

# OXFORDSHIRE COUNTY COUNCIL

## TRAFFIC SIGNAL REQUIREMENTS

Oxfordshire County Council requirements for traffic signal design and installation: -

- Outstation monitoring unit (OMU) compatible with Siemens RMS in station including PSTN line (or alternative comms)
- All inductive loops cut into carriageway loop box
- All new signal installations to be fully ELV
- All controlled pedestrians crossing should be BVPI 165 compliant or equivalent
- All new installations to be fitted with CCTV. This may be waived but is entirely at the discretion of OCC
- Where cameras are sited on separate poles the pole must allow for maintenance to be carried out at ground level e.g. hinged or telescopic
- All new installations to be either UTC SCOOT control or MOVA
- All controllers must have external isolation for the incoming electric supply
- All sites are to be fully ducted with regular access chambers
- All loop joints must be located in an access chamber
- All controllers must be fitted with a weather proof base seal
- All push button units must be fitted with tactiles and audibles where safe to do so
- All poles must be installed in “pole retention” sockets and must be “duck-foot” design
- All poles must have a hard standing to allow the safe use of A-frame step ladders. The hard standings must use construction which is sympathetic to their surroundings
- All signal ducting between chambers and signal poles must be 100mm diameter and orange in colour
- A controller access chamber should be installed directly in front of the controller cabinet
- All sites must have the ability to dim after dusk
- Passively safe signal poles are to be used
- All new installations will utilise near side pedestrian indicators
- Specific requirements apply to pole colour in different areas of the county. Grey, black or stainless steel may be required. Contact the Traffic Control Systems Team to confirm
- If used, cranked poles should be swaged not welded