

APPENDIX B2 – REGULATORY SIGNS
DIMENSION DESCRIPTIONS

R1-1: Stop

- A is the horizontal and vertical dimensions of the sign.
- B is the border width.
- C is the distance from the top of the word to the top of the sign and from the bottom of the word to the bottom of the sign.
- D is the letter height and FHWA standard font for the line.
- E is the distance from the horizontal center of the sign to the top of the word.
- F is the distance from the vertical center of the sign to the left and right edges of the word.
- G is the length of each edge of the sign.

R1-2: Yield

- A is the length of each edge of the sign.
- B is the border width.
- C is the distance from the inner edge of the border to the top of the white panel.
- D is the distance from the top of the white panel to the top of the word.
- E is the letter height and FHWA standard font for the word.
- F is the distance from the vertical center of the sign to the left edge of the word.
- G is the distance from the vertical center of the sign to the right edge of the word.
- H is the corner radius of the white panel.
- J is the corner radius of the sign.

R1-2aP: To Oncoming Traffic (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 distance from the vertical center of the plaque to the left edge of the word on the third line.
- N is the distance from the vertical center of the plaque to the right edge of the word on the third line.
- P is the corner radius.

R1-3P: All-Way (plaque)

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

R1-5: Yield Here to Pedestrians

- 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 distance from the top of the white inset of the “YIELD” symbol to the top of the “YIELD” symbol.
- F is the distance from the top of the word on the white inset of the “YIELD” symbol to the top of the white inset.
- 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 top of the word “HERE.”
- J is the letter height and FHWA standard font for the words “HERE” and “TO.”
- 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 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.
- V is the distance from the vertical center of the sign to the left edge of the word “HERE” on the first sign and to the right edge of the word “HERE” on the second sign.
- 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 radii of the red triangle and white panel triangle of the “YIELD” symbol and of the sign.

R1-5b: Stop Here for Pedestrians

- 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 on symbol 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 from the top of the pedestrian symbol to the bottom of the stop sign symbol.
- H is the letter height and FHWA standard font for the words “HERE” and “TO.”
- 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 right and left 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” on the first sign and to the right edge of the word “HERE” on the second sign.
- 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.

R1-6: In-Street Pedestrian Crossing – Yield

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the 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 word on the first and second lines.
- F is the space between the first and second lines above the panel, the second line and the top of the panel, the bottom of the panel and the first line below the panel, and the first and second lines below the panel.
- G is the height of the panel.
- H is the distance from the top of the yield symbol to the top of the panel and from the bottom of the pedestrian symbol to the bottom of the panel.
- J is the height of the yield symbol.
- K is the space between symbols and word on the panel.
- L is the letter height and FHWA standard font for the word on the panel.
- M is the height of the pedestrian 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.
- 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 top of the white portion of the yield symbol to the top of the yield symbol.
- U is the distance from the top of the word on the yield symbol to the top of the white portion of the yield symbol.
- 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 panel.
- Y is the distance from the vertical center of the sign to the right edge of the word on the panel.
- Z is the corner radius of the border of the yield symbol.
- AA is the corner radius of the white portion of the yield symbol.
- 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.

R1-6a: In-Street Pedestrian Crossing – Stop

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the 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 word on the first and second lines.
- F is the space between the first and second lines above the panel, the second line and the top of the panel, the bottom of the panel and the first line below the panel, and the first and second lines below the panel.
- G is the height of the panel.
- H is the distance from the top of the stop sign symbol to the top of the panel and from the bottom of the pedestrian symbol to the bottom of the panel.
- J is the height of the stop sign symbol.
- K is the space between symbols and word on the panel.
- L is the letter height and FHWA standard font for the word on the panel.
- M is the height of the pedestrian 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.
- 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 stop sign symbol.
- U is the distance from the vertical center of the sign to the left edge of the word on the stop sign symbol.
- V is the distance from the vertical center of the sign to the right edge of the word on the stop sign symbol.
- W is the distance from the top of the word on the stop sign symbol to the top of the stop sign symbol.
- X is the letter height and FHWA standard font for the word on the stop sign symbol.
- Y is the distance from the vertical center of the sign to the left and right edges of the word 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 second line below the panel.
- CC is the distance from the vertical center of the sign to the right edge of the word on the second line below the panel.

- DD is the corner radius.

R1-9: Overhead Pedestrian 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 the of the symbol on the right.
- K is the symbol height.
- L is the distance from the bottom of the symbol on the right to the bottom of the sign.
- M is the distance from the bottom of the symbol on the left and 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 dividing line to the top of the second line.
- R is the distance from the top 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 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 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 symbol on the left to the left edge of the sign and from the right edge of the symbol on the right 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.

R1-9a: Overhead Pedestrian 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 the of the symbol on the right.
- K is the symbol height.
- L is the distance from the bottom of the symbol on the right to the bottom of the sign.
- M is the distance from the bottom of the symbol on the left and 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 dividing line to the top of the second line.
- R is the distance from the top 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 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 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 symbol on the left to the left edge of the sign and from the right edge of the symbol on the right 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.

R1-10P: Except Right Turn (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 and right edges of the word on the second line.
- L is the distance from the vertical center of the plaque to the left and right edges of the word on the third line.
- M is the corner radius.

R2-1: 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 and second lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the third 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 and right edges of the number on the third line.
- P is the corner radius.

R2-2P: Truck Speed Limit (plaque)

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

R2-3P: Night Speed Limit (plaque)

- A is the length of each edge of the plaque.
- B is the border width.
- C 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.
- D is the letter height and FHWA standard font for the first line on the plaque.
- E is the space between the lines.
- F is the letter height and FHWA standard font for the second line on the plaque.
- G is the distance from the vertical center of the plaque to the left and right edges of the word on the first line.
- H is the distance from the vertical center of the plaque to the left and right edges of the number on the second line.
- J is the corner radius.

R2-4P: Minimum Speed Limit (plaque)

- A is the length of each edge 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 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.
- E is the letter height and FHWA standard font for the first line.
- F is the space between the lines.
- G is the letter height and FHWA standard font for the second line.
- H is the distance from the vertical center of the plaque to the left and right edges of the word on the first line.
- J is the distance from the vertical center of the plaque to the left and right edges of the number on the second line.
- K is the corner radius.

R2-4a: Combined Maximum and Minimum Speed Limits

- 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 to the bottom of the sign.
- F is the letter height and FHWA standard font for the first and second lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the third line.
- J is the letter height and FHWA standard font for the fourth line.
- K is the letter height and FHWA standard font for the fifth line.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Q is the distance from the vertical center of the sign to the left and right edges of the number on the third line.
- R is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- S is the distance from the vertical center of the sign to the left and right edges of the number on the fifth line.
- T is the corner radius.

R2-5P: Unless Otherwise Posted (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 the first and third 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 plaque to the left edge of the word on the first line.
- K is the distance from the vertical center of the plaque to the right edge of the word on the first line.
- L is the distance from the vertical center of the plaque to the left and right edges of the word on the second line.
- M is the distance from the vertical center of the plaque to the left edge of the word on the third line.
- N is the distance from the vertical center of the plaque to the right edge of the word on the third line.
- P is the corner radius.

R2-5aP: Citywide (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.
- H is the distance from the vertical center of the plaque to the right edge of the word.
- J is the corner radius.

R2-5bP: Neighborhood (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.
- H is the distance from the vertical center of the plaque to the right edge of the word.
- J is the corner radius.

R2-5cP: Residential (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.
- H is the distance from the vertical center of the plaque to the right edge of the word.
- J is the corner radius.

R2-6P: Fines Higher (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 and right edges of the word on the first line.
- J is the distance from the vertical center of the plaque to the left edge of the word on the second line.
- K is the distance from the vertical center of the plaque to the right edge of the word on the second line.
- L is the corner radius.

R2-6aP: Fines Double (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 the first line.
- 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 plaque to the left and right edges 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.

R2-6bP: \$XX Fine (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 the number on the first line and for the second line.
- G is the space between the lines.
- H is the width of the dollar symbol on the first line.
- J is the distance between the dollar symbol and the number on the first line.
- K is the distance from the vertical center of the plaque to the left edge of the number on the first line
- L is the distance from the vertical center of the plaque to the right edge of the number on the first line.
- M is the distance from the vertical center of the plaque to the left edge of the word on the second line
- N is the distance from the vertical center of the plaque to the right edge of the word on the second line.
- P is the corner radius.

R2-10: Begin Higher Fines 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 distance from the vertical center of the sign to the left edge of the word on the fourth line.
- P is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- Q is the corner radius.

R2-11: End Higher Fines 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 distance from the vertical center of the sign to the left edge of the word on the fourth line.
- P is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- Q is the corner radius.

R3-1: Movement Prohibition – No Right Turn

- 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 sign to the top of the circle and bottom of the sign to the bottom of the circle.
- E is the distance from the horizontal center of the sign to the top and bottom of the circle.
- F is the distance from the horizontal center of the sign to the top of the arrow shaft and the distance from the vertical center of the sign to the left side of the arrow shaft.
- G is the distance from the vertical center of the sign to the tip of the arrowhead.
- H is the width of the circle.
- J is the width of the diagonal and the width of the arrow shaft.
- K is the distance from the horizontal center of the sign to the tip of the arrowhead.
- L is the distance from the horizontal center of the sign to the base of the arrow shaft.
- M is the height of the arrowhead.
- N is the corner radius.

R3-1a: No Right Turn Across Tracks (activated blank-out)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the distance from the top of the sign to the top of the circle.
- D is the distance from the horizontal center of the circle to the top and bottom of the circle.
- E is the space between the circle and the word.
- F is the letter height and FHWA standard font for the word on the sign.
- G is the distance from the bottom of the word to the bottom of the sign.
- H is the distance from the horizontal center of the circle to the top of the arrow shaft and the distance from the vertical center of the sign to the left edge of the arrow shaft.
- J is the distance from the vertical center of the sign to the tip of the arrowhead.
- K is the width of the arrow shaft at the point of curvature.
- L is the width of the arrow shaft.
- M is the distance from the horizontal center of the circle to the tip of the arrowhead.
- N is the distance from the horizontal center of the circle to the bottom of the arrow shaft.
- P is the width of the circle and diagonal.
- Q is the distance from the vertical center of the sign to the left edge of the word.
- R is the distance from the vertical center of the sign to the right edge of the word.
- S is the height of the arrowhead.

R3-2: Movement Prohibition – No Left Turn

- 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 circle to the top of the sign and from the bottom of the circle to the bottom of the sign.
- E is the distance from the horizontal center of the sign to the top and bottom of the circle.
- F is the distance from the horizontal center of the sign to the top horizontal edge of the arrow shaft and from the vertical center of the sign to the right vertical edge of the arrow shaft.
- G is the distance from the vertical center of the sign to the tip of the arrowhead.
- H is the outer radius of the bend in the arrow shaft.
- J is the inner radius of the bend in the arrow shaft.
- K is the width of the arrow shaft.
- L is the distance from the horizontal center of the sign to the tip of the arrowhead.
- M is the distance from the horizontal center of the sign to the base of the arrow shaft.
- P is the width of the diagonal line and the linewidth of the open circle.
- Q is the sign corner radius.

R3-2a: No Left Turn Across Tracks (activated blank-out)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the distance from the top of the circle to the top of the sign.
- D is the distance from the horizontal center of the circle to the top and bottom of the circle.
- E is the distance from the bottom of the circle to the top of the word.
- E is the space between the circle and the word.
- F is the letter height and FHWA standard font for the word.
- G is the distance from the bottom of the word to the bottom of the sign.
- H is the distance from the horizontal center of the circle to the top horizontal edge of the arrow shaft and from the vertical center of the sign to the right vertical edge of the arrow shaft.
- J is the distance from the vertical center of the sign to the tip of the arrowhead.
- K is the outer radius of the bend in the arrow shaft.
- L is the inner radius of the bend in the arrow shaft.
- M is the width of the arrow shaft.
- N is the distance from the horizontal center of the circle to the tip of the arrowhead.
- P is the distance from the horizontal center of the circle to the base of the arrow shaft.
- Q is the width of the diagonal line and the linewidth of the open circle.
- R is the distance from the horizontal center of the sign to the left edge of the word.
- S is the distance from the horizontal center of the sign to the right edge of the word.

R3-3: Movement Prohibition – No Turns

- 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 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 first line.
- F is the space between the lines.
- G is the letter height and FHWA standard font for the second line.
- 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 corner radius.

R3-4: Movement Prohibition - No U Turn

- 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 circle to the top of the sign and from the bottom of the circle to the bottom of the sign.
- E is the distance from the horizontal center of the sign to the top and bottom of the circle.
- F is the width of the arrow shaft.
- G is the inner radius of the curve in the arrow shaft and the distance from the vertical center of the sign to the inner left and right edges of the arrow shaft.
- H is the distance from the horizontal center of the sign to the center of the curve in the arrow shaft.
- J is the distance from the horizontal center of the sign to the tip of the arrowhead and to the base of the arrow shaft.
- K is the distance from the vertical center of the sign to the tip of the.
- L is the width of the diagonal line and the linewidth of the open circle.
- M is the width of the arrowhead.
- N is the corner radius.

R3-5: Mandatory Movement Lane Control – Turn Only

- 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 beginning of the curve in the arrow shaft to the top of the sign.
- F is the length of the vertical section of the arrow shaft from its base to the beginning of the curve.
- G is the space between the arrow symbol and the word.
- H is the letter height and FHWA standard font for the word.
- J is the distance from the bottom of the word to the bottom of the sign .
- K is the distance from the vertical center of the sign to the tip of the arrowhead.
- L is the distance from horizontal center of the sign to the tip of the arrowhead.
- M is the distance from the horizontal center of the sign to the beginning of the curve in the arrow shaft.
- N is the distance from the vertical center of the sign to the centerline of the vertical section of the arrow shaft.
- P is the distance from the vertical center of the sign to the center of the curve in the arrow shaft.
- Q is the radius of the arrow curve centerline.
- R is the width of the arrowhead.
- S is the width of the arrow shaft.
- T is the distance from the vertical center of the sign to the inner vertical edge of the arrow shaft.
- U is the distance from the vertical center of the sign to the left and right edges of the word.
- V is the sign corner radius.

R3-5a: Mandatory Movement Lane Control – Through Only

- 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 tip of the arrowhead to the top of the sign and from the bottom of the word to the bottom of the sign.
- F is the length of the arrow.
- G is the space between the arrow and the word.
- H is the letter height and FHWA standard font for the word on the sign.
- J is the width of the arrowhead.
- K is the distance from the vertical center of the sign to the left and right edges of the word.
- L is the corner radius.

R3-5bP: Left Lane (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 width of the first word.
- H is the distance from the vertical center of the plaque to the right edge of the first word.
- J is the distance from the vertical center of the plaque to the left edge of the second word.
- K is the width of the second word.
- L is the corner radius.

R3-5cP: HOV 2+ (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.
- H is the distance from the vertical center of the plaque to the right edge of the first word.
- J is the space between the words.
- K is the width of the second word.
- L is the corner radius.

R3-5dP: Taxi Lane (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 width of the first word.
- H is the distance from the vertical center of the plaque to the right edge of the first word.
- J is the distance from the vertical center of the plaque to the left edge of the second word.
- K is the width of the second word.
- L is the corner radius.

R3-5fP: Right Lane (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 width of the first word.
- H is the distance from the vertical center of the plaque to the right edge of the first word.
- J is the distance from the vertical center of the plaque to the left edge of the second word.
- K is the width of the second word.
- L is the corner radius.

R3-5gP: Bus Lane (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 width of the first word.
- H is the distance from the vertical center of the plaque to the right edge of the first word.
- J is the width of the second word. The left edge of the word is aligned with the vertical center of the sign.
- K is the corner radius.

R3-6: Optional Movement Lane Control – Thru and Turn

R3-6R

- 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 tip of the left arrowhead to the top of the sign.
- F is the distance from the horizontal center of the sign to the tip of the left arrowhead.
- G is the distance from the horizontal center of the sign to the base of the arrow.
- H is the distance from the base of the arrow to the bottom of the sign
- J is the width of the arrow's base.
- K is the distance from the vertical center of the sign to the right edge of the left arrow shaft.
- L is the distance from the vertical center of the sign to the vertex of the curve angle of the right arrow branch.
- M is the radius of the curve in the right arrow branch.
- N is the distance from the horizontal center of the sign to the vertex of the curve angle of the right arrow branch.
- P is the distance from the horizontal center of the sign to the tip of the right arrowhead.
- Q is the distance from the vertical center of the sign to the tip of the right arrowhead.
- R is the width of each arrowhead.
- S is the corner radius.

R3-6L

- 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 tip of the right arrowhead to the top of the sign.
- F is the distance from the horizontal center of the sign to the tip of the right arrowhead.
- G is the distance from the horizontal center of the sign to the base of the arrow.
- H is the distance from the base of the arrow to the bottom of the sign
- J is the width of the arrow's base.
- K is the distance from the vertical center of the sign to the left edge of the right arrow shaft.
- L is the distance from the vertical center of the sign to the vertex of the curve angle of the left arrow branch.
- M is the radius of the curve in the left arrow branch.
- N is the distance from the horizontal center of the sign to vertex of the curve angle of the left arrow branch.
- P is the distance from the horizontal center of the sign to the tip of the left arrowhead.
- Q is the distance from the vertical center of the sign to the tip of the left arrowhead.

- R is the width of each arrowhead.
- S is the corner radius.

R3-8 Advance Intersection Lane Control (2 lanes)

R3-8R

- A is the length of each side of the sign.
- B is the inset from the edge of the sign to the border.
- C is the border width and the width of the partial dividing line.
- D is the distance from the horizontal center of the sign to the tip and base of the straight arrow on the left.
- E is the distance from the bottom of the word to the bottom of the sign.
- F is the letter height and FHWA standard font for the word.
- G is the distance from the horizontal center of the sign to the tip of the arrow on the right.
- H is the distance from the vertical center of the sign to the tip of the arrow on the right.
- J is the distance from the vertical center of the sign to the tip of the curved arrow on the left.
- K is the distance from the vertical center of the sign to the tip of the straight arrow on the left.
- L is the width of each arrow shaft.
- M is the width of the word.
- N is the distance from the horizontal center of the sign to the bottom of the arc of the arrow on the right.
- P is the distance from the horizontal center of the sign to the base of the arrow on the right.
- Q is the radius of the arc of the right arrow.
- R is the distance from the horizontal center of the sign to the tip of the curved arrow on the left.
- S is the distance from the vertical center of the sign to the bottom of the arc of the arrow on the right.
- T is the width of each arrowhead.
- U is the radius of the arc of the curved arrow on the left.
- V is the distance from the vertical center of the sign to the left edge of the partial dividing line.
- W is the distance from the vertical center of the sign to the left edge of the word.
- X is the distance from the horizontal center of the sign to the bottom of the arc of the arrow on the left.
- Y is the distance from the horizontal center of the sign to the top of the partial dividing line.
- Z is the corner radius.

R3-8L:

- H is the distance from the vertical center of the sign to the tip of the arrow on the left.
- K is the distance from the vertical center of the sign to the tip of the straight arrow on the left right.

R3-8a: Advance Intersection Lane Control (3 lanes)

- 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 letter height and FHWA standard font for each word.
- F is the distance from the bottom of the words to the bottom of the sign.
- G is the distance from the horizontal center of the sign to the tip of the straight arrow in the middle.
- H is the width of each partial dividing line
- J is the distance from the vertical center of the sign to the right edge of the arrow base in the middle.
- K is the distance from the horizontal center of the sign to the tips of the left and right arrows.
- L is the distance from the horizontal center of the sign to the bottom of the arcs of the left and right arrows.
- M is the radius of the arc of the left and right arrows.
- N is the space between the partial dividing lines and the left and right arrows.
- P is the distance from the horizontal center of the sign to the bases of the left and right arrows.
- Q is the width of each arrowhead.
- R is the width of each arrow shaft.
- S is the distance from the horizontal center of the sign to the base of the arrow in the middle.
- T is the distance from the vertical center of the sign to the edges of each partial dividing line.
- U is the distance from the vertical center of the sign to the center of the straight arrow in the middle.
- V is the radius of the arc of the curved arrow in the middle.
- W is the distance from the horizontal center of the sign to the bottom of the arc of the curved arrow in the middle.
- X is the distance from the horizontal center of the sign to the tip of the curved arrow in the middle.
- Y is the distance from the vertical center of the sign to the tip of the curved arrow in the middle.
- Z is the distance from the vertical center of the sign to the tip of the arrow on the right.
- AA is the width of each word.
- BB is the space between each word and the partial dividing lines.
- CC is the distance from the horizontal center of the sign to the top of the partial dividing line on the right.
- DD is the corner radius.

R3-8b: Advance Intersection Lane Control (3 lanes)

- 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 letter height and FHWA standard font for the words.
- F is the distance from the bottom of each word to the bottom of the sign.
- G is the distance from the horizontal dividing line to the base of each arrow.
- H is the distance from the horizontal dividing line to the tip of the vertical arrow.
- J is the distance from the horizontal center of the sign to the tip of each curved arrow.
- K is the distance from the horizontal center of the sign to the beginning of the curve in each curved arrow.
- L is the distance from the vertical center of the sign to the tip of each curved arrow.
- M is the radius of the curve centerline in each of the curved arrows.
- N is the space between each partial dividing line and the base of its adjacent curved arrow.
- P is the width of each partial dividing line.
- Q is the width of each arrowhead.
- R is the width of each arrow shaft base.
- S is the width of the word under each curved arrow.
- T is the space between the partial dividing line and the word under each curved arrow.
- U is the distance from the vertical center of the sign to the left and right edges of the word under the vertical arrow.
- V is the corner radius.

R3-9a: Two-Way Left Turn Only (overhead)

- 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 base of the first arrow to the top of the sign and from the bottom of the word to the bottom of the sign.
- F is the length of the vertical section of each arrow shaft from the base to the start of the curve.
- G is the vertical distance from the start of the curve to the tip of each arrow.
- H is the vertical distance from the tip of the first arrow to the base of the second arrow.
- J is the space between the base of the second arrow and the word.
- K is the letter height and FHWA standard font for the word.
- L is the radius of the curve in each arrow. Each curve subtends an angle of 71.5 degrees.
- M is the distance from the center of the curve in the first arrow to the right edge of the sign and from the center of the curve in the second arrow to the left edge of the sign.
- N is the length of the straight section of each arrow shaft from the end of the curve to the base of the arrowhead.
- P is the width of each arrowhead.
- Q is the distance from the tip of the top arrow to the right edge of the sign and from the tip of the bottom arrow to the left edge of the sign.
- R is the distance from the vertical center of the sign to the left and right edges of the word.
- S is the corner radius.

R3-9b: Two-Way Left Turn Only (post-mounted)

- 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 and the width of the dividing line.
- 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 each line of words.
- G is the space between the first and second lines and between the second arrow symbol and last line.
- H is the distance from the bottom of the second line to the top of the dividing line.
- J is the distance from the bottom of the dividing line to the top of the first arrow symbol.
- K is the distance from the top of the first arrow symbol to the bottom of the second arrow symbol.
- L is the distance from bottom of the last line to the bottom of the sign.
- M is the distance from the vertical center of the sign to the left edge of the word on the first line.
- N is the distance from the vertical center of the sign to the right edge of the word on the first line.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- Q is the distance from the vertical center of the sign to the left and right edges of the dividing line.
- R is the length of the straight section of each arrow from the base of the arrow shaft to the beginning of the curve.
- S is the radius of the curve in each arrow. Each curve subtends an angle of 75 degrees.
- T is the length of the straight section of each arrow shaft from the end of the curve to the base of the arrowhead.
- U is the distance from the vertical center of the sign to the left edge of the word on the last line.
- V is the distance from the vertical center of the sign to the right edge of the word on the last line.
- W is the width of each arrowhead.
- X is the corner radius.

R3-9e: Reversible Lane Control (overhead)

- 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 vertical center of each section of the sign to the vertical center of each dividing line bordering the respective section.
- F is the distance from the tip of the straight branch of the arrow in the center section of the sign to the top of the sign.
- G is the distance from the top of the symbol on the right section of the sign to the top of the sign.
- H is the height of the symbol on the right section of the sign.
- J is the space between the first and second lines of the right section of the sign.
- K is the letter height and FHWA standard font for the second line of the right section of the sign.
- L is the letter height and FHWA standard font for the third and fourth lines of the right section of the sign.
- M is the space between the third and fourth lines of the right section of the sign.
- N is the distance from the bottom of the last line of the right section of the sign to the bottom of the sign.
- P is the distance from the last line on the left section of the sign to the bottom of the sign.
- Q is the letter height and FHWA standard font for the last line of the left section of the sign.
- R is the distance from the center of the symbol on the first line of the left section of the sign to the top of the sign.
- S is the length of each rectangle that forms the crossbuck symbol on the first line of the left section of the sign.
- T is the width of each rectangle that forms the crossbuck symbol on the first line of the left section of the sign.
- U is the distance from the vertical center of the sign to the tip of the curved branch of the arrow symbol on the center section of the sign.
- V is the height of the arrow symbol on the center section of the sign.
- W is the width of each vertical dividing line.
- X is the distance from the vertical center of the right section of the sign to the left and right edges of the symbol on the first line.
- Y is the distance from the vertical center of the right section of the sign to the left and right edges of the word on the second line.
- Z is the distance from the vertical center of the left and center sections of the sign to the left and right edges of the word on the second line of each section.
- AA is the distance from the vertical center of the right section of the sign to the left and right edges of the word on the third line.
- BB is the distance from the vertical center of the right section of the sign to the left and right edges of the word on the fourth line.
- CC is the corner radius.

R3-9f: Reversible Lane Control (post-mounted)

- 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 space between the first and second lines.
- H is the distance from the bottom of the second line to the bottom of the black panel.
- J is the distance from the bottom of the black panel to the top of the third line.
- K is the letter height and FHWA standard font for the third, fourth, and fifth lines.
- L is the space between the third and fourth lines and between the fifth and sixth lines.
- M is the space between the fourth and fifth lines.
- N is the letter height and FHWA standard font for the sixth line.
- P is the distance from the bottom of the last line to the bottom of the sign.
- Q is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- R is the distance from the vertical center of the sign to the left edge of the word on the second line.
- S is the distance from the vertical center of the sign to the right edge of the word on the second line.
- T is the width of the first word on the third line.
- U is the space between the words on the third line and between the second number and the word on the fifth line.
- V is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- W is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- X is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- Y is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- Z is the distance from the vertical center of the sign to the left and right edges of the fifth line.
- AA is the width of the numbers and the word on the fifth line.
- BB is the width of the hyphen and the space between the hyphen and the numbers on the fifth line.
- CC is the distance from the vertical center of the sign to the left and right edges of the sixth line.
- DD is the width of the words on the sixth line.
- EE is the width of the hyphen and the space between the hyphen and the words on the fifth line.
- FF is the corner radius.

R3-10a: Preferential Lane Vehicle Occupancy Definition (post-mounted)

- 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 horizontal center of the symbol to the top of the sign.
- F is the distance from the horizontal center of the sign to the bottom edge of the panel.
- G is the distance from the bottom edge of the panel to the top of the first line.
- H is the letter height and FHWA standard font for each line.
- J is the space between lines.
- K is the distance from the bottom of the last line to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the word on the third line.
- R is the distance from the vertical center of the sign to the right edge of the word on the third line.
- S is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- T is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- U is the distance from the vertical center of the sign to the left edge of the word on the fifth line.
- V is the distance from the vertical center of the sign to the right edge of the word on the fifth line.
- W is the distance from the horizontal center of the symbol to the top and bottom of the symbol.
- X is the distance from the vertical center of the symbol to the right and left edges of the symbol.
- Y is the border width of the symbol.
- Z is the corner radius.

R3-11b: Preferential Lane Operation – High-Occupancy Vehicles, Full-Time (post-mounted)

- 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 horizontal center of the symbol to the top of the sign.
- F is the distance from the horizontal center of the sign to the bottom of black panel.
- G is the distance from the bottom of the black panel to the top of the first line.
- H is the letter height and FHWA standard font for each line.
- J is space between the lines.
- K is the distance from the bottom of the last line to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left and right edges of the first line.
- M is the width of the first word on the first line.
- N is the space between the words on the first line.
- P is the width of the second word on the first line.
- Q is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- R is the distance from the horizontal center of the symbol to the top and bottom of the symbol.
- S is the distance from the vertical center of the symbol to the right and left edges of the symbol.
- T is the border width of the symbol.
- U is the corner radius.

R3-12f: Preferential Lane Ahead (post-mounted)

- 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 and right edges of the word on the second line.
- L is the distance from the vertical center of the sign to the left edge of the word on the third line.
- M is the distance from the vertical center of the sign to the right edge of the word on the third line.
- N is the corner radius.

R3-12g: Preferential Lane Ends (post-mounted)

- 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 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 and right edges of the word on the second line.
- L is the distance from the vertical center of the sign to the left and right edges of the word on the third line and the corner radius.

R3-15d: Preferential Lane Ahead or Ends (overhead)

- 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 edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the corner radius.

R3-15e: Preferential Lane Ahead or Ends (overhead)

- 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 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 edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the corner radius.

R3-17: Bike Lane

- 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 distance from the top of the symbol to the top of the sign.
- E is the height of the symbol.
- F is the distance from the bottom of the symbol to the bottom of the black panel.
- G is the distance from the bottom of the black panel to the top of the second line.
- H is the letter height and FHWA standard font for the second line.
- J is the distance from the bottom of the second line to the bottom of the sign.
- K is the border width.
- L is the width 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 distance from the vertical center of the sign to the left edge of the second word on the second line.
- P is the width of the second word on the second line.
- Q is the corner radius.

R3-17aP: Ahead (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 word to the top of the plaque and from the bottom of the word to the bottom of the plaque.
- F is the letter height and FHWA standard font for the word.
- G is the distance from the vertical center of the plaque to the left edge of the word.
- H is the distance from the vertical center of the plaque to the right edge of the word.
- J is the corner radius.

R3-17bP: Ends (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 text.
- G is the distance from the vertical center of the plaque to the left and right edges of the word.
- H is the corner radius.

R3-18: Movement Prohibition – No U or Left Turn

- 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 circle to the top of the sign and from the bottom of the circle to the bottom of the sign.
- E is the distance from the horizontal center of the sign to the top and bottom of the circle.
- F is the width of each arrow shaft.
- G is the distance from the vertical center of the sign to the left edge of the vertical portion of the arrow shaft.
- H is the distance from the vertical center of the sign to the tip of the arrowhead of the first arrow branch.
- J is the distance from the horizontal center of the sign to the tip of the arrowhead of the first arrow branch.
- K is the distance from the horizontal center of the sign to the center of the curve in the arrow shaft.
- L is the distance from the vertical center of the sign to the center of the curve in the arrow shaft.
- M is the outer radius of the curve in the arrow shaft.
- N is the inner radius of the curve in the arrow shaft.
- P is the distance from the horizontal center of the sign to the tip of the arrowhead of the second arrow branch.
- Q is the width of the diagonal line.
- R is the distance from the vertical center of the sign to the tip of the arrowhead of the second arrow branch.
- S is the linewidth of the red open circle.
- T is the width of each arrowhead.
- U is the corner radius.

R3-20: Begin Right (Left) Turn Lane – 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 letter height and FHWA standard font for each line of words.
- G is the space between the lines of words.
- H is the space between the fourth and fifth lines.
- J is the distance from the bottom of the last line to the bottom of the sign.
- K is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- L is the distance from the vertical center of the sign to the left and right edges 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 distance from the vertical center of the sign to the left edge of the word on the fourth line.
- P is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- Q is the distance from the vertical center of the sign to tip of the arrow symbol.
- R is the length of the arrow.
- S is the width of the arrowhead.
- T is the corner radius.

R3-20: Begin Right (Left) Turn Lane – Sheet 2

- 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 each line of words.
- G is the space between the lines of words.
- H is the space between the fourth and fifth lines.
- J is the distance from the bottom of the last line to the bottom of the sign.
- K is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- L is the distance from the vertical center of the sign to the left and right edges 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 distance from the vertical center of the sign to the left edge of the word on the fourth line.
- P is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- Q is the distance from the vertical center of the sign to the tip of the arrow symbol.
- R is the length of the arrow.
- S is the width of the arrowhead.
- T is the corner radius.

R3-23: All Turns From Right Lane

- 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 and third lines.
- G is the space between lines.
- H is the letter height and FHWA standard font for the second line.
- J is the width of the first word on the first line.
- K is the space between the words on the first line.
- L is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- N is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- P is the width of the first word on the third line.
- Q is the distance from the vertical center of the sign to the right edge of the first word on the third line.
- R is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- S is the width of the second word on the third line.
- T is the corner radius.

R3-23a: U Turn from Right Lane

- 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 and second lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the third line.
- J is the width of the first word on the first line.
- K is the space between the words on the first line.
- L is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- N is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- P is the width of the first word on the third line.
- Q is the distance from the vertical center of the sign to the left edge of the first word on the third line.
- R is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- S is the width of the second word on the third line.
- T is the corner radius.

R3-24: All turns Directional (Oblique)

- 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 tip of the arrowhead to the top of the sign.
- F is the height of the arrow.
- G is the distance from the bottom the arrow shaft to the bottom of the sign.
- H is the distance from the top of the words to the top of the sign and from the bottom of the words to the bottom of the sign.
- J is the letter height and FHWA standard font for each line.
- K is the width of the first word.
- L is the space between the words.
- M is the distance from the vertical center of the sign to the left edge of the second word.
- N is the distance from the vertical center of the sign to the right edge of the second word.
- P is the distance from the right edge of the second word to the tip of the arrowhead.
- Q is the length of the arrow.
- R is the width of the arrowhead.
- S is the corner radius.

R3-24a: U and Left Turns Directional (Oblique)

- 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 arrow to the top of the sign.
- F is the height of the arrow.
- G is the distance from the base of the arrow to the bottom of the sign.
- H is the distance from the top of the words on the first line to the top of the sign and from the bottom of the last line to the bottom of the sign.
- J is the letter height and FHWA standard font for each line.
- K is the space between the lines.
- L is the width of the first word on the first line.
- M is the space between the first and second words on the first line.
- N is the width of the second word on the first line.
- P is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- Q is the distance from the vertical center of the sign to the left edge of the third word on the first line.
- R is the width of the third word on the first line.
- S is the distance from the vertical center of the sign to the left edge of the word on the second line.
- T is the distance from the vertical center of the sign to the right edge of the word on the second line.
- U is the space between the word on the second line and the arrow.
- V is the length of the arrow.
- W is the width of the arrowhead.
- X is the distance from the right edge of the last word on the first line to the tip of the arrow.
- Y is the corner radius.

R3-24b: U Turn Directional (Oblique)

- 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 tip of the arrowhead to the top of the sign.
- F is the height of the arrow.
- G is the distance from the base of the arrow to the bottom of the sign.
- H is the distance from the top of the words to the top of the sign and from the bottom of the words to the bottom of the sign.
- J is the letter height and FHWA standard font for the first word on the sign.
- K is the width of the first word.
- L is the space between the first and second words.
- M is the distance from the vertical center of the sign to the left edge of the second word.
- N is the distance from the vertical center of the sign to the right edge of the second word.
- P the distance from the right edge of the last word to the tip of the arrow.
- Q is the letter height and FHWA standard font for the second word on the sign.
- R is the length of the arrow.
- S is the width of the arrowhead.
- T is the corner radius.

R3-25: All Turns Directional

- 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 line to the top of the sign and from the bottom of the line to the bottom of the sign.
- F is the width of the arrowhead.
- G is the letter height and FHWA standard font for the line.
- H is the width of the first word.
- J is the space between the words.
- K is the distance from the vertical center of the sign to the left edge of the second word.
- L is the distance from the vertical center of the sign to the right edge of the second word.
- M is the space between the second word and the arrow.
- N is the length of the arrow.
- P is the corner radius.

R3-25a: U and Left Turns Directional

- 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 edge of the arrowhead to the top of the sign.
- F is the height of the arrowhead.
- G 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.
- H is the letter height and FHWA standard font for the lines.
- J is the space between the lines.
- K is the width of the first word on the first line.
- L is the space between the first and second words on the first line.
- M is the width of the second word on the first line.
- N is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- P is the distance from the vertical center of the sign to the left edge of the third word on the first line.
- Q is the width of the third word on the first line.
- R is the distance from the vertical center of the sign to the left edge of the word on the second line.
- S is the distance from the vertical center of the sign to the right edge of the word on the second line.
- T is the distance from the right edge of the word on the second line to the left edge of the arrow symbol.
- U is the length of the arrow.
- V is the corner radius.

R3-25b: U Turn Directional

- 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 line to the top of the sign and from the bottom of the line to the bottom of the sign.
- F is the height of the arrowhead and the space between the words.
- G is the letter height and FHWA standard font for the first word on the sign.
- H is the width of the first word.
- J is the distance from the vertical center of the sign to the left edge of the second word.
- K is the distance from the vertical center of the sign to the right edge of the second word.
- L is the space between the second word and the arrow.
- M is the letter height and FHWA standard font for the second word on the sign.
- N is the length of the arrow.
- P is the corner radius.

R3-26: U and Left Turns Directional (Through)

- 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 top of the arrow to the top of the sign, from the base of the arrow to the bottom of the sign, and from the right edge of the third word on the first line to the right edge of the sign.
- J is the length of the arrow.
- K is the width of the arrowhead.
- L is the space between the arrow and the first word on the first line.
- M is the width of the first word on the first line.
- N is the space between the words on the first line.
- P is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- Q is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- R is the width of the third word on the first line.
- S is the distance from the vertical center of the sign to the left edge of the word on the second line.
- T is the distance from the vertical center of the sign to the right edge of the word on the second line.
- U is the corner radius.

R3-26a: U Turn Directional (Through)

- 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 words to the top of the sign and from the bottom of the words to the bottom of the sign.
- F is the letter height and FHWA standard font for the second word on the sign.
- G is the distance from the tip of the arrowhead to the top of the sign and from the base of the arrow to the bottom of the sign.
- H is the height of the arrow.
- J is the width of the arrowhead and the space between the arrow and the first word on the sign.
- K is the width of the first word on the sign.
- L is the distance from the vertical center of the sign to the right edge of the first word on the sign.
- M is the distance from the vertical center of the sign to the left edge of the second word on the sign.
- N is the width of the second word on the sign.
- P is the letter height and FHWA standard font for the first word on the sign.
- Q is the corner radius.

R3-27: Movement Prohibition – No Straight Through

- 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 circle to the top of the sign and from the bottom of the circle to the bottom of the sign.
- E is the distance from the horizontal center of the sign to the top and bottom edges of the circle.
- F is the width of the diagonal line and the linewidth of the open circle.
- G is the width of the arrowhead.
- H is the distance from the horizontal center of the sign to the tip of the arrowhead.
- J is the distance from the horizontal center of the sign to the base of the arrow shaft.
- K is the corner radius.

R3-29P: Pay Toll (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.

R3-30P: Take Ticket (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 right and left edges of the word on the first line.
- J is the distance from the vertical center of the plaque to the left edge of the word on the second line.
- K is the distance from the vertical center of the plaque to the right edge of the word on the second line.
- L is the corner radius.

R3-31: ETC Account Only

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

R3-32P: No Cash (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 width of the first word.
- H is the distance between the first and second words.
- J is the distance from the vertical center of the plaque to the left edge of the second word.
- K is the distance from the vertical center of the plaque to the right edge of the second word.
- L is the corner radius.

R3-33: Right (Left) Lane Must Exit – 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 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the width of the first word on the first line.
- K is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- L is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- M is the width of the second word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the first word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- Q is the space between the words on the second line.
- R is the width of the second word on the second line.
- S is the corner radius.

R3-33: Right (Left) Lane Must Exit – Sheet 2

- 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 width of the first word on the first line.
- J is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- K is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- L is the width of the second word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the first word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- P is the space between the words on the second line.
- Q is the width of the second word on the second line.
- R is the corner radius.

R3-42: Priced Managed Lane Ends (post-mounted)

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second and third lines.
- J is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- K is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- L is the distance from the vertical center of the sign to the left edge of the word on the third line.
- M is the distance from the vertical center of the sign to the right edge of the word on the third line.
- N is the corner radius.

R3-42b: Priced Managed Lane Restriction Ends (post-mounted)

- 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 and third 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 and right edges 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.

R3-45: Priced Managed Lane Ends (overhead)

- 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 edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the corner radius.

R3-45a: Price Managed Lane Restriction Ends (overhead)

- 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 last line to the bottom of the sign.
- F is the letter height and FHWA standard font for the first and third 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 and right edges of the word on the second line.
- M is the distance from the vertical center of the sign to the left edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the corner radius.

R4-1: Do Not Pass

- 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 edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the corner radius.

R4-2: Pass With Care

- 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 edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the corner radius.

R4-3: Slower Traffic Keep Right

- 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 and second lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the third and fourth lines.
- 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 edge of the word on the fourth line.
- R is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- S is the corner radius.

R4-4: Begin Right Turn Lane Yield to Bikes

- 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 line.
- G is the space between the first and second lines.
- H is the letter height and FHWA standard font for the second line.
- J is the space between the second and fourth lines.
- K is the letter height and FHWA standard font for the fourth line.
- L is the space between the arrow tip and the fourth line.
- M is the distance from the vertical center of the sign to the left and right edges of the first line.
- N is the width of the first word on the second line.
- P is the space between the words.
- Q is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- R is the distance from the vertical center of the sign to the right edge of the second word on the second line.
- S is the width of the third word on the second line.
- T is the distance from the vertical center of the sign to the tip of the arrow.
- U is the length of the arrow.
- V is the width of the arrowhead.
- W is the width of the first word on the fourth line.
- X is the distance from the vertical center of the sign to the left edge of the second word on the fourth line.
- Y is the distance from the vertical center of the sign to the right edge of the second word on the fourth line.
- Z is the width of the third word on the fourth line.
- AA is the corner radius.

R4-5: Trucks Use Right Lane

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second, third, and fourth lines.
- 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 edge of the word on the fourth line.
- R is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- S is the corner radius.

R4-8c: Narrow Keep Left

- 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 tip of the arrow to the top of the sign and from the base of the arrow shaft to the bottom of the sign.
- F is the distance from the beginning of the first curve in the arrow shaft to the tip of the arrow.
- G is the distance from the base of the arrow shaft to the beginning of the first curve in the arrow shaft.
- H is the height of the island symbol.
- J is the distance from the top of the island symbol to the top of the sign.
- K is the distance from the vertical center of the island symbol to the right edge of the sign.
- L is the distance from the tip of the arrowhead to the left edge of the sign.
- M is the width of the island symbol.
- N is the major radius of the curve in the left and right edges of the island. This curve subtends an angle of 18.43 degrees.
- P is the distance from the end of the second curve in the arrow shaft to the base of the arrowhead.
- Q is the radius of each curve in the arrow shaft. Each curve subtends an angle of 36.88 degrees.
- R is the distance from the center of the left and right minor curves in the island ellipse to the bottom of the island symbol. Each minor curve in the ellipse subtends an angle of 71.25 degrees.
- S is the width of the arrow shaft.
- T is the width of the arrowhead.
- U is the corner radius.

R4-9: Stay in Lane

- 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 and right edges of the word on the first line.
- J is the distance from the vertical center of the sign to the left edge of the word on the second line.
- K is the distance from the vertical center of the sign to the right edge of the word on the second line.
- L is the distance from the vertical center of the sign to the left edge of the word on the third line.
- M is the distance from the vertical center of the sign to the right edge of the word on the third line.
- N is the corner radius.

R4-10: Runaway Vehicles Only

- 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 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 each line.
- F is the space between the lines.
- G is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- H is the distance from the vertical center of the sign to the left edge of the word on the second line.
- J is the distance from the vertical center of the sign to the right edge of the word on the second line.
- K is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- L is the corner radius.

R4-12: Slow Vehicles With XX or More Following Vehicles Must Use Turn-Out

- 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 space between the first and second lines.
- H is the letter height and FHWA standard font for the second, third, and fourth lines.
- J is the space between the second, third, and fourth lines.
- K is the distance from the bottom of the fourth line to the bottom of the sign.
- L is the width of the first word on the first line.
- M is the space between the words on the first line.
- N is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- P is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- Q is the width of the first word on the second line.
- R is the space between each word and number on the second line.
- S is the width of the number on the second line.
- T is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- U is the distance from the vertical center of the sign to the right edge of the second word on the second line.
- V is the width of the third word on the second line.
- W is the width of the first word on the third line.
- X is the distance from the vertical center of the sign to the right edge of the first word on the third line.
- Y is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- Z is the width of the second word on the third line.
- AA is the width of the first word on the fourth line.
- BB is the space between the first and second words on the fourth line.
- CC is the width of the second word on the fourth line.
- DD is the distance from the vertical center of the sign to the right edge of the second word on the fourth line.
- EE is the distance from the vertical center of the sign to the left edge of the third word on the fourth line.
- FF is the width of the third word on the fourth line.
- GG is the space between the third word and the hyphen on the fourth line.
- HH is the width of the hyphen on the fourth line.
- JJ is the space between the hyphen and the fourth word on the fourth line.
- KK is the width of the fourth word on the fourth line.
- LL is the corner radius.

R4-13: Slow Vehicles Must Use Turn-Out Ahead

- 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 on the first and second lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font on the third line.
- J is the width of the first word on the first line.
- K is the space between the words on the first line.
- L is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- N is the width of the first word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- R is the width of the second word on the second line.
- S is the width of the first word on the third line.
- T is the space between the first word and the hyphen on the third line.
- U is the width of the hyphen on the third line.
- V is the space between the hyphen and the second word on the third line.
- W is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- X is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- Y is the space between the second and third words on the third line.
- Z is the width of the third word on the third line.
- AA is the corner radius.

R4-14: Slow Vehicles Must Turn Out

- 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, second, and fourth lines.
- G is the space between the lines of words.
- H is the letter height and FHWA standard font for the third line.
- J is the distance from the bottom of the fourth line to the arrowhead tip.
- K is the distance from the arrowhead tip to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- M is the distance from the vertical center of the sign to the left and right edges 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 edge of the first word on the fourth line.
- R is the distance from the vertical center of the sign to the right edge of the first word on the fourth line.
- S is the space between words on the fourth line.
- T is the width of the second word on the fourth line.
- U is the length of the arrow.
- V is the width of the arrowhead.
- W is the corner radius.

R4-16: Keep Right Except to Pass

- 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 space between the first, second, and third lines.
- H is the letter height and FHWA standard font for the third and fourth lines.
- J is the space between the third and fourth lines.
- K is the distance from the bottom of the fourth line to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the word on the third line.
- R is the distance from the vertical center of the sign to the right edge of the word on the third line.
- S is the width of the first word on the fourth line.
- T is the space between the words on the fourth line.
- U is the distance from the vertical center of the sign to the left edge of the second word on the fourth line.
- V is the distance from the vertical center of the sign to the right edge of the second word on the fourth line.
- W is the corner radius.

R4-17: Do Not Drive on Shoulder

- 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 on the first and second lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font on the third line.
- J is the letter height and FHWA standard font on the fourth line.
- K is the width of the first word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- N is the width of the second word on the first line.
- P is the distance from the vertical center of the sign to the left edge of the word on the second line.
- Q is the distance from the vertical center of the sign to the right edge of the word on the second line.
- R is the distance from the vertical center of the sign to the left edge of the word on the third line.
- S is the distance from the vertical center of the sign to the right edge of the word on the third line.
- T is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- U is the corner radius.

R5-1: Do Not Enter

- A is the length of each edge of the sign.
- B is the distance from the top of the first line to the top of the sign and the distance from the bottom of the last line to the bottom of the sign.
- C is the letter height and FHWA standard font for each line.
- D is the distance from the bottom of the first line to the bottom edge of the top panel and from the top of the second line to the top edge of the bottom panel.
- E is the height of the white gap between the top and bottom panels.
- F is the radius of the outer edge of the circle.
- G is the radius of the inner edge of the circle.
- H is the width of the first word on the first line.
- J is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- K is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- L is the width of the second word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the word on the second line.
- P is the corner radius.

R5-1a: Wrong Way

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the 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 each line.
- F is the space between the lines.
- G is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- H is the distance from the vertical center of the sign to the left edge of the word on the second line.
- J is the distance from the vertical center of the sign to the right edge of the word on the second line.
- K is the corner radius.

R5-1b: Bicycle Wrong Way

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

R5-2: No Trucks

- 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 circle to the top of the sign and from the bottom of the circle to the bottom of the sign.
- E is the distance from the top of the circle to the top of the truck symbol.
- F is the height of the truck symbol.
- G is the distance from the bottom of the truck symbol to the bottom of the circle.
- H is the distance from the vertical center of the sign to the left edge of the truck symbol.
- J is the distance from the vertical center of the sign to the right edge of the truck symbol.
- K is the width of the red diagonal line and the linewidth of the open circle.
- L is the corner radius.

R5-3: No Motor Vehicles

- 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 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 first line.
- F is the space between the lines.
- G is the letter height and FHWA standard font for the second line.
- H is the letter height and FHWA standard font for the third 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 and right edges of the word on the second line.
- M is the distance from the vertical center of the sign to the left edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the corner radius.

R5-4: No Commercial Vehicles

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third line.
- K is the distance from the vertical center of the sign to the left edge of the word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the 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.

R5-5: No Vehicles with Lugs

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third line.
- K is the distance from the vertical center of the sign to the left edge of the word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the word on the second line.
- P is the width of the first word on the third line.
- Q is the distance from the vertical center of the sign to the right edge of the first word on the third line.
- R is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- S is the width of the second word on the third line.
- T is the corner radius.

R5-6: No Bicycles

- 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 circle to the top of the sign and from the bottom of the circle to the bottom of the sign.
- E is the distance from the top of the circle to the top of the bicycle symbol.
- F is the height of the bicycle symbol.
- G is the distance from the bottom of the bicycle symbol to the bottom of the circle.
- H is the distance from the vertical center of the sign to the left edge of the bicycle symbol.
- J is the distance from the vertical center of the sign to the right edge of the bicycle symbol.
- K is the width of the red diagonal line and the linewidth of the open circle.
- L is the corner radius.

R5-7: No Non-Motorized Traffic

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third line.
- K is the distance from the vertical center of the sign to the left edge of the word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the word on the first line.
- M is the width of the first word on the second line.
- N is the space between the hyphen and the words on the second line.
- P is the width of the hyphen.
- Q is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- R is the distance from the vertical center of the sign to the right edge of the second word on the second line.
- S is the distance from the vertical center of the sign to the left edge of the word on the third line.
- T is the distance from the vertical center of the sign to the right edge of the word on the third line.
- U is the corner radius.

R5-8: No Motor-Driven Cycles

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third line.
- K is the distance from the vertical center of the sign to the left edge of the word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the word on the first line.
- M is the width of the first word on the second line.
- N is the space between the first word and the hyphen on the second line.
- P is the distance from the vertical center of the sign to the left edge of the hyphen on the second line.
- Q is the distance from the vertical center of the sign to the right edge of the hyphen on the second line.
- R is the space between the hyphen and the second word on the second line.
- S is the width of the second word on the second line.
- T is the distance from the vertical center of the sign to the left edge of the word on the third line.
- U is the distance from the vertical center of the sign to the right edge of the word on the third line.
- V is the corner radius.

R5-10: No Pedestrians, Bicycles, Motor-Driven Cycles

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second, third, and fifth lines.
- J is the letter height and FHWA standard font for the fourth line.
- K is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- L is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- M is the distance from the vertical center of the sign to the left edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the width of the first word on the fourth line.
- Q is the space between the first word and the the hyphen on the fourth line.
- R is the distance from the vertical center of the sign to the left edge of the hyphen on the fourth line.
- S is the distance from the vertical center of the sign to the right edge of the hyphen on the fourth line.
- T is the space between the hyphen and the second word on the fourth line.
- U is the width of the second word on the fourth line.
- V is the distance from the vertical center of the sign to the left edge of the word on the fifth line.
- W is the distance from the vertical center of the sign to the right edge of the word on the fifth line.
- X is the corner radius.

R5-10b: No Pedestrians or Bicycles

- 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 line
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second and third lines.
- J is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- K is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- L is the width of the first word on the third line.
- M is the space between the words on the third line.
- N is the distance from the vertical center of the sign to the left edge of the second 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

R5-10c: No Pedestrians

- 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 line.
- 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 and right edges of the word on the first line.
- K is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- L is the corner radius.

R5-11: Authorized Vehicles Only

- 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 word on the first line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the word on the second line.
- J is the letter height and FHWA standard font for the word on the third line.
- K is the distance from the vertical center of the sign to the left edge of the word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the word on the second line.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- Q is the corner radius.

R6-6: Begin One Way

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second and third lines.
- 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 corner radius.

R6-7: End One Way

- 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 edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the corner radius.

R7-1: No Parking Any Time

- 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 space between the first and second lines.
- H is the letter height and FHWA standard font for the second line.
- J is the space between the second, third, and fourth lines
- K the letter height and FHWA standard font for the third and fourth lines.
- L is the distance from the bottom of the arrow symbol to the bottom of the sign.
- M is the width of the arrowhead.
- N is the space between the fourth and fifth lines.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- 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 word on the third line.
- T is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- U is the distance from the vertical center of the sign to the left and right edges of the arrow symbol.
- V is the corner radius.

R7-2: No Parking (Part-Time)

- 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 red circle to the top of the sign.
- F is the distance from the top of the circle to the top of the letter “P” and from the bottom of the letter “P” to the bottom of the circle.
- G is the letter height and FHWA standard font for the letter “P.”
- H is the distance from the bottom of the circle to the top of the first line.
- J is the letter height and FHWA standard font for each line.
- K is the space between the lines.
- L is the distance from the bottom of the last line to the bottom of the sign.
- M is the distance from the vertical center of the sign to the left edge of the letter “P.”
- N is the distance from the vertical center of the sign to the right edge of the letter “P.”
- P is the radius of the outer edge of the circle.
- Q is the radius of the inner edge of the circle.
- R is the space between the words and the width of the red diagonal line within the circle.
- S is the width of the words on the first line and the width of the second and third words on the second line.
- T is the width of the first word on the second line.
- U is the corner radius.

R7-2a: No Parking (Part-Time)

- 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 space between the first and second lines.
- H is the letter height and FHWA standard font for the second line.
- J is the space between the second and third lines.
- K is the letter height and FHWA standard font for the third and fourth lines.
- L is the space between the fourth and fifth lines.
- M is the height of the arrowhead.
- N is the distance from the bottom of the arrow to the bottom of the sign.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- 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 third line.
- T is the distance from the vertical center of the sign to the left edge of the first word on the third line.
- U is the space between the words on the third and fourth lines.
- V is the width of the second word on the third line.
- W is the distance from the vertical center of the sign to the left and right edges of the fourth line.
- X is the width of the first word on the fourth line.
- Y is the width of the second word on the fourth line.
- Z is the width of the third word on the fourth line.
- AA is the distance from the vertical center of the sign to the left and right edges of the arrow symbol.
- BB is the corner radius.

R7-3: No Parking Except Sundays and Holidays

- 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 space between the first and second lines.
- H is the letter height and FHWA standard font for the second line.
- J is the space between the second, third, fourth, and fifth lines.
- K is the letter height and FHWA standard font for the third, fourth, and fifth lines.
- L is the space between the fifth and sixth lines.
- M is the height of the arrow symbol on the sixth line.
- N is the distance from the bottom of the arrow symbol to the bottom of the sign.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- 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 word on the third line.
- T is the distance from the vertical center of the sign to the left edge of the first word on the fourth line.
- U is the distance from the vertical center of the sign to the right edge of the first word on the fourth line.
- V is the space between the words on the fourth line.
- W is the width of the second word on the fourth line.
- X is the distance from the vertical center of the sign to the left and right edges of the word on the fifth line.
- Y is the distance from the vertical center of the sign to the left and right tips of the arrowheads on the sixth line.
- Z is the corner radius.

R7-4: No Standing Any Time

- 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 the width of the arrowhead.
- F is the letter height and FHWA standard font for the first line.
- G is the space between the lines of words.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third and fourth lines.
- K is the space between the fourth line and the arrow symbol.
- L is the distance from the bottom of the arrow symbol to the bottom of the sign.
- M is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- N is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- P is the distance from the vertical center of the sign to the left and right edges 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 distance from the vertical center of the sign to the left and right tips of the arrowheads.
- S is the corner radius.

R7-5: Parking Permitted (Time 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, the space between the lines, the height of the arrow symbol, and the distance 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 of words.
- G is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- H is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- J is the distance from the vertical center of the sign to the left edge of the word on the third line.
- K is the distance from the vertical center of the sign to the right edge of the word on the third line.
- L is the distance from the vertical center of the sign to the left and right tips of the arrowheads.
- M is the corner radius.

R7-6: No Parking Loading 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.
- F is the letter height and FHWA standard font for the first line.
- G is the space between the first and second lines.
- H is the letter height and FHWA standard font for the second line.
- J is the space between the second and third lines.
- K is the letter height and FHWA standard font for the third line.
- L is the space between the third, fourth, and fifth lines.
- M is the width of the arrowheads.
- N is the distance from the bottom of the arrow symbol to the bottom of the sign.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- 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 edge of the word on the third line.
- T is the distance from the vertical center of the sign to the right edge of the word on the third line.
- U is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- V is the distance from the vertical center of the sign to the left and right tips of the arrowheads.
- W is the corner radius.

R7-8: Reserved Parking – Accessible

- 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 space between the first and second lines and the space between the second line and blue panel.
- H is the height of the blue panel.
- J is the space between the panel and the arrow.
- K is the width of each arrowhead.
- L is the distance from the bottom of the arrow symbol to the bottom of the sign.
- M is the distance from the vertical center of the sign to the left edge of the first word.
- N is the distance from the vertical center of the sign to the right edge of the first word.
- P is the distance from the vertical center of the sign to the left edge of the second word.
- Q is the distance from the vertical center of the sign to the right edge of the second word.
- R is the distance from the vertical center of the sign to the left and right edges of the blue panel.
- S is the panel corner radius.
- T is the distance from the vertical center of the sign to the left and right tips of the arrowheads.
- U is the sign corner radius.

R7-8aP: Van Accessible (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.
- F is the letter height and FHWA standard font for the first line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second line.
- K is the distance from the vertical center of the plaque to the left and right edges of the first word.
- L is the distance from the vertical center of the plaque to the left and right edges of the second word.
- M is the corner radius.

R7-9: No Parking Bike Lane

- 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 and the width of the dividing line.
- E is the distance from the top of the second word on the first line to the top of the sign.
- F is the letter height and FHWA standard font for the second word on the first line.
- G is the distance from the bottom of the second word on the first line to the top edge of the dividing line and the space between the second and third lines.
- H is the distance from the bottom edge 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 distance from the bottom of the last line to the bottom of the sign.
- L is the letter height and FHWA standard font for the first word on the first line.
- M is the distance from the top of the first word on the first line to the top of the sign.
- N is the width of the first word on the first line.
- P is the space between the words on the first line.
- Q is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- R is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- S is the distance from the right edge of the red panel to the left edge of the sign.
- T is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- U is the distance from the vertical center of the sign to the left edge of the word on the third line.
- V is the distance from the vertical center of the sign to the right edge of the word on the third line.
- W is the corner radius.

R7-9a: No Parking Bike Lane

- 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 circle to the top of the sign and from the bottom of the last line to the bottom of the sign.
- F is the distance from the top of the circle to the top of the letter “P.”
- G is the letter height and FHWA standard font for the letter “P.”
- H is the distance from the bottom of the letter “P” to the bottom of the circle.
- J is the space between the circle, the second line, and the third line.
- K is the letter height and FHWA standard font for the second and third lines.
- L is the distance from the vertical center of the sign to the left edge of the letter “P.”
- M is the distance from the vertical center of the sign to the right edge of the letter “P.”
- N is the radius of the outer edge of the circle.
- P is the radius of the inner edge of the circle.
- Q is the width of the diagonal line in the circle.
- R is the distance from the vertical center of the sign to the left edge of the word on the second line.
- S is the distance from the vertical center of the sign to the right edge of the word on the second line.
- T is the distance from the vertical center of the sign to the left edge of the word on the third line.
- U is the distance from the vertical center of the sign to the right edge of the word on the third line.
- V is the corner radius.

R7-20: Parking Fee Station, Multispace Meter

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the sign border width.
- D is the inset from the inner edge of the sign border to the adjacent edge of each white panel and the space between the panels.
- 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 space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the distance from the top of the right panel to the top of the arrow symbol.
- K is the length of the arrow.
- L is the distance from the tip of the arrow to the bottom of the sign.
- M is the distance from the bottom of the symbol on the left panel to the bottom of the sign.
- N is the height of the symbol on the left panel.
- P is the width of the white border on the left panel and from the vertical center of the arrow to the left edge of the number on the first line.
- Q is the distance from the vertical center of the arrow symbol to the right edge of the number on the first line.
- R is the distance from the vertical center of the arrow symbol to the left and right edges of the word on the second line.
- S is the width of the symbol on the left panel.
- T is the distance from the left edge of the arrowhead to the left edge of the right panel.
- U is the width of the arrowhead.
- V is the distance from the right edge of the arrowhead to the right edge of the right panel.
- W is the corner radius.

R7-21: Metered Parking

- 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 and the width of the dividing line.
- 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 line.
- G is the space between the first and second lines.
- H is the distance from the bottom of the second line to the top edge of the dividing line.
- J is the distance from the bottom edge of the dividing line to the top of the third line and the space between the lines on the green panel.
- K is the letter height and FHWA standard font for the third, fourth, and fifth lines and the distance from the top of the first line on the green panel to the top of the sign.
- L is the space between the third, fourth, and fifth lines.
- M is the width of the arrowhead.
- N is the distance from the bottom edge of the arrow symbol to the bottom of the sign.
- P is the letter height and FHWA standard font for the second line on the green panel.
- Q is the letter height and FHWA standard font for the first line on the green panel.
- R is the width of the number on the first line of the green panel.
- S is the distance from the right edge of the number on the panel to the right edge of the panel.
- T is the distance from the vertical center of the sign to the left edge of the word on the first line.
- U is the distance from the vertical center of the sign to the right edge of the word on the first line.
- V is the distance from the vertical center of the sign to the left edge of the word on the second line.
- W is the distance from the vertical center of the sign to the right edge of the word on the second line.
- X is the distance from the right edge of the panel to the left edge of the sign and the distance from the vertical center of the sign to the left and right edges of the arrow symbol.
- Y is the width of the word on the second line of the green panel.
- Z is the distance from the right edge of the word on the second line of the green panel to the right edge 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 third line.
- BB is the distance from the vertical center of the sign to the left and right edges of the fourth line.
- CC is the width of the first word on the fourth line.
- DD is the space between the words on the fourth line.
- EE is the width of the second word on the fourth line.
- FF is the distance from the vertical center of the sign to the left and right edges of the word on the fifth line.

- GG is the corner radius.

R7-22: Metered Parking

- 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, second, and fifth lines.
- G is the space between the first and second lines.
- H is the space between the second, third, fourth, and fifth lines.
- J is the letter height and FHWA standard font for the third and fourth lines.
- K is the height of the arrow symbol on the fifth line.
- L is the distance from the bottom of the last line to the bottom of the sign.
- M this is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- N this is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P this is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Q this is the distance from the vertical center of the sign to the left edge of the number and to the right edge of the hyphen on the third line.
- R this is the distance from the vertical center of the sign to the left edge of the number and to the right edge of the word on the fourth line.
- S this is the distance from the vertical center of the sign to the left and right edges of the fifth line.
- T this is the distance from the vertical center of the sign to the tips of each arrowhead on the sixth line.
- U is the corner radius.

R7-107: No Parking Bus 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 and the width of the dividing line.
- 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 second word on the first line.
- G is the distance from the bottom of the second word on the first line to the top edge of the dividing line and from the bottom edge of the dividing line to the top of the second line.
- H is the letter height and FHWA standard font for the second and third lines.
- J is the space between the second and third lines.
- K is the distance from the bottom of the third line to the top of the arrow symbol.
- L is the width of the arrowhead.
- M is the distance from the bottom of the arrow symbol to the bottom of the sign and from the top of the first word on the first line to the top of the sign.
- N is the letter height and FHWA standard font for the first word on the first line.
- P is the width of the first word on the first line.
- Q is the space between the words on the first line
- R is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- S is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- T is the distance from the left edge of the sign to the right edge of the red panel.
- U is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- V is the distance from the vertical center of the sign to the left edge of the word on the third line.
- W is the distance from the vertical center of the sign to the right edge of the word on the third line.
- X is the distance from the vertical center of the sign to the left and right edges of the arrow symbol.
- Z is the corner radius.

R7-107a: No Parking Bus 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 and the height of the arrow symbol on the third line.
- F is the height of the bus symbol on the first line.
- G is the space between the first and second lines.
- H is the distance from the top of the symbol to the top of the letter “P” on the second line.
- J is the letter height and FHWA standard font for the letter “P” on the second line.
- K is the distance from the bottom of the letter “P” to the bottom of the symbol on the second line.
- L is the space between the second and third lines.
- M is the distance from the bottom of the last line to the bottom of the sign.
- N is the distance from the vertical center of the sign to the left edge of the letter “P” on the second line.
- P is the distance from the vertical center of the sign to the right edge of the letter “P” on the second line.
- Q is the width of the diagonal line and circle on the second line.
- R is the distance from the vertical center of the sign to the left and right edges of the arrow symbol on the third line.
- S is the corner radius.

R7-108: Parking Allowed (Time Limit, Part-Time)

- 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 and the width of the dividing line.
- E is the distance from the top of the first line to the top of the sign, the space between the third, fourth, and fifth lines, and the distance from the bottom of the last line to the bottom of the sign.
- F is the letter height and FHWA standard font for the word on the first line.
- G is the space between the first and second lines.
- H is the letter height and FHWA standard font for the word on the second line.
- J is the distance from the bottom of the second line to the top edge of the dividing line.
- K is the distance from the bottom edge of the dividing line to the top of the third line.
- L is the letter height and FHWA standard font for the third and fourth lines.
- M is the width of the arrowheads.
- N is the letter height and FHWA standard font for the number on the green panel.
- P is the distance from the top of the number on the green panel to the top of the sign.
- Q is the width of the number on the green panel.
- R is the distance from the right edge of the number on the green panel to the right edge of the panel.
- 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 width 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 second line.
- W is the distance from the left edge of the sign to the right edge of the green panel.
- X is the distance from the vertical center of the sign to the left and right edges of the third line.
- Y is the width of each word on the third line and the second and third words on the fourth line.
- Z is the space between the words on the third and fourth lines.
- AA is the distance from the vertical center of the sign to the left and right edges of the fourth line.
- BB is the width of the first word on the fourth line.
- CC is the distance from the vertical center of the sign to the tip of each arrowhead on the fifth line.
- DD is the corner radius.

R7-200: No Parking/Restricted Parking (combined sign) – 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 each border.
- D is the width of each border.
- E is the distance from the top of the first line of the right sign to the top of the sign.
- F is the letter height and FHWA standard font for the first, second, and third lines on the right sign.
- G is the space between the lines of words on the right sign.
- H is the letter height and FHWA standard font for the fourth line of the right sign and for the third line of the left sign.
- J is the space between the fourth and fifth lines on the right sign.
- K is the height of the double arrow symbol on the last line of each sign.
- L is the distance from the bottom of the last line of each sign to the bottom of the sign and the corner radius.
- M is the space between the second, third, and fourth lines on the left sign.
- N is the letter height and FHWA standard font for the second line on the left sign.
- P is the space between the first and second lines on the left sign.
- Q is the letter height and FHWA standard font for the first line on the left sign.
- R is the distance from the top of the first line on the left sign to the top of the sign.
- S is the distance from the vertical center of the left sign to the left and right edges of the word on the first line.
- T is the distance from the vertical center of the left sign to the left and right edges of the word on the second line.
- U is the width of the words on the third line of the left sign and on the fourth line of the right sign.
- V is the width of the hyphen and the space between the hyphen and each word on the third line of the left sign and on the fourth line of the right sign.
- W is the distance from the vertical centers of each sign to the left and right tips of the double arrow on the last line.
- X is the distance from the vertical center of the right sign to the left and right edges of the word on the first line.
- Y is the distance from the vertical center of the right sign to the left and right edges of the word on the second line.
- Z is the distance from the vertical center of the right sign to the left edge of the word on the third line.
- AA is the distance from the vertical center of the right sign to the right edge of the word on the third line.

R7-200: No Parking/Restricted Parking (combined sign) – Sheet 2

- 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 each border.
- D is the width of each border.
- E is the distance from the top of the first line of the right sign to the top of the sign.
- F is the letter height and FHWA standard font for the first, second, and third lines on the right sign and for the third and fourth lines of the left sign.
- G is the space between the first, second, third, and fourth lines on the right sign.
- H is the letter height and FHWA standard font for the fourth line of the right sign.
- J is the space between the fourth and fifth lines of each sign.
- K is the height of the arrow symbol on the last line of each sign.
- L is the distance from the bottom of the last line of each sign to the bottom of the sign and the corner radius.
- M is the space between the first, second, third, and fourth lines on the left sign.
- N is the letter height and FHWA standard font for the second line on the left sign.
- P is the letter height and FHWA standard font for the first line on the left sign.
- Q is the distance from the top of the first line on the left sign to the top of the sign.
- R is the distance from the vertical center of the left sign to the left and right edges of the word on the first line.
- S is the distance from the vertical center of the left sign to the left and right edges of the word on the second line.
- T is the distance from the vertical center of the left sign to the left and right edges of the word on the third line.
- U is the distance from the vertical center of the left sign to the left and right edges of the word on the fourth line.
- V is the distance from the vertical center of each sign to the left and right edges of the arrow symbol on the last line.
- W is the distance from the vertical center of the right sign to the left and right edges of the word on the first line.
- X is the distance from the vertical center of the right sign to the left and right edges of the word on the second line.
- Y is the distance from the vertical center of the right sign to the left edge of the word on the third line.
- Z is the distance from the vertical center of the right sign to the right edge of the word on the third line.
- AA is the width of the words on the fourth line of the right sign.
- BB is the width of the hyphen and the space between the hyphen and each word on the fourth line of the right sign.

R7-200a: No Parking/Restricted Parking (combined sign) – 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 each border.
- D is the border width.
- E is the distance from the top of the first line of the top section to the top of the sign.
- F is the letter height and FHWA standard font for the first line of the top section.
- G is the space between the lines of words in the top section.
- H is the letter height and FHWA standard font for the second line of the top section.
- J is the letter height and FHWA standard font for the third and fourth lines of the top section and the first, second, and third lines of the bottom section.
- K is the space between the fourth and fifth lines for both sections.
- L is the height of the arrow symbol in each section.
- M is the distance from the bottom of the last line of the top section to the horizontal center of the sign and from the bottom of the last line of the bottom section to the bottom of the sign.
- N is the distance from the horizontal center of the sign to the top of the first line of the bottom section.
- P is the space between the lines of words in the bottom section.
- Q is the letter height and FHWA standard font for the fourth line of the bottom section.
- R is the distance from the vertical center of the sign to the left and right edges of the word on the first line of the top section.
- S is the distance from the vertical center of the sign to the left and right edges of the word on the second line of the top section.
- T is the distance from the vertical center of the sign to the left and right edges of the word on the third line of the top section.
- U is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line of the top section.
- V is the width of the arrow shaft in each section.
- W is the distance from the vertical center of the sign to the left and right edges of the arrow symbol in each section.
- X is the distance from the vertical center of the sign to the left and right edges of the word on the first line of the bottom section.
- Y is the distance from the vertical center of the sign to the left and right edges of the word on the second line of the bottom section.
- Z is the distance from the vertical center of the sign to the left edge of the word on the third line of the bottom section.
- AA is the distance from the vertical center of the sign to the right edge of the word on the third line of the bottom section.
- BB is the distance from the vertical center of the sign to the left and right edges of the words on the fourth line of the bottom section.
- CC is the corner radius.

R7-200a: No Parking/Restricted Parking (combined sign) – Sheet 2

- 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 each border.
- D is the border width.
- E is the distance from the top of the first line of the top section to the top of the sign.
- F is the letter height and FHWA standard font for the first line of the top section.
- G is the space between the first and second lines of the top section.
- H is the letter height and FHWA standard font for the second line of the top section.
- J is the space between the second, third, fourth lines of the top section.
- K is the letter height and FHWA standard font for the last line of words in each section.
- L is the height of the last line of each section.
- M is the distance from the bottom of the arrowheads in the top section to the horizontal center of the sign and from the bottom of the arrowheads in the bottom section to the bottom of the sign.
- N is the distance from the horizontal center of the sign to the top of the first line of the bottom section.
- P is the letter height and FHWA standard font for the first, second, and third lines of the bottom section.
- Q is the space between the lines of words in the bottom section.
- R is the space between the fourth and fifth lines of the bottom section.
- S is the distance from the vertical center of the sign to the left and right edges of the word on the first line of the top section.
- T is the distance from the vertical center of the sign to the left and right edges of the word on the second line of the top section.
- U is the distance from the vertical center of the sign to the left and right edges of the word on the last line of words in each section.
- V is the width of the arrow shafts.
- W is the distance from the vertical center of the sign to the left and right tips of the arrowheads in each section.
- X is the distance from the vertical center of the sign to the left and right edges of the word on the first line of the bottom section.
- Y is the distance from the vertical center of the sign to the left and right edges of the word on the second line of the bottom section.
- Z is the distance from the vertical center of the sign to the left edge of the word on the third line of the bottom section.
- AA is the distance from the vertical center of the sign to the right edge of the word on the third line of the bottom section.
- BB is the corner radius.

R7-201P: Tow Away Zone (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 tow truck to the top of the plaque and the corner radius.
- F is the height of the tow truck.
- G is the distance from the bottom of the tow truck to the bottom of the plaque and from the vertical center of the plaque to the left edge of the tow truck bed.

R7-201aP: Tow Away Zone (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.

R7-202P: This Side of Sign (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 width of the first word on the first line.
- J is the distance from the vertical center of the plaque to the right edge of the first word on the first line.
- K is the distance from the vertical center of the plaque to the left edge of the second word on the first line.
- L is the width of the second word on the first line.
- M is the width of the first word on the second line.
- N is the space between the words on the second line.
- P is the distance from the vertical center of the plaque to the left edge of the second word on the second line.
- Q is the distance from the vertical center of the plaque to the right edge of the second word on the second line.
- R is the corner radius.

R7-203: Snow Emergency Route

- 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, second, and third lines.
- G is the space between the first, second, and third lines.
- H is the distance from the bottom of the third line to the bottom of the panel.
- J is the distance from the bottom of the panel to the top of the fourth line and the space between the fourth, fifth, and sixth lines.
- K is the letter height and FHWA standard font for the fourth line.
- L is the letter height and FHWA standard font for the fifth and sixth lines.
- M is the space between the sixth and seventh lines.
- N is the letter height and FHWA standard font for the seventh line.
- P is the distance from the bottom of the last line to the bottom of the sign.
- Q is the distance from the vertical center of the sign to the left edge of the word on the first line.
- R is the distance from the vertical center of the sign to the right edge of the word on the first line.
- S is the distance from the vertical center of the sign to the left edge of the word on the second line.
- T is the distance from the vertical center of the sign to the right edge of the word on the second line.
- U is the distance from the vertical center of the sign to the left edge of the word on the third line.
- V is the distance from the vertical center of the sign to the right edge of the word on the third line.
- W is the width of the first word on the fourth line.
- X is the space between the words on the fourth line.
- Y is the distance from the vertical center of the sign to the left edge of the second word on the fourth line.
- Z is the distance from the vertical center of the sign to the right edge of the second word on the fourth line.
- AA is the distance from the vertical center of the sign to the left edge of the first word on the fifth line.
- BB is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- CC is the space between the words on the fifth and seventh lines.
- DD is the width of the second word on the fifth line.
- EE is the distance from the vertical center of the sign to the left edge of the word on the sixth line.
- FF is the distance from the vertical center of the sign to the right edge of the word on the sixth line.

- GG is the width of the first word on the seventh line.
- HH is the width of the hyphen and the space between the hyphen and the first and second words on the seventh line.
- JJ is the distance from the vertical center of the sign to the left edge of the second word on the seventh line.
- KK is the distance from the vertical center of the sign to the right edge of the second word on the seventh line.
- LL is the width of the third word on the seventh line.
- MM is the corner radius.

R8-1: No Parking on Pavement

- 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 line.
- G is the space between the first, second, and third lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third and fourth lines.
- K space between the third and fourth lines.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the word on the third line.
- R is the distance from the vertical center of the sign to the right edge of the word on the third line.
- S is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- T is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- U is the corner radius.

R8-2: No Parking Except on Shoulder

- 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 line.
- G is the space between the first, second, and third lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third and fourth lines.
- K space between the third and fourth lines.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the first word on the third line.
- R is the distance from the vertical center of the sign to the right edge of the first word on the third line.
- S is the space between the words on the third line.
- T is the width of the second word on the third line.
- U is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- V is the corner radius.

R8-3: No Parking (symbol)

- 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 red circle to the top of the sign and the distance from the bottom of the red circle to the bottom of the sign.
- E is the distance from the top of the letter to the top of the sign and from the bottom of the letter to the bottom of the sign.
- F is the letter height and FHWA standard font for the letter "P."
- G is the distance from the vertical center of the sign to the left edge of the letter "P."
- H is the distance from the vertical center of the sign to the right edge of the letter "P."
- J is the line width of the red diagonal line and circle.
- K is the corner radius.

R8-3a: No Parking

- 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 line.
- 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 corner radius.

R8-3c: On Pavement

- 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 red circle to the top of the sign.
- F is the distance from the top of the circle to the top of the letter “P” and from the bottom of the letter “P” to the bottom of the circle.
- G is the letter height and FHWA standard font for the letter “P.”
- H is the distance from the bottom of the circle to the top of the first line.
- J is the letter height and FHWA standard font for the first line.
- K is the space between the lines.
- L is the letter height and FHWA standard font for the second line.
- M is the distance from the bottom line to the bottom of the sign.
- N is the distance from the vertical center of the sign to the left edge of the letter “P.”
- P is the distance from the vertical center of the sign to the right edge of the letter “P.”
- Q is the line width of the red diagonal line and circle.
- R is the distance from the vertical center of the sign to the left edge of the word on the first line.
- S is the distance from the vertical center of the sign to the right edge of the word on the first line.
- T is the distance from the vertical center of the sign to the left edge of the word on the second line.
- U is the distance from the vertical center of the sign to the right edge of the word on the second line.
- V is the corner radius.

R8-3d: On Bridge

- 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 red circle to the top of the sign.
- F is the distance from the top of the circle to the top of the letter “P” and from the bottom of the letter “P” to the bottom of the circle.
- G is the letter height and FHWA standard font for the letter “P.”
- H is the distance from the bottom of the circle to the top of the first line.
- J is the letter height and FHWA standard font for the lines.
- K is the space between the lines.
- L is the distance from the bottom line to the bottom of the sign.
- M is the distance from the vertical center of the sign to the left edge of the letter “P.”
- N is the distance from the vertical center of the sign to the right edge of the letter “P.”
- P is the line width of the red diagonal line and circle.
- Q is the distance from the vertical center of the sign to the left edge of the word on the first line.
- R is the distance from the vertical center of the sign to the right edge of the word on the first line.
- S is the distance from the vertical center of the sign to the left edge of the word on the second line.
- T is the distance from the vertical center of the sign to the right edge of the word on the second line.
- U is the corner radius.

R8-3e: On Tracks

- 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 red circle to the top of the sign.
- F is the distance from the top of the circle to the top of the letter “P” and from the bottom of the letter “P” to the bottom of the circle.
- G is the letter height and FHWA standard font for the letter “P.”
- H is the distance from the bottom of the circle to the top of the first line.
- J is the letter height and FHWA standard font for the first line.
- K is the space between the lines.
- L is the letter height and FHWA standard font for the second line.
- M is the distance from the bottom of the last line to the bottom of the sign.
- N is the distance from the vertical center of the sign to the left edge of the letter “P.”
- P is the distance from the vertical center of the sign to the right edge of the letter “P.”
- Q is the linewidth of the red diagonal line and circle.
- R is the distance from the vertical center of the sign to the left edge of the word on the first line.
- S is the distance from the vertical center of the sign to the right edge of the word on the first line.
- T is the distance from the vertical center of the sign to the left edge of the word on the second line.
- U is the distance from the vertical center of the sign to the right edge of the word on the second line.
- V is the corner radius.

R8-3f: Except on Shoulder

- 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 circle to the top of the sign.
- F is the distance from the top of the letter “P” to the top of the circle and the from the bottom of the letter “P” to the bottom of the circle.
- G is the letter height and FHWA standard font for the letter “P”.
- H is the space between the circle and the first line and the space between the lines.
- J is the letter height and FHWA standard font for the lines.
- K is the distance from the bottom of the last line to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left edge of the letter “P”.
- M is the distance from the vertical center of the sign to the right edge of the letter “P”.
- N is the width of the diagonal line and the circle.
- P is the distance from the vertical center of the sign to the left edge of the first word on the first line.
- Q is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- R is the space between the words on the first line.
- S is the width of the second word on the first line.
- T is the distance from the vertical center of the sign to the left edge of the word on the second line.
- U is the distance from the vertical center of the sign to the right edge of the word on the second line.
- V is the corner radius.

R8-4: Emergency Parking Only

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second and third lines.
- 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 and right edges 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.

R8-5: No Stopping on Pavement

- 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 line.
- G is the space between the first, second, and third lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third and fourth lines.
- K space between the third and fourth lines.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the word on the third line.
- R is the distance from the vertical center of the sign to the right edge of the word on the third line.
- S is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- T is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- U is the corner radius.

R8-6: No Stopping Except on Shoulder

- 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 line.
- G is the space between the first, second, and third lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third and fourth lines.
- K space between the third and fourth lines.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the first word on the third line.
- R is the distance from the vertical center of the sign to the right edge of the first word on the third line.
- S is the space between the words on the third line.
- T is the width of the second word on the third line.
- U is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- V is the corner radius.

R8-7: Emergency Stopping Only

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second and third lines.
- 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 and right edges of the word on the third line.
- P is the corner radius.

R8-8: Do Not Stop on Tracks

- 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 lines.
- G is the space between the lines.
- H is the width of the first word on the first line.
- J is the space between the words on the first line.
- K is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the 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 distance from the vertical center of the sign to the left edge of the word on the fourth line.
- S is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- T is the corner radius.

R8-9: Tracks Out of Service

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

R8-10: Stop Here 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 space between the lines of words.
- H is the letter height and FHWA standard font for the second, third, and fourth line.
- J is the space between the fourth line and the arrow symbol.
- K is the distance from the tip of the arrowhead to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left and right edges of the 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 distance from the vertical center and the left and right edges of the word on the fourth line.
- S is the distance from the vertical center of the sign to the tip of the arrowhead.
- T is the width of the arrowhead.
- U is the length of the arrow.
- V is the corner radius.

R9-1: Walk on Left Facing Traffic

- 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 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 line.
- G is the space between the first, second, and third lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third and fourth lines.
- K is the space between the third and fourth lines
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the width of the first word on the second line.
- P is the space between the words on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- R is the distance from the vertical center of the sign to the to the right edge of the second word on the second line.
- S is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- T is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- U is the corner radius.

R9-2: Cross Only at Crosswalks

- 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, second, fourth, and fifth lines.
- G is the space between the first and second lines and the fourth and fifth lines.
- H is the space between the second, third, and fourth lines.
- J is the letter height and FHWA standard font for the third line.
- K is the distance from the vertical center of the sign to the left edge of the word on the first and fourth lines.
- L is the distance from the vertical center of the sign to the right edge of the word on the first and fourth lines.
- M is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- N is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- P is the distance from the vertical center of the sign to the left edge of the word on the fifth line.
- Q is the distance from the vertical center of the sign to the right edge of the word on the fifth line.
- R is the corner radius.

R9-3: No Pedestrian Crossing (symbol)

- 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 circle to the top of the sign and from the bottom of the circle to the bottom of the sign.
- E is the distance from the top of the symbol to the top of the circle and from the bottom of the symbol to the bottom of the circle.
- F is the distance from the horizontal center of the sign to the top and bottom of the symbol.
- G is the width of the diagonal line and the linewidth of the open circle.
- H is the distance from the vertical center of the sign to the left edge of the symbol.
- J is the corner radius.

R9-3a: No Pedestrian Crossing

- 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 space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third line.
- K is the distance from the bottom of the last line to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- M is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- N is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- P is the corner radius.

R9-3bP: Use Crosswalk (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 arrow symbol to the top of the plaque.
- F is the width of the arrowhead.
- G is the space between the arrowhead and the second line.
- H is the letter height and FHWA standard font for the second line.
- J is the distance from the bottom of the last line to the bottom of the plaque.
- K is the letter height and FHWA standard font for the word on the first line.
- L is the distance from the top of the word on the first line to the top of the plaque.
- M is the width of the word on the first line.
- N is the distance from the vertical center of the sign to the right edge of the word on the first line.
- P is the distance from the vertical center of the sign to the base of the arrow.
- Q is the length of the arrow.
- R is the distance from the vertical center of the plaque to the left edge of the word on the second line.
- S is the distance from the vertical center of the plaque to the right edge of the word on the second line.
- T is the corner radius.

R9-3cP: Ride With Traffic (plaque)

- 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 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 each line.
- F is the space between the lines.
- G is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- H is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- J is the distance from the vertical center of the sign to the left edge of the word on the third line.
- K is the distance from the vertical center of the sign to the right edge of the word on the third line.
- L is the corner radius.

R9-4: No Hitchhiking (symbol)

- 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 circle to the top of the sign and from the bottom of the circle to the bottom of the sign.
- E is the distance from the top of the circle to the top of the symbol.
- F is the distance from the horizontal center of the sign to the top of the symbol.
- G is the distance from the horizontal center of the sign to the bottom of the symbol.
- H is the distance from the bottom of the symbol to the bottom of the circle.
- J is the width of the diagonal line and the linewidth of the open circle.
- K is the distance from the vertical center of the sign to the left edge of the symbol.
- L is the corner radius.

R9-4a: No Hitchhiking

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second and third lines.
- 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 and right edges 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.

R9-5: Bicycles Use Pedestrian Signal

- 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 the space between the first and second lines.
- F is the height of the symbol.
- G is the letter height and FHWA standard font for the second, third, and fourth lines.
- H is the space between the second, third, and fourth lines.
- J is the distance from the bottom of the last line to the bottom of the sign.
- K is the distance from the vertical center of the sign to the left and right edges of the symbol.
- L is the distance from the vertical center of the sign to the left and right edges 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 distance from the vertical center of the sign to the left edge of the word on the fourth line.
- P is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- Q is the corner radius.

R9-6: Bicycles Yield to Pedestrians

- 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 symbol.
- G is the space between the symbol and the second line.
- H is the letter height and FHWA standard font for the second, third, and fourth lines.
- J is the space between the second, third, and fourth lines.
- K is the distance from the bottom of the last line to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left and right edges of the symbol.
- M is the distance from the vertical center of the sign to the left and right edges 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.

R9-7: Shared-Use Path Restriction

- 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 symbols to the bottom of the sign.
- F is the letter height and FHWA standard font for the first line.
- G is the space between the first and second lines and the distance from the right edge of the dividing line to the left edge of the pedestrian symbol.
- H is the letter height and FHWA standard font for the words above the symbols.
- J is the space between the word “RIGHT” and the pedestrian symbol.
- K is the height of the pedestrian symbol.
- L is the height of the bicycle symbol.
- M is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- N is the width of the word “LEFT.”
- P is the distance from the left edge of the dividing line to the right edge of the word “LEFT.”
- Q is the distance from the vertical center of the sign to the left edge of the dividing line.
- R is the distance from the vertical center of the sign to the right edge of the dividing line.
- S is the distance from the right edge of the dividing line to the left edge of the word “RIGHT.”
- T is the width of the second word “RIGHT.”
- U is the distance from the left edge of the dividing line to the right edge of the bicycle symbol.
- V is the corner radius

R9-13: No Skaters

- 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 symbol to the top of the sign.
- E is the distance from the horizontal center of the sign to the top of the symbol.
- F is the distance from the horizontal center of the sign to the bottom of the symbol.
- G is the distance from the bottom of the symbol to the bottom of the sign.
- H is the distance from the vertical center of the sign to the left edge of the symbol.
- J is the distance from the vertical center of the sign to the right edge of the symbol.
- K is the inner radius of the circle.
- L is the outer radius of the circle.
- M is the width of the diagonal line.
- N is the corner radius.

R9-14: No Equestrians

- 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 symbol to the top of the sign.
- E is the distance from the horizontal center of the sign to the top of the symbol.
- F is the distance from the horizontal center of the sign to the bottom of the symbol.
- G is the distance from the bottom of the black symbol to the bottom of the sign.
- H is the distance from the vertical center of the sign to the left edge of the symbol.
- J is the distance from the vertical center of the sign to the right edge of the symbol.
- K is the radius of the inner edge of the circle.
- L is the radius of the outer edge of the circle.
- M is the width of the red diagonal line.
- N is the corner radius.

R9-20: Bicycles Allowed Use of Full Lane

- 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 seat of the bicycle symbol to the top of the sign.
- E is the distance from the top of the seat of the bicycle symbol to the bottom of the bicycle symbol.
- F is the space between the bicycle symbol and the first line.
- G is the letter height and FHWA standard font for the first and second lines.
- H is the space between the lines.
- J is the letter height and FHWA standard font for the third line.
- K is the distance from the bottom of the last line to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left and right edges of the bicycle symbol.
- M is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- N is the width of the first word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- R is the width of the second word on the second line.
- S is the width of the first word on the third line.
- T is the distance from the vertical center of the sign to the right edge of the first word on the third line.
- U is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- V is the width of the second word on the third line.
- W is the corner radius.

R10-1: Cross Only on Green

- 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 each line.
- G is the space between the lines of words.
- H is the space between the fourth and fifth lines.
- J is the circle height.
- K is the distance from the bottom of the green circle to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left and right edges of the 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 distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- S is the corner radius.

R10-2: Cross Only on Walk Signal

- 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 word.
- G is the space between the first, second, and third lines.
- H is the distance from the bottom of the third line to the top of the fourth line.
- J is the distance from the top of the black background to the top of the pedestrian symbol and from the bottom of the pedestrian symbol to the bottom of the background.
- K is the height of the pedestrian symbol.
- L is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- M is the distance from the vertical center of the sign to the left and right edges 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 black background.
- R is the distance from the vertical center of the sign to the left edge of the word on the last line.
- S is the distance from the vertical center of the sign to the right edge of the word on the last line.
- T is the corner radius.

R10-3: Push Button for Walk Signal

- 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 the height of the arrow symbol on the fourth line.
- F is the height of the first line
- G is the space between the first and second lines.
- H is the letter height and FHWA standard font for the second line.
- J is the space between the second and third lines and between the words on the first line.
- K is the distance from the top of the pedestrian symbol to the top of the black panel and from the bottom of the pedestrian symbol to the bottom of the black panel on the third line.
- L is the height of the pedestrian symbol on the third line.
- M is the space between the third and fourth line.
- N is the distance from the bottom of the arrowhead to the bottom of the sign.
- P is the letter height and FHWA standard font for the words on the first line. The bottom of the words are aligned with the bottom of the line.
- Q is the width of the first word on the first line.
- R is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- S is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- T is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- U is the distance from the vertical center of the sign to the left and right edges of the black panel on the third line.
- V is the distance from the vertical center of the sign to the left and right edges of the arrow symbol on the fourth line.
- W is the corner radius.

R10-4: Push Button for Green

- 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 the height of the arrow symbol on the fifth line.
- F is the distance from the top of the first line to the top of the words on the first line.
- G is the letter height and FHWA standard font for the words on the first line. The bottom of the words are aligned with the bottom of the line.
- H is the space between the first, second, and third lines.
- J is the letter height and FHWA standard font for the second and third lines.
- K is the space between the third and fourth lines and the width of the arrow shaft.
- L is the height of the green circle.
- M is the distance from the bottom of the green circle to the top of the arrow shaft on the fifth line.
- N is the distance from the bottom of the arrow shaft to the bottom of the sign.
- P is the distance from the bottom of the last line to the bottom of the sign.
- Q is the height of the first line.
- R is the width of the first word on the first line.
- S is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- T is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- U is the width of the second word on the first line.
- V is the distance from the vertical center of the sign to the left and right edges of the word on the second 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 arrow symbol on the last line.
- Z is the corner radius.

R10-4a: Push Button – Wait for Green

- 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 the space between the words on the second line.
- F is the height of the first line.
- G is the space between the first and second lines, and the between the fourth, fifth, and sixth lines.
- H is the letter height and FHWA standard font for the second, third, fourth, and fifth lines.
- J is the space between the second and third lines.
- K is the height of the arrow symbol on the third line.
- L is the space between the third and fourth lines.
- M is the circle height.
- N is the distance from the bottom of the circle to the bottom of the sign.
- P is the letter height and FHWA standard font for the words on the first line.
- Q is the distance from the top of the words on the first line to the top of the sign.
- R is the width of the first word on the first line.
- S is the space between the words on the first line.
- T is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- U is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- V is the width of the first word on the second line.
- W is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- X is the distance from the vertical center of the sign to the right edge 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 word on the third line.
- Z is the distance from the vertical center of the sign to the right edge of the word on the third line.
- AA is the space between the word and the arrow symbol on the third line.
- BB is the width of the arrow symbol on the third line.
- CC is the width of the first word on the fourth line.
- DD is the distance from the vertical center of the sign to the right edge of the first word on the fourth line.
- EE is the distance from the vertical center of the sign to the left edge of the second word on the fourth line.
- FF is the width of the second word on the fourth line.
- GG is the distance from the vertical center of the sign to the left edge of the word on the fifth line.

- HH is the distance from the vertical center of the sign to the right edge of the word on the fifth line.
- JJ is the corner radius.

R10-5: Left on Green Arrow Only

- 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 lines.
- G is the space between the lines.
- H is the distance from the vertical center of the sign to the left edge of the first word on the first line.
- J is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- K is the space between the words on the first line.
- L is the width of the second word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the word on the second line.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- Q is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- R is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- S is the corner radius.

R10-6: Stop Here on Red

- 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 third lines.
- G is the space between the lines of words.
- H is the letter height and FHWA standard font for the second line.
- J is the distance from the bottom of the third line to the top of the arrow symbol.
- K is the distance from the bottom of the arrow symbol to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the first word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- Q is the space between the words on the second line.
- R is the width of the second word on the second line.
- S is the distance from the vertical center of the sign to the left edge of the third line.
- T is the distance from the vertical center of the sign to the right edge of the third line.
- U is the distance from the vertical center of the sign to the tip of the arrowhead.
- V is the width of the arrowhead.
- W is the length of the arrow.
- X is the corner radius.

R10-6a: Stop Here on Red

R10-6aL

- 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 and fourth lines.
- G is the space between the first and second lines and between the third and fourth lines.
- H is the letter height and FHWA standard font for the second and third lines.
- J is the space between the second and third lines.
- K is the distance from the tip of the arrow to the bottom of the sign.
- L is the height of the arrow symbol.
- M is the distance from the vertical center of the sign to the left edge of the word on the first line.
- N is the distance from the vertical center of the sign to the right edge of the word on the first line
- P is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the arrow symbol.
- R is the distance from the vertical center of the sign to the right edge of the arrow symbol.
- S is the width of the word on the third line. The left edge of the word is aligned with the vertical center of the sign.
- T is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- U is the distance from the vertical center of the sign to the right edge of the word on the fourth line
- V is the corner radius.

R10-6aR

- 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 and fourth lines.
- G is the space between the first and second lines and between the third and fourth lines.
- H is the letter height and FHWA standard font for the second and third lines.
- J is the space between the second and third lines.
- K is the distance from the tip of the arrow to the bottom of the sign.

- L is the height of the arrow symbol.
- M is the distance from the vertical center of the sign to the left edge of the word on the first line.
- N is the distance from the vertical center of the sign to the right edge of the word on the first line
- P is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- Q is the distance from the vertical center of the sign to the right edge of the arrow symbol.
- R is the distance from the vertical center of the sign to the left edge of the arrow symbol.
- S is the width of the word on the third line. The right edge of the word is aligned with the vertical center of the sign.
- T is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- U is the distance from the vertical center of the sign to the left edge of the word on the fourth line
- V is the corner radius.

R10-7: Do Not Block Intersection

- 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 two lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the third line.
- J is the width of the first word on the first line.
- K is the space between words on the first line.
- L is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- N is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- Q is the corner radius.

R10-8: Use Lane with Green Arrow

- 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 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 and right edges of the word on the first line.
- J is the distance from the vertical center of the sign to the left edge of the word on the second line.
- K is the distance from the vertical center of the sign to the right edge of the word on the second line.
- L is the distance from the vertical center of the sign to the left edge of the word on the third line.
- M is the distance from the vertical center of the sign to the right edge of the word on the third line.
- N is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- P is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- Q is the distance from the vertical center of the sign to the left and right edges of the word on the fifth line.
- R is the corner radius.

R10-10: Right Turn 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 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 edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the corner radius.

R10-10: Left Turn Signal – Sheet 2

- 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 edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the corner radius.

R10-11: No Turn on Red

- 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 space between the lines.
- H is the letter height and FHWA standard font for the second, third and fourth lines.
- J is the distance from the bottom of the last line to the bottom of the sign.
- K is the distance from the vertical center of the sign to the left edge of the word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the 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 distance from the vertical center of the sign to the left edge of the word on the fourth line.
- S is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- T is the corner radius.

R10-11a: No Turn on Circular Red

- 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 line.
- G is the space between the lines of words.
- H is the letter height and FHWA standard font for the second and third lines.
- J is the space between the third line and the symbol.
- K is the circle height.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Q is the width of the first word on the third line.
- R is the space between the words on the third line.
- S is the width of the second word on the third line. The word is left aligned with the vertical center of the sign.
- T is the distance from the vertical center of the sign to the left and right edges of the circle.
- U is the corner radius.

R10-11b: No Turn on Red

- 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 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 first line.
- F is the space between the lines.
- G is the letter height and FHWA standard font for the second and third lines.
- H is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- J is the distance from the vertical center of the sign to the left edge of the word on the second line.
- K is the distance from the vertical center of the sign to the right edge of the word on the second line and the width of the first word on the third line.
- L the space between the words on the third line.
- M is the width of the second word on the third line. The word is left aligned with the vertical center of the sign.
- N is the corner radius.

R10-11c: No Turn on Red Except From Right Lane

- 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, second, third and fourth lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the fifth line.
- J is the width of the first word on the first and second lines.
- K is the space between the words on the first line.
- L is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- N is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- P is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- Q is the width of the second word on the second line and the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- R is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- S is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- T is the width of the first word on the fifth line.
- U is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- V is the distance from the vertical center of the sign to the left edge of the second word on the fifth line.
- W is the width of the second word on the fifth line.
- X is the corner radius.

R10-11d: No Turn on Red From This Lane

- 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 each line of words.
- G is the space between the lines of words.
- H is the space between the fourth and fifth lines.
- K is the distance from the bottom of the last line to the bottom of the sign.
- L is the width of the first word on the first and second lines.
- M is the space between the words on the first line.
- N is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- P is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- Q is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- R is the distance from the vertical center the left edge of the second word on the second line.
- S is the width of the second word on the second line.
- T is the distance from the vertical center of the sign to the left edge of the first word on the third line.
- U is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- V is the width of the first word on the fourth line.
- W is the distance from the vertical center of the sign to the right edge of the first word on the fourth line.
- X is the space between the vertical center of the sign and the left edge of the second word on the fourth line.
- Y is the width of the second word on the fourth line.
- Z is the distance the vertical center of the sign to the left edge and to the right edge of the arrow symbol.
- AA is the corner radius.

R10-12: Left Turn Yield on Green

- 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 third lines.
- G is the space between the lines of words.
- H is the letter height and FHWA standard font for the second line.
- J is the space between the third line and the green circle.
- K is the circle height.
- L is the distance from the bottom of the circle to the bottom of the sign.
- M is the width of the first word on the first line.
- N is the distance from vertical center of the sign to the right edge of the first word on the first line.
- P is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- Q is the width of the of the second word on the first line.
- R is the distance from the vertical center of the sign to the left edge of the word on the second line.
- S is the distance from the vertical center of the sign to the right edge of the word on the second line.
- T is the width of the first word on the third line.
- U is the space between the words on the third line.
- V is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- W is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- X is the distance from the vertical center of the sign to the left and right edges of the circle.
- Y is the corner radius.

R10-13: Emergency Signal

- 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 line.
- 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 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 corner radius.

R10-14: Emergency Signal – Stop on Flashing Red

- 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 and the width of the dividing line.
- 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 first and second lines and between the third, fourth, and fifth lines.
- H is the distance from the bottom of the second line to the top of the dividing line and from the bottom of the dividing line to the top of the third 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 and right edges of the word on the second line.
- M is the distance from the vertical center of the sign to the left edge of the first word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the first word on the third line.
- P is the space between the words on the third line.
- Q is the width of the second word on the third line.
- R is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- S is the distance from the vertical center of the sign to the left edge of the word on the fifth line.
- T is the distance from the vertical center of the sign to the right edge of the word on the fifth line.
- U is the corner radius.

R10-14a: Emergency Signal – Stop on Flashing Red (overhead)

- 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 and the width of the dividing line.
- 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 each line.
- G is the distance from the bottom of the first line to the top edge of the dividing line.
- H is the distance from the bottom edge of the dividing line to the top of the second line.
- J is the space between the second and third lines.
- K is the distance between the bottom of the third line and the bottom of the sign.
- L is the distance from the vertical center of the sign to the left edge of the first word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- N is the space between the words on each line.
- P is the width of the second word on the first line.
- Q is the distance from the vertical center of the sign to the left edge of the first word on the second line.
- R is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- S is the width of the second word on the second line.
- T is the distance from the vertical center of the sign to the left edge of the first word on the third line.
- U is the distance from the vertical center of the sign to the right edge of the first word on the third line.
- V is the width of the second word on the third line.
- W is the corner radius.

R10-15: Turning Vehicles Yield to Pedestrians

R10-15R

- 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 and the width of the dividing line.
- D is the distance from the top of the arrow symbol to the top of the sign.
- E is the width of the arrowhead.
- F is the distance from the bottom of the arrowhead to the bottom of the arrow symbol.
- G is the distance from the bottom of the arrow symbol to the top of the dividing line.
- H is the distance from the bottom of the dividing line to the top of the pedestrian symbol, the distance from the bottom of the second line to the top of the dividing line, and the distance from the right edge of the second line to the left edge of the arrow.
- J is the height of the pedestrian symbol.
- K is the distance from the bottom of the pedestrian symbol to the bottom of the sign.
- L is the distance from the bottom of the “YIELD” symbol to the bottom of the sign.
- M is the height of the “YIELD” symbol.
- N is the distance from the top of the “YIELD” symbol to the bottom of the dividing line.
- P is the letter height and FHWA standard font for the word on the “YIELD” symbol.
- Q is the letter height and FHWA standard font for the second line.
- R is the space between the first and second lines.
- S is the letter height and FHWA standard font for the first line and for the word “TO.”
- T is the distance from the top of the first line to the top of the sign.
- U is the distance from the vertical center of the sign to the left edge of the word on the first 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 second line.
- X is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Y is the width of the arrow symbol.
- Z is the outer corner radius of the bend in the arrow.
- AA is the inner corner radius of the bend in the arrow.
- BB is the distance from the vertical center of the “YIELD” symbol to the left edge of the word on the symbol.
- CC is the distance from the vertical center of the “YIELD” symbol to the right edge of the word on the symbol.
- DD is the inset from the edge of the “YIELD” symbol to the white panel in the “YIELD” symbol.
- EE is the distance from the top edge of the white panel on the “YIELD” symbol to the top of the word on the symbol.
- FF is the corner radius of the “YIELD” symbol and of the white panel.
- GG is the space between the “YIELD” symbol and word “TO.”

- HH is the distance from the vertical center of the line to the left edge of the word “TO.”
- JJ is the distance from the vertical center of the line to the right edge of the word “TO.”
- KK is the space between the word “TO” and the pedestrian symbol.
- LL is the distance from the bottom of the word “TO” to the bottom of the sign.
- MM is the sign corner radius.

R10-15L

- 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 and the width of the dividing line.
- D is the distance from the top of the arrow symbol to the top of the sign.
- E is the width of the arrowhead.
- F is the distance from the bottom of the arrowhead to the bottom of the arrow symbol.
- G is the distance from the bottom of the arrow symbol to the top of the dividing line.
- H is the distance from the bottom of the dividing line to the top of the pedestrian symbol, the distance from the bottom of the second line to the top of the dividing line, and the distance from the left edge of the second line to the right edge of the arrow.
- J is the height of the pedestrian symbol.
- K is the distance from the bottom of the pedestrian symbol to the bottom of the sign.
- L is the distance from the bottom of the “YIELD” symbol to the bottom of the sign.
- M is the height of the “YIELD” symbol.
- N is the distance from the top of the “YIELD” symbol to the bottom of the dividing line.
- P is the letter height and FHWA standard font for the word on the “YIELD” symbol.
- Q is the letter height and FHWA standard font for the second line.
- R is the space between the first and second lines.
- S is the letter height and FHWA standard font for the first line and for the word “TO.”
- T is the distance from the top of the first line to the top of the sign.
- U is the distance from the vertical center of the sign to the right edge of the word on the first line.
- 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 second 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 width of the arrow symbol.
- Z is the outer corner radius of the bend in the arrow.
- AA is the inner corner radius of the bend in the arrow.
- BB is the distance from the vertical center of the “YIELD” symbol to the left edge of the word on the symbol.
- CC is the distance from the vertical center of the “YIELD” symbol to the right edge of the word on the symbol.
- DD is the inset from the edge of the “YIELD” symbol to the white panel in the “YIELD” symbol.

- EE is the distance from the top edge of the white panel on the “YIELD” symbol to the top of the word on the symbol.
- FF is the corner radius of the “YIELD” symbol and of the white panel.
- GG is the space between the “YIELD” symbol and word “TO.”
- HH is the distance from the vertical center of the line to the left edge of the word “TO.”
- JJ is the distance from the vertical center of the line to the right edge of the word “TO.”
- KK is the space between the word “TO” and the pedestrian symbol.
- LL is the distance from the bottom of the word “TO” to the bottom of the sign.
- MM is the sign corner radius.

R10-16: U-Turn Yield to Right Turn

- 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 width of the first word on the first line.
- J is the space between the words on the first line.
- K is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the 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 distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- S is the distance from the vertical center of the sign to the left and right edges of the word on the fifth line.
- T is the corner radius.

R10-17a: Right on Red Arrow After 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 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 width of the first word on the second line.
- L is the space between the words on the second line.
- M is the distance from the vertical center of the sign to the right edge of the second word on the second line and the width of the second 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 distance from the vertical center of the sign to the left edge of the word on the fifth line.
- S is the distance from the vertical center of the sign to the right edge of the word on the fifth line.
- T is the corner radius.

R10-18: Traffic Laws Photo Enforced

- 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 symbol to the top of the sign and the space between the second and third lines.
- F is the height of the symbol.
- G is the space between the first and second lines.
- H is the letter height and FHWA standard font for the second and third lines.
- J is the distance from the bottom of the last line to the bottom of the sign.
- K is the distance from the vertical center of the sign to the left edge of the symbol.
- L is the distance from the vertical center of the sign to the right edge of the symbol.
- M is the distance from the vertical center of the sign to the left edge of the first word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- P is the space between the words on the first line.
- Q is the width of the second word on the first line.
- R is the width of the first word on the third line.
- S is the space between the words on the third line.
- T is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- U is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- V is the corner radius.

R10-19P: Photo Enforced (symbol 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 symbol to the top of the plaque.
- F is the height of the symbol.
- G is the distance from the bottom of the symbol to the bottom of the plaque.
- H is the distance from the vertical center of the plaque to the left and right edges of the symbol.
- J is the corner radius.

R10-19aP: Photo Enforced (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 the first line.
- 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 plaque to the left edge of the word on the first line.
- K is the distance from the vertical center of the plaque to the right edge of the word on the first line.
- L is the distance from the vertical center of the plaque to the left edge of the word on the second line.
- M is the distance from the vertical center of the plaque to the right edge of the word on the second line.
- N is the corner radius.

R10-20aP: MON-FRI (and times) (3 lines) (plaque) – Sheet 1

- 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 and right edges of the first line.
- J is the distance from the vertical center of the plaque of the left and right edges of the second line.
- K is the width of the words on the second line.
- L is the space between the hyphen and each word on the second line.
- M is the width of the hyphen on the second line.
- N is the corner radius.

R10-20aP: MON-FRI (and times) (3 lines) (plaque) – Sheet 2

- 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 and right edges of the first line.
- J is the width of the words on the first line.
- K is the space between the hyphen and each word on each line.
- L is the width of the hyphen on the each line.
- M is the distance from the vertical center of the plaque to the left and right edges of the second line.
- N is the width of the words on the second line.
- P is the distance from the vertical center of the plaque to the left and right edges of the third line.
- Q is the width of the words on the third line.
- R is the corner radius.

R10-22: Bicycle Detector

- 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 word.
- G is the space between the lines of words in the top of the sign, the space between the lines of words in the left side of the sign, and the space between the first and second words on the first line.
- H is the distance from the bottom of the second line and the top of the upper vertical line and the width of the lower vertical line of the symbol.
- J is the distance from the vertical center of the sign to the left edge of the upper vertical line in the symbol and the height of each vertical line in the symbol.
- K is the space between the bicycle and the upper and lower vertical lines in the symbol.
- L is the height of the bicycle symbol.
- M is the distance from the bottom of the word on the fourth line to the bottom of the sign.
- N is the width of the first word on the first line.
- P is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- Q is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- R is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- S is the width of the upper vertical line in the symbol.
- T is the width of the word on the third line.
- U is the distance from the vertical center of the sign to the right edge of the word on the third line.
- V is the distance from the vertical center of the sign to the right edge of the bicycle symbol.
- W is the width of the word on the fourth line.
- X is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- Y is the corner radius.

R10-23: Crosswalk – Stop on Red

- 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 and the width of the dividing line.
- 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 and the space between the second and third lines.
- J is the letter height and FHWA standard font for the second line.
- K is the letter height and FHWA standard font for the third line.
- L is the circle height.
- M is the distance from the bottom of the circle to the bottom of the sign.
- N is the distance from the vertical center of the sign to the left edge of the word on the first line.
- P is the distance from the vertical center of the sign to the right edge of the word on the first line.
- Q is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- R is the width of the first word on the third line.
- S is the space between the words on the third line.
- T is the width of the second word on the third line. The word is left-aligned with the vertical center of the sign.
- U is the distance from the vertical center of the sign to the left and right edges of the circle.
- V is the corner radius.

R10-24: Bike Push Button for Green Light

- 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, from the bottom of the last line to the bottom of the sign, and the corner radius.
- F is the height of the symbol on the first and second line and the distance from the top of the second line to the bottom of the third line, which overlaps the second line.
- G is the space between the first and second lines.
- H is the distance from the top of the symbol on the second line to the top of the third line.
- J is the letter height and FHWA standard font each line of words.
- K is the space between the lines of words.
- L is the distance from the vertical center of the sign to the left and right edges of the bicycle symbol.
- M is the distance from the vertical center of the sign to the left edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- Q is the width of the first word on the fifth line.
- R is the space between the words on the fifth line.
- S is the distance from the vertical center of the sign to the left edge of the second word on the fifth line.
- T is the distance from the vertical center of the sign to the right edge of the second word on the fifth line.
- U is the distance from the vertical center of the sign to the left edge of the word on the sixth line.
- V is the distance from the vertical center of the sign to the right edge of the word on the sixth line.

R10-25: Push for Warning Lights – Wait for Gap

- 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 distance from the top of the first line to the top of the second line.
- G is the letter height and FHWA standard font for the second line.
- H is the space between the second, third, and fourth lines and between the fifth and sixth lines.
- J is the letter height and FHWA standard font for the second word on the third line.
- K is the letter height and FHWA standard font for the fourth line.
- L is the space between the fourth line and the dividing line, the width of the dividing line, and the space between the dividing line and the fifth line.
- M is the letter height and FHWA standard font for the fifth line.
- N is the letter height and FHWA standard font for the first word on the second line and for the fifth line.
- P is the height of the first line and the distance from the top of the first line to the bottom of the second line, which overlaps the first line.
- Q is the distance from the vertical center of the sign to the left and right edges of the symbol on the first line.
- R is the width of the first word on the second line.
- S is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- T is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- U is the width of the second word on the second line.
- V is the width of the first word on the third line.
- W is the space between the words on the third line.
- X is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- Y is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- Z is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- AA is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- BB is the width of the first word on the fifth line.
- CC is the space between the words on the fifth line.
- DD is the distance from the vertical center of the sign to the left edge of the second word on the fifth line.
- EE is the distance from the vertical center of the sign to the right edge of the second word on the fifth line.

- FF is the width of the last word on the fifth line.
- GG is the width of the first word on the sixth line.
- HH is the space between the words on the sixth line.
- JJ is the distance from the vertical center of the sign to the left edge of the second word on the sixth line.
- KK is the distance from the vertical center of the sign to the right edge of the second word on the sixth line.
- LL is the corner radius.

R10-26: Bike Push Button for Green Light (arrow)

- 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 symbol on the first line and the distance from the vertical center of the sign to the left and right edges of the arrow symbol on the seventh line.
- G is the space between the first and second lines.
- H is the distance from the top of the symbol on the second line to the top of the third line.
- J is the letter height and FHWA standard font each line of words.
- K is the space between the lines of words.
- L is the distance from the bottom of the sixth line to the bottom of the sign.
- M is the distance from the tip of the arrow on the sixth line to the bottom of the sign.
- N is the height of the symbol on the second line and the distance from the top of the second line to the bottom of the third line, which overlaps the second line.
- P is the distance from the vertical center of the sign to the left and right edges of the symbol on the first line.
- Q is the distance from the vertical center of the sign to the left edge of the word on the third line.
- R is the distance from the vertical center of the sign to the right edge of the word on the third line.
- S is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- T is the width of the first word on the fifth line.
- U is the space between the words on the fifth line and the height of the arrowhead on the seventh line.
- V is the distance from the vertical center of the sign to the left edge of the second word on the fifth line.
- W is the distance from the vertical center of the sign to the right edge of the second word on the fifth line.
- X is the distance from the vertical center of the sign to the left edge of the word on the sixth line.
- Y is the distance from the vertical center of the sign to the right edge of the word on the sixth line.
- Z is the corner radius.

R10-27: Left Turn Yield on Flashing Red Arrow After 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 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 width of the first word on the first line.
- J is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- K is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- L is the width of the second word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the first word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- P is the space between words on the second and fourth lines.
- Q is the width of the second word on the second line.
- R is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- S is the width of the first word on the fourth line.
- T is the distance from the vertical center of the sign to the left edge of the second word on the fourth line.
- U is the distance from the vertical center of the sign to the right edge of the second word on the fourth line.
- V is the width of the first word on the fifth line.
- W is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- X is the distance from the vertical center of the sign to the left edge of the second word on the fifth line.
- Y is the width of the second word on the fifth line.
- Z is the corner radius.

R10-28: XX Vehicles Per Green

- 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 word on 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 and right edges of the word on the first line.
- K is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- L is the distance from the vertical center of the sign to the left edge of the word on the third line.
- M is the distance from the vertical center of the sign to the right edge of the word on the third line.
- N is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- P is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- Q is the corner radius.

R10-29: XX Vehicles Per Green Each Lane

- 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 and the distance from the top of the number on the first line to the top of the sign.
- H is the space between the number on the first line and the top of the second line.
- J is the letter height and FHWA standard font for the number on the first line.
- K is the width of the number on the first line.
- L is the space between the number and the word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the first line.
- N is the distance from the vertical center of the sign to the right edge of the word on the first line.
- P is the width of the first word on the second line.
- Q is the space between the words on the second line.
- R is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- S is the distance from the vertical center of the sign to the right edge of the second word on the second line.
- T is the width of the first word on the third line.
- U is the distance from the vertical center of the sign to the right edge of the first word on the third line.
- V is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- W is the width of the second word on the third line.
- X is the corner radius.

R10-30: Right Turn on Red Must Yield to U-Turn

- 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 letter height and FHWA standard font for the first word on the fifth line.
- J is the width of the first word on the first line.
- K is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- L is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- M is the width of the second word on the first line.
- N is the width of the first word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- Q is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- R is the width of the second word on the second line.
- S is the distance from the vertical center of the sign to the left edge of the word on the third line.
- T is the distance from the vertical center of the sign to the right edge of the word on the third line.
- U is the distance from the vertical center of the sign to the left edge of the first word on the fourth line.
- V is the distance from the vertical center of the sign to the right edge of the first word on the fourth line.
- W is the space between the words on the fourth line.
- X is the width of the second word on the fourth line.
- Y is the width of the first word on the fifth line.
- W is the space between the words on the fifth line.
- Z is the distance from the vertical center of the sign to the left edge of the second word on the fifth line.
- AA is the distance from the vertical center of the sign to the right edge of the second word on the fifth line.
- BB is the corner radius.

R10-31P: At Signal (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, the distance from the bottom of the line to the bottom of the plaque, and the space between the words.
- F is the letter height and FHWA standard font for the line.
- G is the width of the first word.
- H is the distance from the vertical center of the plaque to the left edge of the second word.
- J is the distance from the vertical center of the plaque to the right edge of the second word.
- K is the corner radius.

R10-32P: Push Button for 2 Seconds for Extra Crossing Time (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.
- 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 bottom of the last line to the bottom of the plaque.
- J is the distance from the vertical center of the plaque to the left edge of the word on the first line.
- K is the distance from the vertical center of the plaque to the right edge of the word on the first line.
- L is the distance from the vertical center of the plaque to the left edge of the first word on the second line.
- M is the distance from the vertical center of the plaque to the right edge of the first word on the second line.
- N is the space between words on the second, third, and fourth lines.
- P is the width of the second word on the second line and the width of the first word on the fourth line.
- Q is the width of the number on the third line.
- R is the distance from the vertical center of the plaque to the left edge of the word on the third line.
- S is the distance from the vertical center of the plaque to the right edge of the word on the third line.
- T is the distance from the vertical center of the plaque to the left edge of the second word on the fourth line.
- U is the distance from the vertical center of the plaque to the right edge of the second word on the fourth line.
- V is the distance from the vertical center of the plaque to the left and right edges of the word on the fifth line.
- W is the distance from the vertical center of the plaque to the left edge of the word on the sixth line.
- X is the distance from the vertical center of the plaque to the right edge of the word on the sixth line.
- Y is the corner radius.

R11-1: Keep Off Median

- 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 and second lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the third line.
- J is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- K is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- L is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- M is the corner radius.

R11-2: Road Closed

- 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 and right edges of the word on the first line.
- J is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- K is the corner radius.

R11-3: Road Closed – Local Traffic Only

- 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 the space between the words on the first line.
- F is the letter height and FHWA standard font for the first line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third line.
- K is the distance from the bottom of the last line to the bottom of the sign.
- L is the width of the first word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- N is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- P is the width of the number on the second line.
- Q is the space between the words on the second line.
- R is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- S is the distance from the vertical center of the sign to the right edge of the second word on the second line.
- T is the width of the third word on the second line.
- U is the width of the first word on the third line.
- V is the space between the words on the third line.
- W is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- X is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- Y is the width of the third word on the third line.
- Z is the corner radius.

R11-3b: Bridge Out – Local Traffic Only

- 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 space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the letter height and FHWA standard font for the third line.
- K is the distance from the bottom of the last line to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left edge of the first word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- N is the space between the words on the first line.
- P is the width of the second word on the first line.
- Q is the distance from the vertical center to the left and right edges of the second line.
- R is the width of the number on the second line.
- S is the space between the words on the second line.
- T is the distance from the vertical center of the sign to the left edge of the first word on the second line.
- U is the width of the second word on the second line.
- V is the width of the first word on the third line.
- W is the space between the words on the third line.
- X is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- Y is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- Z is the width of the third word on the third line.
- AA is the corner radius.

R11-4: Road Closed to Thru Traffic

- 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 and third lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the width of the first word on the first line.
- K is the space between the words on the first and third lines.
- L is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second line.
- Q is the width of the first word on the third line.
- R is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- S is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- T is the corner radius.q

R12-1: Weight 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 and second lines.
- G is the space between the first and second lines.
- H is the space between the second, third, and fourth lines.
- J is the letter height and FHWA standard font for the third line.
- K is the letter height and FHWA standard font for the fourth line.
- L is the distance from the vertical center of the sign to the left edge of the word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the word on the first line.
- N is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- P is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- Q is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- R is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- S is the corner radius.

R12-4: Weight 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 on the first line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for second and third lines.
- J is the distance from the vertical center of the sign to the left edge of the first word on the first line.
- K is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- L is the space between the words on each line.
- M is the width of the second word on the first line
- N is the distance from the vertical center of the sign to the left and right edges of the second line.
- P is the width of the number on the second line.
- Q is the width of the first word on the second and third lines.
- R is the width of the second word on the second line.
- S is the width of the third word on the second line.
- T is the distance from the vertical center of the sign to the left and right edges of the third line.
- U is the width of the number on the third line.
- V is the width of second word on the third line.
- W is the corner radius.

R12-5: Weight 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 and second lines.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the third, fourth, and fifth lines.
- J is the height of the symbols on the third, fourth, and fifth lines.
- K is the distance from the vertical center of the sign to the left edge of the word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the word on the second line.
- P is the width of the symbol on the third line.
- Q is the distance from the vertical center of the sign to the right edge of the symbol on the third line.
- R is the distance from the vertical center of the sign to the left edge of the word on the third line, the space between the symbols and the words on the fourth and fifth lines, and the width of the words on the third, fourth, and fifth lines.
- S is the distance from the left edges of the symbols on the third, fourth, and fifth lines to the left edge of the sign and from the right edges of the words on the third, fourth, and fifth lines to the right edge of the sign.
- T is the distance from the vertical center of the sign to the left edges of the symbols on the fourth and fifth lines.
- U is the distance from the vertical center of the sign to the right edge of the symbol on the fourth line.
- V is the distance from the vertical center of the sign to the right edge of the symbol on the fifth line.
- W is the corner radius.

R13-1: Weigh Station

- 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, second, third, and fourth lines.
- G is the space between the first, second, third, and fourth lines.
- H is the space between the fourth and fifth lines.
- J is the letter height and FHWA standard font for the fifth line.
- K is the distance from the bottom of the last line to the bottom of the sign.
- L is the distance from the vertical center of the sign to the left edge of the first word on the first line.
- M is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- N is the distance from the vertical center of the sign to the left and right edges of the second line.
- P is the width of the first word on the second line.
- Q is the space between the number and each word on the second line and between the words on the fourth line.
- R is the width of the number on the second line.
- S is the width of the last word on the third line.
- T is the width of the first word on the third line.
- U is the distance from the vertical center of the sign to the right edge of the first word on the third line.
- V is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- W is the width of the second word on the third line.
- X is the width of the first word on the fourth line.
- Y is the distance from the vertical center of the sign to the left edge of the second word on the fourth line.
- Z is the distance from the vertical center of the sign to the right edge of the second word on the fourth line.
- AA is the width of the first word on the fifth line.
- BB is the distance from the vertical center of the sign to the right edge of the first word on the fifth line.
- CC is the distance from the vertical center of the sign to the left edge of the second word on the fifth line.
- DD is the width of the second word on the fifth line.
- EE is the corner radius.

R14-1: Truck Route

- 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 corner radius.

R14-2: Hazardous Material Route

- 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 line to the top of the sign and from the bottom of the line to the bottom of the sign.
- E is the letter height and FHWA standard font for the line.
- F is the radius of the inner edge of the circle.
- G is the radius of the outer edge of the circle.
- H is the distance from the bottom of the circle to the bottom of the sign.
- J is the distance from the vertical center of the sign to the left edge of the word.
- K is the distance from the vertical center of the sign to the right edge of the word.
- L is the corner radius.

R14-3: Hazardous Material Prohibition

- 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 line to the top of the sign and from the bottom of the line to the bottom of the sign.
- E is the letter height and FHWA standard font for the line.
- F is the inner radius of the circle, with the center of the circle at the center of the sign.
- G is the outer radius of the circle, with the center of the circle at the center of the sign.
- H is the width of the diagonal line and the distance from the bottom of the circle to the bottom of the sign.
- J is the distance from the vertical center of the sign to the left edge of the line.
- K is the distance from the vertical center of the sign to the right edge of the line
- L is the corner radius.

R14-4: National Network Route

- 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 symbol to the top of the sign and from the bottom of the symbol to the bottom of the sign.
- E is the height of the symbol.
- F is the distance from the vertical center of the sign to the left and right edges of the symbol.
- G is the outer radius of the circle.
- H is the inner radius of the circle.
- J is the linewidth of the circle and the corner radius.

R14-5: National Network Prohibition

- 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 symbol to the top of the sign and from the bottom of the symbol to the bottom of the sign.
- E is the height of the symbol.
- F is the distance from the vertical center of the sign to the left and right edges of the symbol.
- G is the outer radius of the circle.
- H is the inner radius of the circle.
- J is width of the diagonal line and the corner radius.

R15-1: Grade Crossing (Crossbuck)

- A is the length of each rectangle.
- B is the width of each rectangle.
- C is the distance from the top of each word to the long edge of its rectangle.
- D is the letter height and FHWA standard font for the words.
- E is the distance from the left and right edges of the line of words on each rectangle to the nearest end of the rectangle.
- F is the width of the words “RAIL” and “ROAD”.
- G is the width of the word “CROSSING”.

R15-2P: Number of Tracks (plaque)

- A is the length of the bottom edge of the plaque, which is also the overall horizontal dimension of the plaque.
- B is the length of each remaining edge of the plaque.
- C is the distance from the top of the number to the top of the plaque and from the bottom of the number to the top of the horizontal arm of the T shape.
- D is the letter height and FHWA standard font for the number on the first line.
- E is the distance from the top of the second line to the top of the horizontal arm of the T shape and from the bottom of the second line to the bottom of the plaque.
- F is the letter height and FHWA standard font for second line.
- G is the distance from the vertical center of the plaque to the left and right edges of the number on the first line.
- H is the distance from the vertical center of the plaque to the left edge of the second line.
- J is the distance from the vertical center of the plaque to the right edge of the second line.

R15-3P: Exempt (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 word to the top of the plaque and from the bottom of the word to the bottom of the plaque.
- F is the letter height and FHWA standard font for the word.
- G is the distance from the vertical center of the plaque to the left edge of the word.
- H is the distance from the vertical center of the plaque to the right edge of the word.
- J is the corner radius.

R15-4a: Light Rail Only Right Lane

- 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, second and fourth lines.
- G is the space between the first and second line.
- H is the distance from the bottom of the second line to the bottom of the panel.
- J is the distance from the bottom of the panel to the top of the symbol and the space between the third and fourth lines.
- K is the height of the symbol.
- L is the distance from the bottom of the last line to the bottom of the sign.
- M is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second 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.

R15-4b: Light Rail Only Left Lane

- 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, second and fourth lines.
- G is the space between the first and second line.
- H is the distance from the bottom of the second line to the bottom of the panel.
- J is the distance from the bottom of the panel to the top of the symbol and the space between the third and fourth lines.
- K is the height of the symbol.
- L is the distance from the bottom of the last line to the bottom of the sign.
- M is the distance from the vertical center of the sign to the left and right edges of the word on the first line.
- N is the distance from the vertical center of the sign to the left edge of the word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the word on the second 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.

R15-4c: Light Rail Only Center Lane

- 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, second and fourth lines.
- G is the space between the first and second line.
- H is the distance from the bottom of the second line to the bottom of the panel.
- J is the distance from the bottom of the panel to the top of the symbol and the space between the third and fourth lines.
- K is the height of the symbol.
- L is the distance from the bottom of the last line to the bottom of the sign.
- M is the distance from the vertical center of the sign to the left edge of the word on the first line.
- N is the distance from the vertical center of the sign to the right edge of the word on the first line.
- P is the distance from the vertical center of the sign to the left edge of the word on the second line.
- Q is the distance from the vertical center of the sign to the right edge of the word on the second line.
- R is the distance from the vertical center of the sign to the left and right edges of the word on the fourth line.
- S is the corner radius.

R15-5: Light Rail Do Not Pass

- 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 light rail symbol to the top of the sign.
- F is the distance from the top of the light rail symbol to the top of the pedestrian symbol.
- G is the height of the pedestrian symbol.
- H is the distance from the bottom of the pedestrian symbol to the bottom of the light rail symbol.
- J is the space between the light rail symbol and the first line.
- K is the letter height and FHWA standard font for the lines.
- L is the space between the lines.
- M is the distance from the vertical center of the sign to the left edge of the light rail symbol.
- N is the distance from the vertical center of the sign to the right edge of the pedestrian symbol.
- P is the height of the light rail symbol.
- Q is the width of the first word on the first line.
- R is the space between the words on the first line.
- S is the width of the second word on the first line. The left edge of the word is aligned with the vertical center of the sign.
- T is the distance from the vertical center of the sign to the left edge of the word on the second line.
- U is the distance from the vertical center of the sign to the right edge of the word on the second line.
- V is the corner radius.

R15-5a: Do Not Pass Stopped Train

- 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 width of the first word on the first line.
- J is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- K is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- L is the width of the second word on the first line.
- M is the distance from the vertical center of the sign to the left and 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.

R15-6: No Motor Vehicles On Tracks

- 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 circle to the top of the sign and from the bottom of the circle to the bottom of the sign.
- E is the distance from the top of the circle to the top of the symbol and from the bottom of the circle to the bottom of the symbol.
- F is the distance from the horizontal center of the sign to the top and bottom of the symbol.
- G is the width of the diagonal line and the linewidth of the open circle.
- H is the distance from the vertical center of the sign to the left edge of the symbol.
- J is the distance from the vertical center of the sign to the right edge of the symbol.
- K is the corner radius.

R15-6a: Do Not Drive On Tracks

- 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 width of the first word.
- J is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- K is the distance from the vertical center of the sign to the right edge of the second word on the first line. The word is left-aligned with the vertical center of the sign.
- 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.

R15-8: Look

- 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 double arrow symbol.
- G is the space between lines.
- H is the letter height and FHWA standard font for the second line.
- J is the distance from the bottom of the last line to the bottom of the sign.
- K is the distance from the vertical center of the sign to the left and right tips of the arrowheads on the first line.
- L is the width of the arrow shaft on the first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the word on the second line.
- P is the corner radius.

R16-4: Minor Crashes Move Vehicles from Travel Lanes

- 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 and the width of the dividing line.
- 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 distance from the bottom of the dividing line to the top of the second line.
- J is the space between the second and third lines.
- K is the letter height and FHWA standard font for the third line.
- L is the space between the 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 fourth line to the bottom of the sign.
- P is the distance from the vertical center of the sign to the left edge of the first word on the first line.
- Q is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- R is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- S is the width of the second word on the first line.
- T is the width of the first word on the second line.
- U is the space between the first and second words on the second line.
- V is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- W is the distance from the vertical center of the sign to the right edge of the second word on the second line.
- X is the width of the first word on the third line.
- Y is the space between the first and second words on the third line.
- Z is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- AA is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- BB is the width of the first word on the fourth line.
- CC is the space between the words on the fourth line.
- DD is the distance from the vertical center of the sign to the left edge of the second word on the fourth line.
- EE is the distance from the vertical center of the sign to the right edge of the second word on the fourth line.
- FF is the width of the third word on the fourth line.
- GG is the corner radius.

R16-5: Lights On When Using Wipers

- 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 width of the first word on the second line
- M is the space between the words on the second line.
- N is the distance from the vertical center of the sign to the left edge of the second word on the second line.
- P is the distance from the vertical center of the sign to the right edge of the second word on the second line.
- Q is the distance from the vertical center of the sign to the left and right edges of the word on the third line.
- R is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- S is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- T is the corner radius.

R16-6: Lights On When Raining

- 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 edge of the word on the third line.
- N is the distance from the vertical center of the sign to the right edge of the word on the third line.
- P is the distance from the vertical center of the sign to the left edge of the word on the fourth line.
- Q is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- R is the corner radius.

R16-7: Turn On Headlights Next XX Miles

- 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 line.
- G is the space between the lines.
- H is the letter height and FHWA standard font for the second line.
- J is the width of the first word on the first line.
- K is the space between the words on the first line.
- L is the width of the second word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the third word on the first line.
- N is the distance from the vertical center of the sign to the right edge of the third word on the first line.
- P is the distance from the vertical center of the sign to the left and right edges of the second line.
- Q is the width of the first word on the second line.
- R is the space between the words on the second line.
- S is the width of the second word on the second line.
- T is the width of the third word on the second line.
- U is the corner radius.

R16-8: Turn On Headlights

- 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 first word on the first line.
- J is the distance from the vertical center of the sign to the right edge of the first word on the first line.
- K is the space between the words on the first line.
- L is the width of the second word on the first line.
- M is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- N is the corner radius.

R16-9: Check Headlights

- 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 and right edges of the word on the first line.
- J is the distance from the vertical center of the sign to the left and right edges of the word on the second line.
- K is the corner radius.

R16-10: Begin Daytime Headlight Section

- 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 width of the first word on the first line.
- J is the space between the words.
- K is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the first word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- P is the width of second word on the second line.
- Q is the corner radius.

R16-11: End Daytime Headlight Section

- 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 width of the first word on the first line.
- J is the space between the words.
- K is the distance from the vertical center of the sign to the left edge of the second word on the first line.
- L is the distance from the vertical center of the sign to the right edge of the second word on the first line.
- M is the distance from the vertical center of the sign to the left edge of the first word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the first word on the second line.
- P is the width of second word on the second line.
- Q is the corner radius.