



URBAN DEVELOPMENT INSTITUTE - CALGARY
TECHNICAL BULLETIN #51B

Calgary Roads Streetlighting Drafting and Geodatabase Standards and Submission Requirements

July 17, 2007

Please be advised that effective January 1, 2008 City of Calgary Roads will be requiring collection of attributes for streetlight assets at design stage and as-built stage by the consultants. This information will further improve the City's geodatabase. This requirement will apply to all streetlight design submitted to the City for approval after January 1, 2008.

The attribute information required is attached for your convenience, if you have further questions regarding the attached details please contact Calgary Roads, Streetlighting Division directly.

If you have any questions please do not hesitate to contact the UDI – Calgary office, or Calgary Roads.

For your convenience all UDI – Calgary bulletins are posted on our website at www.udicalgary.com.

Attachment (2 pages)

Streetlight Attribution Tool

The City will be developing the tool and will ensure that it's compatible with your CAD infrastructure, whether if it's AutoCAD or Microstation.

There are 2 stages where attributes are required.

1. Approved for Construction
2. As built

The ***approved for construction stage*** requires minimal attribution and the ***as built stage*** requires full attribution.

Below are the following attributes to be populated at each stage of construction...

1. Approved for Construction Stage

- Ownership
- Primary luminaire type
- Pole type
- Property line offset
- Property line offset distance number

2. As built Stage

Poles

- Primary luminaire type
- Designed primary luminaire type
- Pole type
- Pole location
- Pole material
- Pole finish
- Pole color
- Pole manufacturer
- Pole foundation installation date
- Pole foundation type
- Pole fuse type
- Frangible (*if applicable*)
- Pole receptacle (*if applicable*)

Controllers

- Controller mount type
- State code
- Rated current
- Operating voltage

Cabinets

- Cabinet type
- Control transformer size
- Rated current
- Operating voltage
- Cabinet material
- Cabinet finish
- Cabinet color
- Cabinet manufacturer
- Cabinet mount type
- Main service disconnect
- Meter provision
- Meter

Streetlight Duct

- Duct type
- Number of ducts
- Duct material
- Duct size

Streetlight Path

- Number of circuits
- Path material
- Path size
- Circuit 1
- Circuit 2 *(if applicable)*
- Circuit 3 *(if applicable)*
- Circuit 4 *(if applicable)*
- Ground wire
- Wire type
- Wire material
- Burial depth
- Property line offset
- Property line offset distance