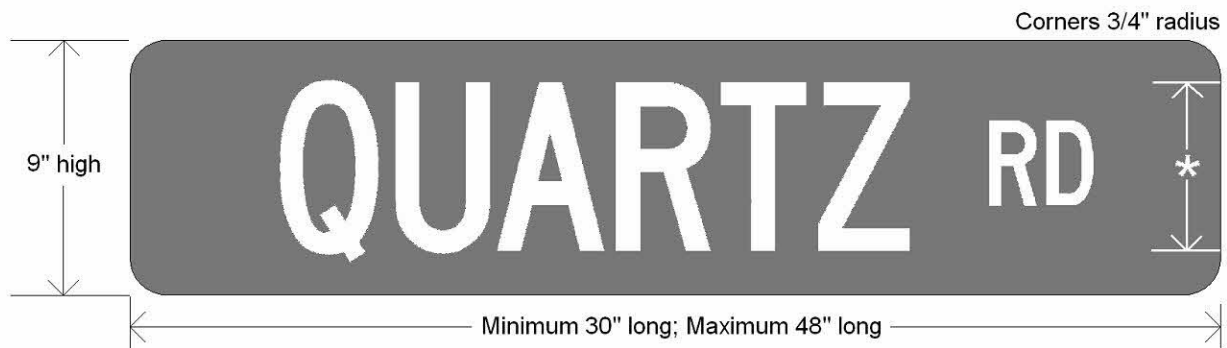


# Berkeley County Street Sign Specifications

## Signs for Private and Subdivision Streets Intersecting with a State-Maintained Road

The nameplate shall be a minimum height of nine (9) inches. The blank length to be used for a given street is the shortest length on which the name will fit when six (6) inch letters are used, except that the length shall be a minimum of thirty (30) inches.

The maximum length shall be forty-eight (48) inches, unless approved by Berkeley County Central Dispatch.



\* Letters 6 inches high Series C; Prefix and Suffix 3 inches high, centered vertically

Letter size and type shall conform to the Federal Highway Administration's Standard Alphabets for Traffic Control Devices, Series C 2000, contained in its publication, "Standard Highway Signs." The standard letter height for street names shall be six (6) inches. The standard letter height for suffix and prefix (if any) shall be three (3) inches. The prefix and suffix shall be placed so they are centered vertically. The letter series of the street named may be reduced from Series C to the narrower Series B when the use of Series C would require a size blank larger than forty-eight (48) inches. The spacing between words shall be the width of the letter "H" in the series used to make the sign.

## Signs for Private and Subdivision Streets NOT Intersecting with a State-Maintained Road (Roads within Subdivisions)

The nameplate shall be a minimum height of six (6) inches. The blank length to be used for a given street is the shortest length on which the name will fit when four (4) inch letters are used, except that the length shall be a minimum of twenty-four (24) inches.

The maximum length shall be forty-two (42) inches, unless approved by Berkeley County Central Dispatch.

Letter size and type shall conform to the Federal Highway Administration's Standard Alphabets for Traffic Control Devices, Series C 2000, contained in its publication, "Standard Highway Signs." The standard letter height for street names shall be four (4) inches. The standard letter height for suffix and prefix (if any) shall be two (2) inches. The prefix and suffix placement shall be centered vertically. The letter series of the street named may be reduced from Series C to the



narrower Series B when the use of Series C would require a size blank larger than forty-two (42) inches. The spacing between words shall be the width of the letter "H" in the series used to make the sign.

### General Sign Specifications

Signs shall consist of two (2) blank name plates of eight one-hundredths (0.080) inch thickness and consist of aluminum alloy, ALLOY 5052 H38 treated with "ALODINE 1200" chemical conversion coating process. All four corners of the street sign shall have a  $\frac{3}{4}$ " inch radius.

The sign background shall be High Intensity **GREEN** sheet reflective material, and letters shall be silver reflective sheeting, 3M brand or equivalent. The reflective material shall be applied to one (1) side of each treated blank nameplate with mechanical equipment in a manner specified by the sheeting manufacturer. The sign background shall be comprised of no more than one (1) piece of reflective sheeting. Reverse screen process color method of fabrication is acceptable, provided that only process colors are used that are approved by the sheeting manufacturer. Screen process colors shall be clear coated.

The street nameplates shall be mounted to the sign post by means of two (2) drive rivets with 0.375 (three-eighths) inch diameter holes required and also be adjoined at the corners by four (4) two-piece pop rivets with 0.25 (one-quarter) inch holes required. (See Hardware Specifications, below.)

The supplier, at its expense, must replace signs that are damaged as a result of poor packaging, rejected because of poor quality, or misspelled.

All street signs shall have a ten (10) year warranty.

### Street Sign Post Specifications

Street sign posts shall be of an FHWA-approved breakaway system design, consisting of an upper sign post (QUIK PUNCH post, as manufactured by Allied Tube and Conduit, or equal) and a lower anchor (as manufactured by Allied Tube and Conduit, or equal). Wall thickness for the street sign posts shall be 0.083 (eighty-three thousandths) inches. Weight of the street sign posts shall be 2.164 pounds per foot.

Upper sign posts shall be (14) fourteen gage, 2 by 2 inch square outside dimensions (O.D.) and ten (10) feet in length, and anchor posts shall be (12) twelve gage, 2.25 by 2.25 inch square

