



Town of Nags Head
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Board of Commissioners Policy

Street Lighting Policy

Adopted May 4, 1994
Updated and Adopted June 4, 2003
Updated and Adopted October 3, 2012
Updated and Adopted November 6, 2013
Updated and Adopted September 1, 2021

Objective: To provide an orderly process for the installation of street lighting ~~in-existing subdivisions and areas within the Town~~ that is adequate for safety and convenience, while at the same time avoiding objectionable and excessive lighting.

General:

1. In all existing subdivisions and areas with underground power, the electric power lines for street lighting shall be located underground. In existing subdivisions and areas with overhead wiring, new streetlights may be attached to existing poles only if the pole to be used is in the proper location. If a new pole is required, the wiring to said pole must be underground.
2. All lights shall be located ~~on~~-within public rights-of-way maintained by the Town of Nags Head, unless alternate arrangements are agreed to by the Town.
3. Streetlights may not be located closer than three hundred (300) feet to another streetlight, and may not be further than five hundred (500) feet from another streetlight.
4. Where fixtures utilize LED lamps, the Correlated Color Temperature shall not exceed three thousand kelvin (3,000K).
5. Streetlights should be placed at street intersections ~~or-and~~ street bends of sixty degrees or more. ~~Streetlights may not be located closer than intervals of three hundred feet.~~ Nothing in this ~~policy~~Policy, however, shall preclude the Town of Nags Head from installing street lighting at any location and of any available intensity where in the opinion of the Town Manager, such lighting is necessary for the public safety and convenience.

Responsible for Update: Public Works Director

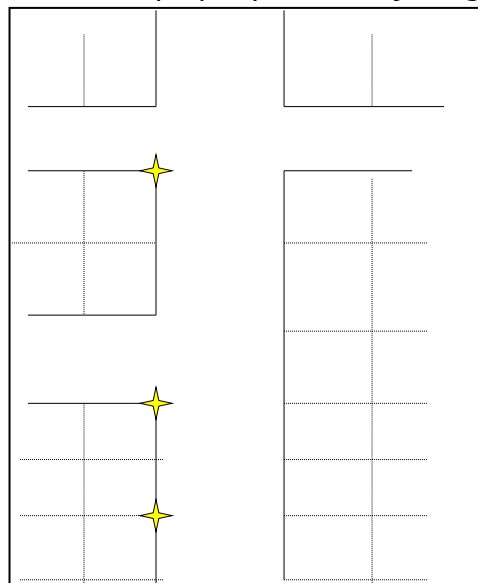
6. In addition, in cases where commercial and residential areas adjoin, the Town Manager shall determine allowable maximum initial lamp the lumens for of intensity of streetlights to be placed in such adjoining areas.

7. The Town Manager may exercise discretion in allowing deviations from this Policy where changes in technology make one or more of the standards included in this policy obsolete and/or unable to be met.

New Residential Subdivisions: Streetlights shall have an initial lamp lumens of at least be High-Pressure Sodium (HPS) seventy (70) watt, five thousand (5,000) lumens, but no more than six thousand five hundred (6,500) lumens lights, installed as per Section 38-156 of the Town Code of Ordinances. It shall be the Town's policy to assume the energy cost of streetlights installed in new subdivisions one year after their installation. It shall be the responsibility of the developer or the Property Owners Association to request in writing to the Town Manager, that the Town assume the energy cost of the streetlights one year after installation.

New Commercial Subdivisions: Streetlights shall have an initial lamp lumens of at least nine thousand (9,000) lumens, but no more than ten thousand five hundred (10,500)~~The street lighting policy in new commercial subdivisions shall be the same as in new residential subdivisions, except that the streetlights shall be a HPS one hundred and fifty (150) watt, fourteen thousand (14,000) lumen lights~~ except where in the opinion of the Town Manager, an initial lamp lumens limit of at least five thousand (5,000) lumens, but no more than nine thousand five hundred (9,500) lumens ~~HPS one hundred (100) watt (8,000) lumen lights~~ would be more appropriate in order to prevent excessive light in adjoining predominantly residential areas.

Existing Residential Areas: In existing residential areas, the installation of new streetlights where one does not exist are installed shall be upon a petition basis. The number of property owners' signatures required on the petition depends upon the number of properties directly affected by the proposed streetlight(s). If the light is requested to be installed at an intersection, three of the four or two of the three property owners at the intersection as shown on the ~~attached~~ diagram will be required to sign the petition. The property owner adjoining the location where the light is to be erected must be one of the owners to sign. If the light is to be installed in mid-block, the light will be placed at a point between two lots and the owner of these two lots must sign the petition. In addition, at least fifty percent of the two or three lots directly across the street must also sign the petition. After receiving a petition requesting a streetlight with the required number of signatures and approved by the Town Manager, the petitioners will then be responsible for the installation and energy cost of the streetlight for the first year of operation. It shall be the Town's policy to assume the energy cost of streetlights installed by private property owners one year after their installation. It shall be the responsibility of the property owner to request in writing to the Town Manager, that the Town assume the energy cost of the streetlights one



year after installation.

All new streetlights, ~~and lamps or fixtures that need~~ including those replacing existing streetlights replacement, shall meet the initial lamp lumens specified for new residential subdivisions, ~~will be a HPS seventy watt (70), five thousand (5,000) lumen. If a new pole is installed, the mounting height shall not exceed twelve (12) feet lights installed at a mounting height of 10 feet if a new pole is installed.~~

Existing Commercial Areas: In existing commercial areas, the installation of new streetlights where one does not exist shall be contingent ~~are installed~~ upon receipt of a petition signed by at least two directly affected property owners and ~~approved approval~~ by the Town Manager. All new streetlights, including those replacing existing streetlights, and lamps or fixtures that need replacement shall meet the initial lamp lumens specified for new commercial subdivisions, ~~will be a HPS one hundred and fifty (150) watt, fourteen thousand (14,000) lumen lights and the cost to install shall be borne~~ will be installed by the petitioner. The developer or property owner will be responsible for the energy cost of the streetlight for the first year of operation. The energy costs of the streetlights will be assumed by the Town one year after their installation. It shall be the responsibility of the developer or property owner to request in writing to the Town Manager, that the Town assume the energy cost of the streetlights one year after installation.

Special Street Lighting Areas: The following ~~streets areas~~ are designated as areas requiring special street lighting treatment and any streetlights installed at intersections or along these streets shall meet the specifications provided ~~will be the designated intensity~~, notwithstanding the intensities enumerated above:

- S. Croatan Highway (US 158) – For streetlights installed along US 158, initial lamp lumens between fourteen thousand (14,000) and fifteen (15,000) lumens, with a maximum mounting height of thirty five (35) HPS 250 watt (250) 23,000 lumen lights at a mounting height of 35—40 feet. The fixture shall be a shoebox or decorative shoebox style, having a flat or recessed lens and full cutoff light (BUG-rating has U of zero). For streetlights installed at intersections of residential streets with US 158 on the west side, there shall be one streetlight on each side of the residential street intersection, to be traditional colonial style and meeting the initial lamp lumens specified for new residential subdivisions
- S. Virginia Dare Trail (NC 12) – Initial lamp lumens between seven thousand (7,000) and HPS one hundred (100) watt, eight thousand (8,000) lumens, with a maximum mounting height of lights at a mounting height of twenty five (25) —30 feet. Specifications for lights installed Lights installed at pedestrian crossings shall be at the discretion of the Town Manager, in consultation with the Town Engineer and Director of Public Works HPS one hundred and fifty watt (150), fourteen thousand (14,000) lumen lights at a mounting height of 25—30 feet.
- South S. Old Oregon Inlet Road (NC 1243) – Same as S. Virginia Dare Trail.
- Streets East of S. Virginia Dare Trail and S. Old Oregon Inlet Road - Initial lamp lumens shall not exceed five thousand lumens, and mounting height shall not exceed twelve (12) feet. Fixtures shall have a flat or recessed lens and be full cutoff (BUG-rating has U

of zero). At the discretion of the Town Manager, where a planned street light is in close proximity to the beach, a "turtle-friendly" amber light may be required, if available.

