Galway City Council Public Lighting Pre Planning Guidance v2.0 December 2018

A Public Lighting Scheme should be submitted with a planning application. If not submitted, it will be requested as additional information. Any scheme to be submitted should be agreed in writing in advance with the Council’s Public Lighting Section.

Any scheme to be submitted by an applicant, owner or developer with a planning application or lodged to the Planning Authority to comply with a condition in a planning permission must consist of all the elements as set out below.

Prior to occupancy of any property in the development it will be verified and certified by the developer that the Public Lighting installation has achieved the design class standard. This certification will include TMPRN No. and Electrical a/c name Number with the Electrical Supplier Name.

Full Lighting Design
- A full lighting design to BS5489: EN13201 or as may be updated from time to time stating the design class and with attached electronic IES files compatible with Lighting Reality software to allow verification of the design.
- The design must clearly state the LED lantern manufacturer, model, driver current, lumen output and optic setting. (SON/SOX lanterns are not acceptable).
- The electronic components of the lantern must fully specified.
- The full circuit wattage of the lantern must be declared.
- The LM70 report and the independent lab testing cert must accompany the design submission.
- The fully detailed lighting design report and calculations must be included in the submission.
- Design Lux levels contour map to be provided.

Electrical Design
- A Single Line Diagram (SLD) circuit diagram complete with cable calculations.
- Circuit diagrams and plan drawings of the supply cabinet equipment as described in the ESBN National Code of Practice for Customer Interface.
- Internal pole wiring diagram and details.
- Communications wiring and switching / photocell details if required.

Layout Drawings
- An AutoCAD ducting layout drawing, coordinated with any other services (existing or new) compliant with the service separation requirements of ET101 - 8th Edition, to scale 1:1000.
- Public lighting columns, ducts and supply cabinets likely to be taken in charge for maintenance by GCC shall not be erected on ground likely to remain private or inaccessible, e.g. private gardens, ESB / Bord Gais substation enclosures etc.
- If wayleaves are to be required they must be highlighted on the ducting layout drawing.
- Pole positions must be coordinated with intended tree planting, overhead wires, maintenance access and boundary treatments. It should be demonstrated that no lighting column shall be located within the eventual canopy spread of any proposed tree or within a proposed SUDS drainage swall.

Construction and Installations Details Drawings
- Construction details showing duct installations.
- Column planting / sleeving details
- Supply pillar mounting.
- If Public lighting columns, Supply cabinets etc. are to be placed on grass areas they should have a concrete mowing apron around them. Details available from Parks department.

Materials Submissions
- Details of all materials to be used must be submitted with any relevant manufacturer’s brochures, dimensioned construction drawings etc.
- In particular, details of ducting type, chamber specifications, column manufacture and cable door dimensions will be sought.

Construction Phasing Document/ Method Statement
- A method statement describing the intended process for maintaining existing lighting levels during construction, the scheduling of phased switchover to new installations and any traffic management required must be considered if the development is envisioned to impact an existing P.L. Network.
- Prior to the commencement of the construction phase, the applicant, owner or developer shall make contact with the Public Lighting Section to confirm final design, and agree an inspection regime include exchange of site contact details and site induction.