



# CITY OF EAST GRAND RAPIDS

750 LAKESIDE DRIVE SE-EAST GRAND RAPIDS, MICHIGAN 49506

## Traffic Control Order #54

### Locations:

- Lake Drive and Bagley Avenue (East Grand Rapids High School)
- Lake Drive and Kenesaw Drive (East Grand Rapids Middle School)
- Lake Drive and Lovett Avenue (Wealthy Elementary School)
- Wealthy Street between Edgemere Drive and Greenwood Avenue (Wealthy Elementary School)
- Hall Street west of Breton Road (Lakeside Elementary School)
- Breton Road and Berwyck Road (Breton Downs Elementary School)
- Franklin Street and Gladstone Drive (St. Stephen School)

**Order:** See attached policy and guidelines for use of *In-Street Pedestrian School Crossing Signs*.

**Background:** The city traffic engineering consultant recently completed a comprehensive review of all school crosswalk locations citywide with respect to permanent design features, signage, pavement markings, etc. utilizing the Michigan Manual on Uniform Traffic Control Devices (MMUTCD) and the National Association of City Transportation Officials (NACTO) urban street design guide. These manuals/sources and others are based on thorough case studies to provide guidance for use/application of traffic control devices based on criteria/variables for specific environments. Traffic control device installation in one setting does not translate to use in another. Variables that are reviewed to determine what is most appropriate for each location are traffic speeds, crossing distance, number of lanes, visibility, traffic and pedestrian volumes, accident history and road geometry.

As part of the review process the Infrastructure Committee has discussed the use of *In-Street Pedestrian School Crosswalk Signs* at the designated school crosswalk locations not controlled by stop signs, yield signs or traffic signals. The policy and guidelines will help to further promote awareness and enhance safety during the brief time periods where spikes in pedestrian crossings take place and create a uniform approach with respect to use and placement within the community.

The City has also undertaken educational outreach steps to help educate and promote pedestrian safety. This year the City partnered with East Grand Rapids Public Schools and the East Grand Rapids Community Foundation to create several educational videos to provide tips for commuting to school safely. These videos have been completed and are currently being used.

The City Commission approved recommendations through a traffic control order based on the traffic engineering review of school crosswalk locations. This approval was subject to receipt of a chart/description of outlining variables for traffic control applications and a policy regarding the use of *In-Street Pedestrian School Crossing Signs*.

Submitted by: Doug La Fave, Department of Public Works

City Commission Approved: October 15, 2018

Installation Completed-Ongoing by: Department of Public Safety-Crossing Guard Program-  
Starting January of 2019.

Distribution:      City Clerk  
                         Public Safety



# CITY OF EAST GRAND RAPIDS

750 LAKESIDE DRIVE SE-EAST GRAND RAPIDS, MICHIGAN 49506

## Policy and Guidelines for the Use of In-Street Signs in School Areas

### A. Purpose & Objective:

The purpose of this policy is to allow the usage of and give guidance for the installation of In-Street Pedestrian School Crossing Signs (R1-6b) in accordance with the Michigan Manual on Uniform Traffic Control Devices (MMUTCD). The In-Street Pedestrian School Crossing Signs (R1-6b) may be used to remind traveling motorists of the Michigan Uniform Traffic Code (adopted by the City of East Grands under Chapter 101 Title X Section 10.5 and 10.6) whereby:

*R 28.1702 Rule 702. Pedestrians; right-of-way in crosswalk; violation as civil infraction.*

*(1) When traffic-control signals are not in place or are not in operation, the driver of a vehicle shall yield the right-of-way, slowing down or stopping if need be to so yield, to a pedestrian crossing the roadway within a crosswalk when the pedestrian is on the half of the roadway on which the vehicle is traveling or when the pedestrian is approaching so closely from the opposite half of the roadway as to be in danger, but a pedestrian shall not suddenly leave a curb or other place of safety and walk or run into a path of a vehicle that is so close that it is impossible for the driver to yield.*

*(2) A person who violates this rule is responsible for a civil infraction.*

It should be noted that studies show that excessive use of signs and pavement markings can substantially reduce the effectiveness of such devices. Therefore, a consistent application of this policy will serve both motorists and pedestrians in the City.

### B. Conditions for Use/Placement:

In-Street Pedestrian School Crossing Signs (R1-6b) shall be considered for use under the following criteria:

1. The signs shall not be used on approaches controlled by stop signs, yield signs or traffic control signals.
2. The signs shall only be used at existing designated school crossings to supplement permanent ground mounted school crossing signs (S1-1 with W16-7P) at the following locations:
  - Lake Drive and Bagley Avenue (East Grand Rapids High School)
  - Lake Drive and Kenesaw Drive (East Grand Rapids Middle School)
  - Lake Drive and Lovett Avenue (Wealthy Elementary School)
  - Wealthy Street between Edgemere Drive and Greenwood Avenue (Wealthy Elementary School)
  - Hall Street west of Breton Road (Lakeside Elementary School)
  - Breton Road and Berwyck Road (Breton Downs Elementary School)
  - Franklin Street and Gladstone Drive (St. Stephen School)
3. The signs shall be used in accordance with the EGRPS school schedule and as is practical

during winter months due to safety issues with respect to snow accumulation and snow removal operations.

4. Signs will only be placed prior to peak school crossing times by certified/trained school crossing guards in accordance with the crossing guard schedule who are assigned to or nearby approved locations. Signs will be removed immediately after those individual peak crossing times or as practical for use.

C. Technical Requirements:

1. The installation shall not interfere with the visibility and general effectiveness of any other signs in the area.
2. Only one sign structure shall be used per approach at the designated marked crosswalks.
3. All elements of the In-Street Pedestrian School Crossing Signs (R1-6b) shall conform to the guidance and standards as outlined in the latest edition of the MMUTCD.

D. Removal of Signs:

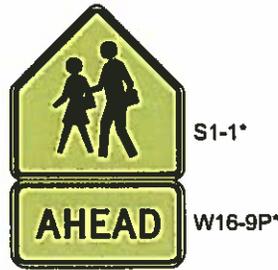
In-Street Pedestrian Crossing Signs (R1-6b) may be moved or removed when the following conditions exist:

1. Street redesign warrants crosswalk location changes.
2. School building use, location or redesign changes.

Effective Date Approved by the City Commission: October 15, 2018

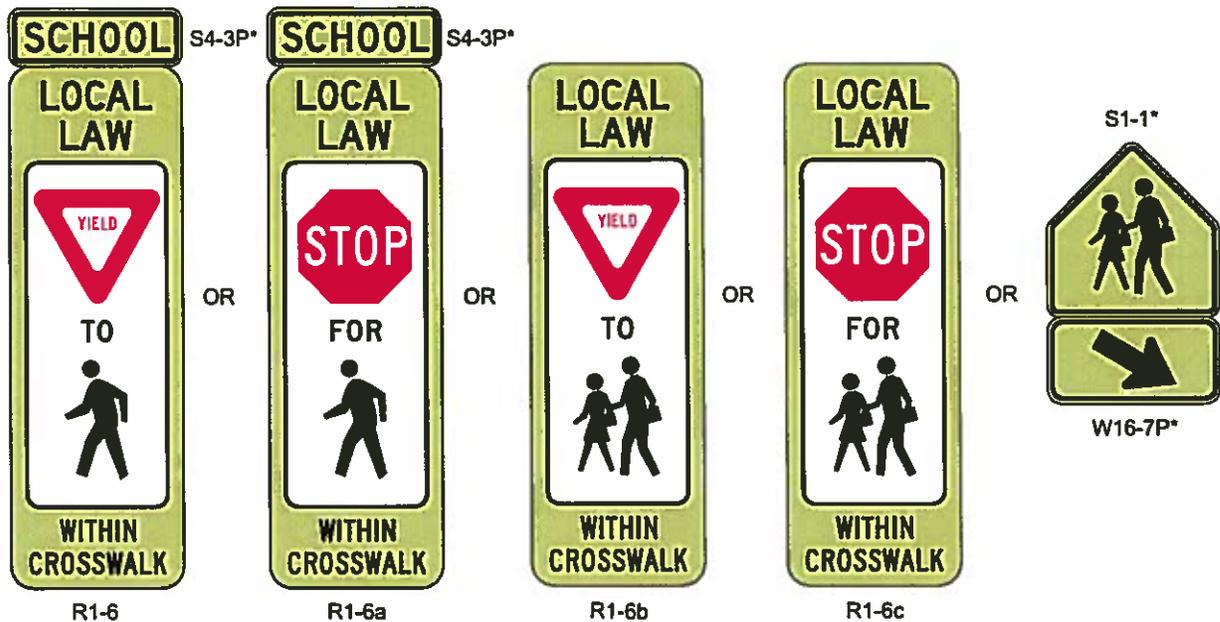
Figure 7B-6. In-Street Signs in School Areas

A - In advance of the school crossing



- \* Reduced size signs:
- S1-1 12 x 12 inches
  - S4-3P 12 x 4 inches
  - W16-7P 12 x 6 inches
  - W16-9P 12 x 6 inches

B - At the school crossing



Notes:

1. The use of the LOCAL LAW legend is optional on the R1-6 series signs (see Section 7B.12).
2. The use of the SCHOOL plaque above the R1-6 and R1-6a signs is optional.

05 A 12-inch reduced size in-street School (S1-1) sign (see Figure 7B-6), installed in compliance with the mounting height and special mounting support requirements for In-Street Pedestrian Crossing (R1-6) signs (see Section 2B.12), may be used in advance of a school crossing to supplement the post-mounted school warning signs. A 12 x 6-inch reduced size AHEAD (W16-9P) plaque may be mounted below the reduced size in-street School (S1-1) sign.

**Section 7B.12 School Crossing Assembly**

Standard:

- 01 The School Crossing assembly (see Figure 7B-1) shall be installed at established marked crosswalk(s) (see Figures 7B-4 and 7B-5), or as close to it as possible as per Section 257.613a of the "Michigan Vehicle Code", and shall consist of a School (S1-1) sign supplemented with a diagonal downward pointing arrow (W16-7P) plaque to show the location of the crossing.
- 02 The School Crossing assembly shall not be used at crossings other than those adjacent to schools and those on established school pedestrian routes.
- 03 The School Crossing assembly shall not be installed on approaches controlled by a STOP or YIELD sign.

## **Adult Crossing Guard Schedule**

|                            |  |
|----------------------------|--|
| <b>Boston/York</b>         | <b>7:50 - 8:20 am</b><br><b>3:15 - 3:45 pm</b> |
| <b>Boston/Breton</b>       | <b>7:50 - 8:20 am</b><br><b>3:15 - 3:45 pm</b> |
| <b>Hall/Breton</b>         | <b>7:50 - 8:20 am</b><br><b>3:15 - 3:45 pm</b> |
| <b>Lake Drive/Breton</b>   | <b>7:25 - 7:55 am</b><br><b>2:50 - 3:50 pm</b> |
| <b>Lake Drive/Lovett</b>   | <b>7:50 - 8:20 am</b><br><b>3:15 - 3:45 pm</b> |
| <b>Lake Drive/Plymouth</b> | <b>7:45 - 8:15 am</b><br><b>3:20 - 3:50 pm</b> |
| <b>Wealthy Condos</b>      | <b>7:50 - 8:20 am</b><br><b>3:15 - 3:45 pm</b> |
| <b>Franklin/Gladstone</b>  | <b>7:35 - 8:05 am</b><br><b>2:55 - 3:20 pm</b> |