



FIRE AND EMERGENCY SERVICES

Fire Route Signage and Installation Specifications

Construction and Design (Refer to Figure 5)

Sign Requirements:

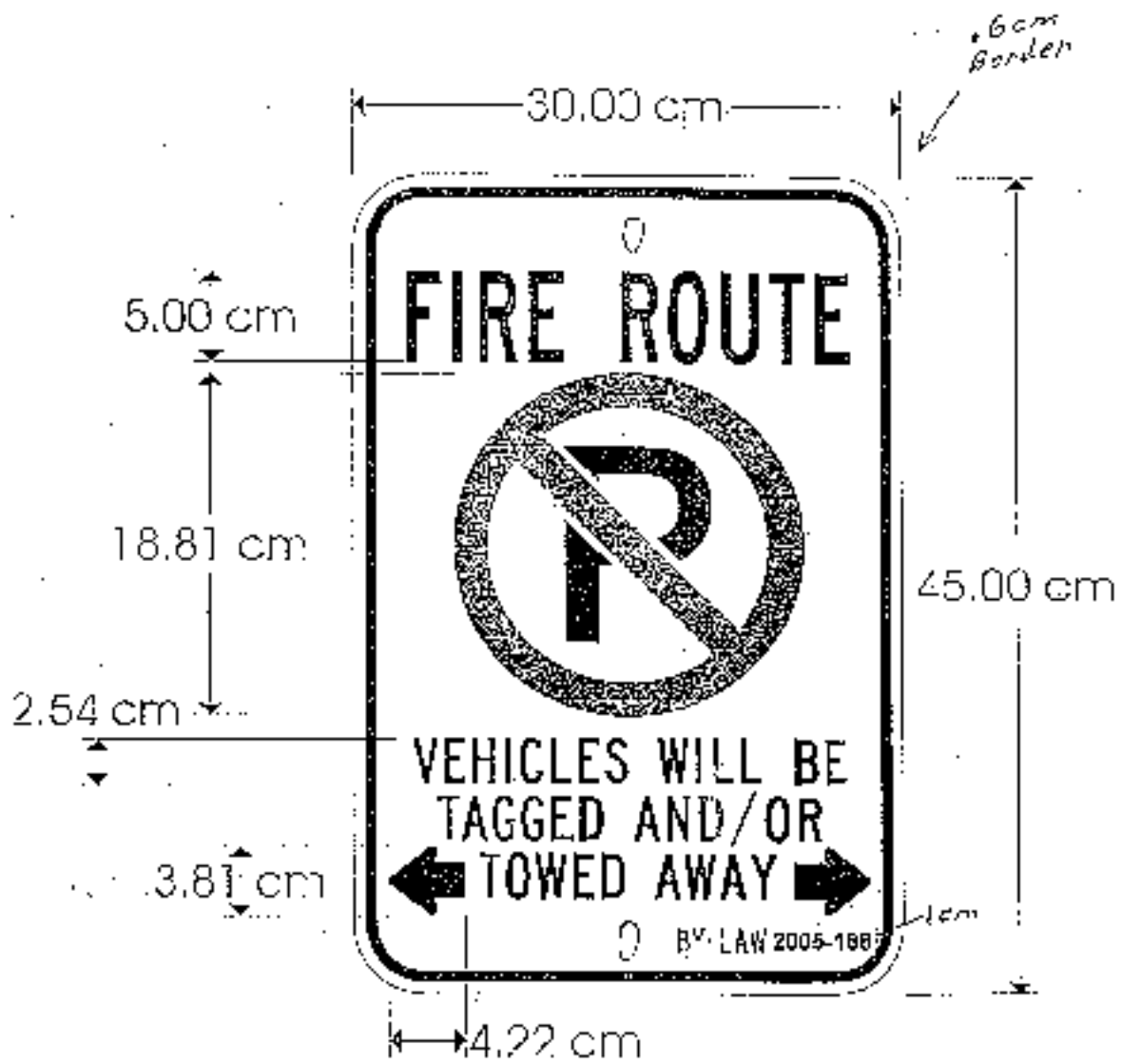
1. Signs shall comply with the attached Figure 5.
2. All sign blanks shall have appropriate radius. Corners as per diagram or 4 cm radius. All sharp edges removed.
3. Sign blanks and completed signs shall have 11mm x 18mm slotted holes to accept metric or imperial mounting with holes 3cm – 12cm from outer edge or as per diagram. Centre of mounting slots shall be equal to multiples of 5.08cm (2 inches) centrally located on blank. On steel blanks, fabrications shall be fabricated before galvanising as to prevent corrosion. On aluminium blanks, fabricating shall be performed prior to painting and baking.
4. Finished signs and symbols shall be applied to 1.63mm utility grade aluminium with bright white mill baked finish on both sides. All inks shall be glossy.
5. Faces to conform to Reg. 486 of the Highway Traffic Act.
6. All lettering to meet M.T.O. standards.
7. All colours to meet M.T.O. standards.

Installation Requirements:

1. Signs to be set at an angle of not less than 30° and not more than 45°, to a line parallel to the flow of traffic and should always be visible to approaching traffic.
2. Signs to be placed on either side (staggered) of the fire access route at intervals of not more than 30 metres (100 feet) apart.
3. Signs shall not exceed 2 metres (7 feet) and not less than 1.5 metres (5 feet) in height measured from the bottom of the sign to the finished pavement/grade.
4. Signs shall be installed at a maximum of 3 metres (10 feet) and a minimum of 1 metre (3 feet) measured horizontally from the curb.
5. Signs shall be installed so that there are no obstructions within 6 metres (20 feet) of the sign and be visible to approaching traffic.
6. Signs shall display single headed arrows pointing in the direction in which the regulation is in effect. An intermediate points throughout the regulated area,

double-headed arrows shall indicate that the prohibition or restriction exists in each direction.

7. All signage and installation of the Fire Access Route Sign must also conform to the requirements as outlined in the Town of Markham By-law #2005-188 as amended (parking by-law).



Red Circle, Black Text

Figure 5