



Innovate to Collaborate

James Smith (Head of Product Management)



Symology in the UK

Symology in the UK

We are proud suppliers to the devolved nations of Scotland and Northern Ireland

In England, Aurora is widely used across the industry, complementing and adding value to DfT's Street Manager

We are excited by the future in Wales

Allows us to provide consistency and benefits to all

Aurora is the centre of our universe – focussed on solving your challenges





Challenges of Lane Rental

Challenges of Lane Rental

Minimising disruption to traffic flow

Works scheduling & collaboration is key

Done right – high percentage of works granted waivers or discounts

Traditional systems have limited tools to help you capitalise on opportunities

You need a holistic view

You need more than just a Street Works system





Aurora

Informing Intelligent Decisions





Awareness

Scheduling



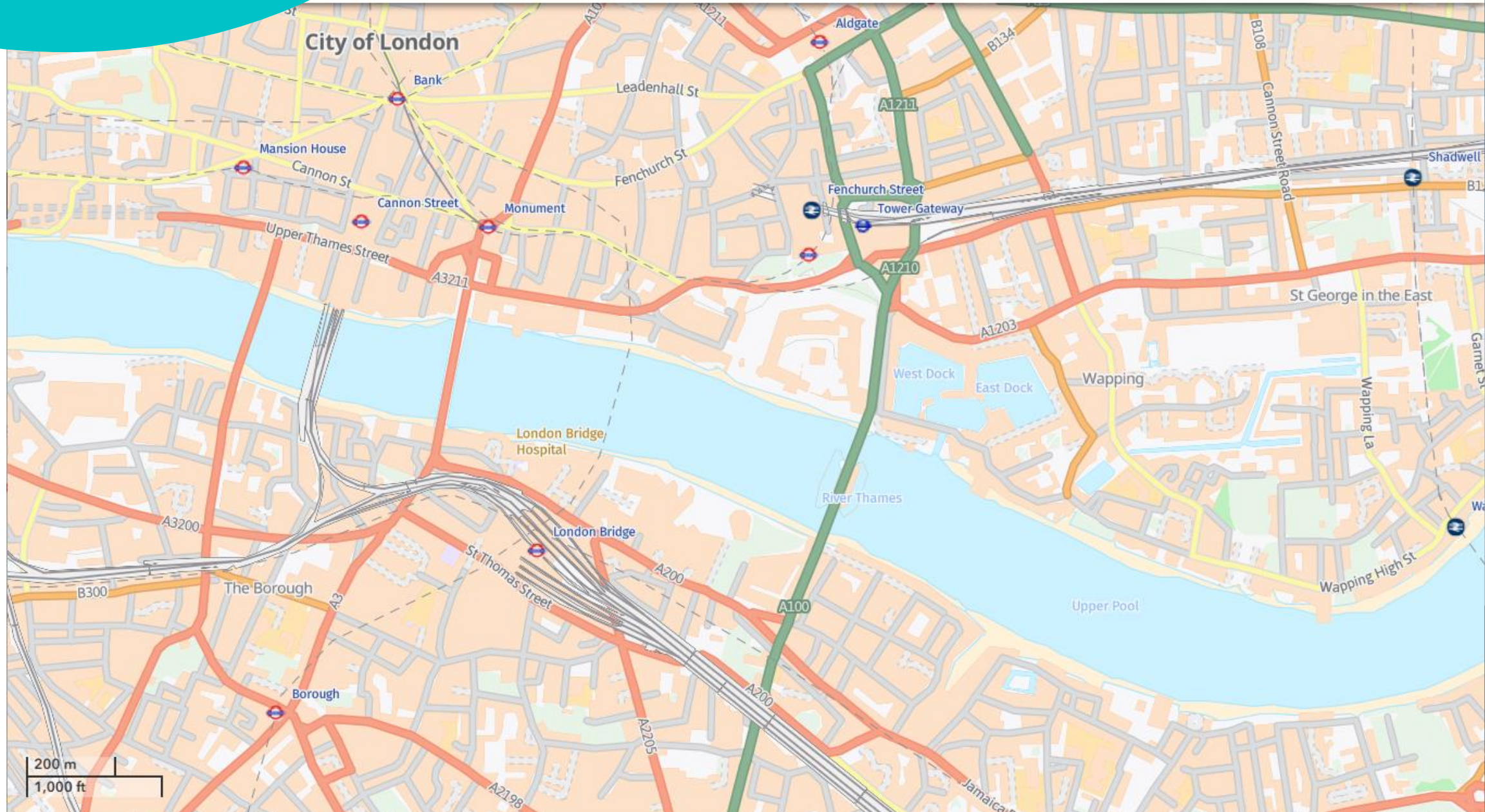
Awareness

Scheduling

Collaboration

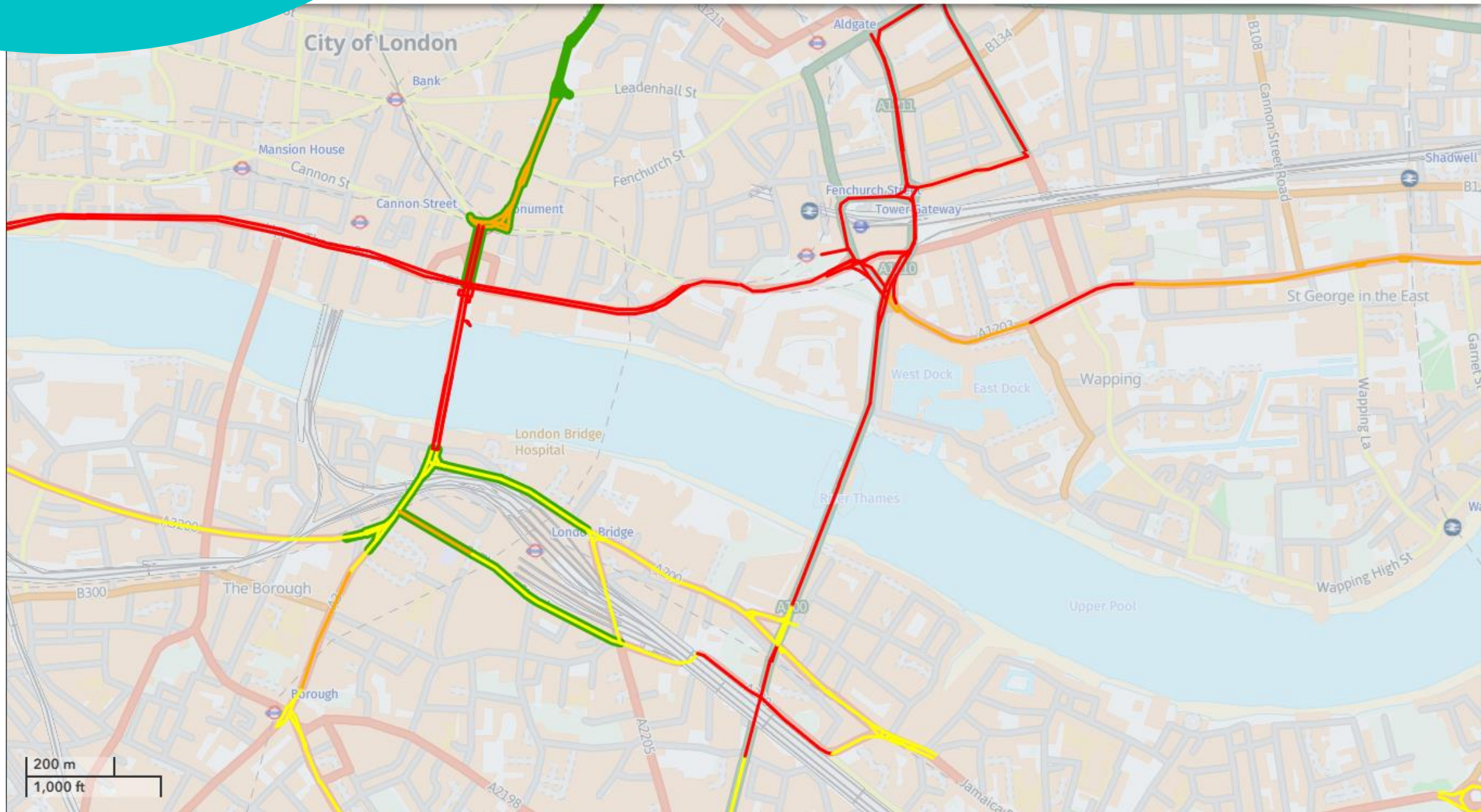
Awareness

Search



Awareness

Search



Awareness

Scheduling



Lane Rental

WHOLE ROAD
WESTMINSTER BRIDGE ROAD, LONDON,
SOUTHWARK
Saturday only
12:00 - 18:00
LANE RENTAL MEDIUM CHARGE ?1,500 - GIS
MAP ID 871

View

Street
Westminster Bridge Road, London, Southwark

Asset Details

Special Designations (5)

- Traffic Sensitive
Saturday only (12:00 - 18:00), Whole Road
- Traffic Sensitive
Working days only (06:30 - 20:00), Whole Road
- Lane Rental
Saturday only (12:00 - 18:00), Whole Road
- Lane Rental
Working days only (06:30 - 20:00), Whole Road
- Streets subject to early notification of immediate acti...
Everyday, Whole Road

Awareness

Scheduling



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Lane Rental

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SOUTHWARK

Saturday only

12:00 - 18:00

LANE RENTAL MEDIUM CHARGE 1,500 - GIS

MAP ID 871

Awareness

Scheduling

Create Street Works on Westminster Bridge Road, London, Southwark, LONDON



Lane Rental Applies - This could incur a potential daily charge up to £2500.00

Template

s50

Category, Duration

Proposed, Minor,
2 Working Days (2 Calendar Days)

Earliest Start Date

27/02/2025

Use Date

Collaboration Opportunities



01/10/2025 - 05/10/2025, Road Closure,
Gigaclear (plus 2 more)

Potential (Local Draft)?

Forward Planning?

Description

New service connection



Planned?

Urgent?

Emergency?

TTRO Required?

Excavation

No Excavation

Start Date



Start Time

Activity Type

New Service Connection

Highest Traffic Management

Stop/Go Boards

Footway Closure

No footway closure

Footpath Closure

No

Footway?

Carriageway?

Verge?

Cycleway?

Footpath?

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TTRO Required?

Footpath Closure

No

Awareness

Scheduling



Charge Definitions

Charge Type ↑	Description	End Date	Only for Selected Organisations?
Fixed Penalty Notice	Fixed Penalty Notice Charges		No
Inspection	Inspection Charges (From 1 April 2023)		No
Inspection	Inspection Charges (Before 1 April 2023)	31/03/2023	No
Lane Rental	Lane Rental Charges (East Sussex)		Yes
Lane Rental	Lane Rental Charges (West Sussex)		Yes
Lane Rental	Lane Rental Charges (Transport for London)		Yes
Lane Rental	Lane Rental Charges (Surrey)		Yes
Lane Rental	Lane Rental Charges (Kent)		Yes
Overrun	Overrun Charges		No
Permit	Permit Charges (Bath & NE Somerset)		Yes
Permit	Permit Charges (Bright & Hove City)		Yes

Awareness

Scheduling

(Unsaved) All



Charge Definitions Lane ... X

Rates

Lane Rental Charge Band ↑

Lane Rental Charge Band ↑	Rate
Band 1 - Road Closure	2500.00
Band 2 - Lane Closure	1500.00
Band 3 - No Rate Defined	0.00
Band 4 - No Rate Defined	0.00
Band 5 - No Rate Defined	0.00

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Permit Permit Charges (Bath & NE Somerset) Yes

Permit Permit Charges (Bright & Hove City) Yes

East Sussex Lane Rental Scheme – Scheme Document SoS Application Version

East Sussex County Council Network and Asset management

The Lane

Surrey Lane Rental Scheme
Version F2



1	Introduction	1
2	Objectives and Principles	2
3	Scope of the Scheme	
3.1.	Principle	
3.2.	Promoters	
3.3.	Specified Works	
3.4.	Specified Location	
3.5.	Specified Days and Times	
3.6.	Street data	
3.7.	Relationship with NRSWA	
4	The Surrey Permit Scheme	
4.1.	Principle	
4.2.	Permit application on a lan	
4.3.	Permit variation issued by	
4.4.	Permit variation issued by	
4.5.	Permit fees	
5	Lane Rental Charge	
5.1.	Principle	
5.2.	Calculation of charge	
5.3.	Lane rental charge categor	



Lane Rental Scheme

Delivering roadworks that optimise road network performance
1 May 2021

Create Street Works on Westminster Bridge Road, London, Southwark, LONDON

Lane Rental Applies - This could incur a potential daily charge up to £2500.00

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Collaboration



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Awareness

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Collaboration

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Collaboration Opportunities



01/10/2025 - 05/10/2025, Road Closure,
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New Service Connection

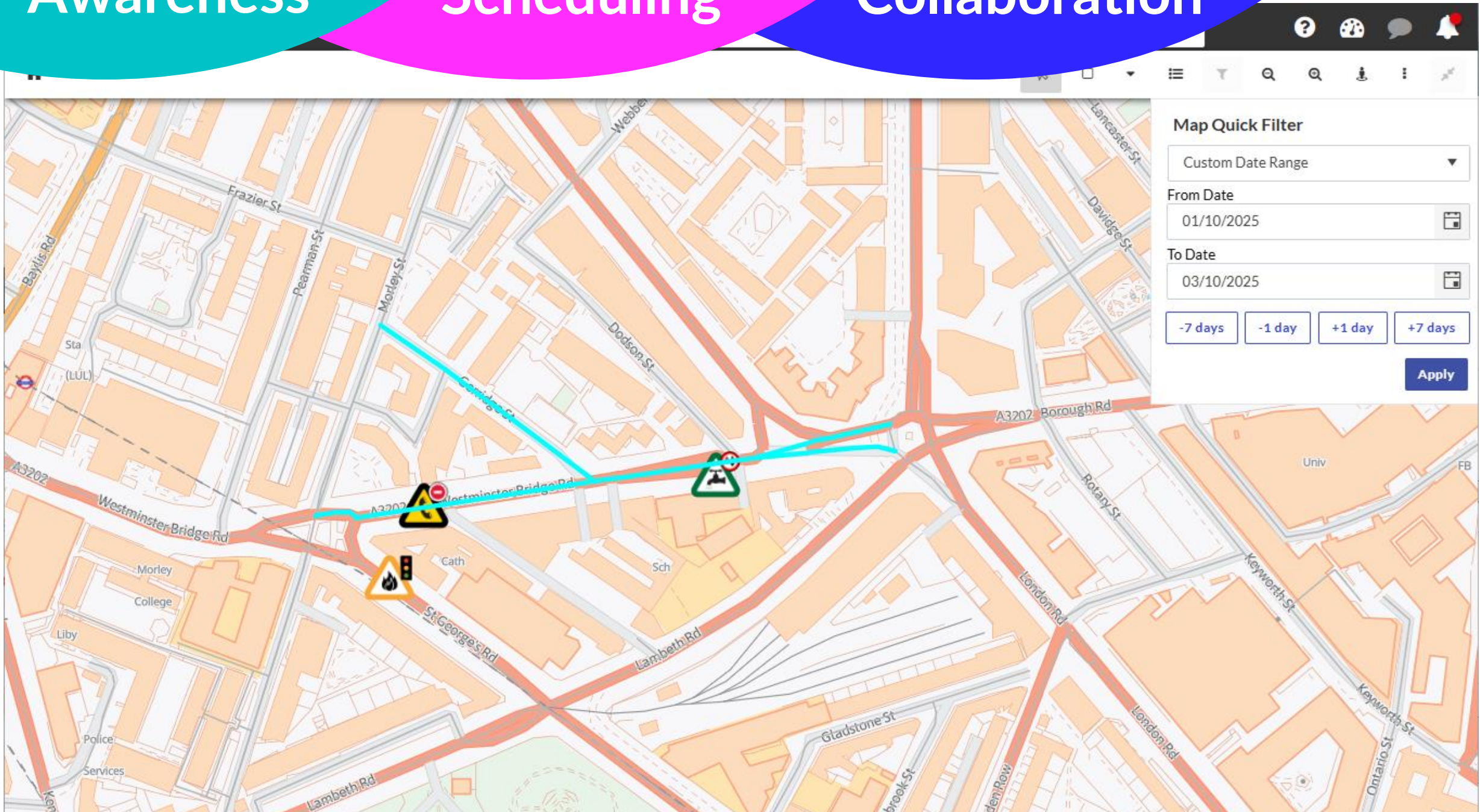
Highest Traffic Management

Stop/Go Boards

Awareness

Scheduling

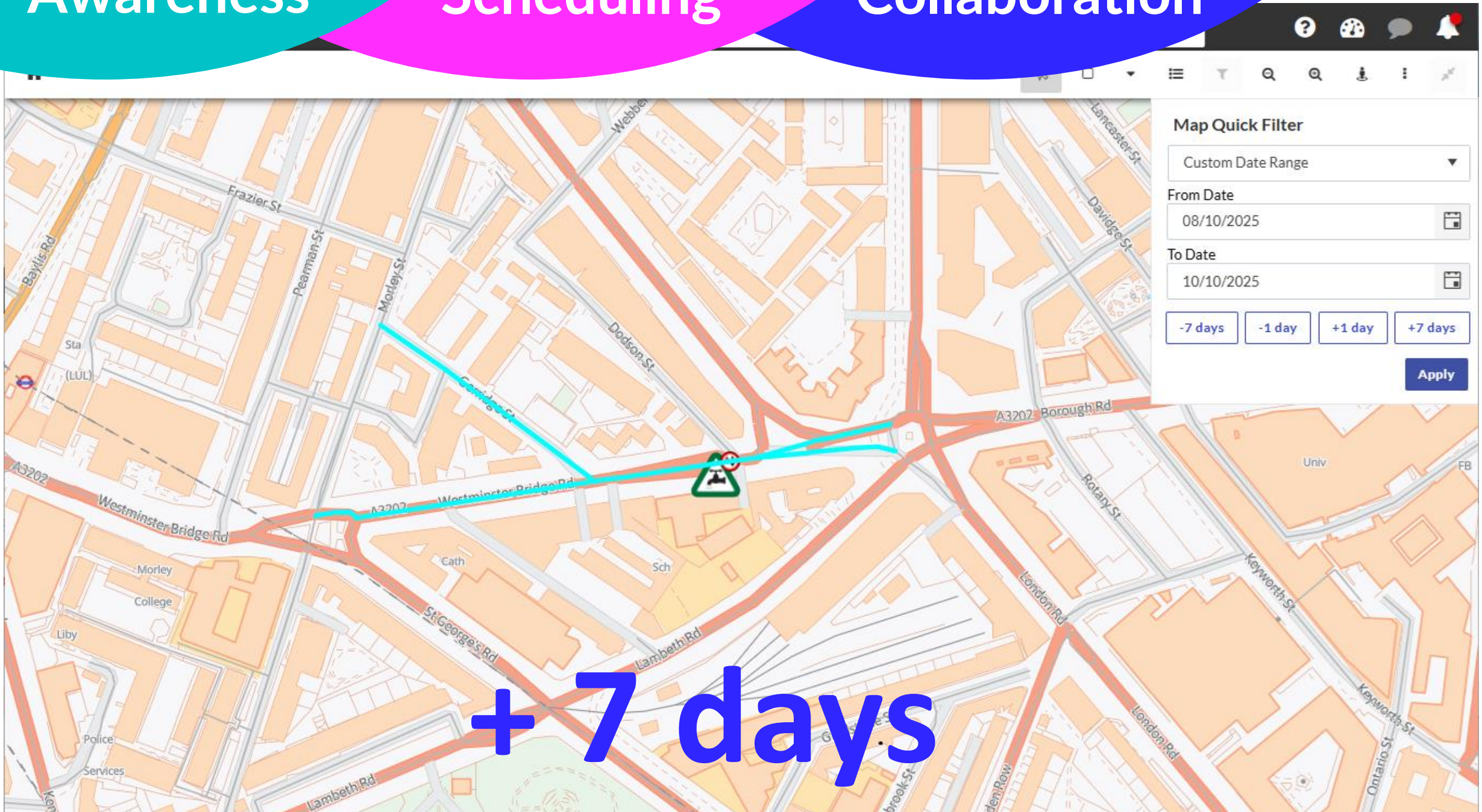
Collaboration



Awareness

Scheduling

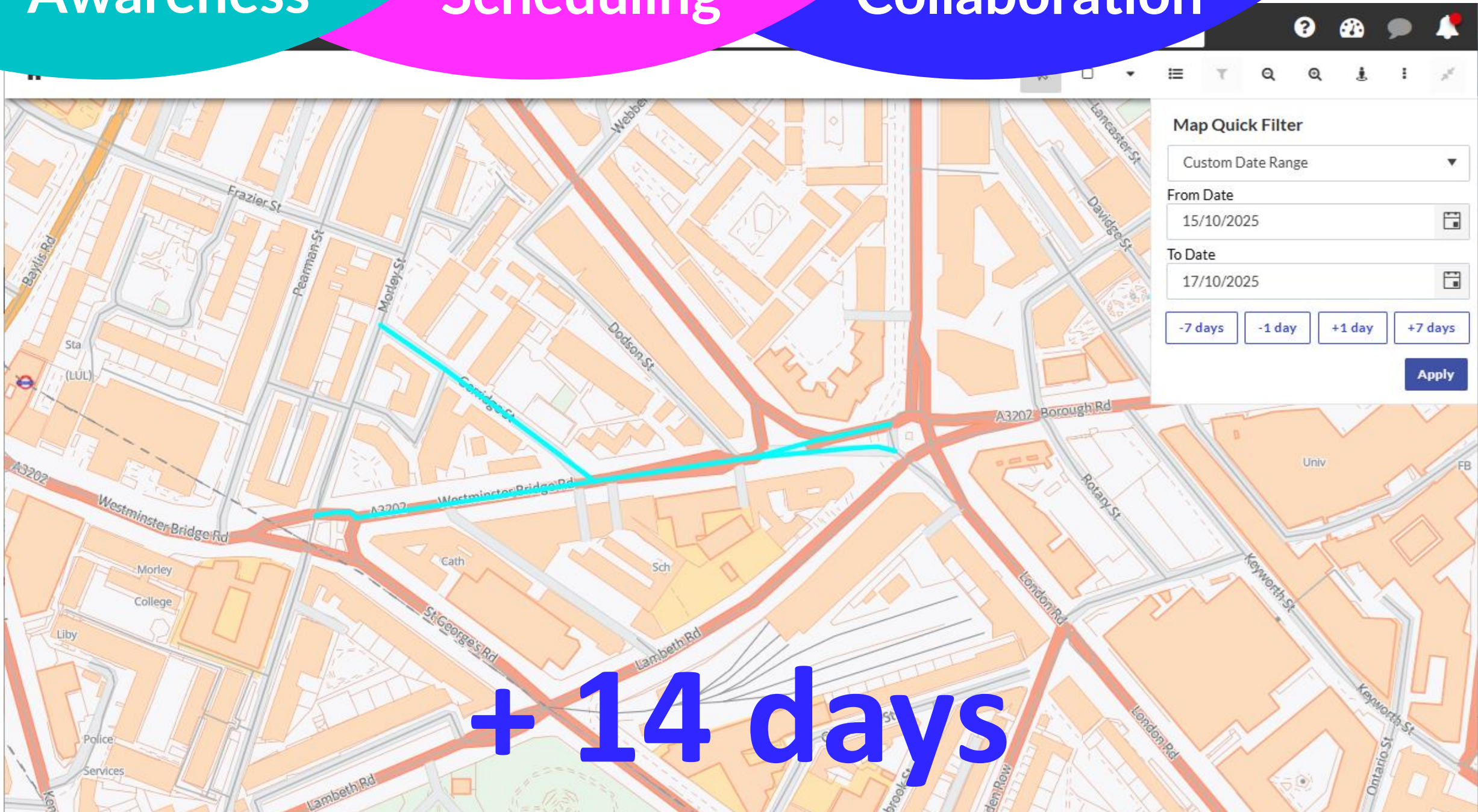
Collaboration



Awareness

Scheduling

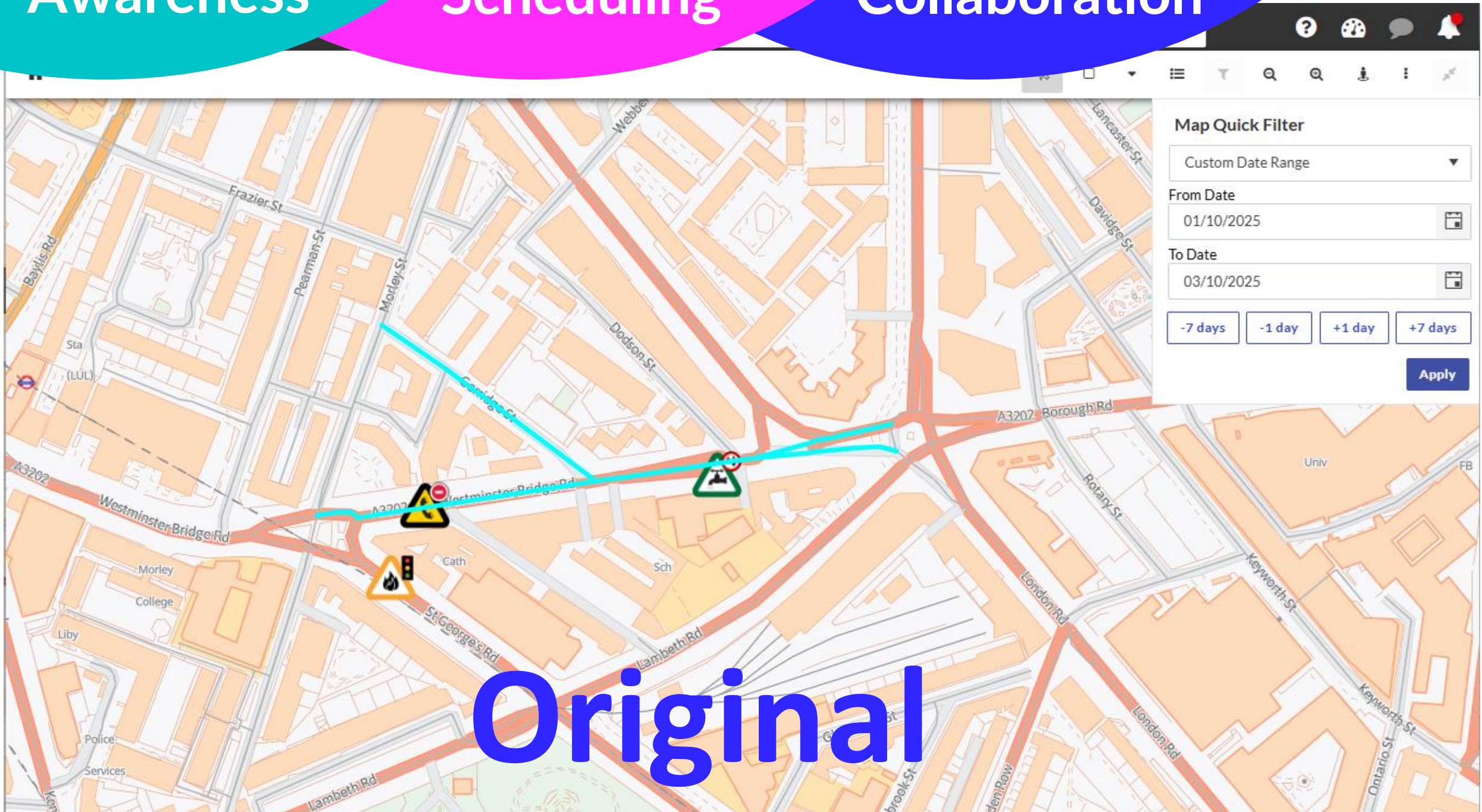
Collaboration



Awareness

Scheduling

Collaboration



Original

Awareness

Scheduling

Collaboration

The screenshot displays a mobile application interface for managing work items. On the left, a map shows a street network with a yellow warning icon (a triangle with a lightning bolt) highlighted by a blue square. The map includes a scale bar for 50 meters and 200 feet, and a copyright notice for Ordnance Survey data.

The right-hand panel provides details for a specific work item:

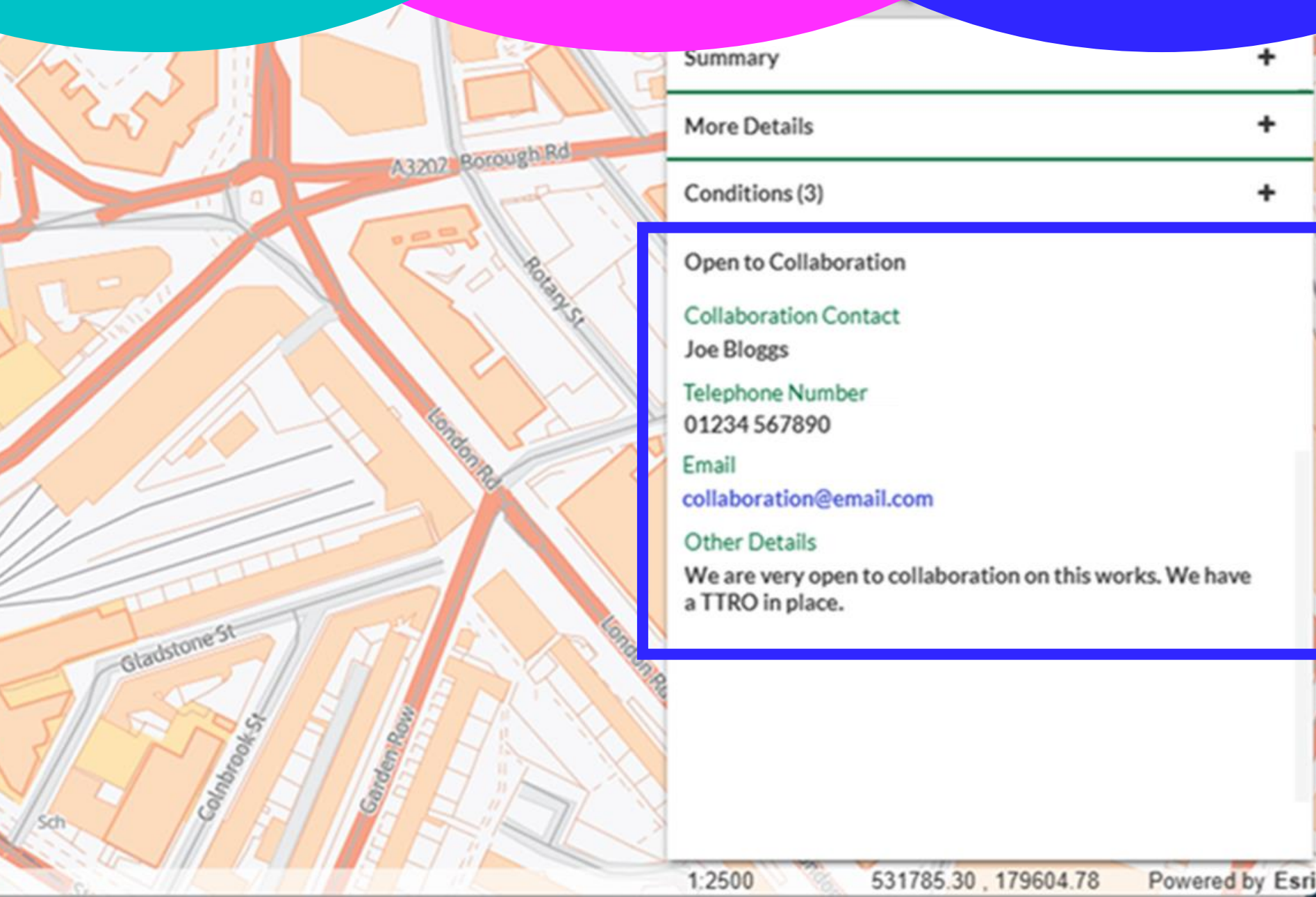
- Item ID:** KA00185334177, Advance Planning
- Summary:** (Expandable)
- More Details:** (Expandable)
- Conditions:** (3) (Expandable)
- Open to Collaboration:** Yes
- Collaboration Contact:** Joe Bloggs
- Telephone Number:** 01234 567890
- Email:** collaboration@email.com
- Other Details:** We are very open to collaboration on this works. We have a TTRO in place.

At the bottom of the screen, the map scale is 1:2500, and the coordinates are 531785.30, 179604.78. The interface is powered by Esri.

Awareness

Scheduling

Collaboration



Awareness

Scheduling

Collaboration

Street Lane Rental?

No

Highest Traffic Management
Priority Working

Phase Lane Rental?

No

Highest Carriageway Reinstatement
Carriageway type 4 (up to 0.5 MSA)

Lane Rental Applies?

Yes

Collaboration Opportunities



01/10/2025 - 05/10/2025, Road Closure,
Gigaclear (plus 2 more) [↗](#)

Charge Status

Not Issued

Total

1,500.00

Standard Charge

1,500.00

Adjustment Amount

0.00

Adjustment %

Charge Text

LR update after being Paid for TP0012B. Lane Rental from 13/11/2023 to 13/11/2023

...

'Lane Rental from 13/11/2023 to 27/11/2023' will be appended onto the end of the charge text sent to Street Manager.

Lane Rental Status

Chargeable

Charge Band

Band 2 - Lane Closure

Charge Start Date

13/11/2023

Charge End Date

27/11/2023

Number of Days

1

Recalculate

Rate

1,500.00

Charges Agreed With Works Promoter?

Yes

No

Works Start Date

13/11/2023

Works End Date

27/11/2023

Calculated LR Duration

11

Use

Awareness

Scheduling

Collaboration



Lane Rental Charge

Summary

Lane Rental Details

- Highest Traffic Management: Priority Working
- Street Lane Rental?: No
- Phase Lane Rental?: No
- Lane Rental Applies?: Yes
- Lane Rental Status: Chargeable
- Lane Rental Charge Band: Band 2 - Lane Closure
- Charge Start/End Date: 15/04/2025 - 17/04/2025
- Lane Rental Days: 3
- Rate: 1,500.00
- Charges Agreed With Works Promoter: No

Additional Fields

SM005SYMOLOGYEXAMPLE, Proposed

History

- Special Designations
- Conditions
- Sites
- Charges**
- Inspections
- Agreements
- Contacts
- Ancillary Information
- Collaboration
- Project Reference
- Linked Activities
- Conflicts
- Related
- Additional Fields
- Attachments

Permit Reference	Application Status	Dates	Promoter
SM005SYMOLOGYEXAMPLE-01	Granted	15/04/2025 - 17/04/2025	SM005 - Example (Example Workstream)
Description	Activity Status, Category	Street	Maintaining Authority
Desc	Proposed, Standard	High Street, Symology Town, Symologyshire	SY001 - Symology Limited

Charges

Add (Unsaved) All

Recorded Date/Ti...	Type	Charge Description	Standard Charge	Adjustment Cha...	Total	Held?
11/02/2025 23:03	Permit	Permit Minor - Category 0,1,2 Works Traffic Sensitive	65.00	-65.00	0.00	Yes
11/02/2025 23:03	Lane Rental	Lane Rental, Chargeable, Charge Band 2	4500.00	0.00	4500.00	Yes

Page 1 of 10 items per page

Inspections


Awareness

Scheduling

Collaboration

Permit Reference SM005SYMOLOGYEXAMPLE-01	Application Status Granted	Dates 15/04/2025 - 17/04/2025	Promoter SM005 - Example (Example Workstream)
Description Desc	Activity Status, Category Proposed, Standard	Street High Street, Symology Town, Symologyshire	Maintaining Authority SY001 - Symology Limited

Charges

Add (Unsaved) All 

Recorded Date/Time	Type	Charge Description	Standard Charge	Adjustment Charge	Total	Held?
11/02/2025 23:03	Permit	Permit Minor - Category 0,1,2 Works Traffic Sensitive	65.00	-65.00	0.00	Yes
11/02/2025 23:03	Lane Rental	Lane Rental, Chargeable, Charge Band 2	4500.00	0.00	4500.00	Yes

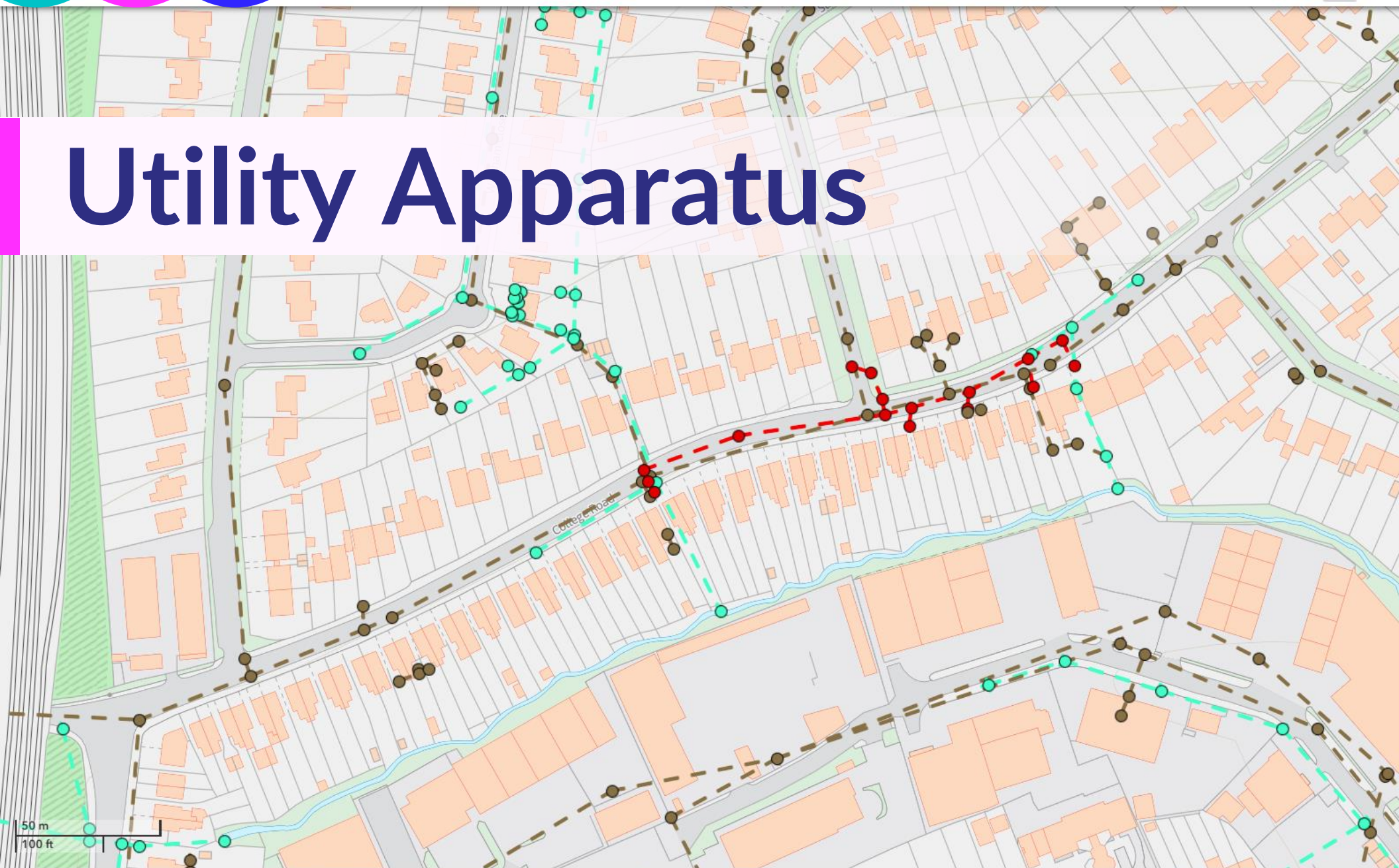
Page 1 10 items per page    

Inspections





Utility Apparatus



- Sewer Point
 - Combined
 - Foul
 - Surface Water
 - Treated Effluent
- Sewer Line
 - Combined
 - Foul
 - Surface Water
 - Treated Effluent
- Water Point
 - <Null>
 - Blue
 - Brown
 - Cyan
 - Magenta
 - Orange
 - Yellow
- Water Line
 - Blue
 - Cyan
 - Magenta
 - Orange
 - Yellow
- Street Manager Activities
- Street Manager Permits

Utility Apparatus

Cycle Paths



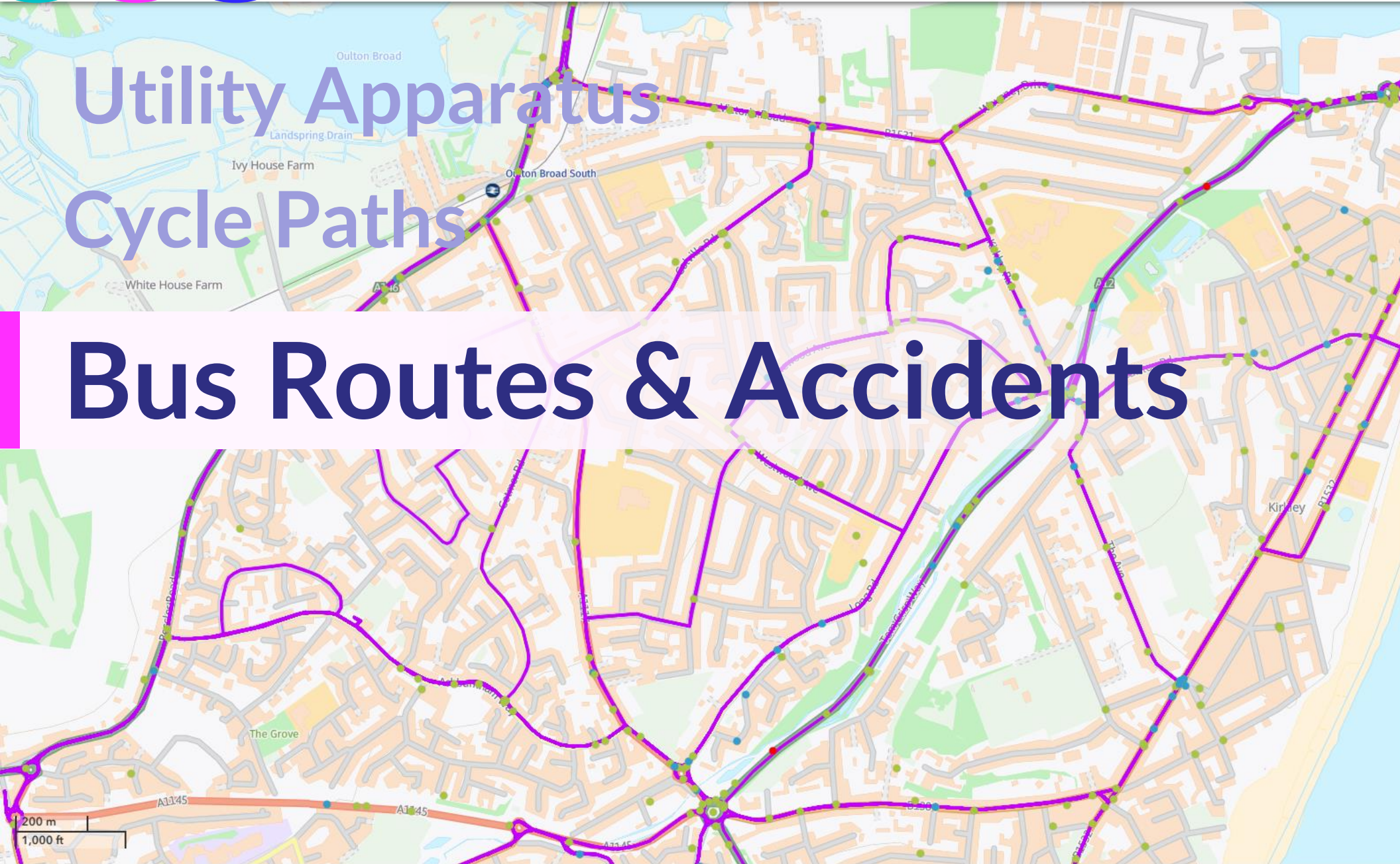
- Lane Rental Tidal Direction
- CCTV
- Safety Cameras
- Junction Signals
- Crossings
- Bus Stops
- Bus Lanes
- Bus Routes
- Cycle Network Full
 - Cycle Superhighways
 - Cycleways
 - Quietways
 - <all other values>
- Cycle Lanes Tracks
 - On-Carriageway
 - - - Off-Carriageway
- Principle Road Network
- Speed Limit
- Borough Boundaries
- Highways Contractors HMPF
- Low Emission Zone
- TLRN HA BOUNDARY
- Congestion Charging Zone
- Postcodes
- Street Manager Activities
- Street Manager Permits

200 m
1,000 ft



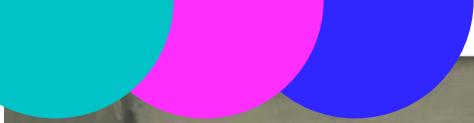
Utility Apparatus Cycle Paths

Bus Routes & Accidents



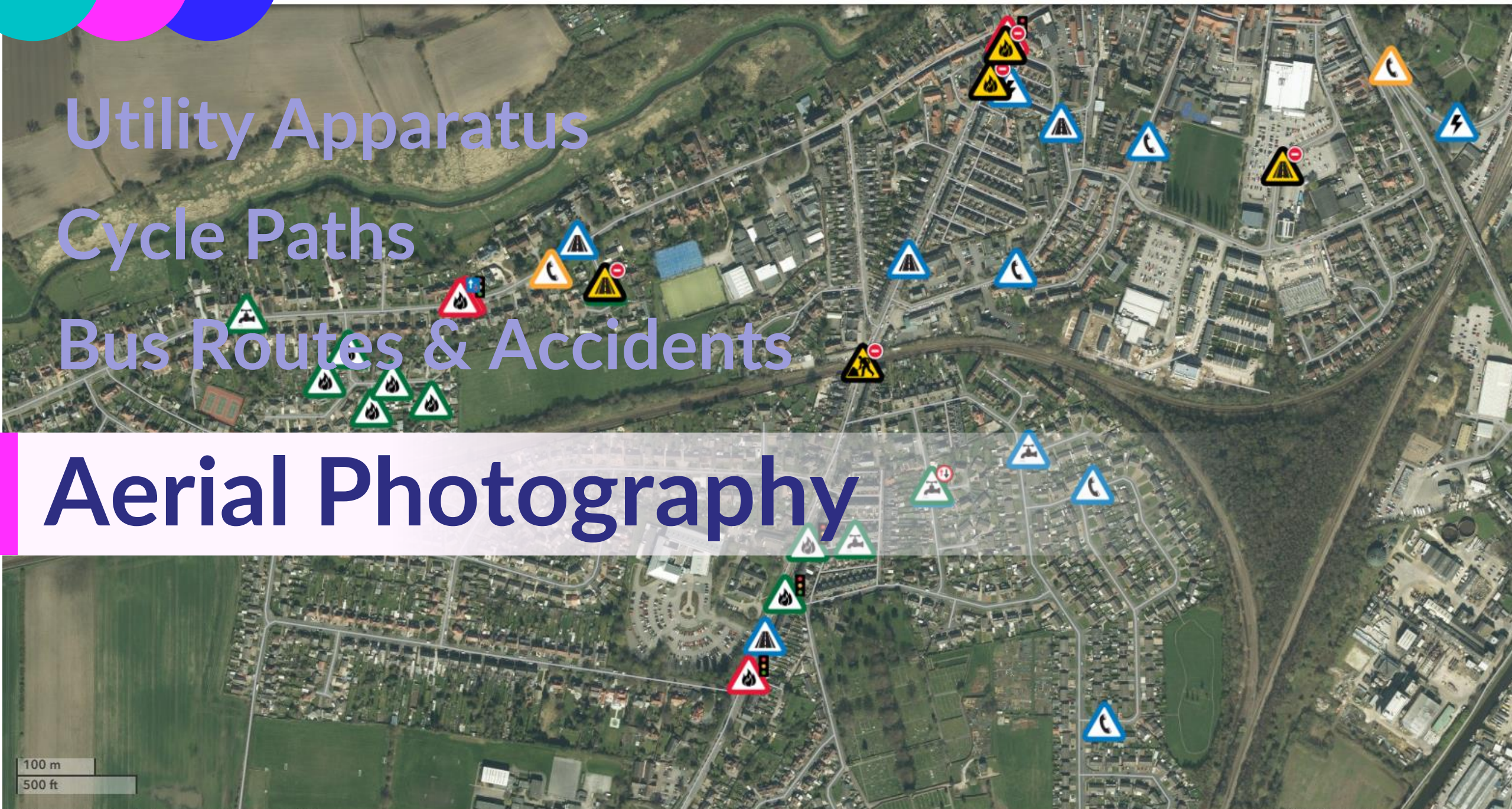
- Activities
- Diversions
- Cases
- ASD
- Streets
- RoadClass
- Pinch Points
- Postcodes
- Accidents
 - Fatal
 - Serious
 - Minor
- Bus Routes
- Path Manager
- Highway Records
- Parishes
- County Boundary
- Street Manager Permits
- Street Manager Activities

200 m
1,000 ft



Utility Apparatus
 Cycle Paths
 Bus Routes & Accidents

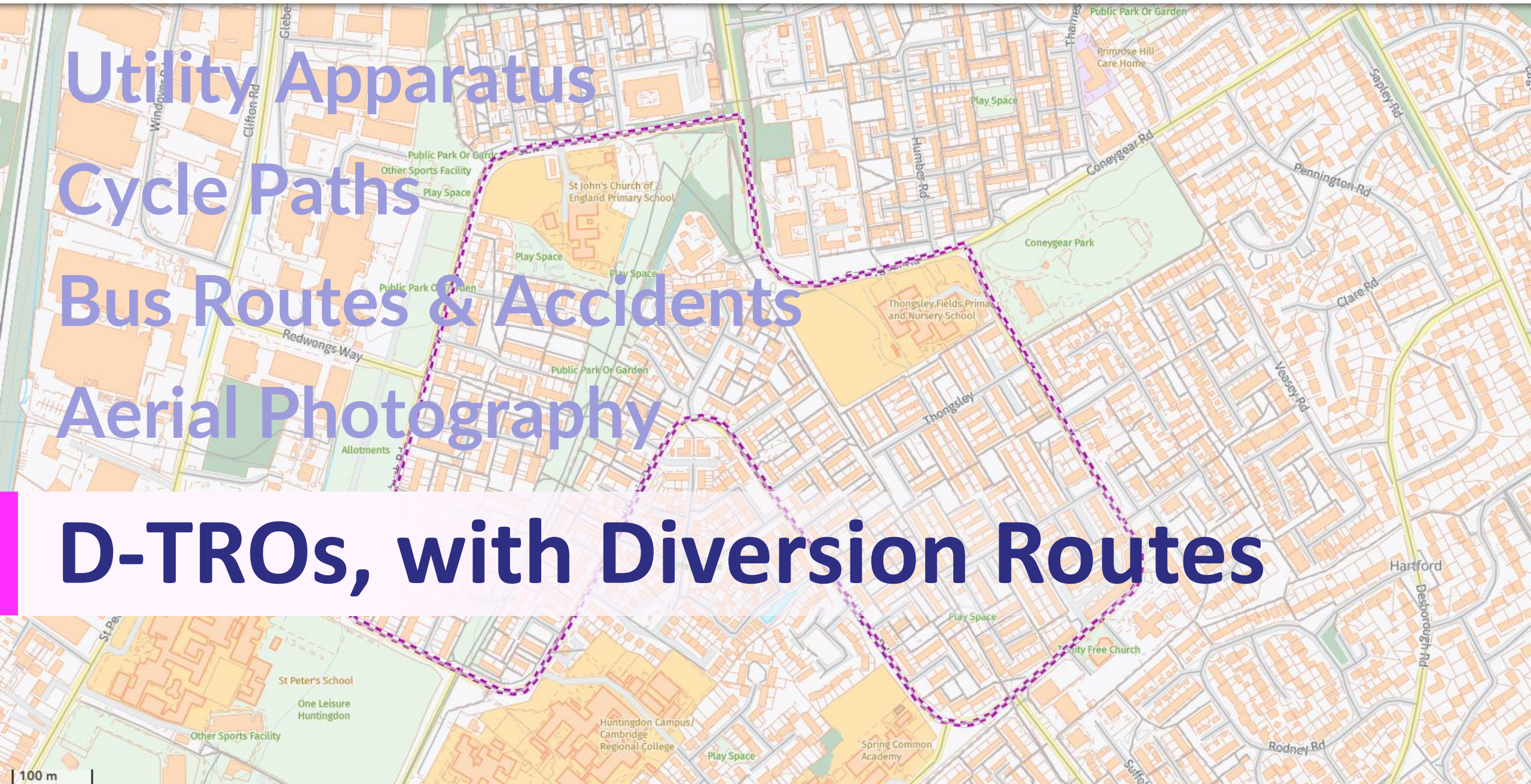
Aerial Photography



100 m
 500 ft

Utility Apparatus
 Cycle Paths
 Bus Routes & Accidents
 Aerial Photography

D-TROs, with Diversion Routes





Utility Apparatus

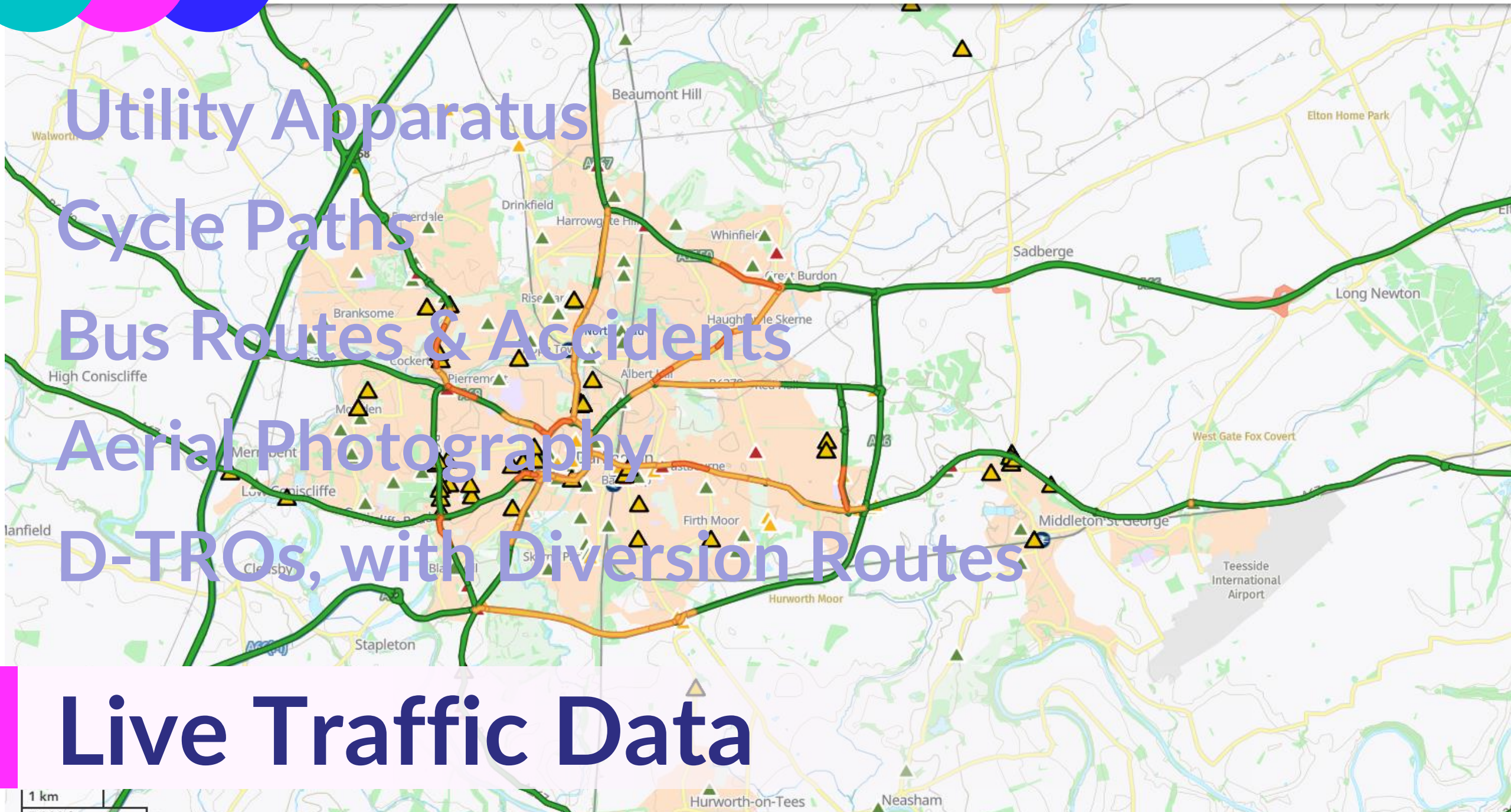
Cycle Paths

Bus Routes & Accidents

Aerial Photography

D-TROs, with Diversion Routes

Live Traffic Data



1 km



Utility Apparatus

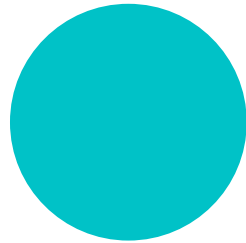
Cycle Paths

Bus Routes & Accidents

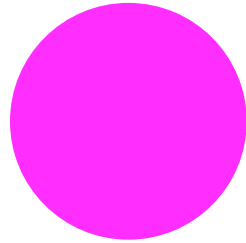
Aerial Photography

D-TROs, with Diversion Routes

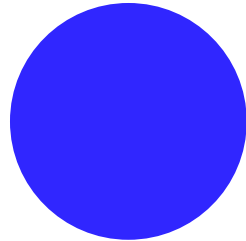
Live Traffic Data



Making you aware of lane rental



Assisting with scheduling



Suggesting collaboration opportunities

Visit us at stand 3