



# National Committee on Uniform Traffic Control Devices

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## National Committee on Uniform Traffic Control Devices (NCUTCD) Recommended Changes to Proposed Text for 11<sup>th</sup> Edition of the MUTCD Docket Number: FHWA-2020-0001

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**Federal Register Item Number:** 520, 521, 522, 524, 525

**NPA MUTCD Section Numbers:** 7B.01, 7B.02, 7B.03, 7B.04, 7B.05, 7B.06, and 7B.07

**Summary:** Summary of changes shown in docket comment

**Legend:** Base text shown in proposal is the NPA “clean” proposed text.

- Addition to NPA text: Added text proposed by NCUTCD.
- Deletion of NPA text: ~~Deleted text proposed by NCUTCD.~~
- Moving NPA text: Moved text proposed by NCUTCD.
- NPA text added by FHWA and not previously approved by Council: NPA text not previously approved by Council but recommended for approval.
- Explanatory note (normally accompany each change within the NPA text): **[Note that explains purpose of recommended change.]**
- References in 00X-XXX-00 format refer to previous NCUTCD recommendations approve by Council and sent to FHWA, which may be seen on the NCUTCD website at <https://ncutcd.org>.

The following pages present NCUTCD recommendations for changes to the MUTCD NPA proposed text and figures for Chapter 7B. Below is a summary of the NCUTCD position for each section of this chapter. A more detailed summary is provided at the beginning of each section.

- NPA #520: Section 7B.01. Changes recommended based on Council action in spring 2021
- NPA #521: Section 7B.02. Changes recommended based on Council action in spring 2021
- NPA #522: Section 7B.03. Changes recommended based on Council action in spring 2021
- NPA #523: Section 7B.04. NCUTCD agrees with NPA content
- NPA #524: Section 7B.05. Changes recommended based on Council action in spring 2021
- NPA #525: Section 7B.06. Changes recommended based on Council action in spring 2021
- NPA #NA: Section 7B.07. NCUTCD agrees with NPA content

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**Section 7B.01 Comments:** NCUTCD generally agrees with new section 7B.01 that was relocated from other 7B sections as presented in the NPA with minor editorial comments.

### Section 7B.01 Design of School Signs

41 **Standard:**

42 **Except as provided in Section 2A.07, the sizes of signs and plaques to be used on**  
43 **conventional roadways in school areas shall be as shown in Table 7B-1.**

44 **Option:**

45 Signs and plaques larger than those shown in Table 7B-1 may be used (see Section 2A.07).

46 **Standard:**

47 **School warning signs, including the “SCHOOL” portion of the School Speed Limit (S5-**  
48 **1) sign and including any supplemental plaques used in association with these warning**  
49 **signs, shall have a fluorescent yellow-green background with a black legend and border**  
50 **unless otherwise provided in this Manual for a specific sign.**

51 **The signs used for school area traffic control shall be retroreflective or illuminated.**

52 **Support:**

53 Sections 2A.12 and 2A.13 contain provisions regarding the installation, placement, and  
54 location of signs.

55 Section 2A.14 contains provisions regarding the mounting height of signs.

56 Section 2A.15 contains provisions regarding the lateral offsets of signs.

57 The “Standard Highway Signs ~~and Markings~~” [publication book](#) (see Section 1A.05) contains  
58 information regarding sign lettering.

59 **Option:**

60 In-roadway signs for school traffic control areas may be used consistent with the  
61 requirements of Sections 2B.21 and 7B.03.

**Table 7B-1. School Area Sign and Plaque Sizes**

Sign	Sign Designation	Section	Conventional Road	Minimum	Oversized
School	S1-1	7B.02	36 x 36	30 x 30	48 x 48
School Bus Stop Ahead	S3-1	7B.04	36 x 36	30 x 30	48 x 48
School Bus Turn Ahead	S3-2	7B.04	36 x 36	30 x 30	48 x 48
Reduced School Speed Limit Ahead	S4-5, S4-5a	7B.06	36 x 36	30 x 30	48 x 48
School Speed Limit XX When Flashing	S5-1	7B.06	24 x 48	—	36 x 72
End School Zone	S5-2	7B.02	24 x 30	—	36 x 48
End School Speed Limit	S5-3	7B.06	24 x 30	—	36 x 48
Stop for School Bus When Red Lights Flash	S5-4	7B.05	36 x 42	30 x 36	48 x 54
Yield (Stop) Here for School Crossing	R1-5a, R1-5c	7B.03	36 x 36	—	36 x 36
In-Street Ped Crossing	R1-6, R1-6a, R1-6b, R1-6c	7B.03	12 x 36	—	—
Speed Limit (School Use)	R2-1	7B.06	24 x 30	—	36 x 48
Begin Higher Fines Zone	R2-10	7B.02	24 x 30	—	36 x 48
End Higher Fines Zone	R2-11	7B.02	24 x 30	—	36 x 48

Plaque	Sign Designation	Section	Conventional Road	Minimum	Oversized
XXXX to XXXX AM XXXX to XXXX PM	S4-1P	7B.02	24 x 10	—	36 x 18
When Children Are Present	S4-2P	7B.02	24 x 10	—	36 x 18
School	S4-3P	7B.02, 7B.06	24 x 8	—	36 x 12
When Flashing	S4-4P	7B.02, 7B.06	24 x 10	—	36 x 18
Mon-Fri	S4-6P	7B.06	24 x 10	—	36 x 18
All Year	S4-7P	7B.02	24 x 12	—	30 x 18
Fines Higher	R2-6P	7B.02, 7B.06	24 x 18	—	36 x 24
Fines Double	R2-6aP	7B.02, 7B.06	24 x 18	—	36 x 24
\$XX Fine	R2-6bP	7B.02, 7B.06	24 x 18	—	36 x 24
XX Feet	W16-2P	7B.02, 7B.03	24 x 18	—	30 x 24
XX Ft	W16-2aP	7B.02, 7B.03	24 x 12	—	30 x 18
Turn Arrow	W16-5P	7B.02, 7B.03	24 x 12	—	30 x 18
Advance Turn Arrow	W16-6P	7B.02, 7B.03	24 x 12	—	30 x 18
Diagonal Arrow	W16-7P	7B.02, 7B.03	24 x 12	—	30 x 18
Diagonal Arrow (optional size)	W16-7P	7B.02, 7B.03	21 x 15	—	—
Ahead	W16-9P	7B.02, 7B.03	24 x 12	—	30 x 18

Note: 1. Larger sizes may be used when appropriate  
 2. Dimensions are shown in inches and are shown as width x height  
 3. Minimum sign sizes for multi-lane conventional roads shall be as shown in the Conventional Road column

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NCUTCD agrees with Table 7B-1 as presented in the NPA.

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66 **Section 7B.02 Comments:** NCUTCD agrees with combining 2009 MUTCD sections 7B.08 to  
67 **7B.10 into one section 7B.02 with a new title.**

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69 **Section 7B.02 School Area Signs and Plaques**

70 Support:

71 Many state and local jurisdictions find it beneficial to advise road users that they are  
72 approaching a school that is adjacent to a highway, where additional care is needed, even though  
73 no school crossing is involved and the speed limit remains unchanged. Additionally, some  
74 jurisdictions designate school zones that have a unique legal standing in that fines for speeding  
75 or other traffic violations within designated school zones are increased or special enforcement  
76 techniques such as photo radar systems are used. It is important and sometimes legally necessary  
77 to mark the beginning and end points of these designated school zones so that the road user is  
78 given proper notice.

79 The School (S1-1) sign (see Figure 7B-1) has the following four applications:

- 80 A. School Area – the S1-1 sign can be used to warn road users that they are  
81 approaching a school area that might include school buildings or grounds, a school  
82 crossing, or school related activity adjacent to the highway.
- 83 B. School Zone – the S1-1 sign can be used to identify the location of the beginning  
84 of a designated school zone.
- 85 C. School Advance Crossing – if combined with an AHEAD (W16-9P) plaque or an  
86 XX FEET (W16-2P or W16-2aP) plaque to comprise the School Advance Crossing  
87 assembly, the S1-1 sign can be used to warn road users that they are approaching a  
88 crossing where schoolchildren cross the roadway (see Section 7B.03).
- 89 D. School Crossing – if combined with a diagonal downward pointing arrow (W16-  
90 7P) plaque to comprise the School Crossing assembly, the S1-1 sign can be used to warn  
91 approaching road users of the location of a crossing where schoolchildren cross the  
92 roadway (see Section 7B.03).

93 Option:

94 If a school area is located on a cross street in close proximity to the intersection, a School (S1-  
95 1) sign with a supplemental arrow (W16-5P or W16-6P) plaque may be installed on each approach  
96 of the street or highway to warn road users making a turn onto the cross street that they will  
97 encounter a school area soon after making the turn.

98 **Standard:**

99 **If a school zone has been designated under State or local statute, a School (S1-1) sign (see**  
100 **Figure 7B-1) shall be installed to identify the beginning point(s) of the designated school**  
101 **zone (see Figure 7B-2).**

102 Option:

103 A School Zone (S1-1) sign may be supplemented with a SCHOOL (S4-3P) plaque (see  
104 Figure 7B-1).

105 A School Zone (S1-1) sign may be supplemented with an ALL YEAR (S4-7P) plaque (see  
106 Figure 7B-1) if the school operates on a 12-month schedule.

107 The downstream end of a designated school zone may be identified with an END SCHOOL  
108 ZONE (S5-2) sign (see Figures 7B-1 and 7B-2).

109 If a school zone is located on a cross street in close proximity to the intersection, a School  
110 Zone (S1-1) sign with a supplemental arrow (W16-5P or W16-6P) plaque may be installed on  
111 each approach of the street or highway to warn road users making a turn onto the cross street that  
112 they will encounter a school zone soon after making the turn.

113 *Guidance:*

114 *Where increased fines are imposed for traffic violations within a reduced designated school*  
115 *zone, a BEGIN HIGHER FINES ZONE (R2-10) sign (see Figure 7B-1) or a FINES HIGHER*  
116 *(R2-6P), FINES DOUBLE (R26aP), or \$XX FINE (R2-6bP) plaque (see Figure 2B-3) should be*  
117 *installed as a supplement to the School Zone (S1-1) sign to identify the beginning point of the*  
118 *higher fines zone (see Figures 7B-2 and 7B-3).*

119 *If the portion of the roadway that is subject to higher fines does not begin at the location of*  
120 *the School Zone (S1-1) sign, a BEGIN HIGHER FINES ZONE (R2-10) sign should be placed at*  
121 *the point where the higher fines begin.*

122 *Option:*

123 *If a BEGIN HIGHER FINES ZONE (R2-10) sign is used, a FINES HIGHER (R2-6P),*  
124 *FINES DOUBLE (R2-6aP), or \$XX FINE (R2-6bP) plaque may be placed beneath the School*  
125 *Zone (S1-1) sign.*

126 Where appropriate, one of the following plaques may be mounted below the sign that  
127 identifies the beginning point of the higher fines zone:

- 128 A. An S4-1P plaque (see Figure 7B-1) specifying the times that the higher fines are in effect,  
129 B. A WHEN CHILDREN ARE PRESENT (S4-2P) plaque (see Figure 7B-1), or  
130 C. A WHEN FLASHING (S4-4P) plaque (see Figure 7B-1) if used in conjunction with a  
131 yellow flashing beacon.

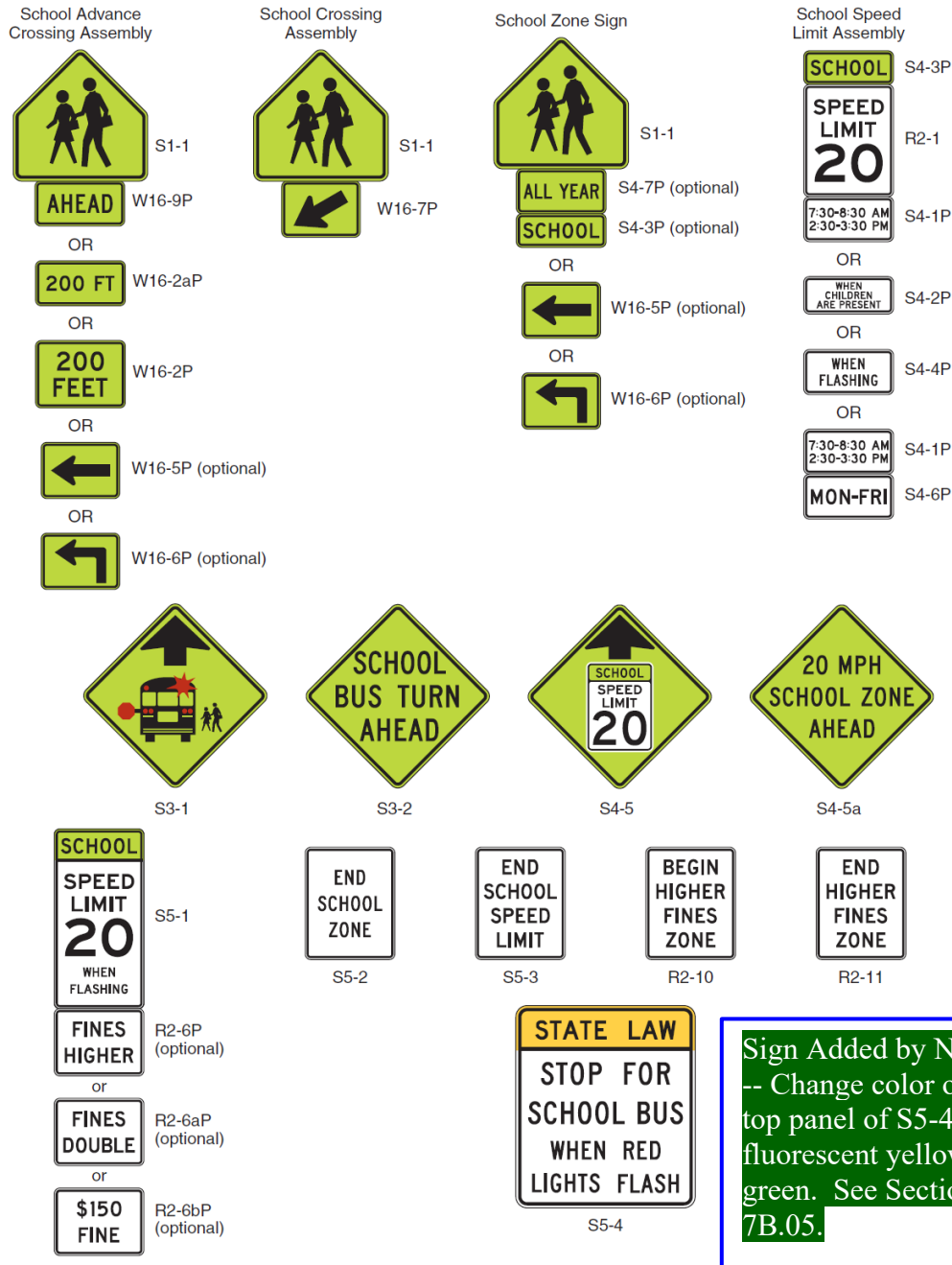
132 **Standard:**

133 **Where a BEGIN HIGHER FINES ZONE (R2-10) sign or a FINES HIGHER (R2-6P),**  
134 **FINES DOUBLE (R2-6aP), or \$XX FINE (R2-6bP) plaque supplementing a School Zone**  
135 **(S1-1) sign is posted to notify road users of increased fines for traffic violations, an END**  
136 **HIGHER FINES ZONE (R2-11) sign (see Figure 7B-1) or an END SCHOOL ZONE (S5-2)**  
137 **sign shall be installed at the downstream end of the zone to notify road users of the**  
138 **termination of the increased fines zone (see Figures 7B-2 and 7B-3).**

139 **If exceeding the speed limit is the only traffic violation that is subject to higher**  
140 **fines, a FINES HIGHER (R2-6P), FINES DOUBLE (R2-6aP), or \$XX FINE (R2-6bP)**  
141 **plaque shall not be posted beneath the School Zone (S1-1) sign.**

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Figure 7B-1. School Area Signs



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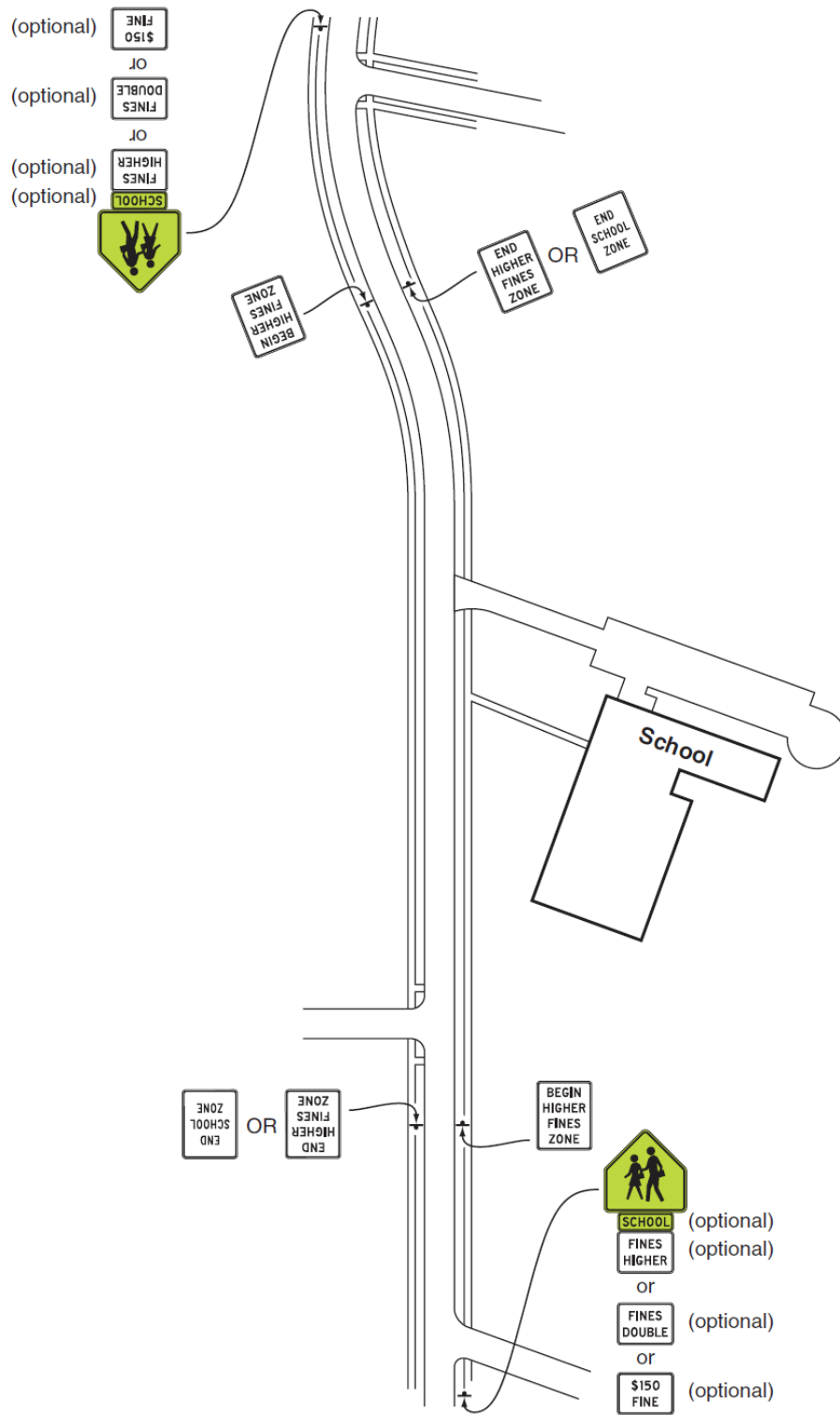
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NCUTCD generally agrees with Figure 7B-1, except that the color of the “State Law” region on sign S5-4 is recommended to be changed to fluorescent yellow green.

Figure 7B-2. Example of Signing for a Higher Fines School Zone without a School Crossing



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NCUTCD agrees with Figure 7B-2 as presented in the NPA.

**Figure 7B-3. Example of Signing for a Higher Fines School Zone with a School Speed Limit**



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NCUTCD agrees with Figure 7B-3 as presented in the NPA.



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**Section 7B.03 Comments:** NCUTCD generally agrees with 7B.03 which is a combination of the 2009 MUTCD Sections 7B.11 and 7B.12 with a new section title, except NCUTCD recommends deletion of the word “multilane” regarding the use of the R1-5a and R1-5c signs to allow for usage at single lane approaches in accordance with NCUTCD recommendation 18A-RW-01.

**Section 7B.03 School Crossing Signs**

**Standard:**

The School Advance Crossing assembly (see Figure 7B-1) shall consist of a School (S1-1) sign supplemented with an AHEAD (W16-9P) plaque or an XX FEET (W16-2P or W16-2aP) plaque.

Except as provided in Paragraph 3, a School Advance Crossing assembly shall be used in advance (see Table 2C-4 for advance placement guidelines) of the first School Crossing assembly (see Section 7B.12) that is encountered in each direction as traffic approaches a school crosswalk (see Figure 7B-4).

**Option:**

The School Advance Crossing assembly may be omitted (see Figure 7B-5) where a School Zone (S1-1) sign (see Section 7B.09) is installed to identify the beginning of a school zone in advance of the School Crossing assembly.

If a school crosswalk is located on a cross street in close proximity to an intersection, a School Advance Crossing assembly with a supplemental arrow (W16-5P or W16-6P) plaque may be installed on each approach of the street or highway to warn road users making a turn onto the cross street that they will encounter a school crosswalk soon after making the turn.

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 InStreet Pedestrian Crossing (R1-6 or R1-6a) signs (see Section 2B.1220), 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 (W169P) plaque may be mounted below the reduced size in-street School (S1-1) sign.

**Standard:**

If used, the School Crossing assembly (see Figure 7B-1) shall be installed at the school crossing (see Figures 7B-4 and 7B-5), or as close to it as possible, 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.

The School Crossing assembly shall not be used at crossings other than those adjacent to schools and those on established school pedestrian routes.

The School Crossing assembly shall not be installed on an approach controlled by a STOP sign.

**Guidance:**

The School Crossing assembly should not be installed on an approach controlled by a YIELD sign.

196 Option:

197 The School Crossing assembly may be installed on an approach to a roundabout where the  
198 crosswalk is at least one car length in advance of the yield point at the entrance to the  
199 roundabout.

200 At a signalized or Stop-controlled intersection the School Crossing assembly may be  
201 installed on an approach to a channelized right turn lane controlled by a YIELD sign.

202 A Yield Here To (Stop Here For) Pedestrians (R1-5a or R1-5c) sign (see Figure 7B-6) may  
203 be used, in accordance with the provisions of Section 2B.20, in advance of a marked crosswalk  
204 that crosses an uncontrolled ~~multi-lane~~ approach within school zones. (recommend deletion of  
205 “multi-lane” per 18A-RW-01 to allow R1-5a or R1-5c signs at any uncontrolled approach)

206 The In-Street Pedestrian Crossing (R1-6 or R1-6a) sign (see Section 2B.1220 (change figure  
207 reference) and Figure 7B-6) or the In-Street School Crossing (R1-6b or R1-6c) sign (see Figure  
208 7B-6) may be used at school crossings on approaches that are not controlled by a traffic control  
209 signal, a pedestrian hybrid beacon, or an emergency vehicle hybrid beacon. If used at a school  
210 crossing, a 12 x 4-inch SCHOOL (S4-3P) plaque (see Figure 7B-6) may be mounted above the  
211 sign. The STATE LAW legend on the R1-6 series signs may be omitted.

212 The In-Street Pedestrian Crossing (R1-6 or R1-6a) sign or In-Street School Crossing (R1-6b  
213 or R1-6c) sign may be used at intersections or midblock crossings with flashing beacons.

214 The Overhead School Crossing (R1-9b or R1-9c) sign used at school crossings on  
215 approaches that are not controlled by a traffic control signal, pedestrian hybrid beacon, or an  
216 emergency vehicle hybrid beacon. The STATE LAW legend on the R1-9 series signs may be  
217 omitted.

218 A 12-inch reduced size in-street School (S1-1) sign (see Figure 7B-6) may be used instead of  
219 the In-Street Pedestrian Crossing (R1-6 or R1-6a) or the In-Street School Crossing (R1-6b or R1-  
220 6c) sign at a school crossing on approaches that are not controlled by a traffic control signal,  
221 pedestrian hybrid beacon, or an emergency vehicle hybrid beacon. A 12 x 6-inch reduced size  
222 diagonal downward pointing arrow (W16-7P) plaque may be mounted below the reduced size in-  
223 street School (S1-1) sign.

224 **Standard:**

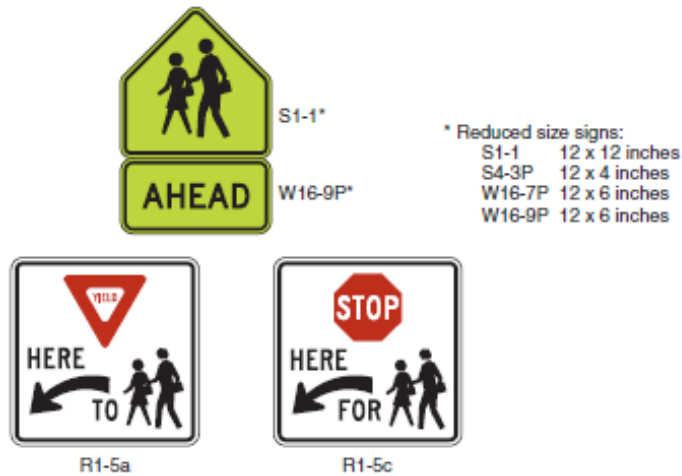
225 **If an In-Street Pedestrian Crossing sign, an In-Street School Crossing sign, or a**  
226 **reduced size in-street School (S1-1) sign is placed in the roadway, the sign support shall**  
227 **comply with the mounting height and special mounting support requirements for In-Street**  
228 **Pedestrian Crossing (R1-6 or R1-6a) signs (see Section 2B.1220). (change section reference)**

229 **The In-Street Pedestrian Crossing sign, the In-Street Schoolchildren Crossing sign, the**  
230 **Overhead Pedestrian Crossing sign, and the reduced size in-street School (S1-1) sign shall**  
231 **not be used on approaches that are controlled by a traffic control signal, pedestrian hybrid**  
232 **beacon, or an emergency vehicle hybrid beacon.**

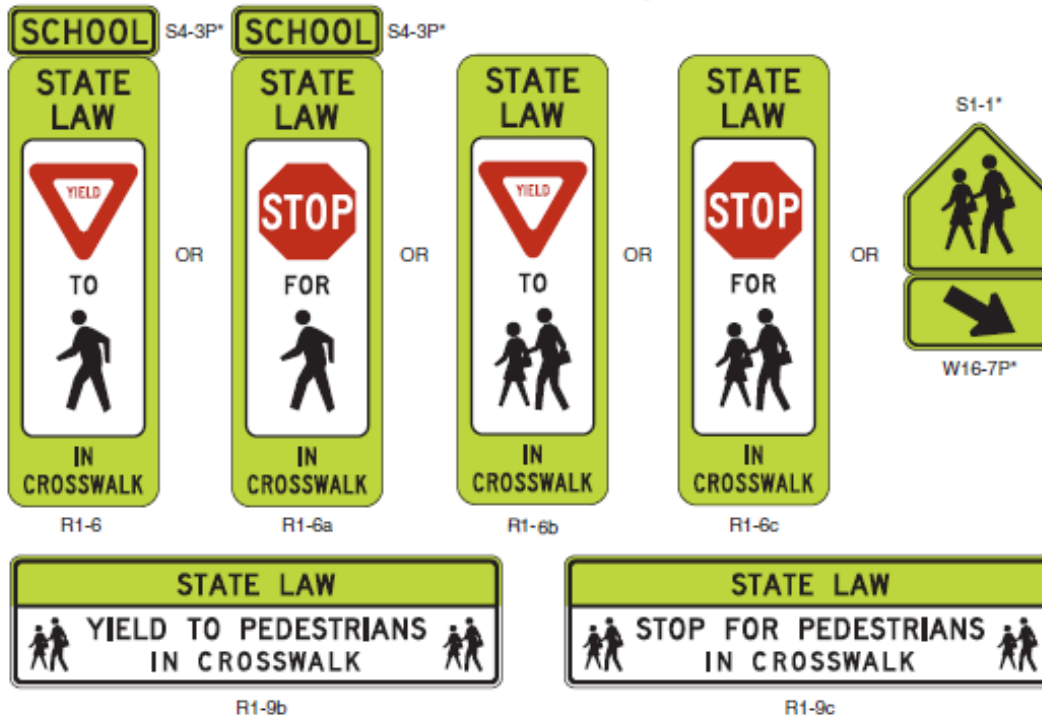
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**Figure 7B-6. Pedestrian Crossing Signs in School Areas**

**A - In advance of the school crossing**



**B - At the school crossing**



Notes:

1. The use of the STATE 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.
3. Signs are not shown in proportion to their designated sizes.

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NCUTCD agrees with Figure 7B-6 as presented in the NPA.

239 **Section 7B.04 Comments:** NCUTCD agrees with 7B.04 as presented in the NPA.

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241 **Section 7B.04 School Bus Stop Signs**

242 *Guidance:*

243 *The School Bus Stop Ahead (S3-1) sign (see Figure 7B-1) should be installed in advance of*  
244 *locations where a school bus, when stopped to pick up or discharge passengers, is not visible to*  
245 *road users for an adequate distance and where there is no opportunity to relocate the school bus*  
246 *stop to provide adequate sight distance.*

247 Option:

248 The SCHOOL BUS TURN AHEAD (S3-2) sign (see Figure 7B-1) may be installed in  
249 advance of locations where a school bus turns around on a roadway at a location not visible to  
250 approaching road users for a distance as determined by the “0” column under Condition B of  
251 Table 2C-4, and where there is no opportunity to relocate the school bus turn around to provide  
252 the distance provided in Table 2C-4.

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255 **Section 7B.05 Comments:** NCUTCD agrees with 7B.05 except:

- 256 • Change the title of the section to reflect the sign legend
- 257 • Change the “State Law” legend from Standard to Option in accordance with NCUTCD  
258 recommendation 10A-RW-01
- 259 • Change the top region on the S5-4 sign to fluorescent yellow green

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261 **Section 7B.05** ~~SCHOOL BUS STOP WHEN FLASHING SIGN~~ **STOP FOR SCHOOL BUS**  
262 **WHEN RED LIGHTS FLASH Sign (S5-4)** (change title to appropriate sign name and standard  
263 title format)

264 Option:

265 A “STOP FOR SCHOOL BUS WHEN RED LIGHTS FLASH” (S5-4) sign (see Figure 7B-  
266 1) may be used to remind drivers of the requirement to stop for school buses when the flashing  
267 red lights on the school bus are in operation;  
268 (minor editorial comment to add reference to Figure 7B-1)

269 The legend “STATE LAW” may be added on the top line of the sign with black letters on  
270 fluorescent yellow-green background.

271 **Standard:**

272 ~~The legend “STATE LAW” shall be used with black letters on yellow background on~~  
273 ~~the top line of the sign.~~

274 (revise to Option per 10A-RW-01 and change color of top region to fluorescent yellow-green for  
275 consistency with other school signing)

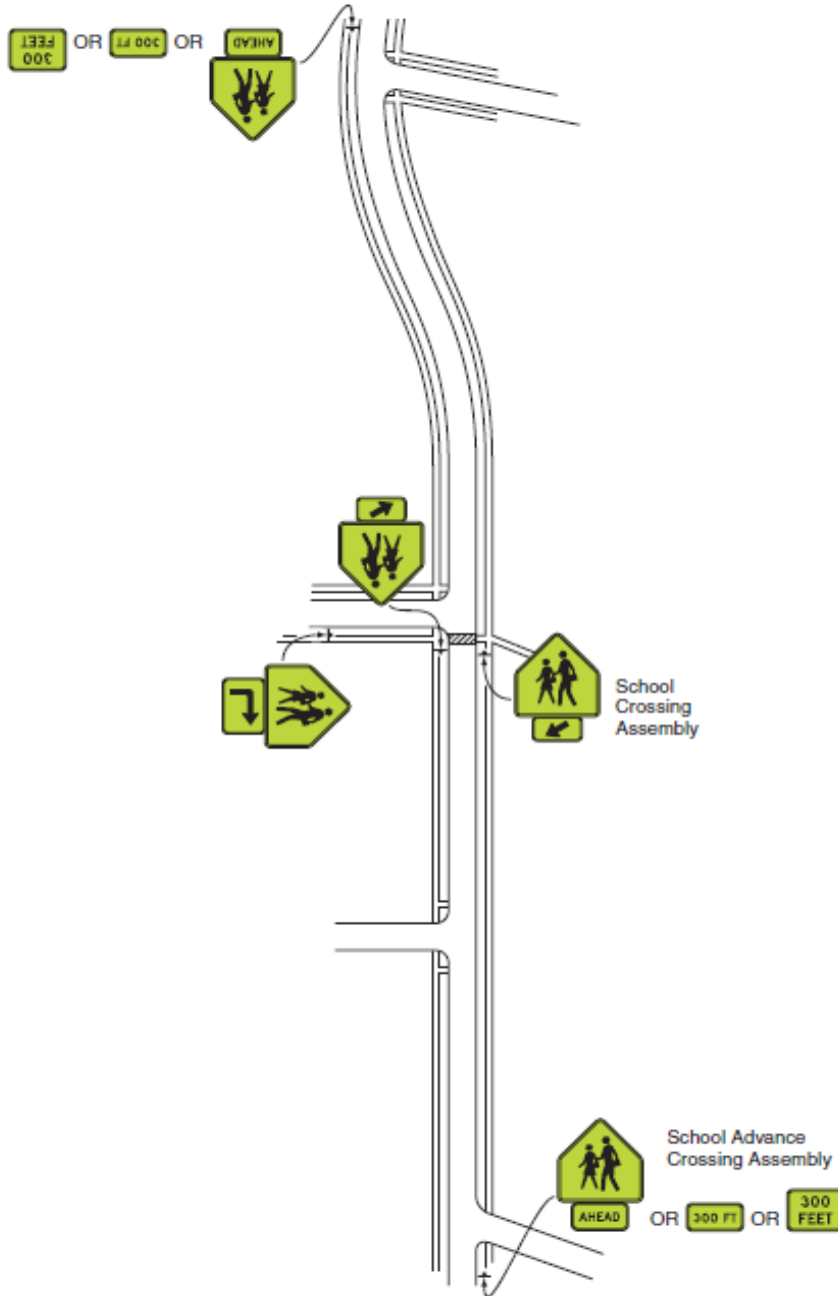
276 Support:

277 A “STOP FOR SCHOOL BUS WHEN RED LIGHTS FLASH” (S5-4) sign is typically used  
278 where special regulatory emphasis is needed. This sign provides regulatory notice to inform  
279 drivers of applicable laws along sections of roadway with multiple bus stops or those that have a

280 particularly high incidence of drivers passing or not stopping for school buses when the red  
281 lights are flashing.

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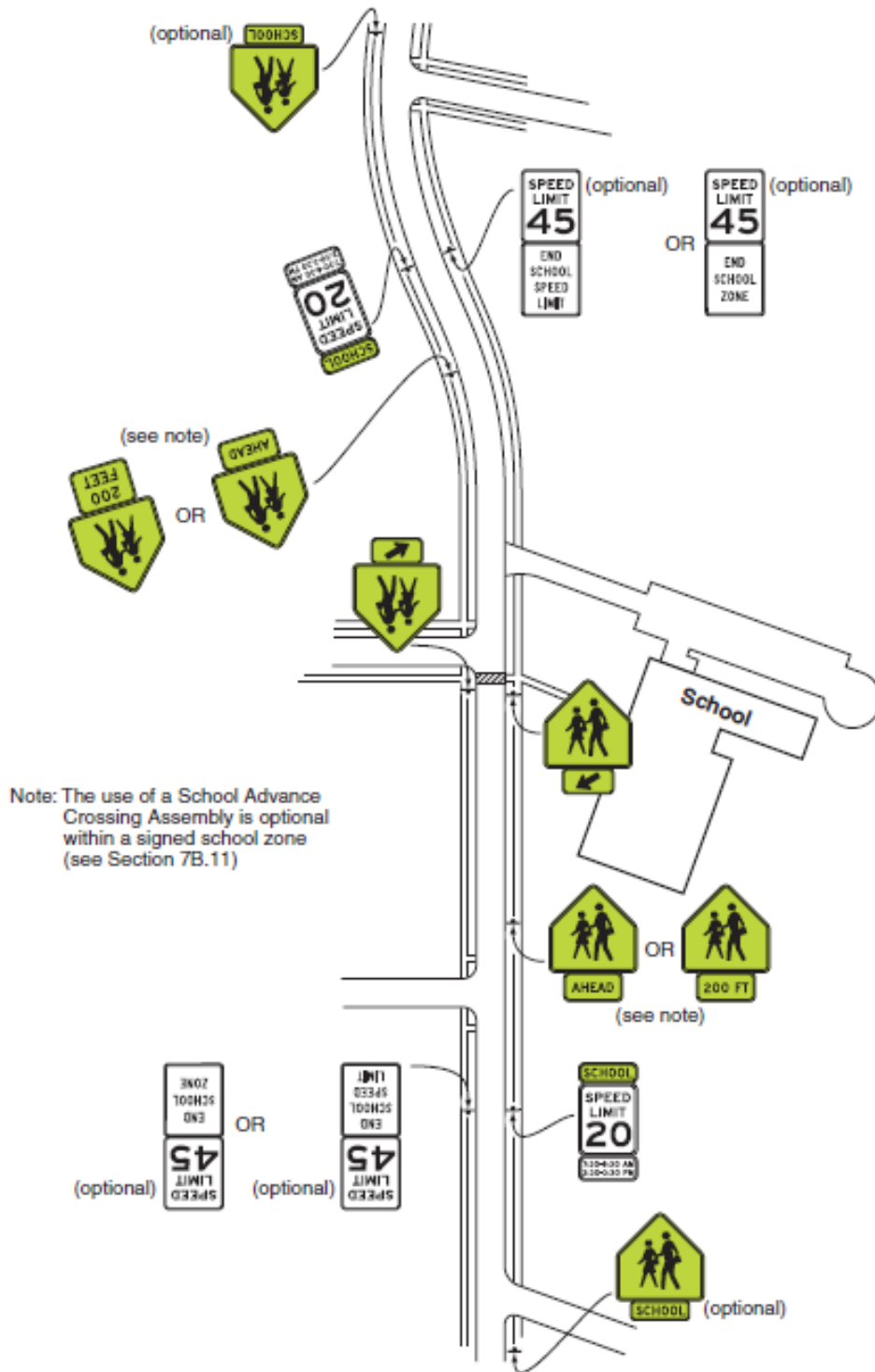
Figure 7B-4. Example of Signing for a School Crossing Outside of a School Zone



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NCUTCD agrees with Figure 7B-4 as presented in the NPA.

Figure 7B-5. Example of Signing for a School Zone with a School Speed Limit and a School Crossing



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NCUTCD agrees with Figure 7B-5 as presented in the NPA.

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291 **Section 7B.06 Comments:** NCUTCD agrees with combining two sections (7B.15 and 7B.16)  
292 from the 2009 MUTCD into one section and changing the title name except as follows:

- 293 • Change “fixed message” to “static” signs and change “changeable message sign” to “blank-  
294 out sign” in accordance with NCUTCD recommendation 14A-RW-07 and 20B-RW-03
- 295 • Allow for usage of hybrid or dynamic message sign for speed limit sign (R2-1) in a school  
296 speed limit assembly in accordance with NCUTCD recommendation 20B-RW-03
- 297 • Allow for a flashing light on the back of a hybrid or dynamic message sign confirming  
298 operation in accordance with NCUTCD recommendation 20B-RW-03
- 299 • Minor editorial comments

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### 301 **Section 7B.06 School Speed Limit Signs and Plaques**

#### 302 **Standard:**

303 A School Speed Limit assembly (see Figure 7B-1) or a School Speed Limit (S5-1) sign  
304 (see Figure 7B-1) shall be used to indicate the speed limit where a reduced school speed  
305 limit zone has been established based upon an engineering study or where a reduced school  
306 speed limit is specified for such areas by statute. The School Speed Limit assembly or  
307 School Speed Limit sign shall be placed at or as near as practical to the point where the  
308 reduced school speed limit zone begins (see Figures 7B-3 and 7B-5).

309 If a reduced school speed limit zone has been established, a School (S1-1) sign shall be  
310 installed in advance (see Table 2C-4 for advance placement guidelines) of the first School  
311 Speed Limit sign assembly or S5-1 sign that is encountered in each direction as traffic  
312 approaches the reduced school speed limit zone (see Figures 7B-3 and 7B-5).

313 Except as provided in Paragraph 5, the downstream end of an authorized and posted  
314 reduced school speed limit zone shall be identified with an END SCHOOL SPEED LIMIT  
315 (S5-3) sign (see Figures 7B-1, 7B-3, and 7B-5).

#### 316 **Option:**

317 If a reduced school speed limit zone ends at the same point as a higher fines zone, an END  
318 SCHOOL ZONE (S5-2) sign may be used instead of a combination of an END HIGHER FINES  
319 ZONE (R2-11) sign and an END SCHOOL SPEED LIMIT (S5-3) sign.

320 A standard Speed Limit sign showing the speed limit for the section of highway that is  
321 downstream from the authorized and posted reduced school speed limit zone may be mounted on  
322 the same post above the END SCHOOL SPEED LIMIT (S5-3) sign or the END SCHOOL  
323 ZONE (S5-2) sign.

#### 324 *Guidance:*

325 *The beginning point of a reduced school speed limit zone should be at least 200 feet in*  
326 *advance of the school grounds or a school crossing; however, this 200-foot distance should be*  
327 *increased if the reduced school speed limit is 30 mph or higher, ~~but not greater than 500 feet.~~*  
328 *The maximum beginning point of a reduced school speed limit zone should not be greater than*  
329 *500 feet.*

330 *Where increased fines are imposed for traffic violations within a reduced school speed limit*  
331 *zone, a FINES HIGHER (R2-6P), FINES DOUBLE (R2-6aP), or \$XX FINE (R2-6bP) plaque*

332 (see Figure 7B-3 and 7B-5) should be installed as a supplement to the reduced school speed limit  
333 sign to notify road users (see Section 2B.25).

334 If other traffic violations in addition to exceeding the speed limit are subject to higher  
335 fines, then the duplicate FINES HIGHER (R2-6P), FINES DOUBLE (R2-6aP), or \$XX FINE  
336 (R2-6bP) plaque should be omitted (see Section 7B.02).

337 **Standard:**

338 The School Speed Limit assembly shall be either a **static fixed-message sign assembly**  
339 **or a changeable message blank-out sign (see Chapter 2L).**

340 (revise per 14A-RW-07 and 20B-RW-03)

341 The **fixed-message static sign** School Speed Limit assembly shall consist of a top plaque  
342 (S4-3P) with the legend SCHOOL, a Speed Limit (R2-1) sign, and a bottom plaque (S4-1P,  
343 S4-2P, S4-4P, or S4-6P) indicating the specific periods of the day and/or days of the week  
344 that the special school speed limit is in effect (see Figure 7B-1).

345 (revise per 20B-RW-03)

346 **Option:**

347 A hybrid sign or DMS may be used for the SPEED LIMIT (R2-1) sign in a School Speed  
348 Limit Assembly. Warning beacons may be used for situations where greater emphasis of the  
349 special school speed limit is needed.~~Changeable message signs (see Chapter 2L and Section~~  
350 ~~6L.056F.60) may be used to inform drivers of the school speed limit. If the sign is internally~~  
351 ~~illuminated, it may have a white legend on a black background. Changeable message signs with~~  
352 ~~flashing beacons may be used for situations where greater emphasis of the special school speed~~  
353 ~~limit is needed.~~

354 (revise per 20B-RW-03)

355 *Guidance:*

356 *Even though it might not always be practical because of special features to make changeable*  
357 *message signs conform in all respects to the standards in this Manual for fixed-message signs,*  
358 *during the periods that the school speed limit is in effect, their basic shape, message, legend*  
359 *layout, and colors should comply with the standards for fixed-message signs.*

360 (delete per 20B-RW-03)

361 **Option:**

362 A confirmation light, flasher or device to indicate that the speed limit message is in  
363 operation ~~should be considered for inclusion~~ may be used on the back of a hybrid sign or DMS  
364 used to display the SPEED LIMIT (R2-1) sign ~~the changeable message sign.~~

365 (revise per 20B-RW-03)

366 **Standard:**

367 **Fluorescent yellow-green pixels shall be used when the “SCHOOL” message is**  
368 **displayed on a changeable message sign for a school speed limit.**

369 (revise per 20B-RW-03)

370 **Option:**

371 Blank-out ~~Changeable message~~ signs, hybrid signs or DMS may be used ~~blank-out messages~~  
372 ~~or other methods in order~~ to display the school speed limit only during the periods it applies.

373 (revise per 20B-RW-03)



374 A Vehicle Speed Feedback plaque (W13-20aP) that displays the speed of approaching  
375 drivers (see Section 2B.23 and 2C.13) may be used in a school speed limit zone. [The Vehicle](#)  
376 [Speed Feedback plaque \(W13-20aP\) may use a fluorescent yellow-green background for this](#)  
377 [application.](#)

378 (revise per 14A-RW-07 and 20B-RW-03, except to retain the NPA text in sentence 1 of the  
379 above paragraph)

380 A Speed Limit Sign Beacon (see Section 4L4S.04) also may be used, with a WHEN  
381 FLASHING legend, to identify the periods that the school speed limit is in effect.

382 *Guidance:*

383 *A Reduced School Speed Limit Ahead (S4-5, S4-5a) sign (see Figure 7B-1) should be used to*  
384 *inform road users of a reduced speed zone where the speed limit is being reduced by more than*  
385 *10 mph, or where engineering judgment indicates that advance notice would be appropriate.*

386 **Standard:**

387 **If used, the Reduced School Speed Limit Ahead sign shall be followed by a School**  
388 **Speed Limit sign or a School Speed Limit assembly.**

389 **The speed limit displayed on the Reduced School Speed Limit Ahead sign shall be**  
390 **identical to the speed limit displayed on the subsequent School Speed Limit sign or School**  
391 **Speed Limit assembly.**

392

393

394 **Section 7B.07 Comments:** NCUTCD agrees with 7B.07 as presented in the NPA.

395

### 396 **Section 7B.07 Parking and Stopping Signs (R7 and R8 Series)**

397 *Option:*

398 Parking and stopping regulatory signs may be used to prevent parked or waiting vehicles  
399 from blocking pedestrians' views, and drivers' views of pedestrians, and to control vehicles as  
400 a part of the school traffic plan.

401 *Support:*

402 Parking signs and other signs governing the stopping and standing of vehicles in school areas  
403 cover a wide variety of regulations. Typical examples of regulations are as follows:

- 404 A. NO PARKING X:XX AM to X:XX PM SCHOOL DAYS ONLY
- 405 B. NO STOPPING X:XX AM to X:XX PM SCHOOL DAYS ONLY,
- 406 C. XX MIN LOADING X:XX AM to X:XX PM SCHOOL DAYS ONLY, and
- 407 D. NO STANDING X:XX AM to X:XX PM SCHOOL DAYS ONLY.

408 Sections 2B.54, 2B.55, and 2B.56 contain information regarding the signing of parking  
409 regulations in school zone areas.