






















-  Key employment sites
-  Town Council
-  Village Hall
-  Attractions
-  Library
-  Leisure centre
-  Sports club
-  Community centre
-  Supermarket/ Grocery store
-  Retail Park
-  Park/ Green space
-  Dentist
-  Pharmacy
-  General practice
-  Hospital
-  Primary schools
-  Secondary schools
-  All-through schools
-  Other schools
-  Town Centre
-  New residential development

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TITLE
**Key origins and destinations
 (Future schools included)**

FIGURE NUMBER	REVISION		
00	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:20,000	ML	CS	09/09/2022



**Estimated Town-based
Through Traffic Flows
(Weekday PM Peak,
4-7pm)**

Approx. no. of vehicles (per
hour)

- 0 - 10
- 11 - 30
- 31 - 50
- 51 - 100
- 110 - 250
- 260 - 500
- 510 - 750
- 760 - 1000
- 1100 - 2000
- 2100 - 3000

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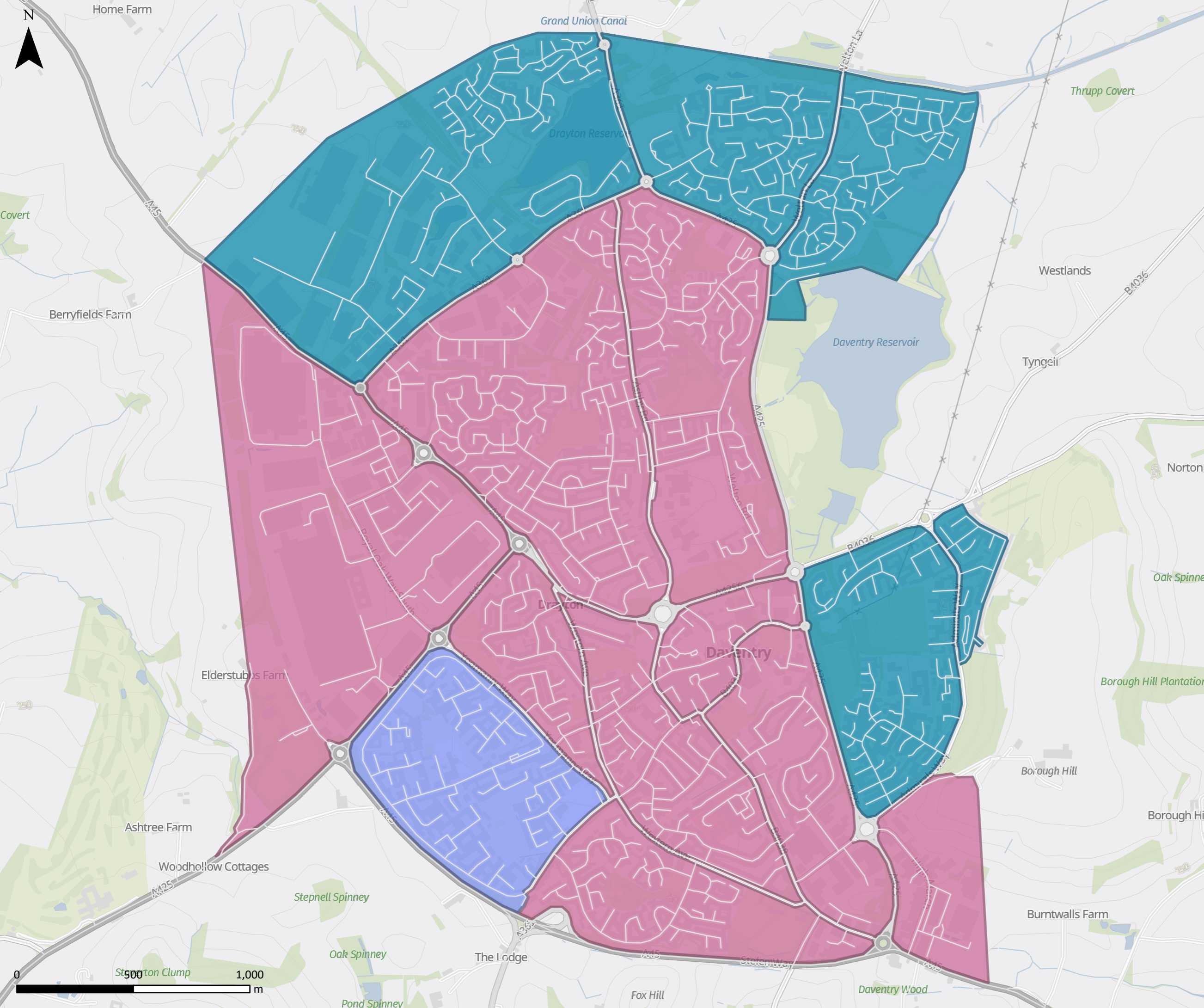
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Daventry LCWIP

TITLE
**The FLOW Town-based
through traffic flows
(Weekday PM Peak)**

FIGURE NUMBER	REVISION		
84	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CS	12/09/2022





Road Links

LTNcells

Type

- Less porous
- Non-porous (Existing LTN)
- Porous

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TITLE

Indicative LTN Cells

FIGURE NUMBER	REVISION		
	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CSw	10/05/2022

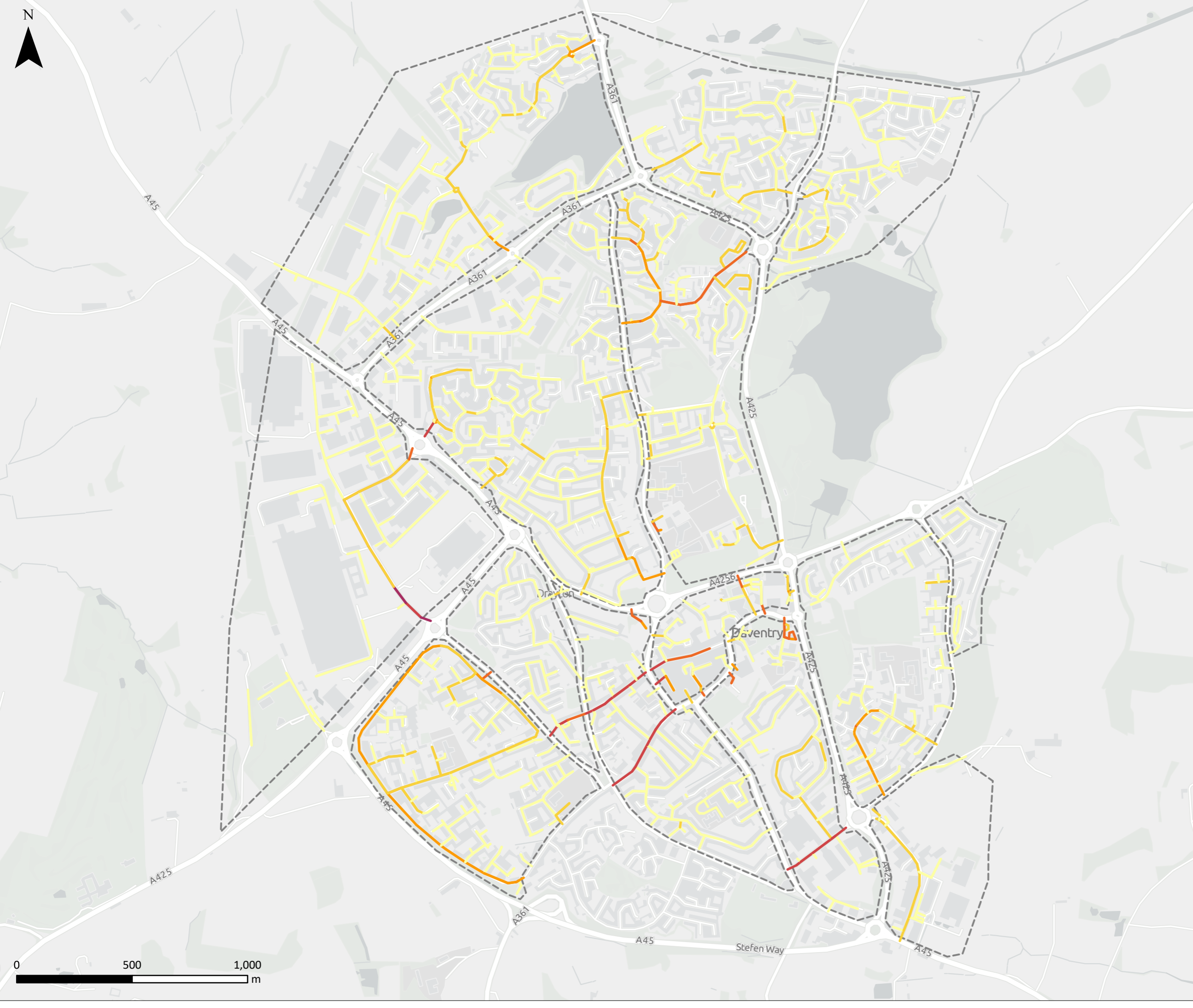


Estimated Cell-based Through Traffic Flows (Weekday PM peak, 4-7pm)

Approx. no. of vehicles (per hour)

- 0 - 10
- 11 - 30
- 31 - 50
- 51 - 100
- 110 - 250
- 260 - 500

Indicative LTN Cells



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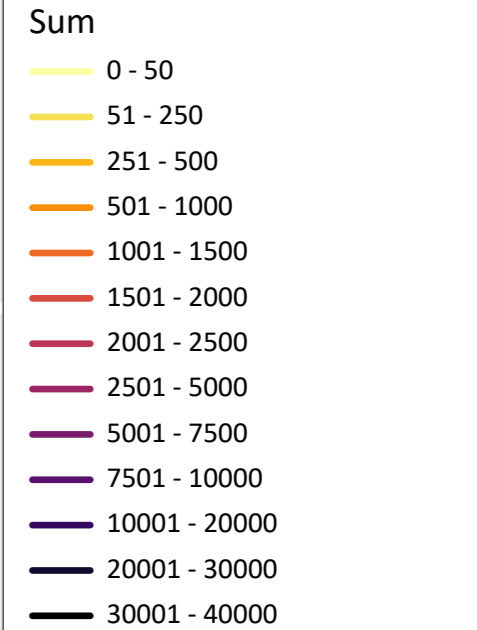
TITLE
The Floop Cell-based through traffic flows (Weekday PM Peak)

FIGURE NUMBER	REVISION		
86	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CS	12/09/2022





Estimated General Traffic Flow (Daily)



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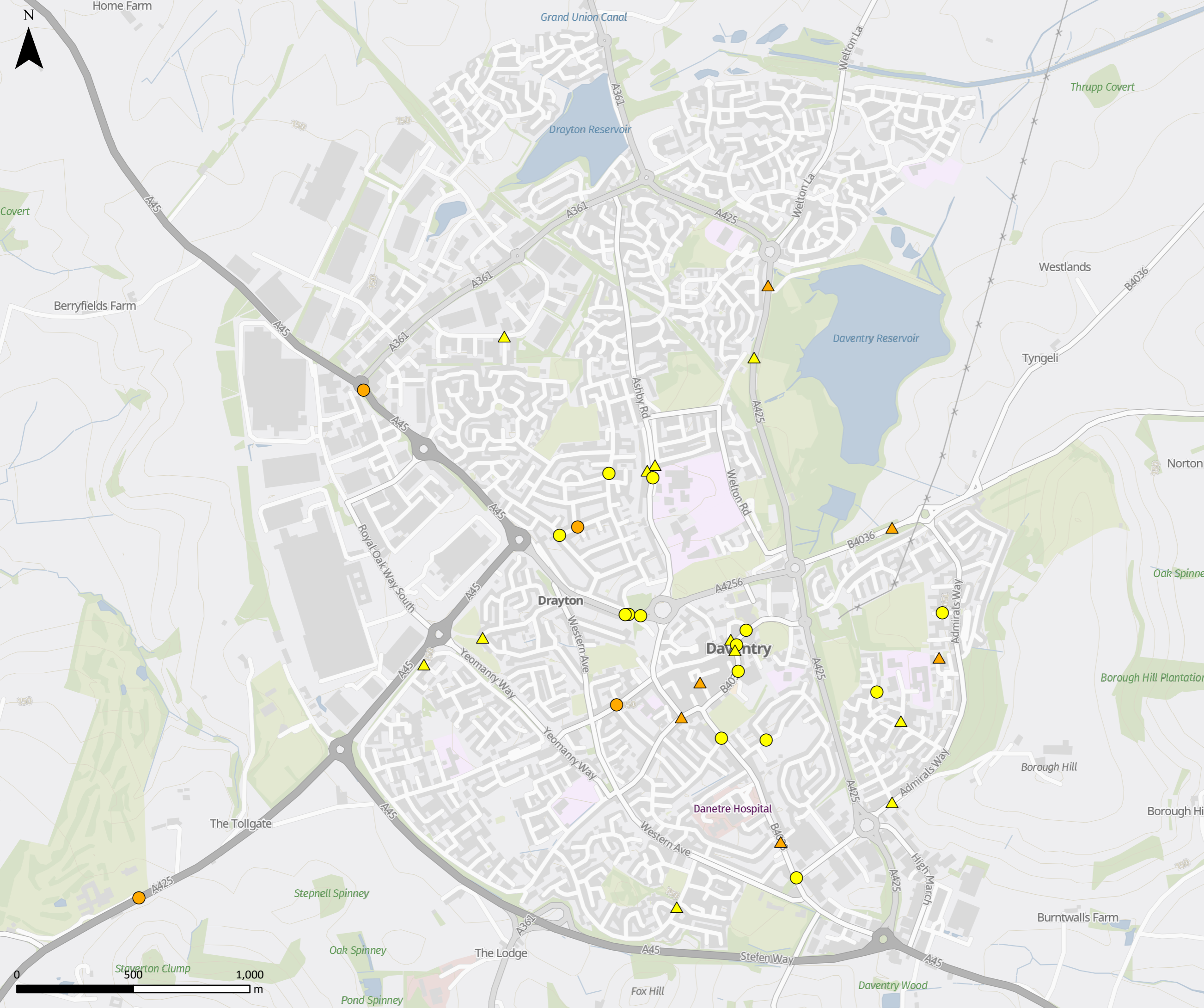
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TITLE
The Floop General traffic flows (Estimated Weekday daily)

FIGURE NUMBER	REVISION		
87	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CS	12/09/2022



Pedestrian & Cyclist Casualties

Category & severity

- ▲ Cyclist - Fatal
- ▲ Cyclist - Serious
- ▲ Cyclist - Slight
- Pedestrian - Fatal
- Pedestrian - Serious
- Pedestrian - Slight

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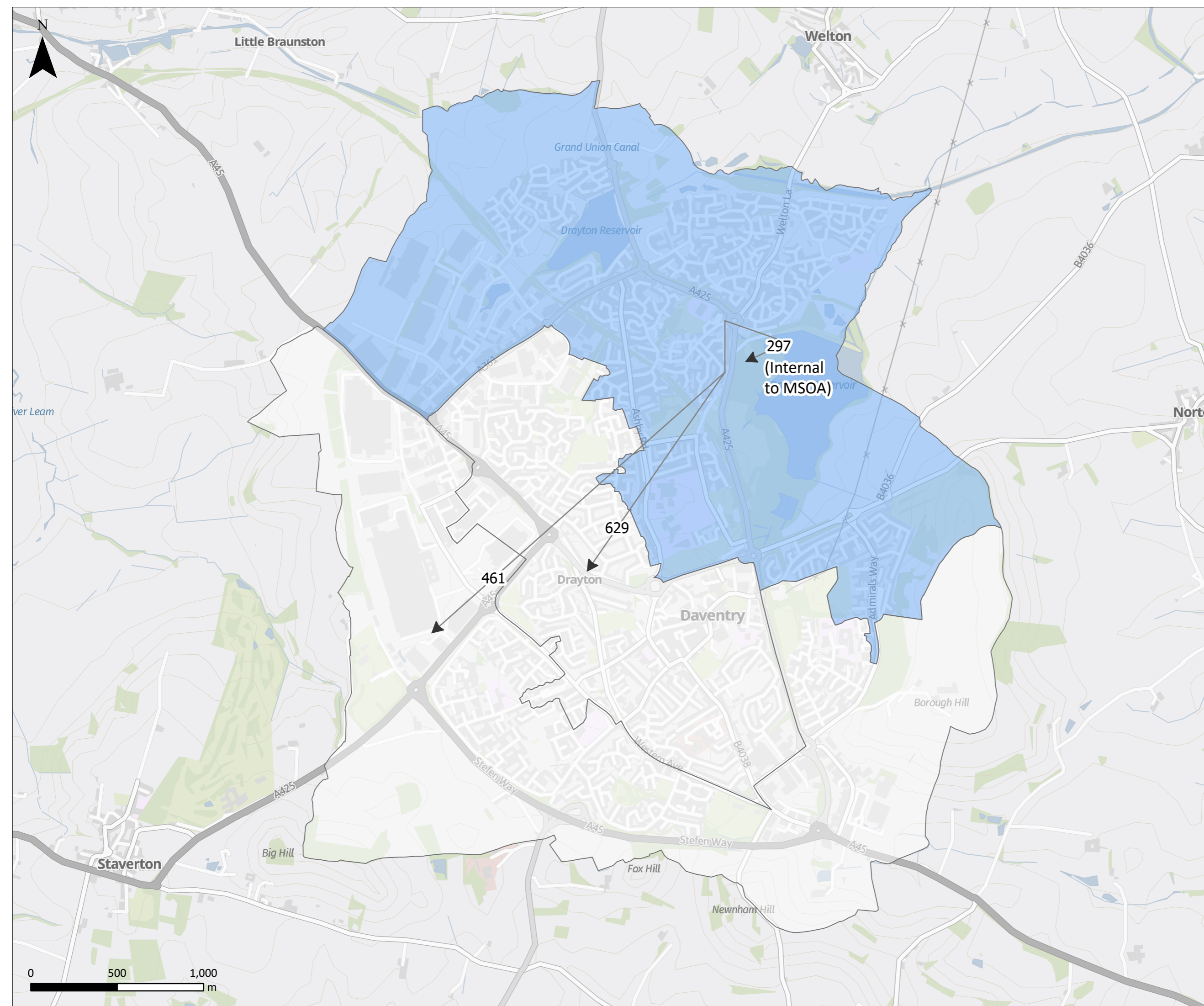
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TITLE
Pedestrian & Cyclist Casualties

FIGURE NUMBER	REVISION		
41	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CS	12/09/2022



→ Journey to work by car (Origin: Daventry 006)

Central Daventry MSOAs

MSOA

- Daventry 006 (Origin MSOA)
- Daventry 007 & 008

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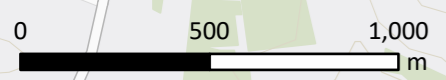
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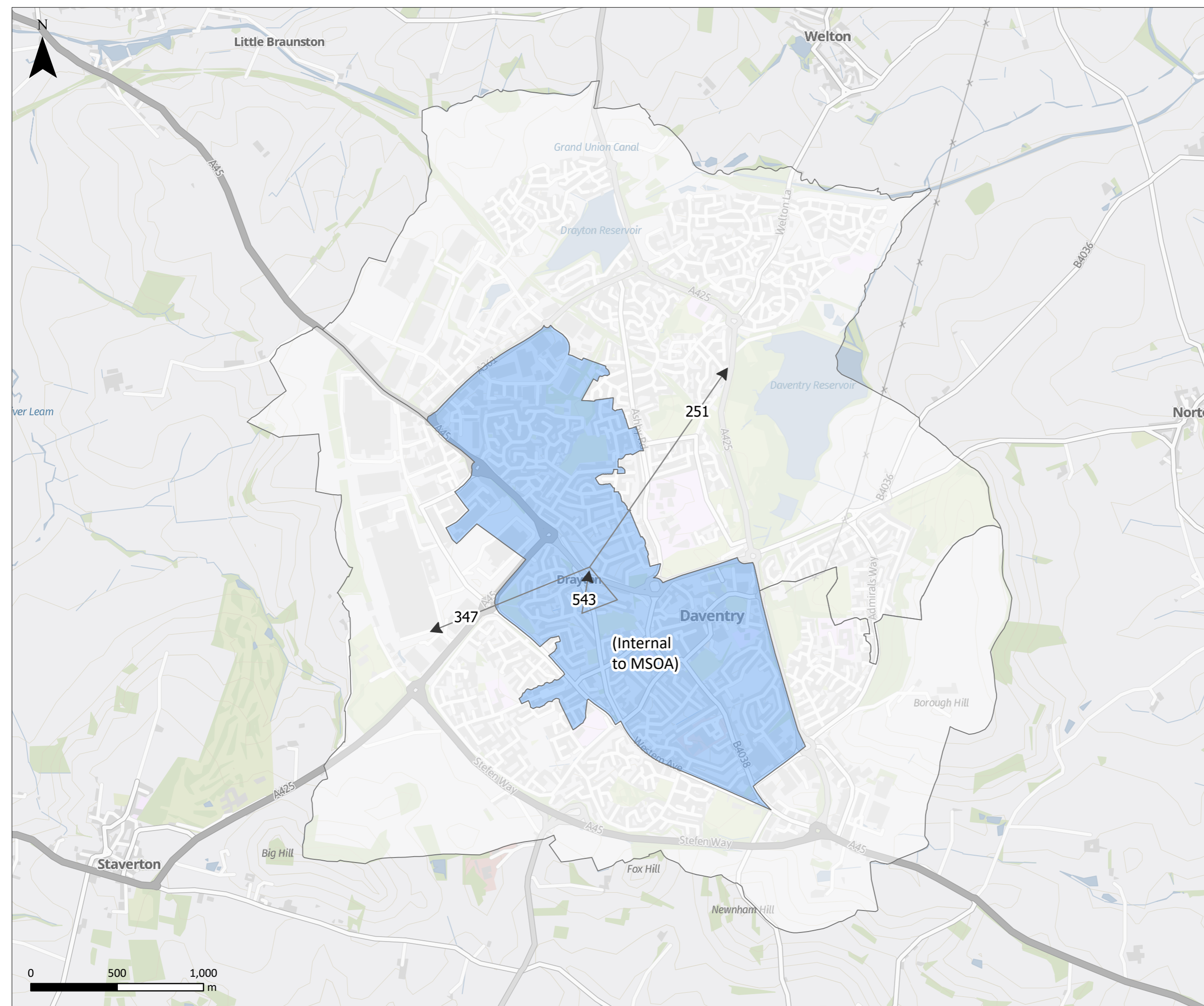
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PROJECT
Daventry LCWIP

TITLE
NOMIS Journey to work - Daventry 006

FIGURE NUMBER	REVISION		
91	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:20,000	ML	CS	12/09/2022





→ Journey to work by car (Origin: Daventry 007)

Central Daventry MSOAs

MSOA

- Daventry 007
- Daventry 006 & 008

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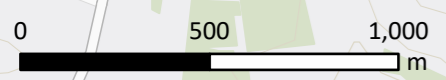
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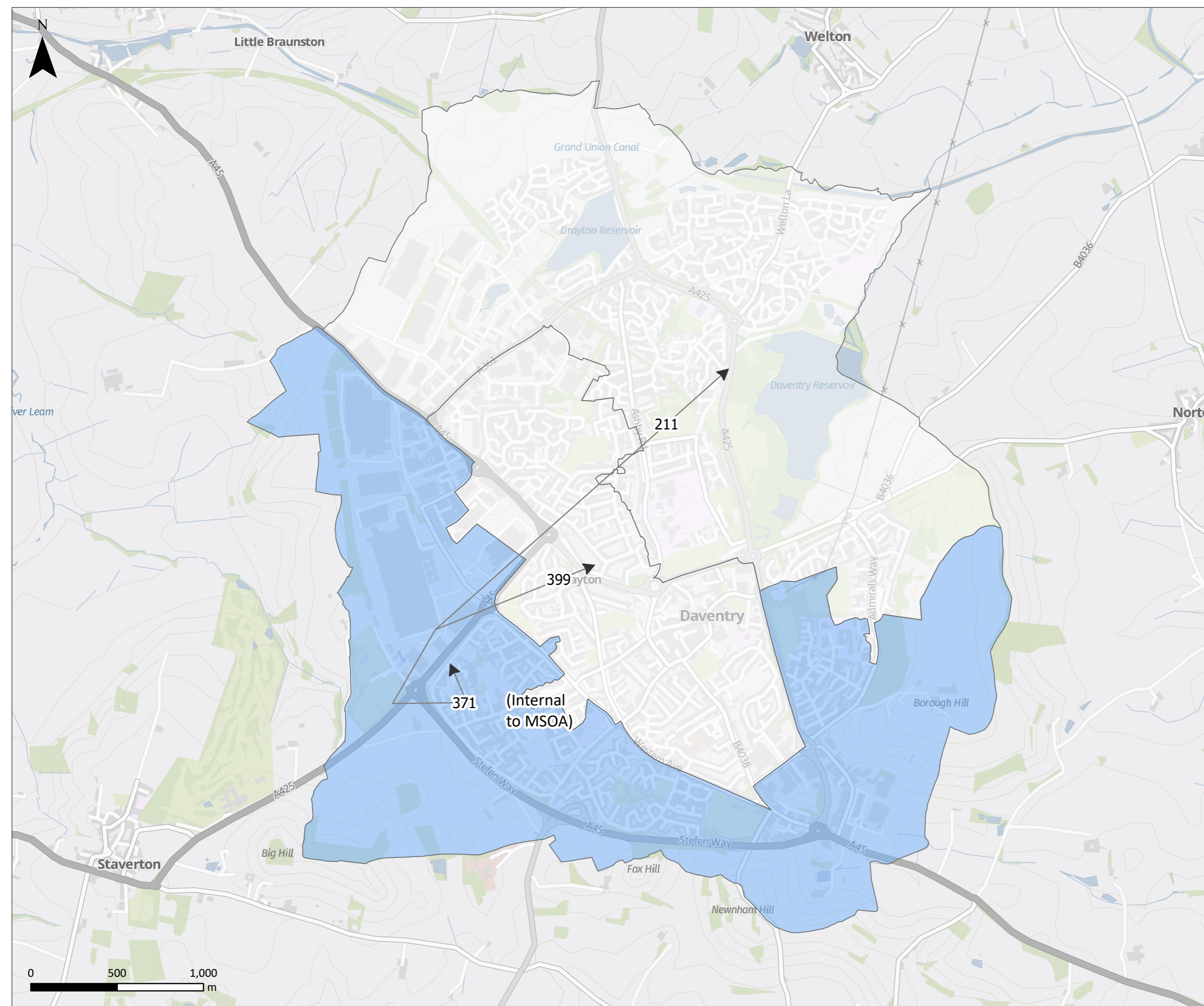
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PROJECT
Daventry LCWIP

TITLE
NOMIS Journey to work - Daventry 007

FIGURE NUMBER	REVISION		
92	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:20,000	ML	CS	12/09/2022





→ Journey to work by car (Origin: Daventry 008)

Central Daventry MSOAs

- MSOA**
- Daventry 008
 - Daventry 006 & 007

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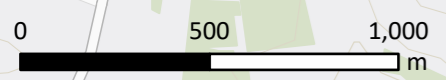
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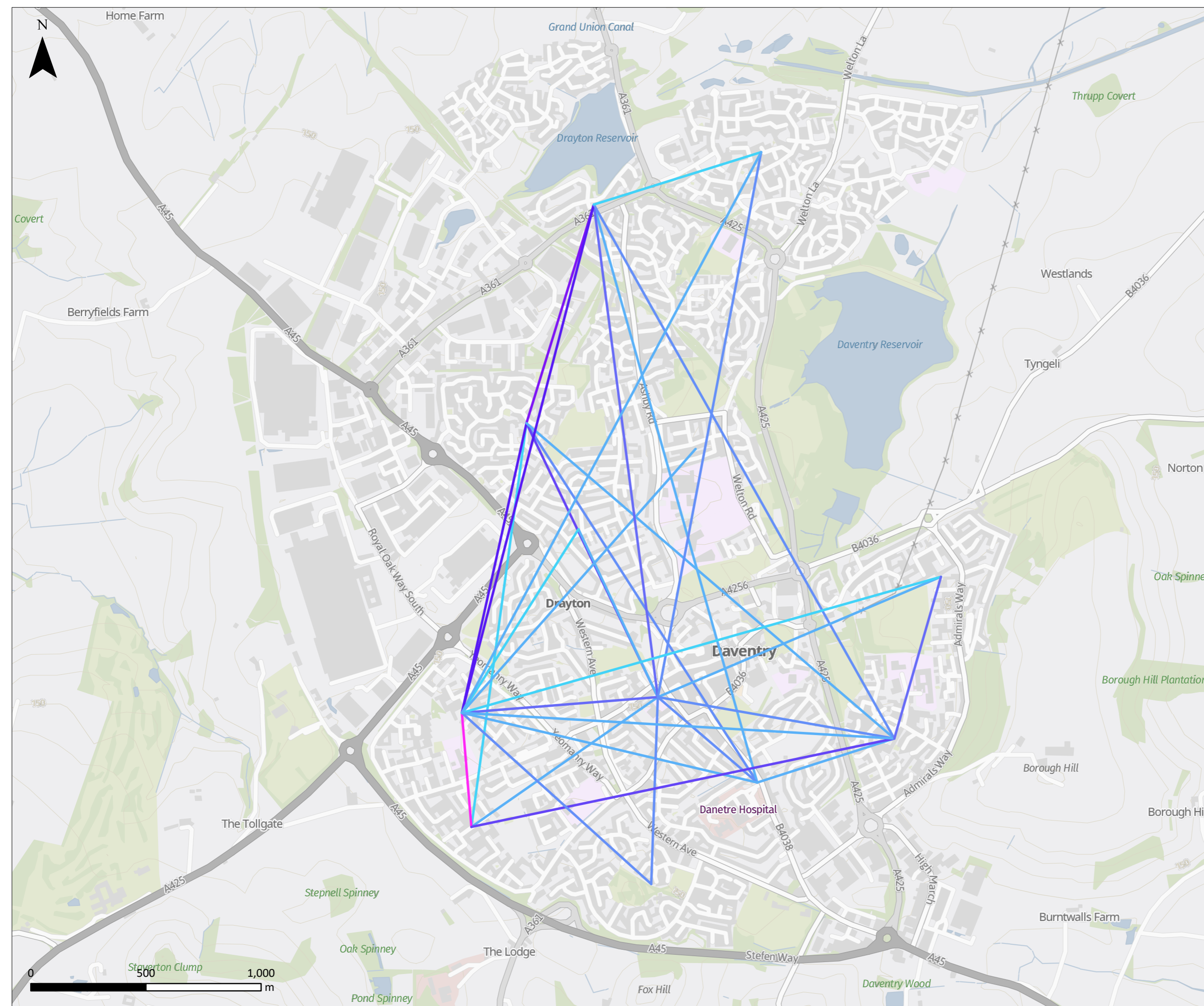
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TITLE
NOMIS Journey to work - Daventry 008

FIGURE NUMBER	REVISION		
93	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:20,000	ML	CS	12/09/2022





**Propensity to Cycle -
Commuting E-Bike
Scenario (Top 30 Straight
Lines)**

No. of cyclists

- ≤20
- ≤30
- ≤40
- ≤50
- ≤60
- ≤70
- ≤80
- ≤90
- ≤100
- ≤110
- ≤120
- ≤130
- ≤140

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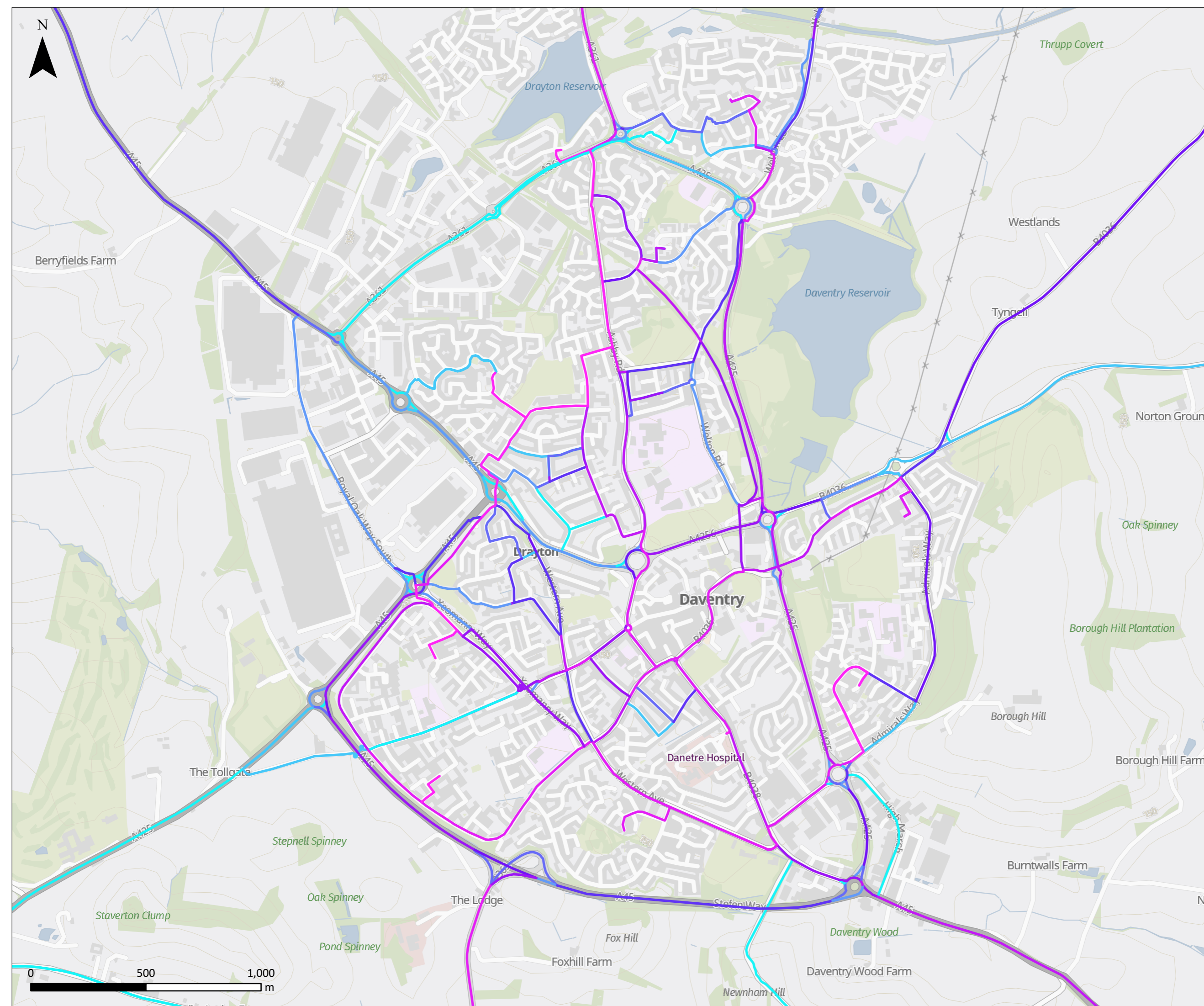
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TITLE
**PCT Commuting - E-Bike
scenario (Straight lines)
adjusted with developments**

FIGURE NUMBER	REVISION		
11-1	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CS	09/09/2022



Propensity to Cycle -
Commuting E-bike
scenario applied network -
New developments
considered

No. of cyclist

- ≤ 10
- ≤ 20
- ≤ 40
- ≤ 60
- ≤ 80
- ≤ 100
- ≤ 150
- ≤ 200
- ≤ 400
- ≤ 800

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TITLE
**PCT Commuting - E-bike
scenario (Applied network)
adjusted with developments**

FIGURE NUMBER	REVISION		
12-D	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CS	09/09/2022





Propensity to Cycle
 -School travel - Go-Dutch scenario applied network - Original dataset

No. of cyclist

- ≤50
- ≤100
- ≤150
- ≤200
- ≤250
- ≤300
- ≤350
- ≤400
- ≤450
- ≤500
- ≤550

Phase of Education

- Primary schools
- Secondary schools
- All-through schools
- Higher Education
- Other schools
- Infant schools

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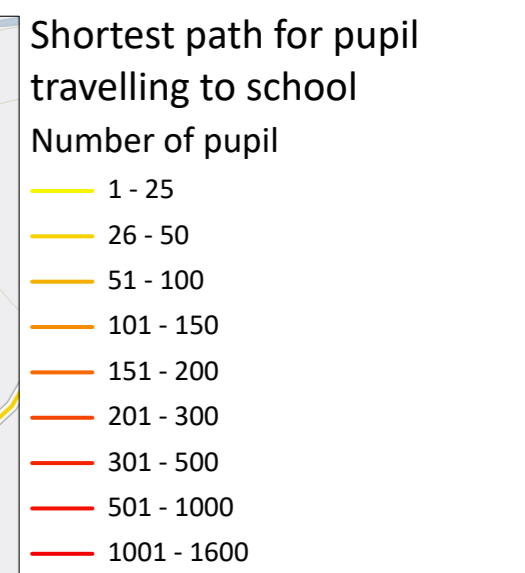
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TITLE
PCT School Travel - Go-Dutch Scenario (Applied network)

FIGURE NUMBER	REVISION		
13	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CS	09/09/2022



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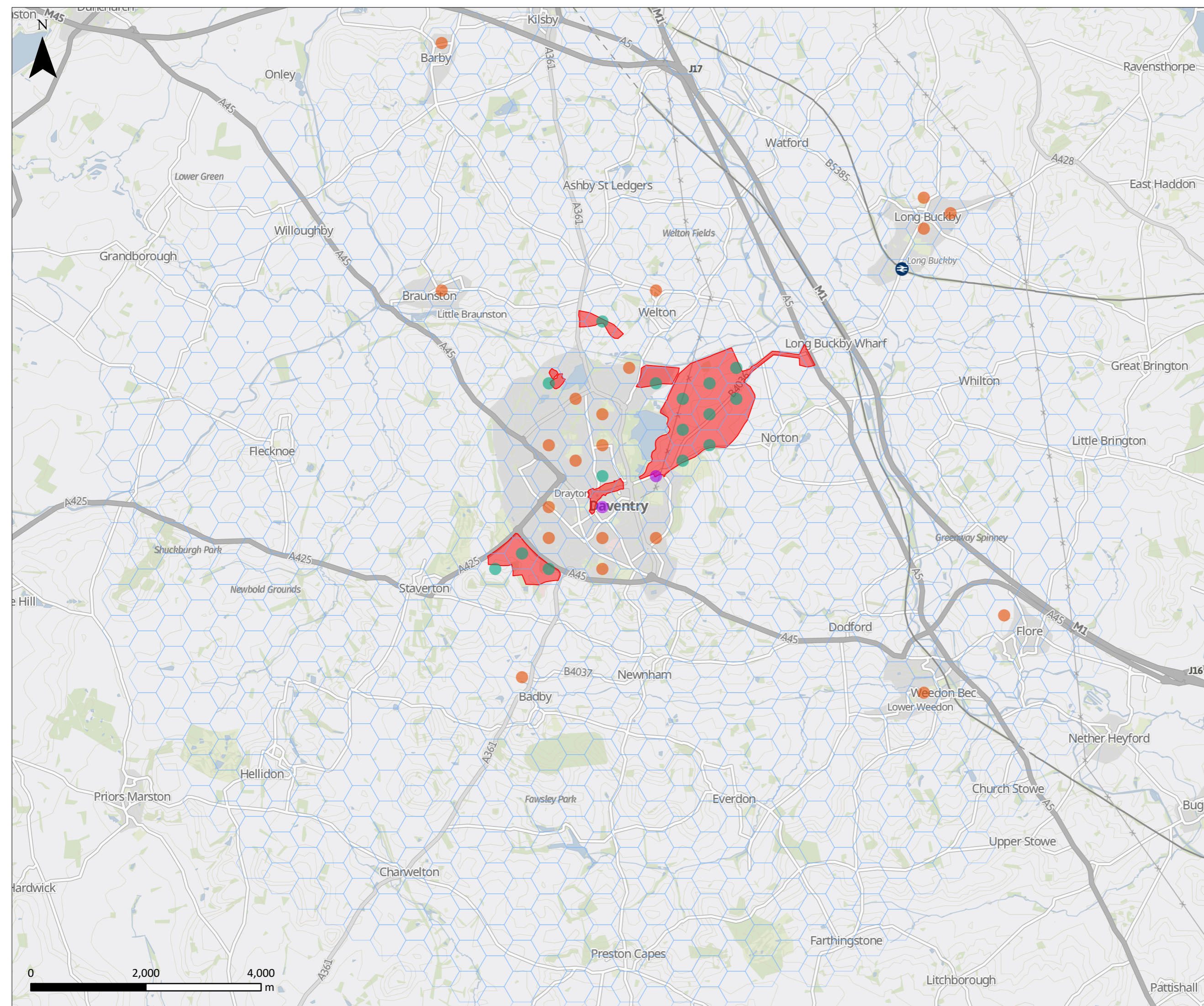
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PROJECT
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TITLE
Pupil postcode analysis - journey to school heatmap

FIGURE NUMBER	REVISION		
C1-D	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CS	15/09/2022





Original cluster

- Contains LSOA Centroid (Population Weighted)
- Contains future housing development
- Contains both
- Hexagon grid (0.25 sqkm)
- New residential development

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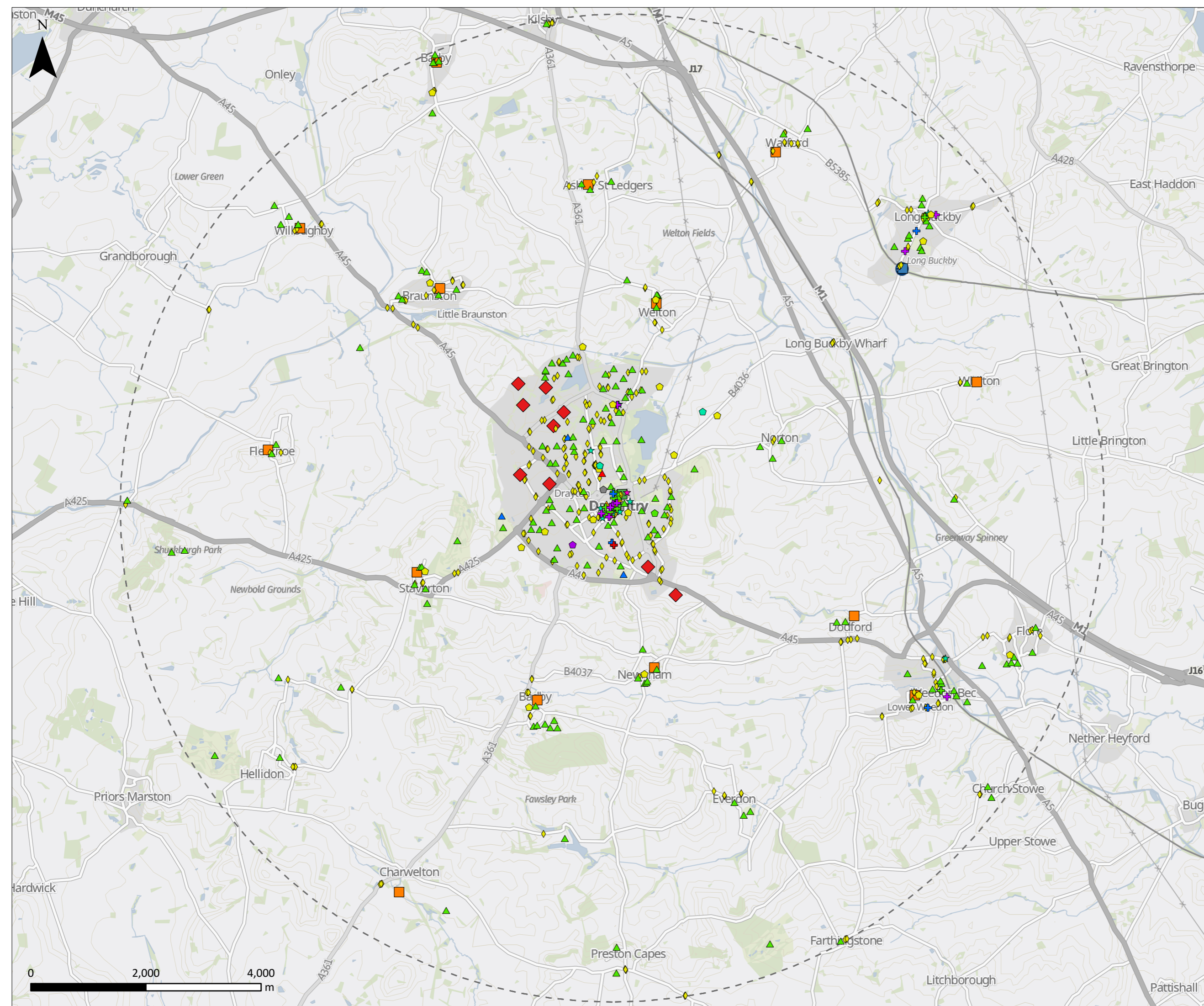
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TITLE
'Everyday Trip' Analysis - Origins

FIGURE NUMBER	REVISION		
21	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:60,000	ML	CS	09/09/2022



Study area (~8km)

Class 1 Destinations

- ◆ Key Employment Sites
- Railway Station
- Town Centre
- Village

Class 2 Destinations

- ◆ Bus Stop
- ★ Attraction
- ▲ Library
- ▲ Leisure Centre
- ▲ Sports club
- ▲ Community Centre
- ★ Supermarket
- ★ Retail Park
- ▲ Green Space
- + Pharmacy
- + Dentist
- + General Practice
- + Hospital
- ◆ Primary school
- ◆ Secondary school
- ◆ All-through school
- ◆ Higher Education
- ◆ Other school

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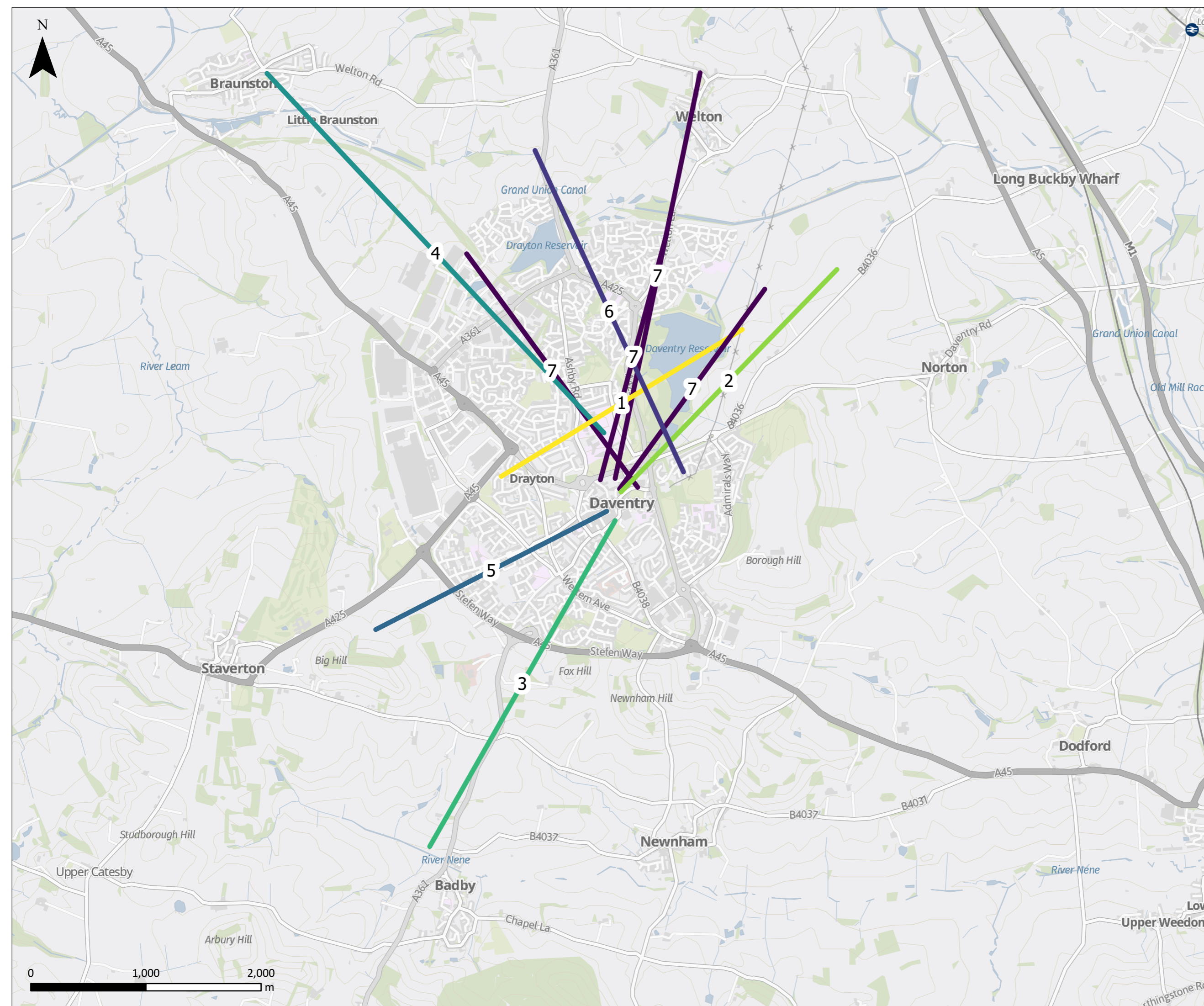
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TITLE
'Everyday Trip' Analysis - Destinations

FIGURE NUMBER	REVISION		
22	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:60,000	ML	CS	09/09/2022



Top 10 clustered
'Everyday' Cycling Desire
Line

Rank

- 1
- 2
- 3
- 4
- 5
- 6
- 7

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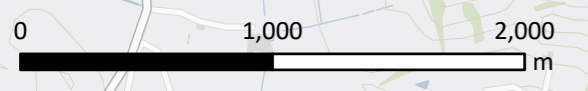
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TITLE
**'Everyday Trip' Analysis - Top
10 clustered Cycling desire
line (2-5km)**

FIGURE NUMBER	REVISION		
24	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:30,000	ML	CS	09/09/2022





- Prioritised Cycle Routes
- Routes to surrounding settlements
- Core walking zone

NOTE
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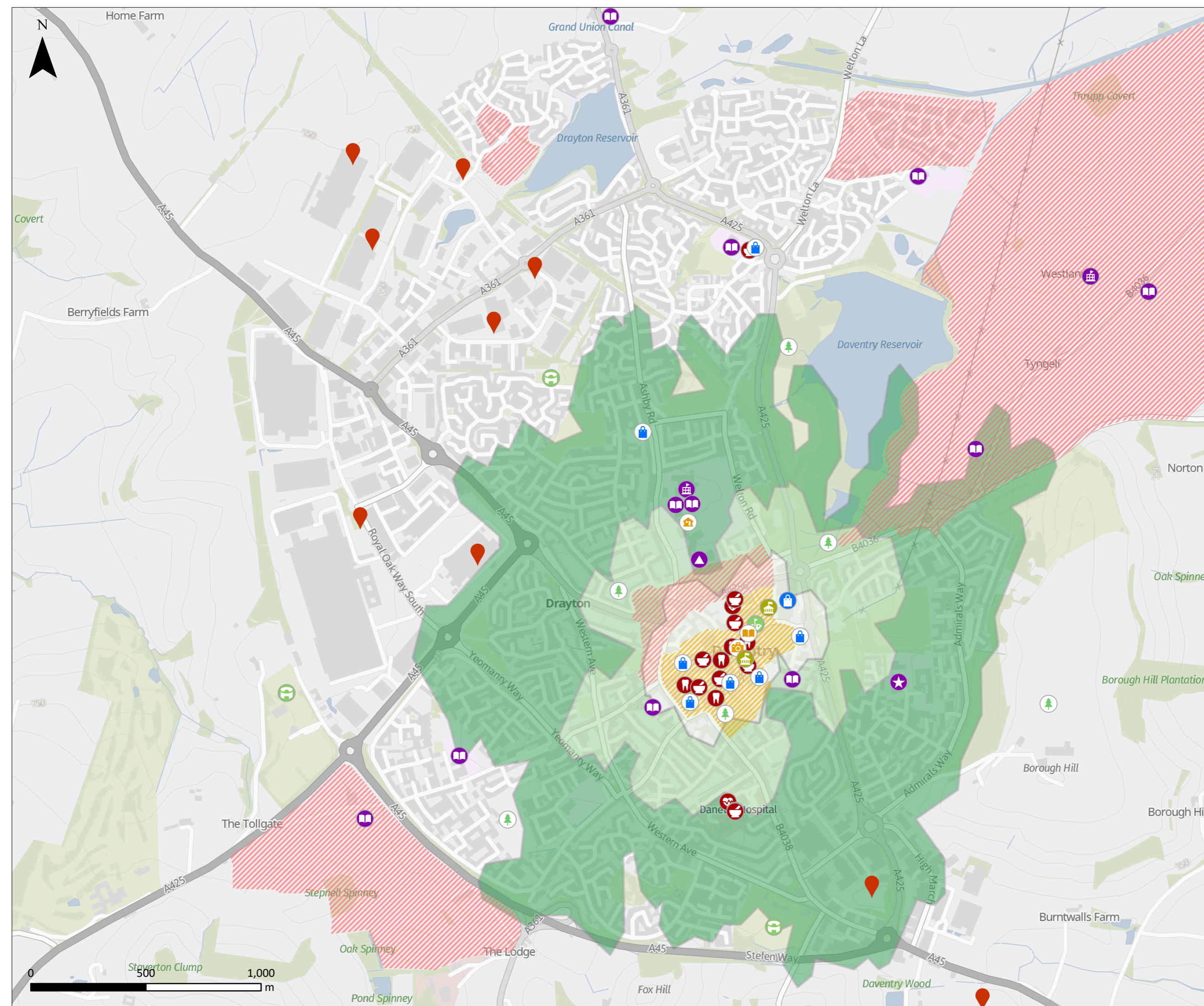
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TITLE
 Daventry Prioritised Cycle
 Routes

FIGURE NUMBER	DRAWN	REVIEWED	REVISION	DATE
DR20	ML	CS	A	15/09/2022



- Future employment allocation
- Town Council
- Attractions
- Library
- Leisure centre
- Sports club
- Community centre
- Supermarket/ Grocery store
- Retail Park
- Park/ Green space
- Dentist
- Pharmacy
- General practice
- Hospital
- Primary schools
- Secondary schools
- All-through schools
- Other schools
- New residential development
- Town Centre

- Reachable distance by walking**
- 5 minutes
 - 10 minutes
 - 20 minutes

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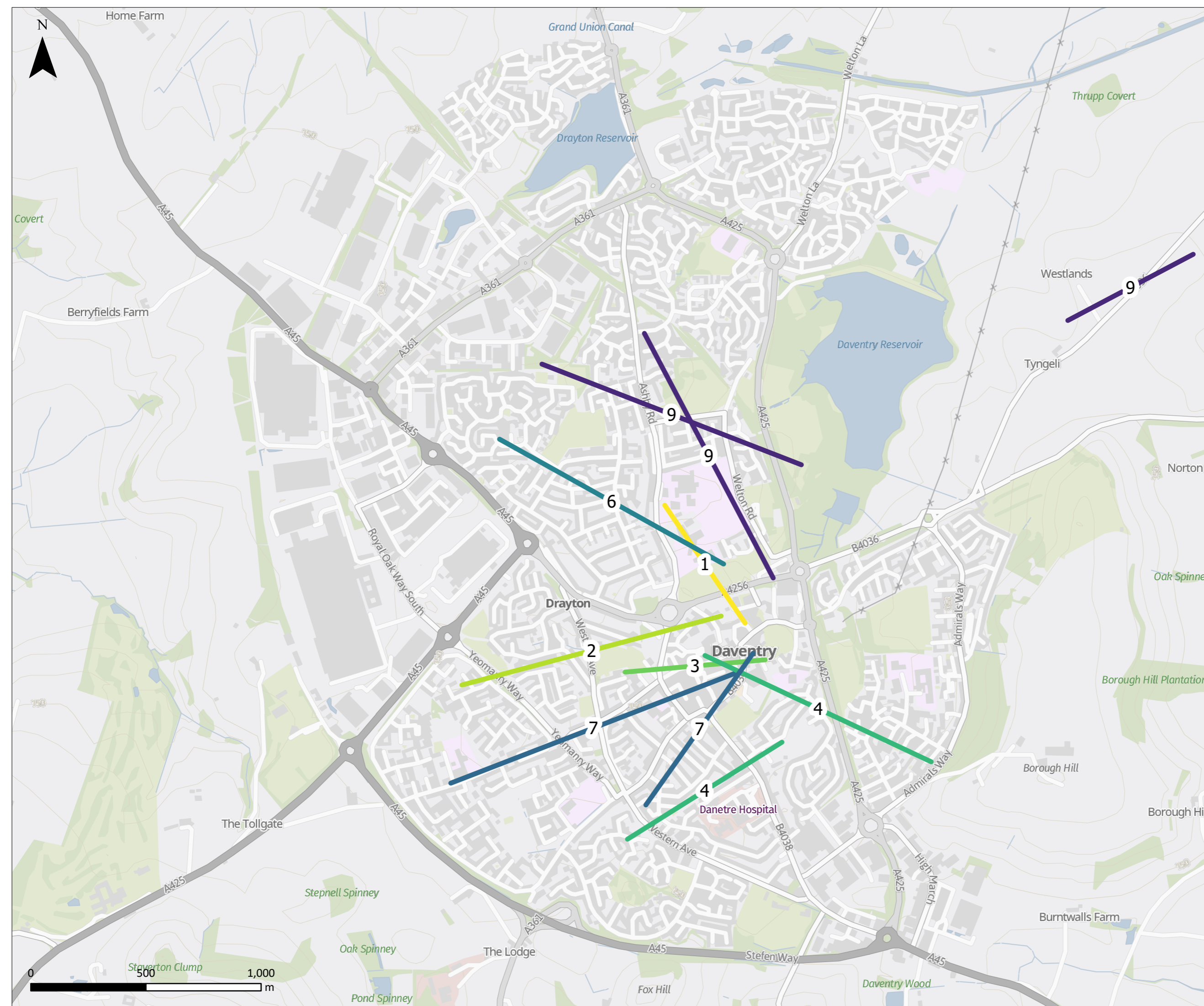
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PROJECT
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TITLE
Walking isochrones

FIGURE NUMBER	REVISION		
01	B		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CS	09/09/2022





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PROJECT
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TITLE
'Everyday Trip' Analysis - Top 10 clustered Walking desire line (0-2km)

FIGURE NUMBER	REVISION		
23	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CS	09/09/2022



- Core walking zone
- Key walking routes

NOTE
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TITLE
Daventry Core Walking Zones & Key Walking Routes

FIGURE NUMBER	REVISION		
01	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:5,000	ML	CS	25/10/2022





Walking RAG

- AMBER
- GREEN

Core walking zone

- Core walking zone

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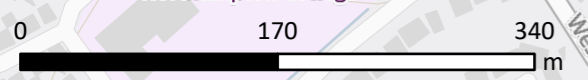
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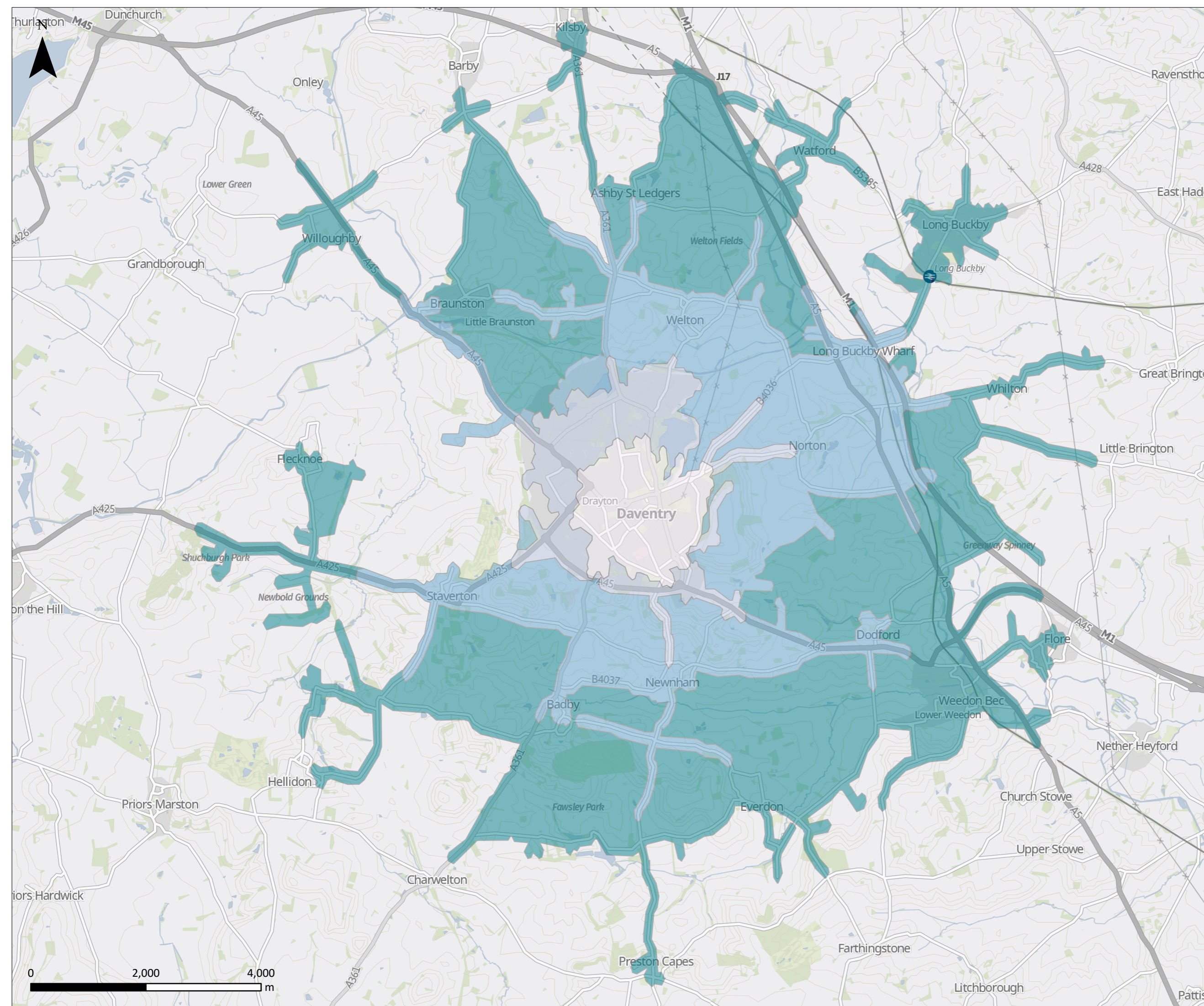
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TITLE
**Daventry Walking routes
 RAG rating**

FIGURE NUMBER	REVISION		
DR43	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:5,000	ML	CS	25/10/2022





Reachable distance by cycling

- 5 minutes
- 10 minutes
- 20 minutes
- 30 minutes

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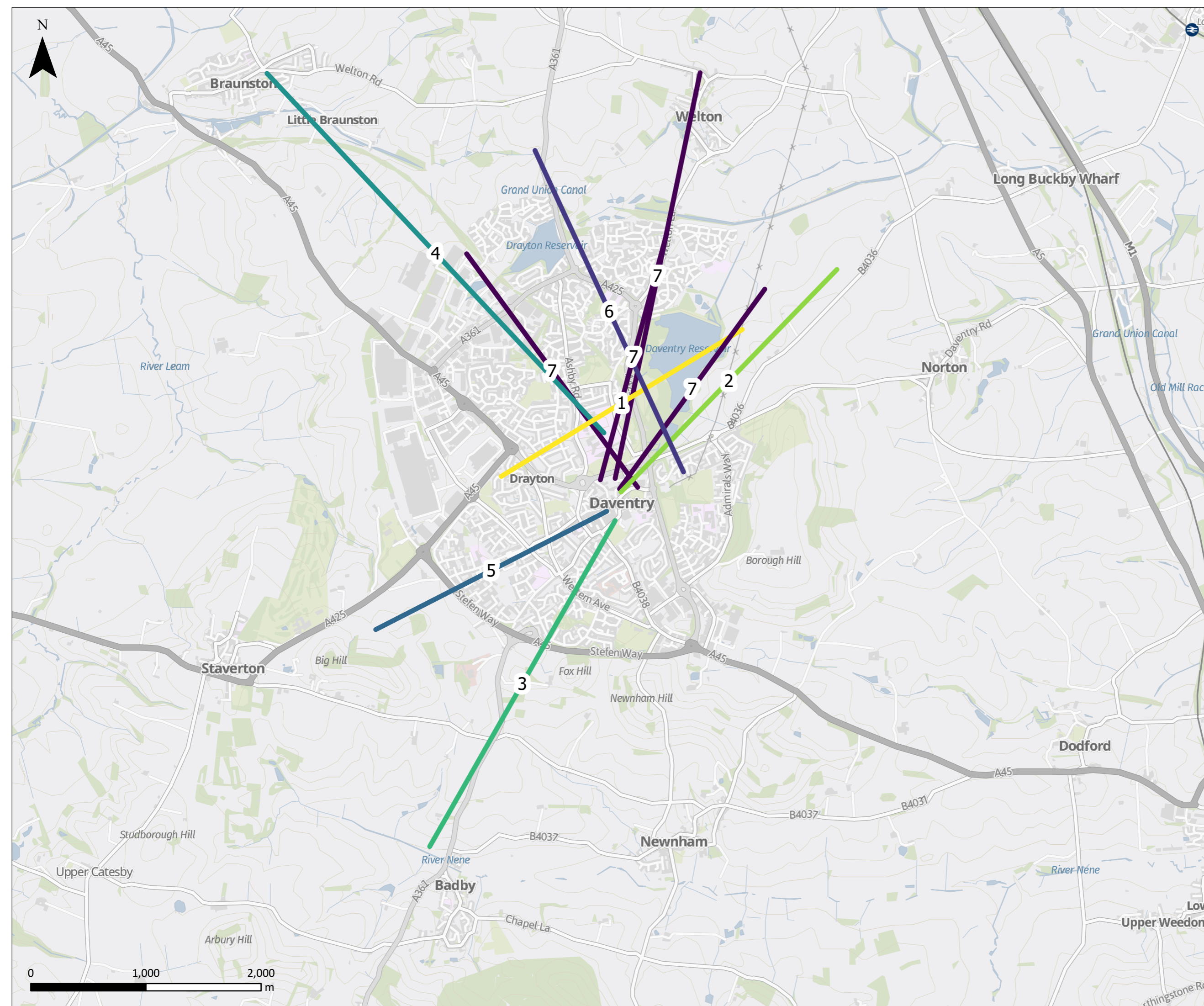
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TITLE
Cycling isochrones

FIGURE NUMBER	REVISION		
01	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:60,000	ML	CS	09/09/2022





Top 10 clustered
'Everyday' Cycling Desire
Line

Rank

- 1
- 2
- 3
- 4
- 5
- 6
- 7

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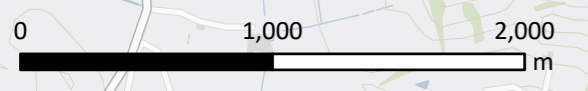
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TITLE
**'Everyday Trip' Analysis - Top
10 clustered Cycling desire
line (2-5km)**

FIGURE NUMBER	REVISION		
24	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:30,000	ML	CS	09/09/2022





Study area (~8km)

Top 10 clustered 'Everyday' cycling desire line (5-8km)

Rank

- 1
- 2
- 3

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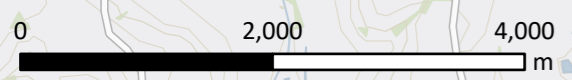
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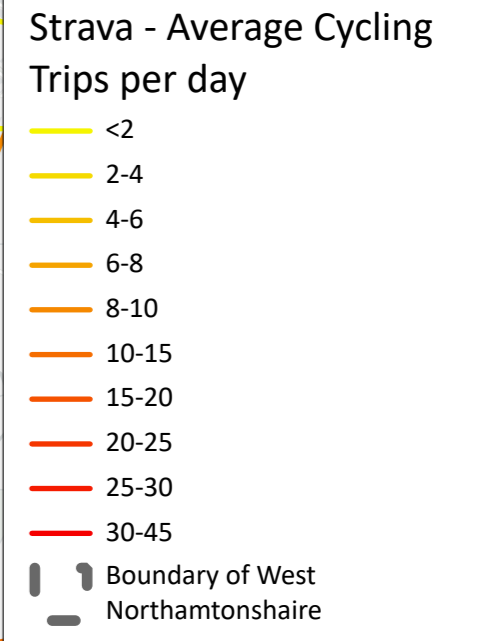
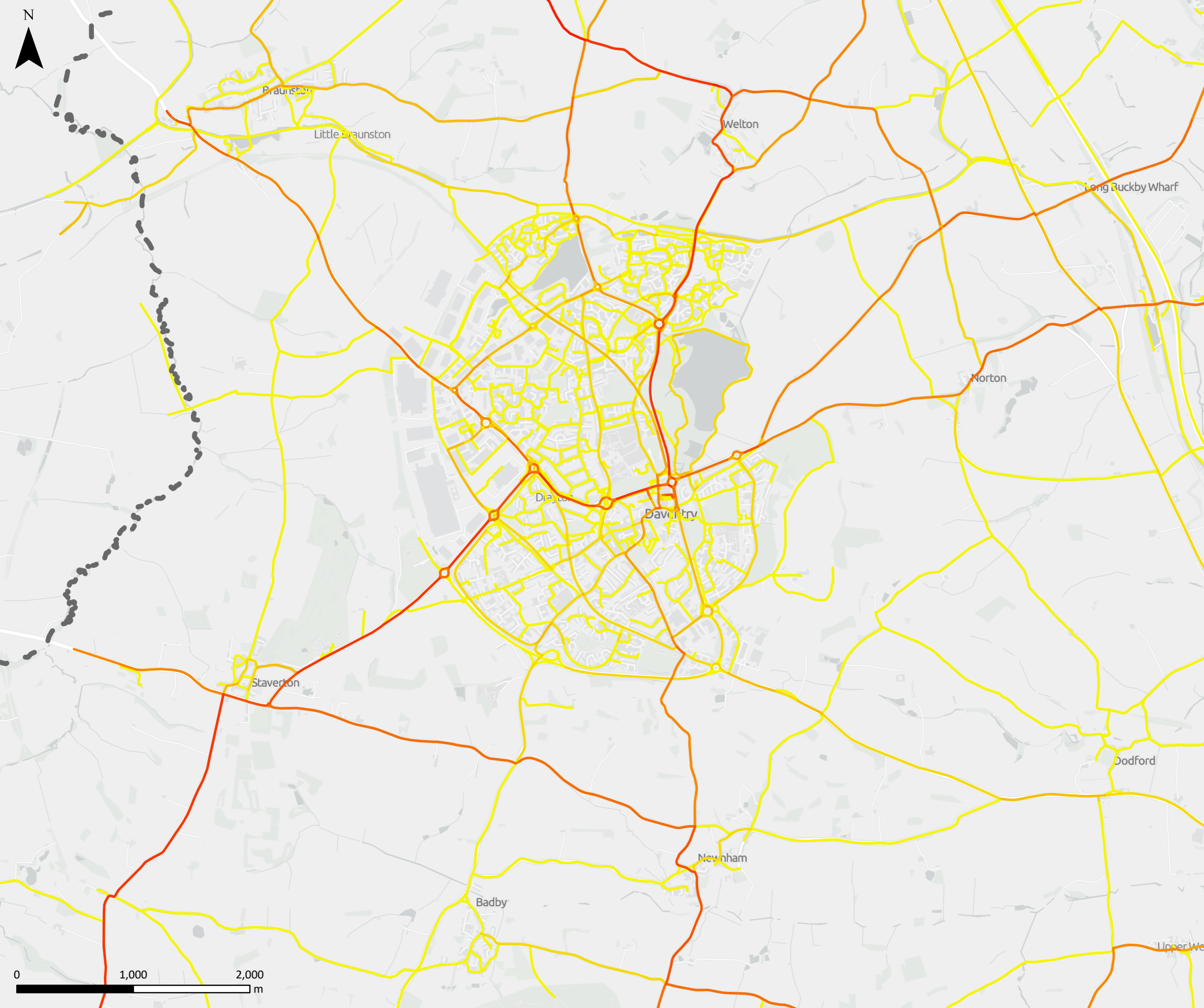
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TITLE
'Everyday Trip' Analysis - Top 10 clustered Cycling desire line (5-8km)

FIGURE NUMBER	REVISION		
25	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:60,000	ML	CS	09/09/2022





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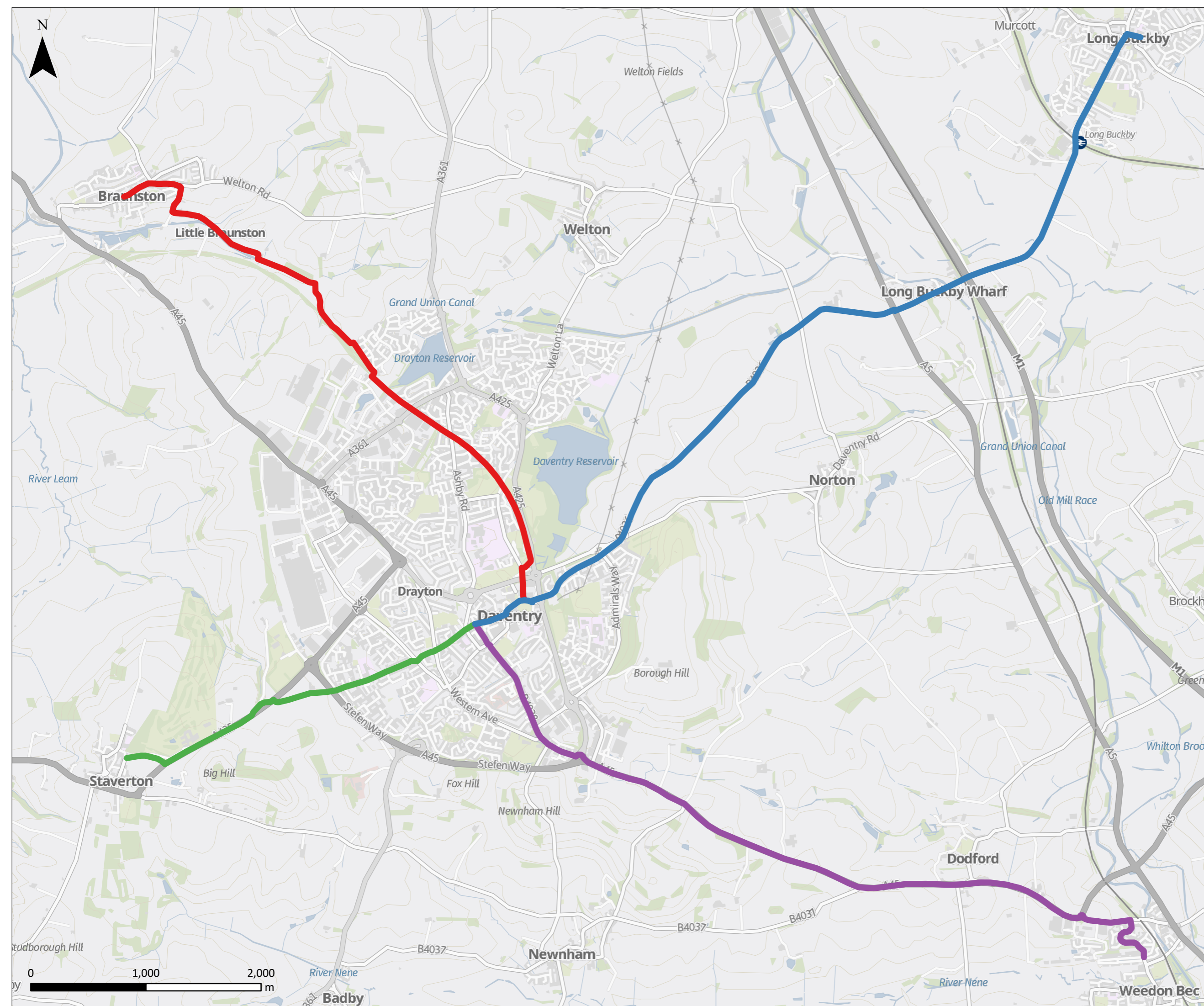
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TITLE
71 Average Strava Cycle Trips per day (May-Jul 2019)

FIGURE NUMBER	REVISION		
01	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:30,000	ML	CS	12/09/2022



Routes to surrounding settlements

- Braunston
- Long Buckby
- Staverton
- Weedon Bec

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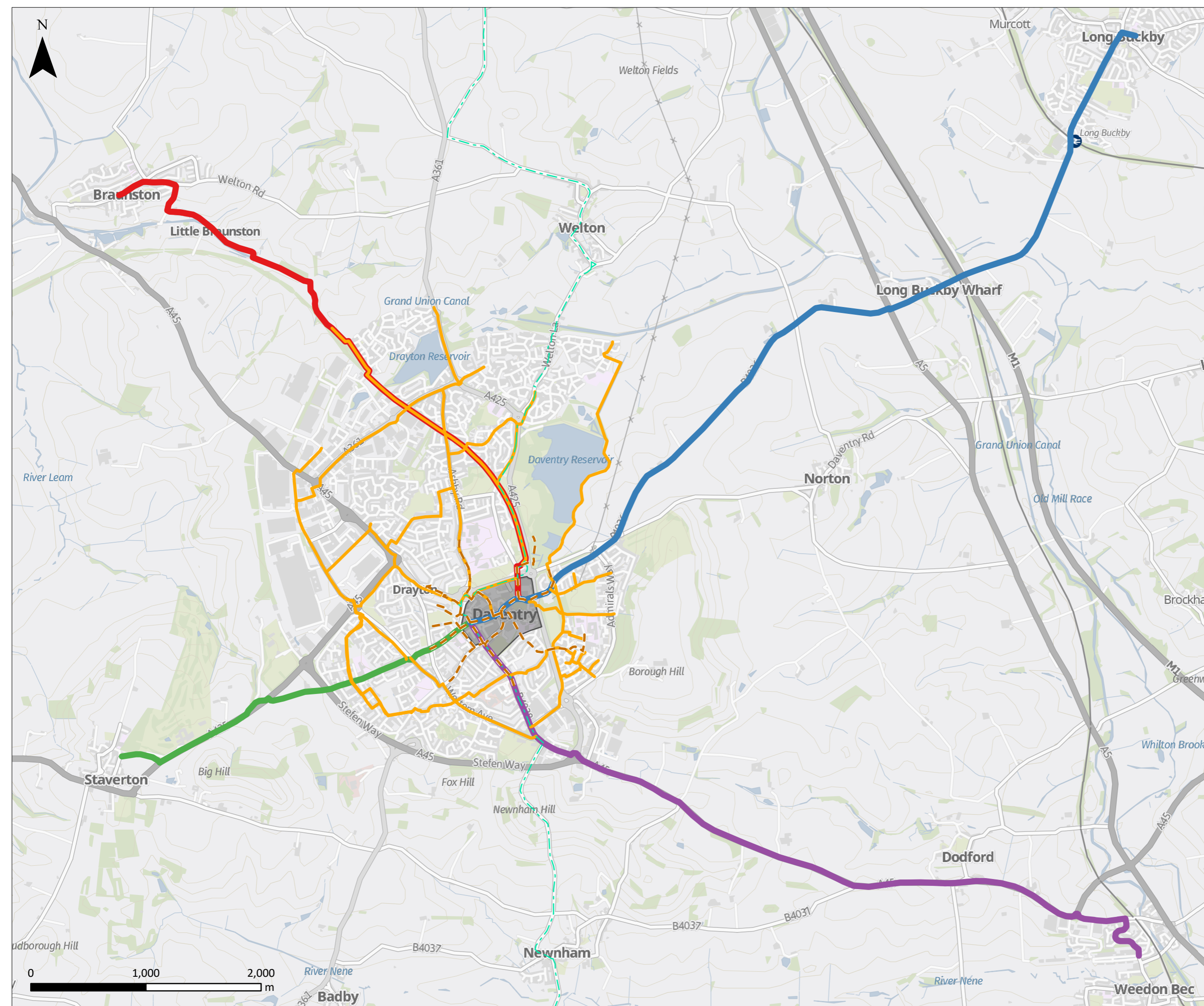
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PROJECT
Daventry LCWIP

TITLE
Routes to surrounding settlements, Cycling & Walking Routes in Daventry

FIGURE NUMBER	REVISION		
01	A		
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A3 @ 1:30,000	ML	CS	13/10/2022



Routes to surrounding settlements

- Braunston
- Long Buckby
- Staverton
- Weedon Bec
- Cycling routes in Daventry
- - - National Cycle Network
- Core walking zone
- - - Key walking routes

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