

MONTGOMERY COUNTY, MARYLAND  
DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING AND OPERATIONS

JUNE 2016

FINISHING ON STREETLIGHT POLES

1) FINISH

All visible components shall be finished with a “polyester powder coating” (fusion bonded coating) using a thermosetting process. The finish color shall be:

Hunter Green (Damascus)	Federal Standard 595B	Color # 14110 page # 08
Federal Green	Federal Standard 595B	Color # 14036 page # 14
Gray (Friendship Heights)	Federal Standard 595B	Color # 36280 page # 59
National Park Brown	Federal Standard 595B	Color # 20040 page # 21
Semi-Gloss Black (Wheaton)	Federal Standard 595B	Color # 27040 page # 35

A) Application of Coating

- 1) The coating shall be applied to the cleaned surface as soon as possible after cleaning and before oxidation of the surface discernible to the unaided eye.

B) Thickness of Coating

- 1) The mil thickness of the coating after curing shall be six (6) mils plus or minus two (2) mils.
- 2) The thickness of the coating film shall be measured in accordance with SSPC-PA-2 or other thickness measuring methods acceptable to the purchaser.

C) Adhesion of Coating

- 1) At random, parts will be checked for adhesion, utilizing the cross-cut, tape test.

MONTGOMERY COUNTY, MARYLAND  
DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING AND OPERATIONS SECTION

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STREETLIGHT POST NUMBERING TAGS

1) PURPOSE

The purpose of these specifications is to prescribe the minimum requirements for the design, manufacture, fabrication, finishing and delivery of streetlight post numbering tags. Any manufacturer, distributor or vendor who submits a bid shall agree to comply with these specifications and attached drawings.

2) DESIGN CRITERIA

The streetlight post numbering tags are to be made of aluminum and finished with a similar color coating as that of the streetlight pole it is to be rigidly attached to. This streetlight post numbering tag is intended for use on all streetlight post maintained by Montgomery County.

Each pole numbering tag shall comply to the following:

- a) Be 2" wide and 12" long
- b) Be a color similar to the streetlight pole
- c) Have 5 numbers of an opposite color placed vertically
- d) All White/Silver surfaces shall be made of retroreflective sheeting
- e) All colored surfaces shall be nonreflective

3) MATERIALS

a) TAG

The streetlight post numbering tags shall be 12 inches X 2 inches, fabricated from clear anodized 1/16 inch thick aluminum. The edges shall be smooth and corners rounded and the tag shall fit the streetlight pole shaft.

b) REFLECTIVE AREAS

The streetlight post numbering tag reflective area shall conform to D4956, Type III retroreflective sheeting.

c) NONRELECTIVE AREAS The streetlight post numbering tags nonrelective areas shall be as follows:

a. Numbers on white/silver reflective post tag

b. Backing on all other streetlight post tags

4) MOUNTIING HEIGHT

The streetlight post numbering tag should be mounted at a height approximately 10 foot from the surrounding elevation of the ground, unless otherwise approved and directed by the Engineer.

5) MOUNTING ORIENTATION

The streetlight post numbering tag shall be oriented and rigidly mounted at a 30 to 45 degree angle, so that approaching traffic can readily observe the tags numbers.

6) MOUNTING HARDHARE

The streetlight post numbering tag shall be secured to the shaft of the streetlight by a means of two (2) 1/8 inch diameter, 18-8 stainless steel tamper-proof screw.

7) NUMBERS

The streetlight post numbering tag numbers shall be a minimum of 2 inch high with a minimum of a 1/4 inch stroke width.

