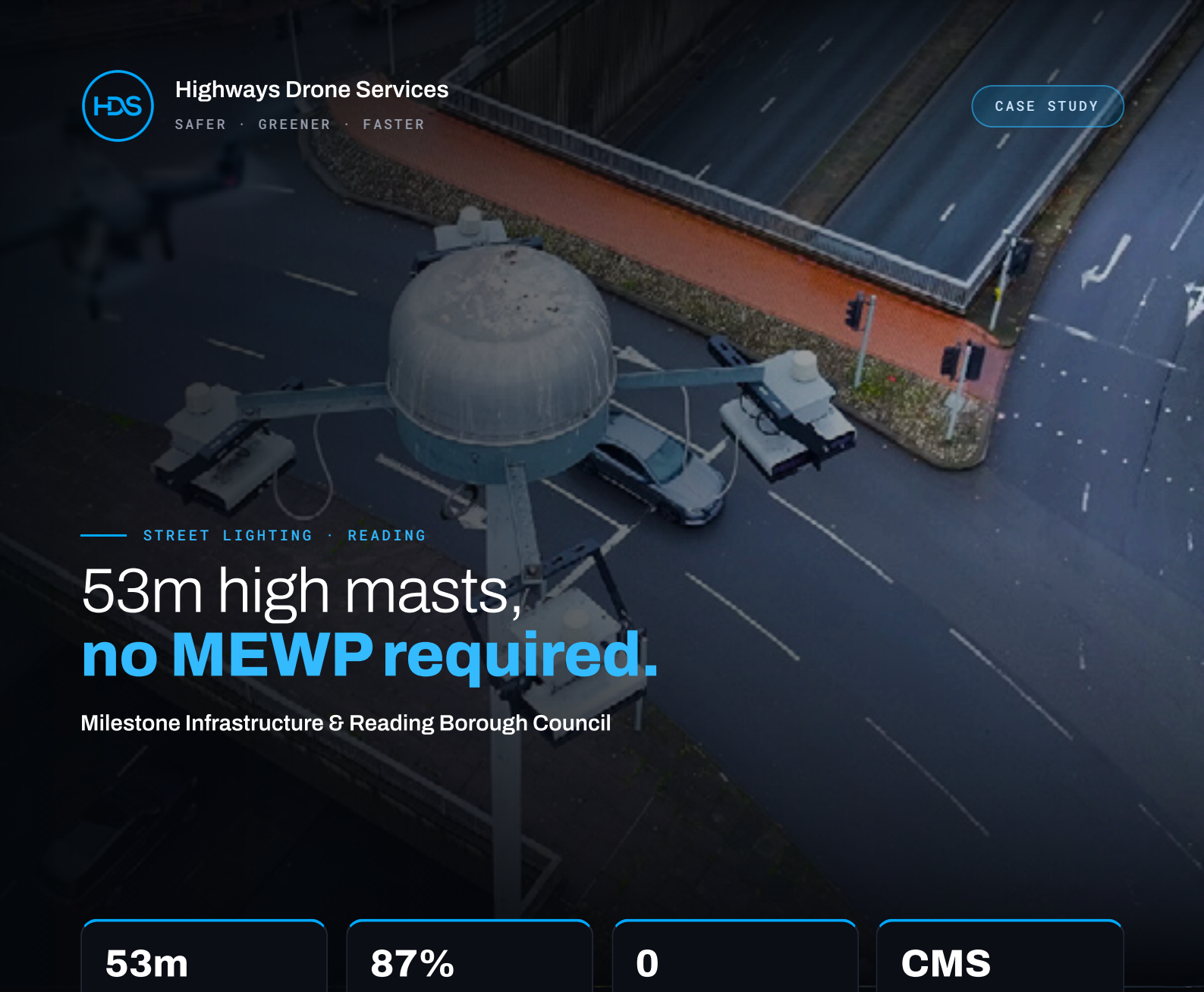
Highways Drone Services

SAFER · GREENER · FASTER

CASE STUDY



STREET LIGHTING · READING

53m high masts, **no MEWP required.**

Milestone Infrastructure & Reading Borough Council

53m	87%	0	CMS
tallest high mast inspected	less CO_2, up to	road closures or lifts	ready OSID and luminaire data

THE PROJECT

Inspecting high masts up to 53 metres tall normally takes large MEWPs, traffic management and significant risk. HDS replaced that with ground-launched drones, delivering condition and OSID data ready for Reading's central management system.

THE CHALLENGE

- Boom lifts and traffic control for every high mast
- Working at height and in live carriageways
- Precise OSID and luminaire data needed for CMS integration
- Repeat visits driving up cost and disruption

MILESTONE INFRASTRUCTURE & READING BOROUGH COUNCIL · HIGH MAST AND STREET LIGHTING SURVEYED BY DRONE IN READING

OUR APPROACH

01 High mast and column assets captured from ground-launched drones, with no lifts or closures

02 OSID, node IDs and luminaire condition collected for real-time monitoring integration

03 Data structured for direct input into the council's CMS



High mast head, lantern ring and luminaires captured from the air

OUTCOMES

Lower cost

Survey spend reduced by removing MEWPs, IPVs and traffic management.

Faster delivery

Inspections and reporting completed far quicker than traditional methods.

CMS-linked insight

OSID and condition data captured ready for seamless CMS integration.

Environmental benefit

Drone-only operations cut CO_2 emissions by up to 87%.

THE RESULT

Precise, CMS-compatible data for high mast and street lighting assets, delivered without IPVs, MEWPs or traffic control, and with no impact on traffic or residents.

Start a project

Tell us about your asset. A desktop review, airspace check and fixed cost, agreed before we mobilise.

01442 601231
hello@highwaysdroneservices.co.uk
highwaysdroneservices.co.uk