

## CITY OF VAN BUREN, ARKANSAS

### STANDARDS FOR TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS

Traffic control signs and pavement markings shall meet the requirements of the MUTCD (latest edition). Signs and pavement markings shall conform to the traffic control plan provided by the City of Van Buren. All colors for signs shall match the colors specified in the MUTCD. The color and size of letters, symbols, borders and background on signs shall be as shown in these standards.

#### TRAFFIC CONTROL SIGNS

**SIGN PANELS.** Standard signs shall be fabricated without stiffeners on the back and shall be fabricated from a single sheet of aluminum alloy (ASTM B 209, Alloy 5052 H38). Sign blanks shall be 0.080" thick, flat, straight and within commercial tolerances established by the aluminum industry. Sign panels are to be reflectorized in accordance with AHTD Specification Section 723.

**LETTERING.** All legend which includes letters, numerals, symbols, arrows and border shall have a regular outline and be clean cut and sharp and shall have a continuous stroke and border without ragged or torn edges.

**POSTS.** Steel posts shall be U-section channel conforming to ASTM A 499, Grade 60. Posts shall weigh not less than 3.0 pounds per foot and shall be punched or drilled with 3/8" holes on 1" centers for the full length of the post. Posts shall be painted with green enamel. Posts shall be 10 feet length.

**FASTENERS AND BRACKETS.** Fasteners, including bolts, nuts, washers, post dips and stop nuts shall be stainless steel conforming to ASTM A 193, Grade B-8. Brackets shall be cast aluminum conforming to ASTM B 26.

**CONSTRUCTION REQUIREMENTS.** Signs shall be erected at the specified locations, plumb and have the required vertical and horizontal clearances. The bottom of each sign should be at least seven (7) feet above the ground and the edge of each sign should be at least two (2) feet behind the curb. Signs will normally be erected so that the sign face is vertical and at 93 degrees away from the center of the traffic lane. After sign installation is complete, the signs will be inspected by the City Engineer.

#### TRAFFIC PAINT PAVEMENT MARKINGS

**TRAFFIC MARKING PAINT.** Traffic marking paint shall be a ready mixed, reflectorized, white and yellow paint suitable for application on concrete and bituminous pavements. Traffic marking paint shall conform to the requirements of AHTD Specification Section 718.