



Chesterfield County, Virginia Department of Community Enhancement

9800 Government Center Parkway – P.O. Box 40– Chesterfield, VA 23832-0040
(804) 748-1500 phone – (804) 796-9695 fax – chesterfield.gov

Dan Cohen
Director

APPLICATION FOR A STREETLIGHT IN AN EXISTING NEIGHBORHOOD

Notice for applicants:

Applications for streetlight installations must include a completed Streetlight Application form and a Streetlight Application Petition. In order to qualify, the petition must be signed by 75% of the residents within 200 feet of the proposed light and is to include a majority of the homeowners living at the proposed location. Petitions must qualify in order for the application to go forward. Signing of a petition does not grant an easement to Dominion Virginia Power. Please note, however, that in order to be complete, the petition must include a signature and street address for each signer.

Regardless any pre-existing street lighting style present or previously installed in a given development, Chesterfield County will only consider requests for the basic “enclosed” style fixture, in either the drop lens or flat lens configuration, on a wood or a concrete pole, or the basic “colonial” style fixture on a 14-foot smooth fiberglass pole. Examples of the available fixtures are provided at the end of this application packet. Note, again, that Chesterfield County will only consider requests for the basic colonial type and the basic enclosed type in either the flat lens or the drop lens configuration.

Unless you specifically request the drop lens configuration for enclosed style fixture, the county will specify the flat lens configuration as it reduces light pollution. The colonial fixture is the sole decorative fixture allowed; requests for other decorative style fixtures will not be processed.

Upon receipt of your completed application and a qualifying petition, the Department of Community Enhancement will contact Dominion Virginia Power for a cost estimate quotation for the requested installation.

Should Dominion Virginia Power be unable to obtain the easements necessary for the installation, they will not be able to submit a cost estimate and the requested streetlight cannot be installed.

Once Dominion Virginia Power has returned a cost estimate, the cost is reviewed. If the individual cost for a light is equal to or greater than \$2700, the application is subject to an administrative budgetary review. If the application/estimate is not approved through the review process, the application will then be administratively denied for budgetary reasons and the project terminated. If the application/estimate is approved through the administrative budgetary review it is then forwarded to the Board of Supervisors for their next scheduled meeting. If the individual cost for a light is less than \$2700, it is forwarded, without further review, to the Board of Supervisors for their next scheduled meeting. The Board evaluates streetlight applications and approves or denies expenditure of funds for the installation.

If you have any questions, please do not hesitate to contact me at 796.7081 or you may reach me by email at billingsleyr@chesterfield.gov.

Sincerely,

Richard Billingsley
Chief of Operations
Community Enhancement

STREETLIGHT APPLICATION – EXISTING DEVELOPMENT

Form SL-03 January 2010
Previous forms obsolete

Name of Applicant: _____

Address: _____

Contact Number(s): Home - _____ Work - _____

Cell - _____ Email - _____

Requested streetlight is to be located at the intersection of:

_____ and _____

Is there a pole at the requested location? Yes No

If yes, what is the number of the pole? _____

For locations with existing poles, the enclosed style is specified by default. The flat lens fixture is default for the enclosed style. The drop lens type fixture must specifically requested.

Where there is no existing overhead service, applicants may request either the enclosed fixture, on a wood or concrete pole, or the colonial fixture on a 14-foot, smooth fiberglass pole; please indicate your preference below. The colonial style fixture will not be installed where overhead service exists along the right of way.

If you do not indicate any preference, the installation specified will be an enclosed, flat lens fixture on a wood pole.

Enclosed Fixture: Yes Wood Pole OR Concrete Pole
 Drop Lens

or

Colonial Fixture: Yes

Please provide any other information you believe may be pertinent to this application:

Completed forms should be sent to: Streetlights, Community Enhancement, PO Box 40, Chesterfield, VA 23832

CHESTERFIELD COUNTY STREET LIGHT POLICY

612.00 STREET LIGHTING

612.01 NEW DEVELOPMENTS - *OMITTED FROM THIS DOCUMENT; AVAILABLE UPON REQUEST*

612.02 EXISTING RESIDENTIAL AREAS OR DEVELOPMENTS

- I. Criteria for Street Light Approval Action by the Board of Supervisors
 - A. Streetlights should be limited to intersections and installed only on state or county rights-of-way or easements (i.e., streets that are in the state road system). When installed on existing poles, fixture arms will be turned towards the street or intersection.
 - B. A petition is required which must be signed by 75% of the residents within 200 feet of the proposed light and shall include a majority of the homeowners living at the proposed locations. Applications not meeting the petition requirements will not be acted upon.
 - C. Except for existing intersections where no light has been installed, no streetlight shall be installed within 200 feet of an existing or proposed streetlight.
- II. Funding, Existing Development
 - A. The county will pay for the installation of an approved streetlight upon approval of the installation funding by vote of the Board of Supervisors.
 1. For those applications with a providing utility reported estimated installation cost of \$500 or less, staff will approve same upon receipt. Installations costing \$500 or less will be charged to the County Wide – Central Streetlights account.
 - B. Operating costs for approved streetlights will be paid by the county.
 - C. The county will take over operating costs payments for an existing private residential light provided the light under consideration was installed by one of the county's supplying utilities under a flat-rate agreement, is at an intersection, is adjacent to a state or county rightof-way, and upon approval of the Board of Supervisors.
 - D. In the event the Board of Supervisors denies funding for, or declines to consider, an installation request, applicants, through the department, may purchase the installation at the county's estimated cost provided:
 1. Applicants pay to the county required costs and fees, including the installation cost, a five-years operating cost, (based on current monthly charge for the type light), and a \$50 administrative processing fee prior to the county releasing the project to construction. Such payments must be made with 30 days of the Board decision.
 2. Applicants requesting the county obtain a separate estimate from a supplying utility, not related to any form of funding denial, must agree to pay all engineering design costs of the supplying utility in the event they elect not to proceed with the project.
 3. Streetlights purchased through the county by applicants, as described in this section, will be included in the county streetlight program; post installation operating costs will be paid by the county.
 - E. Unless directed to the contrary by a member of the Board of Supervisors, only those individual streetlight projects with a providing utility reported estimated cost less than \$2,700 will be presented to the Board for consideration.
 - F. The county will fund an upgrade for an existing streetlight at an intersection to a higher lumen rating or from a non-LED type to the equivalent LED type. Upgrades with a reported cost from the providing utility of \$500 or less will be approved administratively; upgrades with a reported cost in excess of \$500 will require upon approval of the Board of Supervisors. Upgrades must conform to lumen ratings by intersection configuration as specified in this policy. Upgrades shall

be of a one-time nature, once a fixture has been upgraded, it cannot be further upgraded to a different fixture or lumen rating. Upgrade requests for changing from a basic fixture to a premium fixture will not be considered

G. No more than one (1) streetlight will be installed at any given intersection in an existing residential area or development.

H. For existing residential areas or developments with existing lighting, regardless of any type already or previously installed, any additional lighting requested will be restricted to types and placement as defined in this policy (see 610.02 III - Lamp Characteristics, below). Unless otherwise stated in a streetlight application, the default fixture will be the Cobra Type LED, on a salt treated wood pole except in the area served by the Southside Electrical Cooperative where the default will be an enclosed type HPSV drop lens fixture.

I. For the purpose of this policy, "existing residential areas or development(s)" is defined as subdivisions, or subdivision sections, with roads accepted and maintained in the state secondary road system; residential areas not in a recorded subdivision with roads accepted and maintained in the state secondary road system; or rural/agricultural areas adjacent to roads accepted and maintained in the state secondary road system.

J. Existing commercial developments shall be responsible for their own purchase, installation, and electrical service costs for lighting within such developments and/or along public rights-of-way immediately adjacent thereto.

K. Under no circumstances will the county take over operational and maintenance costs for non-Approved Fixtures (as defined in 610.02 III - Lamp Characteristics, below) installed by any third party or agency/department as a metered service under the auspices of the streetlight program. Third party lights and fixtures installed at the county's behest as a component of a capital project and which becomes the property of the county will be maintained by the Department of General Services in its role as the maintainer of county owned facilities. See paragraph 612.02 II C. Lamp Characteristics.

III. Lamp Characteristics

A. Approved Fixtures - The following are the fixture types approved for installation under this policy. All fixtures described are standard basic fixtures as installed by the supplying utility:

1. Basic Enclosed high-pressure sodium vapor (HPSV) in either the drop lens or flat lens configuration.
2. Basic Traditional Colonial HPSV.
3. Basic Cobra in Light Emitting Diode (LED).
4. Basic Traditional Colonial LED.
5. Basic top-shielded "Carlyle" type Acorn in LED.

Requests for premium decorative fixtures or poles will not be considered nor forwarded for approval.

B. Light Source - All light sources shall be either high pressure sodium vapor (HPSV) or Light Emitting Diode (LED) as supplied by the supplying utility

C. Lumen ratings -

1. 8000 lumens -
 - a. intersection of two local streets in a subdivision or subdivision section
 - b. intersection of one local street and one collector street in a subdivision or subdivision section
2. 14000 lumens

- a. intersection of two collector streets in a subdivision or subdivision section
 - b. intersection of on collector street and one major, or minor, arterial at an entrance to a subdivision
3. Fixtures with ratings higher than 14000 lumens will not be installed in existing residential areas or developments.
 4. Exact pole placement and bracket length specifications are at the sole discretion of the supplying utility company as field conditions dictate.
- D. Type of Pole - Concrete, salt treated wood, or grey composite for Enclosed or Cobra type fixtures. Traditional Colonial style fixtures, in either HPSV or LED will utilize 14-foot smooth black fiberglass poles. Top-shielded "Carlyle" type Acorn LED fixtures will utilize a 14-foot fluted fiberglass pole. Requests for premium fluted, pedestal mounted poles will not be considered

612.03 LIGHTING PROJECTS INITIATED BY COUNTY DEPARTMENTS OR AGENCIES OTHER THAN ENVIRONMENTAL ENGINEERING – OMITTED FROM THIS DOCUMENT AVAILABLE UPON REQUEST.

This policy approved by the Chesterfield County Board of Supervisors on February 27, 2019.

Light Emitting Diode (LED) Type Fixtures
Dominion Energy Service Areas



Cobra Fixture



Traditional Colonial Fixture



Carlyle Acorn Fixture

High Pressure Sodium (HPSV) Fixtures
Southside Electrical Cooperative Service Area



Enclosed Drop Lens Fixture

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