

Collaboration, Lane Rental & The Art of the Possible or Innovation with Purpose – The Art of the Possible

Paul Dooley - SEHAUC

Andrew Fennell - 1Spatial



The SEHAUC Experience with Lane Rental

Street Manager

Intelligent Traffic Signals

RTNZ

Park Maps

Brine Application

Fault Sniffer

Rapid Cure Concrete

Kennington Road Widening

Reduce Roadworker Abuse

Drill & Dust

1Spatial

Turbo Roundabouts

Origin No Dig

BVLOS

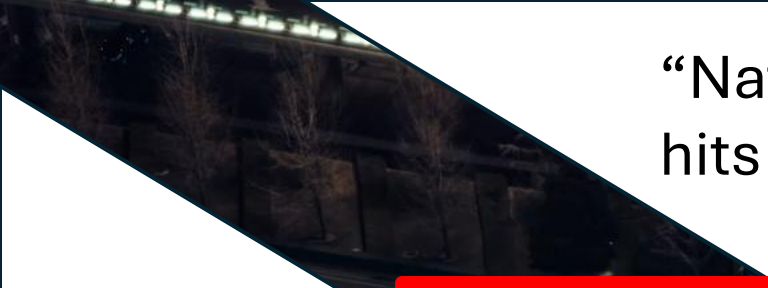
Hydroraft

HAUC UK

Vehicle Restraint System

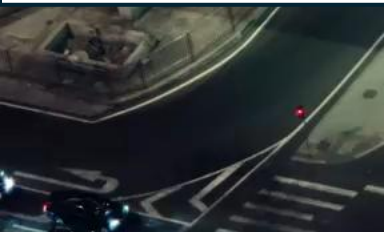
Smarter Winter





“National Disgrace: Pothole repair backlog hits record £18.6bn...” *The Guardian*

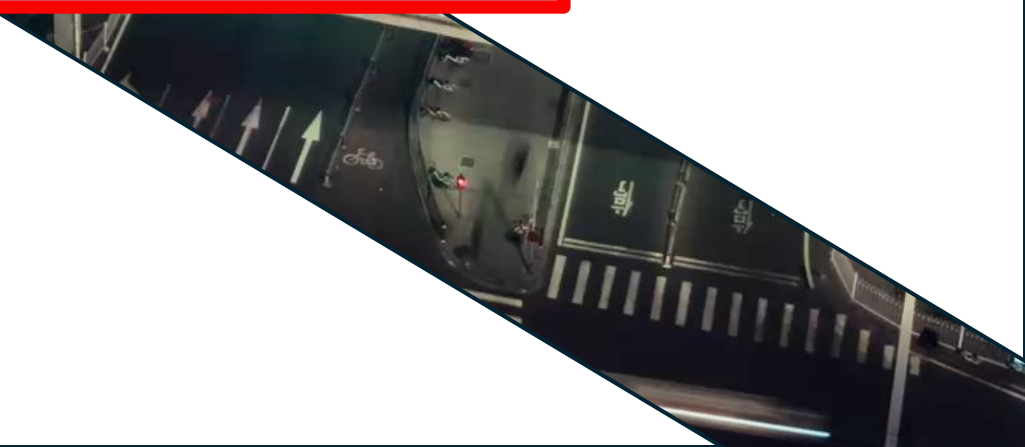
“Pothole wrecked
transport secretary
car amid UK road
msn



Pot Holes Collaboration Volume of Works

ted in
ded to cut
n
’t they just do it
same time?”
User

“MPs call for better coordination to stop repeated disruption” *Transport Select C’tee*



Pot Hole Proposal - Lane Rental as an Incentive

Concept

- Assess potholes during promoter's existing works
- Repair during reinstatement



Limitations

- 2-way lights-Road Closures
- >3day Durations
- Lane Rental & TS Streets



Expectations

- Competent Promoter Reinstatement Contractor
- Robust auditing/recording



Benefits

- More repairs, less repeat works
- Lower Costs/Waive LR Fees
- Better Collaboration
- Improved Public Perception





streetworks

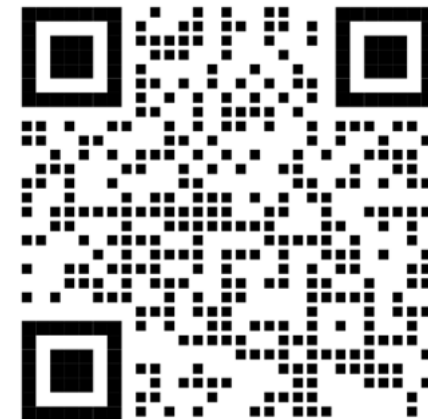
Repairing Road Defects (potholes)
for free...



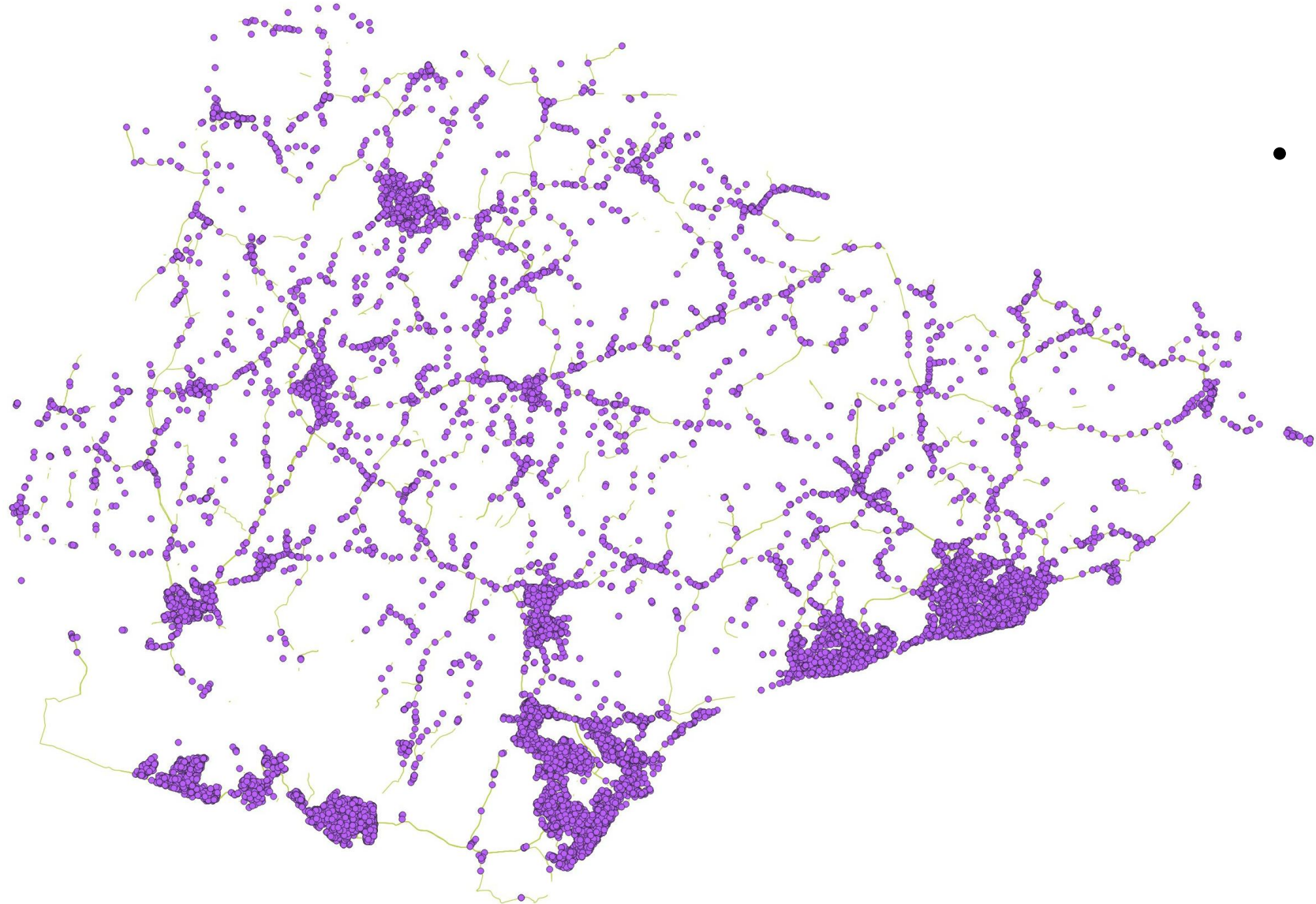
East Sussex – road defects



- This is not **AI** it is geospatial engineering!
- Defects – 19,564

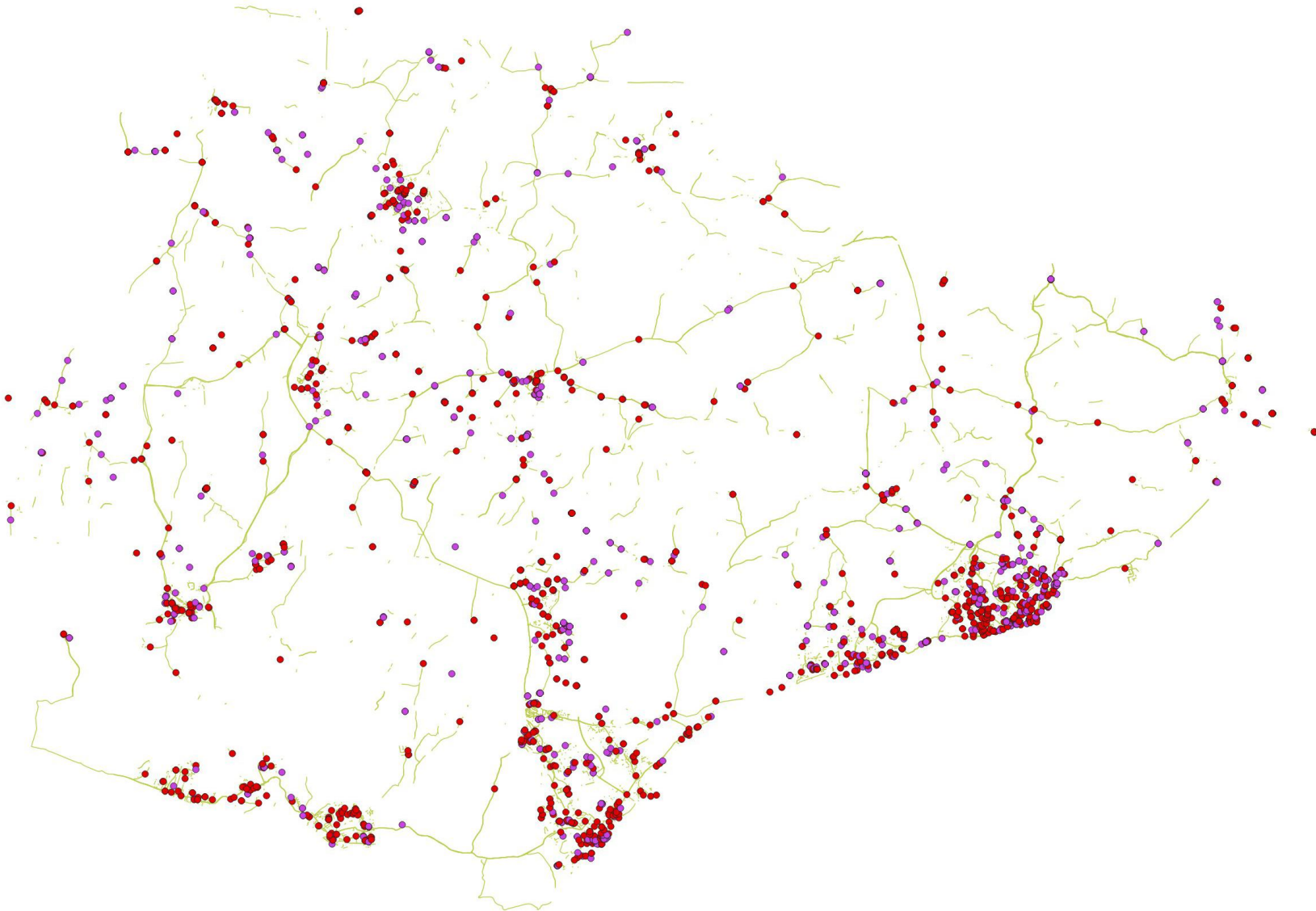


East Sussex – Permits



- **Permits – 23,731**

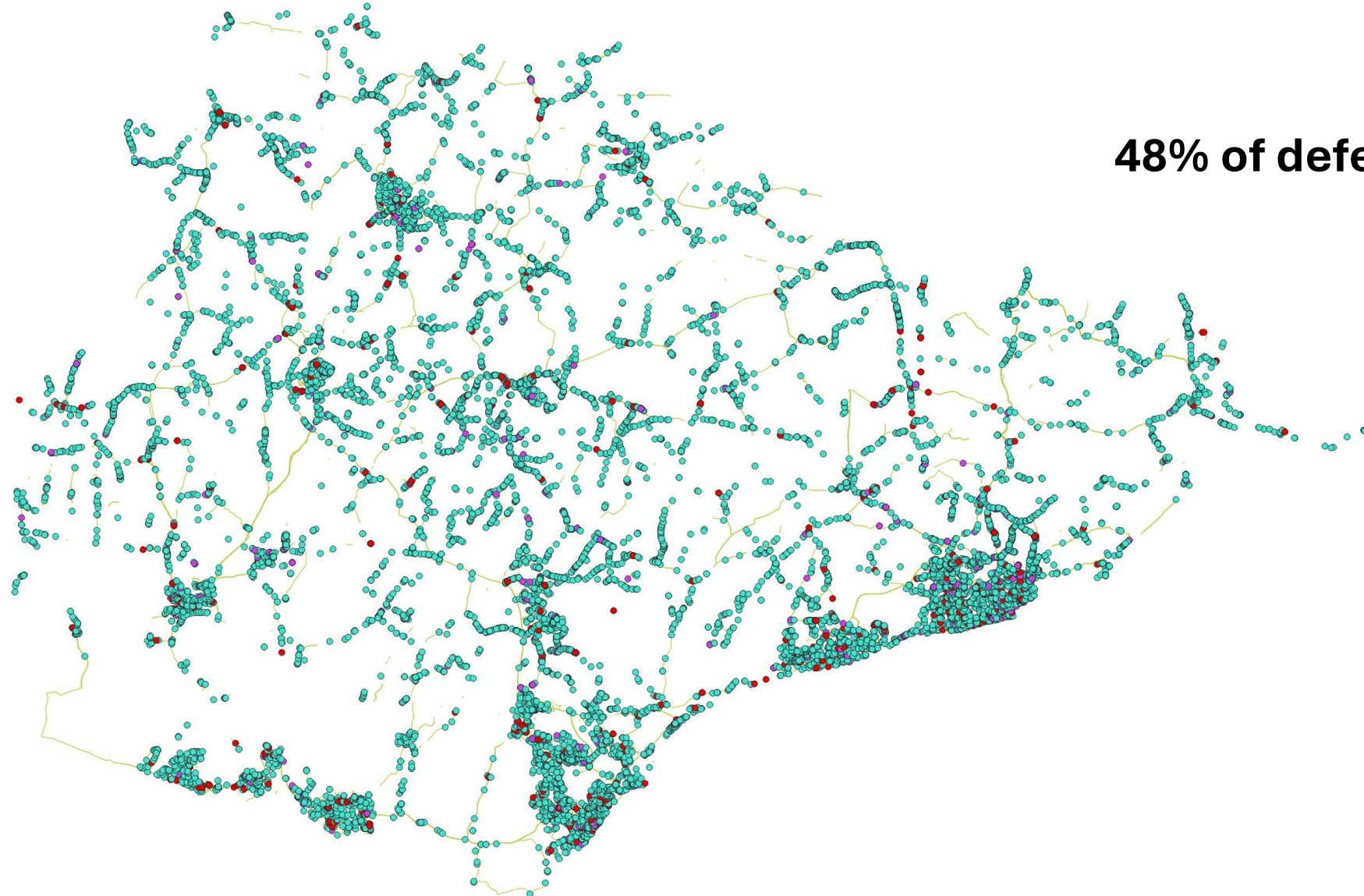
Working Together



- Within a 5 metres
- 37% road defects repaired per annum though collaboration
- Carriageway Type - repairs last longer
- Collaboration incentives
- Existing operating models versus future operating models

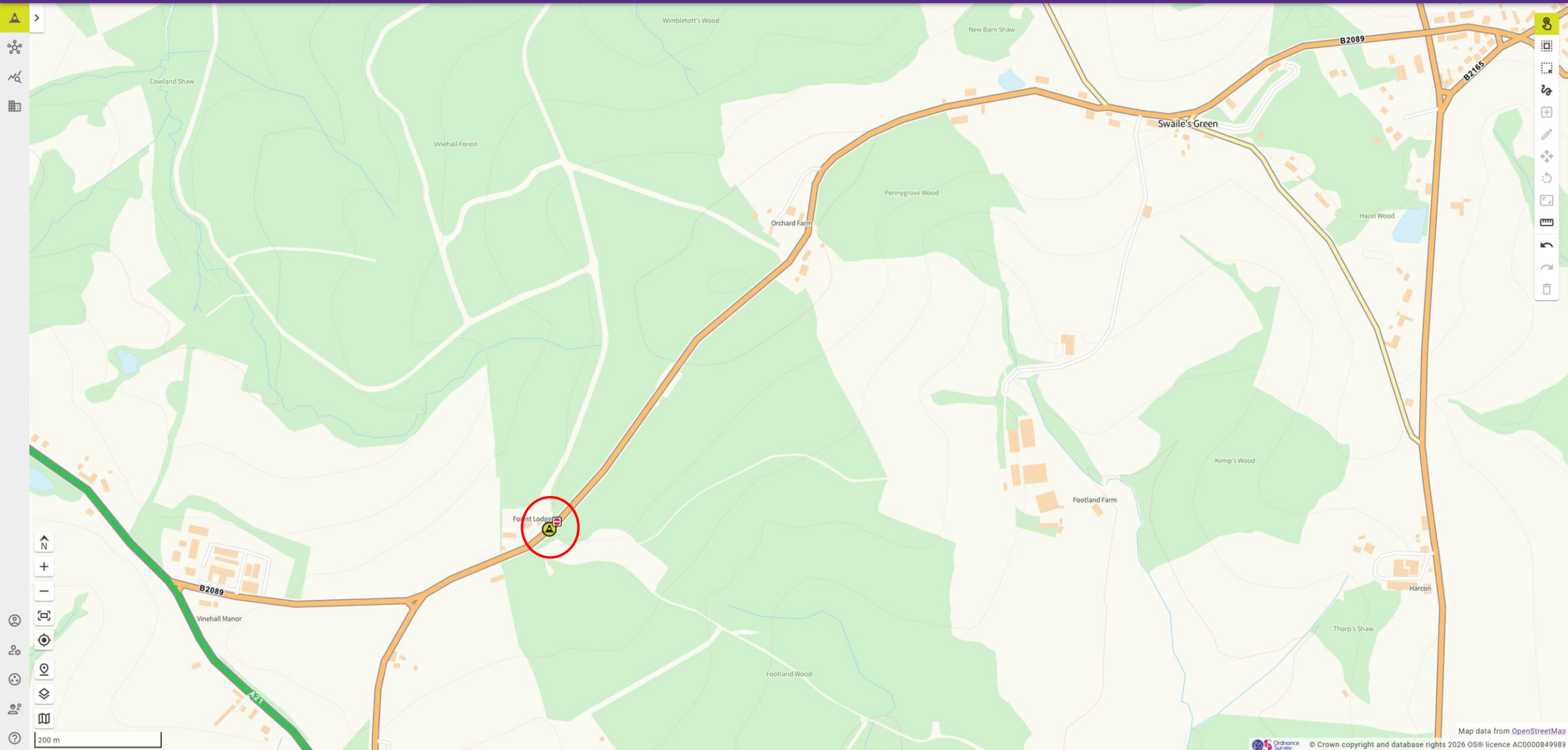
And if we're really went for it...!

48% of defects repaired per annum



HAUC^{UK} | **40** yrs

- Environmental sustainability
- Community
- Infrastructure
- Technology, innovation data and decision making
- Consistency and Collaboration



Forest Lodge

Swaile's Green

Hazel Wood

Kemp's Wood

Footland Farm

Harcon

Thorp's Shaw

Footland Wood

Vinehall Forest

Pennygrove Wood

Wimbletott's Wood

New Barn Shaw

Cowland Shaw

Vinehall Manor

B2089

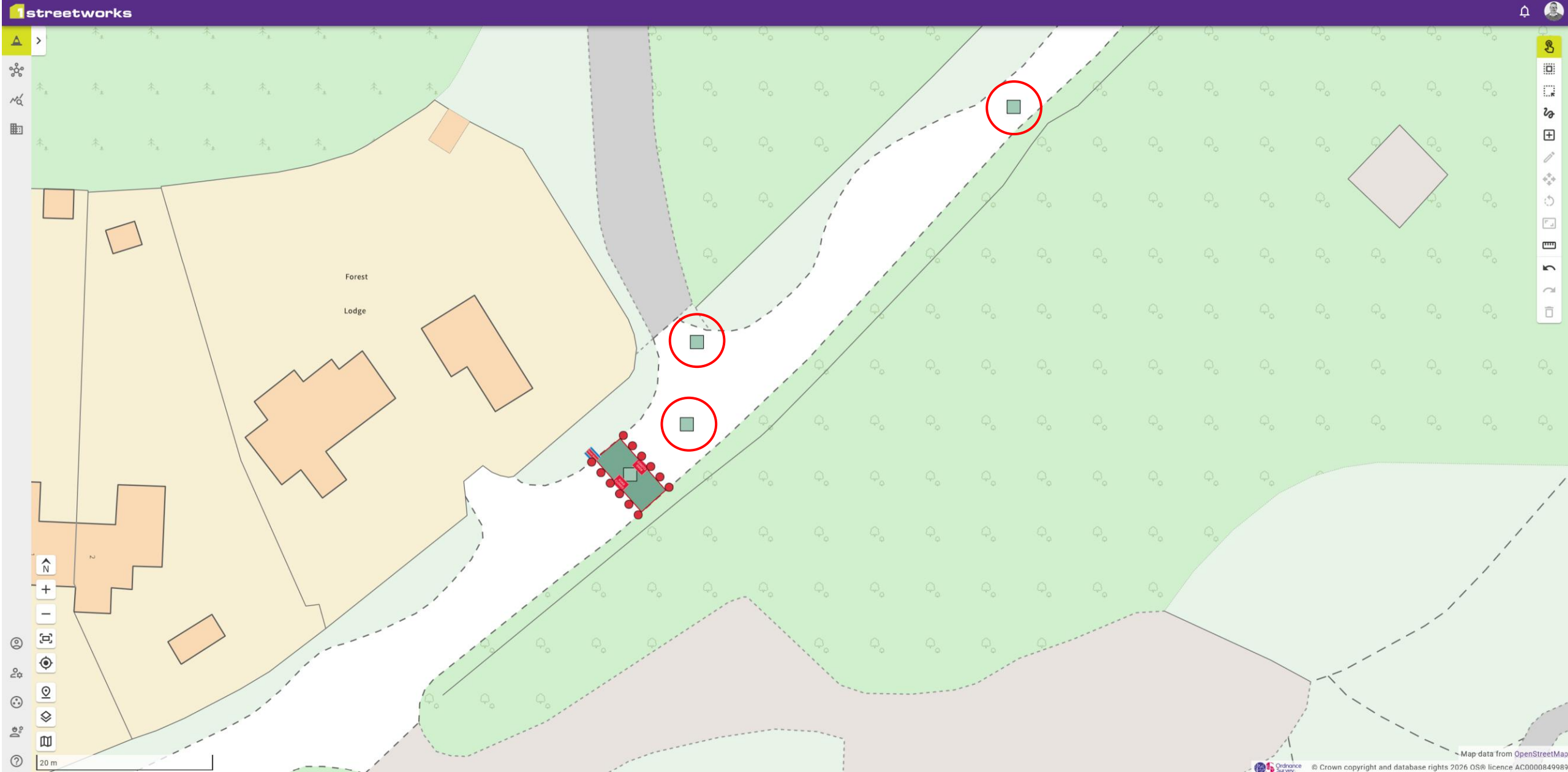
A27

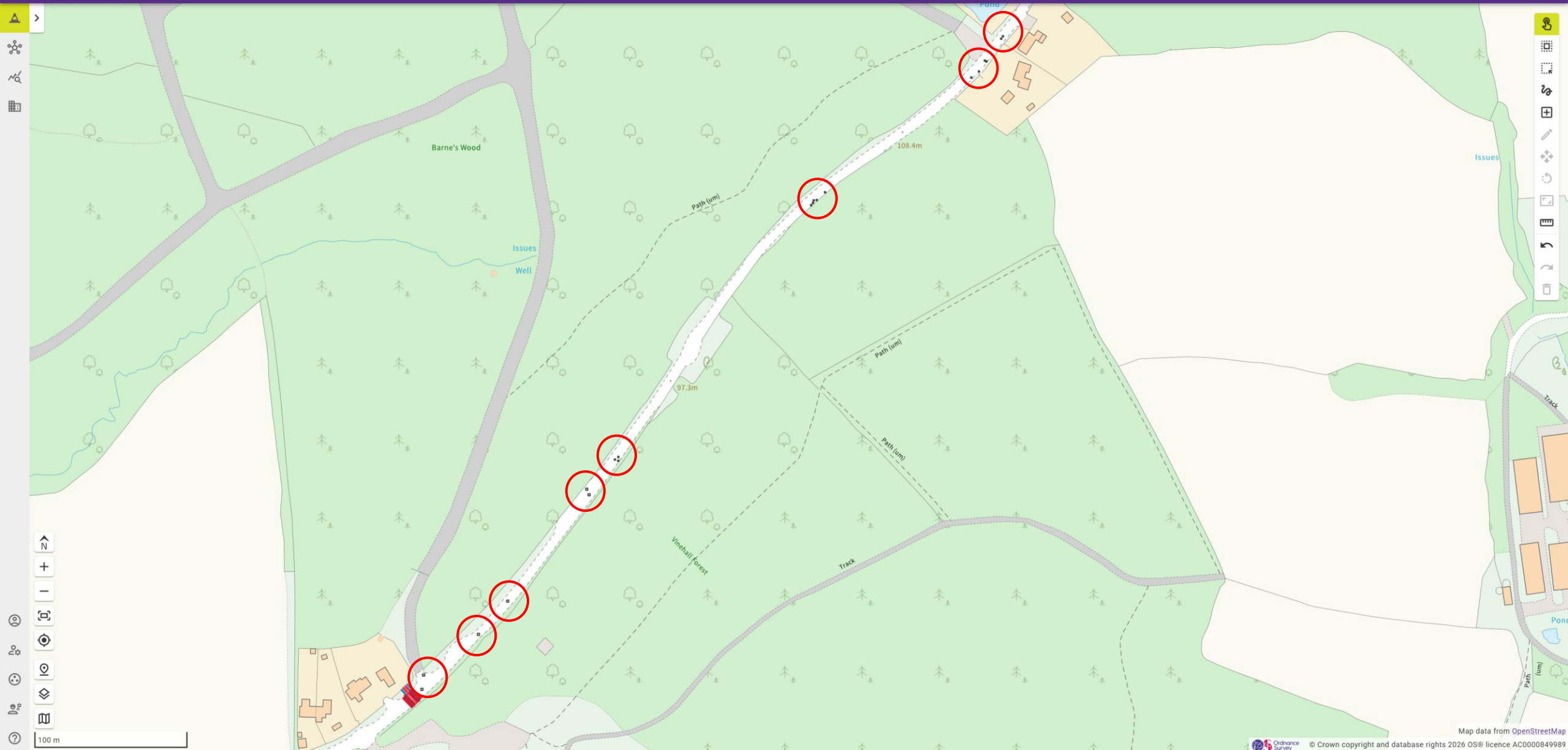
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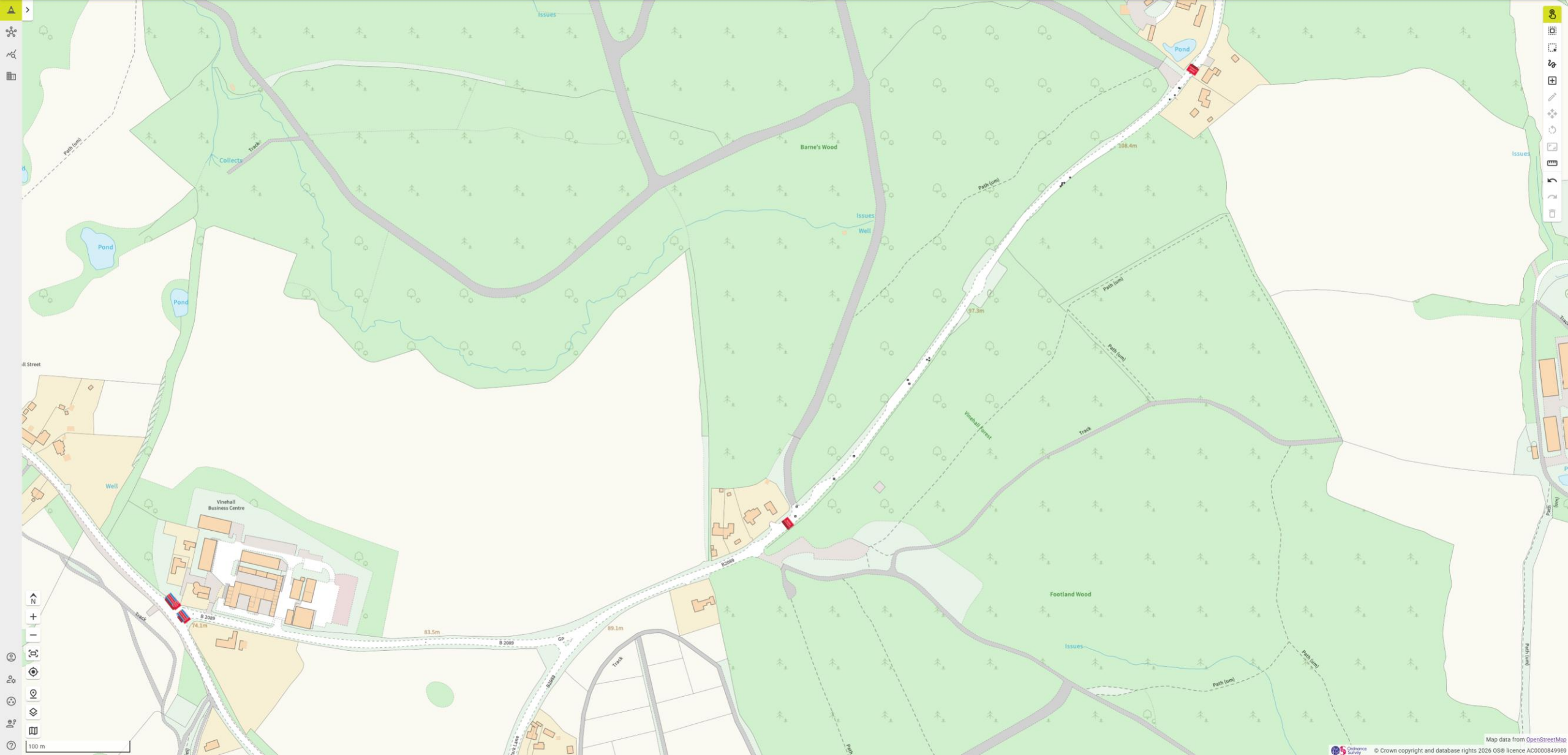
B2165

Navigation and zoom controls including a north arrow, zoom in (+) and zoom out (-) buttons, a full-screen button, a search icon, a location pin icon, a compass icon, a scale bar for 200m, and a help icon.

Map editing and management tools including a layer control, a selection tool, a delete tool, a copy tool, a paste tool, a move tool, a zoom tool, a pan tool, a home button, and a refresh button.







Opportunities and Challenges

Who wins:

- The Taxpayer
- The Authorities
- The Utilities
- Businesses
- Better quality repairs

Challenges:

- Economic model?
- Works duration?
- Impact on asset owners customers?
- Liability, insurance, etc...





1 streetworks

Repairing Road Defects (potholes)
for free...





Wayne Scott

Memorial from the SEHAUC Family

Our thoughts are with
their respective families
and colleagues, at this
sad time.



Dan Leslie