

**APPENDIX B6 – SCHOOL SIGNS  
DIMENSION DESCRIPTIONS**

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## **S1-1: School**

- A is the horizontal and vertical dimensions of the plaque.
- B is the inset from the edge of the plaque to the border.
- C is the border width.
- D is the distance from the vertical center of the sign to the left edge of the symbol.
- E is the distance from the vertical center of the sign to the right edge of the symbol.
- F is the height of the symbol.
- G is the distance from the bottom of the symbol to the bottom of the sign.
- H is the height of the vertical edges of the bottom portion of the of the sign, measured between the centers of the adjacent corner radii.
- J is the corner radius.

### **S3-1: School Bus Stop Ahead**

- A is the length of each edge of the sign.
- B is the inset from the edge of the sign to the border.
- C is the border width.
- D is the height of the arrow symbol.
- E is the distance from the horizontal center of the sign to the bottom of the arrow symbol.
- F is the distance from the horizontal center of the sign to the top of the pedestrian symbol.
- G is the height of the pedestrian symbol.
- H is the distance from the horizontal center of the sign to the bottom of the arrow symbol.
- J is the height of the stopped school bus symbol.
- K is the distance from the vertical center of the sign to the left edge of the stopped school bus symbol.
- L is the distance from the vertical center of the sign to the right edge of the stopped school bus symbol.
- M is the distance from the right edge of the stopped school bus symbol to the left edge of the pedestrian symbol.
- N is the corner radius.

### **S3-2: School Bus Turn Ahead**

- A is the length of each edge of the sign.
- B is the inset from the edge of the sign to the border.
- C is the border width.
- D is the letter height and FHWA standard font for the first line.
- E is the space between the lines.
- F is the letter height and FHWA standard font for the second and third lines.
- G is the distance from the horizontal center of the sign to the top of the second line.
- H is the distance from the vertical center of the sign to the left edge on the word on the first line.
- J is the distance from the vertical center of the sign to the right edge of the word on the first line.
- K is the width of the first word on the second line.
- L is the space between the words on the second line.
- M is the width of the second word on the second line. The word is left aligned with the vertical center of the sign.
- N is the distance from the vertical center of the sign to the left edge of the word on the third line.
- P is the distance from the vertical center of the sign to the right edge of the word on the third line.
- Q is the corner radius.

#### **S4-1P: Time of Day (plaque)**

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the inset from the edge of the plaque to the border.
- D is the border width.
- E is the distance from the top of the first line to the top of the sign and from the bottom of the last line to the bottom of the sign.
- F is the letter height and FHWA standard font for the lines.
- G is the space between the lines.
- H is the distance from the vertical center of the plaque to the left and right edges of the first line.
- J is the width of the words on the first line.
- K is the space between the words on each line.
- L is the distance from the vertical center of the plaque to the left and right edges of the second line.
- M is the width of the first word on the second line.
- N is the width of the second word on the second line.
- P is the width of the third word on the second line.
- Q is the corner radius.

#### **S4-2P: When Children Are Present (plaque)**

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the inset from the edge of the plaque to the border.
- D is the border width.
- E is the distance from the top of the first line to the top of the plaque and from the bottom of the last line to the bottom of the plaque.
- F is the letter height and FHWA standard font for each line.
- G is the space between the lines.
- H is the distance from the vertical center of the plaque to the left edge of the word on the first line.
- J is the distance from the vertical center of the plaque to the right edge of the word on the first line.
- K is the distance from the vertical center of the plaque to the left edge of the word on the second line.
- L is the distance from the vertical center of the plaque to the right edge of the word on the second line.
- M is the width of the first word on the third line.
- N is the space between the words on the third line.
- P is the distance from the vertical center of the plaque to the left edge of the second word on the third line.
- Q is the distance from the vertical center of the plaque to the right edge of the second word on the third line.
- R is the corner radius.

#### **S4-3P: School (plaque)**

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the inset from the edge of the plaque to the border.
- D is the border width.
- E is the distance from the top of the line to the top of the plaque and from the bottom of the line to the bottom of the plaque.
- F is the letter height and FHWA standard font for the line.
- G is the distance from the vertical center of the plaque to the left edge of the word on the line.
- H is the distance from the vertical center of the plaque to the right edge of the word on the line.
- J is the corner radius.



#### **S4-4P: When Flashing (plaque)**

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the inset from the edge of the plaque to the border.
- D is the border width.
- E is the distance from the top of the first line to the top of the plaque and from the bottom of the last line to the bottom of the plaque.
- F is the letter height and FHWA standard font for each line.
- G is the space between the lines.
- H is the distance from the vertical center of the plaque to the left edge of the word on the first line.
- J is the distance from the vertical center of the plaque to the right edge of the word on the first line.
- K is the distance from the vertical center of the plaque to the left edge of the word on the second line.
- L is the distance from the vertical center of the plaque to the right edge of the word on the second line.
- M is the corner radius.

#### **S4-5: Reduced School Speed Limit Ahead**

- A is the length of each edge of the sign.
- B is the inset from the edge of the sign to the border.
- C is the border width.
- D is the height of the arrowhead.
- E is the distance from the barbs of the arrowhead to the bottom of the arrow symbol.
- F is the distance from the bottom of the arrow symbol to the top of the white panel.
- G is the distance from the top of the sign to the top of the first line.
- H is the letter height and FHWA standard font for the first line.
- J is the space between the first and second lines.
- K is the letter height and FHWA standard font for the second and third lines.
- L is the space between the second, third, and fourth lines.
- M is the letter height and FHWA standard font for the fourth line
- N is the distance from the bottom of the last line to the bottom of the white panel.
- P is the distance from the horizontal center of the sign to the bottom of the white panel.
- Q is the distance from the horizontal center of the sign to the top of the dividing line on the white panel.
- R is the distance from the top of the dividing line to the top of the white panel.
- S is the inset from the edge of the white panel to its border.
- T is the border width of the white panel and the dividing line.
- U is the corner radius of the white panel.
- V is the distance from the vertical center of the sign to the left edge of the word on the first line.
- W is the distance from the vertical center of the sign to the right edge of the word on the first line.
- X is the distance from the vertical center of the sign to the left edge of the word on the second line.
- Y is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Z is the distance from the vertical center of the sign to the left edge of the word on the third line.
- AA is the distance from the vertical center of the sign to the right edge of the word on the third line.
- BB is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- CC is the distance from the vertical center of the sign to the left and right edges of the white panel.
- EE is the corner radius of the sign.

### **S4-5a: Reduced School Speed Limit Ahead**

- A is the length of each edge of the sign.
- B is the inset from the edge of the sign to the border.
- C is the border width.
- D is the letter height and FHWA standard font for each line.
- E is the space between the lines.
- F is the distance from the horizontal center of the sign to the top and bottom of the second line.
- G is the distance from the vertical center of the sign to the left and right edges of the first line.
- H width of the first word on the first line.
- J is the space between the words.
- K is width of the second word on the first line.
- L is the distance from the vertical center of the sign to the left edge of the first word on the second line.
- M is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- N is the width of the second word on the second line.
- P is the distance from the vertical center of the sign to the left edge of the word on the third line.
- Q is the distance from the vertical center of the sign to the right edge of the word on the third line.
- R is the corner radius.

#### **S4-6P: Days of Week (plaque) Mon-Fri**

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the inset from the edge of the plaque to the border.
- D is the border width.
- E is the distance from the top of the line to the top of the plaque and from the bottom of the line to the bottom of the plaque.
- F is the letter height and FHWA standard font for the line.
- G is the distance from the vertical center of the plaque to the left edge of the first word on the line.
- H is the distance from the vertical center of the plaque to the right edge of the first word on the line.
- J is the space between the words and the hyphen on the line.
- K is the width of the hyphen,
- L is the width of the second word on the line.
- M is the corner radius.

#### **S4-7P: All Year (plaque)**

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the inset from the edge of the plaque to the border.
- D is the border width.
- E is the distance from the top of the line to the top of the plaque and from the bottom of the line to the bottom of the plaque.
- F is the letter height and FHWA standard font for the line.
- G is the distance from the vertical center of the plaque to the left edge of the first word on the line.
- H is the distance from the vertical center of the plaque to the right edge of the first word on the line.
- J is the space between the words and the hyphen on the line.
- K is the width of the hyphen,
- L is the width of the second word on the line.
- M is the corner radius.

## **S5-1: School Speed Limit XX When Flashing**

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the inset from the edge of the sign to the border.
- D is the border width.
- E is the distance from the top of the first line to the top of the sign.
- F is the letter height and FHWA standard font for the first line.
- G is the distance from the bottom of the first line to the top of the dividing line.
- H is the distance from the bottom of the dividing line to the top of the second line.
- J is the letter height and FHWA standard font for the second and third lines.
- K is the space between the second, third, and fourth lines.
- L is the letter height and FHWA standard font for the fourth line.
- M is the space between the fourth and fifth lines.
- N is the letter height and FHWA standard font for the fifth and sixth lines.
- P is the space between the fifth and sixth lines.
- Q is the distance from the bottom of the last line to the bottom of the sign.
- R is the distance from the centerline of the dividing line to the top of the sign.
- S is the distance from the vertical center of the sign to the left edge of the word on the first line.
- T is the distance from the vertical center of the sign to the right edge of the word on the first line.
- U is the distance from the vertical center of the sign to the left edge of the word on the second line.
- V is the distance from the vertical center of the sign to the right edge of the word on the first line.
- W is the distance from the vertical center of the sign to the left edge of the word on the third line.
- X is the distance from the vertical center of the sign to the right edge of the word on the third line.
- Y is the distance from the vertical center of the sign to the left and right edges of the number on the fourth line.
- Z is the distance from the vertical center of the sign to the left edge of the word on the fifth line.
- AA is the distance from the vertical center of the sign to the right edge of the word on the fifth line.
- BB is the distance from the vertical center of the sign to the left edge of the word on the sixth line.
- CC is the distance from the vertical center of the sign to the right edge of the word on the sixth line.
- DD is the corner radius.

## **S5-2: End School Zone**

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the inset from the edge of the sign to the border.
- D is the border width.
- E is the distance from the top of the first line to the top of the sign and from the bottom of the last line to the bottom of the sign.
- F is the letter height and FHWA standard font for each line.
- G is the space between the lines
- H is the distance from the vertical center of the sign to the left edge of the word on the first line.
- J is the distance from the vertical center of the sign to the right edge of the word on the first line.
- K is the distance from the vertical center of the sign to the left edge of the word on the second line.
- L is the distance from the vertical center of the sign to the right edge of the word on the second line.
- M is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- N is the corner radius.

### **S5-3: End School Speed Limit**

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the inset from the edge of the sign to the border.
- D is the border width.
- E is the distance from the top of the first line to the top of the sign and from the bottom of the last line to the bottom of the sign.
- F is the letter height and FHWA standard font for the first, third and fourth lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the distance from the vertical center of the sign to the left edge of the word on the first line.
- K is the distance from the vertical center of the sign to the right edge of the word on the first line.
- L is the distance from the vertical center of the sign to the left edge of the word on the second line.
- M is the distance from the vertical center of the sign to the right edge of the word on the second line.
- N is the distance from the vertical center of the sign to the left edge of the word on the third line.
- P is the distance from the vertical center of the sign to the right edge of the word on the third line.
- Q is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- R is the corner radius.



## **R1-5a: Yield Here to School Crossing**

### ***R1-5aR and R1-5aL***

- A is the length of each edge of the sign.
- B is the inset from the edge of the sign to the border.
- C is the border width.
- D is the distance from the top of the yield symbol to the top of the sign.
- E is the red border width of the yield symbol.
- F is the distance from the top of the word on the yield symbol to the top of the white triangular panel on the symbol.
- G is the letter height and FHWA standard font for the word on the yield symbol.
- H is the distance from the bottom of the word on the yield symbol to the bottom of the yield symbol
- J is the letter height and FHWA standard font for the words above and below the arrow.
- K is the distance from the bottom of the word “HERE” to the top of the arrow symbol.
- L is the height of the arrow symbol.
- M is the distance from the tip of the arrowhead to the bottom of the sign.
- N is the distance from the bottom of the word “TO” to the bottom of the sign.
- P is the distance from the bottom of the yield symbol to the top of the word “TO.”
- Q is the height of the pedestrian symbol.
- R is the height of the yield symbol.
- S is the distance from the vertical center of the sign to the left edge of the word on the yield symbol.
- T is the distance from the vertical center of the sign to the right edge of the word on the yield symbol.
- U is the distance from the vertical center of each sign to the left edge of the pedestrian symbol on the first sign and to the right edge of the pedestrian symbol on the second sign.
- V is the distance from the vertical center of the sign to the left edge of the word “HERE.”
- W is the width of the word “HERE.”
- X is the distance from the vertical center of the sign to the left and right edges of the word “TO.”
- Y is the distance from the vertical center of the sign to the tip of the arrowhead.
- Z is the corner radius of the white and red triangular areas of the yield symbol.
- AA is the corner radius of the sign

## **R1-5c: Stop Here for School Crossing**

### ***R1-5cR and R1-5cL***

- A is the length of each edge of the sign.
- B is the inset from the edge of the sign to the border.
- C is the border width.
- D is the distance from the top of the stop sign symbol to the top of the sign.
- E is the distance from the top of the stop sign symbol to the top of the word on the symbol and from the bottom of the word to the bottom of the symbol.
- F is the letter height and FHWA standard font for the word on the stop sign symbol.
- G is the distance from the bottom of the stop sign symbol to the top of the word “HERE” and to the top of the pedestrian symbol.
- H is the letter height and FHWA standard font for the words “HERE” and “FOR”.
- J is the distance from the bottom of the word “HERE” to the top of the arrow symbol.
- K is the height of the arrow symbol.
- L is the distance from the tip of the arrowhead to the bottom of the sign.
- M is the distance from the bottom of the word “FOR” to the bottom of the sign.
- N is the distance from the top of the pedestrian symbol to the top of the word “FOR.”
- P is the height of the pedestrian symbol.
- Q is the height of the stop sign symbol.
- R is the length of each edge of the stop sign symbol.
- S is the distance from the vertical center of the sign to the left and right edges of the word on the stop sign symbol.
- T is the distance from the vertical center of the sign to the left edge of the pedestrian symbol on the first sign and to the right edge of the pedestrian symbol on the second sign.
- U is the distance from the vertical center of the sign to the left edge of the word “HERE.”
- V is the width of the word “HERE.”
- W is the distance from the vertical center of the sign to the left edge of the word “FOR.”
- X is the distance from the vertical center of the sign to the right edge of the word “FOR.”
- Y is the distance from the vertical center of the sign to the tip of the arrowhead.
- Z is the corner radius.

## **R1-6b: In-Street School Crossing - Yield**

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the white panel border width.
- D is the distance from the top of the first line to the top of the sign and from the bottom of the last line to the bottom of the sign.
- E is the letter height and FHWA standard font for the lines above the panel.
- F is the space between the lines above the panel, the space between the panel and the line above the panel, the space between the panel and the line below the panel, and the space between the lines below the panel.
- G is the height of the panel.
- H is the distance from the top of the first symbol to the top of the panel and from the bottom of the last symbol to the bottom of the panel.
- J is the height of the first symbol.
- K is the space between the lines on the panel.
- L is the letter height and FHWA standard font for the second line of the panel.
- M is the height of the last symbol on the panel.
- N is the letter height and FHWA standard font for the lines below the panel.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the first line above the panel.
- Q is the distance from the vertical center of the sign to the left edge of the word on the second line above the panel.
- R is the distance from the vertical center of the sign to the right edge of the word on the second line above the panel.
- S is the distance from the vertical center of the sign to the left and right edges of the panel.
- T is the width of the “YIELD” symbol’s red border.
- U is the distance from the top of the word in the “YIELD” symbol to the top inner edge of the symbol border.
- V is the letter height and FHWA standard font for the word on the “YIELD” symbol.
- W is the distance from the vertical center of the sign to the left and right edges of the word on the “YIELD” symbol.
- X is the distance from the vertical center of the sign to the left edge of the word on the second line on the panel.
- Y is the distance from the vertical center of the sign to the right edge of the word on the second line of the panel.
- Z is the outer and inner corner radius of the “YIELD” symbol’s red border.
- AA is the corner radius of the panel border.
- BB is the distance from the vertical center of the sign to the left and right edges of the word on the first line below the panel.
- CC is the distance from the vertical center of the sign to the left edge of the word on the second line below the panel.
- DD is the distance from the vertical center of the sign to the right edge of the word on the second line below the panel.

- EE is the corner radius of the sign.

## **R1-6c: In-Street School Crossing - Stop**

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the white panel border width.
- D is the distance from the top of the first line to the top of the sign and from the bottom of the last line to the bottom of the sign.
- E is the letter height and FHWA standard font for the lines above the panel.
- F is the space between the lines above the panel, the space between the panel and the line above the panel, the space between the panel and the line below the panel, and the space between the lines below the panel.
- G is the height of the panel.
- H is the distance from the top of the first symbol to the top of the panel and from the bottom of the last symbol to the bottom of the panel.
- J is the height of the first symbol.
- K is the space between the lines on the panel.
- L is the letter height and FHWA standard font for the second line of the panel.
- M is the height of the last symbol.
- N is the letter height and FHWA standard font for the lines below the panel.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the first line above the panel.
- Q is the distance from the vertical center of the sign to the left edge of the word on the second line.
- R is the distance from the vertical center of the sign to the right edge of the word on the second line.
- S is the distance from the vertical center of the sign to the left and right edges of the panel.
- T is the distance from the vertical center of the sign to the left and right edges of the first symbol.
- U is the distance from the vertical center of the sign to the left edge of the word on the first symbol.
- V is the distance from the vertical center of the sign to the right edge of the word on the first symbol.
- W is the distance from the top of the word on the first symbol to the top of the first symbol.
- X is the letter height and FHWA standard font for the word on the first symbol.
- Y is the distance from the vertical center of the sign to the left and right edges of the word on the second line on the panel.
- Z is the corner radius of the panel.
- AA is the distance from the vertical center of the sign to the left and right edges of the word on the first line below the panel.
- BB is the distance from the vertical center of the sign to the left edge of the word on the last line below the panel.
- CC is the distance from the vertical center of the sign to the right edge of the word on the last line below the panel.

- DD is the corner radius.

## **R1-9b: Overhead School Crossing - Yield**

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the inset from the edge of the sign to the border.
- D is the border width.
- E is the distance from the top of the first line to the top of the sign.
- F is the letter height and FHWA standard font for the first and second lines.
- G is the distance from the bottom of the first line to the top of the dividing line.
- H is the width of the dividing line.
- J is the distance from the bottom of the dividing line to the top of each pedestrian symbol.
- K is the height of each pedestrian symbol.
- L is the distance from the bottom of each symbol to the bottom of the sign.
- M is the distance from the bottom of the last line to the bottom of the sign.
- N is the letter height and FHWA standard font for the third line.
- P is the space between the second and third lines.
- Q is the distance from the bottom of the yellow-green panel to the top of the second line.
- R is the distance from the bottom of the yellow-green panel to the top of the sign.
- S is the distance from the vertical center of the sign to the left edge of the first word on the first line.
- T is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- U is the space between the words on each line.
- V is the width of the second word on the first line.
- W is the width of the first word on the second line.
- X is the width of the second word on the second line.
- Y is the distance from the vertical center of the sign to the left edge of the third word on the second line.
- Z is the distance from the vertical center of the sign to the right edge of the third word on the second line.
- AA is the distance from the left edge of the left symbol to the left edge of the sign and the distance from the right edge of the right symbol to the right edge of the sign.
- BB is the width of the first word on the third line.
- CC is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- DD is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- EE is the corner radius.

## **R1-9c: Overhead School Crossing - Stop**

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the inset from the edge of the sign to the border.
- D is the border width.
- E is the distance from the top of the first line to the top of the sign.
- F is the letter height and FHWA standard font for the first and second lines.
- G is the distance from the bottom of the first line to the top of the dividing line.
- H is the width of the dividing line.
- J is the distance from the bottom of the dividing line to the top of each pedestrian symbol.
- K is the height of each pedestrian symbol.
- L is the distance from the bottom of each pedestrian symbol to the bottom of the sign.
- M is the distance from the bottom of the last line to the bottom of the sign.
- N is the letter height and FHWA standard font for the third line.
- P is the space between the second and third lines.
- Q is the distance from the bottom of the yellow-green panel to the top of the second line.
- R is the distance from the bottom of the yellow-green panel to the top of the sign.
- S is the distance from the vertical center of the sign to the left edge of the first word on the first line.
- T is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- U is the space between the words on each line.
- V is the width of the second word on the first line.
- W is the width of the first word on the second line.
- X is the width of the second word on the second line.
- Y is the distance from the vertical center of the sign to the left edge of the third word on the second line.
- Z is the distance from the vertical center of the sign to the right edge of the third word on the second line.
- AA is the space between the left pedestrian symbol and the left edge of the sign and between the right pedestrian symbol and the right edge of the sign.
- BB is the width of the first word on the third line.
- CC is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- DD is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- EE is the corner radius.