

Signs and Changeable Copy Regulations

Jurisdiction	Changeable Copy Allowed?	Standards for Changeable Copy Signs
Huntersville	Allowed and limited to a percentage of changeable copy	<ul style="list-style-type: none"> • Max brightness shall be 5000 nits¹ during daylight and 150 nits during nighttime house • <u>Message shall change a max of 1 time per 24 hour period</u>
Davidson	Only monuments signs for schools and religious institutions	<ul style="list-style-type: none"> • The sign may contain an area for changeable typeface to display messages throughout the year • Flashing, blinking, or moving signs are prohibited • No Electronic Signs
Belmont	<p>Yes,</p> <p>Message Boards/Reader board signs only in the following districts: HC (Highway Commercial) IC-D (Institutional Campus District) BC-D (Business Campus Development)</p> <p>Civic uses located outside of allowed zones are limited to 50% of allowable monument sign area</p>	<ul style="list-style-type: none"> • Sign shall not exceed max illumination of 5,000 nits during daylight and max 500 nits between dusk and dawn • <u>Message can only change once every 15 minutes</u> – message must change instantaneously and must not use animation, scrolling, flashing, special effects, or changing degree of intensity of brightness or color • Message may only contain monochromatic text with background being darker color than the text. Neon or other high intensity colors may not be used for background • Graphics, logos, or pictures may not be used in the message
Cornelius	<p>Yes, civic signs in the following districts:</p> <p>HC (Highway Commercial) IC (Industrial Campus) NMX (Neighborhood mixed used) VC (Village Center) TN (Traditional Neighborhood) GR (General Residential) NR (Neighborhood Residential) RP (Rural Preservation)</p>	<ul style="list-style-type: none"> • Changeable face of sign shall not exceed 40% of the sign face. • Changeable copy continuously shows <u>one message for a minimum of 1 hour</u> before switching to another message, except for time and temperature • Sign shall not dim, flash, fade or scroll and not incorporate moving, rotating, fluttering, blinking or flashing elements animation, video or audio • Electronic signs shall only be affixed to ground mounted signs • Signs operate only 6:00am-11:00pm

Concord	Yes	<ul style="list-style-type: none"> • Electronic changeable copy area may be included on any conforming freestanding sign in the C-2, C-1, I-2, and I-1 districts • Area of electronic changeable copy is limited to 70% of total area of the sign face. • Electronic changeable copy sign shall meet the minimum NCDOT requirements for lighting and message duration contained in NC Administrative Code 2E.0203(3a-c & 4a (i-iii)².
Charlotte	Yes	<ul style="list-style-type: none"> • Marquee signs may contain changeable copy. • <u>Message shall not change more than once in a 24-hour time period</u> • Changeable copy highlighting special events on signs for cultural, civic, or recreational facilities shall not exceed 25% of the sign face area of a sign.
Matthews	Yes	<ul style="list-style-type: none"> • <u>Message can only change once every 4 hours</u>

1. A unit of measurement of luminance, or the intensity of visible light, where one nit is equal to one candela per square meter. Nits are used to describe the brightness of computer displays, such as LCD and CRT monitors.

2. (4) Automatic Changeable Facing Sign:

(a) Automatic changeable facing signs shall be permitted on the controlled routes under the following conditions:

- (i) The sign does not contain or display flashing, intermittent, or moving lights, including animated or scrolling advertising;
- (i) The changeable facing remains in a fixed position for at least eight seconds;
- (iii) If a message is changed electronically, it must be accomplished within an interval of two seconds or less;
- (iv) The sign is not placed within 1,000 feet of another automatic changeable facing sign on the same side of the highway;
- (v) The 1000-foot distance shall be measured along the nearest edge of the pavement and between points directly opposite the signs along each side of the highway;
- (vi) A legally conforming structure may be modified to an automatic changeable facing upon compliance with these standards and approval by the Department. Nonconforming or grandfathered structures shall not be modified to an automatic changeable facing;
- (vii) The sign must contain a default design that will freeze the sign in one position if a malfunction occurs; and
- (viii) The sign application meets all other permitting requirements.