

FREE CHECKLIST

STREET LIGHTING & HIGH MAST INSPECTION CHECKLIST.

A column-by-column checklist for lighting teams, plus how drone inspection captures it without MEWPs, closures or night working.

75.1	93.5%	0
COLUMNS A SHIFT	LESS SURVEY CO_2	ACCIDENTS

01

COLUMN INSPECTION CHECKLIST

Record each item against the column's asset reference. A drone captures the upper elements in close detail from the footway or verge.

ELEMENT	CHECK FOR	OK	DEFECT
Lantern	Type, damage, bowl or diffuser condition, water ingress, missing parts	☐	☐
Bracket / outreach	Corrosion, cracking, deformation, angle	☐	☐
Fixings	Loose, missing or corroded bolts and clamps	☐	☐
Photocell / node / telecell	Present, type, damage; record node or OSID data for CMS	☐	☐
Shaft	Corrosion, impact damage, verticality, paint condition	☐	☐
Attachments	Signs, banners, CCTV or third-party equipment and their fixings	☐	☐
Door and base	Door present and secure, base corrosion, root or soil build-up	☐	☐
Identification	Asset number sticker present and legible	☐	☐
Surroundings	Vegetation obscuring the lantern, damage to surrounding footway	☐	☐

HIGH MASTS ADD

- Headframe, luminaires and lowering gear condition
- Platform and access fittings
- Section joints and flange condition along the mast



02

DRONE VERSUS MEWP

	MEWP INSPECTION	DRONE INSPECTION
Columns a shift	15 to 30 typical; 14.5 on the Birmingham baseline	75.1 on the Birmingham programme
Traffic management	Often required	Usually none; flown from footways and verges
Working at height	Yes	No
Survey-phase CO_2	Diesel plant and IPV idling	93.5% lower in Birmingham
Record	Paper or app checklist	Geo-tagged images referenced to your asset list



03

PROOF: BIRMINGHAM AND READING

13,248	5.18×	93.5%	0
COLUMNS SURVEYED FOR KIER & BCC	OUTPUT: 75.1 COLUMNS A SHIFT VS 14.5	LESS SURVEY-PHASE CO_2	ACCIDENTS OR NEAR MISSES

The Birmingham programme for Kier and Birmingham City Council surveyed 13,248 columns with zero accidents, and won the CECA Midlands Innovation Award 2026. In Reading, HDS inspected high masts up to 53 metres for Milestone Infrastructure with CMS-ready OSID data and up to 87% less CO_2.

> **Lighting PFI ending?** The same capture gives a full photo record and inventory of every column, lantern and sign for handback. See highwaysdroneservices.co.uk/street-lighting-pfi-handback



NEXT STEP

TALK TO US ABOUT YOUR LIGHTING STOCK.

Every HDS job starts with a desktop review, an airspace check and a fixed price agreed before we mobilise. We fly under a CAA Operational Authorisation with GVC and A2 CofC qualified pilots who are CSCS and T1/T2 trained, and we never fly over live traffic.

REQUEST A CALL BACK →

CALL BACK	highwaysdroneservices.co.uk/contact
EMAIL	hello@highwaysdroneservices.co.uk
DAY RATES	From £900 for raw capture to £1,800 for fully processed, CAD-ready data
INCLUDED	Two-person team, Chapter 8 vehicle, RAMS, flight planning and insurance
COVER	£10m public and employers liability
COMPANY	Highways Drone Services Ltd · Company number 16621433