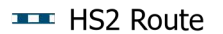
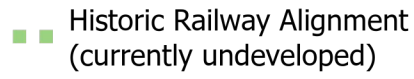





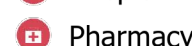



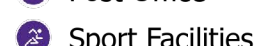
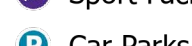



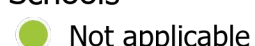





-  HS2 Route
-  Historic Railway Alignment (currently undeveloped)
- Road Hierarchy**
 -  A Road
 -  Minor Road
 -  Public Right of Way
- Healthcare Facilities**
 -  General Practice
 -  Hospital
 -  Pharmacy
 -  Dentist
- Amenities**
 -  Supermarket/ Retail point
 -  Post Office
 -  Sport Facilities
 -  Car Parks
- Local Plan Designations**
 -  Town Centre Boundary
 -  Employment Site Allocations
 -  Housing Site Allocations
- Schools**
 -  Not applicable
 -  Primary
 -  Secondary

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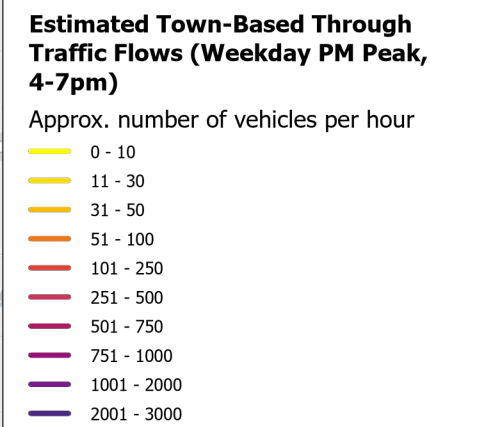
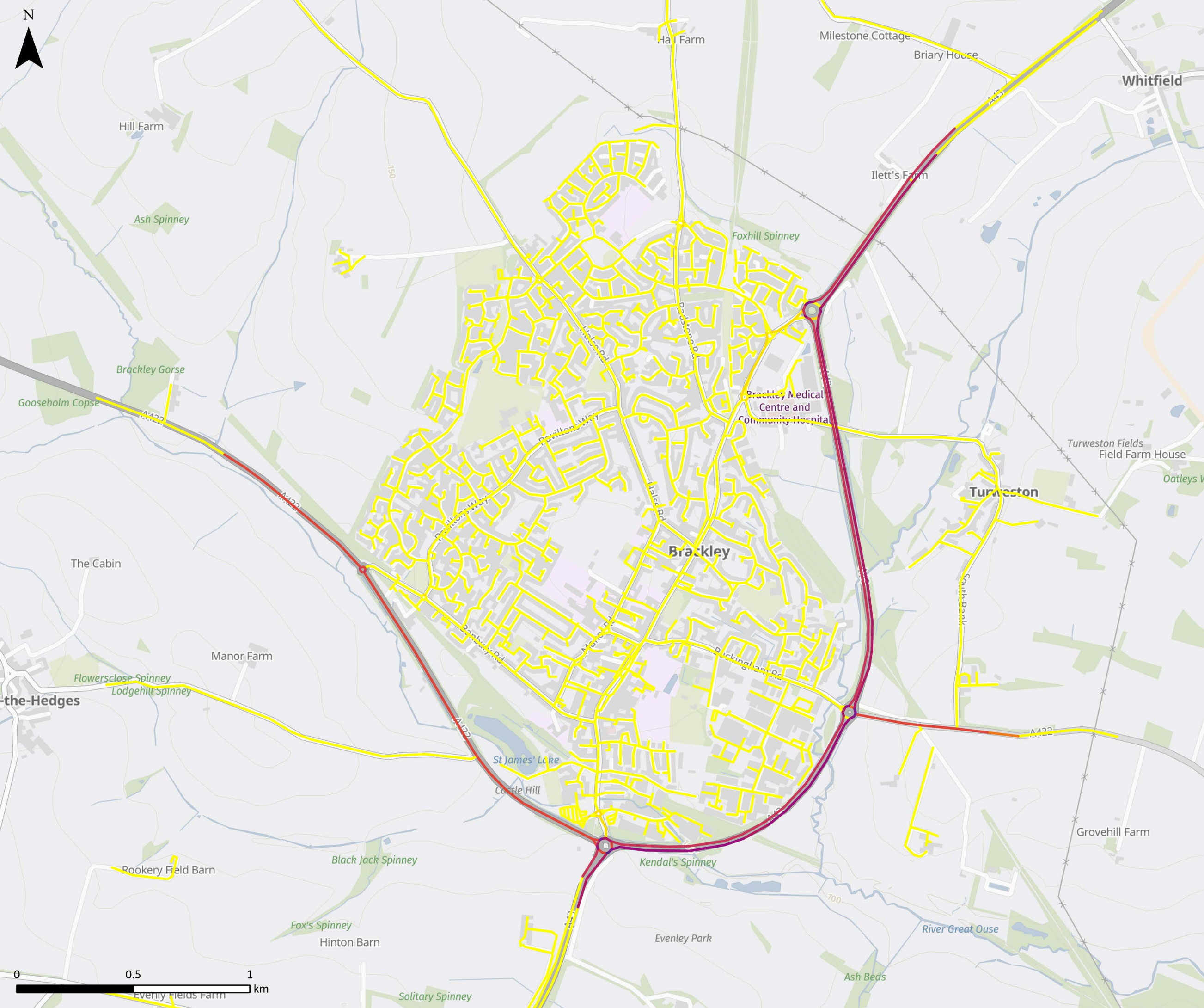
PROJECT

HS2 Technical Support (Brackley LCWIP)

TITLE

KEY DESTINATIONS AND LOCAL PLAN DESIGNATIONS

SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:13,000	JY	BC	19/01/2022
FIGURE NUMBER	REVISION		
25	C		



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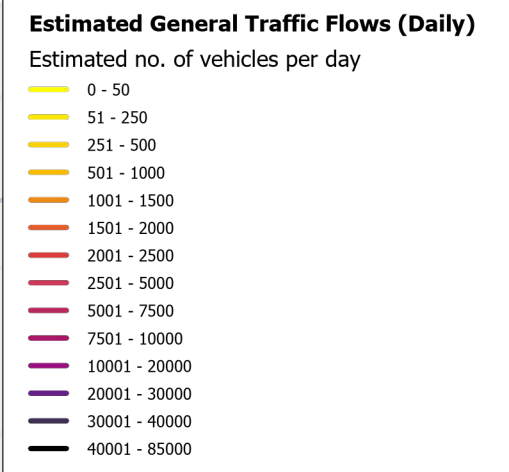
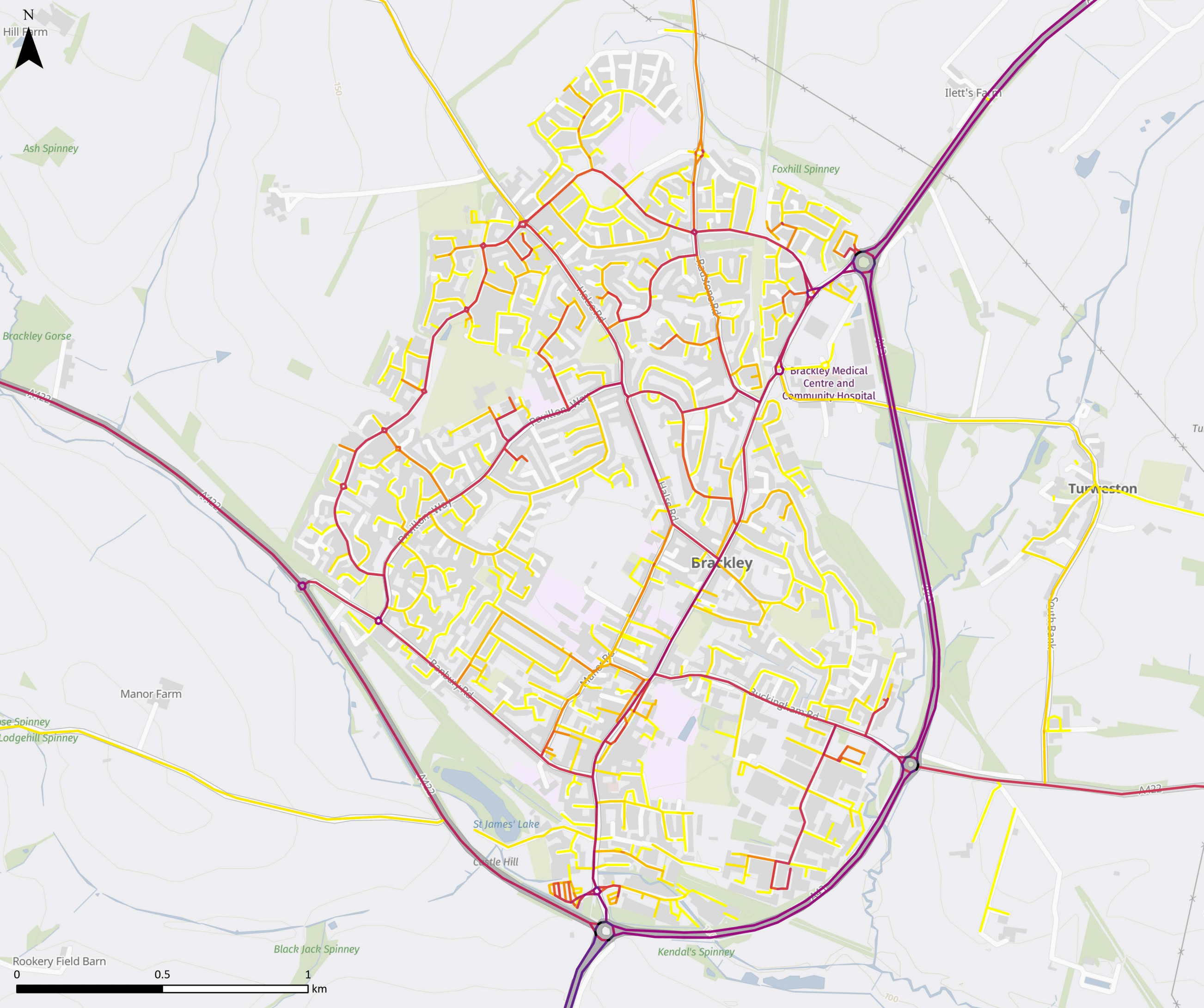


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PROJECT
Brackley LCWIP

TITLE
Town-Based Through Traffic Flows (Weekday PM Peak)

FIGURE NUMBER	REVISION		
14	B		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	DB	CS	05/01/2022



Traffic data supplied by The Flow. The Flow collected the raw traffic data using telematics technology between January and December 2019.

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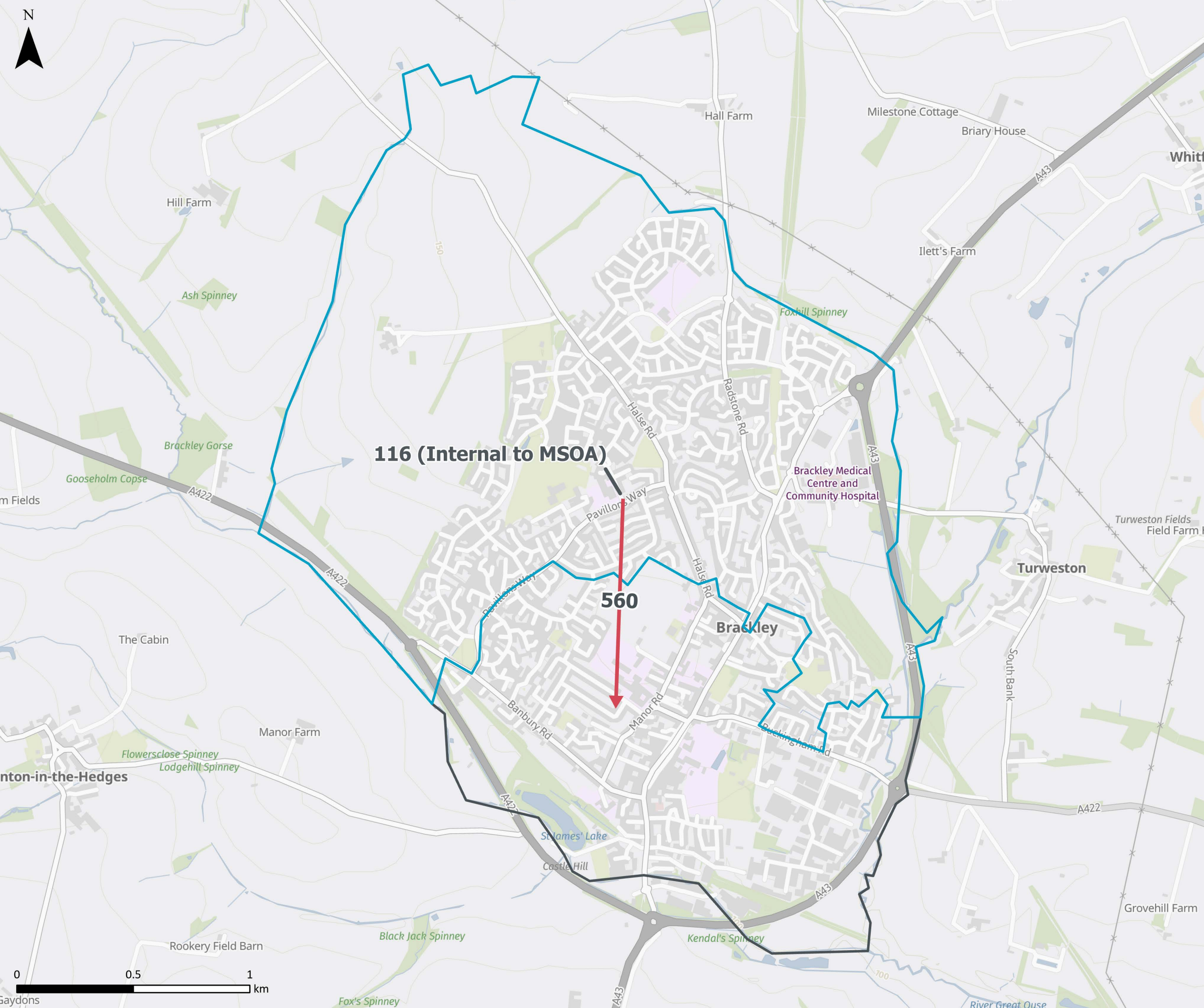


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PROJECT
Brackley LCWIP

TITLE
General Traffic Flows (Estimated Weekday Daily)

FIGURE NUMBER	REVISION		
17	B		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:12,000	DB	CS	06/01/2022



- ▭ South Northamptonshire 009 (Origin MSOA)
- ▭ South Northamptonshire 010 (Destination MSOA)
- ➔ Journeys to Work by Car (Origin: South Northamptonshire 009)

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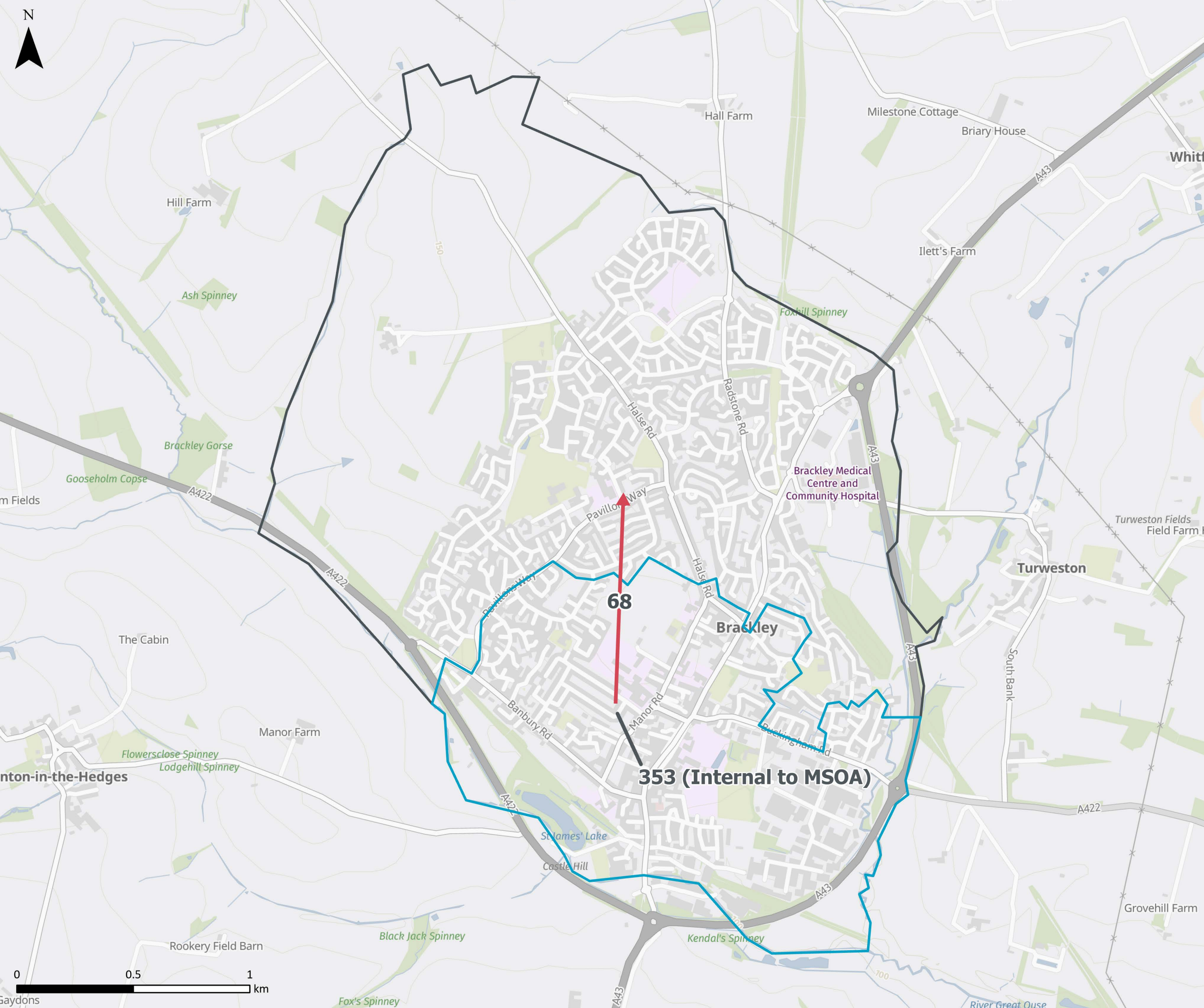


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PROJECT
Brackley LCWIP

TITLE
Journeys to Work by Car in Brackley (South Northamptonshire 009)

FIGURE NUMBER	REVISION		
19	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	DB	CS	05/01/2022



- South Northamptonshire 009 (Destination MSOA)
- South Northamptonshire 010 (Origin MSOA)
- ➔ Journeys to Work by Car (Origin: South Northamptonshire 010)

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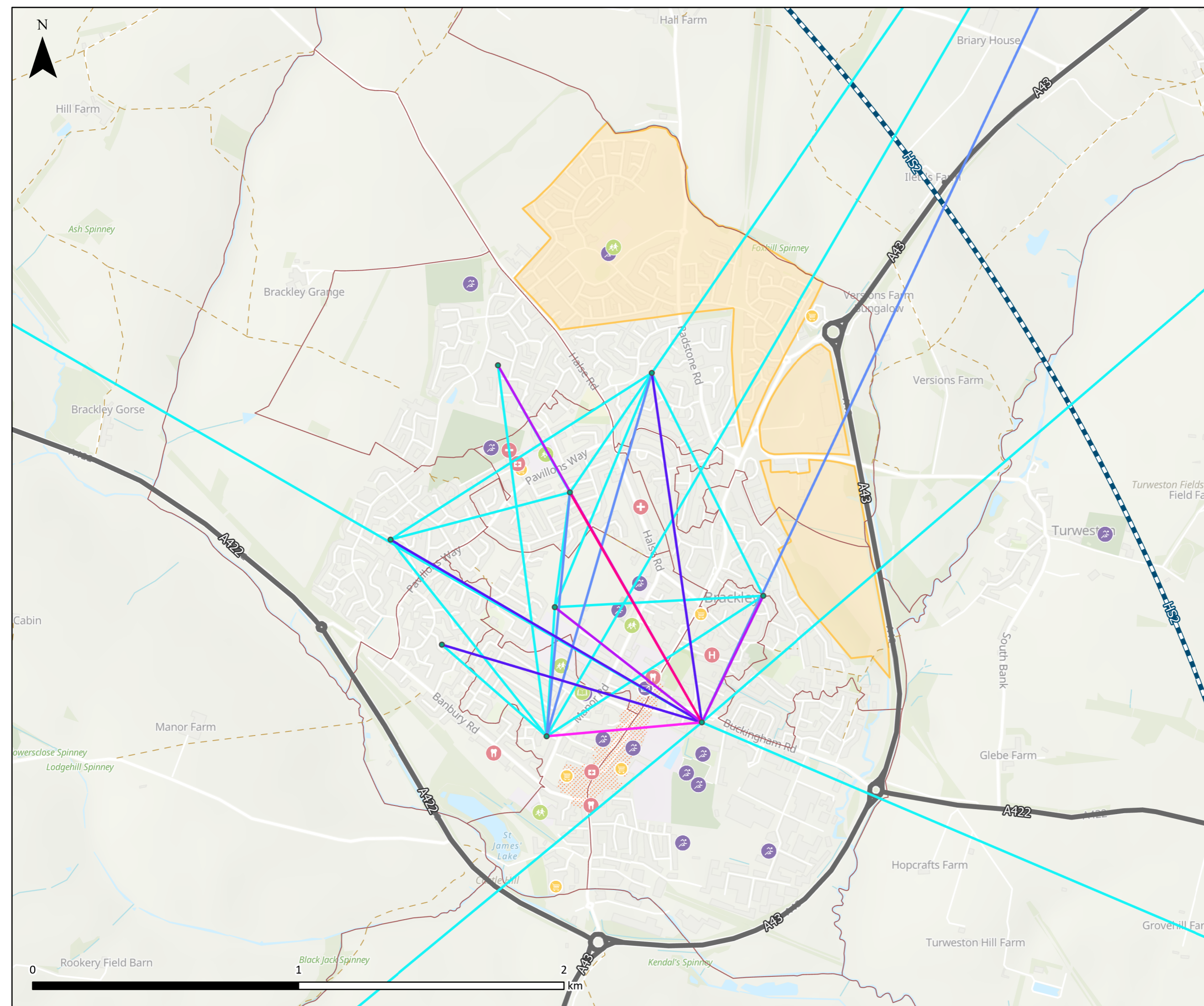


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PROJECT
Brackley LCWIP

TITLE
Journeys to Work by Car in Brackley (South Northamptonshire 010)

FIGURE NUMBER	REVISION		
20	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	DB	CS	05/01/2022



- HS2 Route
- LSOA Population Weighted Centroids
- LSOA Boundaries
- A Road
- Public Right of Way
- Propensity to Cycle - Commuting**
- E-bike Scenario (Top 30 Straight Lines)**
- No. of cyclists**
- ≤20
- ≤30
- ≤40
- ≤50
- ≤60
- >60
- Healthcare Facilities**
- General Practice
- Hospital
- Pharmacy
- Dentist
- Schools**
- Primary
- Secondary
- Other/ Independent
- Amenities**
- Supermarket/ Retail point
- Post Office
- Sport Facilities
- Town Centre Boundary
- Housing Site Allocations
- Employment Site Allocations

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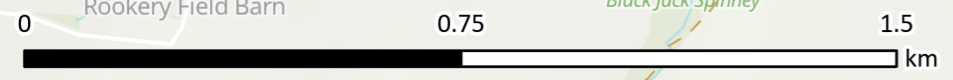
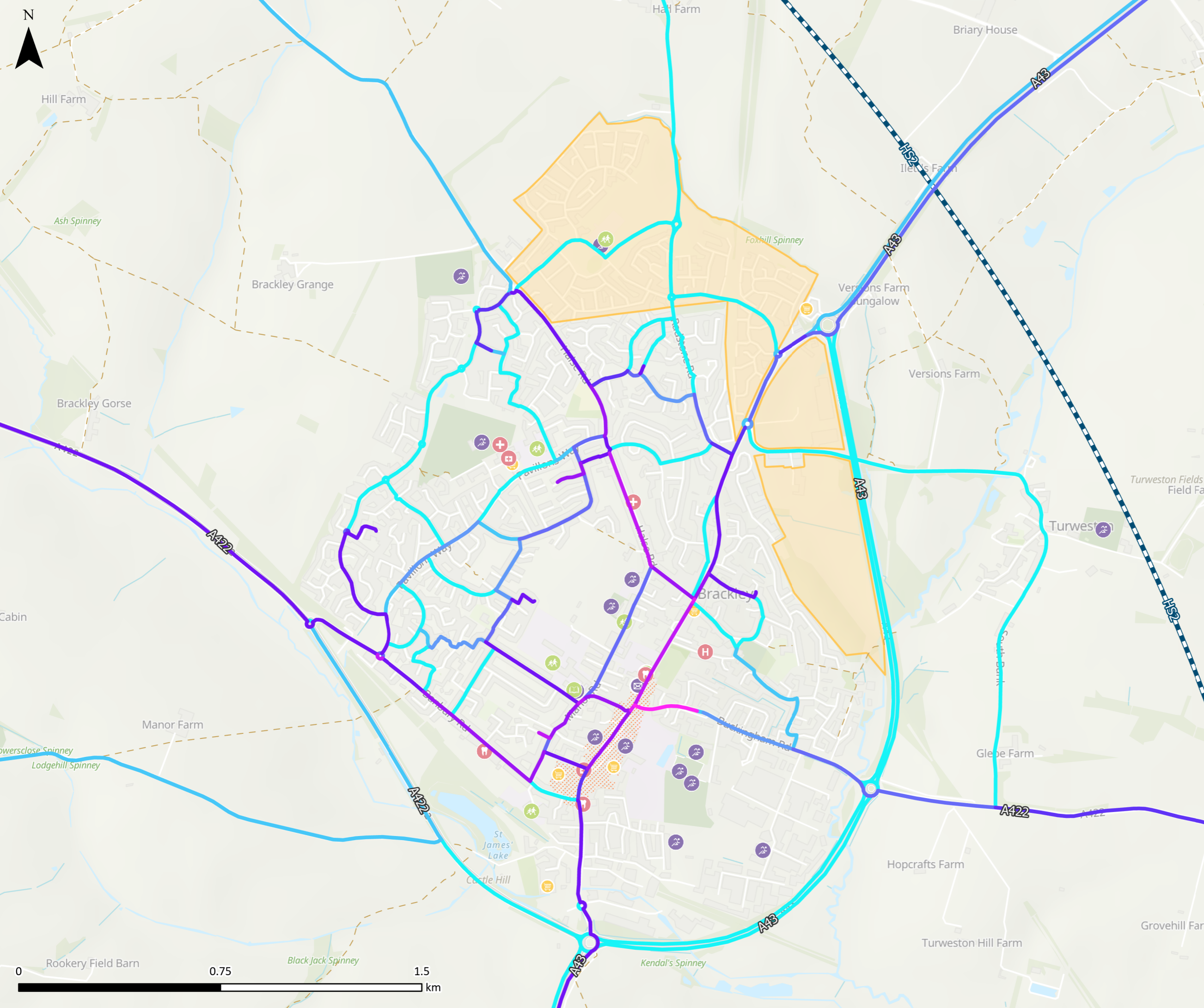
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PROJECT
HS2 Technical Support (Brackley LCWIP)

TITLE
**PROPENSITY TO CYCLE (COMMUTING)
 E-BIKE SCENARIO (TOP 30 STRAIGHT LINES) - BRACKLEY**

SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:13,000	JY	BC/CS	26/04/2021
FIGURE NUMBER	REVISION		
6	B		





- HS2 Route
- Public Right of Way
- Propensity to Cycle - Commuting**
- E-bike Scenario (Applied Network)**
- No. of cyclists**
- ≤20
- ≤40
- ≤60
- ≤80
- ≤100
- ≤150
- ≤200
- ≤300
- ≤500
- >500
- Healthcare Facilities**
- General Practice
- Hospital
- Pharmacy
- Dentist
- Schools**
- Primary
- Secondary
- Other/ Independent
- Amenities**
- Supermarket/ Retail point
- Post Office
- Sport Facilities
- Town Centre Boundary
- Housing Site Allocations
- Employment Site Allocations

Derived using data from Propensity to Cycle Tool (<http://pct.bike>)
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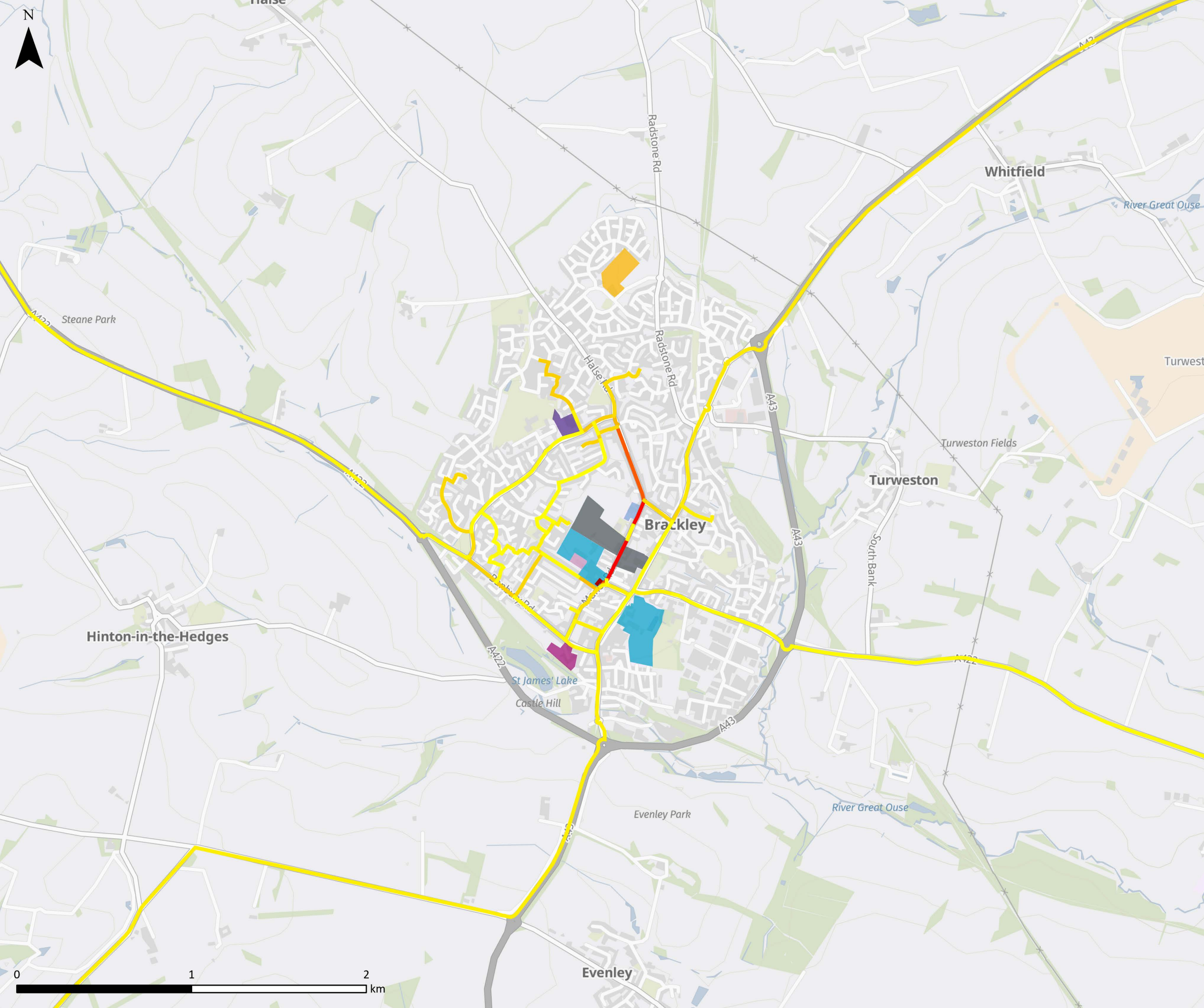
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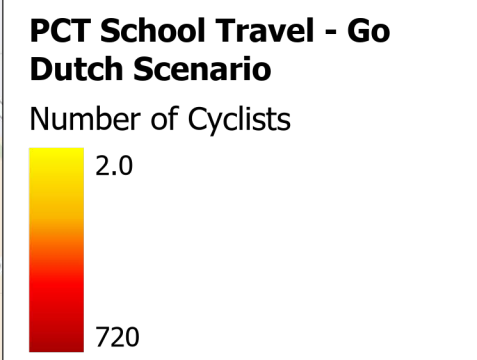
PROJECT
HS2 Technical Support (Brackley LCWIP)

TITLE
**PROPENSITY TO CYCLE (COMMUTING)
 E-BIKE SCENARIO (APPLIED NETWORK) - BRACKLEY**

SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:13,000	JY	BC/CS	26/04/2021
FIGURE NUMBER	REVISION		
5	B		



- School**
- Bracken Leas Primary School
 - Brackley Church of England Junior School
 - Magdalen College School - Waynflete Site
 - Southfield Primary School
 - The Radstone Primary School
 - Waynflete Infants School
 - Winchester House School



Derived using data from Propensity to Cycle Tool (pct.bike)
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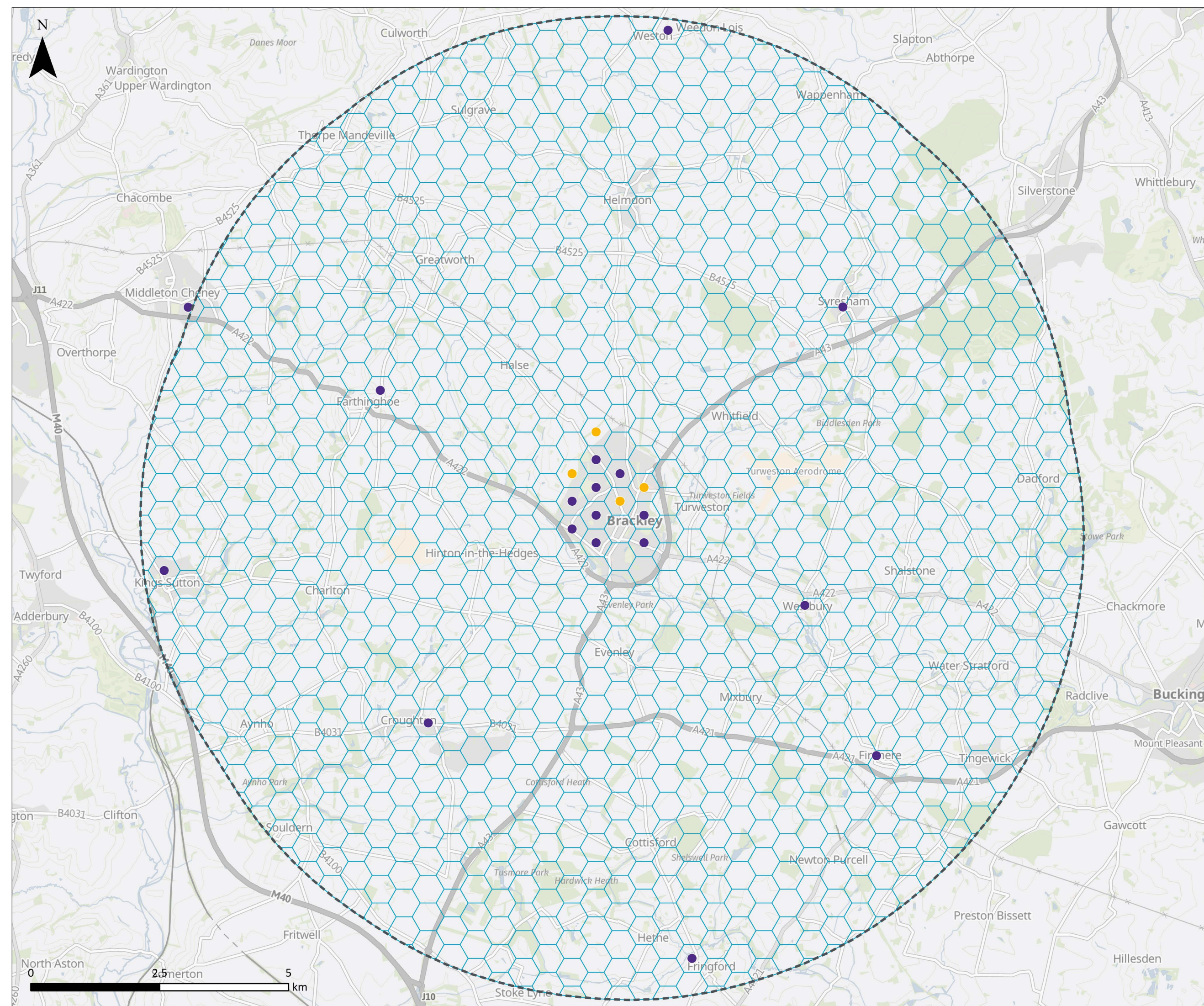






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PROJECT
Brackley LCWIP

TITLE
**Propensity to Cycle (Schools)
 "Go Dutch" Scenario (Applied Network)**

FIGURE NUMBER	REVISION		
03	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:20,000	DB	CS	17/12/2021



-  Study Area
-  Hexagon Grid (0.25 km²)
- Origin Cluster**
-  Contains Future Housing Development
-  Contains LSOA Centroid (Population Weighted)

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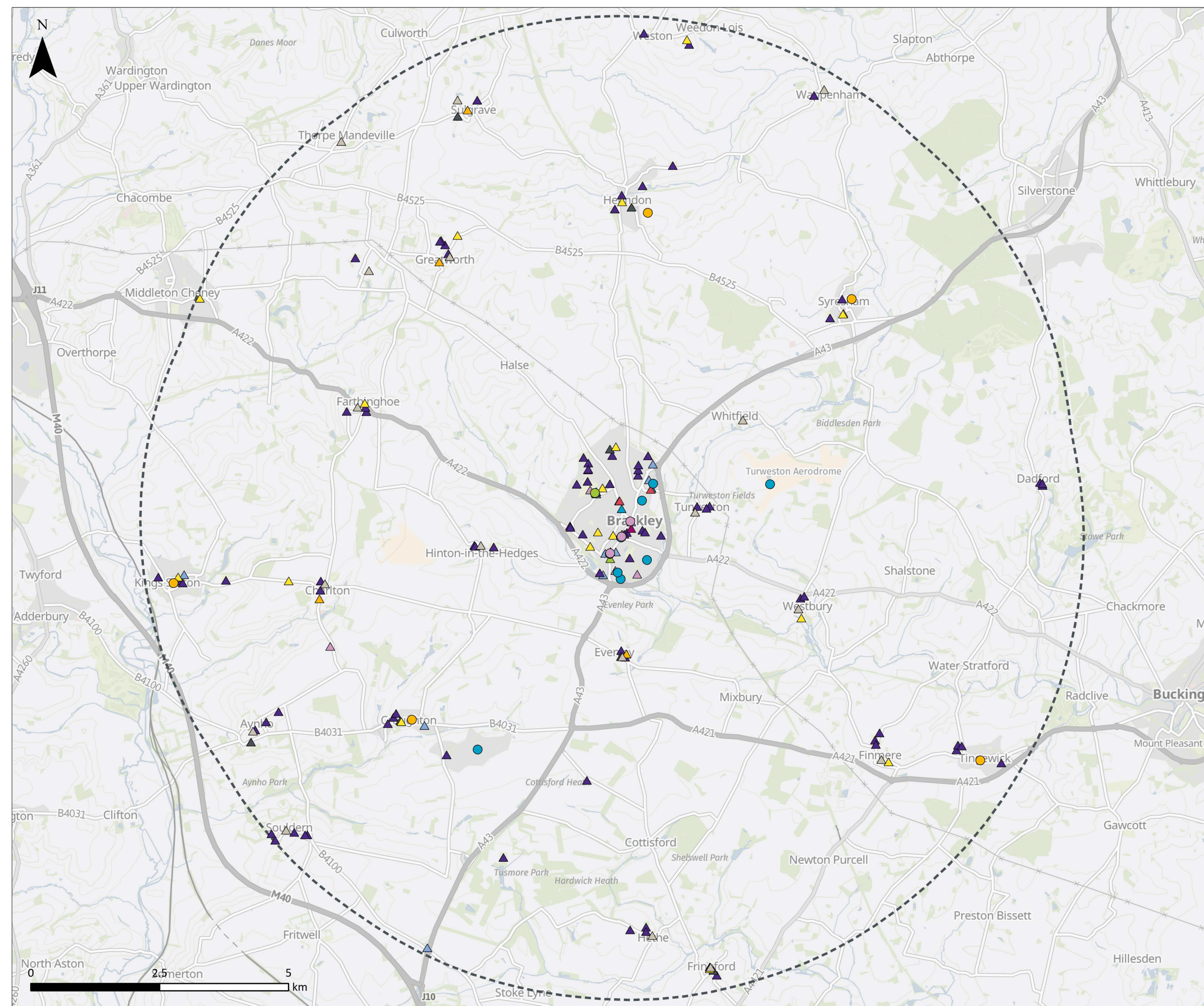


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PROJECT
Brackley LCWIP

TITLE
Origin Clusters

FIGURE NUMBER	REVISION		
27	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:67,000	DB	CS	19/01/2022



- Study Area
- Class 1 Destination**
- Key Employment Site
- Local Centre
- Town Centre
- Village
- Class 2 Destination**
- Community Centre
- Dentist
- GP Practice
- Greenspace
- Hospital
- Indoor Sports
- Pharmacy
- Post Office
- School
- Supermarket
- Village

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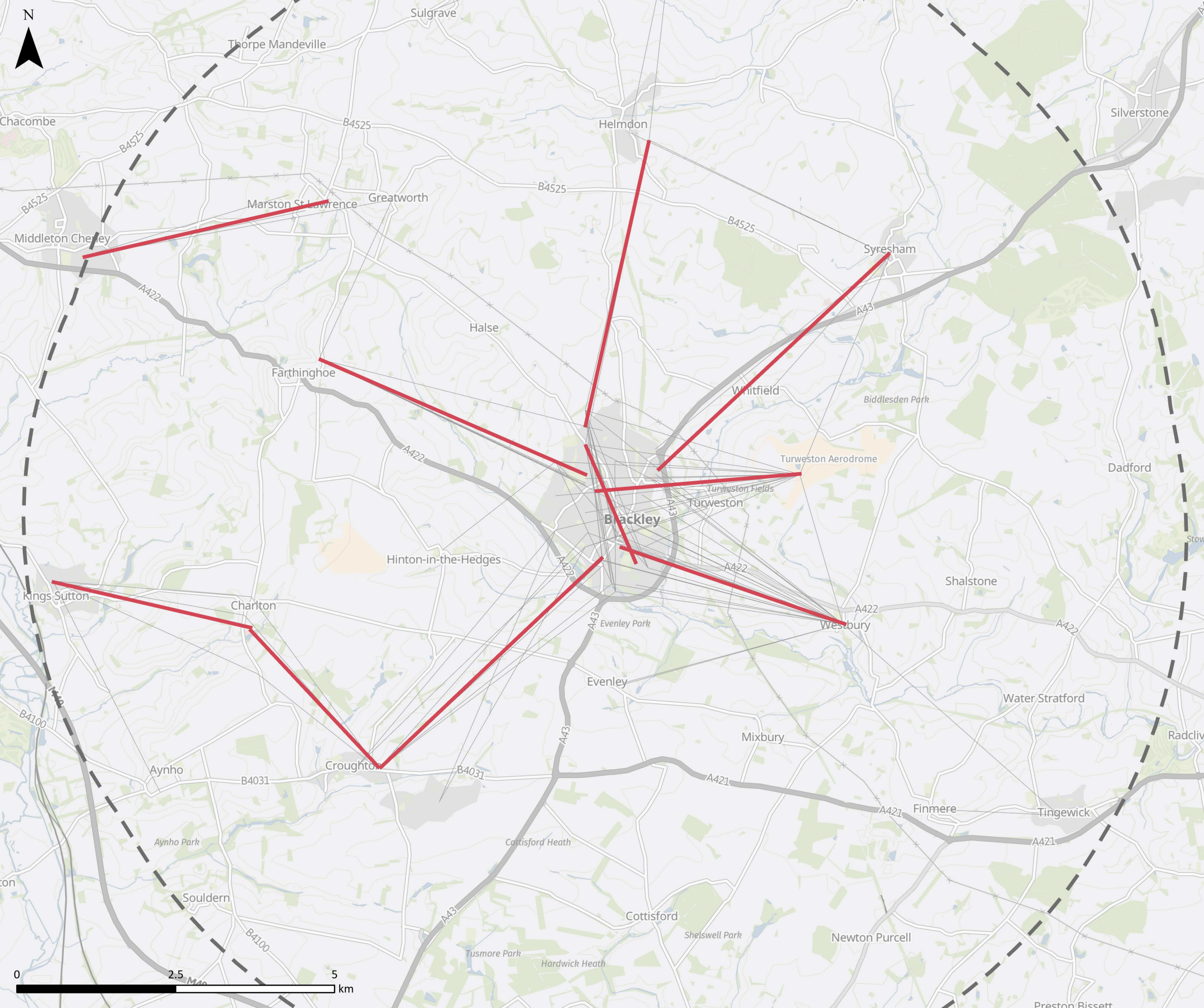


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PROJECT
Brackley LCWIP

TITLE
Classed Destinations

FIGURE NUMBER	REVISION		
28	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:67,000	DB	CS	19/01/2022



- Study Area
- 'Everyday' Cycling Desire Lines
- Top 10 Clustered 'Everyday' Cycling Desire Lines (2-5km)

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PROJECT
Brackley LCWIP

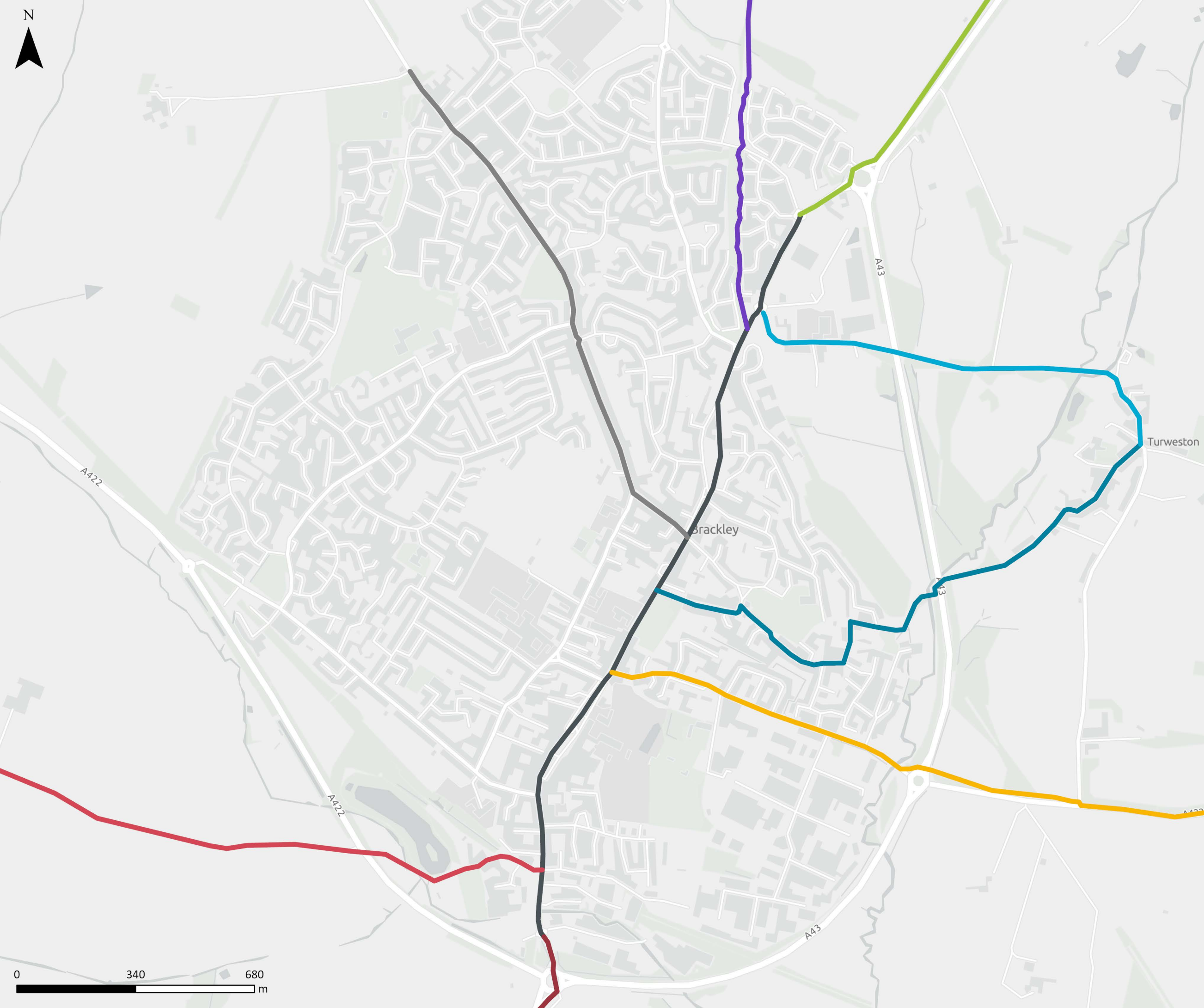
TITLE
Top 10 Clustered 'Everyday' Cycling Desire Lines (2 - 5km)

FIGURE NUMBER	REVISION		
06	B		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:55,000	DB	CS	05/01/2022

N



- Inter-urban routes**
- 1A - Brackley - Syresham
 - 1B - Whitfield spur
 - 1C - Crowfield spur
 - 1D - Syresham - Silverstone
 - 1E - Syresham - Silverstone via Racing Club
 - 2A - Brackley - Turweston via Turweston Rd
 - 2B - Brackley - Turweston via A43 underpass
 - 3A - Brackley - Croughton via Hinton-in-the-Hedges
 - 3B - A43 and Charlton Road
 - 3C - Broad Lane
 - 4 - Westbury via A422
 - 5 - Helmdon via disused railway line
- Cycle routes within Brackley**
- Halse Rd
 - High St



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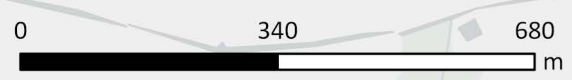
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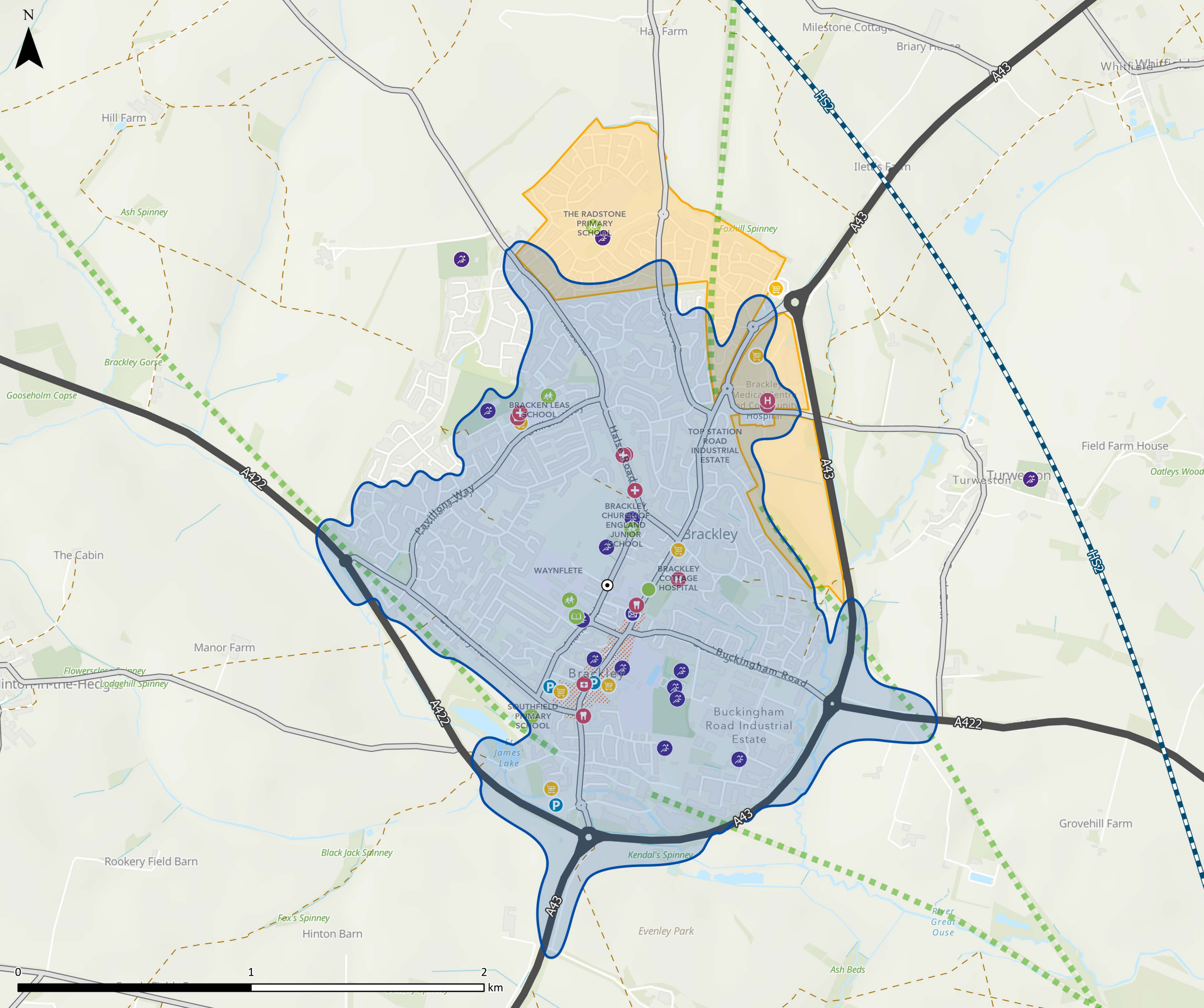
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PROJECT
Brackley LCWIP

TITLE
**Inner-urban routes -
 Brackley**

FIGURE NUMBER	REVISION		
//	B		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:10,000	ML	CSw	12/04/2022





- HS2 Route
- Brackley Town Centre
- 20-min Walking Catchment from Town Centre
- Road Hierarchy**
 - A Road
 - Minor Road
 - Public Right of Way
 - Historic Railway Alignment (currently undeveloped)
- Healthcare Facilities**
 - General Practice
 - Hospital
 - Pharmacy
 - Dentist
- Amenities**
 - Supermarket/ Retail point
 - Post Office
 - Sport Facilities
 - Car Parks
- Local Plan Designations**
 - Town Centre Boundary
 - Employment Site Allocations
 - Housing Site Allocations
- Schools**
 - Not applicable
 - Primary
 - Secondary

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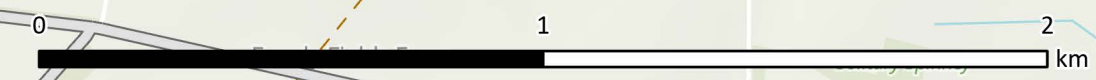
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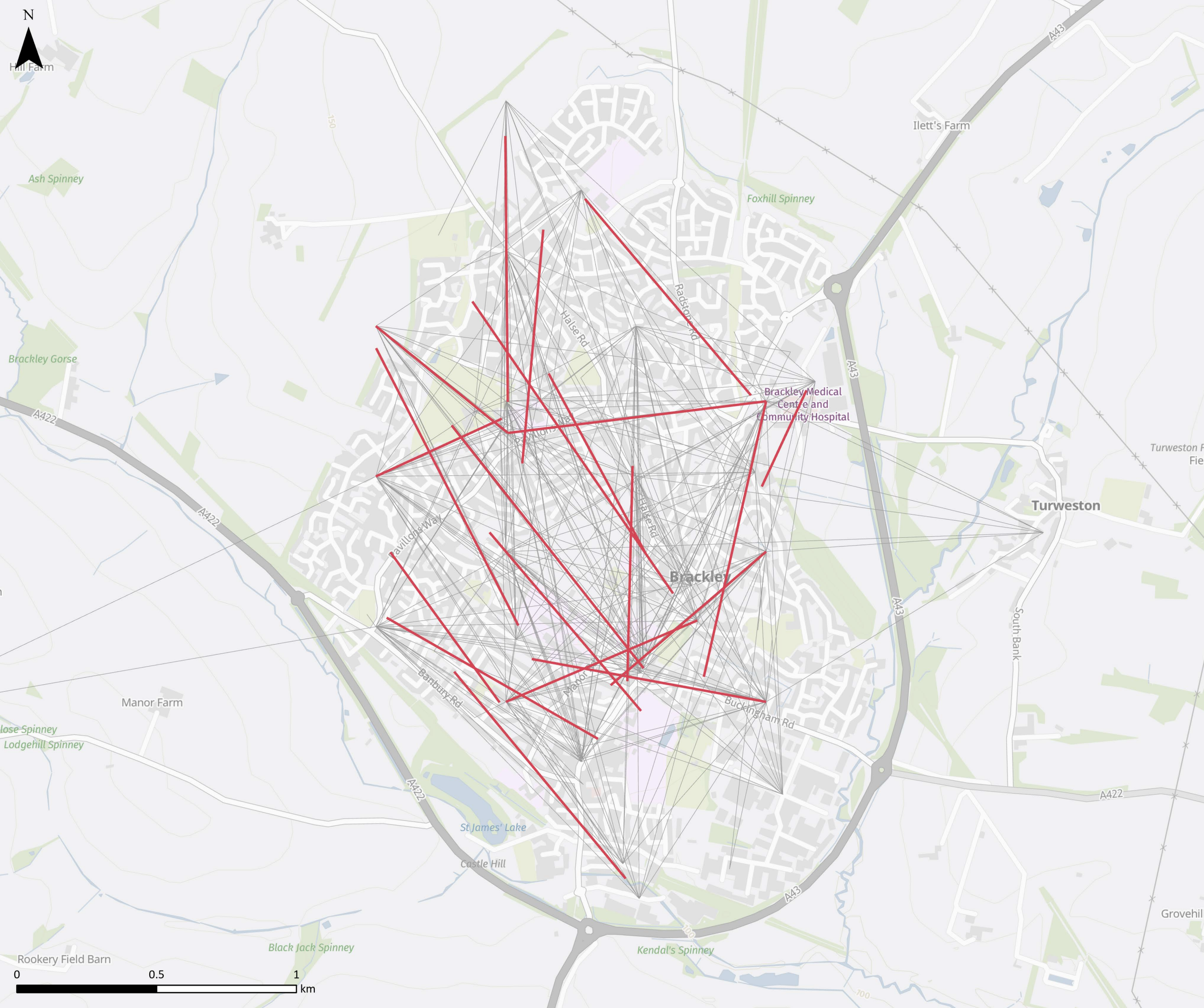
HS2 Technical Support (Brackley LCWIP)

TITLE

20-MIN WALKING CATCHMENT FROM BRACKLEY TOWN CENTRE

SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	JY	BC	19/01/2022
FIGURE NUMBER	REVISION		
26	C		





— 'Everyday' Walking Desire Lines
 — Top 20 Clustered Everyday Walking Desire Lines



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PROJECT

Brackley LCWIP

TITLE

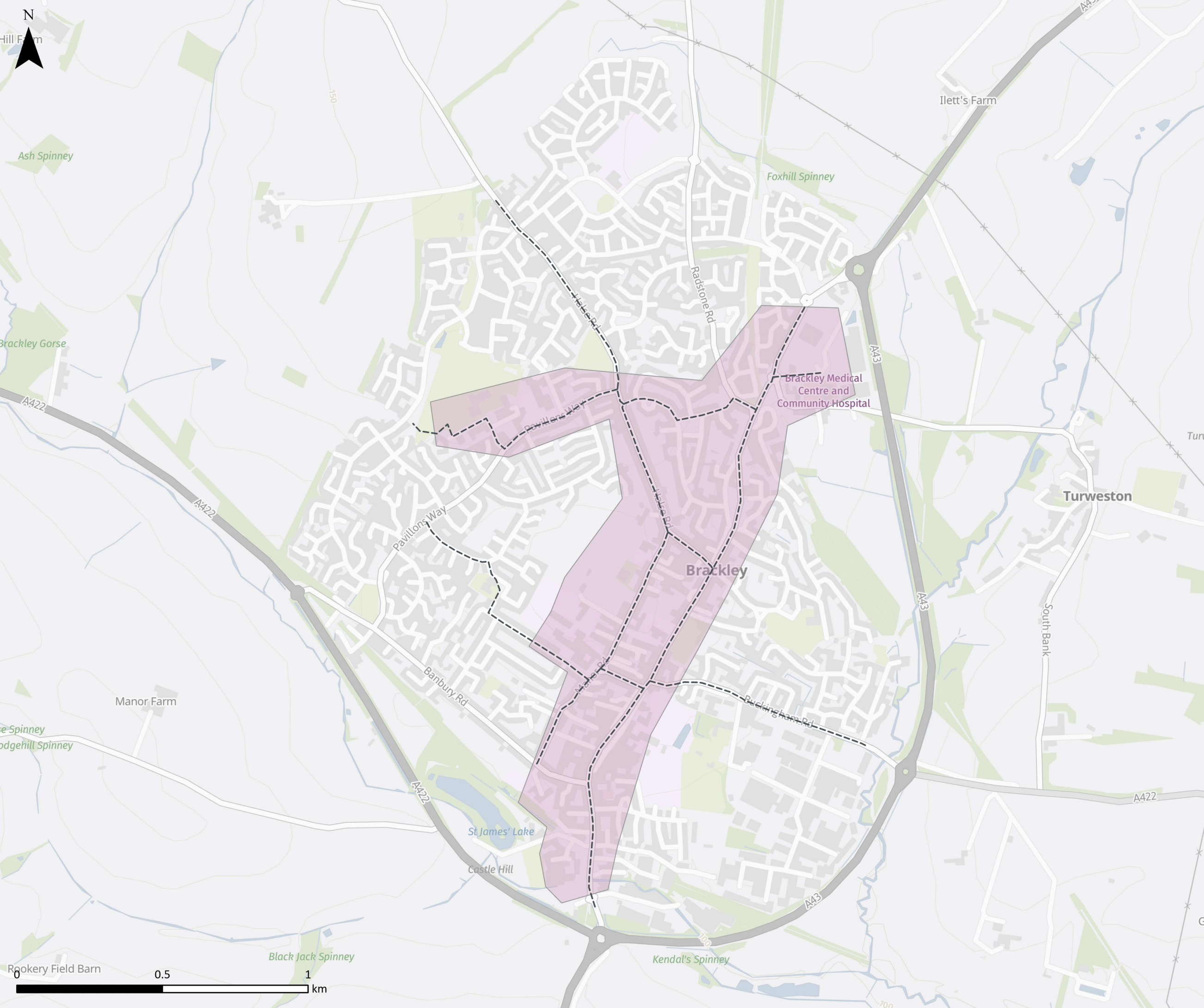
Top 20 Clustered 'Everyday' Walking Desire Lines (0 - 2km)

FIGURE NUMBER REVISION

05 B

SCALE DRAWN REVIEWED DATE

A3 @ 1:12,500 DB CS 21/12/2021



- Core Walking Zone
- Key Walking and Cycling Route

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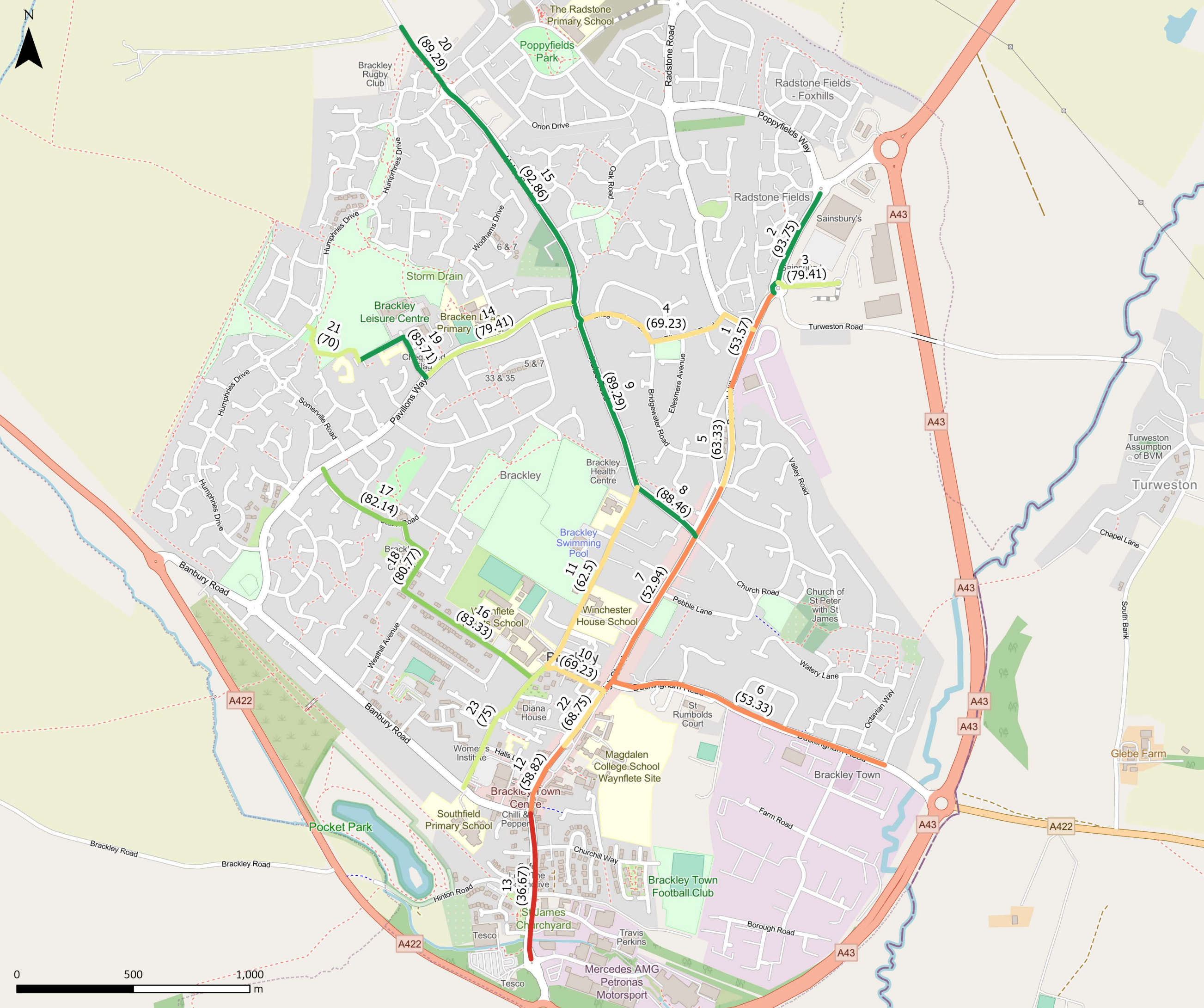


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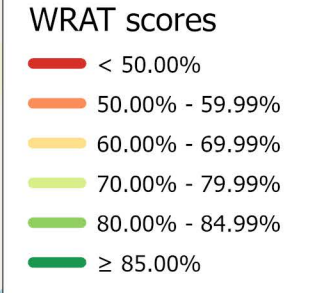
Brackley LCWIP

Core Walking Zone, Key Walking and Cycling Routes

FIGURE NUMBER	REVISION		
30	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:12,000	DB	CS	20/01/2022



Key Walking routes



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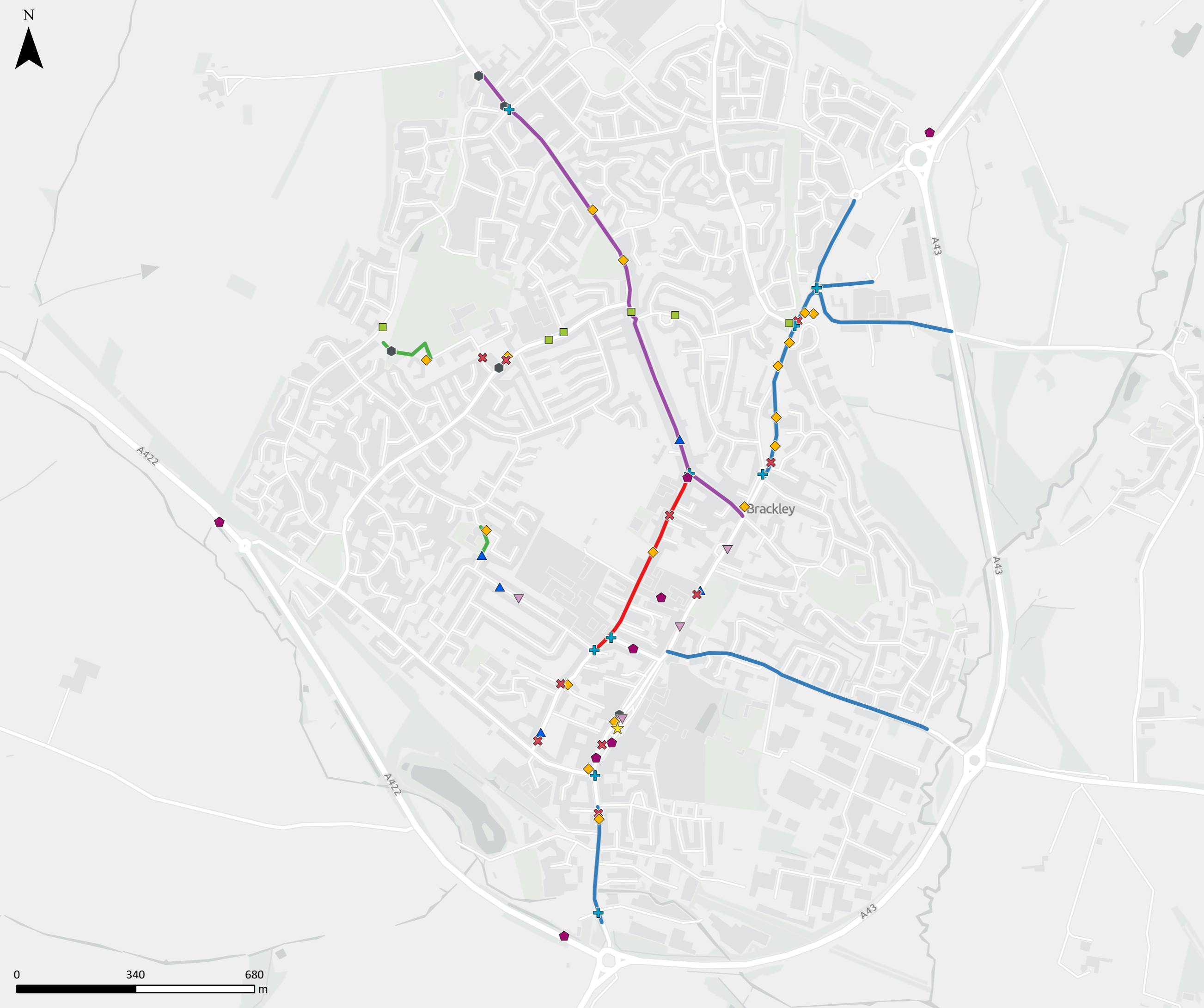
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PROJECT
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TITLE
**Key Walking Routes - WRAT
 assessment**

FIGURE NUMBER	REVISION		
//	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:15,000	ML	CSw	03/03/2022



- Types of recommendations**
- ◆ New/ Improved footway provision
 - + Junction upgrade/ redesign
 - Maintenance
 - × New/ Improved Crossings
 - ★ Placemaking
 - ▲ Parking formalisation
 - ▼ Parking restriction/ rationalisation
 - Traffic calming
 - ◆ Traffic management
- Cycling infrastrucutre type**
- Contra-flow cycle track
 - Shared footway/ cycleway
 - Shared path
 - Signposted Quiet route mixed with traffic

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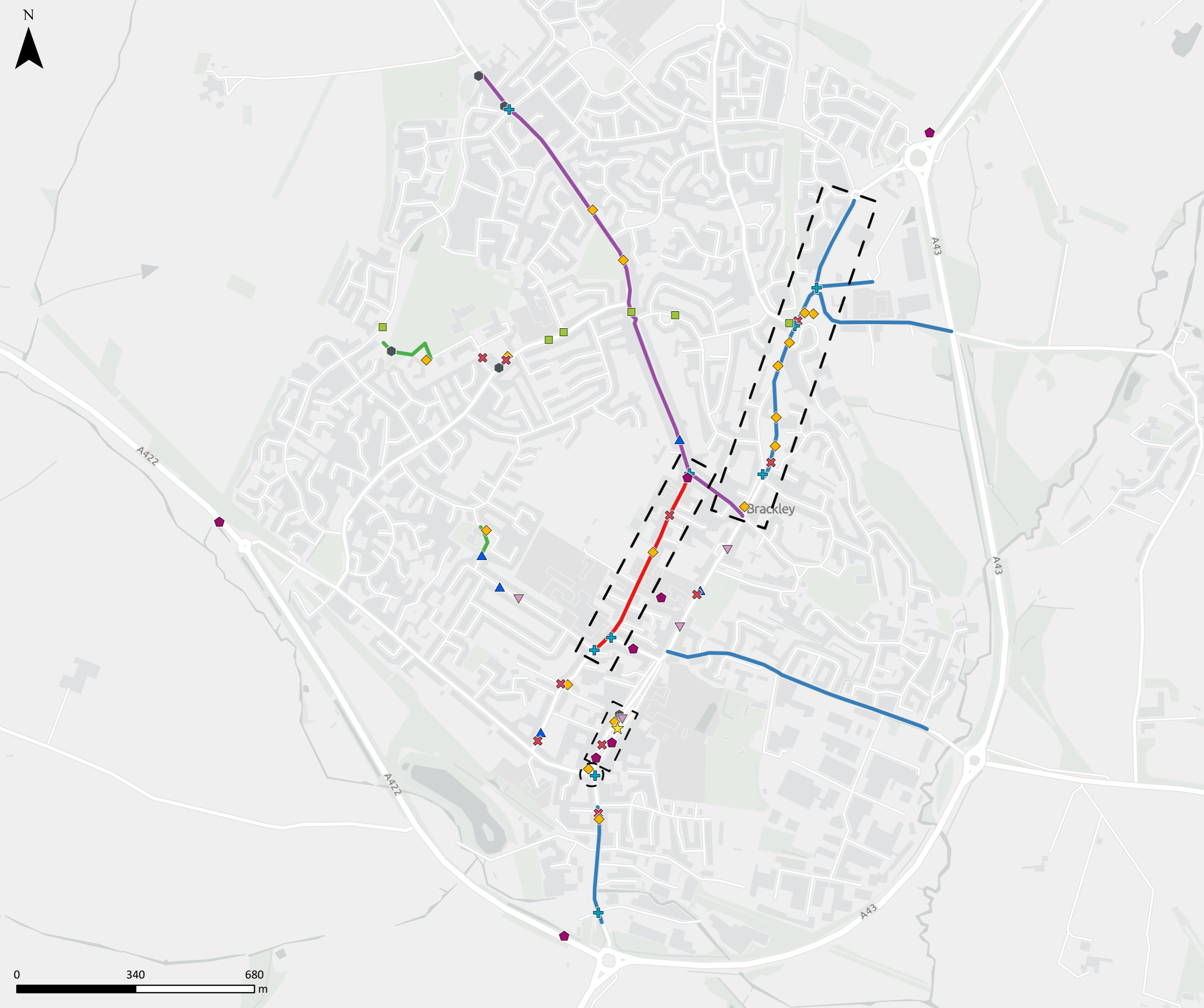
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PROJECT
Brackley LCWIP

TITLE
Design recommendations - Brackley

FIGURE NUMBER	REVISION		
//	B		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:10,000	ML	CSw	25/03/2022



- Types of recommendations**
- ◆ New/ Improved footway provision
 - + Junction upgrade/ redesign
 - Maintenance
 - × New/ Improved Crossings
 - ★ Placemaking
 - ▲ Parking formalisation
 - ▼ Parking restriction/ rationalisation
 - Traffic calming
 - ◆ Traffic management
- Cycling infrastrucutre type**
- Contra-flow cycle track
 - Shared footway/ cycleway
 - Shared path
 - Signposted Quiet route mixed with traffic

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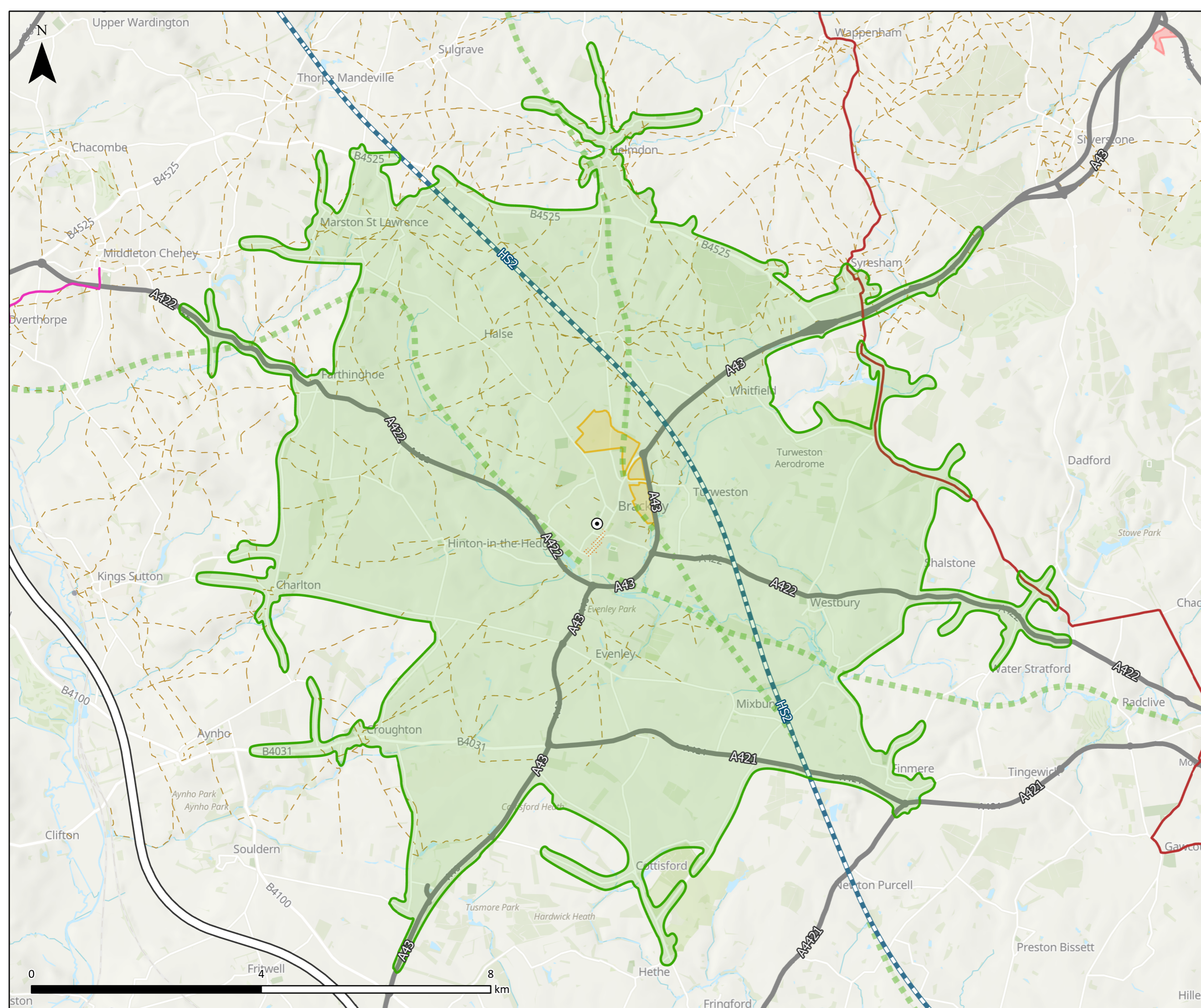
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PROJECT
Brackley LCWIP

TITLE
Design recommendation clusters - Brackley

FIGURE NUMBER	REVISION		
//	B		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:10,000	ML	CSw	25/03/2022



- HS2 Route
- Brackley Town Centre
- 30-min Cycling Catchment from Town Centre
- National Cycle Route
- Regional Cycle Routes
- Historic Railway Alignment (currently undeveloped)

- ### Road Hierarchy
- Motorway
 - A Road
 - Public Right of Way

- ### Local Plan Designations
- Town Centre Boundary
 - Employment Site Allocations
 - Housing Site Allocations

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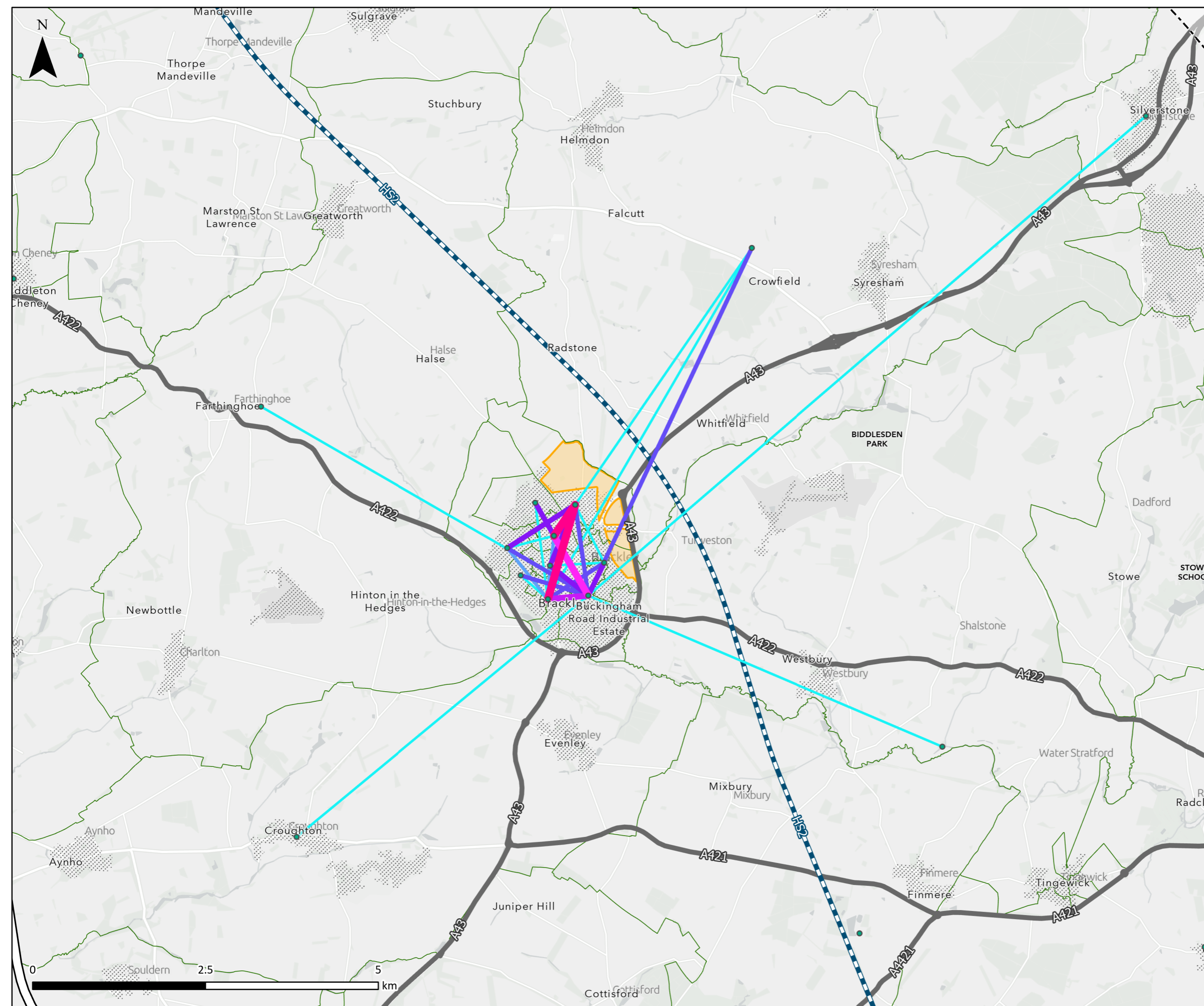
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PROJECT
HS2 Technical Support (Brackley LCWIP)

TITLE
30-MIN CYCLING CATCHMENT FROM BRACKLEY TOWN CENTRE

SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:60,000	JY	BC	26/04/2021
FIGURE NUMBER	REVISION		
8	B		



- HS2 Route
- LSOA Population Weighted Centroids
- LSOA Boundaries
- Built-up Area (2011 Boundary)

Propensity to Cycle - Commuting

E-bike Scenario (Top 30 Straight Lines) Updated with New Development Flows

No. of cyclists

- ≤20
- ≤30
- ≤40
- ≤50
- ≤60
- ≤100
- ≤160

Road Hierarchy

- Motorway
- A Road

Local Plan Designations

- Housing Site Allocations
- Employment Site Allocations

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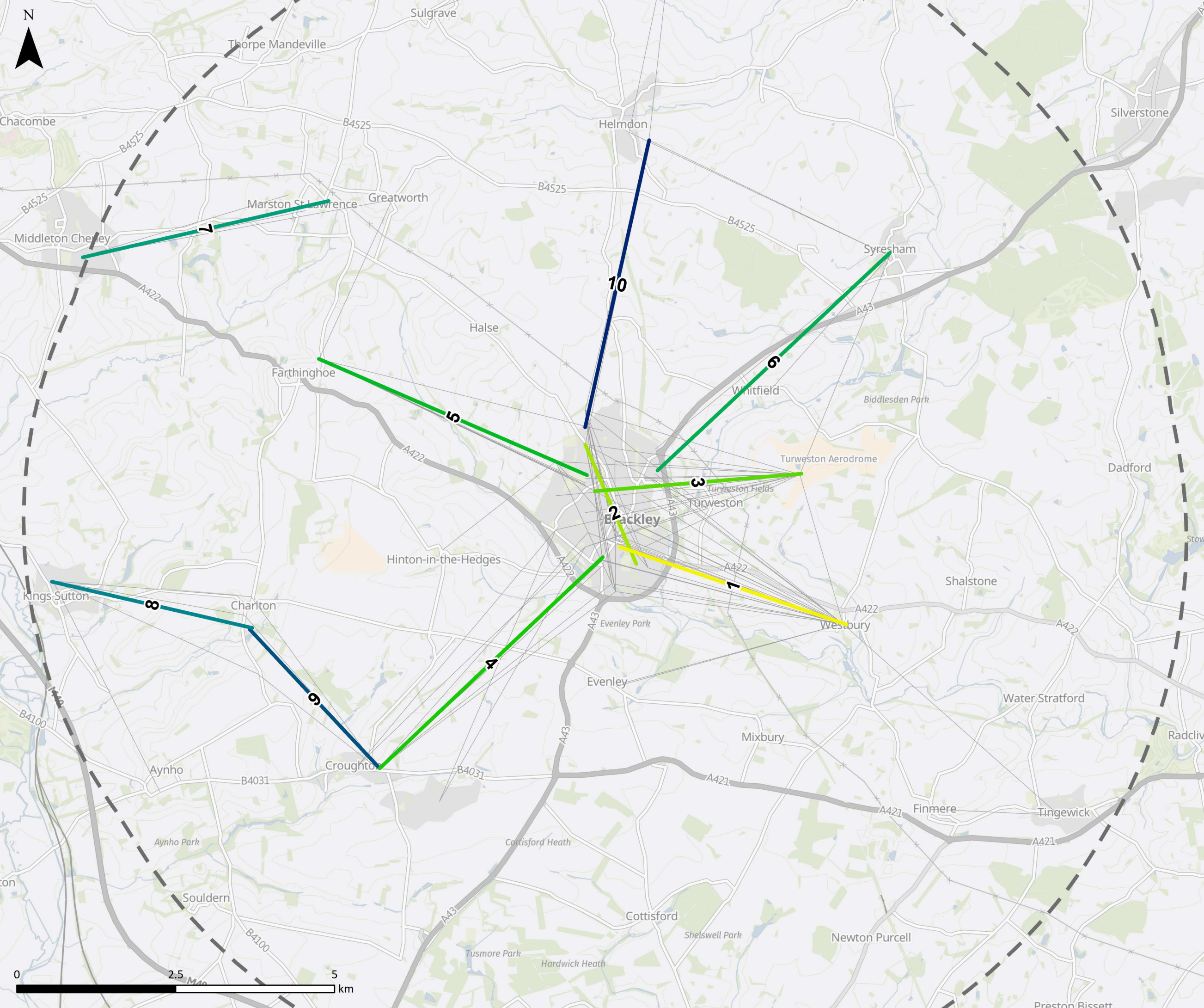
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PROJECT
HS2 Technical Support (Brackley LCWIP)

TITLE
**PROPENSITY TO CYCLE (COMMUTING)
 E-BIKE SCENARIO (TOP 30 STRAIGHT LINES) UPDATED WITH NEW DEVELOPMENT FLOWS - WIDER SCOPE**

SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:50,000	JY	BC/CS	26/04/2021
FIGURE NUMBER	REVISION		
16	A		



Study Area

'Everyday' Cycling Desire Lines

Top 10 Clustered 'Everyday' Cycling Desire Lines (2-5km)

Rank (1 = Highest Demand)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

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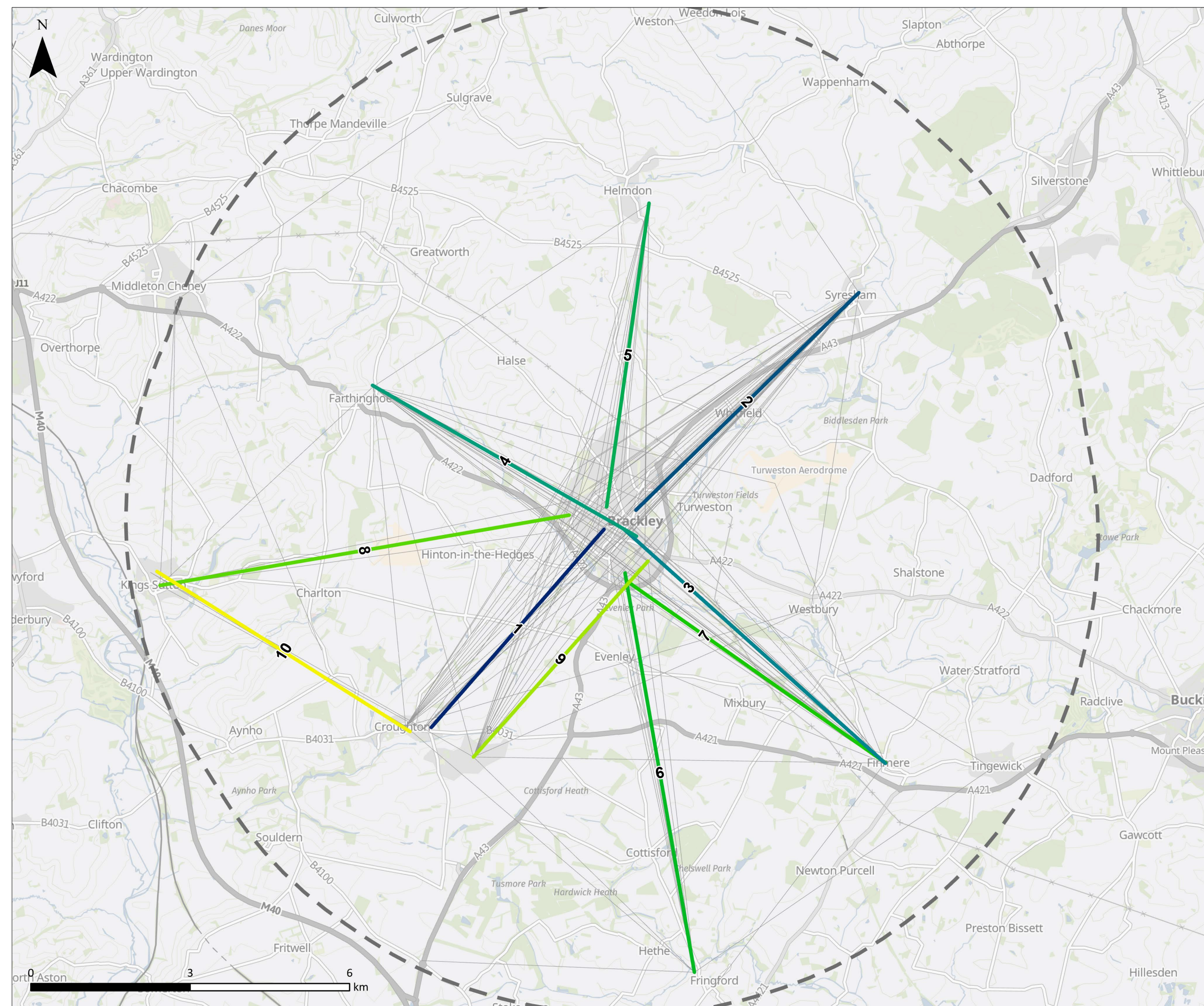


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PROJECT
Brackley LCWIP

TITLE
Top 10 Clustered 'Everyday' Cycling Desire Lines (2 - 5km) Ranked

FIGURE NUMBER	REVISION		
18	A		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:55,000	DB	CS	05/01/2022



Study Area

— 'Everyday' Cycle Desire Lines

Top 10 Clustered 'Everyday' Cycle Desire Lines (5-8km)

Rank (1 = Highest Demand)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

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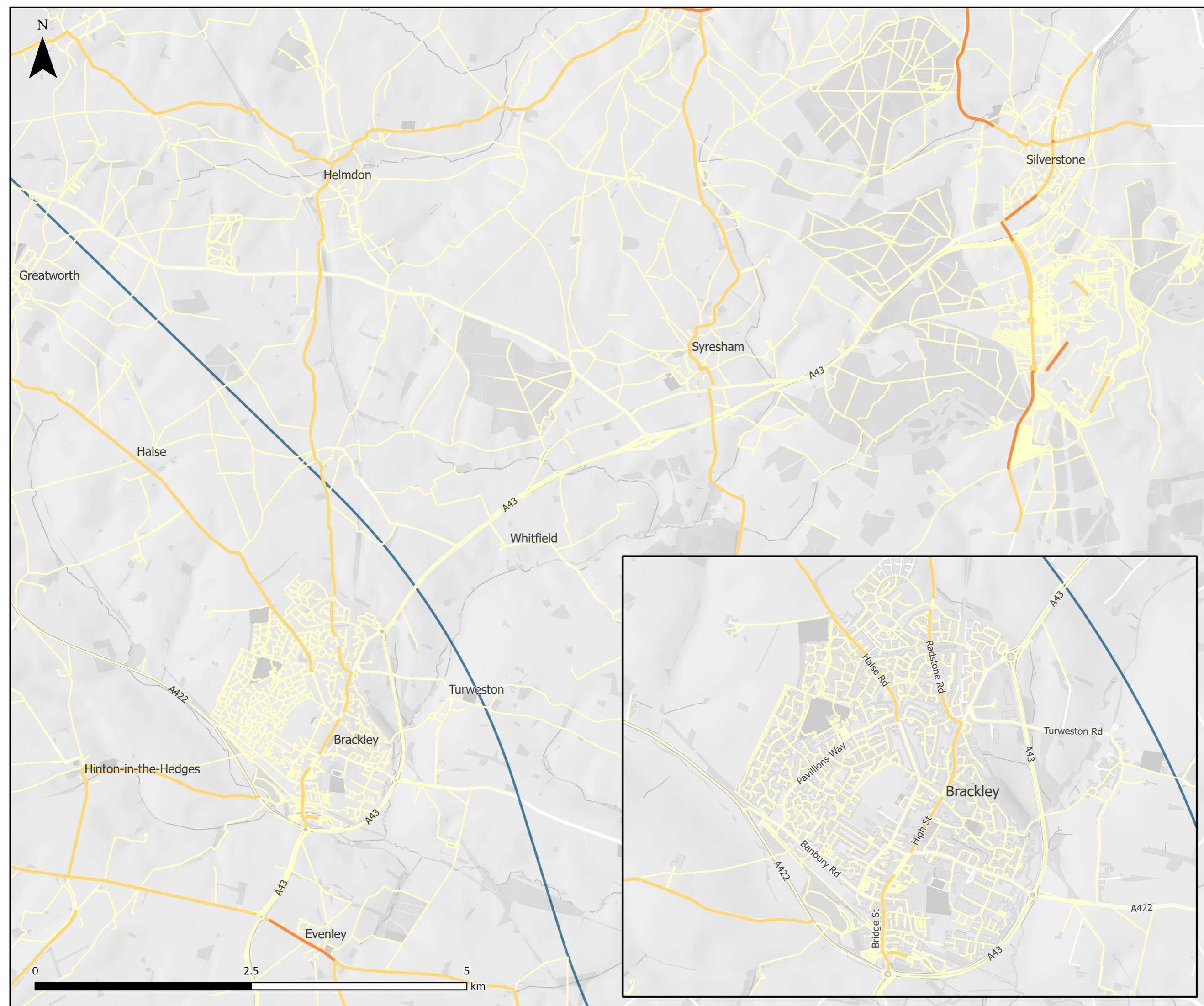


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PROJECT
Brackley LCWIP

TITLE
Top 10 Clustered 'Everyday' Cycling Desire Lines (5 - 8km) - Ranked

FIGURE NUMBER	REVISION		
07	B		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:65,000	DB	CS	05/01/2022



— HS2 Route

Average Strava trips of all types per day
May-July 2019

- 0 - 10
- 11 - 20
- 21 - 30

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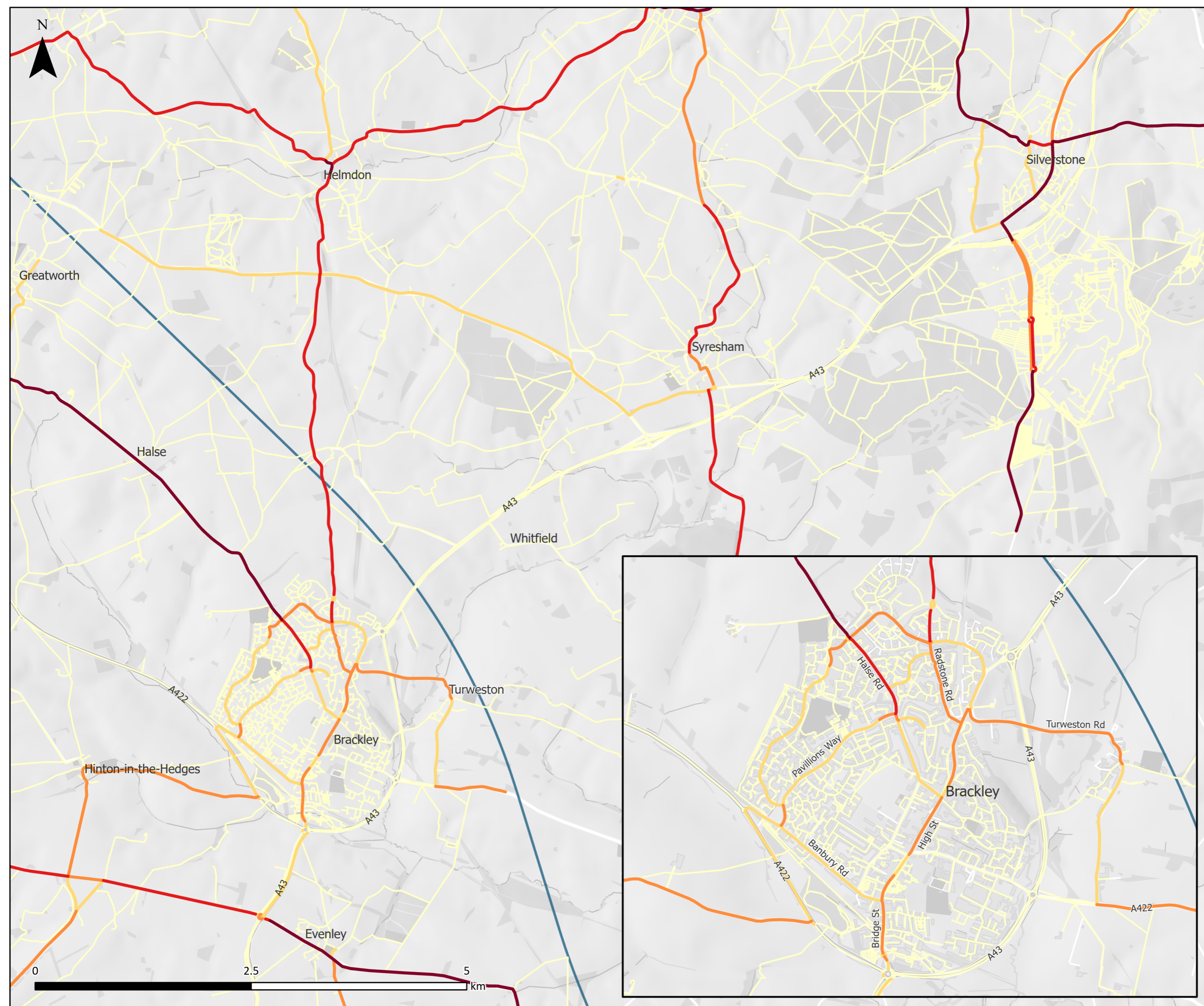
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HS2 Technical Support (Brackley LCWIP)

TITLE
AVERAGE STRAVA CYCLE TRIPS PER DAY (MAY-JULY 2019)

SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:25,000	JY	BC/CS	29/04/2021
FIGURE NUMBER	REVISION		
21	A		



— HS2 Route

Average Strava trips of all types per day
May-July 2020

- 0 - 10
- 11 - 20
- 21 - 30
- 31 - 40
- 41 - 75

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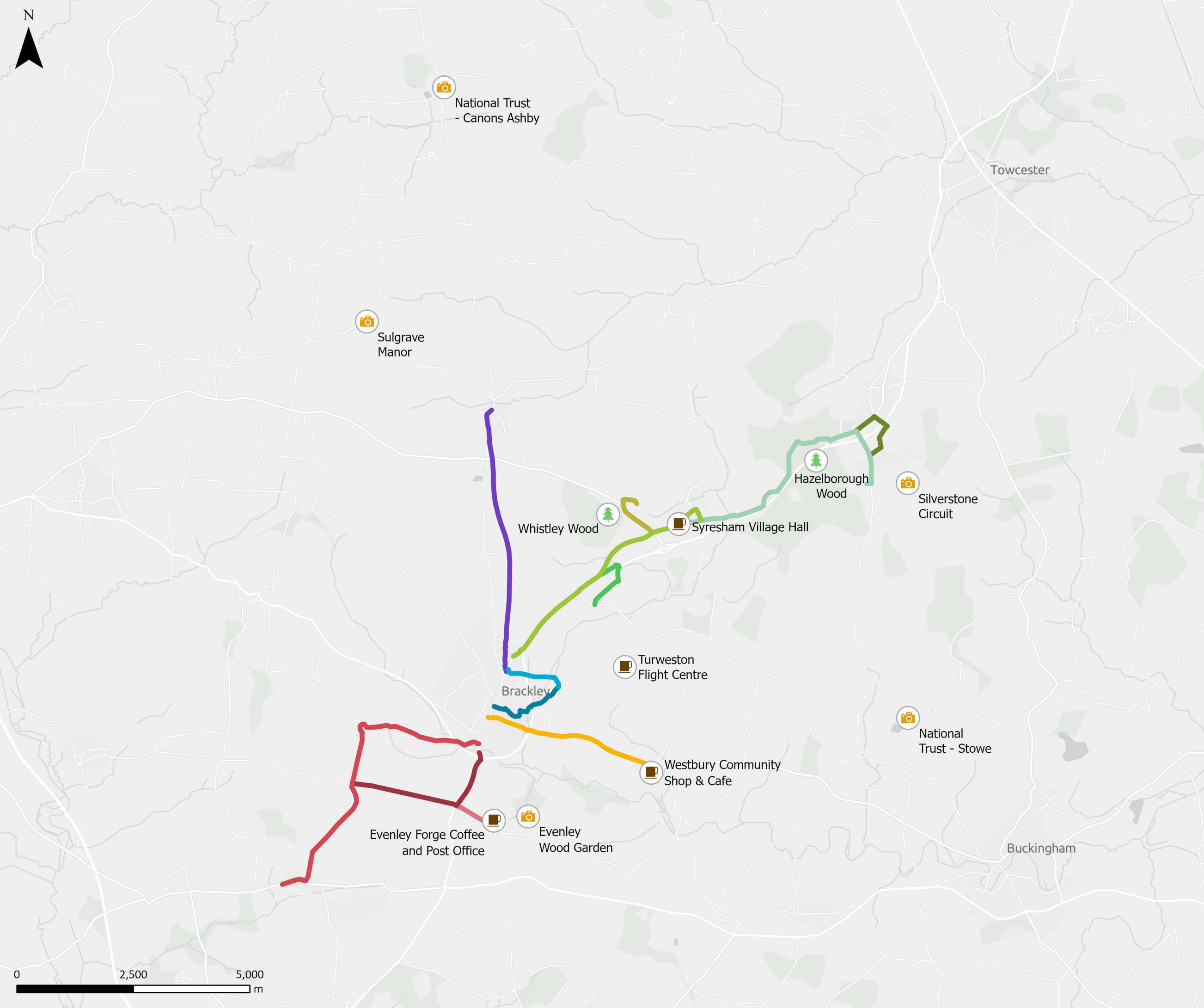
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HS2 Technical Support (Brackley LCWIP)

TITLE
AVERAGE STRAVA CYCLE TRIPS PER DAY (MAY-JULY 2020)

SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:25,000	JY	BC/CS	29/04/2021
FIGURE NUMBER	REVISION		
22	A		



- Leisure Destinations**
- Attractions
 - Cafe
 - Woods
- Inter-urban routes**
- 1A - Brackley - Syresham
 - 1B - Whitfield spur
 - 1C - Crowfield spur
 - 1D - Syresham - Silverstone
 - 1E - Syresham - Silverstone via Racing Club
 - 2A - Brackley - Turweston via Turweston Rd
 - 2B - Brackley - Turweston via A43 underpass
 - 3A - Brackley - Croughton via Hinton-in-the-Hedges
 - 3B - A43 and Charlton Road
 - 3C - Broad Lane
 - 4 - Westbury via A422
 - 5 - Helmdon via disused railway line

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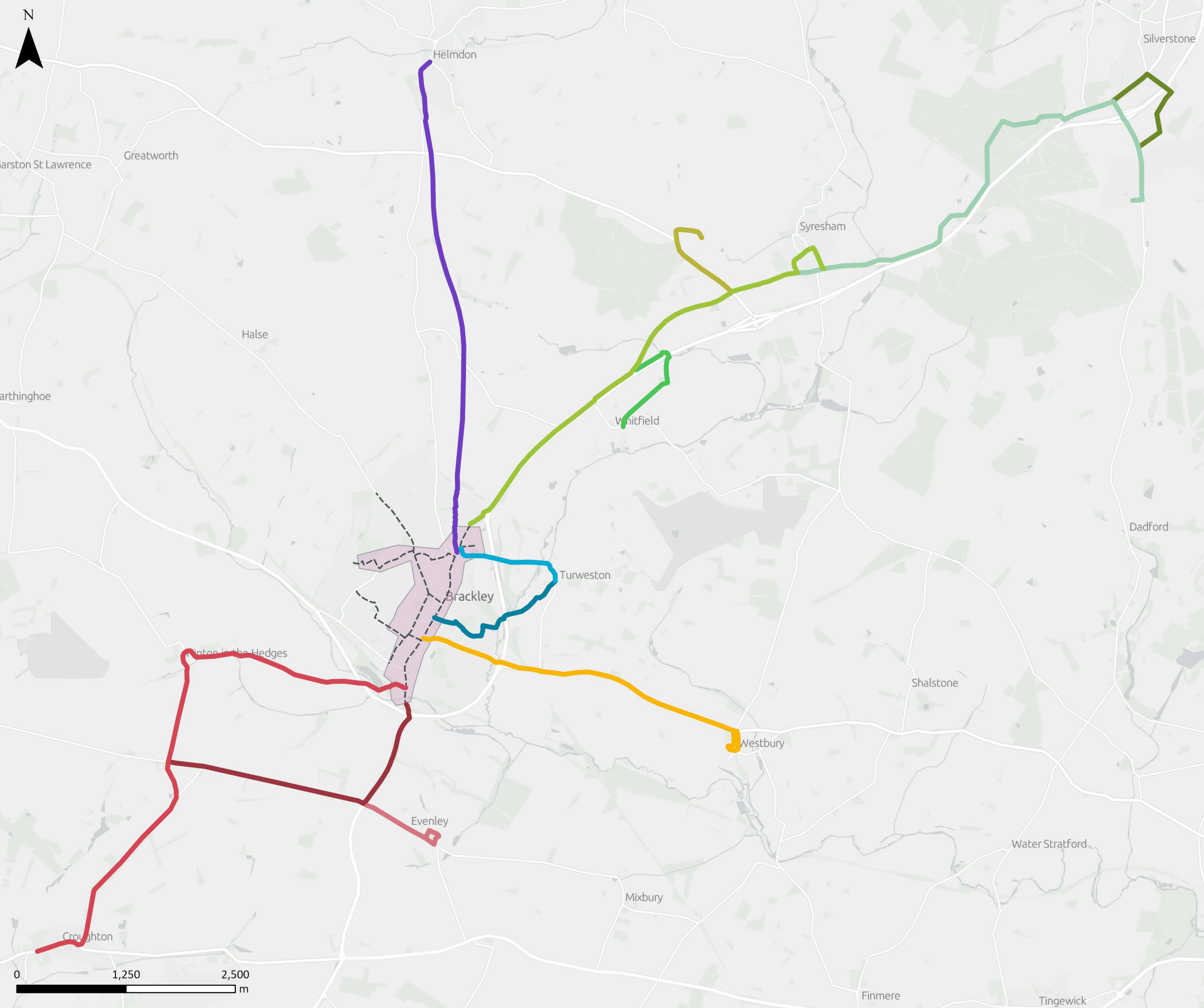
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**WEST NORTHAMPTONSHIRE
 COUNCIL**

PROJECT
Brackley LCWIP

TITLE
**Inter-urban routes & Points
 of Leisure Destinations**

FIGURE NUMBER	REVISION		
//	B		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:75,000	ML	CSw	12/04/2022



- Inter-urban routes**
- 1A - Brackley - Syresham
 - 1B - Whitfield spur
 - 1C - Crowfield spur
 - 1D - Syresham - Silverstone
 - 1E - Syresham - Silverstone via Racing Club
 - 2A - Brackley - Turweston via Turweston Rd
 - 2B - Brackley - Turweston via A43 underpass
 - 3A - Brackley - Croughton via Hinton-in-the-Hedges
 - 3B - A43 and Charlton Road
 - 3C - Broad Lane
 - 4 - Westbury via A422
 - 5 - Helmdon via disused railway line
- Key Walking and Cycling Route
 Core Walking Zone

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PROJECT
Brackley LCWIP

TITLE
Inter-urban routes

FIGURE NUMBER	REVISION		
//	B		
SCALE	DRAWN	REVIEWED	DATE
A3 @ 1:40,000	ML	CSw	12/04/2022

