

**APPENDIX B2 – REGULATORY SIGNS**  
**DIMENSION DESCRIPTIONS**

### **R10-3b: Push Button Educational – Sheet 1**

- 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 height of the first group of lines (i.e., from the top of the first line to the bottom of the third line).
- G is the space between the bottom of the first group of lines and the top of the first horizontal dividing line.
- H is the width of the horizontal dividing lines.
- J is the space between the top of the second group of lines and the bottom of the first horizontal dividing line.
- K is the height of the second group of lines.
- L is the space between the bottom of the second group of lines and the top of the second horizontal dividing line.
- M is the space between the top of the third group of lines and the bottom of the second horizontal dividing line and the space between the bottom of the third group of lines and the top of the third horizontal dividing line.
- N is the height of the third group of lines.
- P is the space between the top of the fourth group of lines and the bottom of the third horizontal dividing line.
- Q is the height of the fourth group of lines.
- R is the distance from the bottom of the fourth group of lines to the bottom of the sign.
- S is the distance from the bottom of the steady raised hand symbol and the bottom of the sign.
- T is the distance from the bottom of the flashing raised hand symbol and the top of the steady raised hand symbol.
- U is the distance from the bottom of the pedestrian symbol and the top of the flashing raised hand symbol.
- V is the distance from the top of the pedestrian symbol to the top of the sign.
- W is the distance from the left edge of the pedestrian symbol and the steady raised hand symbol to the left edge of the sign.
- X is the distance from the right edge of the pedestrian symbol to the left edge of the first group of lines.
- Y is the distance from the left edge of the flashing raised hand symbol to the left edge of the sign.
- Z is the distance from the left edge of the flashing raised hand symbol and the left edge of the sign.
- AA is the distance from the right edge of the steady raised hand symbol to the left edge of the third group of lines.
- BB is the distance from the left edge of the third group of lines to the vertical center of the sign.

- CC is the distance from the vertical center of the sign to the right edge of the first word of the third group of lines.
- DD is the distance from the first word of the third group of lines to the second word of the third group of lines.
- EE is the width of the second word of the third group of lines.
- FF is the distance from the left edge of the right-pointing arrow in the fourth group of lines to the left edge of the sign.
- GG is the corner radius.

## R10-3b: Push Button Educational – Sheet 2

- 1.25 is the width of the black background of the white pedestrian.
- 1.50 is the height of the black background of the white pedestrian.
- 0.125 is the distance from the top of the pedestrian to the top of the background and from the bottom of the pedestrian to the bottom of the black background.
- 1.25 is the height of the pedestrian
- 0.293 is the distance from the left edge of the white pedestrian to the left edge of the black background and the right edge of the white pedestrian to the right edge of the background.
- 0.664 is the width of the white pedestrian symbol.
- 1.240 is the distance from the vertical center of the sign to the left edge of the first line.
- 0.273 is the distance from the vertical center of the sign to the right edge of the first word of the first line.
- 0.360 is the space between the first word and the second word on the first line.
- 2.575 is the width of the second word on the first line.
- 0.6 B is the letter height and FHWA standard font for the first, second, third, fourth, fifth, and sixth lines.
- 0.109 is the distance between the bottom of the first line and the top of the underline and the bottom of the underline to the top of the second line.
- 0.063 is the width of the black underline.
- 0.160 is the distance between the second and third lines.
- 0.320 is the distance from the vertical center of the sign to the left edge of the second line.
- 1.088 is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- 0.400 is the space between the words on the second line.
- 0.741 is the width of the second word on the second line.
- 1.983 is the width of the word on the third line.
- 0.293 is the distance from the from the left edge of the hand symbols to the left edge of the black backgrounds.
- 2.160 is the height of the flashing hand symbol.
- 0.125 is the distance from the top of the hand symbols to the top of the black backgrounds and the bottom of the hand symbols to the bottom of the black backgrounds.
- 0.25 is the length of the radiating black lines in the flashing hand symbol.
- 0.063 is the thickness of the radiating black lines in the flashing hand symbol, the distance from the bottom of the black background to the top of the word in the flashing hand symbol, and the distance from the top of the black background to the bottom of the word in the steady hand symbol.
- 1.5 is the height of the black backgrounds in the hand symbols.
- 1.182 is the width of the word in the flashing hand symbol.
- 0.280" B is the is the letter height and FHWA standard font for each word in the hand symbols.
- 0.680 is the distance from the vertical center of the sign to the left edge of the fourth line.

- 0.806 is the distance from the vertical center of the sign to the right edge of the first word in the fourth line.
- 0.320 is the space between the words on the fourth line.
- 1.513 is the width of the second word on the fourth line.
- 0.880 is the distance from the vertical center of the sign to the left edge of the fifth line,
- 0.5 is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- 0.400 is the space between the words on the fifth line.
- 1.996 is the width of the second word on the fifth line.
- 0.120 is the distance between the fifth and sixth lines.
- 0.2 is the distance from the vertical center of the sign to the left edge of the sixth line.
- 0.107 is the distance from the vertical center of the sign to the right edge of the first word on the sixth line.
- 0.320 is the space between the words on the sixth line.
- 1.696 is the width of the second word on the sixth line.
- 0.910 is the width of the word in the steady hand symbol.
- 1.669 is the width of the first word on the seventh line.
- 0.400 is the space between the words on the seventh line.
- 0.132 is the distance from the vertical center of the sign to the left edge of the second word on the seventh line.
- 2.256 is the distance from the vertical center of the sign to the right edge of the seventh line.
- 0.6 C is the letter height and FHWA standard font for the seventh and eighth lines.
- 2.963 is the distance from the vertical center of the sign to the left and right edges of the arrow.
- 0.262 is the width of the arrow.
- 0.700 is the width of the arrowhead.
- 0.732 is the width of the first word on the eighth line.
- 0.400 is the space between the words on the eighth line.
- 0.469 is the distance from the vertical center of the sign to the left edge of the second word on the eighth line.
- 1.602 is the distance from the vertical center of the sign to the right edge of the eighth line.

### **R10-3c: Push Button Educational – Sheet 1**

- 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 height of the first group of lines (i.e., from the top of the first line to the bottom of the third line).
- G is the space between the bottom of the first group of lines and the top of the first horizontal dividing line.
- H is the width of the horizontal dividing lines.
- J is the space between the top of the second group of lines and the bottom of the first horizontal dividing line.
- K is the height of the second group of lines.
- L is the space between the bottom of the second group of lines and the top of the second horizontal dividing line.
- M is the space between the top of the third group of lines and the bottom of the second horizontal dividing line and the space between the bottom of the third group of lines and the top of the third horizontal dividing line.
- N is the height of the third group of lines.
- P is the space between the top of the fourth group of lines and the bottom of the third horizontal dividing line.
- Q is the height of the fourth group of lines.
- R is the distance from the bottom of the fourth group of lines and the bottom of the sign.
- S is the distance from the bottom of the DON'T WALK symbol and the bottom of the sign.
- T is the distance from the bottom of the flashing DON'T WALK symbol and the top of the steady raised hand symbol.
- U is the distance from the bottom of the WALK symbol and the top of the flashing DON'T WALK symbol.
- V is the distance from the top of the WALK symbol to the top of the sign.
- W is the distance from the left edge of the WALK symbol and the DON'T WALK symbol to the left edge of the sign.
- X is the distance from the right edge of the WALK symbol to the left edge of the first group of lines.
- Y is the distance from the left edge of the flashing DON'T WALK symbol to the left edge of the sign.
- Z is the distance from the left edge of the flashing DON'T WALK symbol and the left edge of the sign.
- AA is the distance from the right edge of the DON'T WALK symbol to the left edge of the third group of lines.
- BB is the distance from the left edge of the third group of lines to the vertical center of the sign.

- CC is the distance from the vertical center of the sign to the right edge of the first word of the third group of lines.
- DD is the distance from the first word of the third group of lines to the second word of the third group of lines.
- EE is the width of the second word of the third group of lines.
- FF is the distance from the left edge of the right-pointing arrow in the fourth group of lines to the left edge of the sign.
- GG is the corner radius.

### **R10-3c: Push Button Educational – Sheet 2**

- 2.0 is the length and width of the black backgrounds of the “WALK” and “DON’T WALK” symbols.
- 0.688 is the distance from the top of the word to the top of the black background and from the bottom of the word to the bottom of the black background of the “WALK” symbol.
- 0.625 B is the letter height and FHWA standard font for the word in the “WALK” symbol.
- 1.463 is the width of the word in the “WALK” sign.
- 1.240 is the distance from the vertical center of the sign to the left edge of the first line.
- 0.273 is the distance from the vertical center of the sign to the right edge of the first word of the first line.
- 0.360 is the space between the first word and the second word on the first line.
- 2.575 is the width of the second word on the first line.
- 0.6 B is the letter height and FHWA standard font for the first, second, third, fourth, fifth and sixth lines.
- 0.109 is the distance between the bottom of the first line and the top of the first underline, the top of the second line and the bottom of the first underline, the bottom of the fourth line and the top of the second underline, and the top of the fifth line and the bottom of the second underline.
- 0.063 is the width of the black underlines.
- 0.160 is the distance between the second and third lines.
- 0.320 is the distance from the vertical center of the sign to the left edge of the second line.
- 1.088 is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- 0.400 is the space between the words on the second line.
- 0.741 is the width of the second word on the second line.
- 1.983 is the width of the third line.
- 1.5 is the height and width of the black background in the “DON’T WALK” symbol.
- 0.188 is the distance from the top of the first word to the top of the black background in the flashing “DON’T WALK” symbol.
- 0.438 B is the letter height and FHWA standard font for the words in the flashing “DON’T” WALK” symbol.
- 0.25 is the distance between the words in the flashing “DON’T WALK” symbol and the length of the radiating black lines in the flashing “DON’T WALK” symbol.
- 0.960 is the width of the first word in the flashing “DON’T WALK” symbol.
- 1.025 is the width of the second word in the flashing “DON’T WALK” symbol.
- 0.063 is the thickness of the radiating black lines in the flashing “DON’T WALK” symbol and the distance from the bottom of the black background to the top of the word in the flashing “DON’T WALK” symbol.
- 1.182 is the width of the third word in the flashing “DON’T WALK” symbol.
- 0.280 B is the is the letter height and FHWA standard font for the word in the flashing “DON’T WALK” symbol.
- 0.680 is the distance from the vertical center of the sign to the left edge of the fourth line.

- 0.806 is the distance from the vertical center of the sign to the right edge of the first word in the fourth line.
- 0.320 is the space between the words on the fourth line.
- 1.513 is the width of the second word on the fourth line.
- 0.880 is the distance from the vertical center of the sign to the left edge of the fifth line,
- 0.5 is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- 0.400 is the space between the words on the fifth line.
- 1.996 is the width of the second word on the fifth line.
- 0.120 is the distance between the fifth and sixth lines.
- 0.200 is the distance from the vertical center of the sign to the left edge of the sixth line.
- 0.107 is the distance from the vertical center of the sign to the right edge of the first word on the sixth line.
- 0.320 is the space between the words on the sixth line.
- 1.696 is the width of the second word on the sixth line.
- 1.669 is the width of the first word on the seventh line.
- 0.400 is the space between the words on the seventh line.
- 0.132 is the distance from the vertical center of the sign to the left edge of the second word on the seventh line.
- 2.256 is the distance from the vertical center of the sign to the right edge of the seventh line.
- 0.6 C is the letter height and FHWA standard font for the seventh and eighth lines.
- 2.963 is the distance from the vertical center of the sign to the left and right edges of the arrow.
- 0.262 is the width of the arrow.
- 0.700 is the width of the arrowhead.
- 0.732 is the width of the first word on the eighth line.
- 0.400 is the space between the words on the eighth line.
- 0.469 is the distance from the vertical center of the sign to the left edge of the second word on the eighth line.
- 1.602 is the distance from the vertical center of the sign to the right edge of the eighth line.

### **R10-3d: Push Button Educational – Two-Stage Crossing – Sheet 1**

- 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 height of the first group of lines.
- G is the space between the bottom of the first group of lines and the top of the first horizontal dividing line.
- H is the border width of the horizontal dividing lines.
- J is the space between the top of the second group of lines and the bottom of the first horizontal dividing line.
- K is the height of the second group of lines.
- L is the space between the bottom of the second group of lines and the top of the second horizontal dividing line.
- M is the space between the top of the third group of lines and the bottom of the second horizontal dividing line and the space between the bottom of the third group of lines and the top of the third horizontal dividing line.
- N is the height of the third group of lines.
- P is the space between the top of the fourth group of lines and the bottom of the third horizontal dividing line.
- Q is the height of the fourth group of lines.
- R is the distance from the bottom of the fourth group of lines and the bottom of the sign.
- S is the distance from the bottom of the steady raised hand symbol and the bottom of the sign.
- T is the distance from the bottom of the flashing raised hand symbol and the top of the steady raised hand symbol.
- U is the distance from the bottom of the pedestrian symbol to the top of the flashing raised hand symbol.
- V is the distance from the top of the pedestrian symbol to the top of the sign.
- W is the distance from the left edge of the pedestrian symbol and the steady raised hand symbol to the left edge of the sign.
- X is the distance from the right edge of the pedestrian symbol to the left edge of the first group of lines.
- Y is the distance from the left edge of the flashing raised hand symbol to the left edge of the sign.
- Z is the distance from the left edge of the flashing raised hand symbol and the left edge of the sign.
- AA is the distance from the right edge of the steady raised hand symbol to the left edge of the third group of lines.
- BB is the distance from the left edge of the third group of lines to the vertical center of the sign.
- CC is the distance from the vertical center of the sign to the right edge of the first word of the third group of lines.

- DD is the distance from the first word of the third group of lines to the second word of the third group of lines.
- EE is the width of the second word of the third group of lines.
- FF is the distance from the left edge of the right-pointing arrow in the fourth group of lines to the left edge of the sign.
- GG is the corner radius.

## **R10-3d: Push Button Educational – Two-Stage Crossing – Sheet 2**

- 1.25 is the length of the black background of the white pedestrian.
- 1.50 is the height of the black background of the white pedestrian.
- 0.125 is the distance from the top of the pedestrian to the top of the background and from the bottom of the pedestrian to the bottom of the black background.
- 1.25 is the height of the pedestrian
- 0.293 is the distance from the left edge of the white pedestrian to the left edge of the black background and the right edge of the white pedestrian to the right edge of the background.
- 0.664 is the width of the white pedestrian symbol.
- 1.240 is the distance from the vertical center of the sign to the left edge of the first line.
- 0.273 is the distance from the vertical center of the sign to the right edge of the first word of the first line.
- 0.360 is the space between the first word and the second word on the first line.
- 2.575 is the width of the second word on the first line.
- 0.6 B is the letter height and FHWA standard font for the first, third, fourth, fifth, and sixth lines.
- 0.280 is the distance between the first and second lines.
- 0.4 B is the letter height and FHWA standard font for the second line.
- 0.109 is the distance between the bottom of the second line and the top of the first underline, the top of the third line and the bottom of the first underline, the bottom of the fourth line and the top of the second underline, and the top of the fifth line and the bottom of the second underline.
- 0.063 is the width of the underlines.
- 0.160 is the distance from the vertical center of the sign to the left edge of the second line.
- 0.220 is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- 0.300 is the space between the words on the second line.
- 1.301 is the width of the second word on the second line.
- 1.441 is the distance from the vertical center of the sign to the left edge of the third line.
- 0.280 is the distance from the vertical center of the sign to the to the left edge of the second word on the third line.
- 0.741 is the width of the second word on the third line.
- 0.300 is the space between the second and third words on the third line.
- 1.983 is the width of the third word on the third line.
- 0.292 is the distance from the from the left edge of the hand symbols to the left edge of the black backgrounds.
- 0.125 is the distance from the top of the hand symbols to the top of the black backgrounds and the bottom of the hand symbols to the bottom of the black backgrounds.
- 0.25 is the length of the radiating black lines in the flashing hand symbol.

- 0.063 is the thickness of the radiating black lines in the flashing hand symbol, the distance from the bottom of the black background to the top of the word in the flashing hand symbol, and the distance from the top of the black background to the bottom of the word in the steady hand symbol.
- 1.5 is the height of the black backgrounds in the hand symbols.
- 1.182 is the width of the word in the flashing hand symbol.
- 0.280 B is the letter height and FHWA standard font for each word in the hand symbols.
- 0.680 is the distance from the vertical center of the sign to the left edge of the fourth line.
- 0.806 is the distance from the vertical center of the sign to the right edge of the first word in the fourth line.
- 0.320 is the space between the words on the fourth line.
- 1.513 is the width of the second word on the fourth line.
- 0.880 is the distance from the vertical center of the sign to the left edge of the fifth line,
- 0.5 is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- 0.400 is the space between the words on the fifth line.
- 1.996 is the width of the second word on the fifth line.
- 0.120 is the distance between the fifth and sixth lines.
- 0.200 is the distance from the vertical center of the sign to the left edge of the sixth line.
- 0.107 is the distance from the vertical center of the sign to the right edge of the first word on the sixth line.
- 0.320 is the space between the words on the sixth line.
- 1.696 is the width of the second word on the sixth line.
- 0.910 is the width of the word in the steady hand symbol.
- 1.669 is the width of the first word on the seventh line.
- 0.400 is the space between the words on the seventh line.
- 0.132 is the distance from the vertical center of the sign to the left edge of the second word on the seventh line.
- 2.256 is the distance from the vertical center of the sign to the right edge of the seventh line.
- 0.6 C is the letter height and FHWA standard font for the seventh and eighth lines.
- 2.963 is the distance from the vertical center of the sign to the left and right edges of the arrow.
- 0.262 is the width of the arrow.
- 0.700 is the width of the arrowhead.
- 0.732 is the width of the first word on the eighth line.
- 0.400 is the space between the words on the eighth line.
- 0.469 is the distance from the vertical center of the sign to the left edge of the second word on the eighth line.
- 1.602 is the distance from the vertical center of the sign to the right edge of the eighth line.

### **R10-3e: Push Button Educational – Countdown Signal – Sheet 1**

- 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 height of the first group of lines.
- G is the space between the bottom of the first group of lines and the top of the first horizontal dividing line.
- H is the border width of the horizontal dividing lines.
- J is the space between the top of the second group of lines and the bottom of the first horizontal dividing line and the space between the bottom of the second group of lines and the top of the second horizontal dividing line.
- K is the height of the second group of lines.
- L is the space between the bottom of the second black border line and the top of the third group of lines and the space between the bottom of the third group of lines and the top of the third horizontal dividing line.
- M is the height of the third group of lines.
- N is the space between the top of the fourth group of lines and the bottom of the third horizontal dividing line.
- P is the height of the fourth group of lines.
- Q is the distance from the bottom of the fourth group of lines and the bottom of the sign.
- R is the distance from the bottom of the steady raised hand symbol to the bottom of the sign.
- S is the distance from the bottom of the countdown timer symbol and the top of the steady raised hand symbol.
- T is the distance from the bottom of the flashing raised hand symbol and the top of the countdown timer symbol.
- U is the distance from the bottom of the pedestrian symbol and the top of the flashing raised hand symbol.
- V is the distance from the top of the pedestrian symbol to the top of the sign.
- W is the distance from the left edge of the pedestrian symbol, the countdown timer symbol, and the steady raised hand symbol to the left edge of the sign.
- X is the distance from the right edge of the pedestrian symbol to the left edge of the first group of lines.
- Y is the distance from the left edge of the flashing raised hand symbol to the left edge of the sign.
- Z is the distance from the right edge of the flashing raised hand symbol to the left edge of the first line of the second group of lines.
- AA is the distance from the right edge of the steady raised hand symbol to the left edge of the third group of lines.
- BB is the distance from the left edge of the third group of lines to the vertical center of the sign.

- CC is the distance from the vertical center of the sign to the right edge of the first word of the third group of lines.
- DD is the distance from the first word of the third group of lines to the second word of the third group of lines.
- EE is the width of the second word of the third group of lines.
- FF is the distance from the left edge of the right-pointing arrow in the fourth group of lines to the left edge of the sign.
- GG is the corner radius.

## R10-3e: Push Button Educational – Countdown Signal – Sheet 2

- 1.25 is the length of the black background of the white pedestrian.
- 1.50 is the height of the black background of the white pedestrian.
- 0.125 is the distance from the top of the pedestrian to the top of the background and from the bottom of the pedestrian to the bottom of the black background.
- 1.25 is the height of the pedestrian.
- 0.293 is the distance from the left edge of the white pedestrian to the left edge of the black background and the right edge of the white pedestrian to the right edge of the background.
- 0.664 is the width of the white pedestrian symbol.
- 1.240 is the distance from the vertical center of the sign to the left edge of the first line.
- 0.273 is the distance from the vertical center of the sign to the right edge of the first word of the first line.
- 0.360 is the space between the first word and the second word on the first line.
- 2.575 is the width of the second word on the first line.
- 0.6 B is the letter height and FHWA standard font for the first, second, third, fourth, fifth, sixth, seventh, and eighth lines.
- 0.109 is the distance between the bottom of the first line and the top of the first underline, the top of the second line and the bottom of the first underline, the bottom of the fourth line and the top of the second underline, the top of the fifth line and the bottom of the second underline, and the bottom of the sixth line and the top of the third underline, and the top of the seventh line and the bottom of the third underline.
- 0.063 is the width of the underlines.
- 0.160 is the distance between the second and third lines.
- 0.320 is the distance from the vertical center of the sign to the left edge of the second line.
- 1.088 is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- 0.400 is the space between the words on the second line.
- 0.741 is the width of the second word on the second line.
- 1.983 is the width of the third line.
- 0.292 is the distance from the left edge of the hand symbols to the left edge of the black backgrounds.
- 0.125 is the distance from the top of the hand symbols to the top of the black backgrounds and the bottom of the hand symbols to the bottom of the black backgrounds.
- 0.25 is the length of the radiating black lines in the flashing hand symbol.
- 0.063 is the thickness of the radiating black lines in the flashing hand symbol, the distance from the bottom of the black background to the top of the word in the flashing hand symbol, the distance from the bottom of the black background of the to the top of the word in the timer symbol, and the distance from the top of the black background to the bottom of the word in the steady hand symbol.
- 1.5 is the height of the black backgrounds in the hand symbols and the timer symbol.
- 1.182 is the width of the word in the flashing hand symbol.
- 0.280" B is the letter height and FHWA standard font for each word in the hand symbols.

- 0.680 is the distance from the vertical center of the sign to the left edge of the fourth line.
- 0.806 is the distance from the vertical center of the sign to the right edge of the first word in the fourth line.
- 0.320 is the space between the words on the fourth line.
- 1.513 is the width of the second word on the fourth line.
- 0.880 is the distance from the vertical center of the sign to the left edge of the fifth line,
- 0.5 is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- 0.400 is the space between the words on the fifth line.
- 1.996 is the width of the second word on the fifth line.
- 0.120 is the distance between the fifth and sixth lines.
- 0.200 is the distance from the vertical center of the sign to the left edge of the sixth line.
- 0.107 is the distance from the vertical center of the sign to the right edge of the first word on the sixth line.
- 0.320 is the space between the words on the sixth line.
- 1.696 is the width of the second word on the sixth line.
- 1.064 is the distance from the vertical center of the sign to the left edge of the seventh line.
- 0.112 is the distance from the vertical center of the sign to the right edge of the first word on seventh line.
- 0.348 is the space between the words on the seventh line.
- 2.905 is the width of the second word in the seventh line.
- 0.2 is the distance between the seventh and eighth lines.
- 0.504 is the width of the first word on the eighth line.
- 0.420 is the space between the first word and second word on the eighth line.
- 0.281 is the distance from the vertical center of the sign to the left edge of the second word on the eighth line.
- 1.099 is the distance from the vertical center of the sign to the right edge of the second word on the eighth line.
- 0.412 is the space between the second and third words on the eighth line.
- 1.996 is the width of the third word on the eighth line.
- 1.25 is the width of the black background of the timer symbol.
- 0.214 is the distance from the top of the timer to the top of the black background and the bottom of the timer and to the bottom of the black background of the timer symbol.
- 1.072 is the height of the timer in the timer symbol.
- 0.280 B is the letter height and FHWA standard font for the word in the timer symbol.
- 0.263 is the distance from the left edge of the word to the left edge of the black background, and the right edge of the word and the right edge of the black background in the timer symbol.
- 0.714 is the width of the word in the timer symbol.
- 0.910 is the width of the word in the steady hand symbol.
- 1.669 is the width of the first word on the ninth line.
- 0.400 is the space between the words on the ninth line.

- 0.132 is the distance from the vertical center of the sign to the left edge of the second word on the ninth line.
- 2.256 is the distance from the vertical center of the sign to the right edge of the ninth line.
- 0.6 C is the letter height and FHWA standard font for the ninth and tenth lines.
- 2.963 is the distance from the vertical center of the sign to the left and right edges of the arrow.
- 0.262 is the width of the arrow.
- 0.700 is the width of the arrowhead.
- 0.732 is the width of the first word on the tenth line.
- 0.400 is the space between the words on the tenth line.
- 0.469 is the distance from the vertical center of the sign to the left edge of the second word on the tenth line.
- 1.602 is the distance from the vertical center of the sign to the right edge of the tenth line.

### **R10-3f: Push Button Educational – Street Name – Sheet 1**

- 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 height of the first group of lines.
- G is the space between the bottom of the first group of lines and the top of the first horizontal dividing line and the space between the second group of lines and the second black border line.
- H is the border width of the horizontal dividing lines.
- J is the space between the top of the second group of lines and the bottom of the first horizontal dividing line.
- K is the height of the second group of lines.
- L is the space between the top of the third group of lines and the bottom of the second horizontal dividing line.
- M is the height of the third group of lines.
- N is the space between the bottom of the third group of lines and the top of the third horizontal dividing line.
- P is the space between the top of the fourth group of lines and the bottom of the third horizontal dividing line.
- Q is the height of the fourth group of lines.
- R is the distance from the bottom of the fourth group of lines and the bottom of the sign.
- S is the distance from the bottom of the steady raised hand symbol and the bottom of the sign.
- T is the distance from the bottom of the flashing raised hand symbol and the top of the steady raised hand symbol.
- U is the distance from the bottom of the pedestrian symbol and the top of the flashing raised hand symbol.
- V is the distance from the top of the pedestrian symbol to the top of the sign.
- W is the distance from the left edge of the pedestrian symbol and the steady raised hand symbol to the left edge of the sign.
- X is the distance from the right edge of the pedestrian symbol to the left edge of the first group of lines.
- Y is the distance from the left edge of the flashing raised hand symbol to the left edge of the sign.
- Z is the distance from the left edge of the flashing raised hand symbol and the left edge of the sign.
- AA is the distance from the right edge of the steady raised hand symbol to the left edge of the third group of lines.
- BB is the distance from the left edge of the third group of lines to the vertical center of the sign.
- CC is the distance from the vertical center of the sign to the right edge of the first word of the third group of lines.

- DD is the distance from the first word of the third group of lines to the second word of the third group of lines.
- EE is the width of the second word of the third group of lines.
- FF is the distance from the left edge of the right-pointing arrow in the fourth group of lines to the left edge of the sign.
- GG is the corner radius.

## R10-3f: Push Button Educational – Street Name – Sheet 2

- 1.25 is the length of the black background of the white pedestrian.
- 1.625 is the height of the black background of the white pedestrian.
- 0.125 is the distance from the top of the pedestrian to the top of the background and from the bottom of the pedestrian to the bottom of the black background.
- 1.375 is the height of the pedestrian
- 0.260 is the distance from the left edge of the white pedestrian to the left edge of the black background and the right edge of the white pedestrian to the right edge of the background.
- 0.730 is the width of the white pedestrian symbol.
- 1.197 is the distance from the vertical center of the sign to the left edge of the first line.
- 0.221 is the distance from the vertical center of the sign to the right edge of the first word of the first line.
- 0.438 is the space between the first word and the second word on the first line.
- 2.414 is the width of the second word on the first line.
- 0.563 B is the letter height and FHWA standard font for the first, second, third, fourth, fifth and sixth lines.
- 0.125 is the distance between the bottom of the first line and the top of the first underline, the top of the second line and the bottom of the first underline, the bottom of the fourth line and the top of the second underline, and the top of the fifth line and the bottom of the second underline.
- 0.063 is the width of the black underlines.
- 0.188 is the distance between the second and third lines.
- 0.277 is the distance from the vertical center of the sign to the left edge of the second line.
- 1.043 is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- 0.438 is the space between the words on the second line.
- 0.694 is the width of the second word on the second line.
- 1.859 is the width of the third line.
- 0.255 is the distance from the left edge of the hand symbols to the left edge of the black backgrounds.
- 0.125 is the distance from the top of the hand symbols to the top of the black background, the distance from the bottom of the black background and the top of the word in the flashing hand symbol, and the distance from the bottom of the word in the steady and symbol to the top of the black background in the steady hand symbol.
- 0.25 is the length of the radiating black lines in the flashing hand symbol.
- 0.063 is the thickness of the radiating black lines in the flashing hand symbol and the distance from the bottom of the black background to the bottom of the hand in the hand symbols.
- 1.625 is the height of the black backgrounds in the hand symbols.
- 1.152 is the width of the word in the flashing hand symbol.
- 0.313" B (-50%) is the letter height and FHWA standard font for the word in the flashing hand symbol.

- 0.464 is the distance from the vertical center of the sign to the left edge of the fourth line.
- 0.929 is the distance from the vertical center of the sign to the right edge of the first word in the fourth line.
- 0.438 is the space between the words on the fourth line.
- 1.418 is the width of the second word on the fourth line.
- 0.627 is the distance from the vertical center of the sign to the left edge of the fifth line.
- 0.667 is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- 0.438 is the space between the words on the fifth line.
- 1.418 is the width of the second word on the fifth line.
- 0.188 is the distance between the fifth and sixth lines.
- 0.288 is the distance from the vertical center of the sign to the left edge of the sixth line.
- 0.438 is the space between the words on the sixth line.
- 1.590 is the width of the second word on the sixth line.
- 1.152 is the width of the word in the steady hand symbol.
- 1.564 is the width of the first word on the seventh line.
- 0.438 is the space between the words on the seventh line.
- 0.119 is the distance from the vertical center of the sign to the left edge of the second word on the seventh line.
- 2.121 is the distance from the vertical center of the sign to the right edge of the seventh line.
- 0.563 C is the letter height and FHWA standard font for the seventh, eighth, and ninth lines.
- 2.75 is the distance from the vertical center of the sign to the left and right edges of the arrow.
- 0.063 is the distance from the bottom of the seventh line to the top of the arrow, and from the top of the eighth line to the bottom of the arrow.
- 0.234 is the width of the arrow.
- 0.625 is the width of the arrowhead.
- 0.686 is the width of the first word on the eighth line.
- 0.438 is the space between the words on the eighth line.
- 0.409 is the distance from the vertical center of the sign to the left edge of the second word on the eighth line.
- 1.533 is the distance from the vertical center of the sign to the right edge of the eighth line.
- 0.375 is the distance between the eighth and ninth lines.
- VAR is the width of the word in the first and second words on the ninth line.
- 0.438 is the space between the words on the ninth line.

### **R10-3g: Push Button Educational – Street Name – Sheet 1**

- 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 height of the first group of lines.
- G is the space between the bottom of the first group of lines and the top of the first black horizontal dividing line and the space between the second group of lines and the second black horizontal dividing line.
- H is the border width of the black horizontal dividing lines.
- J is the space between the top of the second group of lines and the bottom of the first black horizontal dividing line.
- K is the height of the second group of lines.
- L is the space between the top of the third group of lines and the bottom of the second black horizontal dividing line.
- M is the height of the third group of lines.
- N is the space between the bottom of the third group of lines and the top of the third black horizontal dividing line.
- P is the space between the top of the fourth group of lines and the bottom of the third black horizontal dividing line.
- Q is the height of the fourth group of lines.
- R is the distance from the bottom of the fourth group of lines and the bottom of the sign.
- S is the distance from the bottom of the steady raised hand symbol and the bottom of the sign.
- T is the distance from the bottom of the flashing raised hand symbol and the top of the steady raised hand symbol.
- U is the distance from the bottom of the pedestrian symbol and the top of the flashing raised hand symbol.
- V is the distance from the top of the pedestrian symbol to the top of the sign.
- W is the distance from the left edge of the pedestrian symbol and the steady raised hand symbol to the left edge of the sign.
- X is the distance from the right edge of the pedestrian symbol to the left edge of the first group of lines.
- Y is the distance from the left edge of the flashing raised hand symbol to the left edge of the sign.
- Z is the distance from the left edge of the flashing raised hand symbol and the left edge of the sign.
- AA is the distance from the right edge of the steady raised hand symbol to the left edge of the third group of lines.
- BB is the distance from the left edge of the third group of lines to the vertical center of the sign.
- CC is the distance from the vertical center of the sign to the right edge of the first word of the third group of lines.

- DD is the distance from the first word of the third group of lines to the second word of the third group of lines.
- EE is the width of the second word of the third group of lines.
- FF is the distance from the left edge of the right-pointing arrow in the fourth group of lines to the left edge of the sign.
- GG is the corner radius.

## R10-3g: Push Button Educational – Street Name – Sheet 2

- 2.0 is the length and width of the black backgrounds of the “WALK” and “DON’T WALK” symbols.
- 0.688 is the distance from the top of the word to the top of the black background and from the bottom of the word to the bottom of the black background of the “WALK” symbol.
- 0.625 B is the letter height and FHWA standard font for the word in the “WALK” symbol.
- 1.463 is the width of the word in the “WALK” sign.
- 0.967 is the distance from the vertical center of the sign to the left edge of the first line.
- 0.451 is the distance from the vertical center of the sign to the right edge of the first word of the first line.
- 0.438 is the space between the first word and the second word on the first line.
- 2.414 is the width of the second word on the first line.
- 0.563 B is the letter height and FHWA standard font for the first, second, third, fourth, fifth and sixth lines.
- 0.125 is the distance between the bottom of the first line and the top of the first underline, the top of the second line and the bottom of the first underline, the bottom of the fourth line and the top of the second underline, and the top of the fifth line and the bottom of the second underline.
- 0.063 is the width of the black underlines.
- 0.188 is the distance between the second and third lines.
- 0.047 is the distance from the vertical center of the sign to the left edge of the second line.
- 1.273 is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- 0.438 is the space between the words on the second line.
- 0.694 is the width of the second word on the second line.
- 0.230 is the distance from the vertical center of the sign to the left edge of the third line.
- 1.629 is the width of the third line.
- 1.5 is the height and width of the black background in the “DON’T WALK” symbol.
- 0.188 is the distance from the top of the first word to the top of the black background in the flashing “DON’T WALK” symbol.
- 0.438 B is the letter height and FHWA standard font for the words in the flashing “DON’T” WALK” symbol.
- 0.25 is the distance between the words in the flashing “DON’T WALK” symbol and the length of the radiating black lines in the flashing “DON’T WALK” symbol.
- 0.960 is the width of the first word in the flashing “DON’T WALK” symbol.
- 1.025 is the width of the second word in the flashing “DON’T WALK” symbol.
- 0.063 is the thickness of the radiating black lines in the flashing “DON’T WALK” symbol and the distance from the bottom of the black background to the top of the word in the flashing “DON’T WALK” symbol.
- 1.319 is the width of the third word in the flashing “DON’T WALK” symbol.
- 0.313 B is the is the letter height and FHWA standard font for the word in the flashing “DON’T” WALK” symbol.

- 0.464 is the distance from the vertical center of the sign to the left edge of the fourth line.
- 0.929 is the distance from the vertical center of the sign to the right edge of the first word in the fourth line.
- 0.438 is the space between the words on the fourth line.
- 1.418 is the width of the second word on the fourth line.
- 0.627 is the distance from the vertical center of the sign to the left edge of the fifth line,
- 0.667 is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- 0.438 is the space between the words on the fifth line.
- 1.418 is the width of the second word on the fifth line.
- 0.188 is the distance between the fifth and sixth lines.
- 0.288 is the width of the first word on the sixth line.
- 0.438 is the space between the words on the sixth line.
- 1.590 is the width of the second word on the sixth line.
- 1.564 is the width of the first word on the seventh line.
- 0.438 is the space between the words on the seventh line.
- 0.119 is the distance from the vertical center of the sign to the left edge of the second word on the seventh line.
- 2.121 is the distance from the vertical center of the sign to the right edge of the seventh line.
- 0.563 C is the letter height and FHWA standard font for the seventh, eighth and ninth lines.
- 0.063 is the distance from the bottom of the seventh line to the top of the arrow, and from the top of the eighth line to the bottom of the arrow.
- 2.75 is the distance from the vertical center of the sign to the left and right edges of the arrow.
- 0.234 is the width of the arrow.
- 0.625 is the width of the arrowhead.
- 0.686 is the width of the first word on the eighth line.
- 0.438 is the space between the words on the eighth line.

### **R10-3h: Push Button Educational - Street Name - Two-Stage Crossing – Sheet 1**

- 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 height of the first group of lines.
- G is the space between the bottom of the first group of lines and the top of the first black horizontal dividing line.
- H is the width of the black horizontal dividing lines.
- J is the space between the top of the second group of lines and the bottom of the first black horizontal dividing line.
- K is the height of the second group of lines.
- L is the space between the bottom of the second group of lines and the top of the second black horizontal dividing line.
- M is the space between the top of the third group of lines and the bottom of the second black horizontal dividing line.
- N is the height of the third group of lines.
- P is the space between the bottom of the third group of lines and the top of the third black horizontal dividing line.
- Q is the space between the top of the fourth group of lines and the bottom of the third black horizontal dividing line.
- R is the height of the fourth group of lines.
- S is the distance from the bottom of the fourth group of lines and the bottom of the sign.
- T is the distance from the bottom of the steady raised hand symbol and the bottom of the sign.
- U is the distance from the bottom of the flashing raised hand symbol and the top of the steady raised hand symbol.
- V is the distance from the bottom of the pedestrian symbol and the top of the flashing raised hand symbol.
- W is the distance from the top of the pedestrian symbol to the top of the sign.
- X is the distance from the left edge of the pedestrian symbol and the steady raised hand symbol to the left edge of the sign.
- Y is the distance from the right edge of the pedestrian symbol to the left edge of the first group of lines.
- Z is the distance from the left edge of the flashing raised hand symbol and the left edge of the sign.
- AA is the distance from the right edge of the flashing raised hand symbol to the left edge of the second group of lines.
- BB is the distance from the right edge of the steady raised hand symbol to the left edge of the third group of lines.
- CC is the distance from the left edge of the third group of lines to the vertical center of the sign.

- DD is the distance from the vertical center of the sign to the right edge of the first word of the third group of lines.
- EE is the distance from the first word of the third group of lines to the second word of the third group of lines.
- FF is the width of the second word of the third group of lines.
- GG is the distance from the left edge of the right-pointing arrow in the fourth group of lines to the left edge of the sign.
- HH is the corner radius.

## **R10-3h: Push Button Educational - Street Name - Two-Stage Crossing – Sheet 2**

- 1.25 is the length of the black background of the white pedestrian.
- 1.625 is the height of the black background of the white pedestrian.
- 0.125 is the distance from the top of the pedestrian to the top of the black background and from the bottom of the pedestrian to the bottom of the black background.
- 1.375 is the height of the pedestrian
- 0.260 is the distance from the left edge of the white pedestrian to the left edge of the black background and the right edge of the white pedestrian to the right edge of the background.
- 0.730 is the width of the white pedestrian symbol.
- 1.197 is the distance from the vertical center of the sign to the left edge of the first line.
- 0.221 is the distance from the vertical center of the sign to the right edge of the first word of the first line.
- 0.438 is the space between the first word and the second word on the first line.
- 2.414 is the width of the second word on the first line.
- 0.563 B is the letter height and FHWA standard font for the first, third, fourth, fifth, and sixth lines.
- 0.188 is the distance between the first and second lines.
- 0.438 B is the letter height and FHWA standard font for the second line.
- 0.125 is the distance between the bottom of the second line and the top of the first underline, the top of the third line and the bottom of the first underline, the bottom of the fourth line and the top of the second underline, and the top of the fifth line and the bottom of the second underline.
- 0.063 is the width of the black underlines.
- 0.138 is the distance from the vertical center of the sign to the left edge of the second line.
- 0.278 is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- 0.328 is the space between the words on the second line.
- 1.422 is the width of the second word on the second line.
- 1.388 is the distance from the vertical center of the sign to the left edge of the third line.
- 0.370 is the distance from the vertical center of the sign to the to the left edge of the second word on the third line.
- 0.694 is the width of the second word on the third line.
- 0.438 is the space between the second and third words on the third line.
- 1.859 is the width of the third word on the third line.
- 0.255 is the distance from the left edge of the hand symbols to the left edge of the black backgrounds.
- 0.125 is the distance from the top of the hand symbols to the top of the black background and the distance from the bottom of the black background and the top of the word in the flashing hand symbol.
- 0.25 is the length of the radiating black lines in the flashing hand symbol.

- 0.063 is the thickness of the radiating black lines in the flashing hand symbol and the distance from the bottom of the black background to the bottom of the hand in the hand symbols.
- 1.625 is the height of the black backgrounds in the hand symbols.
- 1.152 is the width of the word in the flashing hand symbol.
- 0.313" B (-50%) is the is the letter height and FHWA standard font for the word in the flashing hand symbol.
- 0.464 is the distance from the vertical center of the sign to the left edge of the fourth line.
- 0.929 is the distance from the vertical center of the sign to the right edge of the first word in the fourth line.
- 0.438 is the space between the words on the fourth line.
- 1.418 is the width of the second word on the fourth line.
- 0.627 is the distance from the vertical center of the sign to the left edge of the fifth line.
- 0.667 is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- 0.438 is the space between the words on the fifth line.
- 1.871 is the width of the second word on the fifth line.
- 0.188 is the distance between the fifth and sixth lines.
- 0.288 is the distance from the vertical center of the sign to the left edge of the sixth line.
- 0.438 is the space between the words on the sixth line.
- 1.590 is the width of the second word on the sixth line.
- 1.016 is the width of the word in the steady hand symbol.
- 0.313 B is the is the is the letter height and FHWA standard font for the word in the steady hand symbol.
- 1.563 is the width of the first word on the seventh line.
- 0.438 is the space between the words on the seventh line.
- 0.117 is the distance from the vertical center of the sign to the left edge of the second word on the seventh line.
- 2.121 is the distance from the vertical center of the sign to the right edge of the seventh line.
- 0.563 C is the letter height and FHWA standard font for the seventh, eighth, and ninth lines.
- 2.75 is the distance from the vertical center of the sign to the left and right edges of the arrow.
- 0.063 is the distance from the bottom of the seventh line to the top of the arrow, and from the top of the eighth line to the bottom of the arrow.
- 0.234 is the width of the arrow.
- 0.625 is the width of the arrowhead.
- 0.686 is the width of the first word on the eighth line.
- 0.438 is the space between the words on the eighth line.
- 0.409 is the distance from the vertical center of the sign to the left edge of the second word on the eighth line.
- 1.533 is the distance from the vertical center of the sign to the right edge of the eighth line.

- 0.375 is the distance between the eighth and ninth lines.
- VAR is the width of the word in the first and second words on the ninth line.
- 0.438 is the space between the words on the ninth line.

### **R10-3i: Push Button Educational – Countdown Signal – Street Name – Sheet 1**

- 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 height of the first group of lines.
- G is the space between the bottom of the first group of lines and the top of the first horizontal dividing line.
- H is the width of the horizontal dividing lines.
- J is the space between the top of the second group of lines and the bottom of the first horizontal dividing line.
- K is the height of the second group of lines.
- L is the space between the bottom of the second group of lines and the top of the second horizontal dividing line.
- M is the space between the bottom of the second horizontal dividing line and the top of the third group of lines.
- N is the height of the third group of lines.
- P is the space between the bottom of the third group of lines and the top of the third horizontal dividing line.
- Q is the space between the top of the fourth group of lines and the bottom of the third horizontal dividing line.
- R is the height of the fourth group of lines.
- S is the distance from the bottom of the fourth group of lines and the bottom of the sign.
- T is the distance from the bottom of the steady raised hand symbol to the bottom of the sign.
- U is the distance from the bottom of the countdown timer symbol and the top of the steady raised hand symbol.
- V is the distance from the bottom of the flashing raised hand symbol and the top of the countdown timer symbol.
- W is the distance from the bottom of the pedestrian symbol and the top of the flashing raised hand symbol.
- X is the distance from the top of the pedestrian symbol to the top of the sign.
- Y is the distance from the left edge of the pedestrian symbol, the countdown timer symbol, and the steady raised hand symbol to the left edge of the sign.
- Z is the distance from the right edge of the pedestrian symbol to the left edge of the first group of lines.
- AA is the distance from the left edge of the flashing raised hand symbol to the left edge of the sign.
- BB is the distance from the right edge of the flashing raised hand symbol to the left edge of the first line of the second group of lines.
- CC is the distance from the right edge of the steady raised hand symbol to the left edge of the third group of lines.

- DD is the distance from the left edge of the third group of lines to the vertical center of the sign.
- EE is the distance from the vertical center of the sign to the right edge of the first word of the third group of lines.
- FF is the distance from the first word of the third group of lines to the second word of the third group of lines.
- GG is the width of the second word of the third group of lines.
- HH is the distance from the left edge of the right-pointing arrow in the fourth group of lines to the left edge of the sign.
- JJ is the corner radius.

## **R10-3i: Push Button Educational – Countdown Signal – Street Name – Sheet 2**

- 1.25 is the length of the black background of the white pedestrian.
- 1.625 is the height of the black background of the white pedestrian.
- 0.125 is the distance from the top of the pedestrian to the top of the background and from the bottom of the pedestrian to the bottom of the black background.
- 1.375 is the height of the pedestrian
- 0.260 is the distance from the left edge of the white pedestrian to the left edge of the black background and the right edge of the white pedestrian to the right edge of the background.
- 0.730 is the width of the white pedestrian symbol.
- 1.197 is the distance from the vertical center of the sign to the left edge of the first line.
- 0.221 is the distance from the vertical center of the sign to the right edge of the first word of the first line.
- 0.438 is the space between the first word and the second word on the first line.
- 2.414 is the width of the second word on the first line.
- 0.563 B is the letter height and FHWA standard font for the first, second, third, fourth, fifth and sixth lines.
- 0.125 is the distance between the bottom of the first line and the top of the first underline, the top of the second line and the bottom of the first underline, the bottom of the fourth line and the top of the second underline, and the top of the fifth line and the bottom of the second underline.
- 0.063 is the width of the black underlines.
- 0.188 is the distance between the second and third lines.
- 0.277 is the distance from the vertical center of the sign to the left edge of the second line.
- 1.043 is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- 0.438 is the space between the words on the second line.
- 0.694 is the width of the second word on the second line.
- 1.859 is the width of the third line.
- 0.255 is the distance from the left edge of the hand symbols to the left edge of the black backgrounds.
- 0.125 is the distance from the top of the hand symbols to the top of the black background, the distance from the bottom of the black background and the top of the word in the flashing hand symbol, and the distance from the bottom of the word in the steady and symbol to the top of the black background in the steady hand symbol.
- 0.25 is the length of the radiating black lines in the flashing hand symbol.
- 0.063 is the thickness of the radiating black lines in the flashing hand symbol and the distance from the bottom of the black background to the bottom of the hand in the hand symbols.
- 1.625 is the height of the black backgrounds in the hand symbols.
- 1.152 is the width of the word in the flashing hand symbol.
- 0.065 is the distance from the right edge of the hand to the right edge of the black background in the hand symbols.

- 0.313" B (-50%) is the letter height and FHWA standard font for the word in the flashing hand symbol.
- 0.464 is the distance from the vertical center of the sign to the left edge of the fourth line.
- 0.700 is the distance from the vertical center of the sign to the right edge of the first word in the fourth line.
- 0.438 is the space between the words on the fourth line.
- 1.418 is the width of the second word on the fourth line.
- 0.857 is the distance from the vertical center of the sign to the left edge of the fifth line.
- 0.438 is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- 0.438 is the space between the words on the fifth line.
- 1.871 is the width of the second word on the fifth line.
- 0.188 is the distance between the fifth and sixth lines.
- 0.230 is the distance from the vertical center of the sign to the left edge of the sixth line.
- 0.058 is the distance from the vertical center of the sign to the right edge of the first word on the sixth line.
- 0.438 is the space between the words on the sixth and seventh line.
- 1.590 is the width of the second word on the sixth line.
- 1.103 is the distance from the vertical center of the sign to the left edge of the seventh line.
- 0.438 is the space between the words on the seventh line.
- 2.723 is the width of the second word in the seventh line.
- 0.188 is the distance between the seventh and eighth lines.
- 0.473 is the width of the first word on the eighth line.
- 0.438 is the space between the first word and second word on the eighth line.
- 0.398 is the distance from the vertical center of the sign to the left edge of the second word on the eighth line.
- 0.895 is the distance from the vertical center of the sign to the right edge of the second word on the eighth line.
- 0.438 is the space between the second and third words on the eighth line.
- 1.871 is the width of the third word on the eighth line.
- 1.245 is the width of the black background of the timer symbol.
- 0.183 is the distance from the top of the timer to the top of the black background and the bottom of the timer and to the bottom of the black background of the timer symbol.
- 1.074 is the height of the timer in the timer symbol.
- 0.313" B is the letter height and FHWA standard font for the word in the timer symbol and the word in the steady hand symbol.
- 0.797 is the width of the word in the timer symbol.
- 1.016 is the width of the word in the steady hand symbol.
- 1.563 is the width of the first word on the ninth line.
- 0.438 is the space between the words on the ninth line.
- 0.119 is the distance from the vertical center of the sign to the left edge of the second word on the ninth line.
- 2.121 is the distance from the vertical center of the sign to the right edge of the ninth line.

- 0.563 C is the letter height and FHWA standard font for the ninth and tenth lines.
- 2.75 is the distance from the vertical center of the sign to the left and right edges of the arrow.
- 0.234 is the width of the arrow.
- 0.625 is the width of the arrowhead.
- 0.686 is the width of the first word on the tenth line.
- 0.438 is the space between the words on the tenth line.
- 0.409 is the distance from the vertical center of the sign to the left edge of the second word on the tenth line.
- 1.533 is the distance from the vertical center of the sign to the right edge of the tenth line.
- 0.375 is the distance between the eighth and ninth lines.
- VAR is the width of the word in the first and second words on the ninth line.
- 0.438 is the space between the words on the ninth line.