

PUBLIC RIGHT-OF-WAY STREET LIGHTING SPECIFICATIONS

THE CITY HAS APPROVED THREE (3) STYLES OF STREETLIGHTS:

- **STANDARD** – STREETLIGHTS ARE HIGH PRESSURE SODIUM COBRA HEAD FIXTURES POSITIONED ON TREATED WOODEN POLES INSTALLED AT 250 FOOT STAGGERED SPACING. RESIDENTIAL FIXTURES SHALL BE 9,500 LUMENS. COMMERCIAL OR INDUSTRIAL FIXTURES SHALL BE 16,000 LUMENS.

- **DECORATIVE (RESIDENTIAL)** – STREETLIGHTS ARE HIGH PRESSURE SODIUM 9,500 LUMENS FIXTURES OF THE AMERICANA LUMINAIRE ACORN STYLE WITH TRADITIONAL STANDARD GLOBE TYPE 1CB & A TYPE II LENS ASSEMBLY. FIXTURES ARE POSITIONED ON DIRECT BURY TAPERED ALUMINUM TUBE POLES OF SATIN GROUND BLACK POWDER COAT FINISH. LIGHTS SHALL BE INSTALLED AT A MAXIMUM SPACING OF 180 FEET, STAGGERED. THE LENS ASSEMBLY MUST BE ORIENTED TO DIRECT THE LIGHT PARALLEL TO THE CENTER LINE OF THE STREET. POLES ARE 13 FEET EXPOSED HEIGHT WITH A TOTAL LENGTH OF 17 FEET. DECORATIVE STREETLIGHTS HAVE A HIGHER SPECIAL ASSESSMENT COST TO THE PROPERTY OWNER THAN STANDARD STREETLIGHTS.

- **DOWNTOWN BUSINESS** – STREET LIGHTS ARE METAL HALIDE 12,000 LUMENS HOLOPHANE LAMP WITH GLASS LUMINAIRE AND CLEAR FINAL. 175W, TYPE V DISTRIBUTION SHALL BE PROVIDED. FIXTURE IS POST TOP MOUNTED ON A 14'-2" BLACK FLUTED METAL POLE WITH HEAVY WALL CAST IRON BASE. FLAG POLE MOUNTING BRACKETS OR TWIN BANNER ARMS ARE MOUNTED ON THE POLES AS PER CITY ENGINEER APPROVAL. RECEPTACLE BOXES ARE MOUNTED AT 24" M.H. AND ABOVE BANNER ARM OR FLAG POLE MOUNTING BRACKET.

SPECIFICATIONS TO INSTALL NEW STREETLIGHTS TO EXISTING NEIGHBORHOODS FOR CITY MAINTENANCE

IN ORDER FOR ADDITIONAL OR MID-BLOCK STREETLIGHTS TO BE INSTALLED AND MAINTAINED BY THE CITY, ALL THE FOLLOWING CRITERIA MUST BE ADHERED TO:

- A. THE LIGHT SHALL BE OF THE SAME STYLE OF THE EXISTING LIGHTS OF THE NEIGHBORHOOD AND ADHERE TO THE SPECIFICATIONS OF THAT STYLE STATED ABOVE.
- B. SHALL BE INSTALLED AT NO LESS THAN 200 FEET FROM ANY OTHER STREETLIGHT AND MUST BE LOCATED WITHIN THE RIGHT-OF-WAY.
- C. SHALL BE APPROVED BY A MAJORITY OF THE PROPERTY OWNERS ON THE BLOCK (WHO ARE WITHIN 200 FEET OF THE PROPOSED LOCATION)

- D. SHALL BE CONTAINED WITHIN AN EXISTING STREETLIGHT WIRING SYSTEM IN THE NEIGHBORHOOD OR COMMERCIAL-INDUSTRIAL DEVELOPMENT
- E. SHALL NOT DISTRACT TRAFFIC PATTERNS WITHIN RIGHT-OF-WAY OR CONFLICT WITH PERSONAL PROPERTY ISSUES WITHIN 200 FEET OF THE INSTALLATION.
- F. CANNOT BE PLACED IN ALLEYS, SIDE ACCESS OR PRIVATE DRIVES.

NON-STANDARDIZED STREETLIGHT INSTALLATION

ADDITIONS OF STREETLIGHTS WITHIN THE CITY RIGHT-OF-WAY THAT CREATE A SPACING LESS THAN 200 FEET OR DO NOT COMPLY WITH THE CITY STREET LIGHTING SPECIFICATIONS ARE NOT PERMITTED TO BE INSTALLED.

SPECIFICATIONS TO INSTALL NEW STREETLIGHTS IN ALLEYS, DRIVES, AND WITHIN PRIVATE PROPERTY

COSTS FOR A STREETLIGHT OR SECURITY LIGHT IN ALLEYS, DRIVES OR WITHIN PRIVATE PROPERTY WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER(S). REQUESTS FOR SUCH LIGHTING INSTALLATIONS SHALL:

- A. CONFORM TO CITY SPECIFICATIONS AND REGULATIONS
- B. MUST BE APPROPRIATELY INSTALLED BY A CERTIFIED CONTRACTOR THROUGH THE LOCAL UTILITY COMPANY OR CERTIFIED ELECTRICAL CONTRACTOR REGISTERED WITHIN THE CITY
- C. SHALL NOT DISTRACT TRAFFIC WITHIN THE CITY RIGHT-OF-WAY, OR OTHERWISE CONFLICT WITHIN NEIGHBORING PERSONAL PROPERTY ISSUES WITHIN 200 FEET OF THE INSTALLATION
- D. SHALL HAVE PLANS REVIEWED BY THE PUBLIC WORKS DIRECTOR IF LOCATED NEAR THE PUBLIC RIGHT-OF-WAY OR CITY EASEMENTS.

'SWITCH-OVER' FROM STANDARD STREET LIGHTS TO DECORATIVE STREET LIGHTS SPECIFICATIONS

IN ORDER FOR DECORATIVE STREET LIGHTING TO BE INSTALLED IN RESIDENTIAL AREAS THAT HAVE EXISTING STANDARD LIGHTS AND POLES, ALL OF THE FOLLOWING CRITERIA MUST BE MET:

- A. PETITION TO INSTALL DECORATIVE LIGHTS MUST HAVE 100% OF PROPERTY OWNERS SIGNATURES FOR APPROVAL WHERE LIGHTING IS TO BE INSTALLED.
- B. ALL INSTALLATION FEES AND ASSOCIATED COSTS FOR THE SWITCH-OVER SHALL BE AT THE EXPENSE OF THE DEVELOPER, NEIGHBORHOOD OR REQUESTER(S).

- C. THE CITY SPECIFICATIONS FOR DECORATIVE (RESIDENTIAL) SHALL BE FOLLOWED FOR THE NEW INSTALLATION.

- D. DECORATIVE LIGHTS SHALL ONLY BE INSTALLED ALONG RESIDENTIAL STREETS.
- E. THE ENTIRE LENGTH OF THE RESIDENTIAL STREET SHALL BE SWITCHED-OVER. NO MID-BLOCK OR PORTIONS OF THE STREET WILL BE ACCEPTED.

- F. MINIMUM LENGTH OF STREETS TO BE SWITCHED OVER IS 1350 FEET, INCLUDING CUL-DE-SAC. MINIMUM NUMBER OF LIGHTS AND POLES CHANGES SHALL BE 10 UNITS OR MORE.

- G. AREA OF SWITCH-OVER CAN BE CONTIGUOUS WITH A THOROUGHFARE OR COLLECTOR STREET, BUT NOT INCLUDE STREET LIGHTING ON THE THOROUGHFARE OR COLLECTOR STREET.

- H. ELECTRICAL SERVICE SHALL ONLY BE UNDERGROUND WIRING AND CONDUIT. NO ROADWAYS SHALL BE OPEN CUT UNLESS ROAD IS OVER FIVE (5) YEARS OLD.

- I. FINAL DESIGN/LAYOUT MUST BE APPROVED BY THE PUBLIC WORKS DIRECTOR BEFORE PRESENTATION AND/OR APPROVAL BY CITY COUNCIL.

- J. AREAS OF SWITCH OVER SHALL BE RECOMMENDED AND PRESENTED TO CITY COUNCIL BY THE PUBLIC WORKS DIRECTOR OR HIS DESIGNEE AFTER APPROVAL OF FINAL DESIGN/LAYOUT.

PRIVATE DEVELOPMENT LIGHTING SPECIFICATIONS

ALL ENTRANCES, PARKING AREAS, WALKWAYS, STEPS, ETC. SHALL BE WELL LIGHTED TO ENSURE SAFETY OF THE SITE. HOWEVER THE LIGHTING SHALL BE PLACED AND DIRECTED IN A MANNER THAT THE GLARE OF BEAM IS DIRECTED AWAY FROM THE STREET AND ADJOINING PROPERTIES. ALL FIXTURES SHALL CONFORM TO THE CITY ENGINEERING STANDARDS PER CHAPTER 1133.05 OF THE CITY PLANNING AND ZONING CODE.

- A. MINIMUM LIGHT LEVELS SHALL COMPLY WITH THE ILLUMINATION ENGINEERING SOCIETY PUBLICATION FOR OUTDOOR LIGHTING.

- B. MAXIMUM LIGHT LEVELS IN A COMMERCIAL AREA SHALL BE TWO FOOT CANDLES AT THE CURB LINE WITH NO SIGNIFICANT GLARE. ONCE THE LIGHTING IS INSTALLED AND ENERGIZED SHIELDS SHALL BE PLACED BY THE DEVELOPER AS NEEDED TO PREVENT GLARE ON THE ROADWAY AS DETERMINED BY AN ON-SITE INSPECTION.

- C. MAXIMUM LIGHT LEVELS IN A RESIDENTIAL AREA SHALL BE ONE FOOT CANDLE AT THE CURB LINE WITH NO SIGNIFICANT GLARE ONTO THE STREET. ONCE THE LIGHTING IS INSTALLED AND ENERGIZED SHIELDS SHALL BE PLACED BY THE DEVELOPER AS NEEDED TO PREVENT GLARE ON THE ROADWAY AS DETERMINED BY AN ON-SITE INSPECTION.

- D. MAINTENANCE FACTOR USED SHALL BE 0.71 UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.



CITY OF SIDNEY

PUBLIC RIGHT-OF-WAY STREET LIGHTING AND PRIVATE SITE DEVELOPMENT LIGHTING

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