

STREETLIGHTING POLICY

Adopted: 04/19/93

The general purpose of the City's Streetlighting Program is to provide improved visibility for the various users of the City's Street System which includes sidewalks, traffic controls, and physical features of the roadway.

Streetlights are installed in accordance with the minimum performance criteria specified as follows:

STREETLIGHTING MINIMUM PERFORMANCE CRITERIA

<u>ROADWAY CLASSIFICATION</u>	<u>COMMERCIAL</u>		<u>INTERMEDIATE</u>		<u>RESIDENTIAL</u>	
	<u>FOOT CANDLE</u>	<u>UNIFORMITY RATIO</u>	<u>FOOT CANDLE</u>	<u>UNIFORMITY RATIO</u>	<u>FOOT CANDLE</u>	<u>UNIFORMITY RATIO</u>
EXPRESS	1.02	6:1	1.02	6:1	1.02	6:1
MAJOR	.48	6:1	.41	8:1	.29	9:1
COLLECTOR	.36	6:1	.25	8:1	.13	9:1
LOCAL	.34	6:1	.24	8:1	.12	9:1
ALLEY	.06	6:1				

Beginning in FY '90-91, it is the City's intent to convert mercury vapor streetlights to high pressure sodium lights. The City's priority for installing new high pressure sodium lights or converting existing mercury vapor lights to high pressure sodium lights will be as follows:

- (1) Newly constructed streets
- (2) Annexed streets
- (3) High nighttime-street-crime locations
- (4) Roadways with an ADT volume of 4000 vehicles or greater
- (5) Roadways with an ADT volume less than 4000 vehicles

In existing business and industrial areas where all electrical utilities are underground, streetlights may be installed on metal or fiberglass poles with underground wiring. To qualify for this type of installation, the road frontage shall be seventy percent (70%) developed and the public roadway must carry one thousand (1,000) vehicles per day. For each one thousand (1,000) vehicle per day increase, the development requirement is reduced by ten percent (10%); however, no request will be accepted from a developer unless at least twenty-five percent (25%) of the road frontage has been committed for development.

In developing business and industrial areas where all electrical utilities are planned to be underground, the City encourages the installation of an underground electrical and metal pole streetlighting system. The City may provide financial compensation for the underground electrical and metal pole streetlighting system at the time the above conditions are met. In these areas, the City will pay for electrical service in accordance with Duke Power Company's rate Schedule PL for streetlighting upon approval of the system by the Assistant City Manager/Public Works.

In residential areas where there are public streets and all electrical utilities are underground, the City may enter into a contract with an Incorporated Home Owners Association (with power to assess home owners for improvements), to provide decorative streetlighting. The Home Owners Association shall be responsible for all costs incurred by the City which exceed the costs for providing standard residential streetlighting.

Requests for exceptions to this policy shall be made in writing and submitted to the City Secretary's Office for consideration by the Public Works Committee. The request shall include a description of the locations and the reason(s) for the request.