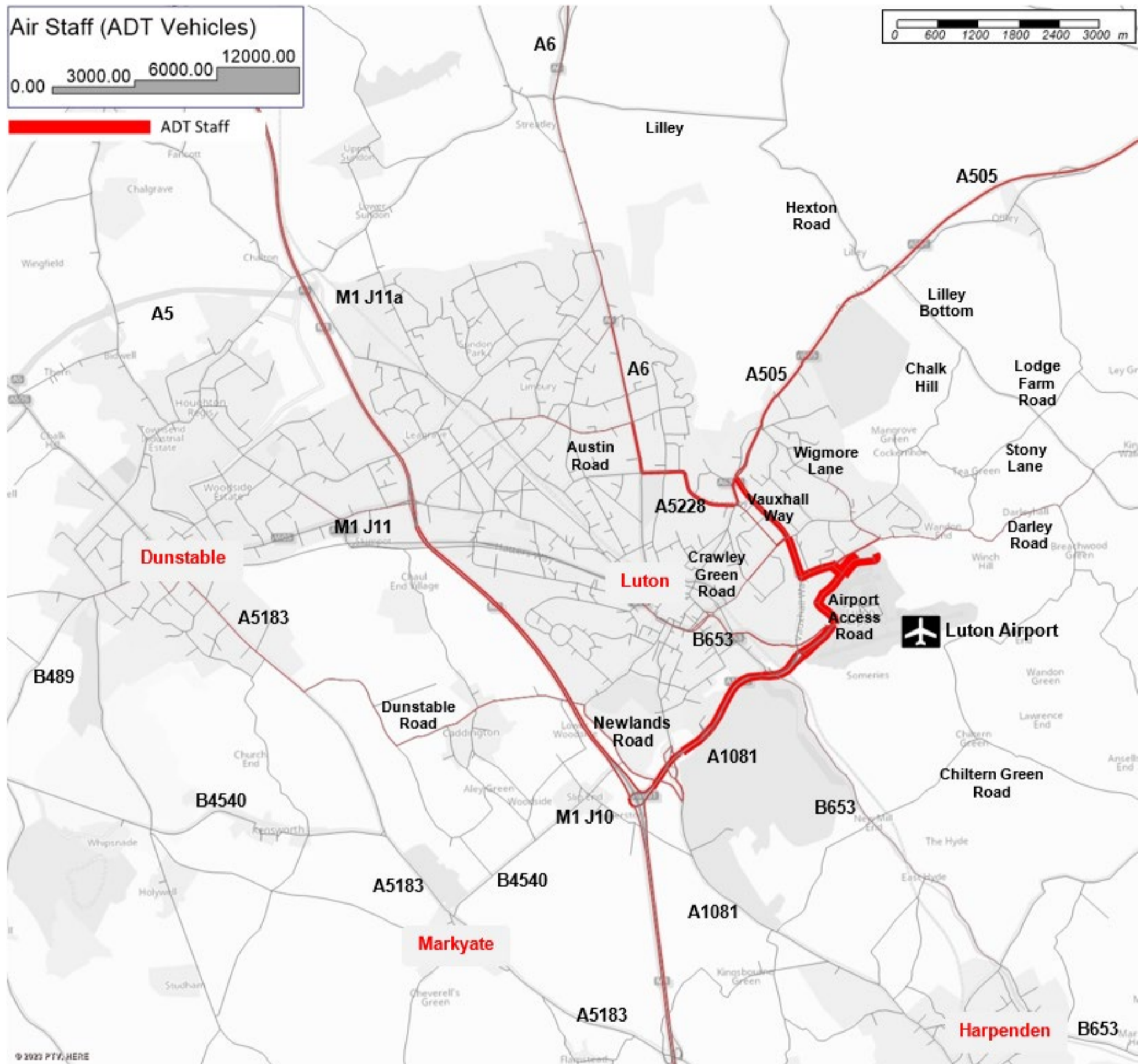


Figure 2: 2016 Base – Staff

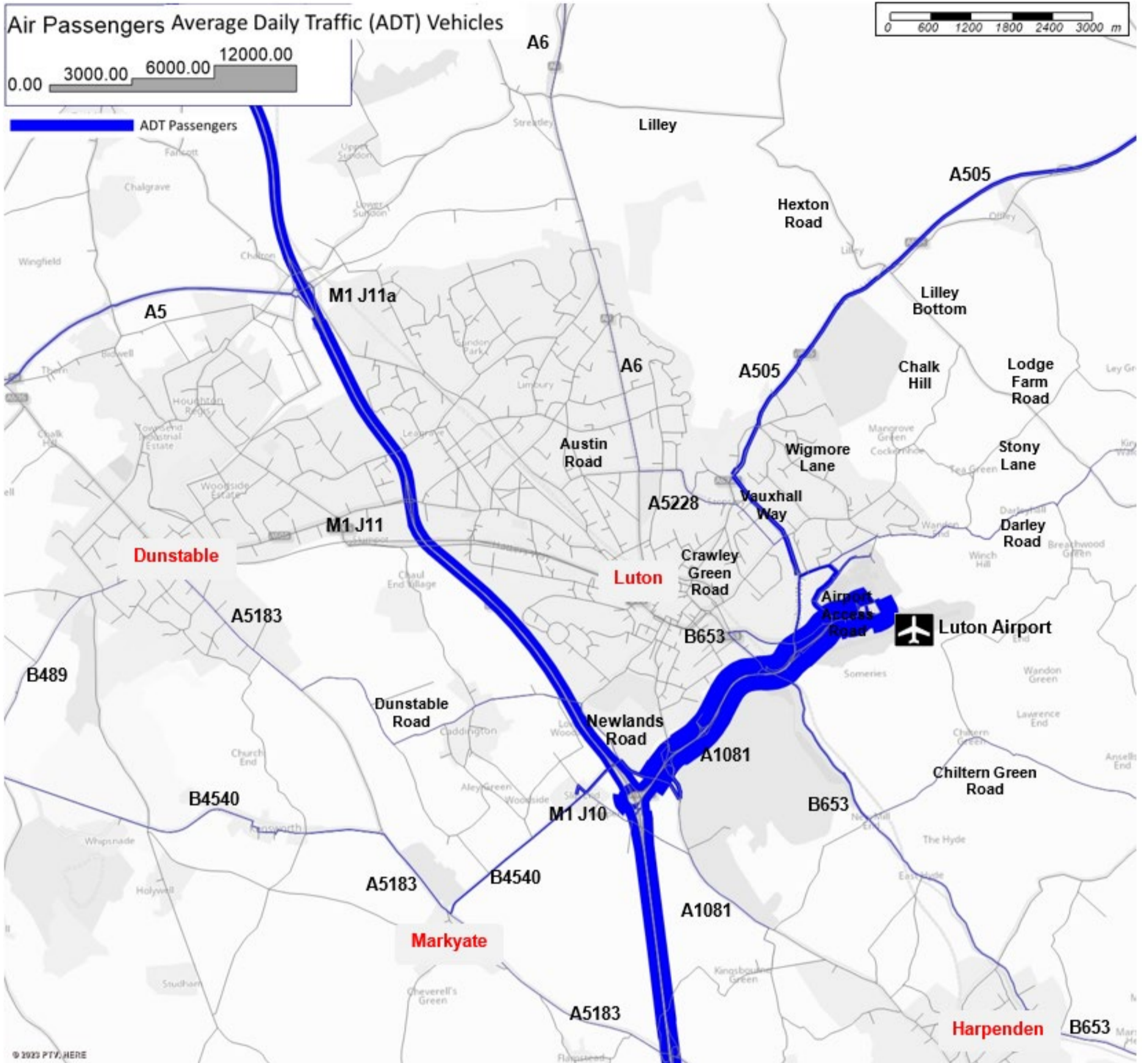


Figure 3: 2027 Without Expansion (18mppa) – Passengers

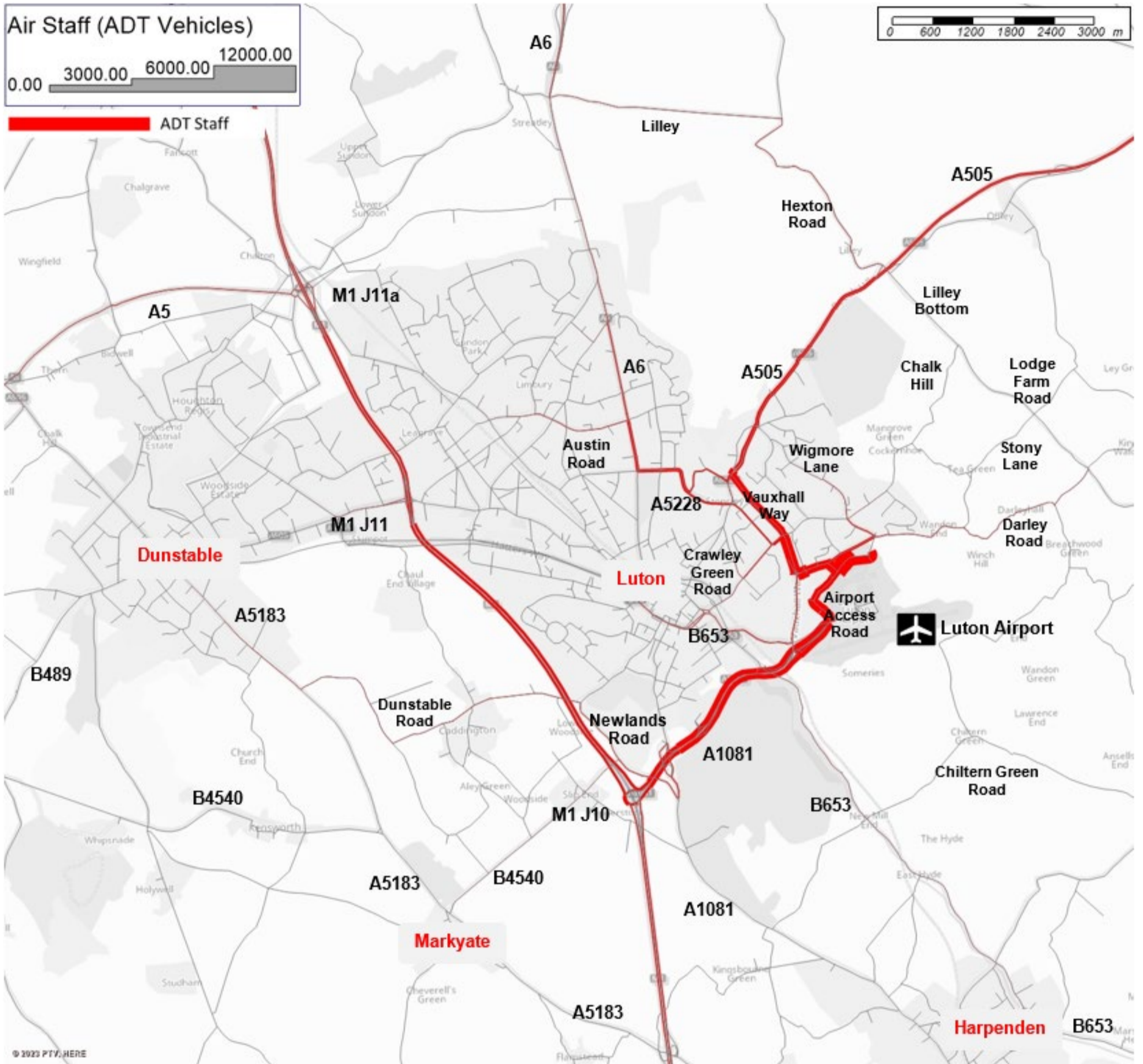


Figure 4: 2027 Without Expansion (18mppa) – Staff

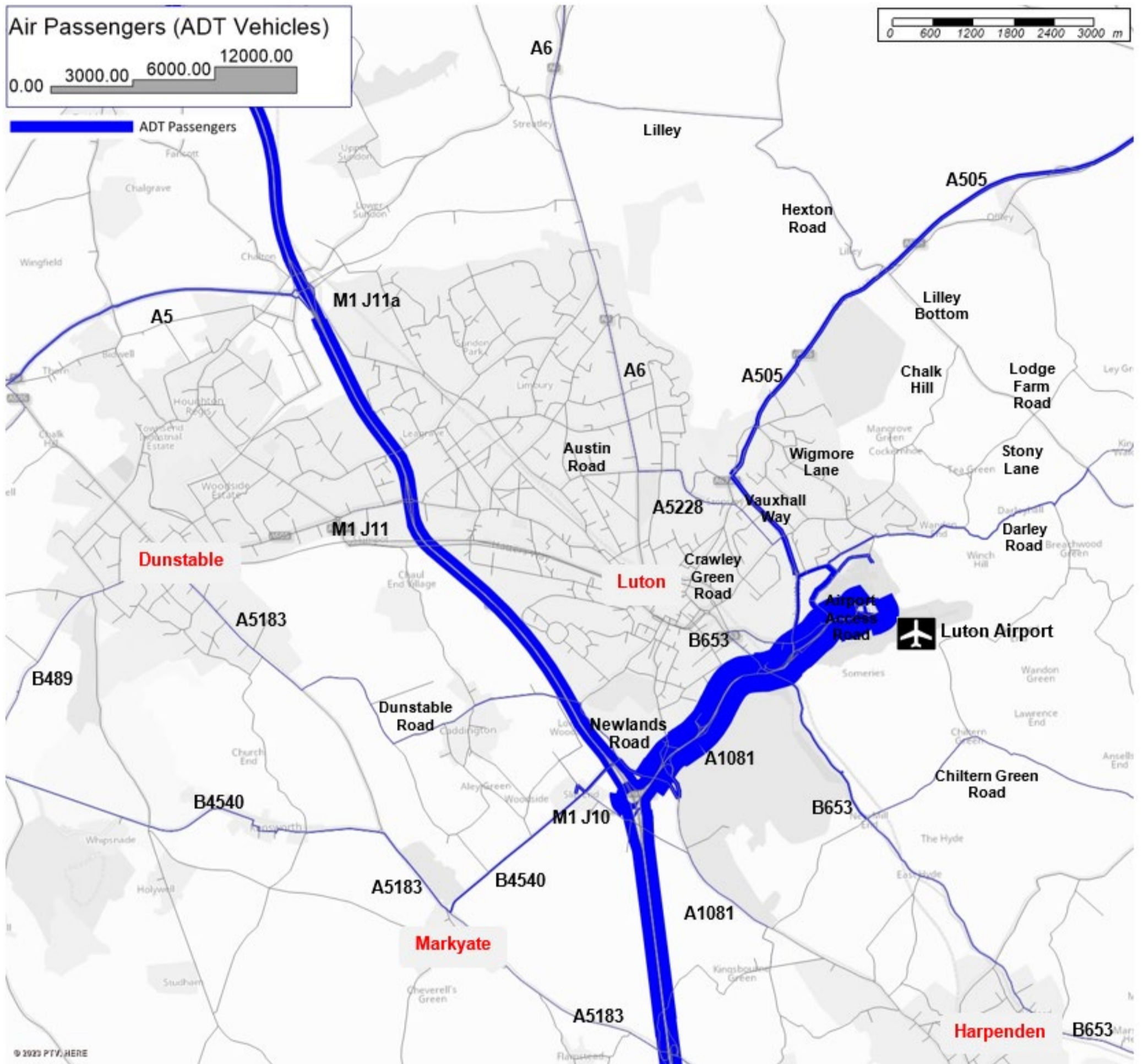


Figure 5: 2027 With Expansion (21.5mppa) – Passengers

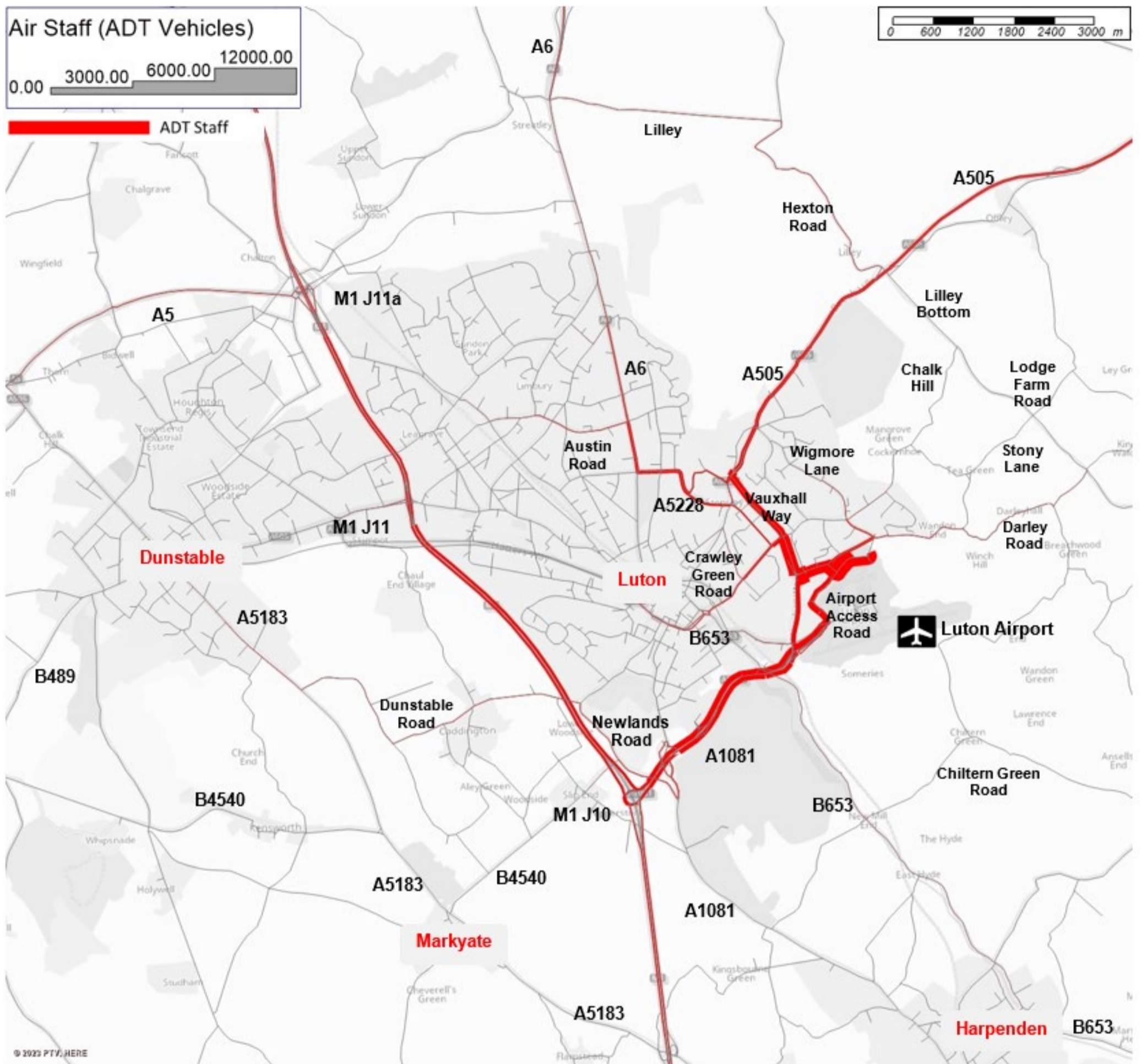


Figure 6: 2027 With Expansion (21.5mppa) – Staff

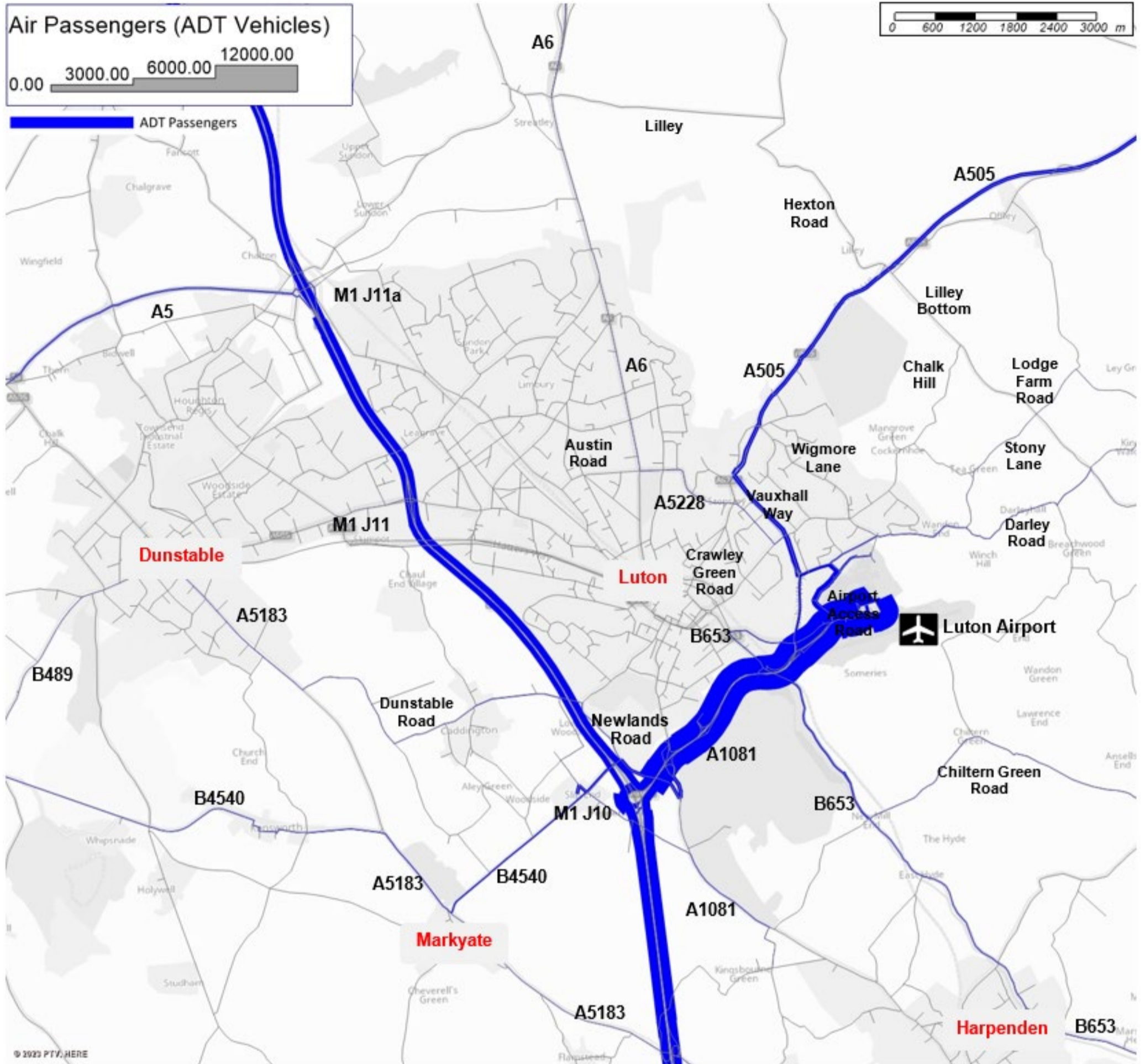


Figure 7: 2039 Without Expansion (18mppa) – Passengers

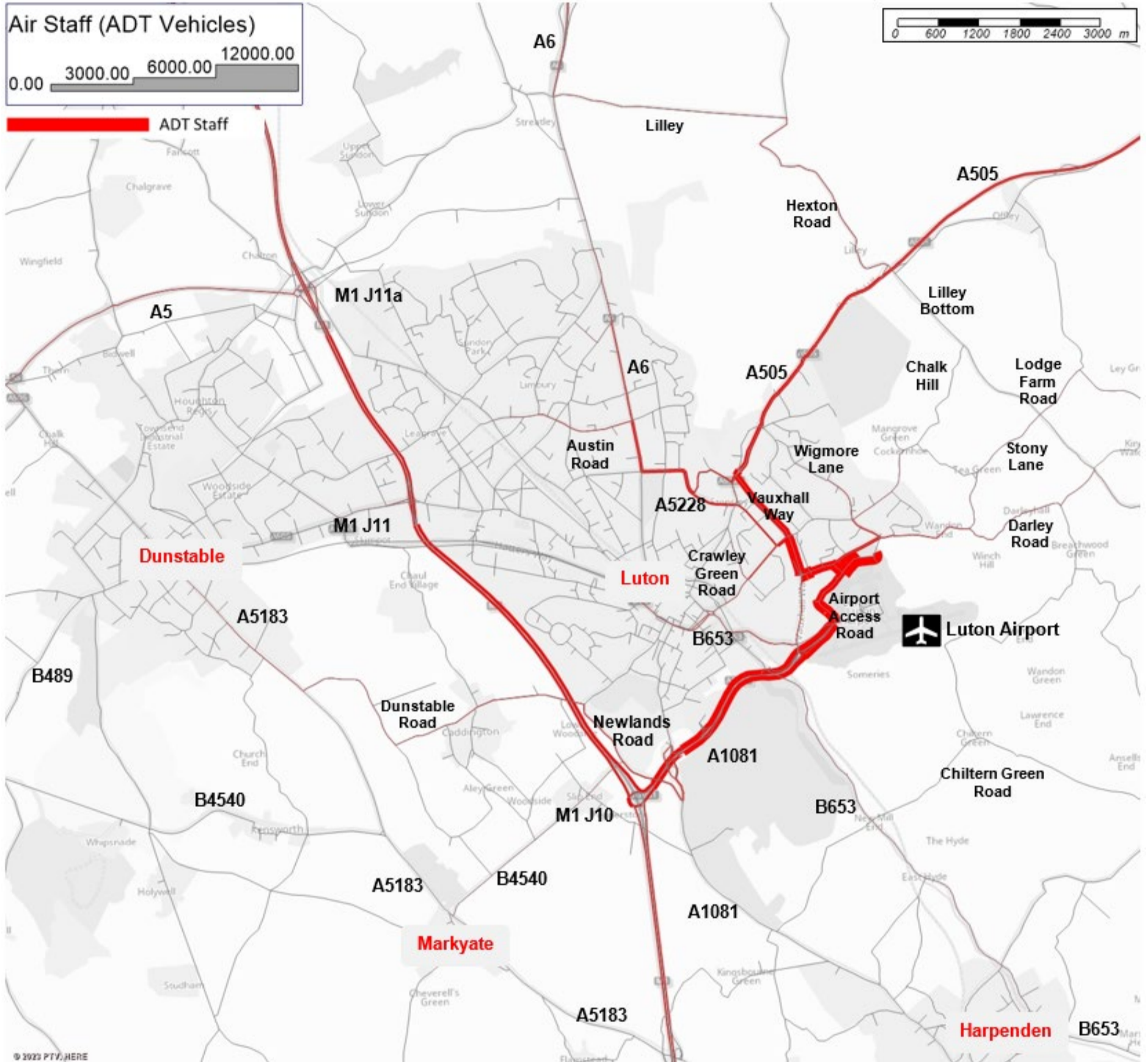


Figure 8: 2039 Without Expansion (18mppa) – Staff

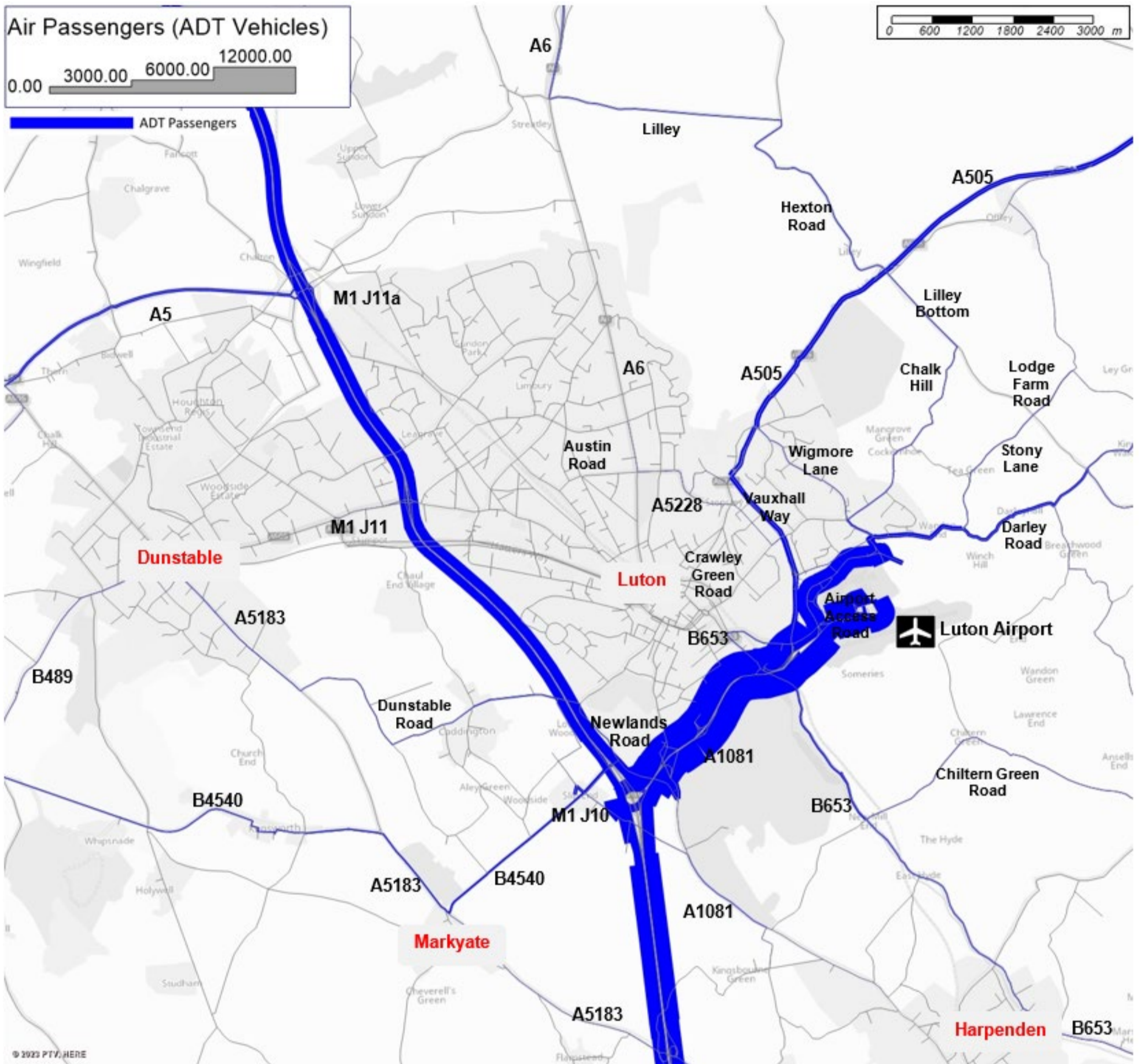


Figure 9: 2039 With Expansion (27mppa) – Passengers

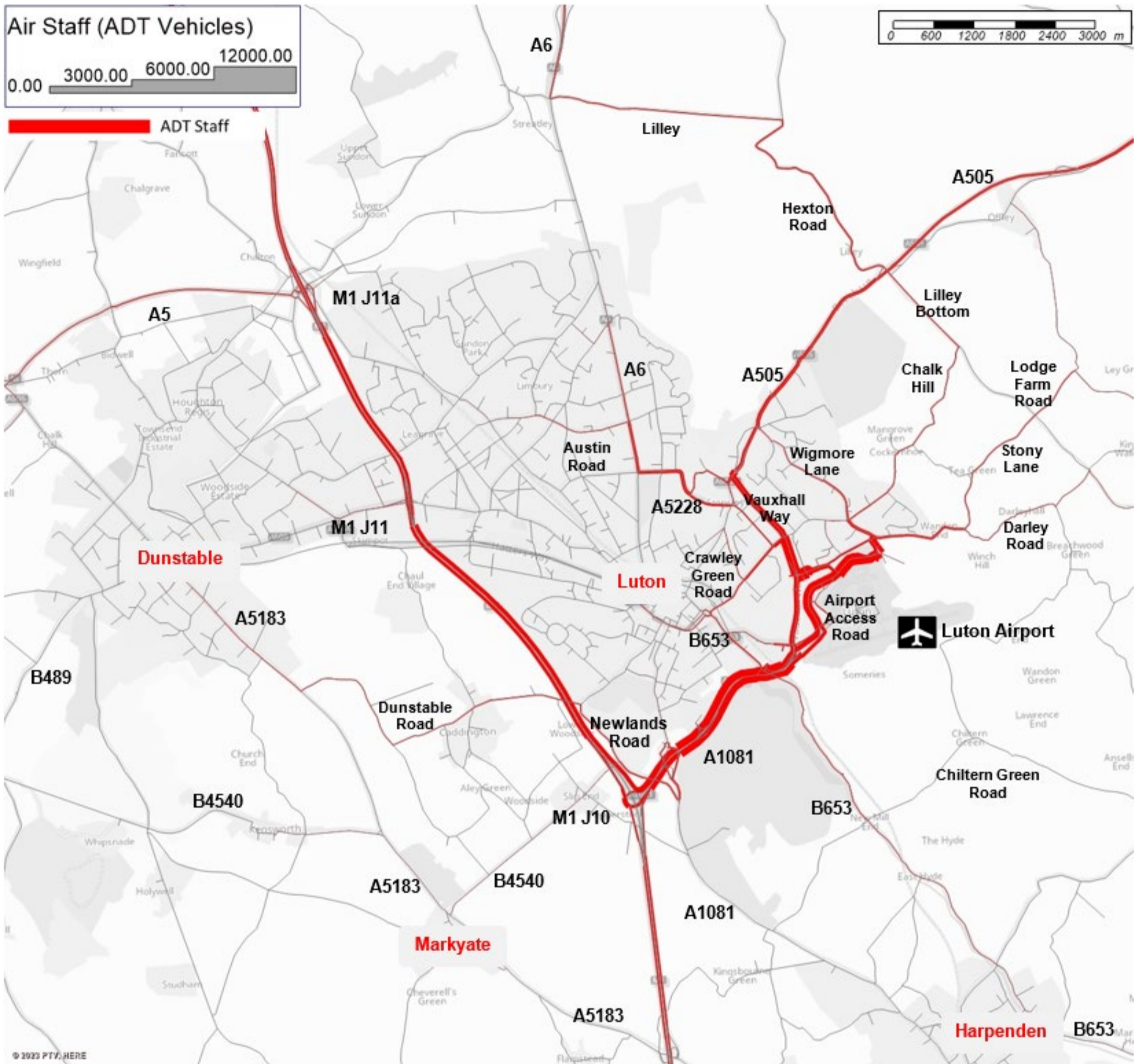


Figure 10: 2039 With Expansion (27mppa) – Staff

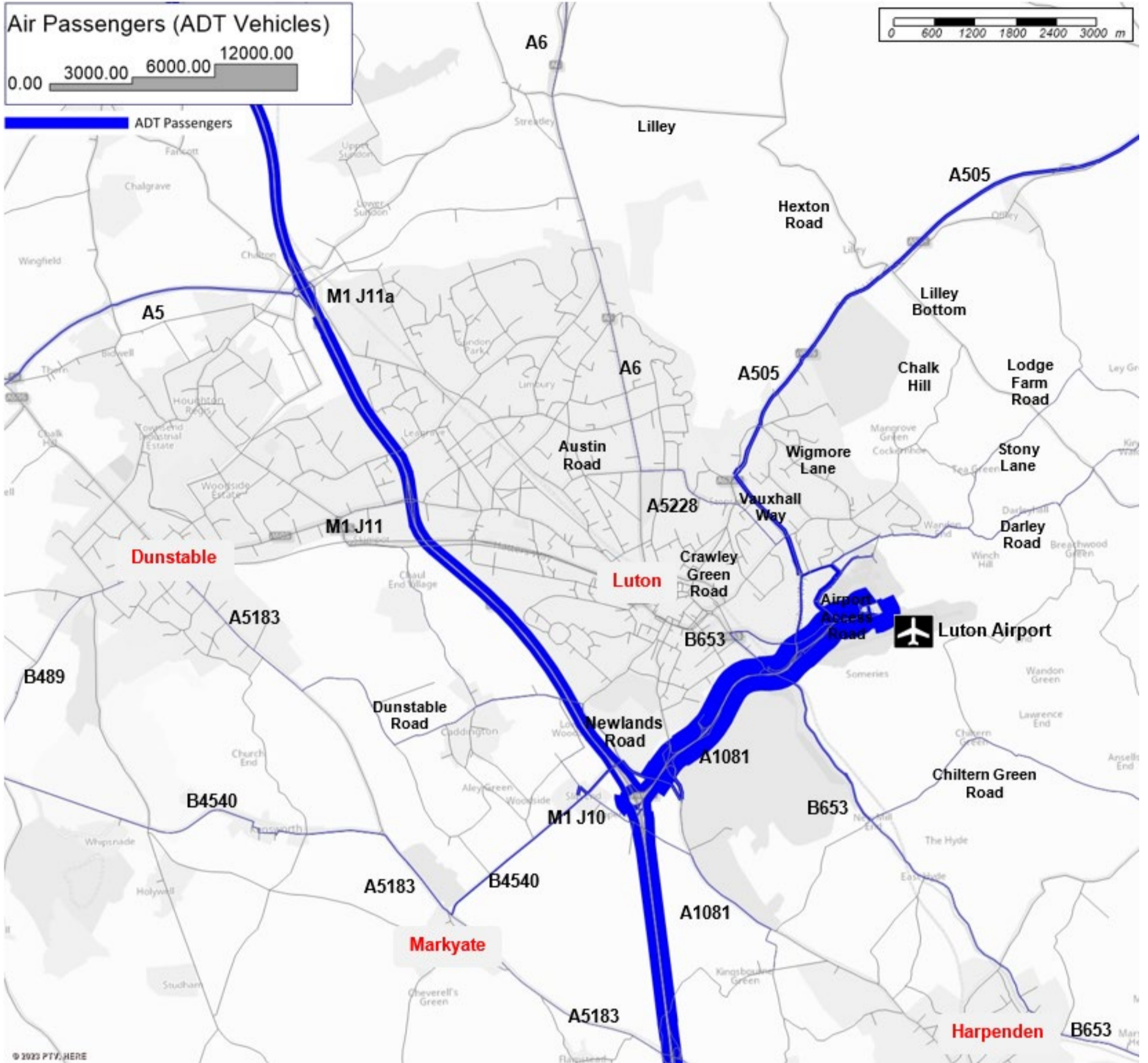


Figure 11: 2043 Without Expansion (18mppa) – Passengers

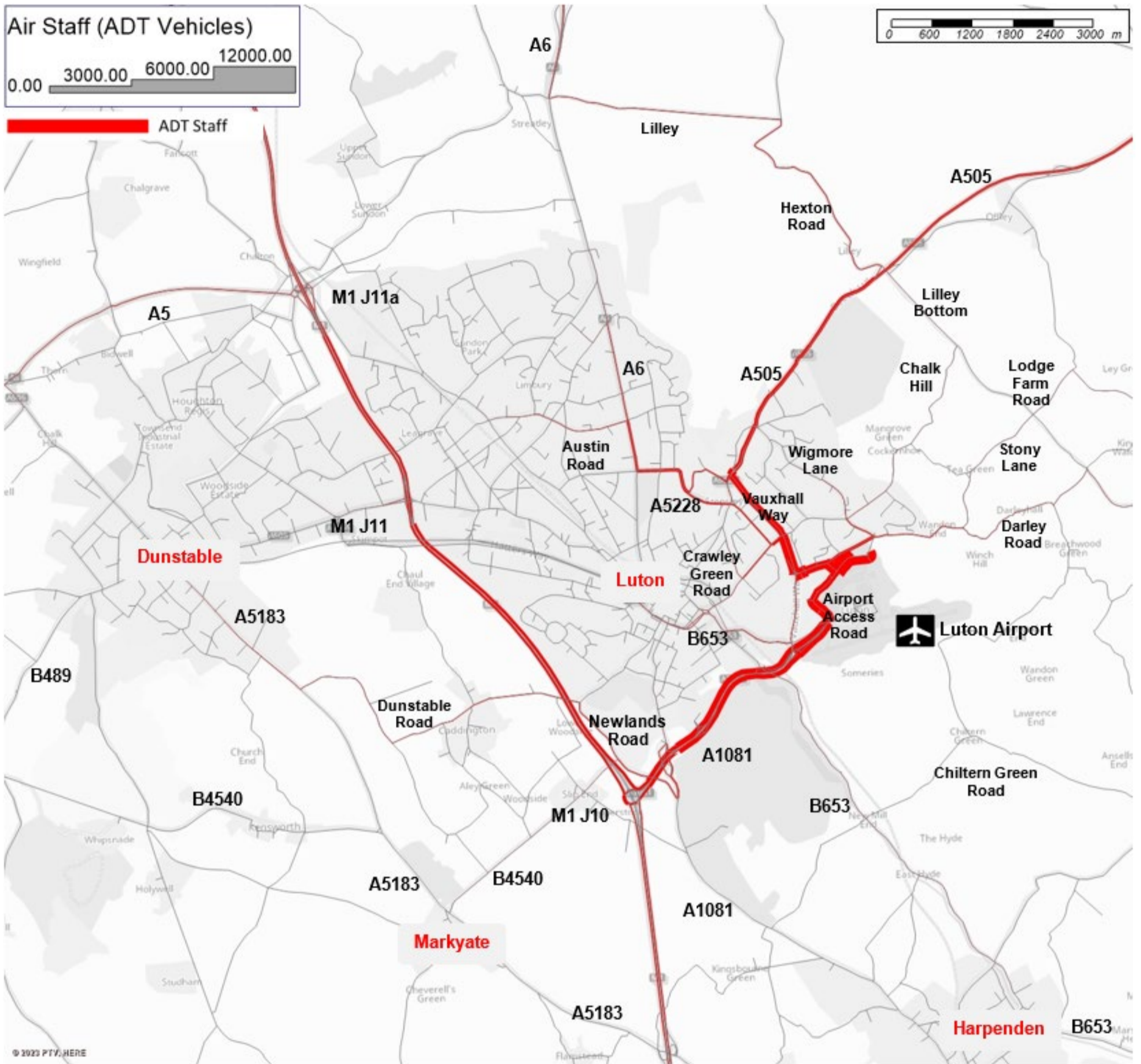


Figure 12: 2043 Without Expansion (18mppa) – Staff

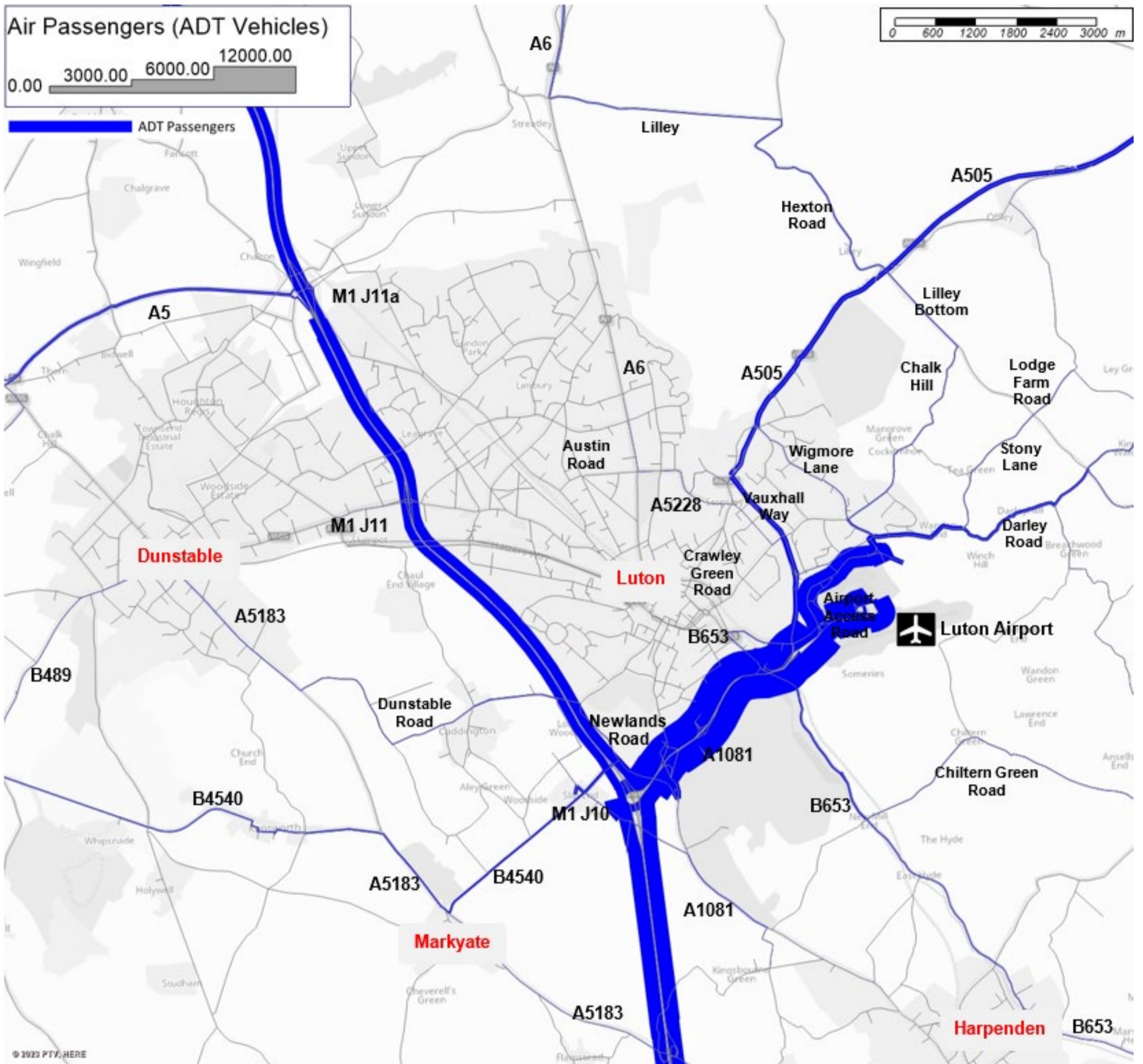


Figure 13: 2043 With Expansion (32mppa) – Passengers

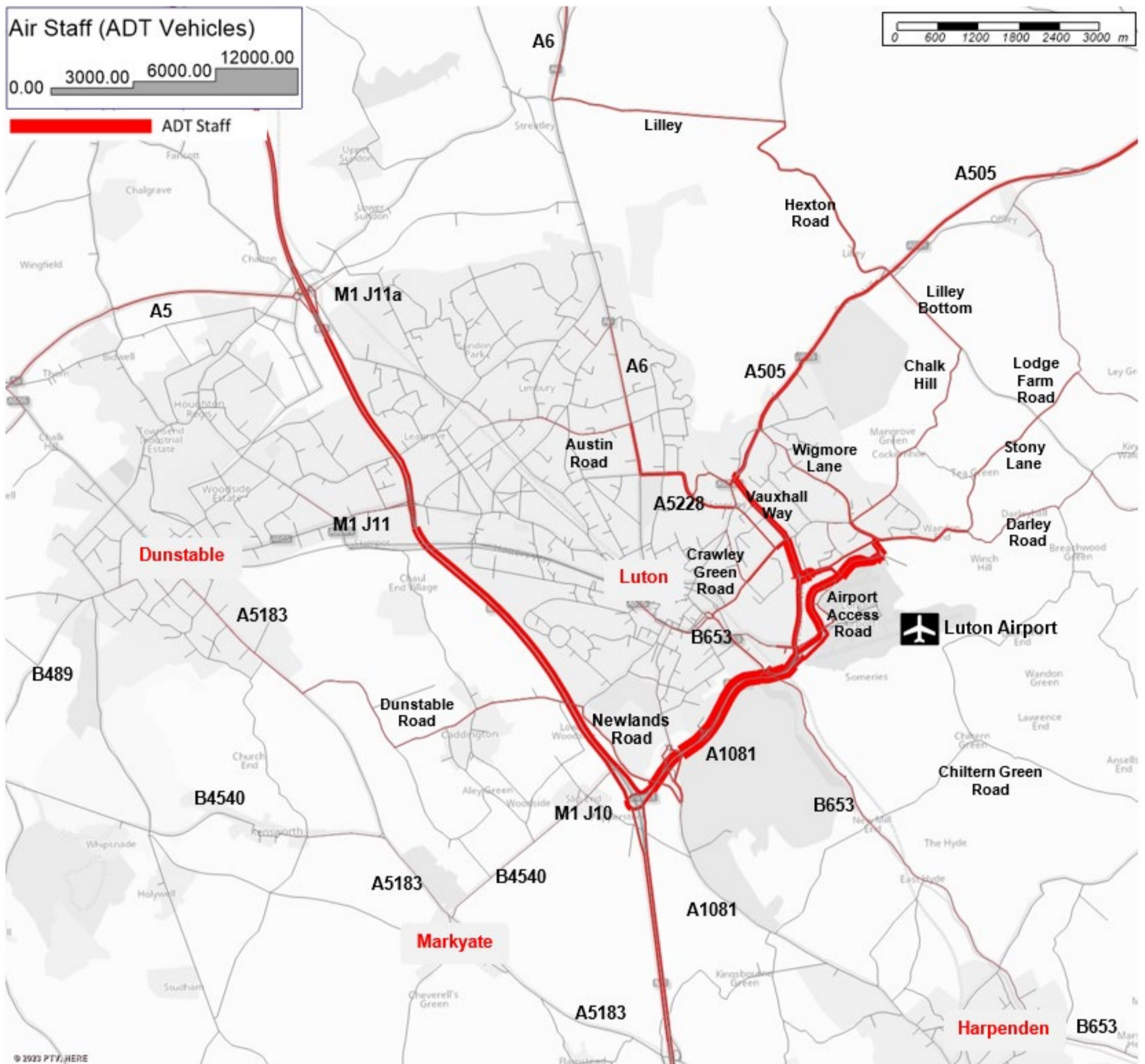


Figure 14: 2043 With Expansion (32mppa) – Staff

3 WIDER AREA PLOTS

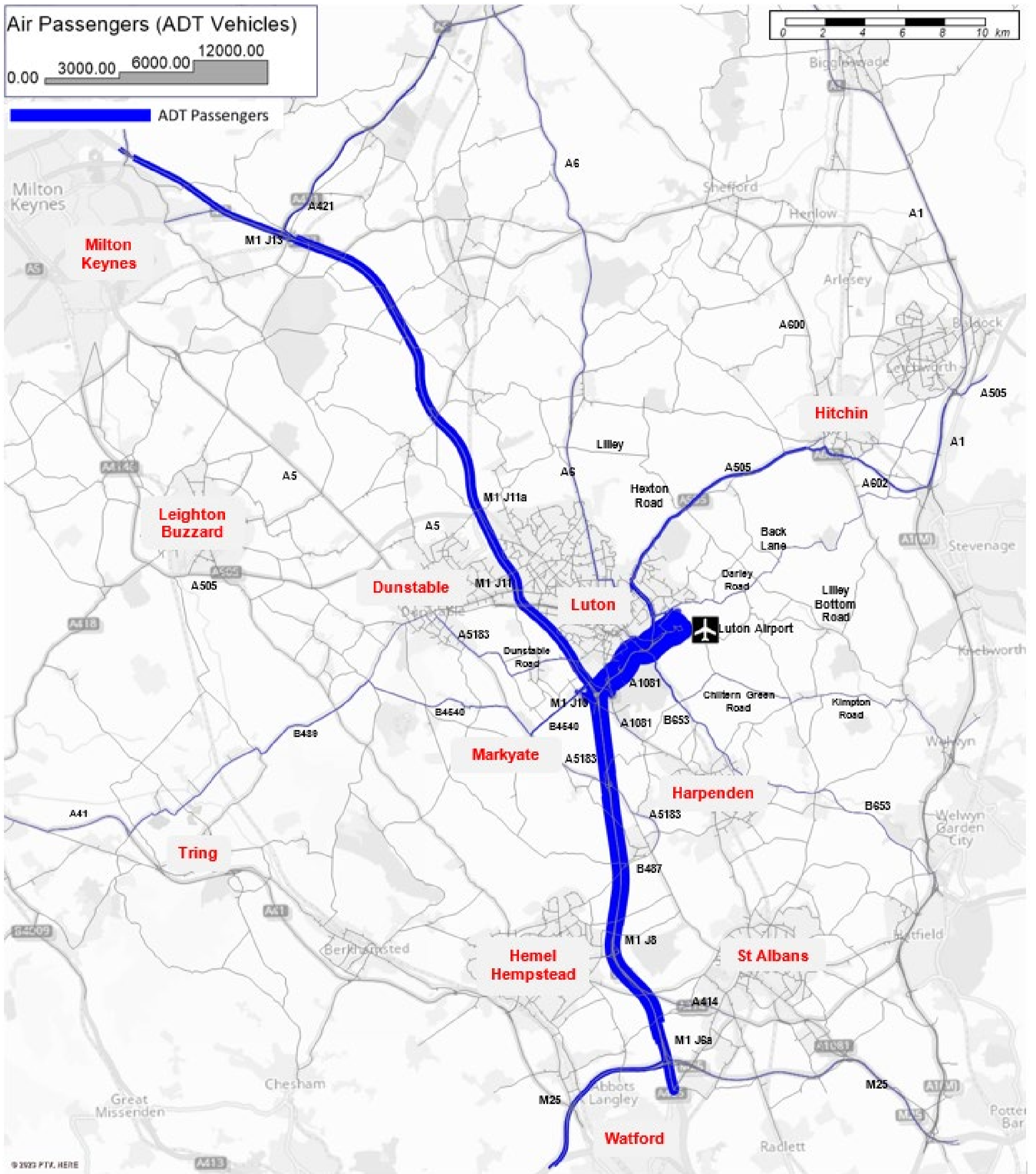


Figure 15: 2016 Base – Passengers

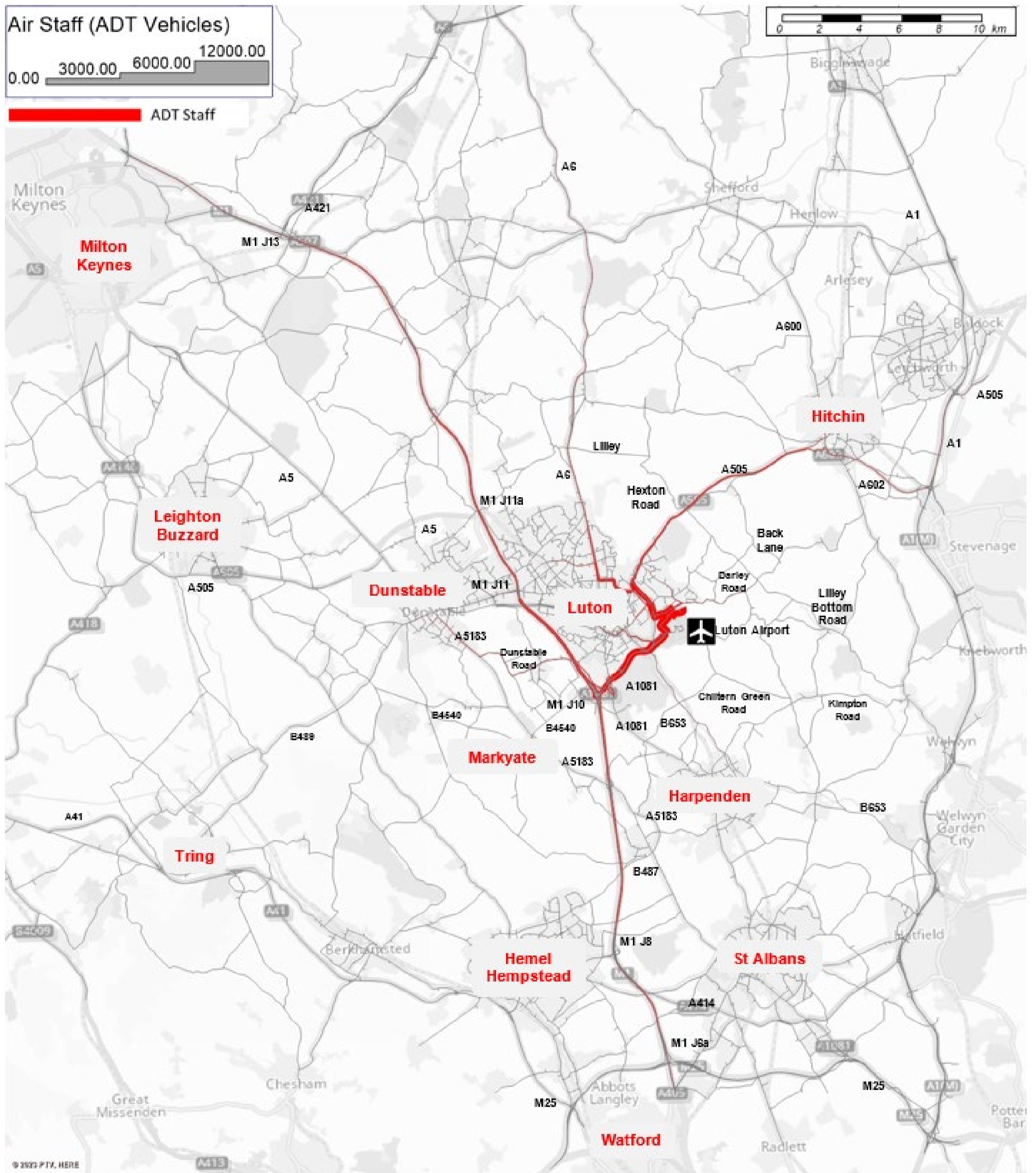


Figure 16: 2016 Base – Staff

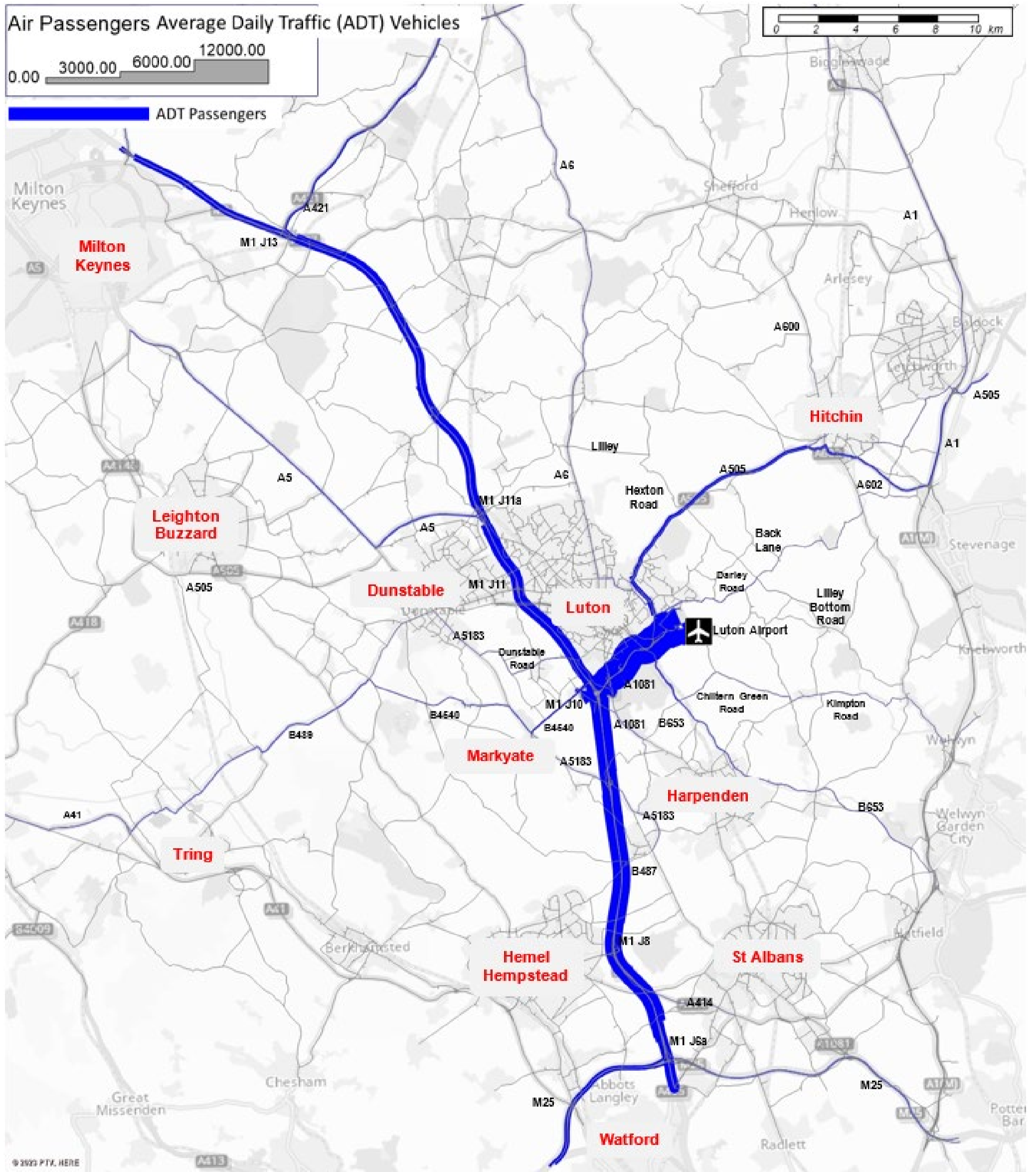


Figure 17: 2027 Without Expansion (18mppa) – Passengers

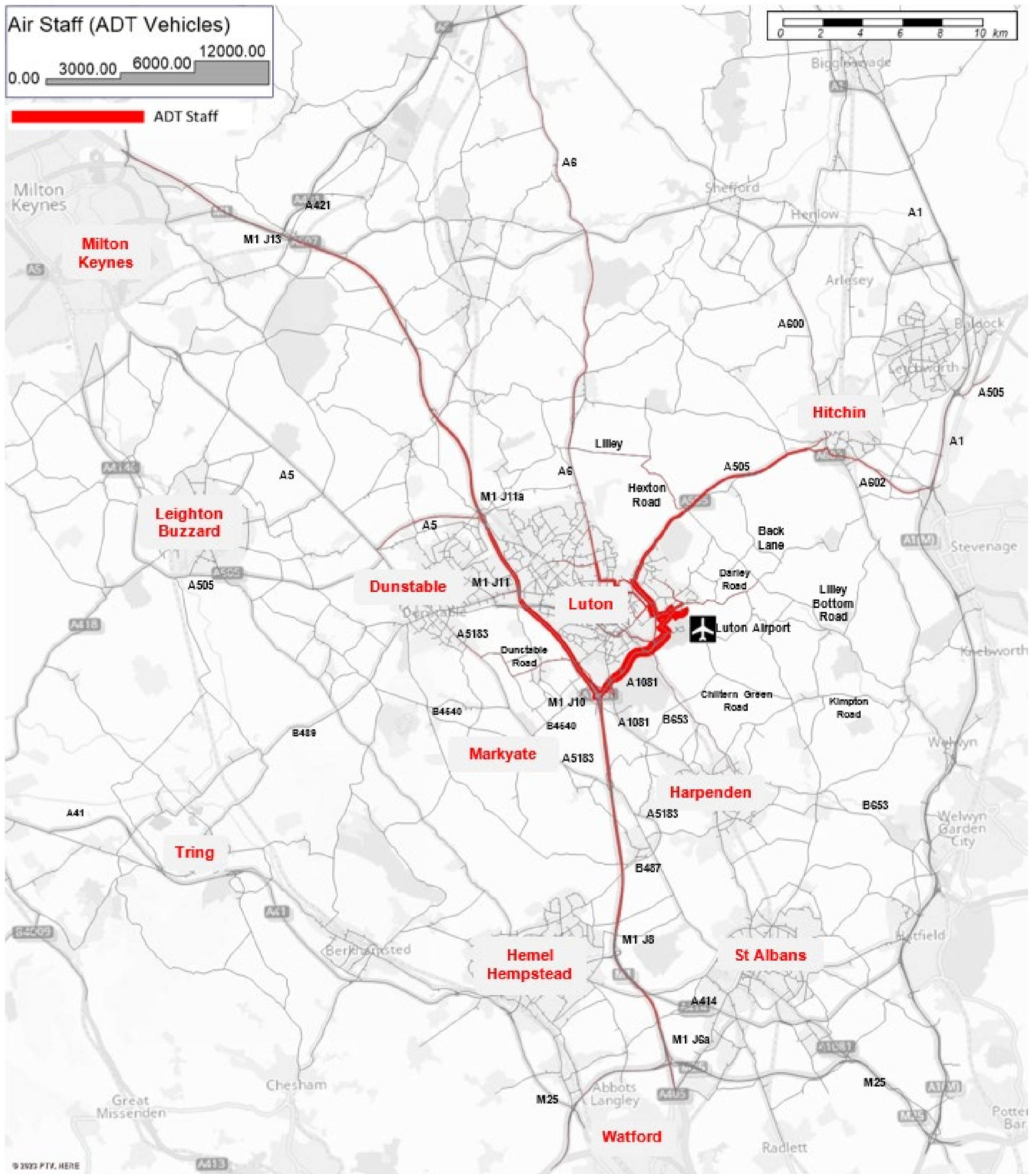


Figure 18: 2027 Without Expansion (18mppa) – Staff

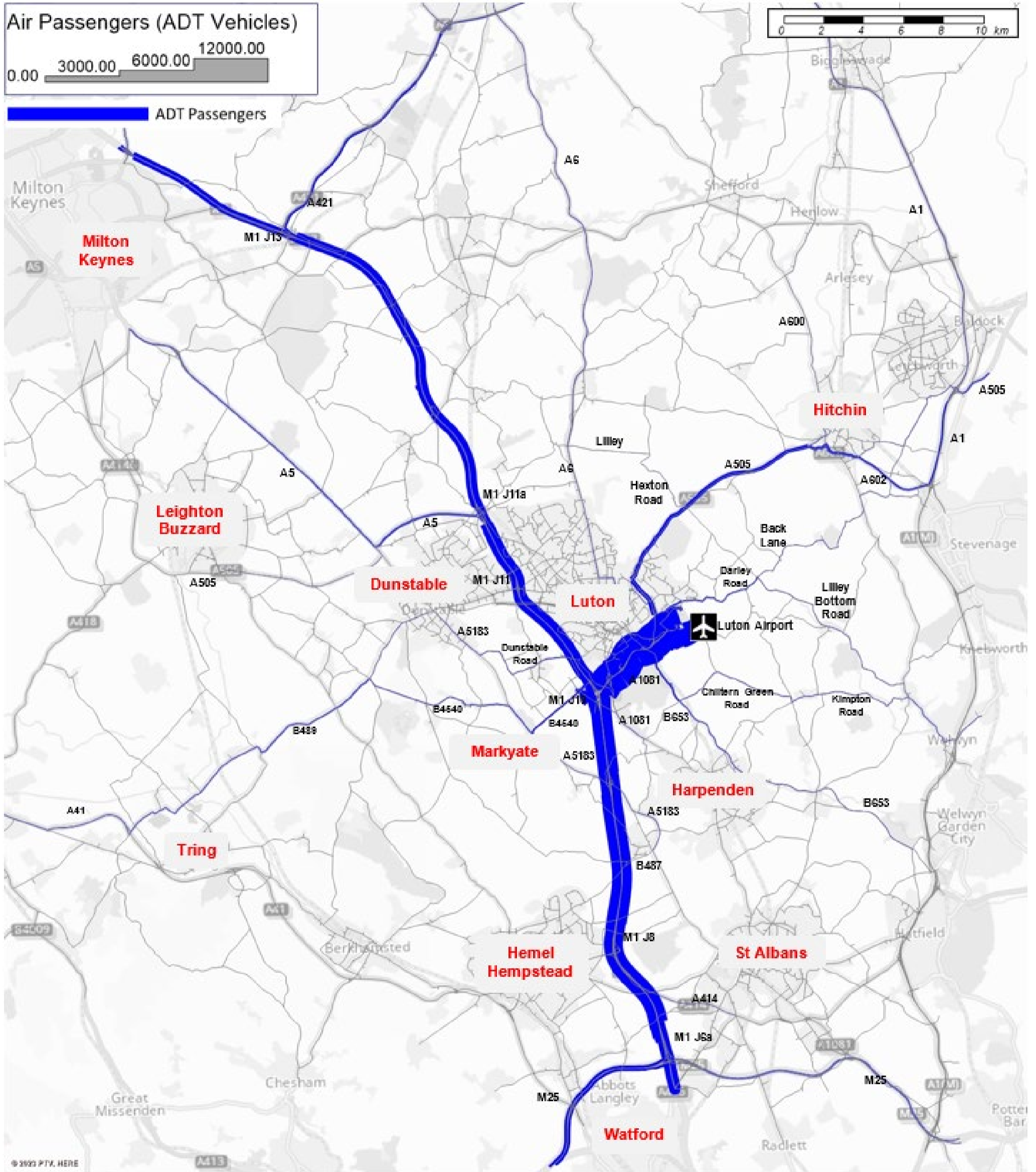


Figure 19: 2027 With Expansion (21.5mppa) – Passengers

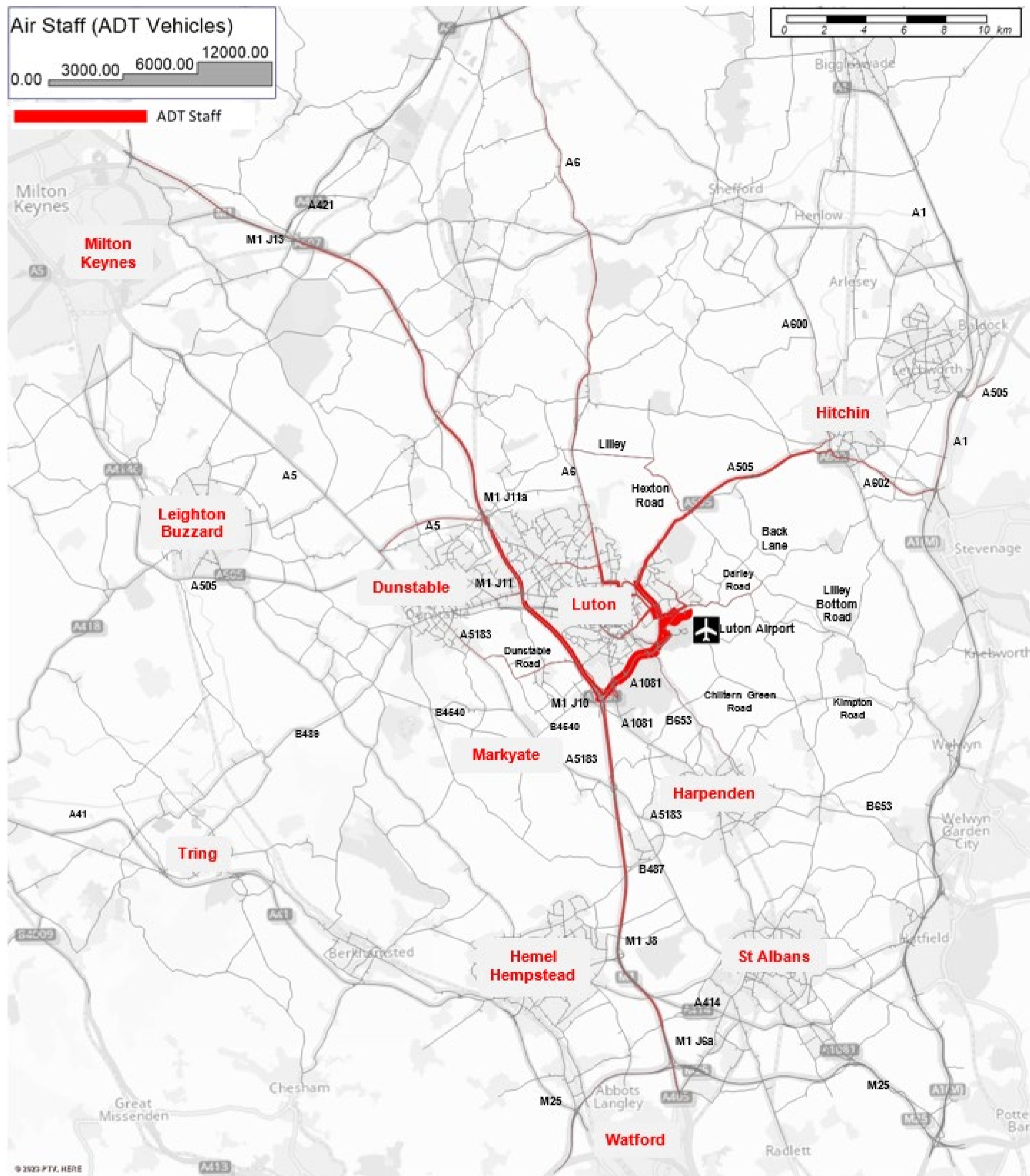


Figure 20: 2027 With Expansion (21.5mppa) – Staff

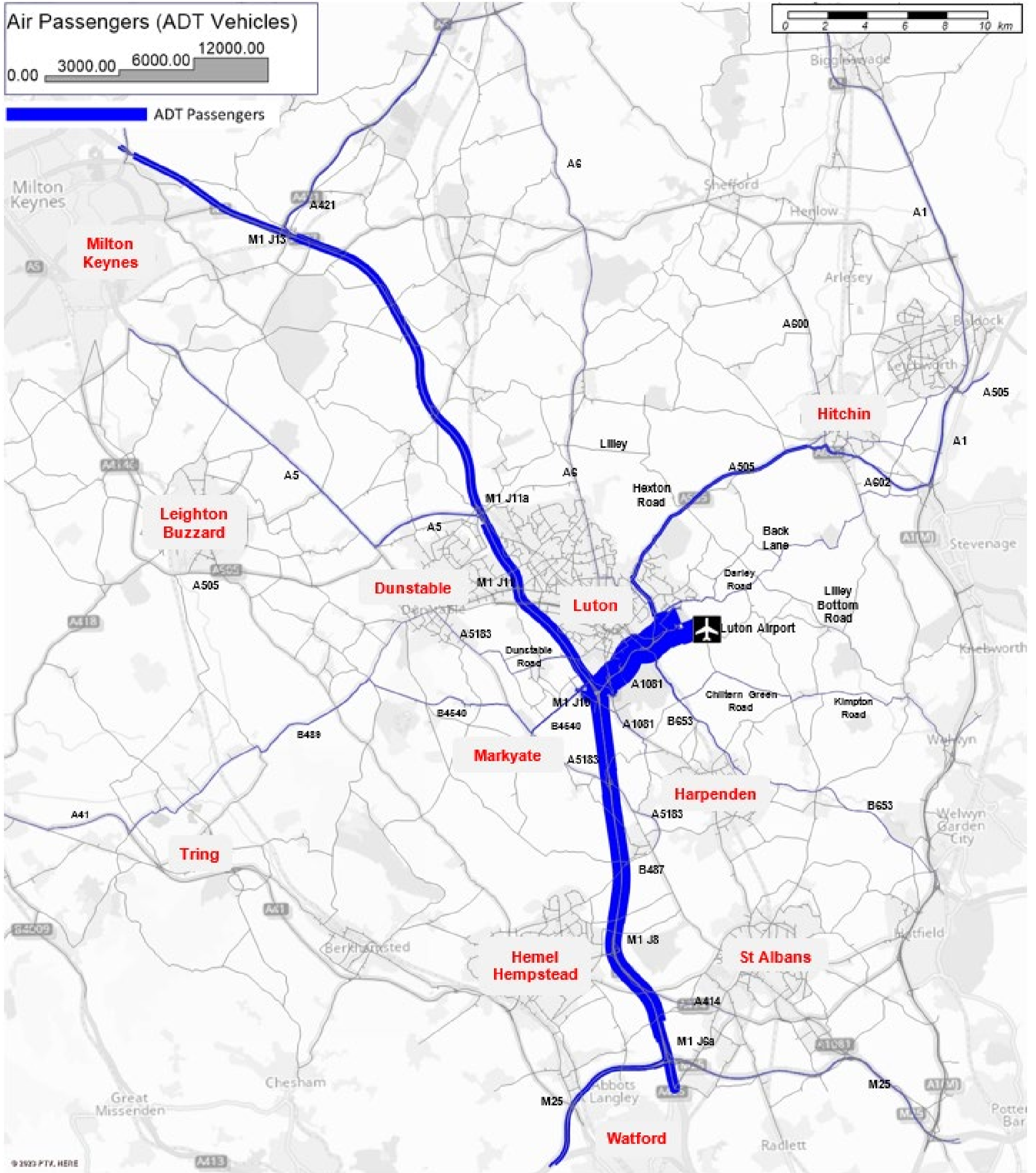


Figure 21: 2039 Without Expansion (18mppa) – Passengers

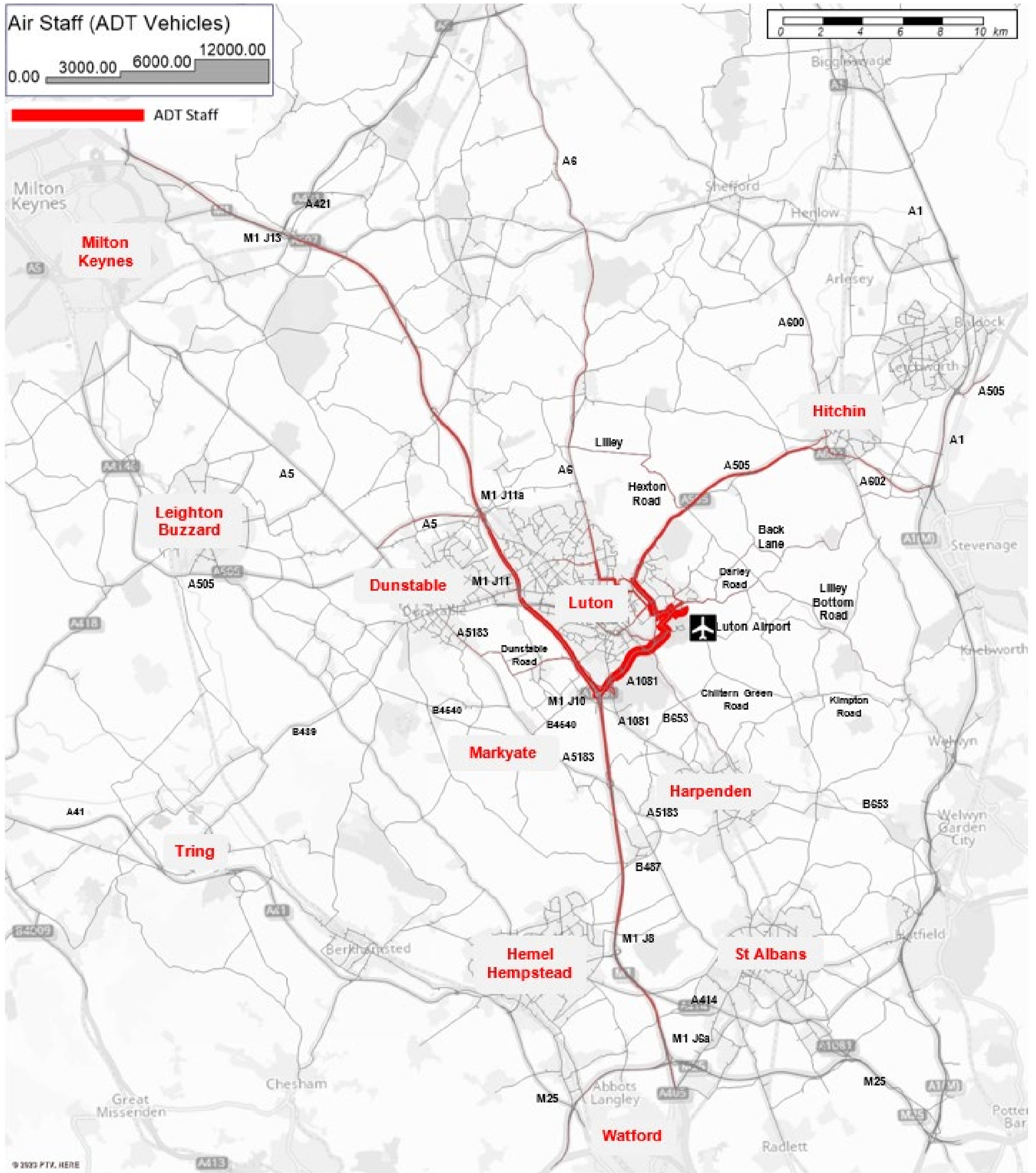


Figure 22: 2039 Without Expansion (18mppa) – Staff

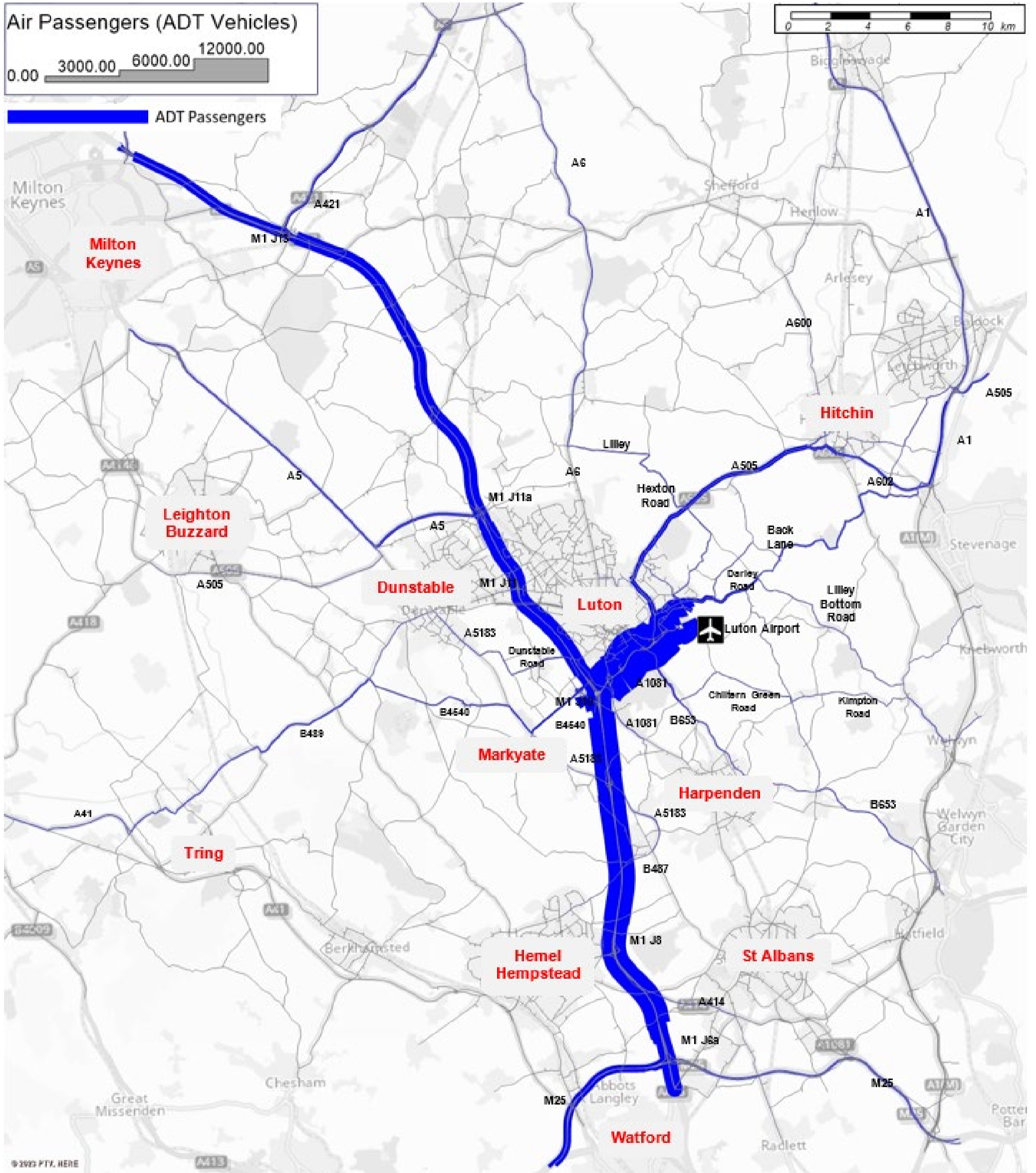


Figure 23: 2039 With Expansion (27mppa) – Passengers

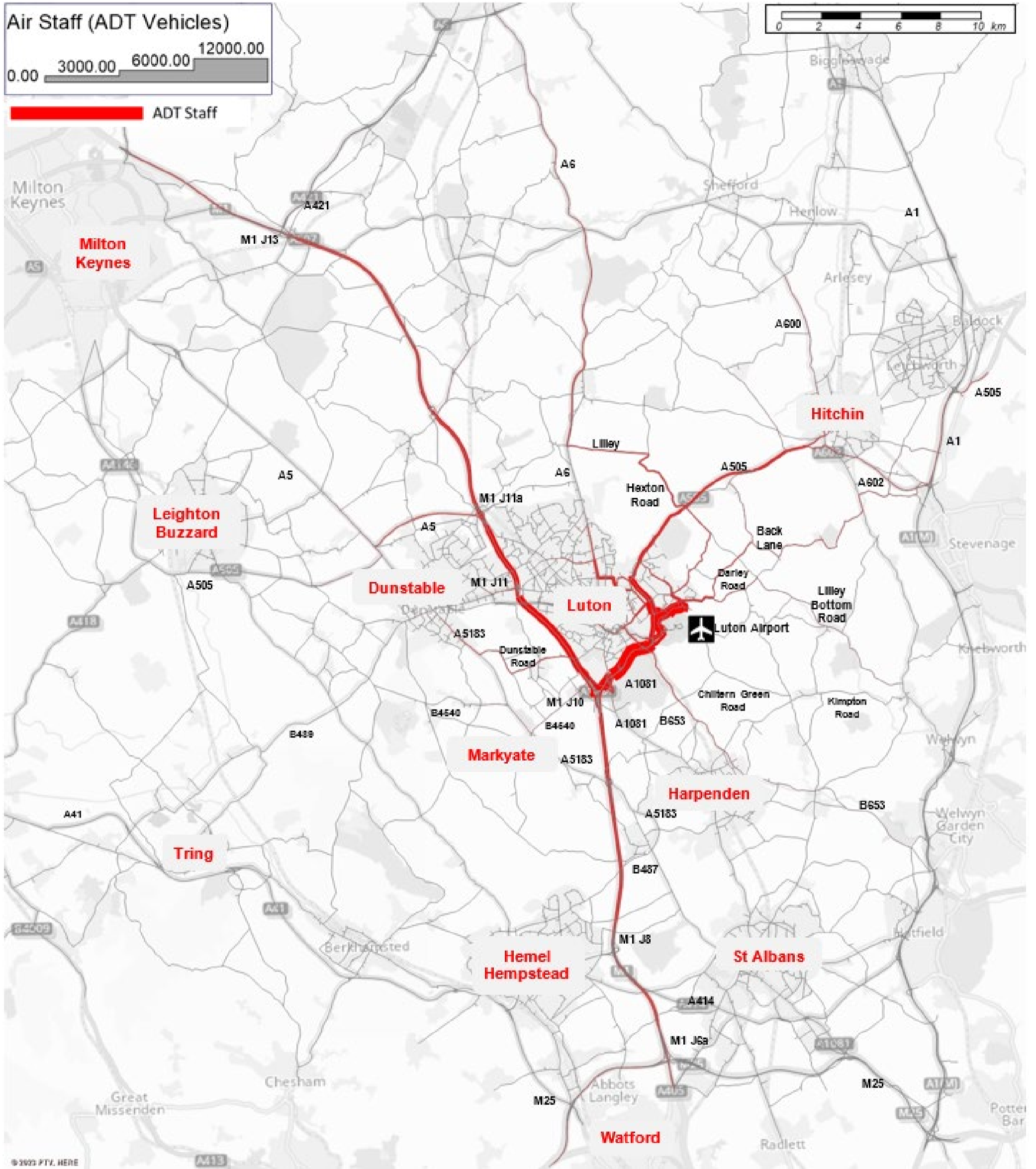


Figure 24: 2039 With Expansion (27mppa) – Staff

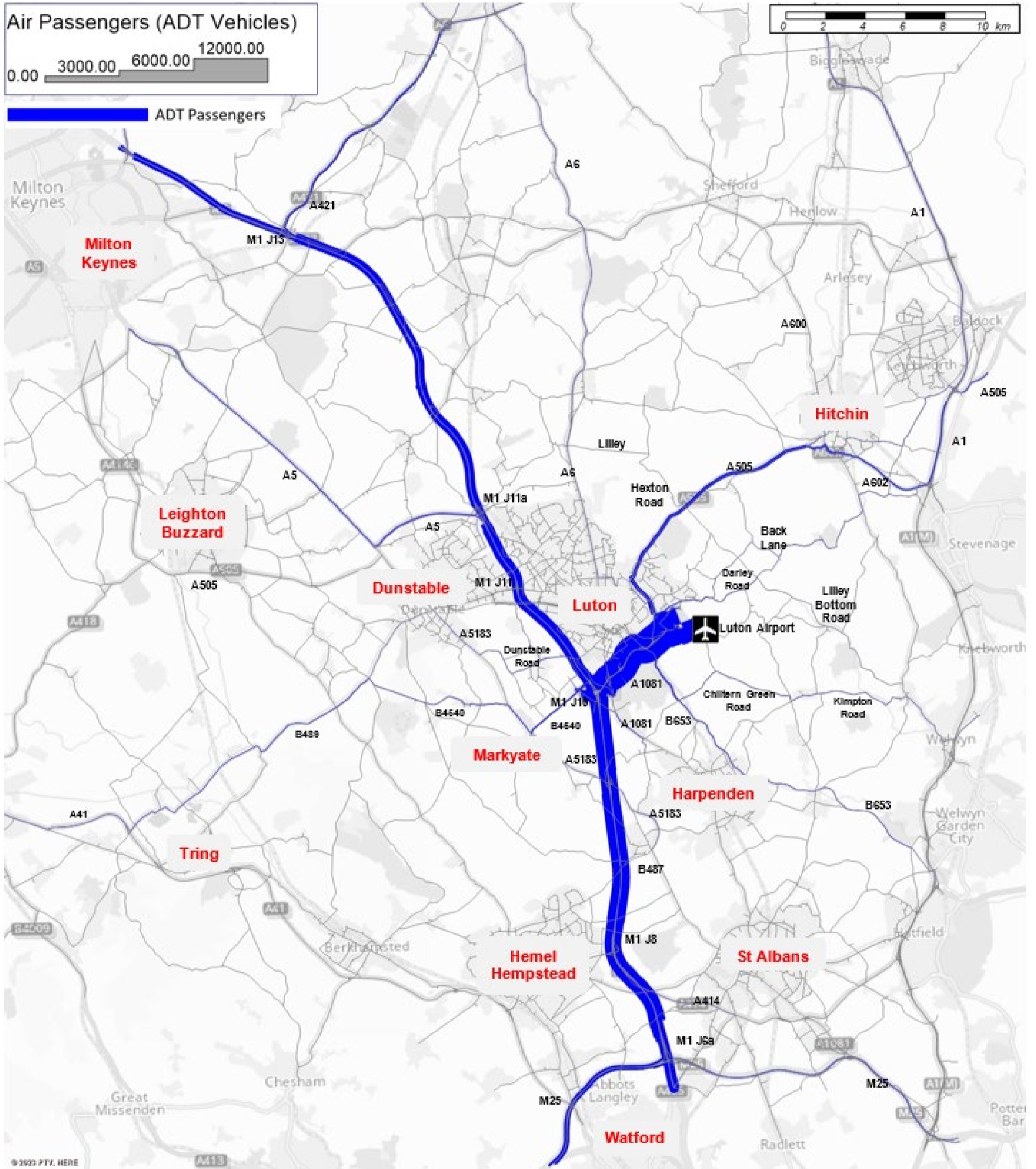


Figure 25: 2043 Without Expansion (18mppa) – Passengers

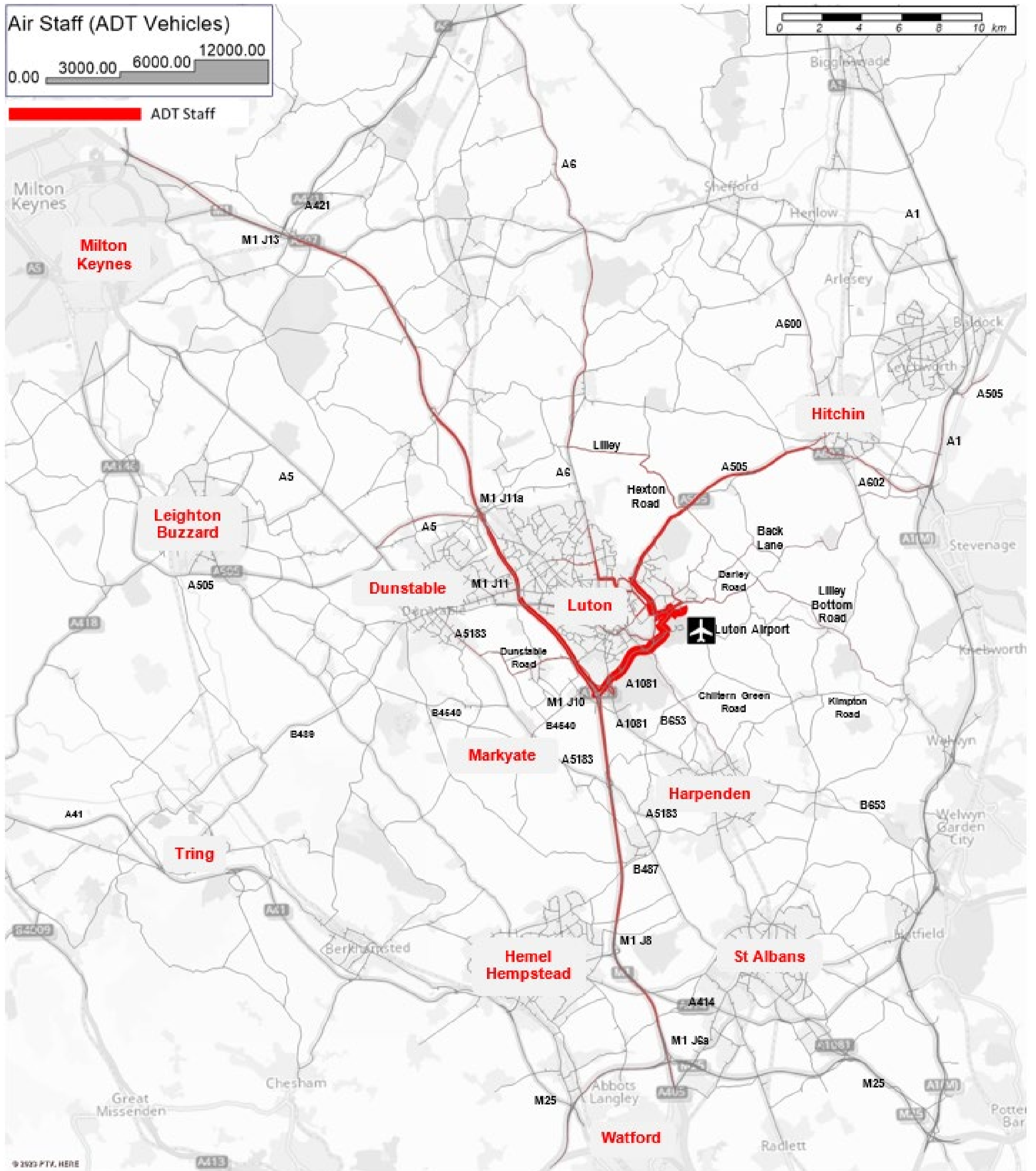


Figure 26: 2043 Without Expansion (18mppa) – Staff

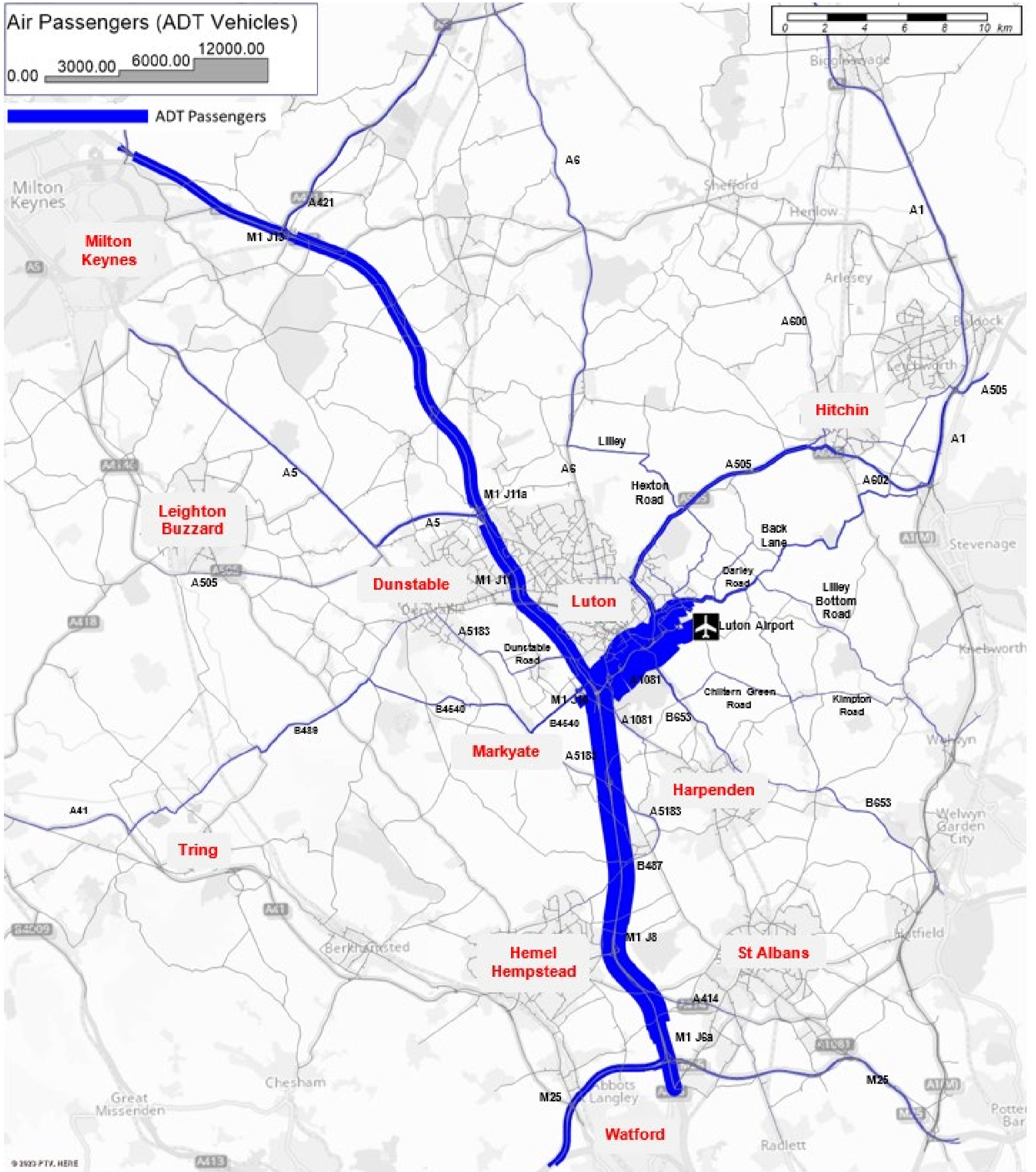


Figure 27: 2043 With Expansion (32mppa) – Passengers

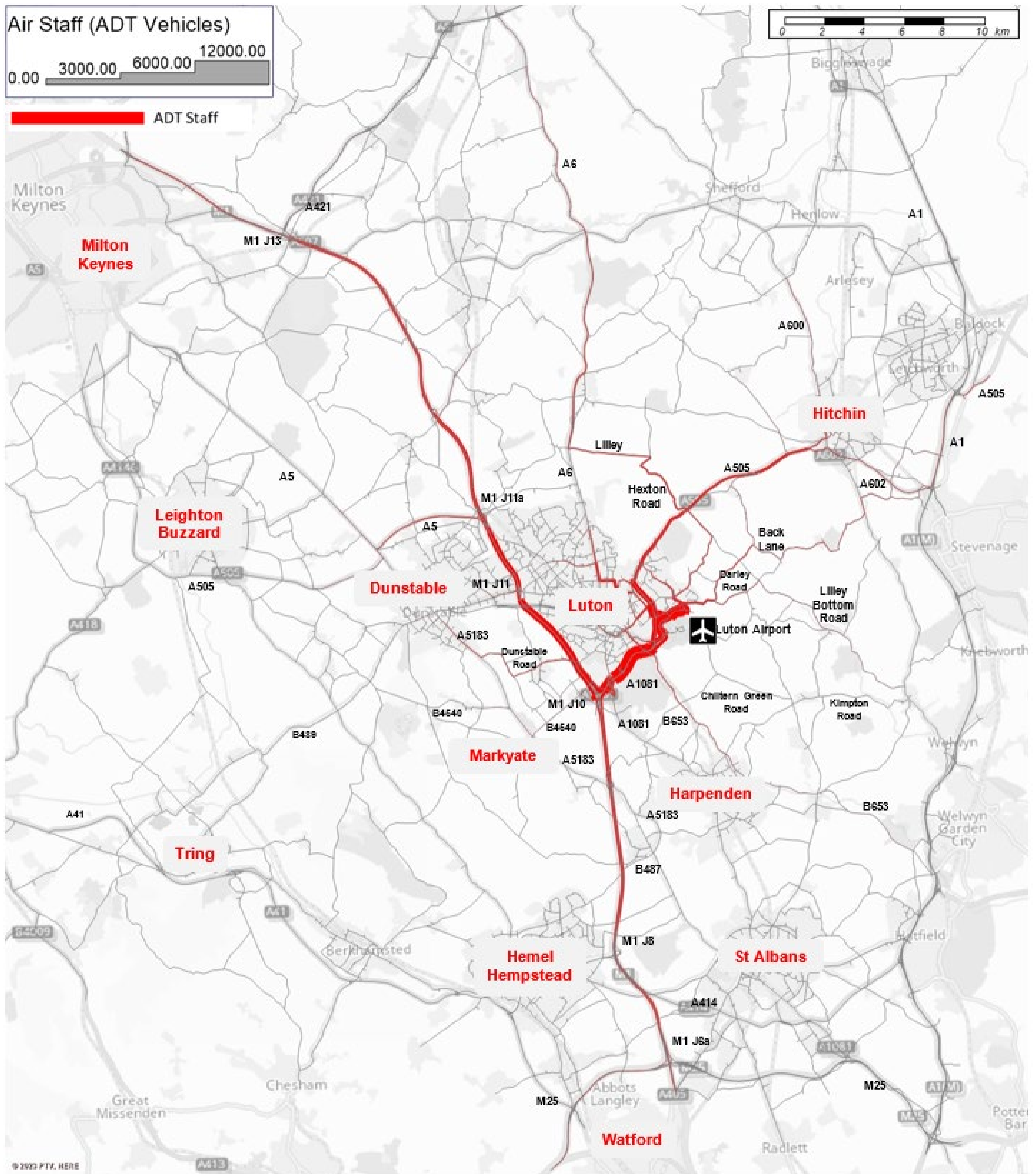


Figure 28: 2043 With Expansion (32mppa) – Staff