

Town of Jamestown Sign Post Specifications



Newly constructed and replaced sign posts in the Town of Jamestown must be approved by the Public Services Director prior to installation and placement. The posts must conform to the Manual on Uniform Traffic Control Devices (MUTCD) and the criteria as outlined below.

All aluminum products must be pre-treated before applying powder coating to prevent adhesion problems and oxidation under the finish. Parts are to be acid washed, steam cleaned and sealed prior to powder coating or painting.

All hardware required for installation must be stainless steel material.

Please note the size and location of the sign post must be approved prior to installation. The number of street signs, regulatory signs, and location must be considered when determining the diameter and bury depth of the posts. It is best to contact Public Services staff prior to placing material orders and during the installation process to ensure correct material and product placement.

A street plan showing the proposed location of all proposed sign is required and must be approved prior to placement of any signs.

Fluted Post and Material


Sign posts must be of aluminum material with a minimum wall thickness of 0.125 inches. A 4 inch diameter post is the standard post. Combining street name signs and regulatory signs (i.e. stop signs, speed limit signs) must be approved prior to installation. The minimum bury depth of 4 inch diameter posts is 36 inches. 4 inch posts must be drilled for break away as required by NCDOT.

The paint shall be black semi gloss with a super durable finish. The height of the post will correspond with its use. Combining street name signs and traffic control signs will be permitted with approval.




Finial

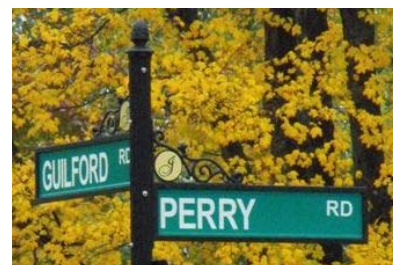
All finials will be of approved pineapple design (shown above) from cast aluminum using virgin material. The finial must be semi gloss black powder coated finish with Tiger Drylac Series 38 super durable powder, or approved equal. Set screws must be stainless steel. The pineapple design must be approved by the Town Manager.

	<u>Post Base</u>
<p>All bases must be of traditional design and of cast aluminum using virgin material. The post base must be semi-gloss black powder coated finish with Tiger Drylac Series 38 super durable powder, or approved equal. Set screws must be stainless steel. The base design must be approved by the Town Manager.</p>	

Traffic Signs

All traffic signs must meet Federal Highway Administration (FHA) requirements. Thus, the sign shall be reflective and be approved prior to placement.

<u>Flat Sign Backers</u>	
<p>All flat sign backers must be precision cut to allow a 1 inch or 1 ½ inch visible border around the sign, depending on the panel size. The panel must be a minimum thickness of 0.125 aluminum and powder coated with Tiger Drylac Series 38 super durable powder, semi gloss black finish.</p>	<p>Available for any D.O.T. sign size. Panels up to 18" x 24" have a 1" black border Larger panels have a 1 1/2" black border.</p>



Extruded Sign Name Blades

Street name sign shall be 6 or 9 inches in height, depending on the location of the post. 9 inch blades are required along all state maintained roadways and as determined by the Public Services Director. Typically 6 inch blades are provided on internal residential streets and as determined by the Public Services Director. The panel must be two-sided with a reflective background and reflective lettering on both sides.

The street name lettering must be left-justified with the street suffix located to the upper right of the blade (see above illustration). The length of the sign must be sufficient to allow for proper spacing of lettering. Bunched or condensed lettering is not allowed and will be rejected. Public street signs must have a green reflective background with white reflective lettering. Private street signs must have a white reflective background with green reflective lettering. Submit sign proof to Public Services Director for approval prior to placement.

Street Sign Blade Holders

All blade holders are to allow for required sign name blades, as determined by Public Services Director, and a length as required by the street name. Typical street name panels are available in 30, 36, 42, and 48 inch lengths.



Plain Blade Holder



Decorative Logo Blade Holder



Jamestown "J" for Logo

The holders shall be fabricated using 1 inch square aluminum tube with 0.125 inch wall. The post mount bracket is fabricated from 0.250 inch rounded channel with holes punched for the use of ¼ inch hardware. Brackets mount to poles with 1/4" stainless steel bolt with washers and lock nuts mounted thru the pole and sand cast aluminum using virgin material. Parts are to be semi-gloss black powder coated finish with Tiger Drylac Series 38 super durable powder, or approved equal.

Decorative sign blade holders with logo brackets will be required along the Main Street and Guilford Road corridors and as determined by the Town Manger. An approved letter "J" (shown above) must be placed on the 5 inch diameter disk on the bracket. The logo will be fabricated by cutting the "J" from a 5 inch disk. The black background will show through the cut "J". The color of the disk will must be a yellowish-almond color and must be approved.

The minimum allowable height from the ground to the bottom of the first blade holder is 8 feet. A greater distance may be required to allow sufficient height to avoid vandalism, obstruction to pedestrians, and visibility.



3 inch fluted post with flat backer. Pineapple finial is not shown

Approved Suppliers and Product Numbers:

Ornamental Post & Panel
10108 Industrial Drive
Pineville, NC 28134
Phone (704) 376-8111
Fax (704) 376-1990
Contact John Iyob

It is strongly recommended to submit sign proof(s) and material to the Public Services Director for approval prior to ordering. This is a requirement prior to placement of the signs.

Pole	4" Black Fluted Post - length will vary
Base	4" - 400-4 300 Series Post Base - Traditional Style
Finial	4DP Deco Pineapple
Blade Holders	6" PBH-6 X (length of blade) Plain Blade Holder. This will be the standard for most internal development residential streets.
	9" DLBH-9 X (length of blade) Decorative Logo Blade Holder with Jamestown "J". This is required along NCDOT maintained roadways (i.e. Main St., Oakdale Rd., Guilford Rd.) and as determined by the Town Manger.
Street Name Signs	6" or 9" Extruded Blades - see size and color requirements above.

Revised 2-12-10