



Digital Streetworks Inspections  
With National Roadscape Intelligence

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CEO Gaist

U



[ trusted by... ]

# Becoming the worlds first choice for road insights.

The UK's No. 1 provider of highway asset management data services





Uganda



USA



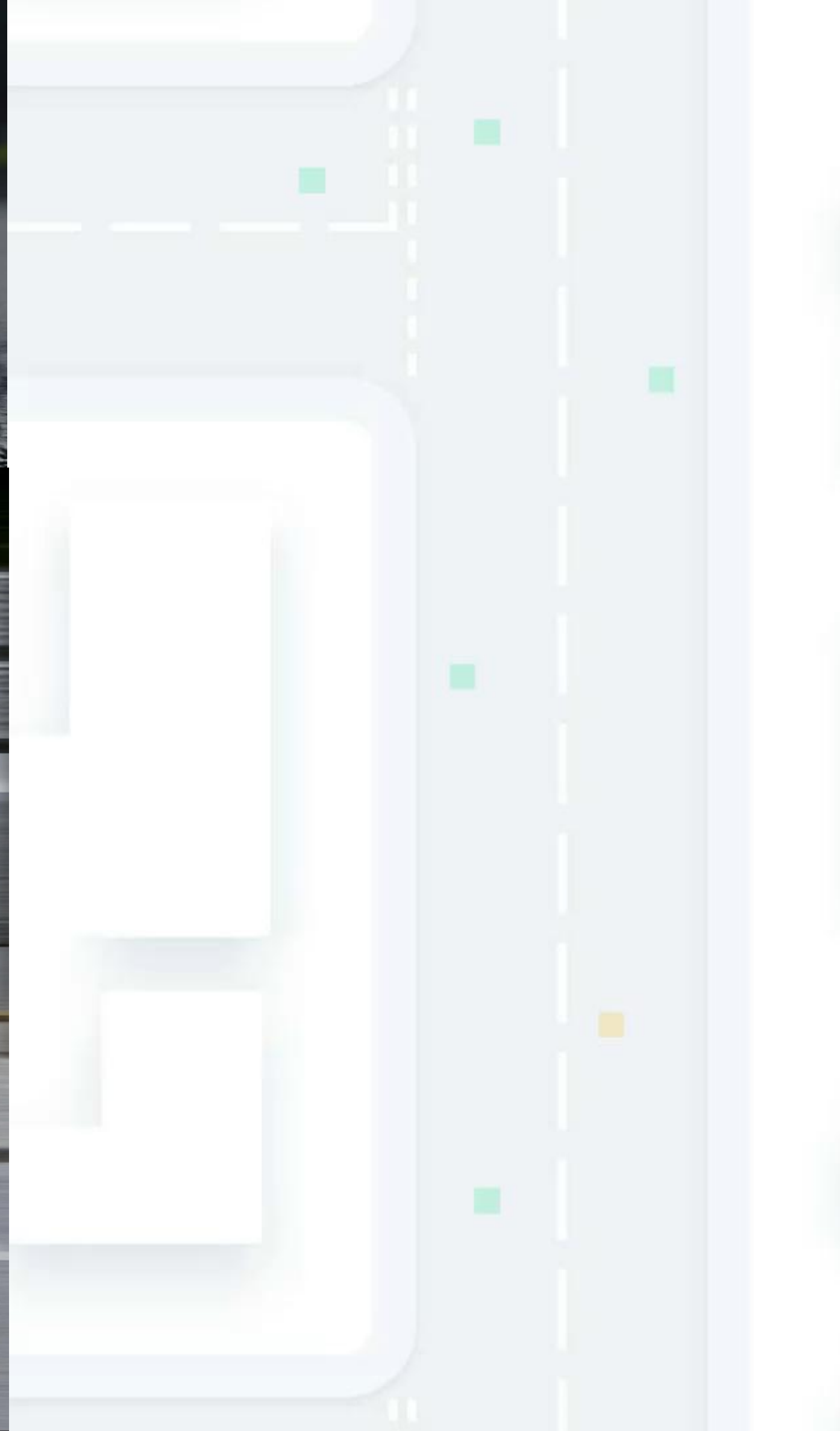
Costa Rica



Ghana



Ireland





Street works inspections are where everything becomes resource-heavy, subjective, and reactive.



## Lack of Resource

- Thousands of works active at any time (especially with fibre rollout)
- Small inspection teams
- Difficulty recruiting inspectors
- Only a sample % of works actually inspected

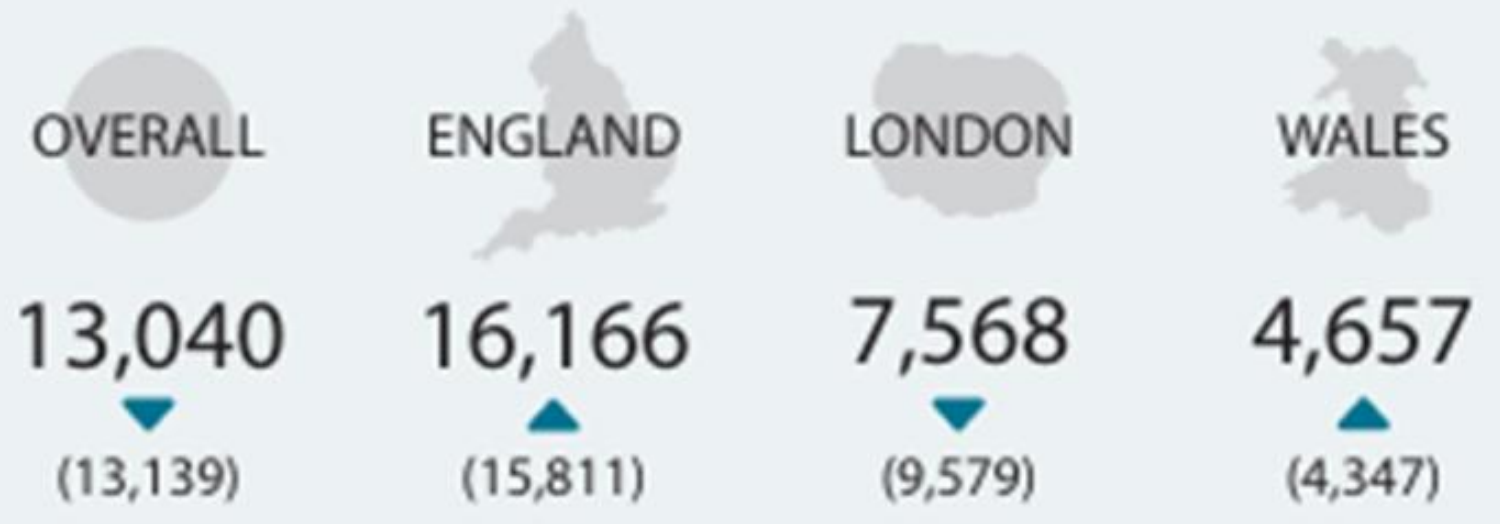


## Inspections are largely manual and time-consuming

- Travel between sites
- Visual checks, measurements, photos
- Clunky systems
- An inspector might only cover a limited number of sites per day

## Utility company openings 2025/26

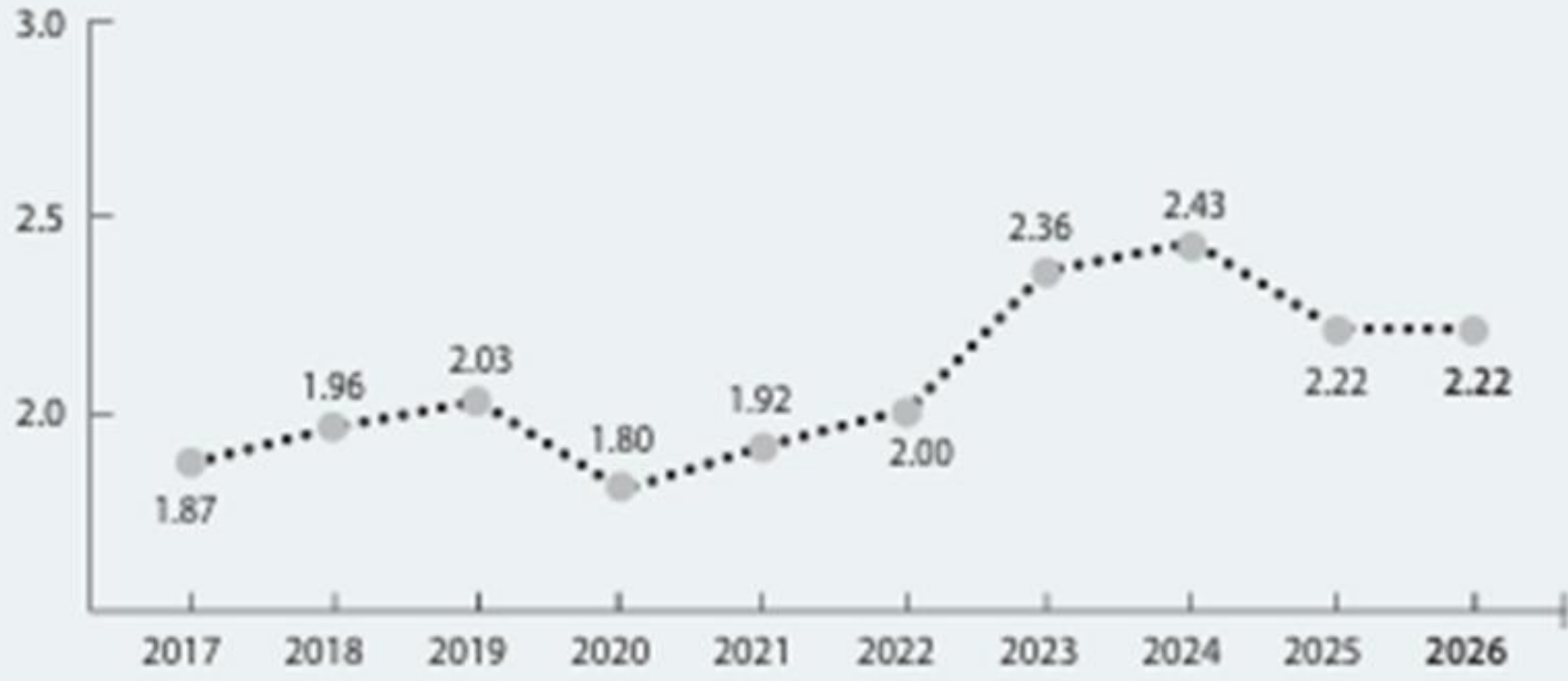
Average number of utility openings per authority in past year  
(previous year in brackets)



## 10 year trend: utility company openings

2016/17– 2025/26

Total number of utility company openings (millions)



“3.1% of Council maintenance carriageway budget spent on addressing premature maintenance arising from addressing reinstatements”

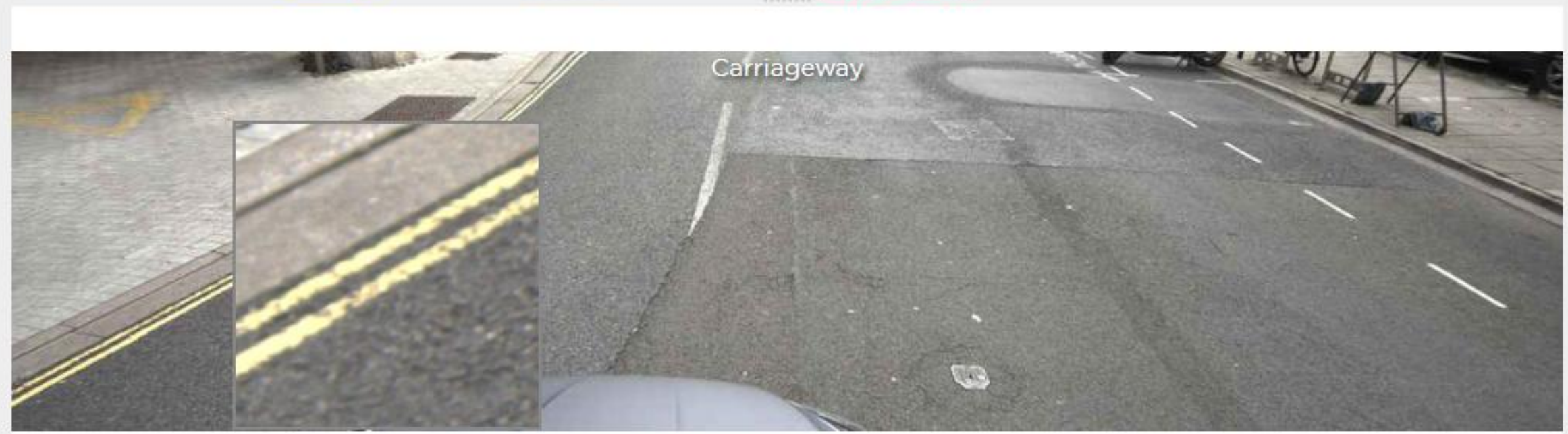
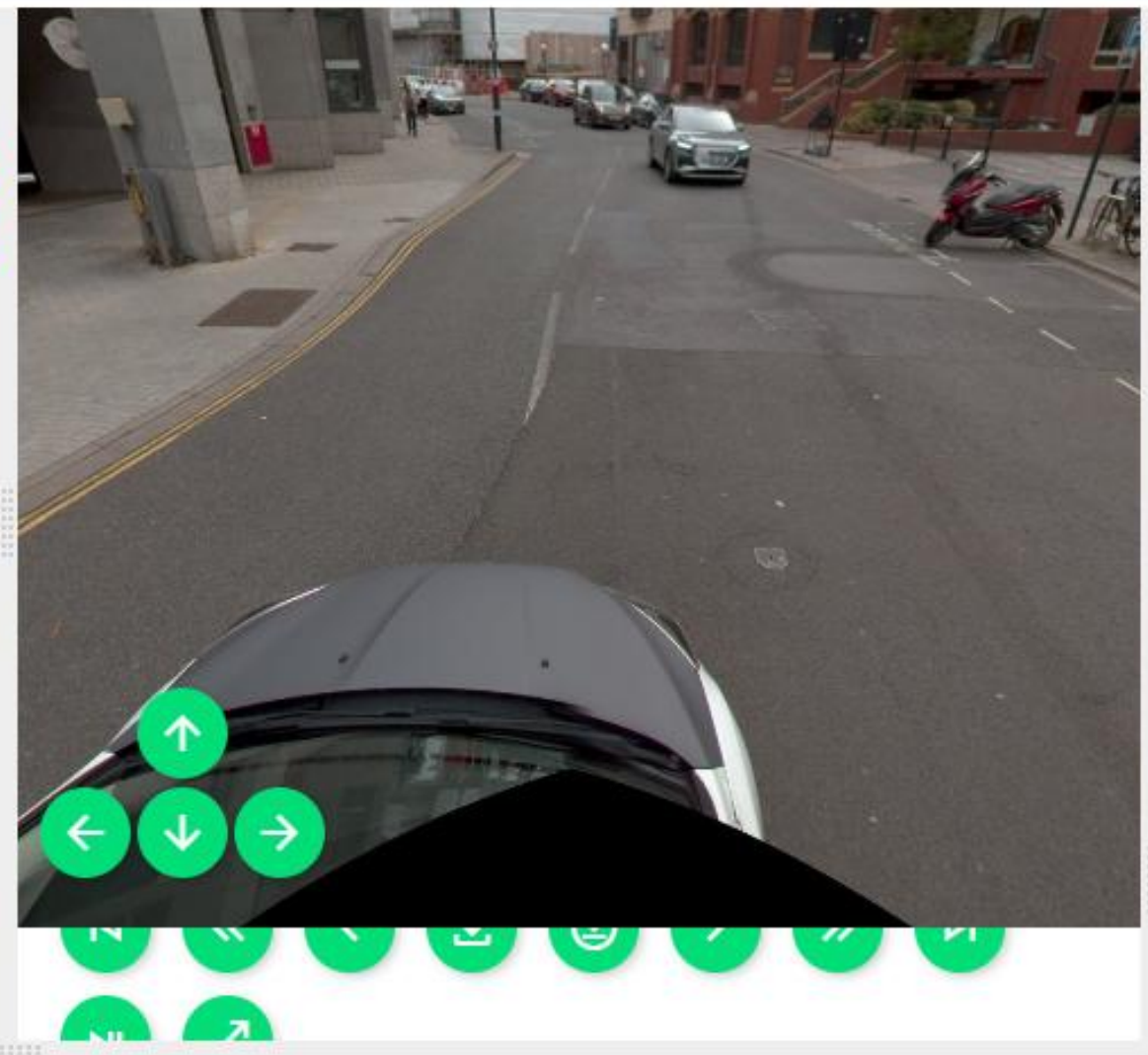
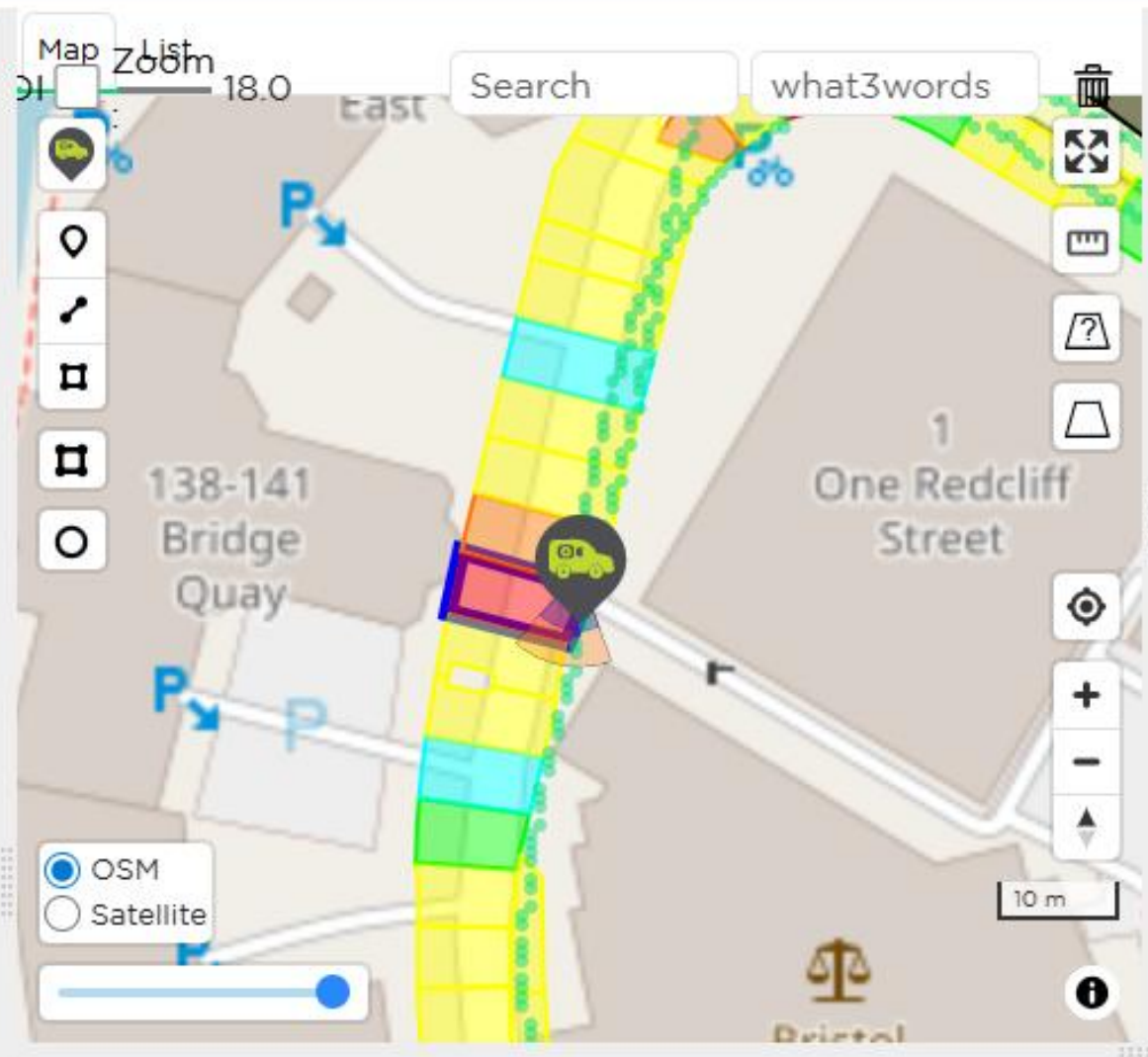
(2026 AIA ALARM Survey)

89.3 Million in total across the UK

Avg. £528,400 per Council



- Filter
- Search For Dataset
- Filter All
- Dataset Datasets
- Bristol 2025 CW
- Dataset Data
- Parks
- Condition Data
- Bristol 2017 CW
- Bristol 2017 CW - Nationa
- Bristol 2018 CW
- Bristol 2019 CW
- Bristol 2020 CW
- Bristol 2020 FW Walked
- Bristol 2020 Car Parks
- Bristol 2021 CW
- Bristol 2022 CW
- Bristol 2022 FW Walked
- Bristol 2023 CW
- Bristol 2024 CW
- Bristol 2024 RF
- Bristol 2025 CW
- al Inspector
- ital Inspector Video
- Data
- gery
- tyView



Dataset Feature Records Record

### Unnamed feature

[Area Summary](#) [Edit](#)

**Feature Type:** Bristol 2025 CW

**Area:** 52.89 m2

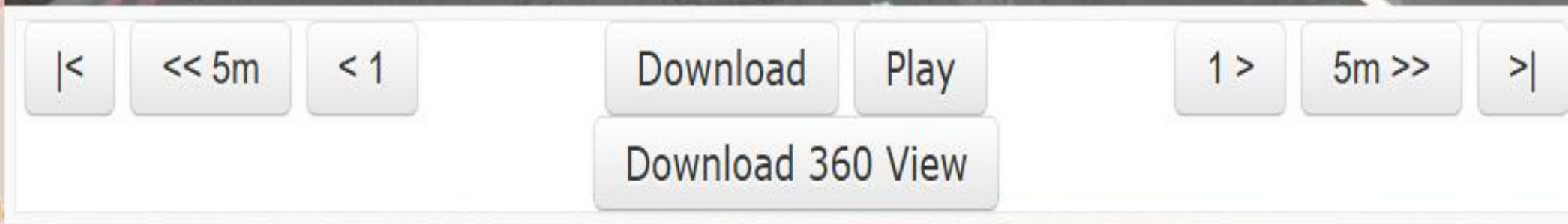
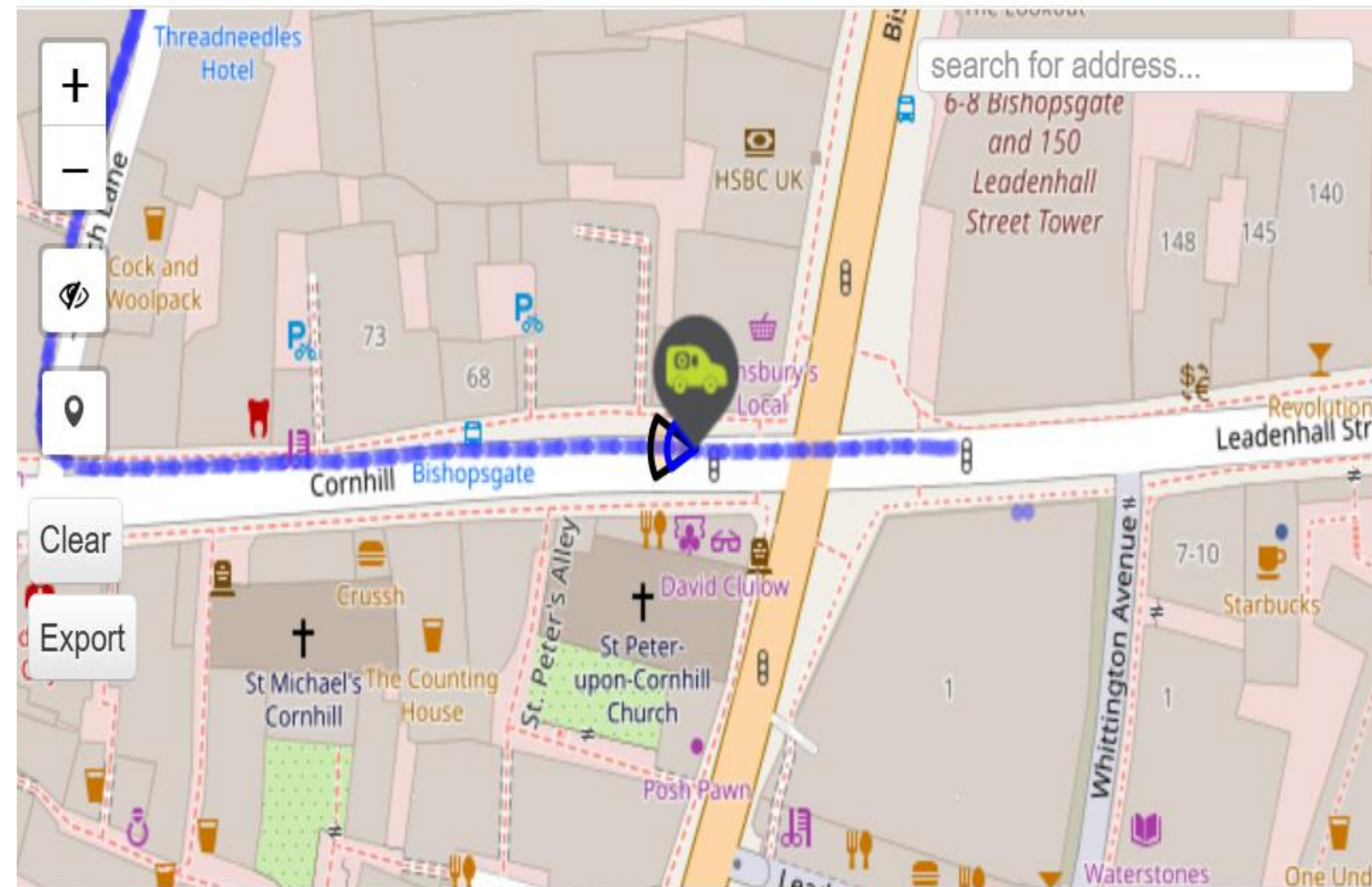
**Properties:**

<b>id:</b>	169113
<b>category:</b>	Gaist CW
<b>videocapturedate:</b>	2025-09-29T00:00:00+01:00
<b>critical_grade:</b>	5
<b>critical_am_indicator:</b>	5
<b>primary_damages:</b>	Cracking - wheel track crazing
<b>critical_grade_desc:</b>	Structural or severe surface impairment
<b>rcm_category:</b>	3
<b>predominant_surface_type:</b>	Bituminous



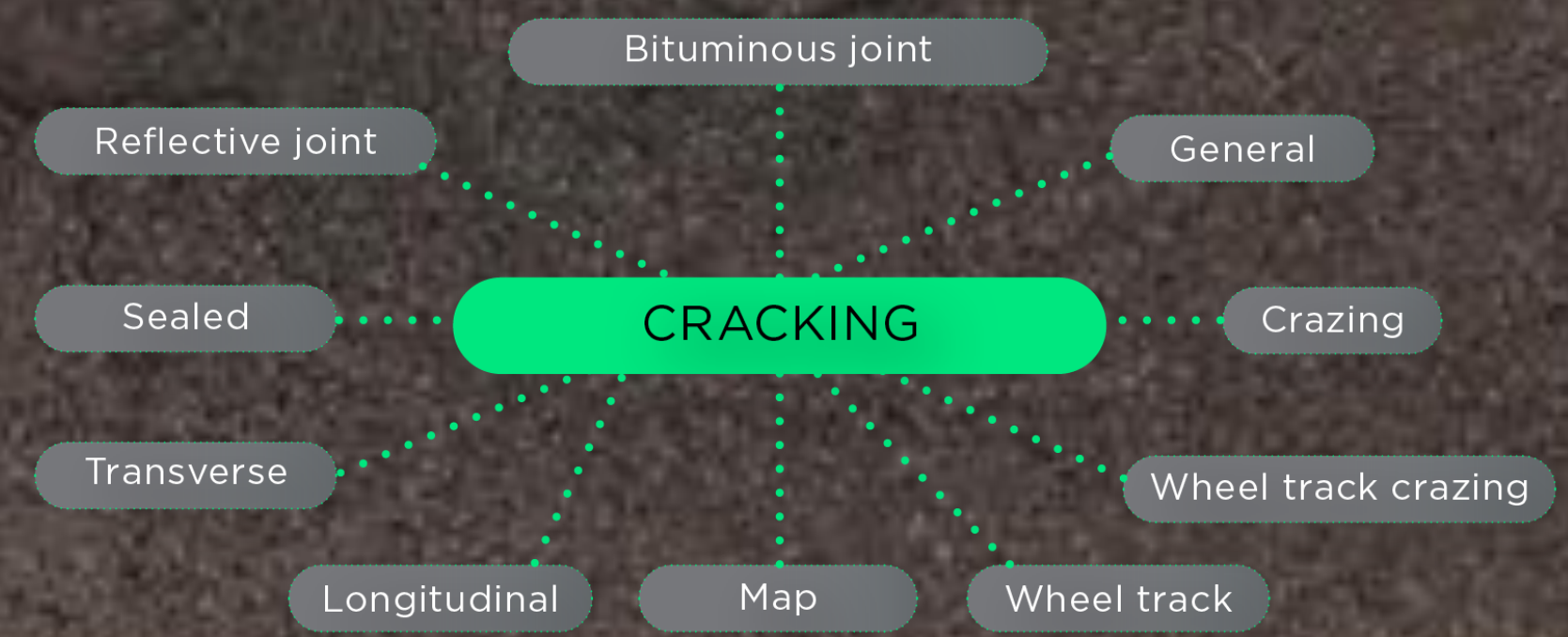
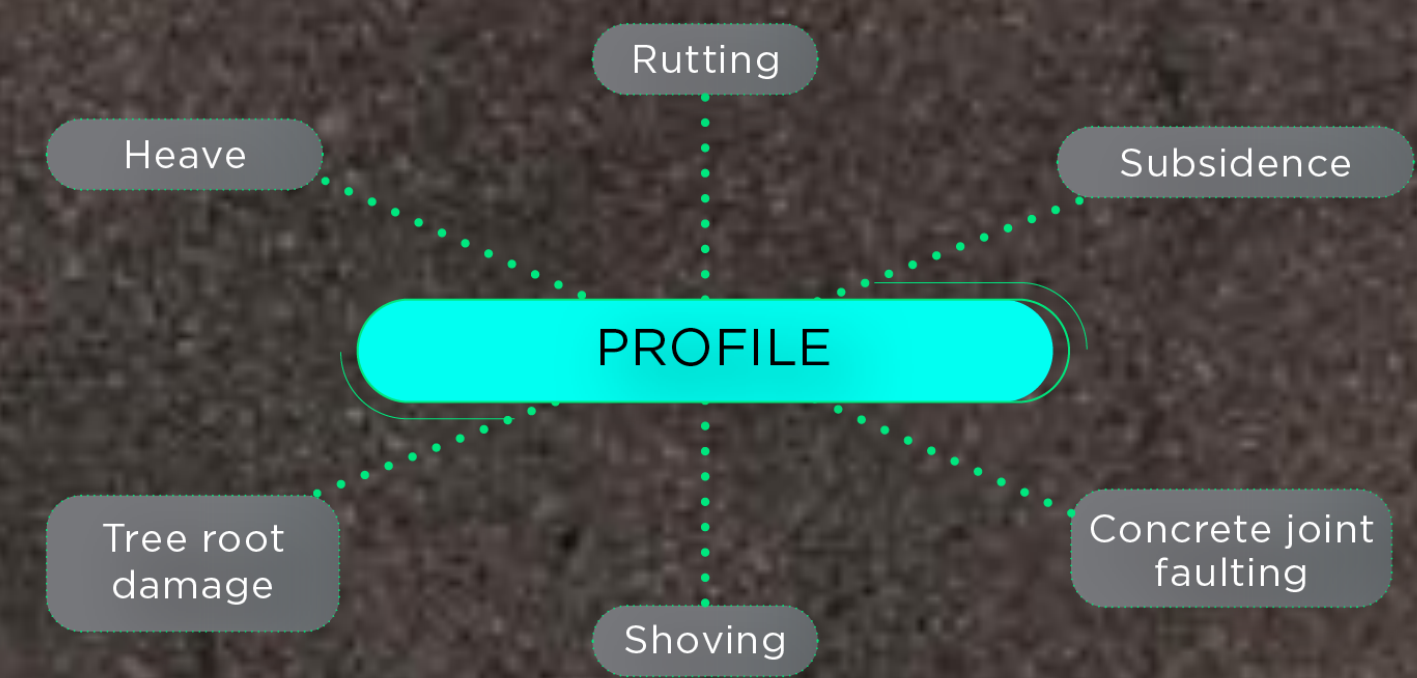
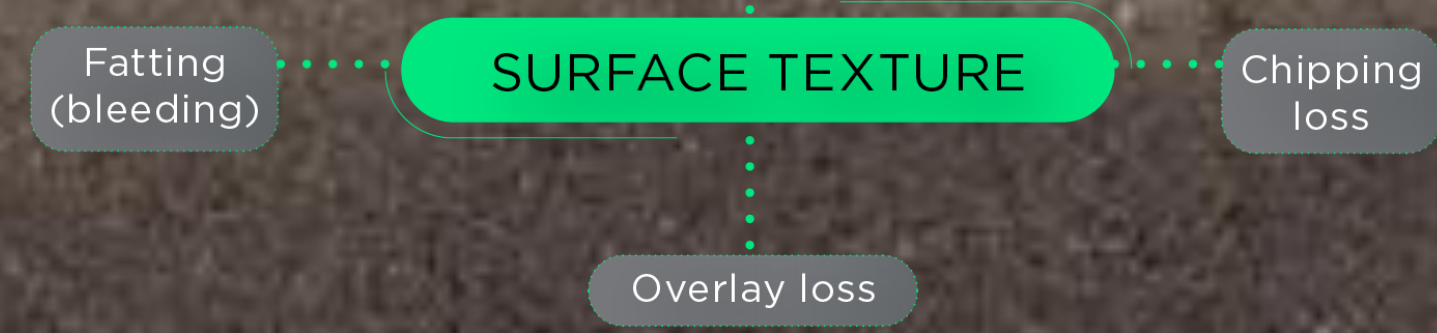
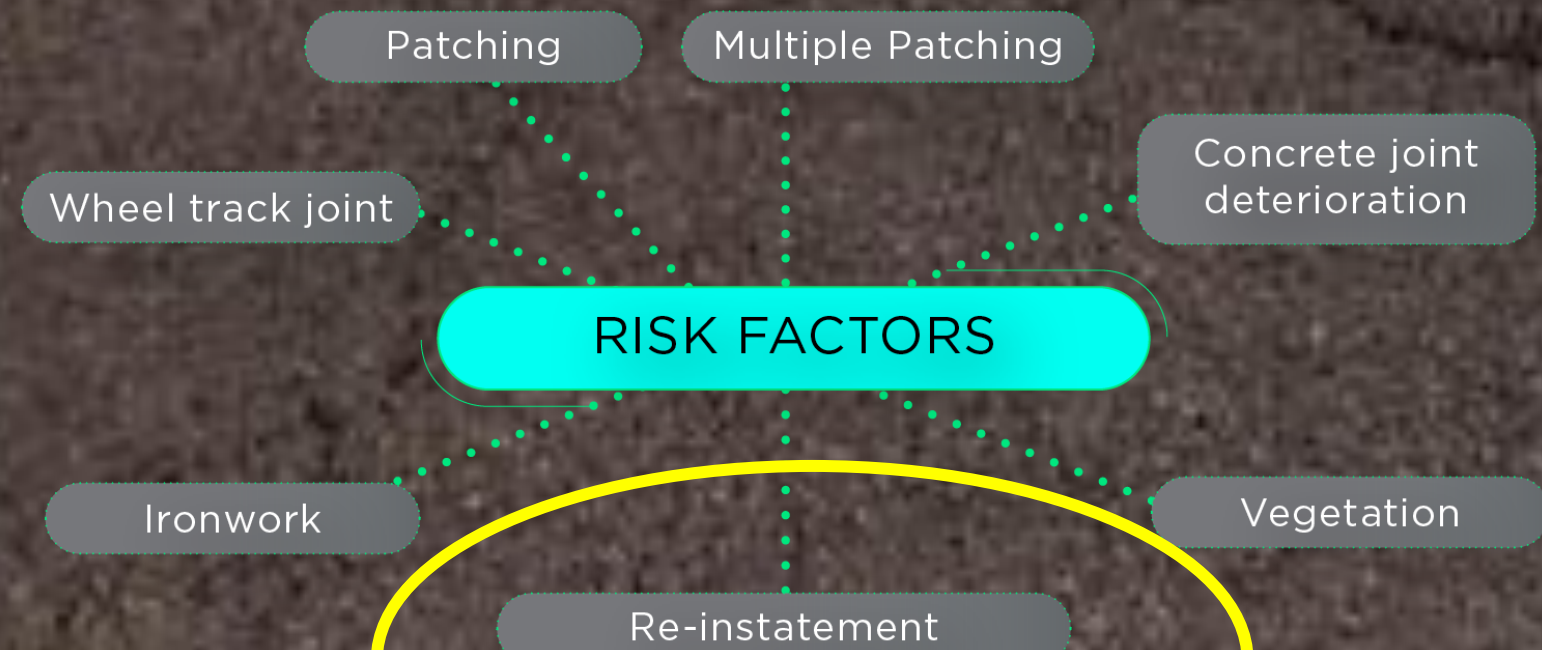
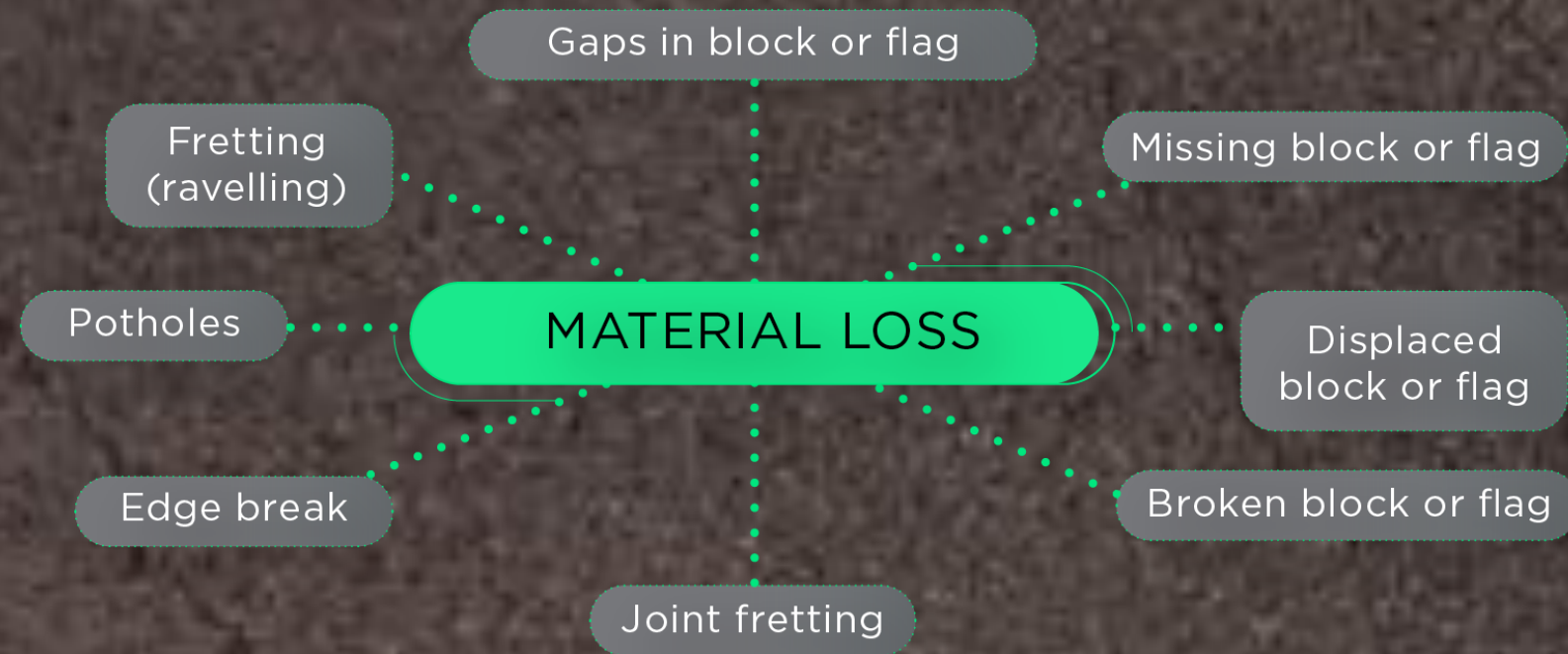


Gaist



Sun Jul 02 2023 15:00:42 GMT+0100 (British Summer Time)





## Digital Street Works Inspection Service

Inspect more of your network with high-frequency, consistent data across every street work

01

### Street Works Survey

Capture high-definition 360 degree imagery

Overlay street works data

Flag areas for investigation

02

### Investigation & Defect Notice

Audit Register & Inspect Sites

Issue Defect & Penalty Notices

Manage Fines/Charges Invoices Service

03

### Capital Programme & Asset Protection

Alignment with Forward Works Programme (FWP) (Capital)

Coordination of Coring & Testing Outputs with FWP

Full invoicing & payment service for Coring Programme, fines & charges

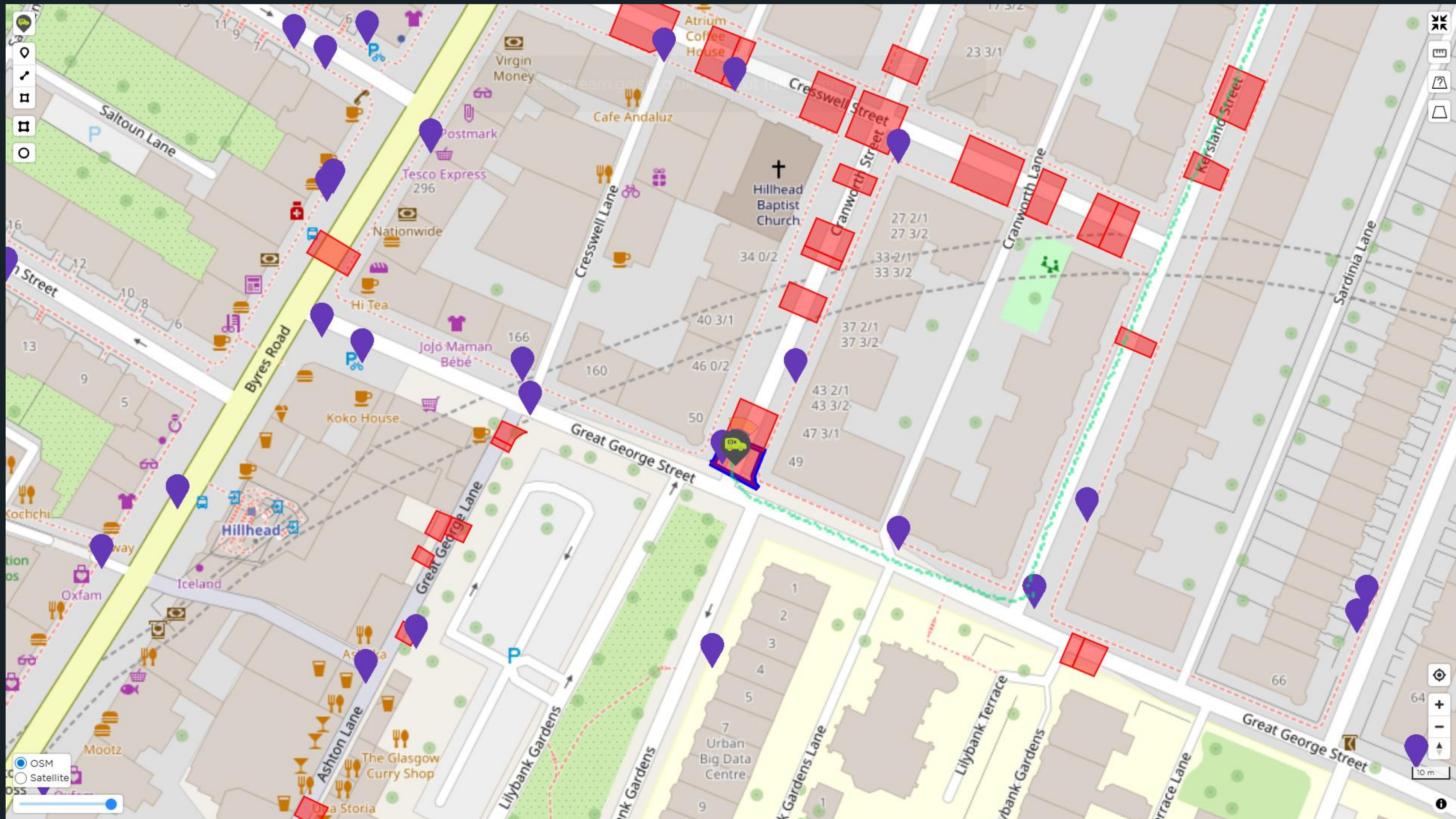
04

### Network Impact & Valuation

Assess Deterioration (due to SW)

Asset Valuation & Reporting of Depreciation

Support Funding Bids & Transparency Reports



Datasets Filter

Search For Dataset

Clear All

**Recent Datasets**

- Glasgow CW 2025
- Street Works v2

- Condition Data
- Asset Inventory - 2024
- SafetyView
- Sample Data
- MasterMap
- Street Works v2
- Archive
- 2024 Video
- Glasgow Permits
- Schemes

Map List POI Zoom :17.8 Search what3words

OSM Satellite



Dataset Feature Records Record

### Unnamed feature

[Area Summary](#) [Edit](#)

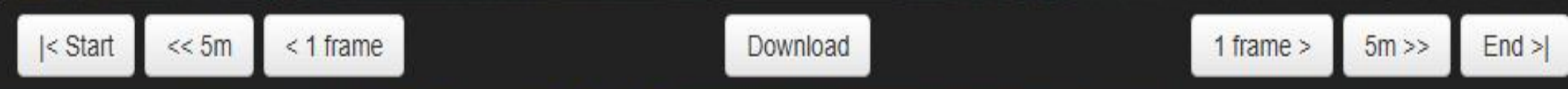
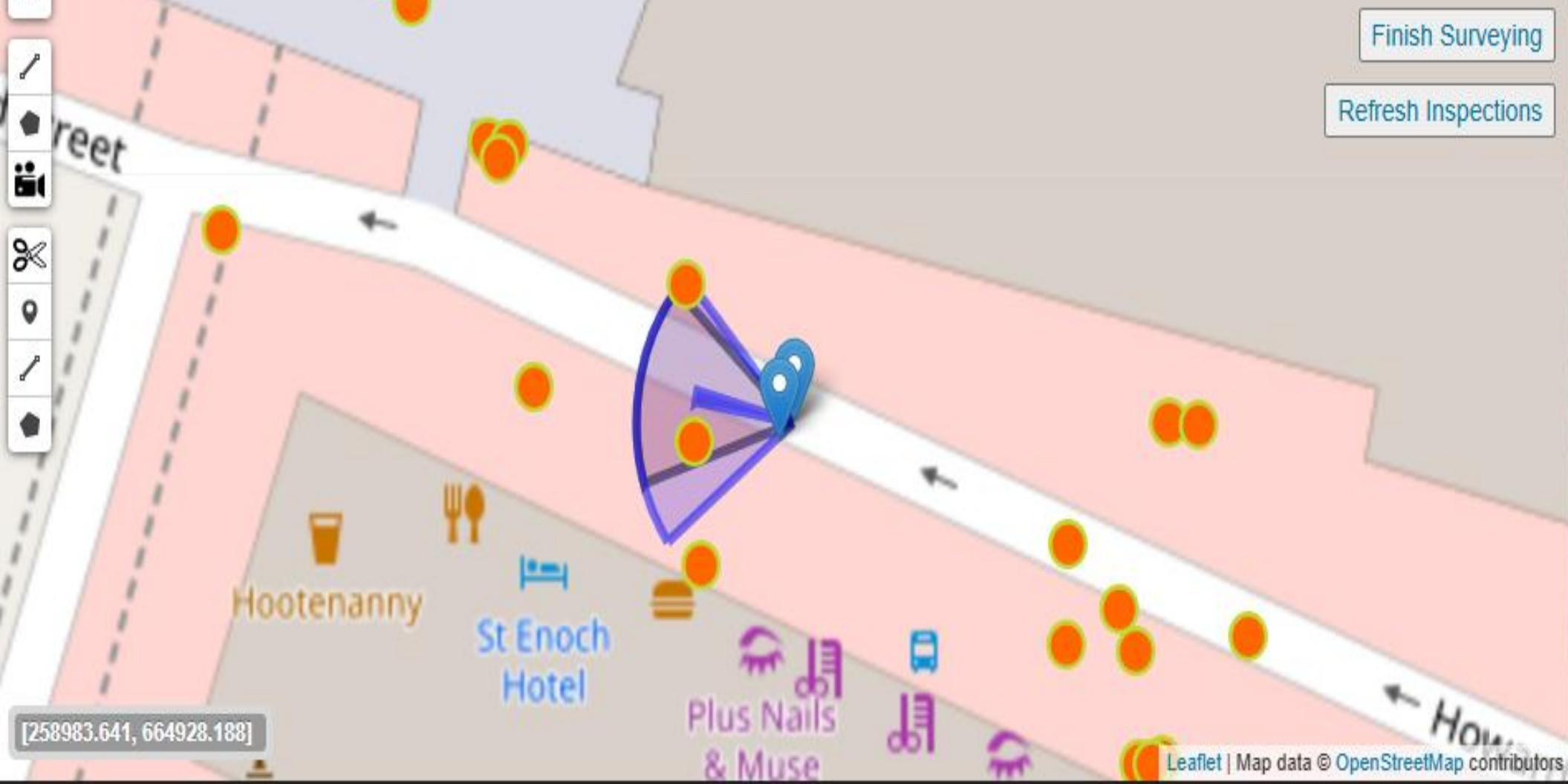
road_no:	
road_name:	Cranworth Street
road_class:	Unclassified
grade:	5
grade_desc:	Structural or severe surf impairment
damages:	Fretting, Cracking - Cra. Cracking - Wheel Track Cracking, Subsidence, Reinstatement, Patching Vegetation, Ironwork Deterioration, Cracking Coarse Cracking, Cracki Arc Cracking
damage_wd:	Full Carriageway Width
damagearea:	94.5111606754192
surface:	Bituminous

Tue May 13 2025 14:35:57 GMT+0100 (British Summer Time)









is\_deleted : FALSE  
Joint Deterioration : Grade 2  
length : 2.5  
Lining Affected : Yes  
Lining Replaced : No  
Location Updated : N/A  
location\_t : 100 CARRIAGEWAY XY  
COORD=256353/665678  
phase\_numb : 1  
registered : TRUE  
reinstated :  
reinstatem : 2  
reset\_warr : FALSE  
Resurvey : True  
site\_base\_ : 0  
site\_locat : 1

Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox



|< Start

<< 5m

< 1 frame

Download

1 frame >

5m >>

End >|



**START SURVEYING**

**Asset Details**

Asset Type: Reinstatement POINT v2  
activity\_i: 1003166  
Affecting surrounding carriageway: Yes  
Cracking: Grade 1  
created\_da:  
DateOfInspection: 2026-02-19T04:32:47.904+00:00  
depth\_code: 1  
g\_id: 4202  
[View Image](#)  
inspectorId: 392  
is\_deleted: FALSE  
Joint Deterioration: Grade 1  
length: 1.2  
Lining Affected: No  
Lining Replaced: N/A  
Location Updated: No  
location\_t: 98 CARRIAGEWAY XY  
COORD=259578/665201  
phase\_num: 1  
registered: TRUE  
reinstated:

search for address...

[Finish Surveying](#)

[Refresh Inspections](#)

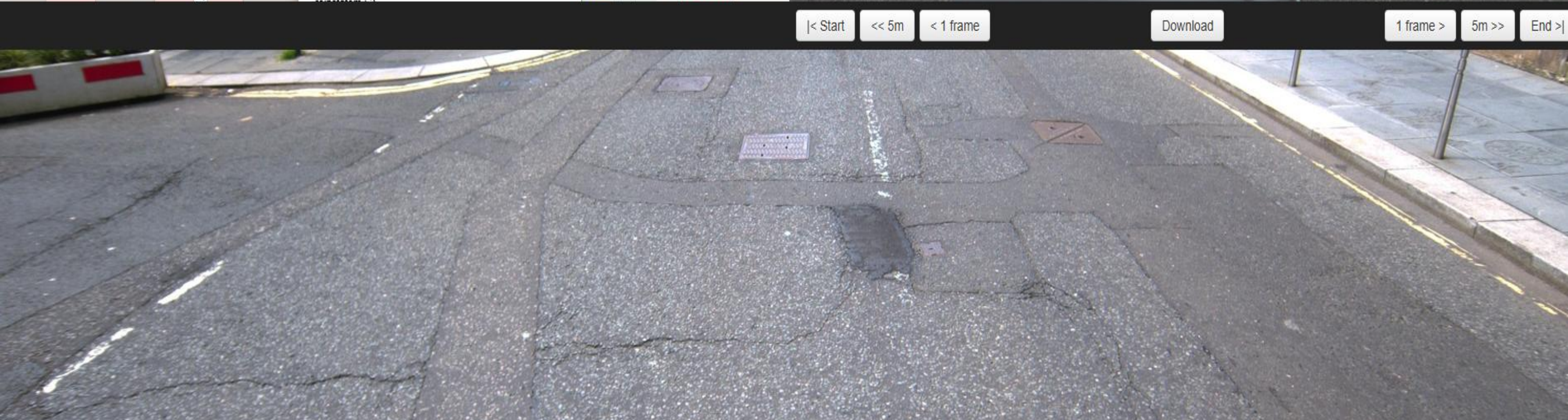
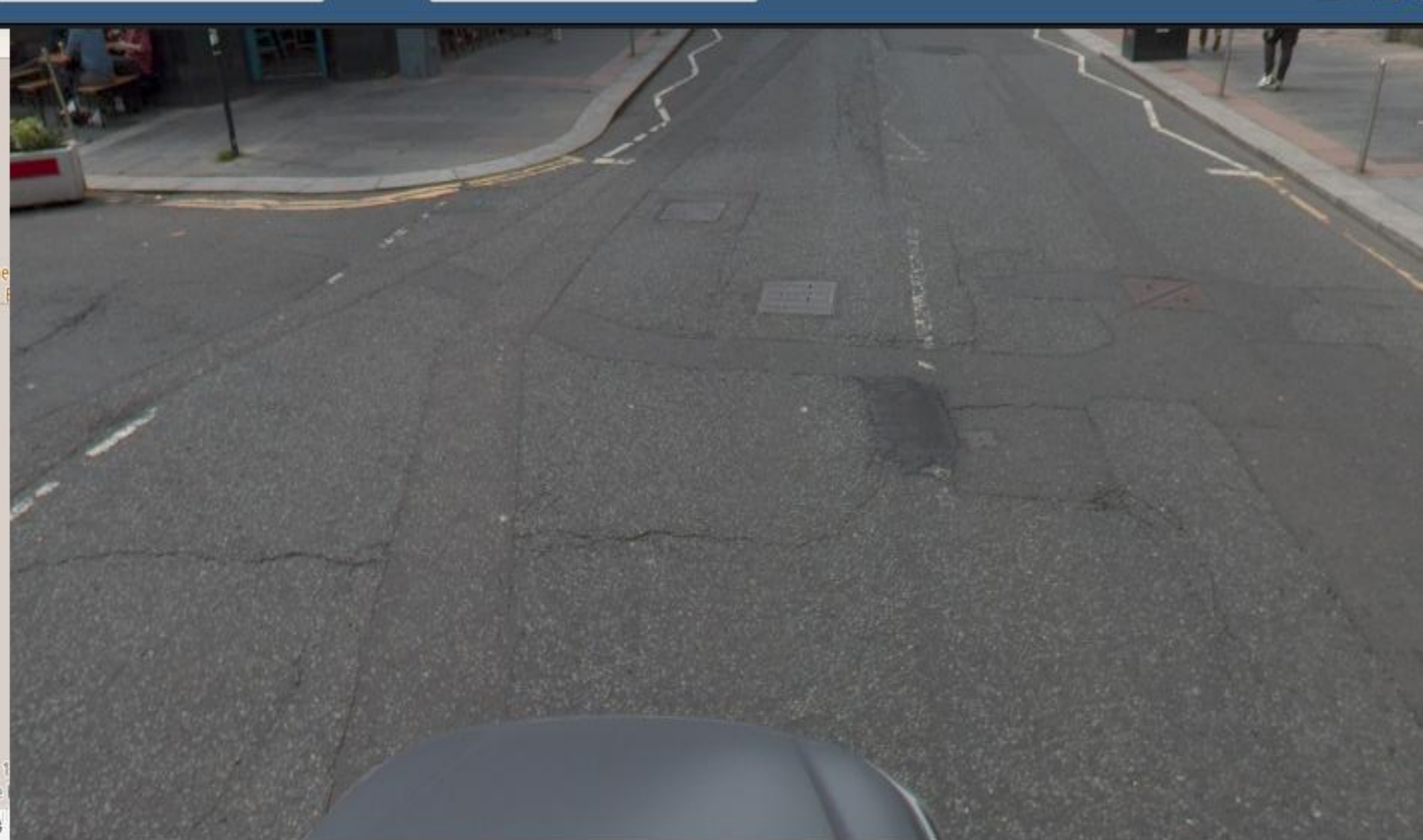
Wheatley House

Montrose Street

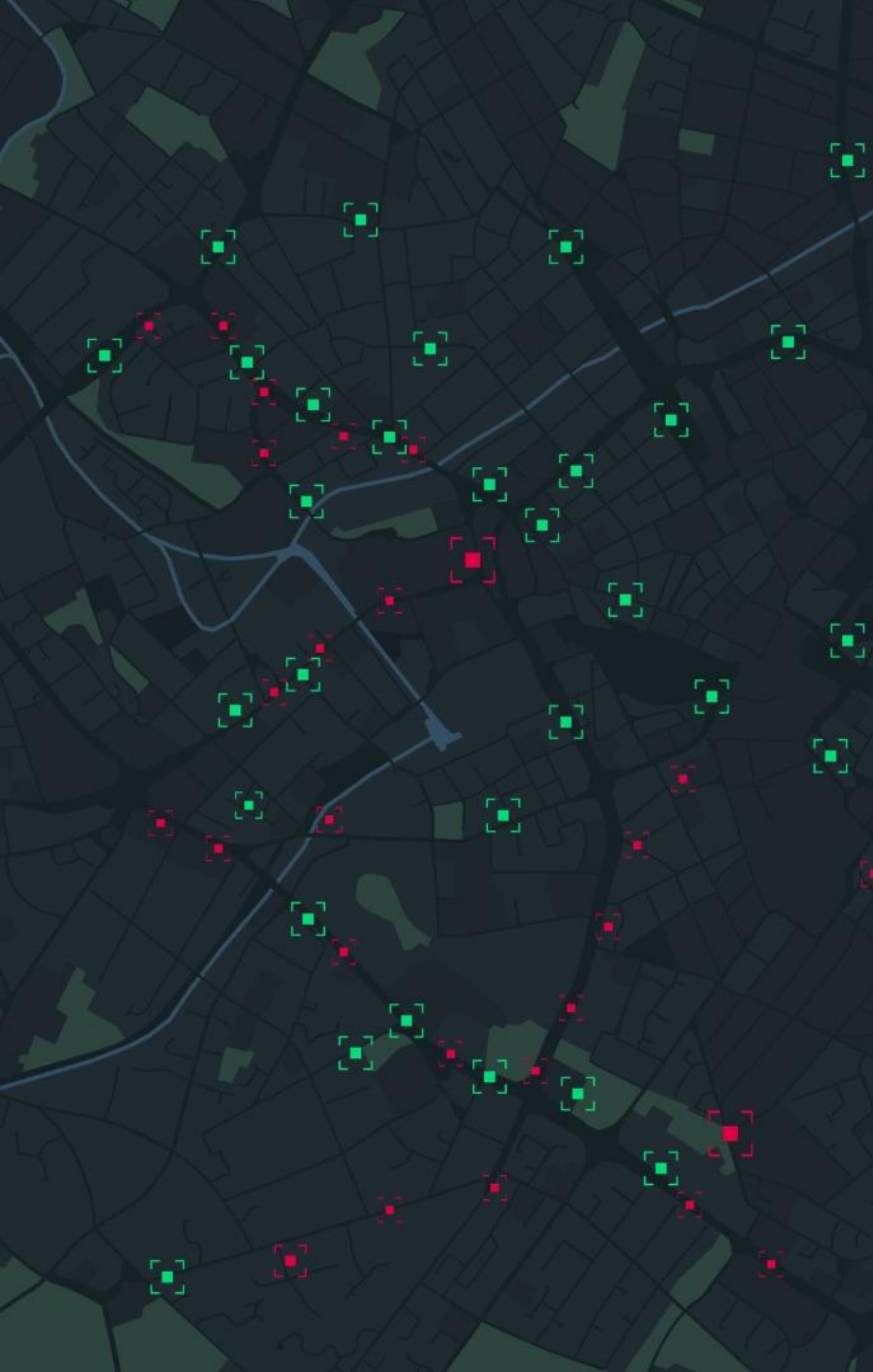
Suited & Booted

[259603.292, 665242.129]

Leaflet | Map data © OpenStreetMap contributors



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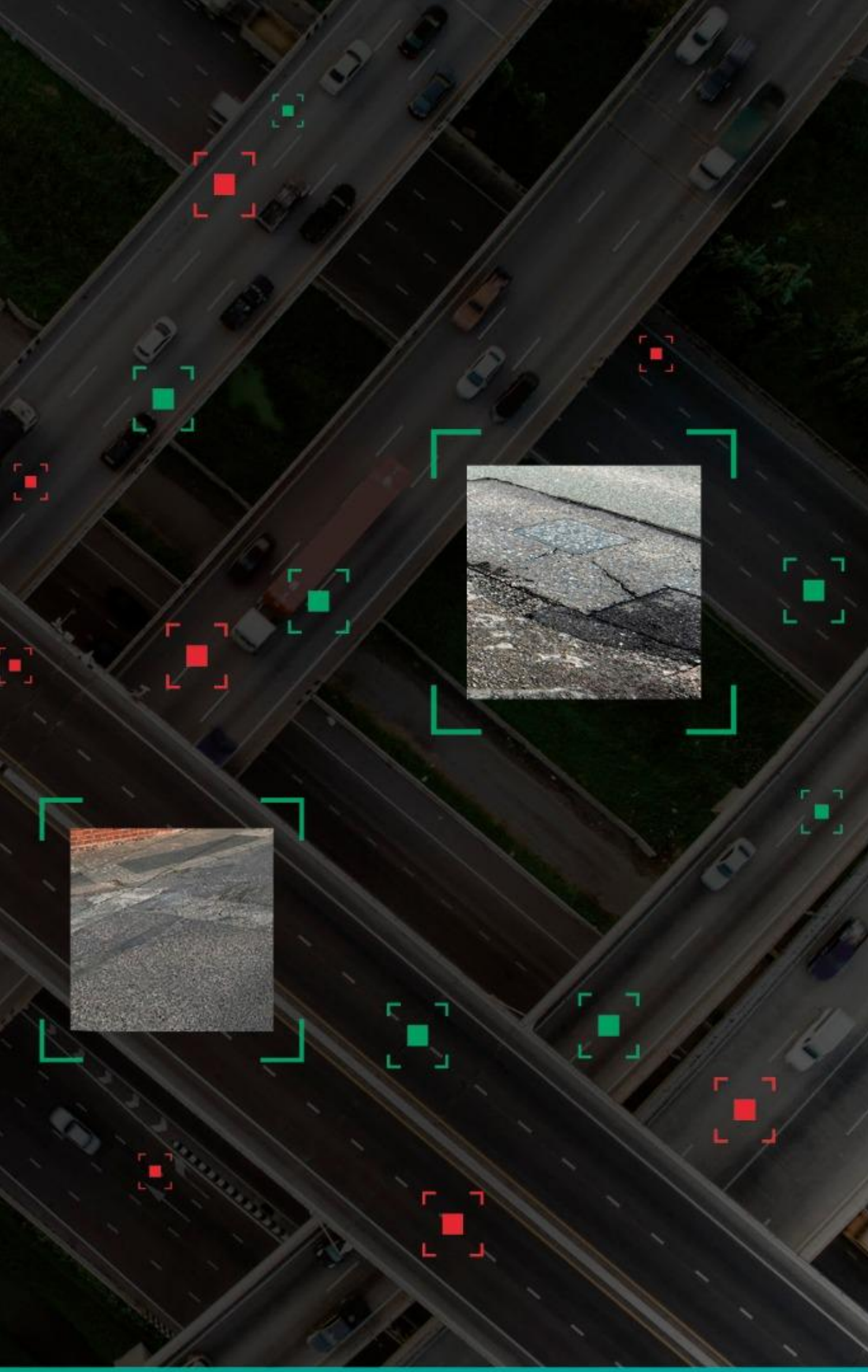


## Full Network Visibility

- Move from sampling to near-total coverage
- Every streetwork captured and assessed
- Eliminates inspection blind spots

## Early Defect Detection

- Identify defects during warranty period
- Prevent escalation into major failures
- Reduce safety risks and complaints



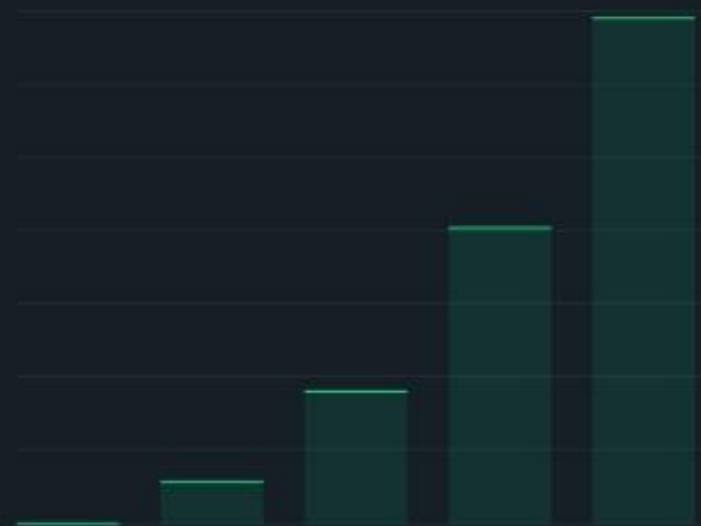
## Warranty Enforcement

- Flag defects within and outside warranty
- Maximise cost recovery from utilities
- Reduce financial burden on councils



## Efficiency Gains

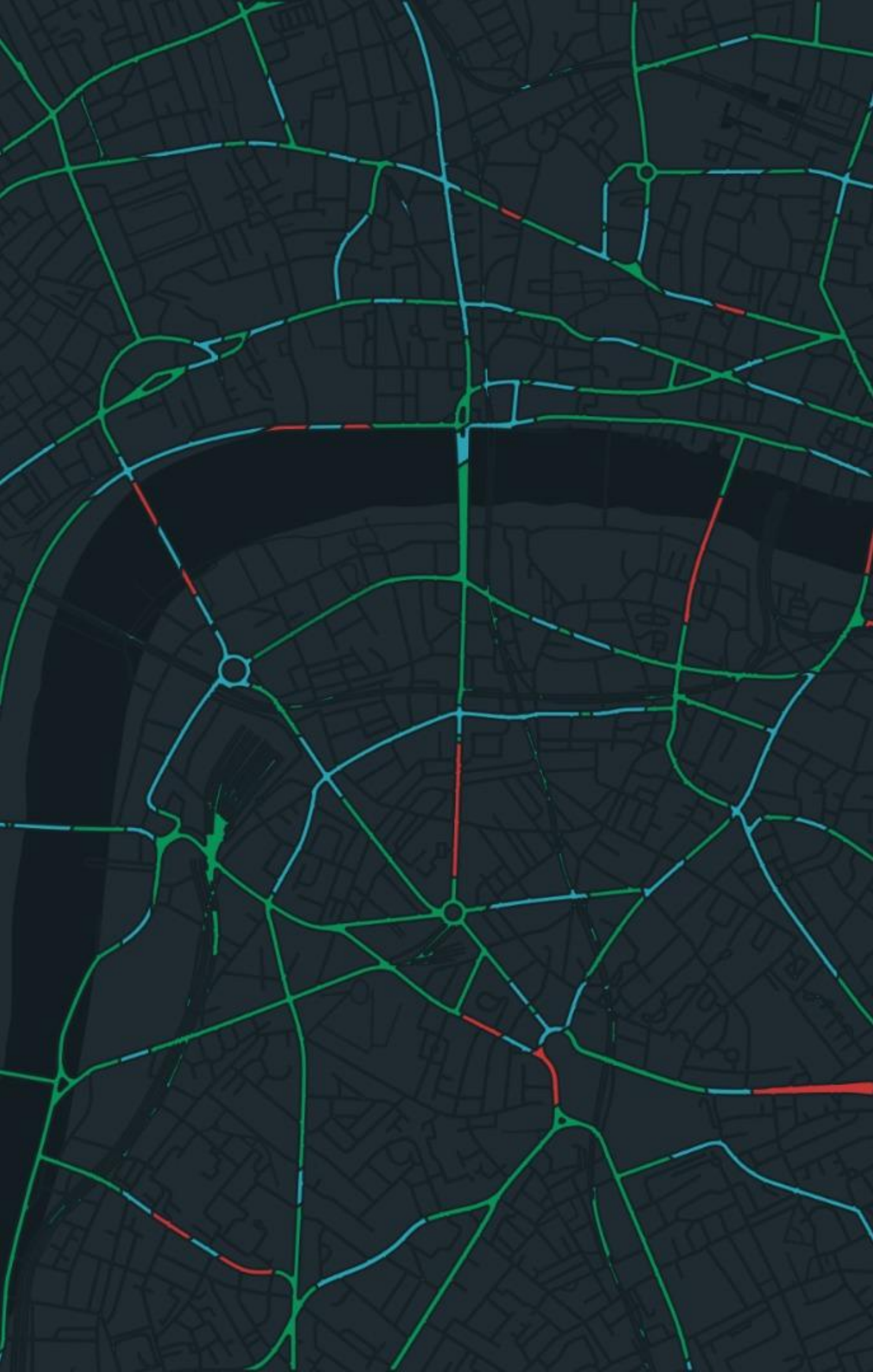
- Reduce need for site visits
- Inspectors focus on priority issues
- Higher productivity with same resources





## Benefits

- Flag defects within and outside warranty
- Maximise cost recovery from utilities
- Reduce financial burden on councils



## Network-Level Insights

- Analyse performance across utilities
- Compare contractors and materials
- Support data-driven decisions

# A first for the UK & Ireland



## Summary

This revolutionary new service reduces costs, improves compliance, and enhances public confidence.

For utility companies, it provides clear insights to reduce failures, target improvements, and demonstrate quality.

Thank You

