

Road asset management

RoadAI at Leicestershire County Council

Richard Keep – Vaisala Xweather
Customer Success Manager

Mark Evans – Leicestershire County Council
Asset Management Specialist

VAISALA

Vaisala RoadAI

Vaisala
90 years

RoadAI
2017

25 Countries
300+
customers

PAS 2161
Accreditation
2025

4.3m KM
Road surveyed
2023

Vaisala RoadAI

DATA COLLECTION



DATA PROCESSING



DATA MANAGEMENT



VAISALA

Restricted

Computer vision



Computer vision



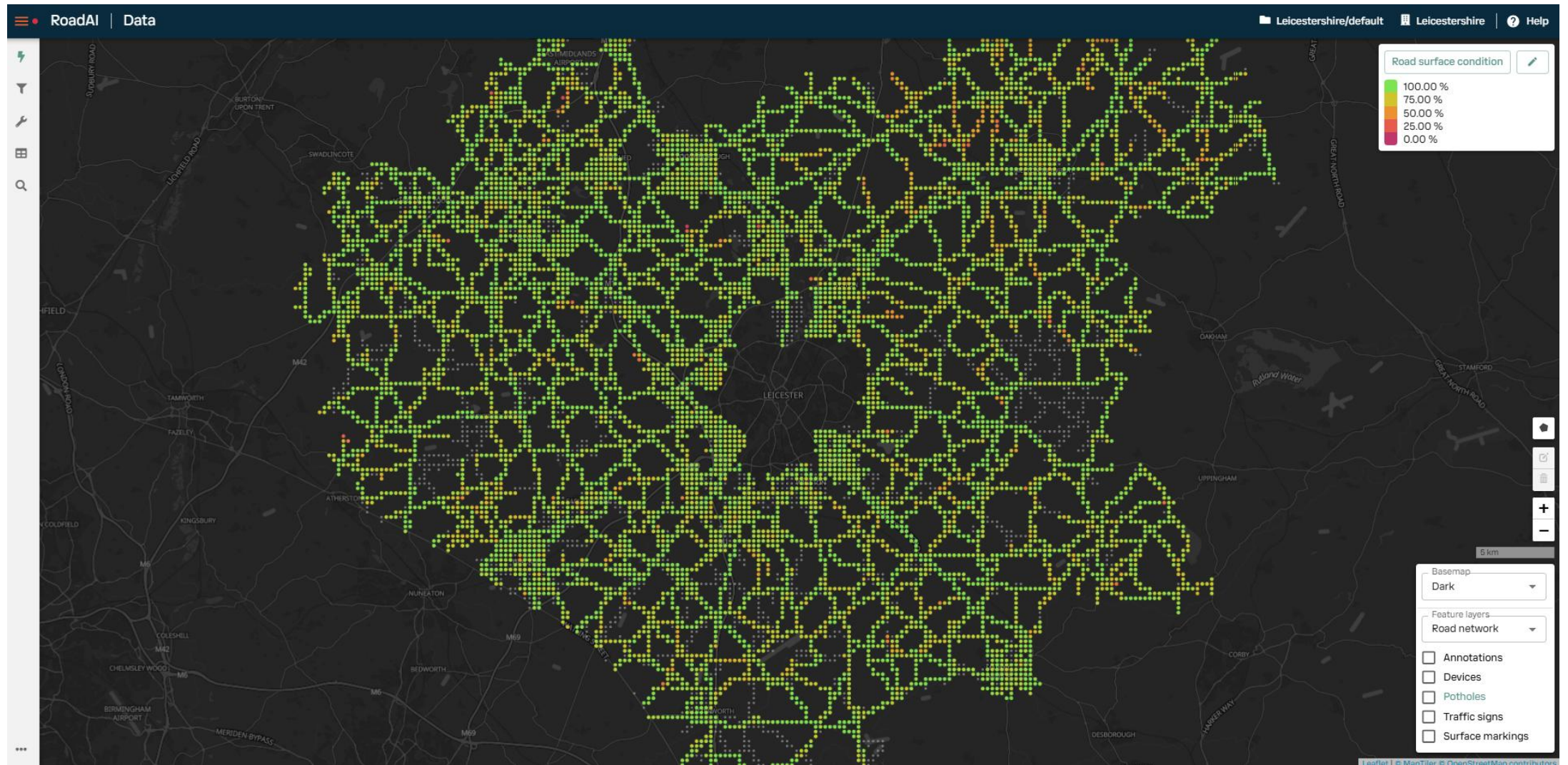
Computer vision



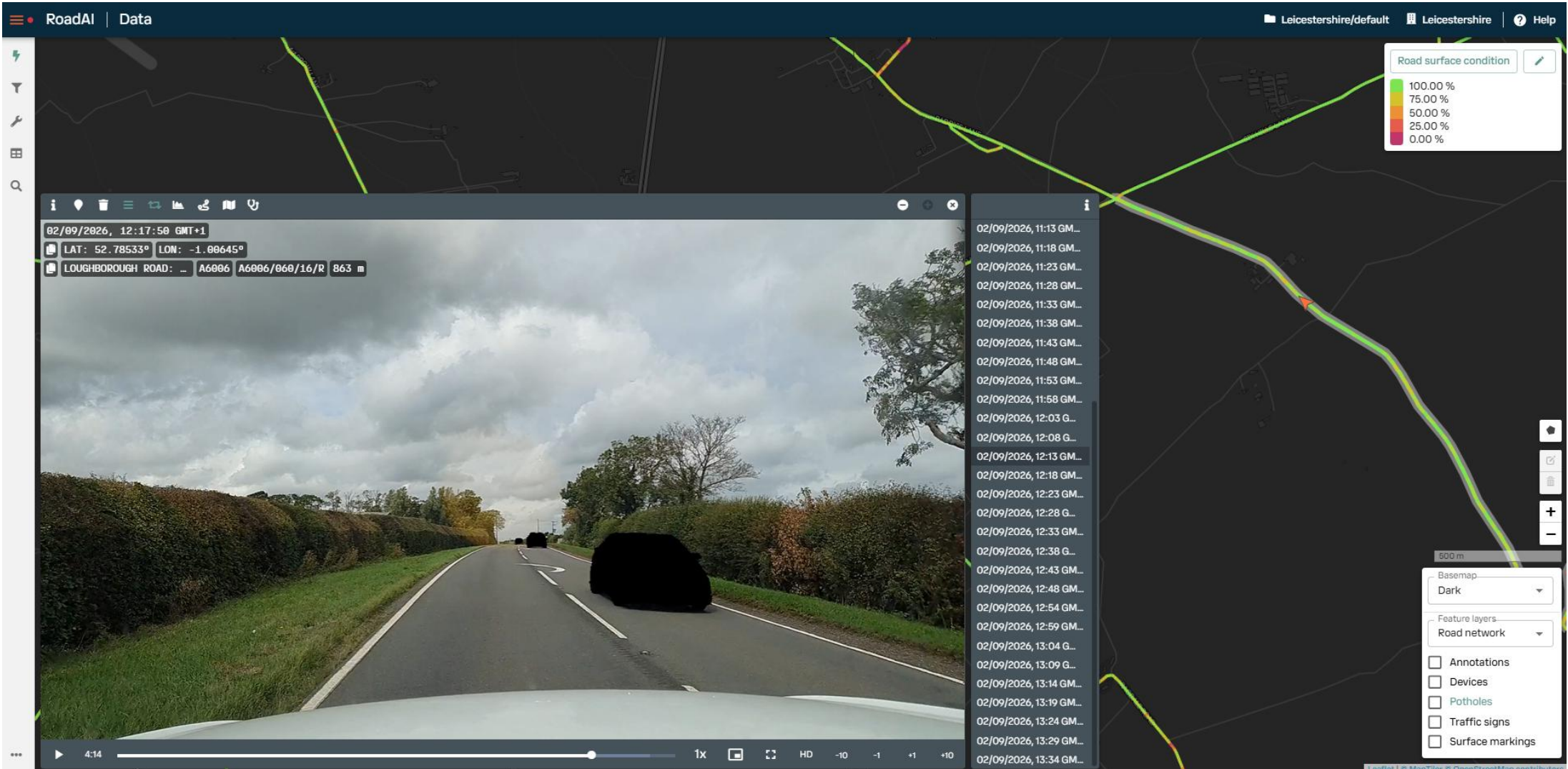
Computer vision



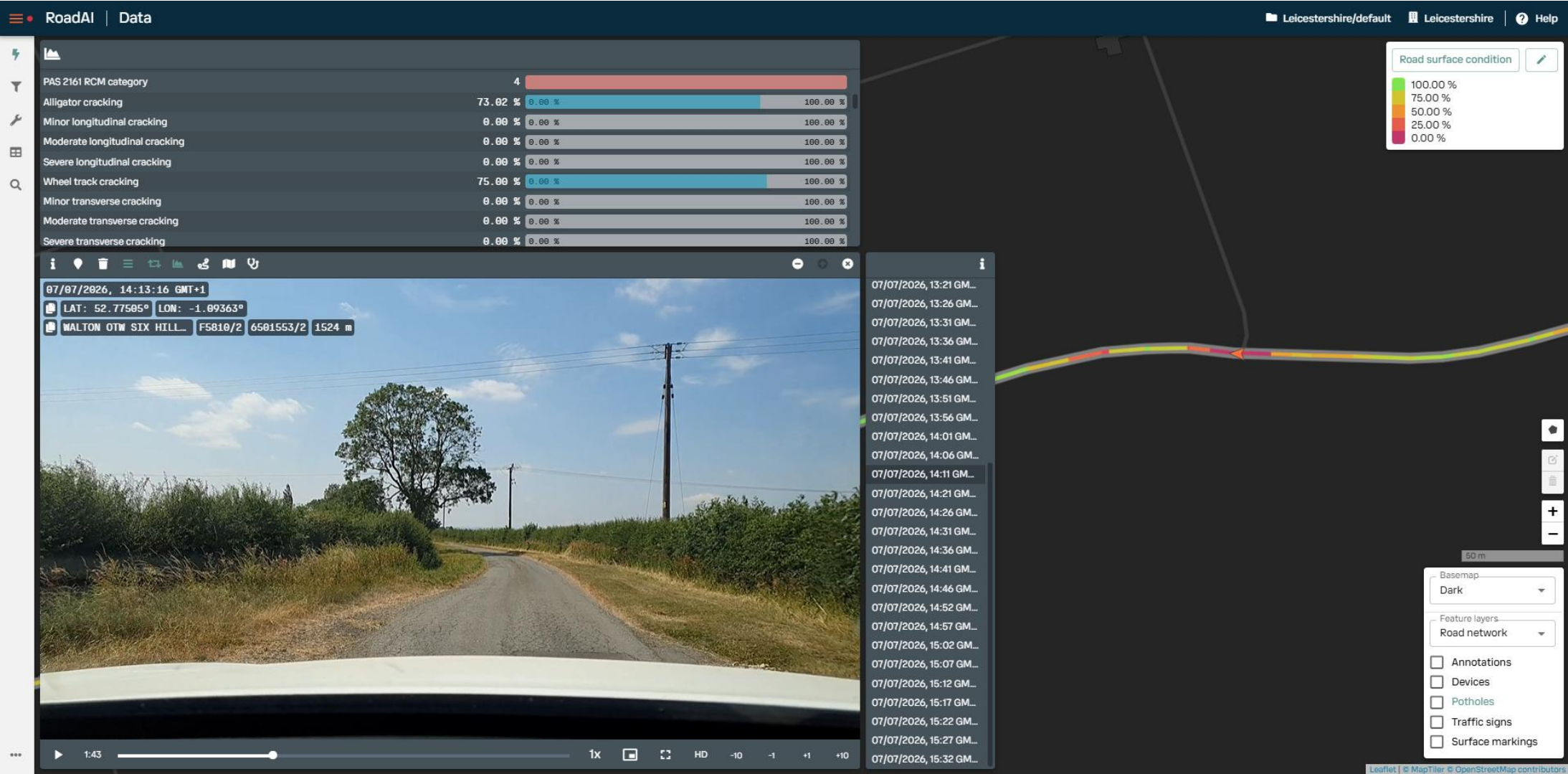
Network wide condition view



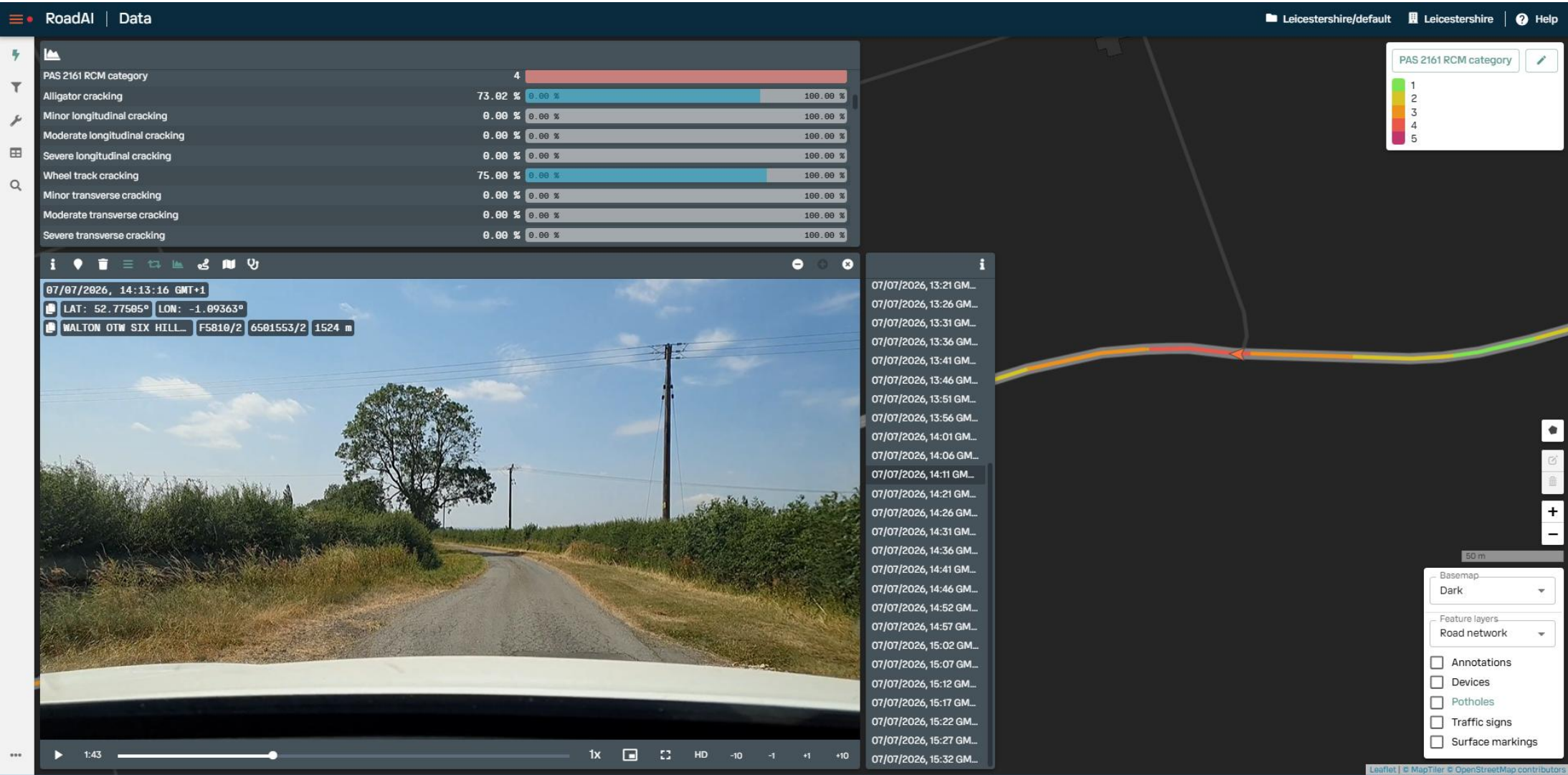
HD Video Playback



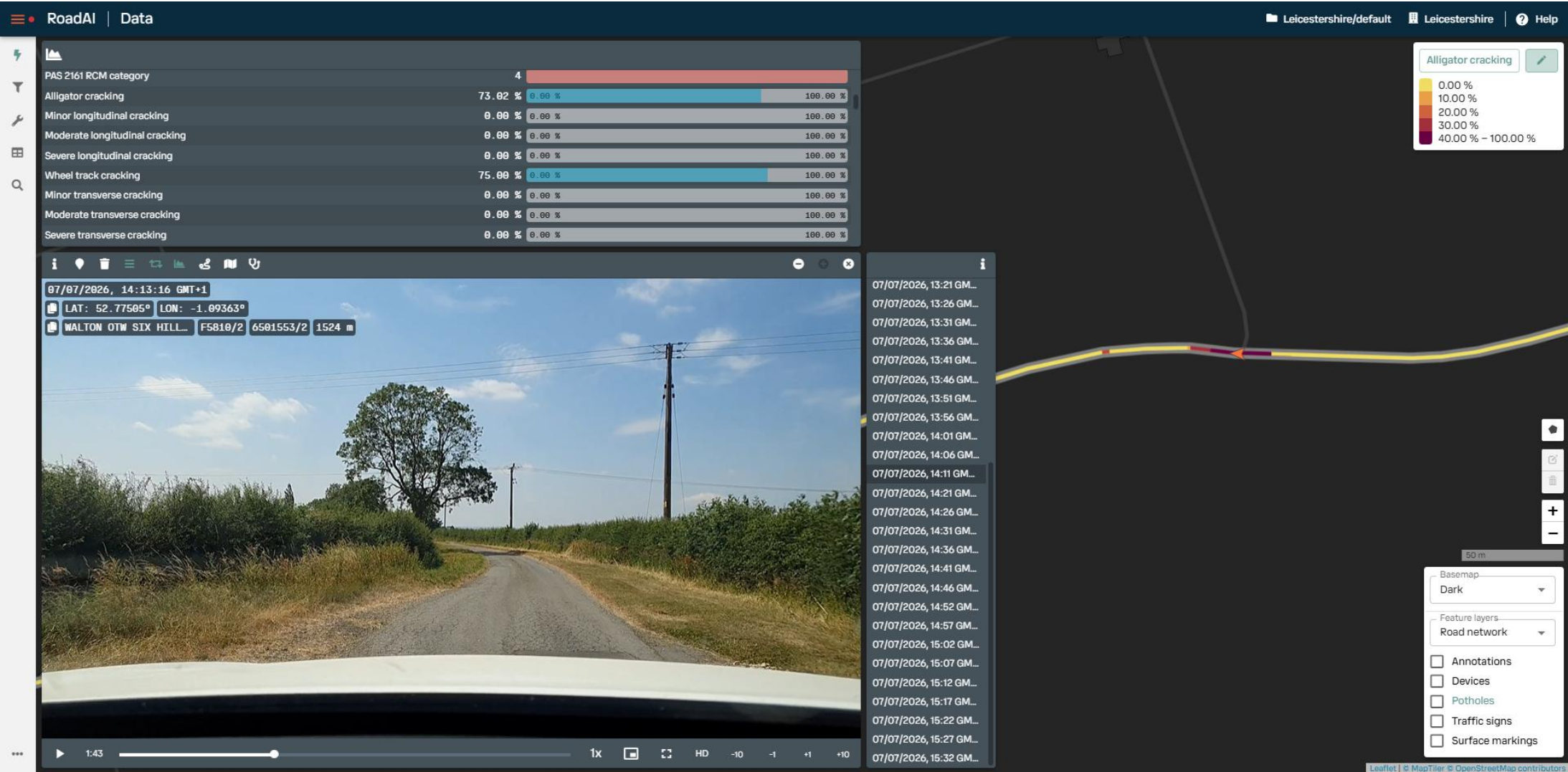
Multiple condition datasets - Road



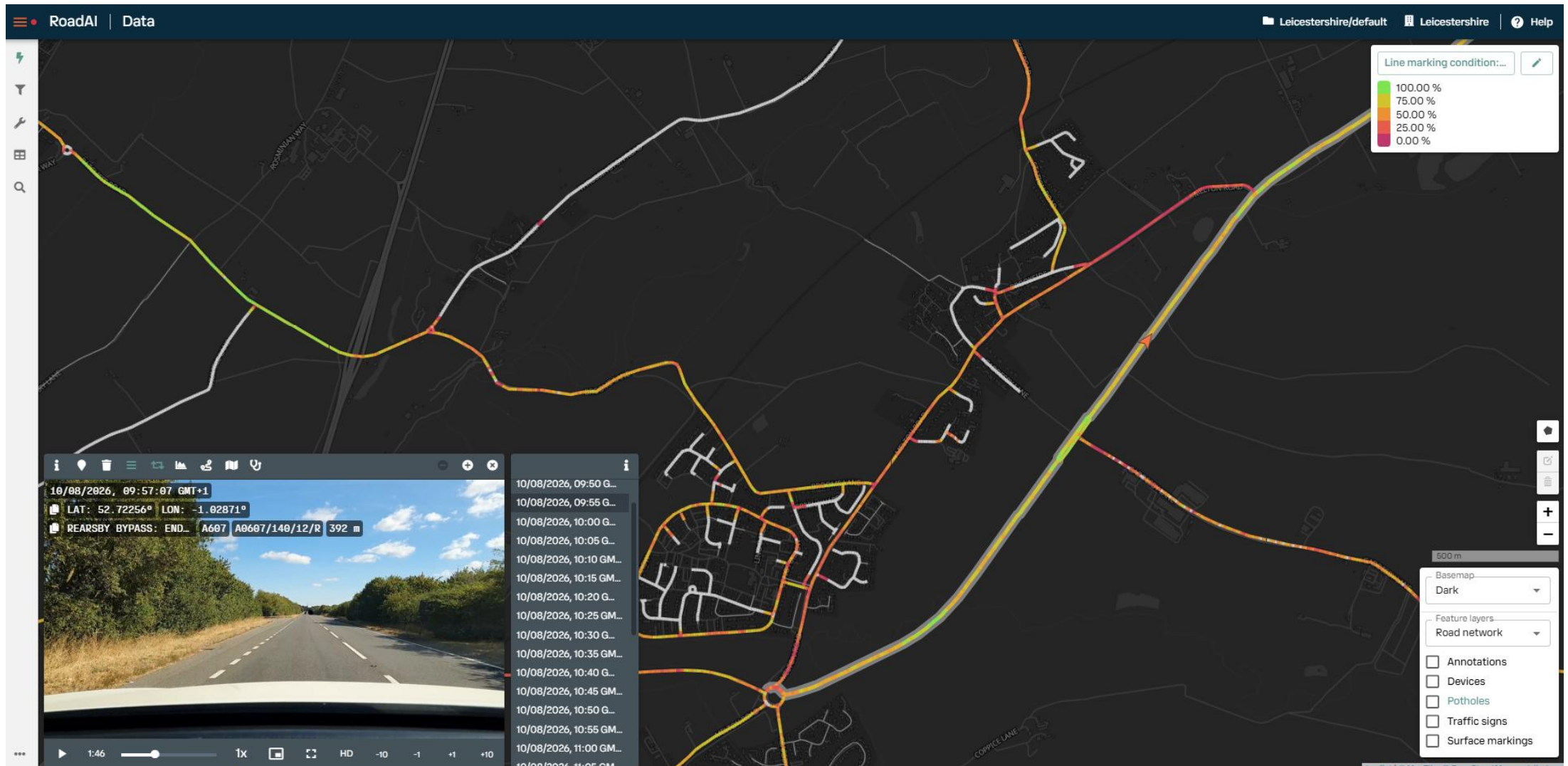
Multiple condition datasets – PAS2161



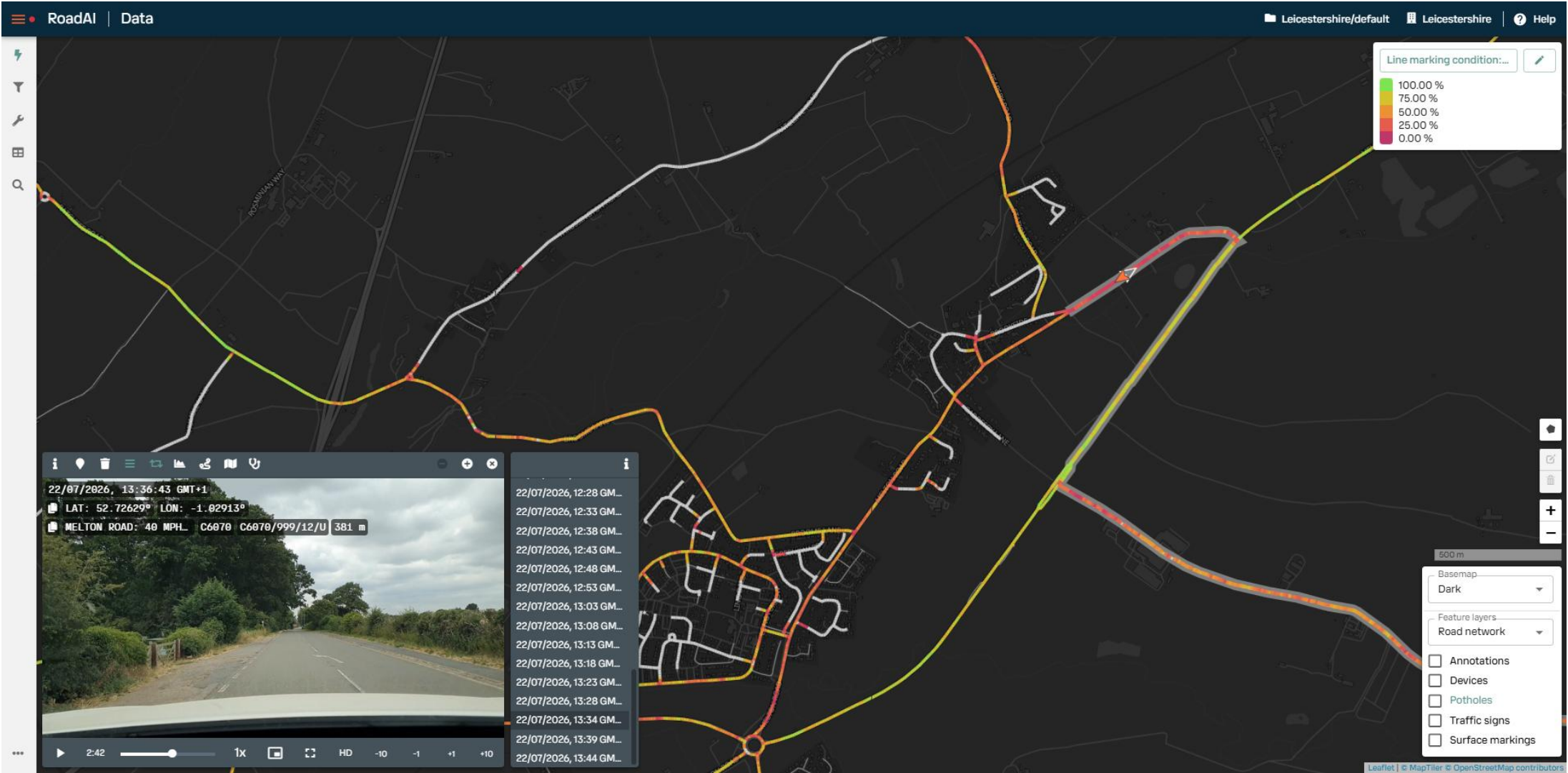
Multiple condition datasets – Defect data



Multiple condition datasets – Line Condition



Multiple condition datasets – Line Condition



VAISALA

Restricted

Surface Markings

[illegible]

Q&A

Richard Keep

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Xweather