

**APPENDIX B4 – GUIDE SIGNS
DIMENSION DESCRIPTIONS**

D1-1: Destination (1 line)

- 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 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 distance from the left edge of the sign to the left edge of the line and from the right edge of the sign to the right edge of the line.
- G is the height of the arrowhead.
- H is the length of the arrow.
- J is the space between the arrow and the word.
- K is the width of the word.
- L is the corner radius.

D1-1a: Destination and Distance (1 line)

- 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 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 distance from the arrow tip to the left edge of the sign and the right edge of the line to the right edge of the sign.
- G is the length of the arrow.
- H is the space between the arrow and the word.
- J is the width of the word.
- K is the space between the word and the number.
- L is the width of the number.
- M is the height of the arrowhead.
- N is the corner radius.

D1-1b: Bicycle Destination (1 line)

- 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 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 distance from the left edge of the sign to the left edge of the line and from the right edge of the line to the right edge of the sign.
- G is the length of the arrow.
- H is the space between the arrow and the bicycle symbol and the bicycle symbol and the word.
- J is the width of the bicycle symbol.
- K is the width of the word.
- L is the height of the arrowhead.
- M is the height of the bicycle symbol.
- N is the corner radius.

D1-1c: Bicycle Destination and Distance (1 line)

- 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 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 distance from the left edge of the sign to the left edge of the line and from the right edge of the sign to the right edge of the line.
- G is the length of the arrow.
- H is the space between the arrow and the bicycle symbol and the bicycle symbol and the word.
- J is the width of the bicycle symbol.
- K is the width of the word.
- L is the space between the word and the number.
- M is the width of the number.
- N is the height of the arrowhead.
- P is the height of the bicycle symbol.
- Q is the corner radius.

D1-1d: Circular Intersection Destination (1 line)

- 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 arrow to the top of the sign and from the bottom of the arrow to the bottom of the sign.
- E is the height of the arrow.
- F 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.
- G is the letter height and FHWA standard font for the line.
- H is the distance from the left edge of the sign to the left edge of the line and from the right edge of the sign to the right edge of the line.
- J is the width of the first word.
- K is the space between the first and second words.
- L is the width 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 angle of the arrow
- Q is the corner radius.

D1-1e: Circular Intersection Departure Guide

- 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 arrow tip to the top of the sign.
- E is the height of the arrow.
- F is the distance from the bottom of the arrow to the bottom of the sign.
- 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 second line.
- J is the space between the circle and the second line.
- K is the height of the circle.
- L is the distance from the left edge of the sign to the left edge of the circle and the second line and from the right edge of the sign to the arrow.
- M is the width of the circle.
- N is the distance from the center point of the circle and the first line to the right edge of the circle and the left edge of the word on the first line.
- P is the width of the word on the first line.
- Q is the letter height and FHWA standard font for the first letter of the word on the first line.
- R is the letter height and FHWA standard font for the last three letters of the word on the first line.
- S is the distance from the vertical center of the sign to the left and right edges of the second line.
- T is the space between the second line and the arrow.
- U is the length of the arrow.
- V is the width of the arrowhead.
- W is the corner radius.

D1-2: Destination (2 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width and the width of the dividing line.
- 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 distance from the bottom of the first line to the top of the dividing line.
- G is the distance from the top of the last line to the bottom of the dividing line.
- H is the distance from the left edge of the sign to the left edge of the first line and from the right edge of the sign to the right edge of the first line.
- J is the length of each arrow.
- K is the space between the arrow and the word on the first line.
- L is the width of the word on the first line.
- M is the height of each arrowhead.
- N is the distance from the left edge of the sign to the left edge of the second line and from the right edge of the sign to the right edge of the second line.
- P is the width of the word on the second line.
- Q is the space between the word and the arrow on the second line.
- R is the corner radius.

D1-2a: Destination and Distance (2 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width and the width of the dividing line.
- 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 distance from the bottom of the first line to the top of the dividing line.
- G is the distance from the top of the last line to the bottom of the dividing line.
- H is the height of each arrowhead.
- J is the distance from the left edge of the sign to the left edge of each line and from the right edge of the sign to the right edge of each line
- K is the length of each arrow.
- L is the space between the arrow and the word on the first line.
- M is the width of the word on the first line.
- N is the space between the word and the number on the first line.
- P is the width of the number on the first line.
- Q is the width of the word on the second line.
- R is the space between the word and the number on the second line.
- S is the width of the number on the second line
- T is the space between the number and the arrow on the second line.
- U is the corner radius.

D1-2b: Bicycle Destination (2 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width and the width of the dividing line.
- D is the distance from the top of the word on the first line to the top of the sign and from the bottom of the arrow on the second 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 bottom of the first line to the top of the dividing line.
- G is the distance from the top of the last line to the bottom of the dividing line.
- H is the height of each arrowhead.
- J is the distance from the bottom of the bicycle symbol on the second line to the bottom of the sign and from the top of the bicycle symbol on the first line to the top of the sign.
- K is the distance from the left edge of the sign to the left edge of the first line and from the right edge of the sign to the right edge of the first line.
- L is the length of each arrow.
- M is the space between the arrow and the bicycle symbol on the first line.
- N is the width of each bicycle symbol.
- P is the space between the bicycle symbol and the word on the first line.
- Q is the width of the word on the first line.
- R is the distance from the left edge of the sign to the left edge of the second line and from the right edge of the sign to the right edge of the second line.
- S is the space between the arrow and the word on the second line.
- T is the width of the word on the second line.
- U is the space between the word and the arrow on the second line.
- V is the height of each bicycle symbol.
- W is the corner radius.

D1-2c: Bicycle Destination and Distance (2 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width and the width of the dividing line.
- D is the distance from the top of the word on the first line to the top of the sign and from the bottom of the arrow on the second 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 bottom of the first line to the top of the dividing line.
- G is the distance from the top of the last line to the bottom of the dividing line.
- H is the height of each arrowhead.
- J is the distance from the bottom of the bicycle symbol on the second line to the bottom of the sign and from the top of the bicycle symbol on the first line to the top of the sign.
- K is the height of each bicycle symbol.
- L is the distance from the left edge of the sign to the left edge of each line and from the right edge of the sign to the right edge of each line.
- M is the length of each arrow.
- N is the space between the arrow and the bicycle symbol on the first line.
- P is the width of each bicycle symbol.
- Q is the space between the bicycle symbol and the word on the first line.
- R is the width of the word on the first line.
- S is the space between the word and the number on the first line.
- T is the width of each number on the first and second lines.
- U is the width of the word on the second line.
- V is the space between the word and the number on the second line.
- W is the space between the number and the arrow on the second line.
- X is the corner radius.

D1-2d: Circular Intersection Destination (2 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width and the width of the dividing line.
- D is the distance from the top of the word on 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 distance from the bottom of the word on the first line to the top of the dividing line and from the top of the last line to the bottom of the dividing line.
- G is the height of each arrowhead.
- H is the distance from the bottom of the arrow on the first line to the top of the dividing line.
- J is the height of the arrow on the first line.
- K is the distance from the top of the arrow on the first line to the top of the sign.
- L is the distance from the left edge of the sign to the left edge of the first line and from the right edge of the sign to the right edge of the first line.
- M is the width of the arrow on the first line.
- N is the space between the arrow and the word on the first line.
- P is the width of the word on the first line.
- Q is the distance from the left edge of the sign to the left edge of the second line and from the right edge of the sign to the right edge of the second line.
- R is the width of the first word on the second line.
- S is the space between the words on the second line.
- T is the width of the second word on the second line.
- U is the space between the second word and the arrow on the second line.
- V is the length of the arrow on the second line.
- W is the corner radius.

D1-3: Destination (3 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and the width of the dividing lines.
- 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 each line and the dividing lines.
- G is the distance from the top of the first dividing line to the top of the sign and from the bottom of the second dividing line to the bottom of the sign.
- H is the space between the dividing lines.
- J is the length of each arrow on the first and third lines.
- K is the distance from the center of the arrow to the left and right edges of the arrowhead on the first line.
- L is the space between the arrow on the second line and the words on the first and second lines.
- M is the width of the word on the first line.
- N is the distance from the left edge of the sign to the left edge of the second line and from the right edge of the sign to the right edge of the second line.
- P is the distance from the center of the arrow on the second line to its tip and base.
- Q is the height of each arrowhead on the second and third lines.
- R is the width of the word on the second line.
- S is the distance from the left edge of the sign to the left edge of the third line and from the right edge of the sign to the right edge of the third line
- T is the width of the word on the third line.
- U is the space between the word and the arrow on the third line.
- V is the corner radius.

D1-3a: Destination and Distance (3 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and the width of the dividing lines.
- 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 each line and the dividing lines.
- G is the height of each arrowhead on the second and third lines.
- H is the length of each arrow on the first and third lines.
- J is the space between the arrow on the second line and the words on the first and second lines and between the number and arrow on the third line.
- K is the width of the word on the first line.
- L is the space between the word on the second line and the number on the first line.
- M is the width of the number on the first line.
- N is the distance from the left edge of the sign to the left edge of the second line and from the right edge of the sign to the right edge of the first and second lines.
- P is the distance from the center of the arrow on the second line to its tip and base.
- Q is the width of the word on the second line.
- R is the space between the word and the number on the second line.
- S is the width of the number on the second line.
- T is the distance from the left edge of the sign to the left edge of the third line and from the right edge of the sign to the right edge of the third line.
- U is the width of the word on the third line.
- V is the space between the word and the number on the third line.
- W is the width of the number on the third line.
- X is the corner radius.

D1-3b: Bicycle Destination (3 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and the width of the dividing lines.
- D 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 arrow on 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 arrow on the second line and the dividing lines.
- G is the width of each arrowhead.
- H is the distance from the top of the arrow on the first line to the top of the sign and from the bottom of the bicycle symbol on the last line to the bottom of the sign.
- J is the height of each bicycle symbol.
- K is the distance from the bottom of the arrow on the first line to the top of the first dividing line and from the bottom of the second dividing line to the top of the bicycle symbol on the third line.
- L is the length of each arrow on the first and third lines.
- M is the space between the arrow on the second line and the bicycle symbols on the first and second lines.
- N is the width of each bicycle symbol.
- P is the space between the bicycle symbols and the words on each line.
- Q is the width of the words on the first line.
- R is the distance from the right edge of the sign to the right edge of the first line.
- S is the distance from the left edge of the sign to the left edge of the second line.
- T is the distance from the center of the arrow on the second line to its tip and base.
- U is the width of the word on the second line.
- V is the distance from the left edge of the sign to the left edge of the third line.
- W is the width of the word on the third line.
- X is the space between the word and the arrow on the third line.
- Y is the corner radius.

D1-3c: Bicycle Destination and Distance (3 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and the width of the dividing lines.
- D 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 arrow on 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 arrow on the second line and the dividing lines.
- G is the width of each arrowhead.
- H is the distance from the tip of the arrow on the first line to the top of the sign and from the bottom of the bicycle symbol on the third line to the bottom of the sign.
- J is the height of each bicycle symbol.
- K is the distance from the bottom of the arrow on the first line to the top of the first dividing line and from the bottom of the second dividing line to the top of the bicycle symbol on the third line.
- L is the height of the arrow on the first and third lines.
- M is the space between the arrow on the second line and the bicycle symbols on the first and second lines.
- N is the width of each bicycle symbol.
- P is the space between the bicycle symbols and the words on each line.
- Q is the width of the word on the first line.
- R is the space between the word on the first line and the number on the second line.
- S is the width of the number on the first line.
- T is the distance from the left edge of the sign to the left edge of the second line and from the right edge of the sign to the right edge of the second line.
- U is the distance from the center of the arrow on the second line to its tip and base.
- V is the width of the word on the second line.
- W is the width of the number on the second line.
- X is the distance from the left edge of the sign to the left edge of the third line and from the right edge of the sign to the right edge of the third line.
- Y is the width of the word on the third line.
- Z is the space between the word and the number on the third line.
- AA is the width of the number on the third line.
- BB is the space between the number and the arrow on the third line.
- CC is the corner radius.

D1-3d: Circular Intersection Destination (3 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and the width of the dividing lines.
- D 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 from the top of the third line to the top of the second dividing line.
- E is the letter height and FHWA standard font for each line.
- F is the space between each line and the dividing lines.
- G is the height of the arrowhead on the third line.
- H is the distance from the top of the arrow on the second line to the bottom of the first dividing line and from the base of the arrow on the second line to the top of the second dividing line.
- J is the height of the arrow on the second line.
- K is the distance from the base of the arrow on the first line to the bottom of the first dividing line.
- L is the height of the arrows on the first and second lines.
- M is the distance from the left edge of the sign to the left edge of the first line and from the right edge of the sign to the right edge of the first line.
- N is the space between the arrow on the second line and the words on the first and second lines.
- P is the width of the word on the first line.
- Q is the width of the arrow on the second line.
- R is the width of the word on the second line.
- S is the distance from the left edge of the sign to the left edge of the third line.
- T is the width of the word on the third line.
- U is the space between the word and the arrow on the third line.
- V is the distance from the right edge of the sign to the right edge of the third line.
- W is the corner radius.

D1-5: Circular Intersection Diagrammatic Destination

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width.
- D is the letter height and FHWA standard font for the last three letters of the word on the first line on right side of the sign.
- E is the letter height and FHWA standard font for the first letter of the word on the first line on the left side of the sign, the word in the center of the sign, and the words on the second line on the right and left sides of the sign.
- F is the space between line in the middle of the sign and the intersection symbol and between the lines and the U.S. Route marker.
- G is the distance from the horizontal center of the U.S. Route markers to the top of the intersection symbol.
- H is the distance from the horizontal center of the U.S. Route markers to the bottom of the intersection symbol.
- J is the letter height and FHWA standard font for the last three letters of the words on the first line on the left and right sides of the sign.
- K is the distance from the horizontal center of the U.S. Route markers to the top and bottom of each U.S. Route marker.
- L is the distance from the vertical center of the sign to the left and right edges of the line in the middle of the sign.
- M is the distance from the vertical center of the sign to the left and right edges of the intersection symbol.
- N is the distance from the vertical center of the left side of the sign to the left and right edges of the first line.
- P is the distance from the vertical center of the right side of the sign to the left and right edges of the first line.
- Q is the distance from the vertical center of the left and right sides of the sign to the left and right edges of each U.S. Route marker.
- R is the space between the intersection symbol and each U.S. Route marker.
- S is the distance from the left edge of the sign to the left edge of the second line on the left side of the sign and from the right edge of the sign to the right edge of the second line on the right side of the sign.
- T is the distance from the vertical center of the left side of the sign to the left and right edges of the second line.
- U is the distance from the vertical center of the right side of the sign to the left and right edges of the second line.
- V is the corner radius.

D1-5a: Circular Intersection Diagrammatic Destination, Right-Turn Bypass

- 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 word in the middle to the top of the sign and from the bottom of the intersection symbol to the bottom of the sign.
- E is the letter height and FHWA standard font for the first line on the left and right sides of the sign, the line in the center of the sign, and the first letters of the second lines on the left and right sides of the sign.
- F is the space between the line in the middle of the sign and the intersection symbol.
- G is the distance from the horizontal center of the sign to the top of the intersection symbol.
- H is the distance from the horizontal center of the sign to the top of the first line on the right side of the sign.
- J is the letter height and FHWA standard font for the last three letters of the second line on the left side of the sign and the space between the lines on the right and left sides of the sign.
- K is the letter height and FHWA standard font for the last three letters of the second line on the right side of the sign.
- L is the distance from the horizontal center of the sign to the bottom of the intersection symbol.
- M is the distance from the bottom of the second line on the right side of the sign to the bottom of the intersection symbol.
- N is the distance from the vertical center of the sign to the left and right edges of the line in the middle of the sign.
- P is the distance from the vertical center of the sign to the left edge of the intersection symbol.
- Q is the distance from the vertical center of the sign to the right edge of the intersection symbol.
- R is the distance from the left edge of the sign to the left edge of the first line on the left side of the sign and from the right edge of the sign to the right edge of the first line on the right side of the sign.
- S is the distance from the vertical center of the left side of the sign to the left and right edges of the first line.
- T is the space between the intersection symbol and the first line on the right side of the sign.
- U is the distance from the vertical center of the left side of the sign to the left and right edges of the second line.
- V is the distance from the vertical center of the right side of the sign to the left and right edges of the first line.
- W is the distance from the vertical center of the right side of the sign to the left and right edges of the second line.
- X is the corner radius.

D2-1: Distance (1 line)

- 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 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 distance from the left edge of the sign to the left edge of the line and from the right edge of the sign to the right edge of the line.
- G is the width of the word.
- H is the space between the word and the number.
- J is the width of the number.
- K is the corner radius.

D2-1a: Bike Route Destination and Distance (1 Line)

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

D2-2: Distance (2 lines)

- 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 left edge of the sign to the left edge of each line and from the right edge of the sign to the right edge of each line.
- H is the width of the word on the first line.
- J is the space between the right edge of the word on the first line and the left edge of the number on the second line.
- K is the width of the number on the first line.
- L is the width of the word on the second line.
- M is the width of the number on the second line.
- N is the corner radius.

D2-2a: Bike Route Destination and Distance (2 Lines)

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

D2-3: Distance (3 lines)

- 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 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 left edge of the sign to the left edge of each line and from the right edge of the sign to the right edge of each line.
- H is the width of the word on the first line.
- J is the space between the word on the first line and the number on the third line.
- K is the width of the number on the first line.
- L is the width of the word on the second line.
- M is the width of the number on the second line.
- N is the width of the word on the third line.
- P is the width of the number on the third line.
- Q is the corner radius.

D2-3a: Bike Route Destination and Distance (3 Lines)

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

D3-1: Street Name – Sheet 1

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

D3-1: Street Name – 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 plaque to the border.
- D is the border width.
- E is the distance from the top of the second word to the top of the sign and from the bottom of the line to the bottom of the sign.
- F is the letter height and FHWA standard font for the second word.
- G is the letter height and FHWA standard font for the first and third words.
- H is the distance from the top of the first and third words to the top of the sign.
- J is the distance from the left edge of the sign to the left edge of the line and from the right edge of the sign to the right edge of the line.
- K is the width of the line.
- L is the space between the words.
- M is the corner radius.
- N is the distance from the top of the first word to the top of the sign on the alternative sign.
- P is the distance from the bottom of the line to the bottom of the sign on the alternative sign.
- Q is the distance from the top of the second word to the top of the sign on the alternative sign.

D3-1: Street Name – Sheet 3

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

D3-1a: Street Name with Route Sign

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

D3-2: Advance Street Name - Sheet 1

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and the width of the dividing lines.
- 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 left edge of the sign to the left edge of the line and from the right edge of the sign to the right edge of the line.
- J is the distance from the vertical center of the sign to the left and right edges of 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 and right edges of the second line.
- M is the space between the words on the second line.
- N is the corner radius.

D3-2: Advance Street Name - Sheet 2

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width and the width of the dividing line.
- D is the distance from the top of the first line to the top of the sign.
- E is the letter height and FHWA standard font for the first and second lines.
- F is the distance from the bottom of the first line to the top of the dividing line.
- G is the height of each arrowhead.
- H is the space between the second and third 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 space between the second and third lines.
- M is the distance from the left edge of the sign to the left edge of the first line and from the right edge of the sign to the right edge of the first line.
- N is the length of each arrow.
- P is the space between the arrow and the first word on the first line.
- Q is the width of the words on the first line.
- R is the space between the words and the arrow on the first and second lines.
- S is the distance from the left edge of the sign to the left edge of the dividing line and from the right edge of the sign to the right edge of the dividing line.
- T is the distance from the left edge of the sign to the left edge of the second line and from the right edge of the sign to the right edge of the second line.
- U is the width of the words on the second line.
- V is the distance from the vertical center of the sign to the left and right edges of the third line.
- W is the space between the words on the third line.
- X is the corner radius.

D4-1: Parking Area 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 “P” 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 “P”.
- G is the distance from the top of the arrow to the top of the sign, both for when the arrow is pointing up and to the right and up and to the left at 45-degree angles.
- H is the distance from the arrow to the right edge of the sign.
- J is the width of the arrowhead.
- K is the length of the arrow.
- L is the letter height and FHWA standard font for the line besides “P”.
- M is the distance from the left edge of the line to the left edge of the sign.
- N is the width of the “P”.
- P is the width of the rest of the line besides “P”.
- Q is the distance from the right edge of the line to the right edge of the sign.
- R is the distance from the right edge of the arrow to the right edge of the sign when the arrow is pointing up and to the left at a 45-degree angle.
- S is the distance from the top of the arrow to the top of the sign when the arrow is pointing left or right.
- T is the distance from the right edge of the arrow to the right edge of the sign when the arrow is pointing to the right.
- U is the distance from the right edge of the arrow to the right edge of the sign when the arrow is pointing to the left.
- V is the distance from the top of the arrow to the top of the sign when the arrow is pointing up.
- W is the distance from the right edge of the arrow to the right edge of the sign when the arrow is pointing up.
- X is the corner radius.

D4-2: Park - Ride

- 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.
- E is the height of the symbol.
- F is the space between the first, second, and third lines.
- G is the letter height and FHWA standard font for the second and third lines.
- H is the distance from the bottom of the third line to the tip of the arrowhead.
- J is the distance from the tip of the arrowhead 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 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 space between the word and the hyphen on the second line.
- N is the width of the hyphen.
- 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 arrow.
- S is the height of the arrowhead.
- T is the corner radius.

D4-3: Bicycle Parking Area Directional

D4-3R

- 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 and the border width.
- D is the distance from the top of the arrow to the top of the sign.
- E is the distance from the top of the bicycle symbol 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 second line.
- G is the space between the lines.
- H is the height of the bicycle symbol.
- J is the distance from the vertical center of the sign to the left edge of the bicycle symbol.
- K is the distance from the vertical center of the sign to the right edge of the bicycle symbol.
- 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 width of the arrow shaft.
- P is the width of the arrowhead.
- Q is the length of the arrow along its centerline.
- R is the corner radius.

D4-3L

- D is the distance from the top of the arrow to the top of the sign.
- S is the space between the word and the tip of the arrowhead.

D4-4: Bicycle Sharing Station Directional

- 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 bicycle symbol to the top of the sign, from the bottom of the last line to the bottom of the sign, and the space between the second and third lines.
- E is the height of the bicycle symbol.
- F is the space between the first and second lines and the third and fourth 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 height of the arrowhead.
- 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 left edge of the second word on the second line.
- N is the distance from the vertical center of the sign to the right edge of the second word on the second line.
- P is the distance from the vertical center of the sign to the left edge of the word on the third line.
- Q is the distance from the vertical center of the sign to the right edge of the word on the third line.
- R is the distance from the vertical center of the sign to the left and right edges of the arrow.
- S is the corner radius.

D4-4a: Bicycle Lockers Directional

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

D5-1: Rest Area Advance

- 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.
- 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 word on the second line.
- H is the distance from the bottom of the word on the second line to the bottom of the sign.
- J is the distance from the bottom of the number on the second line to the bottom of the sign.
- K is the height and FHWA standard font for the number on the second line.
- 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 right edge of the first word 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 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 second line.
- R is the width of the number on the second line.
- S is the space between the number and the word on the second line.
- T is the width of the word on the second line.
- U is the corner radius.

D5-1a: Rest Area Advance Direction

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

D5-2: Rest Area Entrance Direction

- 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.
- E is the letter height and FHWA standard font for the first line.
- F is the space between the first line and the tip of the arrowhead.
- G is the distance from the bottom of the arrow to the top of the sign.
- H is the width of the first on the 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 length of the arrow.
- N is the width of the arrowhead.
- P is the corner radius.

D5-2a: Rest Area Gore

- 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.
- E is the letter height and FHWA standard font for each line.
- F is the space between the first and second lines.
- G is the space between the second line and the arrow.
- H is the distance from the top of the arrow to the bottom of the sign
- 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 first line.
- L is the length of the arrow.
- M is the width of the arrowhead.
- N is the corner radius.

D5-5: Rest Area Directional

- 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.
- E is the letter height and FHWA standard font for each line.
- F is the space between the first and second lines.
- G is the space between the second line and the arrow.
- H is the width of the arrowhead.
- J is the distance from the bottom of the arrow 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 first line.
- M is the distance from the vertical center of the sign to the left and right edges of the arrow.
- N is the corner radius.

D5-6: Next Rest Area

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

D5-7: Rest Area Tourist Info Center Advance

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

D5-7a: Rest Area Tourist Info Center Advance Direction - Sheet 1

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width and the width of the dividing line.
- D is the distance from the top of the first line to the top of the sign.
- E is the letter height and FHWA standard font for each line.
- F is the space between the first line and the dividing line and between the dividing line and the second line.
- G is the space between the second and third lines.
- H is the space between the third and fourth lines.
- J is the distance from the bottom of the last line to the bottom of the sign.
- 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 first word on the second 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 space between the words on the second and fourth lines.
- 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 third line.
- U is the distance from the vertical center of the sign to the right edge of the third line.
- V is the distance from the vertical center of the sign to the left and right edges of the fourth line.
- W is the width of the first word on the fourth line.
- X is the width of the second word on the fourth line.
- Y is the corner radius.

D5-7a: Rest Area Tourist Info Center Advance Direction - Sheet 2

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width and the width of the dividing line.
- D is the distance from the top of the first line to the top of the sign.
- E is the letter height and FHWA standard font for each line.
- F is the space between the first line and the dividing line and between the dividing line and the second line.
- G is the space between the second and third lines.
- H is the space between the third and fourth lines.
- J is the distance from the bottom of the last line to the bottom of the sign.
- 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 second line.
- Q is the distance from the vertical center of the sign to the right edge of the second line.
- R is the distance from the vertical center of the sign to the left edge of the third line.
- S is the distance from the vertical center of the sign to the right edge of the third line.
- T is the distance from the vertical center of the sign to the left and right edges of the fourth line.
- U is the width 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 corner radius.

D5-7a: Rest Area Tourist Info Center Advance Direction - Sheet 3

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width and the width of the dividing line.
- D is the distance from the top of the first line to the top of the sign.
- E is the letter height and FHWA standard font for the lines.
- F is the space between the first line and the dividing line and between the dividing line and the second line.
- G is the space between the second and third lines.
- H is the space between the third and fourth lines.
- J is the distance from the bottom of the last line to the bottom of the sign.
- 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 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, third, and fourth lines.
- 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 distance from the vertical center of the sign to the right and left 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 corner radius.

D5-8: Rest Area Tourist Info Center Entrance Direction

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

D5-9: Parking Area Advance

- 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.
- E is the letter height and FHWA standard font for the first line.
- F is the space between the first line and the word on second line.
- G is the letter height and FHWA standard font for the word on second line.
- H is the distance from the bottom of the word on the last line to the bottom of the sign.
- J is the distance from the bottom of the number on the second line to the bottom of the sign.
- K is the letter height and FHWA standard font for the whole number on the second line.
- L 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 of the sign to the left and right edges of the second line.

D5-9a: Parking Area Entrance Direction

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

D5-9b: Parking Area Gore

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

D5-10: Picnic Area (Roadside Table, Roadside Park) Advance – Sheet 1

- 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.
- E is the letter height and FHWA standard font for the first line.
- F is the space between the lines.
- G is the distance from the top of the arrow to the bottom of the sign.
- H is the width of the first word on the first line.
- I is the distance from the bottom of the second word on the last line to the bottom of the sign.
- 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 length of the arrow.
- N is the width of the arrowhead.
- P is the corner radius.

D5-10: Picnic Area (Roadside Table, Roadside Park) Advance – Sheet 2

- 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.
- E is the letter height and FHWA standard font for the first line.
- F is the space between the lines.
- G is the distance from the top of the arrow to the bottom of the sign.
- 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.
- L is the width of the second word on the first line.
- M is the length of the arrow.
- N is the width of the arrowhead.
- P is the corner radius.

D5-10: Picnic Area (Roadside Table, Roadside Park) Advance – Sheet 3

- 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.
- E is the letter height and FHWA standard font for the first line.
- F is the space between the lines.
- G is the distance from the top of the arrow to the bottom of the sign.
- 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.
- L is the width of the second word on the first line.
- M is the length of the arrow.
- N is the width of the arrowhead.
- P is the corner radius.

D5-10a: Picnic Area (Roadside Table, Roadside Park) Entrance Direction – Sheet 1

- 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.
- E is the letter height and FHWA standard font for the first line.
- F is the space between the lines.
- G is the distance from the top of the arrow to the bottom of the sign.
- 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 length of the arrow.
- N is the width of the arrowhead.
- P is the corner radius.

D5-10a: Picnic Area (Roadside Table, Roadside Park) Entrance Direction – Sheet 2

- 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.
- E is the letter height and FHWA standard font for the first line.
- F is the space between the lines.
- G is the distance from the top of the arrow to the bottom of the sign.
- 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.
- L is the width of the second word on the first line.
- M is the length of the arrow.
- N is the width of the arrowhead.
- P is the corner radius.

D5-10a: Picnic Area (Roadside Table, Roadside Park) Entrance Direction – Sheet 3

- 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.
- E is the letter height and FHWA standard font for the first line.
- F is the space between the lines.
- G is the distance from the top of the arrow to the bottom of the sign.
- 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.
- L is the width of the second word on the first line.
- M is the length of the arrow.
- N is the width of the arrowhead.
- P is the corner radius.

D5-10b: Picnic Area (Roadside Table, Roadside Park) Gore – Sheet 1

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

D5-10b: Picnic Area (Roadside Table, Roadside Park) Gore – Sheet 2

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

D5-10b: Picnic Area (Roadside Table, Roadside Park) Gore – Sheet 3

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

D5-11: Scenic Area (Scenic View, Scenic Overlook) Advance – Sheet 1

- 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.
- 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 word on the second line.
- H is the distance from the bottom of the second word on the last line to the bottom of the sign.
- J is the letter height and FHWA standard font for the number on the second line.
- K is the distance from the vertical center of the sign to the left edge 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 space between the 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 left and right edges of the second line.
- Q is the width of the number 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 corner radius.

D5-11: Scenic Area (Scenic View, Scenic Overlook) Advance – Sheet 2

- 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.
- 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 word on the second line.
- H is the distance from the bottom of the second word on the last line to the bottom of the sign.
- J is the letter height and FHWA standard font for the number on the second line.
- K is the distance from the vertical center of the sign to the left edge 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 space between the 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 left and right edges of the second line.
- Q is the width of the number 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 corner radius.

D5-11: Scenic Area (Scenic View, Scenic Overlook) Advance – Sheet 3

- 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.
- 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 word on the second line.
- H is the distance from the bottom of the second word on the last line to the bottom of the sign.
- J is the letter height and FHWA standard font for the number on the second line.
- K is the width of the first word on the first line.
- L is the space between the words 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 second 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 number 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 corner radius.

D5-11a: Scenic Area (Scenic View, Scenic Overlook) Entrance Direction – Sheet 1

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

D5-11a: Scenic Area (Scenic View, Scenic Overlook) Entrance Direction – Sheet 2

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

D5-11a: Scenic Area (Scenic View, Scenic Overlook) Entrance Direction – Sheet 3

- 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 line to the top of the sign.
- E is the letter height and FHWA standard font for the line.
- F is the space between the line and the arrow.
- G is the width of the first word.
- H is the space between the words.
- 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 length of the arrow.
- M is the width of the arrowhead.
- N is the corner radius.

D5-11b: Scenic Area (Scenic View, Scenic Overlook) Gore – Sheet 1

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

D5-11b: Scenic Area (Scenic View, Scenic Overlook) Gore – Sheet 2

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

D5-11b: Scenic Area (Scenic View, Scenic Overlook) Gore – Sheet 3

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

D5-12: Interstate Oasis

- 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.
- 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 number on the second line.
- H is the distance from the bottom of the number on the last line to the bottom of the sign.
- J is the distance from the bottom of the word on the last line to the bottom of the sign.
- K is the letter height and FHWA standard font for the word on the second line.
- 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 of the sign to the left and right edges of the second line.
- R is the width of the first word on the second line.
- S is the space between the word and the number on the second line.
- T is the width of the number on the second line.
- U is the corner radius.

D5-12aP: Interstate Oasis (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 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 each line.
- F is the space between the lines.
- G is the distance from the vertical center of the plaque to the left edge of the first line.
- H is the distance from the vertical center of the plaque to the right edge of the first line.
- J is the distance from the vertical center of the plaque to the left edge of the second line.
- K is the distance from the vertical center of the plaque to the right edge of the second line.
- L is the corner radius.

D5-12b: Interstate Oasis Directional – Sheet 1

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

D5-12b: Interstate Oasis Directional – Sheet 2

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

D5-13: Brake Check Area Advance

- 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.
- E is the letter height and FHWA standard font for the first and second lines.
- F is the space between the first and second lines.
- G is the space between the second line and the word on the third line.
- H is the letter height and FHWA standard font for the third line.
- J is the distance from the bottom of the word on the last line to the bottom of the sign.
- K is the distance from the bottom of the fraction on the last line to the bottom of the sign.
- L is the height of the fraction.
- M is the space between the second line and the fraction on the third line.
- 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 right edge of the first word 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 width of the second word on the first line.
- S is the distance from the vertical center of the sign to the left and right edges of 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 fraction on the third line.
- V is the space between the fraction and the word on the third line.
- W is the width of the word on the third line.
- X is the corner radius.

D5-14: Brake Check Area Entrance Direction

- 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 line to the top of the sign.
- E is the letter height and FHWA standard font for each line.
- F is the space between the first and second lines.
- G is the space between the second line and the arrow.
- H is the distance from the bottom of the arrow to the bottom of the sign.
- 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 and right edges of the second line.
- P is the distance from the vertical center of the sign to the arrow tip.
- Q is the width of the arrowhead.
- R is the length of the arrow.
- S is the corner radius.

D5-15: Chain-Up Area Advance

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

D5-16: Chain-Up Area Entrance Direction

- 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.
- E is the letter height and FHWA standard font for each line.
- F is the space between the first and second lines.
- G is the space between the second line and the arrow.
- H is the distance from the bottom of the arrow to the bottom of the sign.
- 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 length of the hyphen and the spaces between the words and the hyphen 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 and right edges of the second line.
- P is the distance from the vertical center of the sign to the arrow tip.
- Q is the width of the arrowhead.
- R is the length of the arrow.
- S is the corner radius.

D8-1: Advance Weigh Station Distance – Sheet 1

- 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 the space between the first and the second lines.
- E is the letter height and FHWA standard font for the first and second lines.
- F is the space between the second and third lines and the distance from the bottom of the word on the third line to the bottom of the sign.
- G is the letter height and FHWA standard font for the word on the third line.
- H is the distance from the bottom of the number on the third line to the bottom of the sign.
- J is the height of the number 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 third line.
- Q is the width of the number on the third line.
- R is the space between the number and word on the third line.
- S is the width of the word on the third line.
- T is the corner radius.

D8-1: Advance Weigh Station Distance – Sheet 2

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width of the sign and the supplemental sign.
- D is the distance from the top of the first line to the top of the sign and the space between the first and the second lines.
- E is the letter height and FHWA standard font for the first and second lines.
- F is the space between the second and third lines and the distance from the bottom of the word on the third line to the bottom of the sign.
- G is the letter height and FHWA standard font for the word on the third line.
- H is the distance from the top of the changeable message display and the top of the supplemental sign and from the bottom of the changeable message display to the bottom of the sign.
- J is the distance from the top of the word in the changeable message display to the top of the changeable message display and from the bottom of the word in the changeable message display to the bottom of the changeable message display.
- K is the letter height and FHWA standard font for the word in the changeable message display.
- L is the distance from the bottom of the number on the third line to the bottom of the sign.
- M is the height of the number on the third line.
- 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 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 width of the number on the third line.
- U is the space between the number and word on the third line.
- V is the width of the word on the third line.
- W is the distance from the vertical center of the supplemental sign to the left and right edges of the changeable message display.
- X is the distance from the vertical center of the supplemental sign to the left edge of the word in the changeable message display.
- Y is the distance from the vertical center of the supplemental sign to the right edge of the word in the changeable message display.
- Z is the corner radius of the sign.
- AA is the corner radius of the supplemental sign.

D8-1: Advance Weigh Station Distance – Sheet 3

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

D8-1a: Weigh Station Ahead

- 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 edge of the first line.
- H is the distance from the vertical center of the sign to the right edge of 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 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.

D8-2: Weigh Station Advance Direction

- 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 edge of the word on the first line.
- H is the distance from the vertical center of the sign to the right edge 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 width of the first word on the third line.
- M is the distance from the vertical center of the sign to the right edge of the first word 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 width of the second word on the third line.
- Q is the corner radius.

D8-3: Weigh Station Entrance Direction

- 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.
- E is the letter height and FHWA standard font for each line.
- F is the space between the first and second lines.
- G is the space between the second line and the arrow.
- H is the distance from the bottom of the arrow to the bottom of the sign.
- 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 arrow.
- P is the distance from the vertical center of the sign to the right edge of the arrow.
- Q is the width of the arrowhead.
- R is the length of the arrow.
- S is the corner radius.

D9-1: Telephone

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the corner radius.

D9-2: Hospital

- 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 from the bottom of the last line to the bottom of the sign.
- D is the letter height and FHWA standard font for the line.
- E is the distance from the vertical center of the sign to the left edge of the letter.
- F is the distance from the vertical center of the sign to the right edge of the letter.
- G is the corner radius.

D9-3: Camping

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the corner radius.

D9-4: Litter Container

- 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 symbol to the bottom of the sign.
- E is the height of the symbol.
- F is the corner radius.

D9-6: International Symbol of Accessibility

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the corner radius.

D9-6P: Van Accessible (plaque)

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

D9-7: Gas

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the corner radius.

D9-8: Food

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the distance from the vertical center of the sign to the left and right edges of the circle.
- F is the corner radius.

D9-9: Lodging

- A is the length of each edge of the sign.
- B is the border width.
- C is the distance from the bottom of the symbol to the bottom of the sign.
- D is the height of the symbol.
- E is the distance from the top of the symbol to the top of the sign.
- F is the distance from the vertical center of the sign to the left edge of the symbol.
- G is the distance from the vertical center of the sign to the right edge of the symbol.
- H is the corner radius.

D9-10: Tourist Information

- A is the length of each edge 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 vertical center of the sign to the left edge of the word.
- F is the distance from the vertical center of the sign to the right edge of the word.
- G is the corner radius.

D9-11: Diesel Fuel

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

D9-11a: Alternative Fuel - Compressed Natural Gas

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the distance from the top of the symbol to the top of the first letter.
- E is the letter height and FHWA standard font for the letters on the symbol.
- F is the space between the first and second letters.
- G is the space between the second and third letters.
- H is the distance from the bottom of the third letter to the bottom of the symbol.
- J is the distance from the vertical center of the sign to the left edge of the letters.
- K is the distance from the vertical center of the sign to the right edge of the letters.
- L is the corner radius.

D9-11b: Electric Vehicle Charging

- A is the length of each edge of the sign.
- B is the border width.
- C is the distance from the top of the symbol to the top of the sign.
- D is the distance from the top of the symbol to the top of the first letter.
- E is the letter height and FHWA standard font for the letters on the charging station.
- F is the space between the letters.
- G is the distance from the bottom of the second letter to the bottom of the charging station.
- H is the distance from the bottom of the charging station to the bottom of the sign.
- J is the distance from the vertical center of the sign to the left edge of the first letter.
- K is the distance from the vertical center of the sign to the right edge of the first letter.
- L is the distance from the vertical center of the sign to the left edge of the second letter.
- M is the distance from the vertical center of the sign to the right edge of the second letter.
- N is the corner radius.

D9-11bP: Electric Vehicle Charging (plaque)

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the border width.
- D is 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 each line.
- F is the space between the lines.
- G is the distance from the vertical center of the plaque to the left edge of the word on the first line.
- H is the distance from the vertical center of the plaque to the right edge 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 distance from the vertical center of the plaque to the left edge of the word on the third line.
- M is the distance from the vertical center of the plaque to the right edge of the word on third line.
- N is the corner radius.

D9-11c: Alternative Fuel - Ethanol

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the distance from the top of the symbol to the top of the first letter.
- E is the letter height and FHWA standard font for the letters on the fuel pump.
- F is the space between the letters.
- G is the distance from the bottom of the third letter to the bottom of the symbol.
- H is the distance from the vertical center of the sign to the left edge of the first letter.
- J is the distance from the vertical center of the sign to the right edge of the first letter.
- K is the distance from the vertical center of the sign to the left edge of the numbers.
- L is the distance from the vertical center of the sign to the right edge of the numbers.
- M is the corner radius.

D9-11d: Alternative Fuel - Liquefied Natural Gas

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the distance from the top of the symbol to the top of the first letter.
- E is the letter height and FHWA standard font for the letters on the fuel pump.
- F is the space between the letters.
- G is the distance from the bottom of the third letter to the bottom of the symbol.
- H is the distance from the vertical center of the sign to the left edge of the first letter.
- J is the distance from the vertical center of the sign to the right edge of the first letter.
- K is the distance from the vertical center of the sign to the left edge of the second and third letters.
- L is the distance from the vertical center of the sign to the right edge of the second and third letters.
- M is the corner radius.

D9-11e: Alternative Fuel - Liquefied Petroleum Gas

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the distance from the top of the symbol to the top of the first letter.
- E is the letter height and FHWA standard font for the letters on the fuel pump.
- F is the space between the letters.
- G is the distance from the bottom of the third letter to the bottom of the symbol.
- H is the distance from the vertical center of the sign to the left edge of the first letter.
- J is the distance from the vertical center of the sign to the right edge of the first letter.
- K is the distance from the vertical center of the sign to the left edge of the second and third letters.
- L is the distance from the vertical center of the sign to the right edge of the second and third letters.
- M is the corner radius.

D9-11f: Alternative Fuel - Hydrogen

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the distance from the top of the symbol to the top of the first letter.
- E is the letter height and FHWA standard font for the letters on the fuel pump.
- F is the space between the letters.
- G is the distance from the bottom of the third letter to the bottom of the fuel pump.
- H is the distance from the vertical center of the sign to the left edge of the first and third letters.
- J is the distance from the vertical center of the sign to the right edge of the first and third letters.
- K is the distance from the vertical center of the sign to the left edge of the second letter.
- L is the distance from the vertical center of the sign to the right edge of the second letter.
- M is the corner radius.

D9-11g: Alternative Fuel - Biofuel

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

D9-12: RV Sanitary Station

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the corner radius.

D9-13: Emergency Medical Services

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is height of the symbol.
- E is the corner radius.

D9-13aP: Hospital (plaque)

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the border width.
- D is 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 line.
- F is the distance from the vertical center of the plaque to the left edge of the word.
- G is the distance from the vertical center of the plaque to the right edge of the word.
- H is the corner radius.

D9-13bP: Ambulance Station (plaque)

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the border width.
- D is 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 each line.
- F is the space between the lines.
- 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 edge of the word on the second line.
- J is the distance from the vertical center of the plaque to the right edge of the word on the second line.
- K is the corner radius.

D9-13cP: Emergency Medical Care (plaque)

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the border width.
- D is 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 each line.
- F is the space between the lines.
- 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 edge of the word on the second line.
- J is the distance from the vertical center of the plaque to the right edge of the word on the second line.
- K is the distance from the vertical center of the plaque to the left edge of the word on the third line.
- L is the distance from the vertical center of the plaque to the right edge of the word on the third line.
- M is the corner radius.

D9-13dP: Trauma Center (plaque)

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the border width.
- D is 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 each line.
- F is the space between the lines.
- G is the distance from the vertical center of the plaque to the left edge of the word on the first line.
- H is the distance from the vertical center of the plaque to the right edge 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.

D9-14: Police

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

D9-16: Truck Parking

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

D9-16aP: Truck External Power (plaque)

- A is the length of each edge of the plaque.
- B is the border width.
- C is 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 each line.
- E is the space between the lines.
- F is the distance from the vertical center of the plaque to the left and right edges of the word on the first line.
- G is the distance from the vertical center of the plaque to the left edge of the word on the second line.
- H is the distance from the vertical center of the plaque to the right edge of the word on 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 third line.
- K is the corner radius.

D9-16b: Truck Parking Availability - Exit Number

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border and dividing line width.
- D is the distance from the top of the first line to the top of the sign.
- E is the letter height and FHWA standard font for the first and second lines and for the words below the dividing line.
- F is the space between the first and second line.
- G is the space between the bottom of the second line and the top of the dividing line.
- H is the dividing line width.
- J is the space between the dividing line and the top of the dynamic message sign on the third line and between the dynamic message signs.
- K is the height of the dynamic message signs.
- L is the distance from the bottom of the dynamic message sign on the fifth line to the bottom of the sign.
- M is the height of the word in the dynamic message on the fifth line.
- N is the height of the number in the dynamic message on the third and fourth lines and of the third word on the fourth line.
- P is the distance from the bottom of the first word on the fifth line to the bottom of the sign.
- Q is the space between the first words on the third, fourth, and fifth lines.
- R is the distance from the top of the first word on the third line to the bottom of the dividing line.
- S is the distance from the bottom of the symbol for truck parking to the top of the dividing line.
- T is the length of each side of the truck parking symbol.
- U is the distance from the top of the truck parking symbol to the top of the sign.
- V is the space between the symbol for truck parking and the first line.
- W is the distance from the vertical center of the sign to the left edge of the word on the first line.
- X is the distance from the vertical center of the sign to the right edge of the first line.
- Y is the distance from the vertical center of the sign to the left edge of the second line.
- Z is the width of the word on the second line.
- AA is the distance from the right edge of each dynamic message sign to the right edge of the sign and the left edge of the first word on the third, fourth, and fifth lines to the left edge of the sign.
- BB is the width of the first word on the third, fourth, and fifth lines.
- CC is the space between the first and second words on the third, fourth, and fifth lines.
- DD is the width of the second word on the third, fourth, and fifth lines.
- EE is the width of each dynamic message sign.
- FF is the width of the number or word in each of the dynamic messages.
- GG is the space between the second and third word on the fourth line. HH is the width of the third word on the fourth line.

- JJ is the space between the dividing line and the top of the second word on the third line.
- KK is the corner radius.

D9-16c: Truck Parking Availability – Distance

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border and dividing line width.
- D is the distance from the top of the first line to the top of the sign.
- E is the letter height and FHWA standard font for the first and second lines and for the words below the dividing line.
- F is the space between the first and second line.
- G is the space between the bottom of the second line and the top of the dividing line.
- H is the dividing line width.
- J is the space between the dividing line and the top of the dynamic message sign on the third line and between the dynamic message signs.
- K is the height of the dynamic message signs.
- L is the distance from the bottom of the dynamic message sign on the fifth line to the bottom of the sign.
- M is the height of the word in the dynamic message on the fifth line.
- N is the height of the number in the dynamic message on the third and fourth lines.
- P is the distance from the bottom of the first word on the fifth line to the bottom of the sign.
- Q is the letter height and FHWA standard font for the first numbers on the fourth and fifth lines.
- R is the space between the first words on the fourth and fifth lines.
- S is the space between the first words on the third and fourth lines.
- T is the distance from the top of the first word on the third line to the bottom of the dividing line.
- U is the distance from the bottom of the symbol for truck parking to the top of the dividing line.
- V is the length of each side of the truck parking symbol.
- W is the distance from the top of the truck parking symbol to the top of the sign.
- X is the space between the symbol for truck parking and the first line.
- Y is the distance from the vertical center of the sign to the left edge of the word on the first line.
- Z is the distance from the vertical center of the sign to the right edge of the first line.
- AA is the distance from the vertical center of the sign to the left edge of the second line.
- BB is the width of the word on the second line.
- CC is the distance from the right edge of each dynamic message sign to the right edge of the sign and the left edge of the first word on the third, fourth, and fifth lines to the left edge of the sign.
- DD is the width of the first word on the third line.
- EE is the space between the first and second word on the third line.
- FF is the width of the second word on the third line.
- GG is the width of each dynamic message sign.
- HH is the width of the number or word in each of the dynamic messages.
- JJ is the width of the first word on the fourth and fifth lines.

- KK is the space between the first and second words on the fourth and fifth lines.
- LL is the width of the second word on the fourth and fifth lines.
- MM is the corner radius.

D9-16d: Truck Parking Availability - Rest Areas – Sheet 1

- 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.
- E is the letter height and FHWA standard font for the first and second lines and for the words below the dividing line.
- F is the space between the first and second line.
- G is the space between the bottom of the second line and the top of the dividing line, and the space between the top of the third line and the bottom of the dividing line.
- H is the dividing line width.
- J is the space between the bottom of the third line and the top of the dynamic message sign on the fourth line and between the dynamic message signs.
- K is the height of the dynamic message signs.
- L is the distance from the bottom of the dynamic message sign on the fifth line to the bottom of the sign.
- M is the height of the word in the dynamic message on the fifth line.
- N is the height of the number in the dynamic message on the fourth line.
- P is the distance from the bottom of the first word on the fifth line to the bottom of the sign.
- Q is the letter height and FHWA standard font for the first numbers on the fourth and fifth lines.
- R is the space between the first words on the fourth and fifth lines.
- S is the space between the first words on the third and fourth lines.
- T is the distance from the bottom of the symbol for truck parking to the top of the dividing line.
- U is the length of each side of the truck parking symbol.
- V is the distance from the top of the truck parking symbol to the top of the sign.
- W is the space between the symbol for truck parking and the first line.
- X is the distance from the vertical center of the sign to the left edge of the word on the first line.
- Y is the distance from the vertical center of the sign to the right edge of the first line.
- Z is the distance from the vertical center of the sign to the left edge of the second line.
- AA is the width of the word on the second line.
- BB is the width of the first word on the third line.
- CC is the space between the words on the third line.
- DD is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- EE is the distance from the vertical center of the sign to the right edge of the second word on the third line.

- FF is the distance from the right edge of each dynamic message sign to the right edge of the sign and the left edge of the first word on the fourth and fifth lines to the left edge of the sign.
- GG is the width of the numbers on the fourth and fifth lines.
- HH is the space between the first and second words on the fourth and fifth lines.
- JJ is the width of the second word on the fourth and fifth lines.
- KK is the space between the second words on the fourth and fifth lines to the dynamic message sign.
- LL is the width of each dynamic message sign.
- MM is the width of the number or word in each of the dynamic messages.
- NN is the corner radius.

D9-16d: Truck Parking Availability - Rest Areas – Sheet 2

- 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.
- E is the letter height and FHWA standard font for the first and second lines and for the words below the dividing line.
- F is the space between the first and second line.
- G is the space between the bottom of the second line and the top of the dividing line, and the space between the top of the third line and the bottom of the dividing line.
- H is the dividing line width.
- J is the space between the bottom of the third line and the top of the dynamic message sign on the fourth line and between the dynamic message signs.
- K is the height of the dynamic message signs.
- L is the distance from the bottom of the dynamic message sign on the sixth line to the bottom of the sign.
- M is the height of the word in the dynamic message on the sixth line.
- N is the height of the number in the dynamic message on the fourth and fifth lines.
- P is the distance from the bottom of the first word on the sixth line to the bottom of the sign.
- Q is the letter height and FHWA standard font for the first numbers on the fourth, fifth, and sixth lines.
- R is the space between the first words on the fourth, fifth, and sixth lines.
- S is the space between the first words on the third and fourth lines.
- T is the distance from the bottom of the symbol for truck parking to the top of the dividing line.
- U is the length of each side of the truck parking symbol.
- V is the distance from the top of the truck parking symbol to the top of the sign.
- W is the space between the symbol for truck parking and the first line.
- X is the distance from the vertical center of the sign to the left edge of the word on the first line.
- Y is the distance from the vertical center of the sign to the right edge of the first line.
- Z is the distance from the vertical center of the sign to the left edge of the second line.
- AA is the width of the word on the second line.
- BB is the width of the first word on the third line.
- CC is the space between the words on the third line.
- DD is the distance from the vertical center of the sign to the left edge of the second word on the third line.
- EE is the distance from the vertical center of the sign to the right edge of the second word on the third line.
- FF is the distance from the right edge of each dynamic message sign to the right edge of the sign and the left edge of the first word on the fourth, fifth, and sixth lines to the left edge of the sign.
- GG is the width of the numbers on the fourth, fifth, and sixth lines.

- HH is the space between the first and second words on the fourth, fifth, and sixth lines.
- JJ is the width of the second word on the fourth, fifth, and sixth lines.
- KK is the space between the second words on the fourth, fifth, and sixth lines to the dynamic message sign.
- LL is the width of each dynamic message sign.
- MM is the width of the number or word in each of the dynamic messages.
- NN is the corner radius.

D9-16e: Truck Parking Availability – Combined – Sheet 1

- 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.
- E is the letter height and FHWA standard font for the words on the lines.
- F is the space between the first and second line.
- G is the space between the bottom of the second line and the top of the dividing line.
- H is the dividing line width.
- J is the space between the top of the first dynamic message sign and the bottom of the first dividing line.
- K is the height of the dynamic message signs.
- L is the distance from the bottom of the dynamic message sign on the fifth line to the bottom of the sign.
- M is the height of the numbers in the dynamic message signs.
- N is the distance between the fourth and fifth lines and the distance from the bottom of the first word on the fifth line to the bottom of the sign.
- P is the letter height and FHWA standard font for the numbers on the third and fifth lines.
- Q is the distance from the top of the number on the third line to the bottom of the first dividing line and the bottom of the number on the third line to the top of the second dividing line.
- R is the distance from the top of the first word on the third line to the bottom of the first dividing line and the bottom of the first word on the third line to the top of the second dividing line.
- S is the distance from the bottom of the symbol for truck parking to the top of the dividing line.
- T is the length of each side of the truck parking symbol.
- U is the distance from the top of the truck parking symbol to the top of the sign.
- V is the space between the symbol for truck parking and the first line.
- W is the distance from the vertical center of the sign to the left edge of the word on the first line.
- X is the distance from the vertical center of the sign to the right edge of the first line.
- Y is the distance from the vertical center of the sign to the left edge of the second line.
- Z is the width of the word on the second line.
- AA is the distance from the right edge of each dynamic message sign to the right edge of the sign and the left edge of the first word on the third and fourth lines to the left edge of the sign.
- BB is the width of the first word on the third line and the width of the first word on the fifth line.
- CC is the space between the words on the third line and the fifth line.
- DD is the width of the second word (89) on the third line.
- EE is the distance from the vertical center of the sign to the right edge of the dynamic message sign on the third line; and the space between the second word on the fourth line (i.e., AREA) and the dynamic message sign.

- FF is the width of each dynamic message sign.
- GG is the width of the numbers in each of the dynamic messages.
- HH is the width of the first word on the fourth line.
- JJ is the space between the first and second words on the fourth lines.
- KK is the width of the second word on the fourth line.
- LL is the width of the second word on the fifth lines.
- MM is the corner radius.

D9-16e: Truck Parking Availability – Combined – Sheet 2

- 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.
- E is the letter height and FHWA standard font for the words on the lines.
- F is the space between the first and second line.
- G is the space between the bottom of the second line and the top of the dividing line.
- H is the dividing lines width.
- J is the space between the top of the first dynamic message sign and the bottom of the first dividing line, the distance from the bottom of the first dynamic message sign to the top of the second dividing line, the distance from the top of the second dynamic message sign to the bottom of the second dividing line and the bottom of the dynamic message sign to the bottom of the sign.
- K is the height of the dynamic message signs.
- L is the height of the numbers in the dynamic message signs.
- M is the distance between the top of the third line to the bottom of the first dividing line, between the third and fourth lines, the bottom of the fourth line and the top of the second dividing line, the top of the fifth line and the bottom of the second dividing line, the fourth and fifth lines, and the from the bottom of the fifth line to the bottom of the sign.
- N is the letter height and FHWA standard font for the numbers on the fourth and sixth lines.
- P is the distance from the bottom of the symbol for truck parking to the top of the dividing line.
- Q is the length of each side of the truck parking symbol.
- R is the distance from the top of the truck parking symbol to the top of the sign.
- S is the space between the symbol for truck parking and the first line.
- 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 first line.
- V is the distance from the vertical center of the sign to the left edge of the second line.
- W is the width of the word on the second line.
- X is the distance from the right edge of each dynamic message sign to the right edge of the sign and the left edge of the first word on the third and fifth lines to the left edge of the sign.
- Y is the width of the first word on the third line.
- Z is the space between the words on the third line.
- AA is the width of the second word on the third line.
- BB is the space between the second word on the third and fifth lines and the dynamic message signs.
- CC is the width of the dynamic message signs.
- DD is the width of the first word on the fourth line.
- EE is the space between the words on the fourth line.
- FF is the width of the word on the fourth line.

- GG is the width of the numbers in each of the dynamic messages.
- HH is the width of the first word on the fifth line.
- JJ is the width of the second word on the fifth lines.
- KK is the width of the first word on the sixth line.
- LL is the width of the second word on the sixth line.
- MM is the corner radius.

D9-16e: Truck Parking Availability – Combined – Sheet 3

- 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.
- E is the letter height and FHWA standard font for the words on the lines.
- F is the space between the first and second line.
- G is the space between the bottom of the second line and the top of the dividing line.
- H is the dividing lines width.
- J is the space between the top of the first dynamic message sign and the bottom of the first dividing line, the distance from the bottom of the first dynamic message sign to the top of the second dividing line, the distance from the top of the second dynamic message sign to the bottom of the second dividing line and the bottom of the dynamic message sign to the bottom of the sign.
- K is the height of the dynamic message signs.
- L is the letter height and FHWA standard font for the numbers on the fourth and sixth lines and the height of the numbers in the dynamic message signs.
- M is the distance between the top of the third line to the bottom of the first dividing line, between the third and fourth lines, the bottom of the fourth line and the top of the second dividing line, the top of the fifth line and the bottom of the second dividing line, the fourth and fifth lines, and the from the bottom of the fifth line to the bottom of the sign.
- N is the distance from the bottom of the symbol for truck parking to the top of the dividing line.
- P is the length of each side of the truck parking symbol.
- Q is the distance from the top of the truck parking symbol to the top of the sign.
- R is the space between the symbol for truck parking and the first line.
- S is the distance from the vertical center of the sign to the left edge of the word on the first line.
- T is the distance from the vertical center of the sign to the right edge of the first line.
- U is the distance from the vertical center of the sign to the left edge of the second line.
- V is the width of the word on the second line.
- W is the distance from the right edge of each dynamic message sign to the right edge of the sign and the left edge of the first word on the third and fifth lines to the left edge of the sign.
- X is the width of the first word on the third line.
- Y is the space between the words on the third line.
- Z is the width of the second word on the third line.
- AA is the space between the second word on the third and fifth lines and the dynamic message signs.
- BB is the width of the dynamic message signs.
- 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 word on the fourth line.
- FF is the width of the numbers in each of the dynamic messages.

- GG is the width of the first word on the fifth line.
- HH is the width of the second word on the fifth line.
- JJ is the width of the first word on the sixth line.
- KK is the corner radius.

D9-16e: Truck Parking Availability – Combined – Sheet 4

- 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.
- E is the letter height and FHWA standard font for the words on the lines.
- F is the space between the first and second line.
- G is the space between the bottom of the second line and the top of the dividing line.
- H is the dividing lines width.
- J is the space between the top of the first dynamic message sign and the bottom of the dividing line, and the distance between the dynamic message signs.
- K is the height of the dynamic message signs.
- L is the distance from the bottom of the third dynamic message sign to the bottom of the sign.
- M is the height of the numbers in the dynamic message signs.
- N is the distance from the bottom of the first word on the fifth line to the bottom of the sign.
- P is the space between the third, fourth, and fifth lines.
- Q is the distance from the top of the third line to the bottom of the dividing line.
- R is the distance from the bottom of the symbol for truck parking to the top of the dividing line.
- S is the length of each side of the truck parking symbol.
- T is the distance from the top of the truck parking symbol to the top of the sign.
- U is the space between the symbol for truck parking and 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 first line.
- X is the distance from the vertical center of the sign to the left edge of the second line.
- Y is the width of the word on the second line.
- Z is the distance from the right edge of each dynamic message sign to the right edge of the sign and the left edge of the first word on the third, fourth and fifth lines to the left edge of the sign.
- AA is the width of the first word on the third line.
- BB is the space between the words on the third line.
- CC is the width of the second word on the third line.
- DD is the width of the dynamic message signs.
- EE is the width of the numbers in each of the dynamic messages.
- FF is the width of the first word on the fourth and fifth lines.
- GG is the width of the second word on the fourth and fifth lines.
- HH is the letter height and FHWA standard font for the numbers on the third and fourth lines.
- JJ is the corner radius.

D9-17P: Next Services Advance (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 first line to the top of the plaque and from the bottom of the word on the last line to the bottom of the plaque.
- E is the letter height and FHWA standard font for the first line and the number on the second line.
- F is the space between the first line and the word on the second line.
- G is the letter height and FHWA standard font for the word on the second line.
- H is the distance from the bottom of the number on the last line to the bottom of the plaque.
- J is the space between the first line and the number on the second line.
- K is the width of the first word.
- L is the space between the first and second word, and the space between the number and word on the second line.
- M is the distance from the vertical center of the plaque to the left edge of the second word on the first line.
- N is the distance from the vertical center of the plaque to the right edge of the second word on the first line.
- P is the distance from the vertical center of the plaque to the left and right edges of the second line.
- Q is the width of the number on the second line.
- R is the width of the word on the second line.
- S is the corner radius.

D9-17a: Next EV Charging XX Miles

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- 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 second and third lines, and distance from the bottom of the number on the third line to the bottom of the sign
- E is the letter height and FHWA standard font for the first and second lines and the number on the third line.
- F is the space between the first and second lines and between the second line and the number on the third line.
- G is the letter height and FHWA standard font for the word on the third line.
- H is the distance from the bottom of the word on the last line to the bottom of the sign.
- J is the distance from the vertical center of the sign to the left and right edges of the first line.
- K is the width of the first word on the second line.
- L is the space between the first and second words on the second line.
- M 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 width of the number on the third line.
- R is the space between the number and the word on the third line.
- S is the width of the word on the third line.
- T is the corner radius.

D9-18: General Services (up to 6 symbols) with Exit Number

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

D9-18a: General Services with Exit Number

- 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.
- E is the letter height and FHWA standard font for the first, second, third and fourth lines and the word on the fifth line.
- F is the space between the lines.
- G is the number height and FHWA standard font for the number on the fifth line.
- H is the distance from the bottom of the last line to the bottom of the sign.
- J is the space between the fourth line and the word on the fifth line.
- K is the width of the first word on the first line.
- L is the space between words and the hyphen and the width of the hyphens.
- M is the distance from the vertical center of the sign to the right edge of the - 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 width of the second word on the first line.
- Q is the width of the first word 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 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 distance from the vertical center of the sign to the left edge of the word on the fourth line.
- W is the distance from the vertical center of the sign to the right edge of the word on the fourth line.
- X is the width of the word on the fifth line.
- Y is the space between the word and the number on the fifth line.
- Z is the width of the number on the fifth line.
- AA is the corner radius.

D9-18b: General Services (up to 6 symbols) with Action Message

- 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 symbols to the top of the sign.
- E is the width and height of each symbol.
- F is the space between the first and second lines.
- G is the space between the second and third lines.
- H is the letter height and FHWA standard font for the third line.
- J is the distance from the bottom of the last line to the bottom of the sign.
- K is the space between the symbol borders.
- L is the distance from the vertical center of the sign to the left and right edges of the food and hospital symbols.
- M is the distance from the vertical center of the sign to the left and right edges of the third line.
- N is the width 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 corner radius.

D9-18c: General Services with Action Message

- 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 the lines.
- F is the space between the first, second, third, and fourth lines.
- G is the space between the fourth and fifth lines.
- H is the width of the first word on the first line.
- J is the width of the hyphens, the space between the first words and hyphens on the first and second lines, and the space between the hyphen and second word on the second line.
- K is the distance from the vertical center of the sign to the right edge of the hyphen 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 left edge of the second word on the second line.
- Q is the distance from the vertical center of the sign to the right edge of the second 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 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 width of the first word on the fifth line.
- W is the space between the words on the fifth line.
- X is the width of the second word on the fifth line.
- Y is the corner radius.

D9-18dP: Rural Interchange General Services (up to 3 symbols) (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 symbols to the top of the plaque and from the bottom of the symbols to the bottom of the plaque.
- E is the width and height of each symbol.
- F is the space between the symbols.
- G is the distance from the vertical center of the sign to the left and right edges of the food symbol.
- H is the corner radius.

D9-18eP: Rural Interchange General Services (1 line) (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 distance from the vertical center of the plaque to the left and right edges of the line on the plaque.
- G is the width of the words on the line.
- H is the width of the hyphen and the space between the hyphen and the words.
- J is the corner radius.

D9-18fP: Rural Interchange General Services (2 lines) (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 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 each line.
- F is the space between the lines.
- G is the distance from the vertical center of the plaque to the left and right edges of the first line,
- H is the width of the first word on the first line.
- J is the width of the hyphen and the space between the hyphen and the words on the first line.
- K is the width of the second 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 width of the second line.
- N is the corner radius.

D9-19: Alternative Fuels Corridor

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

D9-19aP: Alternative Fuels Corridor (1 line) (plaque)

First 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 edge of the text to the top of the plaque and from the bottom edge of the word to the bottom of the plaque.
- E is the letter height and FHWA standard font for the first plaque.
- F is the distance from the vertical center of the first plaque to the left and right edges of the line on the first plaque.
- G is the width of the first word on the first plaque.
- H is the space between the right edge of the first word and the left edge of the first hyphen, and the space between the right edge of the second word and the left edge of the second hyphen on the first plaque.
- J is the width of the hyphens on the first plaque.
- K is the space between the right edge of the first hyphen and the left edge of the second word, and the right edge of the second hyphen and the left edge of the third word on the first plaque, and the width of the hyphens on the second plaque.
- L is the width of the second word on the first plaque.
- M is the width of the third word on the first plaque.
- N is the corner radius.

Second 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 edge of the text to the top of the plaque and from the bottom edge of the word to the bottom of the plaque.
- K is the space between the right edge of the first hyphen and the left edge of the second word, and the right edge of the second hyphen and the left edge of the third word on the first plaque, and the width of the hyphens on the second plaque.
- N is the corner radius.
- P is the letter height and FHWA standard font for the second plaque.
- Q is the distance from the vertical center of the second plaque to the left and right edges of the line on the second plaque.
- R is the width of the first word on the second plaque.
- S is the space between the right edge of the first word and the left edge of the second hyphen, and the space between the right edge of the second word and the left edge of the second hyphen on the second plaque.
- T is the width of the second word on the second plaque.
- U is the width of the third word on the second plaque.

D9-19bP: Alternative Fuels Corridor (2 lines) (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 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 each line.
- F is the space between the lines.
- G is the width of the first word on the first line.
- H is the space between the first word and the first hyphen on the first line.
- J is the width of each hyphen on each line and the space between the hyphen and the words on the second line.
- K is the space between the hyphens and the second and third words on the first line.
- L is the width of the second word on the first line.
- M is the width of the third word on the first line.
- N is the width of the first word on the second line.
- P is the width of the second word on the second line.
- Q is the corner radius.

D9-20: Pharmacy

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the distance from the vertical center of the sign to the left edge of the symbol.
- F is the distance from the vertical center of the sign to the right edge of the symbol.
- G is the corner radius.

D9-20aP: 24-Hour (plaque)

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the border width.
- D is 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 number on the line.
- G is the distance from the vertical center to the right edge of the number on the line.
- H is the distance from the vertical center to the left edge of the second word on the line.
- J is the width of the second word on the line.
- K is the corner radius.

D9-21: Telecommunication Device for the Deaf

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the corner radius.

D9-22: Wireless Internet

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the corner radius.

D10-1: Reference Location (1 digit)

- 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 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 and right edge of the second line.
- L is the corner radius.

D10-1a: Intermediate Reference Location (2 digits)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and the dividing line 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 narrow font for the first line.
- F is the space between the first and second lines.
- G is the letter height and FHWA standard font for the second and third lines.
- H is the distance from the top edge of the dividing line to the bottom of the second line and the distance from the bottom edge 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 second line.
- M is the distance from the vertical center of the sign to the left and right edges of the third line.
- N is the corner radius.

D10-2: Reference Location (2 digits)

- 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 the first line.
- F is the space between the first and second lines.
- 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 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 second line.
- M is the distance from the vertical center of the sign to the left and right edges of the third line.
- N is the corner radius.

D10-2a: Intermediate Reference Location (3 digits)

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

D10-3: Reference Location (3 digits)

- 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 the first line.
- F is the space between the first and second line.
- 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 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 second line.
- M is the distance from the vertical center of the sign to the left and right edges of the third line.
- N is the distance from the vertical center of the sign to the left and right edges of the fourth line.
- P is the corner radius.

D10-3a: Intermediate Reference Location (4 digits)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and dividing line 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 first and second line.
- G is the letter height and FHWA standard font for the second, third, fourth, and fifth lines.
- H is the space between the second, third, and fourth lines.
- J is the distance from the bottom of the fourth line to the top of the dividing line and from the bottom of the dividing line to the top of the fifth 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 and right edges of the second line.
- N is the distance from the vertical center of the sign to the left and right edges of the third line.
- P is the distance from the vertical center of the sign to the left and right edges of the fourth line.
- Q is the distance from the vertical center of the sign to the left and right edges of the fifth line.
- R is the corner radius.

D10-4: Enhanced Reference Location

- 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 last three letters of the first line to the top of the sign.
- E is the letter height and FHWA standard font for the last three letters of the word on the first line.
- F is the space between the first, second, and third lines.
- G is the height of the symbol.
- H is the letter height and FHWA standard font for the third line.
- J is the space between the third and fourth lines.
- K is the letter height and FHWA standard font for the fourth line.
- L is the distance from the bottom of the last line to the bottom of the sign
- M is the letter height and FHWA standard font for the first letter 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 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 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 distance from the vertical center of the sign to the left edge of the word “EAST.”
- U is the distance from the vertical center of the sign to the right edge of the word “EAST.”
- V is the distance from the vertical center of the sign to the left and right edges of the words “NORTH” and “SOUTH.”
- W is the corner radius.

D10-5: Intermediate Enhanced Reference Location

- 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 last three letters of the first line to the top of the sign.
- E is the letter height and FHWA standard font for the last three letters of the word on the first line.
- F is the space between the first, second, and third lines.
- G is the height of the symbol.
- H is the letter height and FHWA standard font for the third line.
- J is the space between the third and fourth lines.
- K is the letter height and FHWA standard font for the fourth line.
- L is the distance from the bottom of the fourth line to the top of the dividing line and from the top of the last line to the bottom of the dividing line.
- M is the letter height and FHWA standard font for the last line.
- N is the distance from the bottom of the last line to the bottom of the sign.
- P is the letter height and FHWA standard font for the first letter 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 first line and of the word "SOUTH."
- 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.
- V is the distance from the vertical center of the sign to the left edge of the word "EAST."
- W is the distance from the vertical center of the sign to the right edge of the word "EAST."
- X is the distance from the vertical center of the sign to the left edge of the word "WEST."
- Y is the distance from the vertical center of the sign to the right edge of the word "WEST."
- Z is the corner radius.

D11-1: Bike Route

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

D11-1bP: Bike Route (plaque)

- 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 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 width of the first word.
- G is the space between the words.
- H is the distance from the vertical center of the sign to the left edge of the second word.
- J is the distance from the vertical center of the sign to the right edge of the second word.
- K is the corner radius.

D11-1c: Bike Route with Destination

- 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.
- E is the height of the symbol.
- F is the space between the symbol and the line.
- G is the letter height and FHWA standard font for the second word.
- H is the distance from the bottom of the line to the bottom of the sign.
- J is the letter height and FHWA standard font for the first word.
- 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 left edge of the first word to the left edge of the sign and the right edge of the second word to the right edge of the sign.
- M is the width of the first word.
- N is the space between the words.
- P is the width of the second word.
- Q is the corner radius.

D11-10a: Shared-Use Path Destination (1 line)

- 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 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 the line.
- F is the distance from the tip of the arrowhead to the left edge of the sign and the distance from the right edge of the word to the right edge of the sign.
- G is the length of the arrow.
- H is the space between the arrow and the bicycle symbol, the space between the bicycle symbol and the pedestrian symbol, and the space between the pedestrian symbol and the word.
- J is the width of the bicycle symbol.
- K is the width of the pedestrian symbol.
- L is the width of the word.
- M is the width of the arrowhead.
- N is the height of the bicycle symbol.
- P is the height of the pedestrian symbol.
- Q is the corner radius.

D11-10b: Shared-Use Path Destination (2 lines)

- 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 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 the lines.
- F is the distance from the bottom of the first line to the top of the dividing line.
- G is the distance from the top of the arrow on the second line to the top of the dividing line.
- H is the width of the arrowheads.
- J is the distance from the bottom of the bicycle symbol on the second line to the bottom of the sign.
- K is the height of the bicycle symbol.
- L is the height of the pedestrian symbols.
- M is the distance between the right edge of the word on the first line and the right edge of the sign.
- N is the length of the arrow.
- P is the space between the arrow and the pedestrian symbol and between the pedestrian symbol and the word on the first line, and the space between the bicycle symbol and the pedestrian symbol, and the pedestrian symbol and the word, and the word and the arrow on the second line.
- Q is the width of the pedestrian symbol.
- R is the length of the word on the first line.
- S is the distance from the left edge of the bicycle symbol to the left edge of the sign.
- T is the width of the bicycle symbol.
- U is the width of the word on the second line.
- V is the corner radius.

D11-10c: Shared-Use Path Destination (3 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and dividing line width.
- D is the distance from the top of the first line to the top of the sign, the bottom of the second line to the top of the second dividing line, 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 the lines.
- F is the distance from the bottom of the first line to the top of the first dividing line, the top of the second line to the bottom of the first dividing line, the bottom of the arrow on the second line to the top of the second dividing line, and from the top of the arrow on the third line to the bottom of the second dividing line.
- G is the width of the arrowheads.
- H is the distance from the top of the arrow on the first line to the top of the sign, and the bottom of the bicycle symbol on the third line to the bottom of the sign.
- J is the height of the bicycle symbols.
- K is the distance from the bottom of the arrow on the first line to the top of the first dividing line, and the top of the bicycle symbol on the third line to the bottom of the second dividing line.
- L is the length of the arrows.
- M is the height of the pedestrian symbols.
- N is the space between the arrow, the bicycle symbol, and the pedestrian symbol, and the word on the first line, the space between the arrow, the pedestrian symbol, and the word on the second line, and the space between the bicycle symbol, the pedestrian symbol, the word, and the arrow on the third line.
- P is the width of the bicycle symbols.
- Q is the width of the pedestrian symbols.
- R is the width of the word on the first line.
- S is the distance between the right edge of the word on the first and second lines and the right edge of the sign.
- T is the width of the word on the second line.
- U is the distance from the left edge of the bicycle symbol on the third line to the left edge of the sign, and the right edge of the arrow on the third line to the right edge of the sign.
- V is the width of the word on the third line.
- W is the corner radius.

D11-10d: Shared-Use Path Destination and Distance (1 line)

- 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 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 the line.
- F is the distance from the tip of the arrowhead to the left edge of the sign and the distance from the right edge of the word to the right edge of the sign.
- G is the length of the arrow.
- H is the space between the arrow and the bicycle symbol, the space between the bicycle symbol and the pedestrian symbol, and the space between the pedestrian symbol and the word.
- J is the width of the bicycle symbol.
- K is the width of the pedestrian symbol.
- L is the width of the first word.
- M is the space between the word and number on the line.
- N is the width of the second word.
- P is the width of the arrowhead.
- Q is the height of the bicycle symbol.
- R is the height of the pedestrian symbol.
- S is the corner radius.

D11-10e: Shared-Use Path Destination and Distance (2 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and the width of the dividing line.
- D is the distance from the top of the first line to the top of the sign and from the bottom of the arrowhead on the second 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 bottom of the words on the first line to the top of the dividing line.
- G is the distance from the top of the arrowhead on the second line to the bottom of the dividing line, and the width of the arrowhead on the first line.
- H is the width of the arrowhead on the second line.
- J is the distance from the bottom of the bicycle on the second line to the bottom of the sign.
- K is the height of the bicycle symbol.
- L is the height of the pedestrian symbol.
- M is the distance from the left edge of the arrow on the first line to the left edge of the sign.
- N is the length of the arrows.
- P is the space between the arrow on the first line and the pedestrian symbol, the space between the pedestrian symbol and the first word on the first line, and the space between the bicycle symbol on pedestrian symbol, the pedestrian symbol and the word, and the space between the last word and the arrow on the second line.
- Q is the width of the pedestrian symbols.
- 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 width of the second word on both lines.
- U is the space between the left edge of the bicycle symbol and the left edge of the sign, and the right edge of the arrow and the right edge of the sign on the second line.
- V is the width of the bicycle symbols.
- W is the width of the first word on the second line.
- X is the space between the words on the second line.
- Y is the corner radius.

D11-10f: Shared-Use Path Destination and Distance (3 lines)

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign.
- C is the border width and the width of the dividing lines.
- D is the distance from the top of the first line to the top of the sign and from the bottom of the arrowhead on the third 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 bottom of the words on the first line to the top of the dividing line, the top of the second line to the bottom of the dividing line, the bottom of the second line to the top of the second dividing line, and the top of the arrow to the bottom of the second dividing line.
- G is the width of the arrowheads.
- H is the distance from the bottom of the pedestrian symbol on the third line to the bottom of the sign.
- J is the height of the pedestrian symbol.
- K is the distance from the tip of the arrowhead on the first line to the top of the sign, and the bottom of the bicycle symbol on the third line to the bottom of the sign.
- L is the height of the bicycle symbol.
- M is the distance from the bottom of the arrow on the first line to the top of the dividing line, and from the top of the bicycle symbol on the third line to the bottom of the second dividing line.
- N is the length of the arrows.
- P is the space between the arrow and the bicycle symbol, the bicycle symbol and the pedestrian symbol, the pedestrian symbol and the first word on the first line, the arrow and the pedestrian symbol, the pedestrian symbol and the first word , and the first word and the second word on the second line, the bicycle symbol and the pedestrian symbol, the pedestrian symbol and the first word on the third line.
- Q is the width of the bicycle symbols.
- R is the width of the pedestrian symbols.
- S is the width of the first word on the first line.
- T is the space between the words on the first line.
- U is the width of the second word on the first line.
- V is the distance from the right edge of the last word on the first line to the right edge of the sign.
- W is the distance between the left edge of the arrow and the left edge of the sign, and the right edge of the last word and the right edge of the sign on the second line.
- X is the width of the first and second word on the second line.
- Y is the space between the second word and the third word on the second line.
- Z is the width of the last word on the second line.
- AA is the distance from the left edge of the bicycle symbol on the third line to the left edge of the sign.
- BB is the width of the first word on the third line.
- CC is the space between the words on the third line.
- DD is the width of the last word on the third line.

- EE is the space between the last word and the arrow symbol on third line.
- FF is the distance from the right edge of the arrow on the third line to the right edge of the sign.
- GG is the corner radius.

D11-11: Bicycles Directional

- A is the length of each edge of the sign.
- B is the border width.
- C is the distance from the top of the symbol to the top of the sign and the bottom of the symbol to the bottom of the sign.
- D is the height of the symbol.
- E is the corner radius.

D11-12: Pedestrians Directional

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the corner radius.

D11-13: Skaters Directional

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the corner radius.

D11-14: Equestrians Directional

- A is the length of each edge of the sign.
- B is the border width.
- C 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.
- D is the height of the symbol.
- E is the corner radius.

D11-20: Bicycle Left Turn May Use Turn Box – Sheet 1

D11-20L

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

D11-20: Bicycle Left Turn May Use Turn Box – Sheet 2

D11-20R

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

D11-20a: Bicycle Left Turn Box (with arrow, oblique) – Sheet 1

D11-20aL

- 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.
- E is the height of the bicycle symbol.
- F is the space between the bicycle symbol and the second line.
- 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 space between the fourth line and the arrow.
- 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 distance from the vertical center of the sign to the right edge of the of the arrow.
- S is the width of the arrowhead.
- T is the length of the arrow.
- U is the corner radius.

D11-20a: Bicycle Left Turn Box (with arrow, oblique) – Sheet 2

D11-20aR

- 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.
- E is the height of the bicycle symbol.
- F is the space between the bicycle symbol and the second line.
- 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 space between the fourth line and the arrow.
- 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 distance from the vertical center of the sign to the right edge of the of the arrow.
- S is the width of the arrowhead.
- T is the length of the arrow.
- U is the corner radius.

D12-1: Radio-Weather Information

- 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.
- E is the height of the numbers on the fourth line.
- F is the space between the first and second lines.
- G is the height of the letters on the third and fourth lines.
- H is the space between the second and third and third and fourth lines and the space between the words on the second line.
- J is the distance from the top of the letters to the top of the numbers on the third and fourth lines.
- K is the distance from the bottom of the last line to the bottom of the sign and 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 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 width of the second word on the first line.
- P is the width 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 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 left and right edges of the third line.
- U is the width of the first number on the third line.
- V is the space between the first and second and third and fourth words on the third line and between the words on the fourth line.
- W is the width of the letters on the third line.
- X is the space between the second and third words on the third line.
- Y is the width of the third word on the third line.
- Z is the distance from the vertical center of the sign to the left and right edges of the fourth line.
- AA is the width of the numbers on the fourth line.
- BB is the width of the letters on the fourth line.
- CC is the corner radius.

D12-1a: Radio-Traffic Information

- 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 the first line and for the first word on the last line.
- F is the space between the lines.
- G is the letter height and FHWA standard font for the second line and for the second word on the last line.
- H is the distance from the top of the first word on the last line to the top of the second word on the last line.
- 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 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 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 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 left and right edges of the last line.
- U is the width of the first word on the last line.
- V is the space between the words on the last line.
- W is the width of the second word on the last line.
- X is the corner radius.

D12-1bP: Urgent Message When Flashing (plaque)

- A is the horizontal dimension of the plaque.
- B is the vertical dimension of the plaque.
- C is the inset from the edge of the plaque to the border.
- D is the border width.
- E is the distance from the top of the first line to the top of the plaque and from the bottom of the last line to the bottom of the plaque.
- F is the letter height and FHWA standard font for each line.
- G is the space between the lines.
- H is the 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 last line.
- N is the space between the words on the last 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.

D12-2: Carpool Information

- 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.
- E is the letter height and FHWA standard font for each line.
- F is the space between lines.
- G is the distance from the bottom of the last line to the bottom of the sign.
- 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 and right edges of the word on the second line.
- N is the width of the first word on the last line.
- P is the distance from the vertical center of the sign to the right edge of the first word on the last line.
- Q is the distance from the vertical center of the sign to the left edge of the second word on the last line.
- R is the width of the second word on the last line.
- S is the corner radius.

D12-3: Channel 9 Monitored

- 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, from the bottom of the last line to the bottom of the sign, and the space between the words on the last line.
- 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 second line
- J is the width 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 and right edges of the word on the third line.
- N is the width of the first word on the last line.
- P is the width of the second word on the last line.
- Q is the width of the third word on the last line.
- R is the corner radius.

D12-4: Emergency Call 911

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

D12-5: Travel Info Call 511 (Pictograph)

- 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.
- E is the height of the symbol.
- F is the space between the lines.
- G is the letter height and FHWA standard font for the second and third lines and the first word on the last line.
- H is the letter height and FHWA standard font for the second word on the last 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 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.
- M 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 first word on the last line.
- Q is the distance from the vertical center of the sign to the right edge of the first word on the last line.
- R is the space between words on the last line.
- S is the width of the second word on the last line.
- T is the corner radius.

D12-5a: Travel Info Call 511

- 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, from the bottom of the last line to the bottom of the sign, and the space between the lines.
- 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 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 edge of the first word on the last line.
- L is the distance from the vertical center of the sign to the right edge of the first word on the last line.
- M is the space between the words on the last line.
- N is the width of the second word on the last line.
- P is the corner radius.

D12-6: Roadside Assistance

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

D13-1: Crossover (Directional)

- 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.
- E is the letter height and FHWA standard font for the first line.
- F is the space between the lines.
- G is the distance from the bottom of the last line to the bottom of the sign.
- 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 second line.
- L is the width of the arrowhead.
- M is the corner radius.

D13-2: Advance Crossover

- 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 second word on the last line to the bottom of the sign.
- E is the letter height and FHWA standard font for the words and numbers on each line.
- F is the space between the word on the first line and word on the second line.
- G is the distance from the bottom of the fraction on the last line to the bottom of the sign.
- H is the height of the fraction on the last line.
- J is the space between the word on the first line and the fraction on the second 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 and right edges of the last line.
- N is the width of the fraction.
- P is the space between the words on the last line.
- Q is the width of the second word on the last line.
- R is the corner radius.

D13-3: Freeway Entrance – Sheet 1

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

D13-3: Freeway Entrance – Sheet 2

- 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.
- 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 bottom of the last line to the bottom of the sign.
- 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 last word.
- L is the corner radius.

D13-3: Freeway Entrance – Sheet 3

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

D13-3a: Freeway Entrance (Directional) – Sheet 1

- 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.
- E is the letter height and FHWA standard font for the lines.
- F is the space between the lines.
- G is the space between the second line and the arrow.
- 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 distance from the vertical center of the sign to the right edge of the arrow.
- L is the length of the arrow.
- M is the width of the arrowhead.
- N is the corner radius.

D13-3a: Freeway Entrance (Directional) – Sheet 2

- 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.
- E is the letter height and FHWA standard font for the lines.
- F is the space between the lines.
- G is the space between the second line and the arrow.
- 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 right edge of the arrow.
- M is the length of the arrow.
- N is the width of the arrowhead.
- P is the corner radius.

D13-3a: Freeway Entrance (Directional) – Sheet 3

- 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.
- E is the letter height and FHWA standard font for the lines.
- F is the space between the lines.
- G is the space between the second line and the arrow.
- 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 distance from the vertical center of the sign to the right edge of the arrow.
- L is the length of the arrow.
- M is the width of the arrowhead.
- N is the corner radius.

D15-1: Combination Lane Use / Destination

- 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.
- E is the letter height and FHWA standard font for the lines.
- F is the space between the lines.
- G is the space between the second line and the white panel.
- H is the height of the white panel.
- J is the distance from the bottom of the white panel 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 corner radius.

D17-1: Next Truck Lane XX Miles

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

D17-2: Advanced Truck Lane

- 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 on the sign and the numerator on the fraction on the third line.
- F is the space between the lines.
- G is the distance from the bottom of the fraction on the third line to the bottom of the sign.
- H is the height of the fraction on the third line.
- J is the distance from the bottom of the second line to the top of the fraction on the third 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 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 third line.
- P is the distance from the left edge of the third line to the left edge of the sign and the right edge of the third line to the right edge of the sign.
- Q is the width of the fraction on the third line.
- R is the space between the fraction and the word on the third line.
- S is the width of the word on the third line.
- T is the corner radius.

D17-3: Next Passing Lane

- 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 second word on the last line to the bottom of the sign.
- E is the letter height and FHWA standard font for the first, second, and third lines, and the second word on the last line.
- F is the space between the first, second, and third lines, and between the third line and the second word on the last line.
- G is the distance from the bottom of the first word on the last line to the bottom of the sign.
- H is letter height and FHWA standard font for the first word on the last line.
- J is the space between the third line and the first word on the last 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 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 last line.
- R is the distance from the left edge of the first word on the last line to the left edge of the sign and from the right edge of the second word on the last line to the right edge of the sign.
- S is the width of the first word on the last line.
- T is the space between the words on the last line.
- U is the width of the second word on the last line.
- V is the corner radius.

D17-4: Advance Passing Lane

- 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 second word on the last line to the bottom of the sign.
- E is the letter height and FHWA standard font for the first and second lines, and the numbers and words on the last line.
- F is the space between the first and second lines, and between the second line and the second word on the last line.
- G is the distance from the bottom of the first word on the last line to the bottom of the sign.
- H is the height of the fraction on the last line.
- J is the space between the second line and the first word on the last 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 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 last line.
- P is the distance from the left edge of the first word on the last line to the left edge of the sign and from the right edge of the second word on the last line to the right edge of the sign.
- Q is the width of the first word on the last line.
- R is the space between the words on the last line.
- S is the width of the second word on the last line.
- T is the corner radius.

D17-5: Advance Emergency Turn-Out

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

D17-6: Emergency Turn-Out (Directional)

- 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.
- E is the letter height and FHWA standard font for the first and second lines.
- F is the space between the first and second lines.
- G is the space between the second and third lines.
- H is the distance from the bottom of the last line to the bottom of the sign.
- 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 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 hyphen on the second line.
- P is the width of the hyphen and the space between the hyphen and the second word on the second line.
- 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 right edge of the arrow.
- S is the width of the arrowhead.
- T is the length of the arrow.
- U is the corner radius.

D17-7: Advance Slow Vehicle Turn-Out

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

E1-1: Interchange Advance Guide (1 destination) – Sheet 1

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

E1-1: Interchange Advance Guide (1 destination) – Sheet 2

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

E1-2: Interchange Advance Guide (2 destinations) – Sheet 1

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

E1-2: Interchange Advance Guide (2 destinations) – Sheet 2

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

E1-3: Interchange Advance Guide (3 destinations) – Sheet 1

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

E1-3: Interchange Advance Guide (3 destinations) – Sheet 2

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

E1-5P: Exit Number (1, 2 digits) (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 second word to the top of the plaque and from the bottom of the second word to the bottom of the plaque.
- E is the letter height and FHWA standard font for the second word.
- F is the distance from the top of the first word to the top of the plaque and from the bottom of the first word to the bottom of the plaque.
- G is the letter height and FHWA standard font for the first word on the plaque.
- H is the distance from the left edge of the first word to the left edge of the plaque and from the right edge of the second word to the right edge of the plaque.
- J is the width of the first word.
- K is the space between the words.
- L is the width of the second word.
- M is the corner radius.

E1-5aP: Exit Number (3 digits) (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 second word to the top of the plaque and from the bottom of the second word to the bottom of the plaque.
- E is the letter height and FHWA standard font for the second word.
- F is the distance from the top of the first word to the top of the plaque and from the bottom of the first word to the bottom of the plaque.
- G is the letter height and FHWA standard font for the first word on the plaque.
- H is the distance from the left edge of the first word to the left edge of the plaque and from the right edge of the second word to the right edge of the plaque.
- J is the width of the first word.
- K is the space between the words.
- L is the width of the second word.
- M is the corner radius.

E1-5bP: Exit Number (1, 2 digits with single-letter suffix) (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 second and third words to the top of the plaque and from the bottom of the second and third words to the bottom of the plaque.
- E is the letter height and FHWA standard font for the second and third words.
- F is the distance from the top of the first word to the top of the plaque and from the bottom of the first word to the bottom of the plaque.
- G is the letter height and FHWA standard font for the first word on the plaque.
- H is the distance from the left edge of the first word to the left edge of the plaque and from the right edge of the third word to the right edge of the plaque.
- J is the width of the first word.
- K is the space between the first and second words.
- L is the width of the second word.
- M is the space between the second and third words.
- N is the width of the third word.
- P is the corner radius.

E1-5cP: Exit Number (3 digits with single-letter suffix) (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 second and third words to the top of the plaque and from the bottom of the second and third words to the bottom of the plaque.
- E is the letter height and FHWA standard font for the second and third words.
- F is the distance from the top of the first word to the top of the plaque and from the bottom of the first word to the bottom of the plaque.
- G is the letter height and FHWA standard font for the first word on the plaque.
- H is the distance from the left edge of the first word to the left edge of the plaque and from the right edge of the third word to the right edge of the plaque.
- J is the width of the first word.
- K is the space between the first and second words.
- L is the width of the second word.
- M is the space between the second and third words.
- N is the width of the third word.
- P is the corner radius.

E1-5dP: Exit Number (1, 2 digits with dual-letter suffix) (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 second, third, and fourth words to the top of the plaque and from the bottom of the second, third, and fourth words to the bottom of the plaque.
- E is the letter height and FHWA standard font for the second, third, and fourth words.
- F is the distance from the top of the first word to the top of the plaque and from the bottom of the first word to the bottom of the plaque.
- G is the letter height and FHWA standard font for the first word on the plaque.
- H is the distance from the left edge of the first word to the left edge of the plaque and from the right edge of the fourth word to the right edge of the plaque.
- J is the width of the first word.
- K is the space between the first and second words.
- L is the width of the second word.
- M is the space between the second and third words.
- N is the width of the third word.
- P is the space between the third word and hyphen.
- Q is the width of the hyphen.
- R is the space between the hyphen and fourth word.
- S is the width of the fourth word.
- T is the corner radius.

E1-5eP: Exit Number (3 digits with dual-letter suffix) (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 second, third, and fourth words to the top of the plaque and from the bottom of the second, third, and fourth words to the bottom of the plaque.
- E is the letter height and FHWA standard font for the second, third, and fourth words.
- F is the distance from the top of the first word to the top of the plaque and from the bottom of the first word to the bottom of the plaque.
- G is the letter height and FHWA standard font for the first word on the plaque.
- H is the distance from the left edge of the first word to the left edge of the plaque and from the right edge of the fourth word to the right edge of the plaque.
- J is the width of the first word.
- K is the space between the first and second words.
- L is the width of the second word.
- M is the space between the second and third words.
- N is the width of the third word.
- P is the space between the third word and hyphen.
- Q is the width of the hyphen.
- R is the space between the hyphen and fourth word.
- S is the width of the fourth word.
- T is the corner radius.

E1-5fP: Left Exit Number (1, 2 digits) (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 bottom of the yellow panel to the top of the plaque.
- E is the space between the yellow panel and the second word on the last line.
- F is the letter height and FHWA standard font for the second word on the last line.
- G is the distance from the bottom of the second word on the last line to the bottom of the plaque.
- H is the distance from the bottom of the first word on the last line to the bottom of the plaque.
- J is the letter height and FHWA standard font for the first word on the last line.
- K is the space between the yellow panel and the first word on the last line.
- L is the height of the panel.
- M is the distance from the top of the panel to the top of the plaque.
- N is the distance from the vertical center of the panel to the left and right edges of the panel.
- P is the distance from the left edge of the first word on the last line to the left edge of the plaque and the from the right edge of the second word on the last line to the right edge of the plaque.
- Q is the distance from the vertical center of the panel to the left edge of the first word on the last line.
- R is the distance from the vertical center of the panel to the right edge of the first word on the last line.
- S is the space between the words on the last line.
- T is the width of the second word on the last line.
- U is the corner radius.

E1-5gP: Left Exit Number (3 digits) (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 bottom of the yellow panel to the top of the plaque.
- E is the space between the yellow panel and the second word on the last line.
- F is the letter height and FHWA standard font for the second word on the last line.
- G is the distance from the bottom of the second word on the last line to the bottom of the plaque.
- H is the distance from the bottom of the first word on the last line to the bottom of the plaque.
- J is the letter height and FHWA standard font for the first word on the last line.
- K is the space between the yellow panel and the first word on the last line.
- L is the height of the panel.
- M is the distance from the top of the panel to the top of the plaque.
- N is the distance from the vertical center of the panel to the left and right edges of the panel.
- P is the distance from the left edge of the first word on the last line to the left edge of the plaque and the from the right edge of the second word on the last line to the right edge of the plaque.
- Q is the distance from the vertical center of the panel to the left edge of the first word on the last line.
- R is the distance from the vertical center of the panel to the right edge of the first word on the last line.
- S is the space between the words on the last line.
- T is the width of the second word on the last line.
- U is the corner radius.

E1-5hP: Left Exit Number (1, 2 digits with single-letter suffix) (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 bottom of the yellow panel to the top of the plaque.
- E is the space between the yellow panel and the second and third words on the last line.
- F is the letter height and FHWA standard font for the second and third words on the last line.
- G is the distance from the bottom of the second and third words on the last line to the bottom of the plaque.
- H is the distance from the bottom of the first word on the last line to the bottom of the plaque.
- J is the letter height and FHWA standard font for the first word on the last line.
- K is the space between the yellow panel and the first word on the last line.
- L is the height of the panel.
- M is the distance from the top of the panel to the top of the plaque.
- N is the distance from the vertical center of the panel to the left and right edges of the panel.
- P is the distance from the left edge of the first word on the last line to the left edge of the plaque and the from the right edge of the second word on the last line to the right edge of the plaque.
- Q is the distance from the vertical center of the panel to the left edge of the first word on the last line.
- R is the distance from the vertical center of the panel to the right edge of the first word on the last line.
- S is the space between the first and second words on the last line.
- T is the width of the second word on the last line.
- U is the space between the second and third words on the last line.
- V is the width of the third word on the last line.
- W is the corner radius.

E1-5iP: Left Exit Number (3 digits with single-letter suffix) (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 bottom of the yellow panel to the top of the plaque.
- E is the space between the yellow panel and the second and third words on the last line.
- F is the letter height and FHWA standard font for the second and third words on the last line.
- G is the distance from the bottom of the second and third words on the last line to the bottom of the plaque.
- H is the distance from the bottom of the first word on the last line to the bottom of the plaque.
- J is the letter height and FHWA standard font for the first word on the last line.
- K is the space between the yellow panel and the first word on the last line.
- L is the height of the panel.
- M is the distance from the top of the panel to the top of the plaque.
- N is the distance from the vertical center of the panel to the left and right edges of the panel.
- P is the distance from the left edge of the first word on the last line to the left edge of the plaque and the from the right edge of the second word on the last line to the right edge of the plaque.
- Q is the distance from the vertical center of the panel to the left edge of the first word on the last line.
- R is the distance from the vertical center of the panel to the right edge of the first word on the last line.
- S is the space between the first and second words on the last line.
- T is the width of the second word on the last line.
- U is the space between the second and third words on the last line.
- V is the width of the third word on the last line.
- W is the corner radius.

E1-5jP: Left Exit Number (1, 2 digits with dual-letter suffix) (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 bottom of the yellow panel to the top of the plaque.
- E is the space between the yellow panel and the second, third, and fourth words on the last line.
- F is the letter height and FHWA standard font for the second, third, and fourth words on the last line.
- G is the distance from the bottom of the second, third, and fourth words on the last line to the bottom of the plaque.
- H is the distance from the bottom of the first word on the last line to the bottom of the plaque.
- J is the letter height and FHWA standard font for the first word on the last line.
- K is the space between the yellow panel and the first word on the last line.
- L is the height of the panel.
- M is the distance from the top of the panel to the top of the plaque.
- N is the distance from the vertical center of the panel to the left and right edges of the panel.
- P is the distance from the left edge of the first word on the last line to the left edge of the plaque and the from the right edge of the fourth word on the last line to the right edge of the plaque
- Q is the distance from the vertical center of the panel to the left and right edges of the first word on the last line.
- R is the space between the first and second words on the last line.
- S is the width of the second word on the last line.
- T is the space between the second and third words on the last line.
- U is the width of the third word on the last line.
- V is the space between the third word and hyphen on the last line.
- W is the width of the hyphen on the last line.
- X is the space between the hyphen and fourth word on the last line.
- Y is the width of the fourth word on the last line.
- Z is the corner radius.

E1-5kP: Left Exit Number (3 digits with dual-letter suffix) (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 bottom of the yellow panel to the top of the plaque.
- E is the space between the yellow panel and the 3-digit number with dual-letter suffix on the last line.
- F is the letter height and FHWA standard font for the 3-digit number with dual-letter suffix on the last line.
- G is the distance from the bottom of the 3-digit number with dual-letter suffix on the last line to the bottom of the plaque.
- H is the distance from the bottom of the word on the last line to the bottom of the plaque.
- J is the letter height and FHWA standard font for the word on the last line.
- K is the space between the yellow panel and the word on the last line.
- L is the height of the panel.
- M is the distance from the top of the panel to the top of the plaque.
- N is the distance from the vertical center of the panel to the left and right edges of the panel.
- P is the distance from the left edge of the word on the last line to the left edge of the plaque and from the right edge of the last letter on the last line to the right edge of the plaque
- Q is the distance from the vertical center of the panel to the left and right edges of the word on the last line.
- R is the space between the word and exit number on the last line.
- S is the width of the exit number on the last line.
- T is the space between the exit number and first letter in the dual-letter suffix on the last line.
- U is the width of the first letter in the dual-letter suffix on the last line.
- V is the space between the first letter in the dual-letter suffix and hyphen on the last line.
- W is the width of the hyphen on the last line.
- X is the space between the hyphen and second letter in the dual-letter suffix on the last line.
- Y is the width of the second letter of the dual-letter suffix on the last line.
- Z is the corner radius.

E1-5mP: Left (plaque)

- A is the horizontal dimension of 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 and right edges of the word.
- H is the corner radius.

E2-1P: Next Exit (2 lines) (plaque)

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

E2-1aP: Next Exit (1 line) (plaque)

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

E3-1: Supplemental (1 destination) – Sheet 1

- A is the horizontal dimension of 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.
- E is the letter height and FHWA standard font for the word on the first line.
- F is the space between the first line and the top of the number on the second line.
- G is the letter height and FHWA standard font for the number.
- H is the distance from the bottom of the number to the bottom of the sign.
- J is the distance from the bottom of the word on the second line to the bottom of the sign.
- K is the letter height and FHWA standard font for 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 first line.
- M is the distance from the vertical center of the sign to the left edge of the word on the second line and the right edge of the number 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 and the left edge of the number on the second line.
- P is the corner radius.

E3-1: Supplemental (1 destination) – Sheet 2

- A is the horizontal dimension of 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.
- E is the letter height and FHWA standard font for the text on the first and second lines.
- F is the space between the first and second lines.
- G is distance from the baseline of the word on the second line to the top of the number on the third line and the distance from the bottom of the number to the bottom of the sign.
- H is the letter height and FHWA standard font for the number.
- J is the distance from the bottom of the word on the third line to the bottom of the sign.
- K is the letter height and FHWA standard font for the word on the third line.
- L is the distance from the vertical center of the sign to the left and right edges of the text 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 and the right edge of the number on the third line.
- P is the space between the number and the word on the third line.
- Q is the corner radius.

E3-1: Supplemental (1 destination) – Sheet 3

- 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 symbol to the top of the second line.
- E is the height of the symbol.
- F is the letter height and FHWA standard font for the second line.
- G is distance from the bottom of the second line to the top of the number on the third line and the distance from the bottom of the number to the bottom of the sign.
- H is the letter height and FHWA standard font for the number.
- J is the distance from the bottom of the word on the third line to the bottom of the sign.
- K is the letter height and FHWA standard font for the word on the third line.
- L is the width of the symbol.
- 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 and the right edge of the number on the third line.
- P is the space between the number and the word on the third line.
- Q is the corner radius.

E3-2: Supplemental (2 destinations) – Sheet 1

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

E3-2: Supplemental (2 destinations) – Sheet 2

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

E4-1: Exit Direction (1 destination) – Sheet 1

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

E4-1: Exit Direction (1 destination) – Sheet 2

- 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 arrow to the top of the sign.
- E is the height of the arrow.
- F is the distance from the bottom of the arrow to the bottom of the sign.
- G is the distance from the bottom of the symbol to the bottom of the sign.
- H is the height for the symbol.
- J is the distance from the top of the symbol to the top of the sign.
- K is the distance from the left edge of the symbol to the left edge of the sign.
- L is the width of the symbol.
- M is the space between the symbol and the arrow on the line.
- N is the width of the arrow.
- P is the distance from the right edge of the arrow to the right edge of the sign.
- Q is the width of the arrowhead.
- R is the corner radius.

E4-1: Exit Direction (1 destination) – Sheet 3

- 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 the space between the lines.
- E is the letter height and FHWA standard font for the line.
- F is the height of the arrow.
- G is the distance from the bottom of the arrow to the bottom of the sign.
- H is the distance from the left edge of the first line to the left edge of the sign.
- J is the distance from the vertical center of the sign to the left and right edges of the first line.
- K is the width of the arrowhead.
- L is the corner radius.

E4-1: Exit Direction (1 destination) – Sheet 4

- 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.
- E is the height of the symbol.
- F is the distance from the bottom of the symbol to the top of the arrow.
- G is the height of the arrow.
- H is the distance from the bottom of the arrow to the bottom of the sign.
- J is the distance from the left edge of the symbol to the left edge of the sign and from the right edge of the symbol to the right edge 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 width of the arrowhead.
- M is the corner radius.

E4-2: Exit Direction (2 destinations) – Sheet 1

- 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 arrow to the top of the sign.
- E is the height of the arrow.
- F is the distance from the bottom of the arrow to the bottom of the sign.
- G is the distance from the top of the first line to the top of the sign and the bottom of the second 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 distance from the left edge of the first line to the left edge of the sign.
- L is the distance from the vertical center of the first line to the left and right edges of the first line.
- M is the space between the first line and the arrow.
- N is the width of the arrow.
- P is the distance from the right edge of the arrow to the right edge of the sign.
- Q is the distance from the vertical center of the second line to the left and right edges of the second line.
- R is the width of the arrowhead.
- S is the corner radius.

E4-2: Exit Direction (2 destinations) – Sheet 2

- 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 arrow to the top of the sign.
- E is the height of the arrow.
- F is the distance from the bottom of the arrow and the bottom of the word to the bottom of the sign.
- G is the letter height and FHWA standard font for the word.
- H is the distance from the bottom of the symbol to the top of the word.
- J is the height of the symbol.
- K is the distance from the top of the symbol to the top of the sign.
- L is the distance from the vertical center of the symbol to the left and right edges of the symbol.
- M is the distance from the left edge of the word to the left edge of the sign.
- N is the distance from the vertical center of the word to the left and right edges of the word.
- P is the distance from the right edge of the word to the left edge of the arrow.
- Q is the width of the arrow.
- R is the distance from the right edge of the arrow to the right edge of the sign.
- S is the width of the arrowhead.
- T is the corner radius.

E4-2: Exit Direction (2 destinations) – Sheet 3

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

E4-2: Exit Direction (2 destinations) – Sheet 4

- 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.
- E is the height of the symbol.
- F is the distance from the bottom of the symbol to the top of the word
- G is the letter height and FHWA standard font for the word.
- H is the distance from the bottom of the word to the top of the arrow.
- J is the height of the arrow.
- K is the distance from the bottom of the arrow 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 left edge of the word to the left edge of the sign and from the right edge of the word to the right edge of the sign.
- N is the distance from the vertical center of the sign to the left and right edges of the word.
- P is the width of the arrowhead.
- Q is the corner radius.

E4-3: Exit Direction (3 destinations) – Sheet 1

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

E4-3: Exit Direction (3 destinations) – Sheet 2

- 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 arrow to the top of the sign.
- E is the height of the arrow.
- F is the distance from the bottom of the arrow to the bottom of the sign.
- G is the distance 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 distance from the top of the first line to the bottom of the symbol.
- L is the height of the symbol.
- M is the distance from the top of the symbol to the top of the sign.
- N is the distance from the vertical center of the symbol to the left and right edges of the symbol.
- P is the distance from the left edge of the word to the left edge of the sign.
- Q is the distance from the vertical center of the first line to the left and right edges of the first line.
- P is the distance from the right edge of the word to the left edge of the arrow.
- S is the width of the arrow.
- T is the distance from the right edge of the arrow to the right edge of the sign.
- U is the distance from the vertical center of the second line to the left and right edges of the second line.
- V is the width of the arrowhead.
- W is the corner radius.

E4-3: Exit Direction (3 destinations) – Sheet 3

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

E4-3: Exit Direction (3 destinations) – Sheet 4

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

E5-1: Exit Gore (no exit number)

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

E5-1a: Exit Gore (1, 2 digits) – Sheet 1

- A is the horizontal dimension of the sign when the exit is one or two digits.
- B is the horizontal dimension of the sign when the exit is three digits.
- C is the vertical dimension of the sign.
- 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 distance from the bottom of the number on the last line to the bottom of the sign.
- J is the letter height and FHWA standard font for the second line.
- K is the distance from the vertical center of the sign to the left and right edges of the first line.
- L is the space between the number and the arrow on the second line.
- M is the width of the number on the second line.
- N is the width of the arrowhead.
- P is the distance from the right edge of the arrow to the right edge of the sign.
- Q is the corner radius.

E5-1a: Exit Gore (1, 2 digits) – Sheet 2

- A is the horizontal dimension of the sign when the exit number is one digit.
- B is the horizontal dimension of the sign when the exit is two digits.
- C is the horizontal dimension of the sign when the exit is three digits.
- D is the vertical dimension of the sign.
- E is the border width.
- F is the distance from the top of the first line to the top of the sign.
- G is the letter height and FHWA standard font for the first line.
- H is the space between the lines.
- J is the distance from the bottom of the text on the last line to the bottom of the sign.
- K is the letter height and FHWA standard font for the second line.
- L is the distance from the vertical center of the sign to the left and right edges of the first line.
- M is the distance from the left edge of the second line to the left edge of the sign and the space between the letter and the arrow on the second line.
- N is the width of the number on the second line.
- P is the space between the number and letter on the second line.
- Q is the width of the letter on the second line.
- R is the width of the arrowhead.
- S is the distance from the right edge of the arrow to the right edge of the sign.
- T is the corner radius.

E5-1a: Exit Gore (1, 2 digits) – Sheet 3

- A is the horizontal dimension of the sign when the exit number is one digit.
- B is the horizontal dimension of the sign when the exit is two digits.
- C is the horizontal dimension of the sign when the exit is three digits.
- D is the vertical dimension of the sign.
- E is the border width.
- F is the distance from the top of the first line to the top of the sign.
- G is the letter height and FHWA standard font for the first line.
- H is the space between the lines.
- J is the distance from the bottom of the text on the last line to the bottom of the sign.
- K is the letter height and FHWA standard font for the second line.
- L is the distance from the vertical center of the sign to the left and right edges of the first line.
- M is the distance from the left edge of the second line to the left edge of the sign and the space between the last letter and the arrow on the second line.
- N is the width of the number on the second line.
- P is the space between the number and the first letter on the second line.
- Q is the width of the first letter on the second line.
- R is the space between the first letter and the dash on the second line.
- S is the width of the dash on the second line.
- T is the space between the dash and the second letter on the second line.
- U is the width of the second letter on the second line.
- V is the width of the arrowhead.
- W is the distance from the right edge of the arrow to the right edge of the sign.
- X is the corner radius.

E5-1bP: Exit Number (plaque) (1, 2 digits) – Sheet 1

- A is the horizontal dimension of the plaque when the exit number is one or two digits.
- B is the horizontal dimension of a three-digit plaque.
- C is the vertical dimension of the plaque.
- D is the border width.
- E is the distance from the top of the line to the top of the plaque and the distance 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 left edge of the number to the left edge of the plaque and the distance from the right edge of the number to the right edge of the plaque.
- H is the distance from the vertical center of the plaque to the left and right edges of the number.
- J is the corner radius.

E5-1bP: Exit Number (plaque) (1, 2 digits) – Sheet 2

- A is the horizontal dimension of the plaque when the exit number is one digit.
- B is the horizontal dimension of the plaque when the exit number is two digits.
- C is the horizontal dimension of the plaque when the exit number is three digits.
- D is the vertical dimension of the plaque.
- E is the border width.
- F is the distance from the top of the line to the top of the plaque and the distance from the bottom of the line to the bottom of the plaque.
- G is the letter height and FHWA standard font for the line.
- H is the distance from the left edge of the line to the left edge of the plaque and the distance from the right edge of the line to the right edge of the plaque.
- J is the width of the number.
- K is the space between the number and the letter.
- L is the width of the letter.
- M is the corner radius.

E5-1bP: Exit Number (plaque) (1, 2 digits) – Sheet 3

- A is the horizontal dimension of the plaque when the exit number is one digit.
- B is the horizontal dimension of the plaque when the exit number is two digits.
- C is the horizontal dimension of the plaque when the exit number is three digits.
- B is the vertical dimension of the plaque.
- E is the border width.
- F is the distance from the top of the line to the top of the plaque and the distance from the bottom of the line to the bottom of the plaque.
- G is the letter height and FHWA standard font for the line.
- H is the distance from the left edge of the line to the left edge of the plaque and the distance from the right edge of the line to the right edge of the plaque.
- J is the length of the first word on the line.
- K is the space between the first word and the second word.
- L is the length of the second word.
- M is the space between the second word and the dash.
- N is the length of the dash.
- P is the space between the dash and the last word.
- Q is the length of the last word.
- R is the corner radius.

E5-1c: Narrow Exit Gore

- 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 line to the top of the sign and the space between the last line and the arrow.
- 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 and right edges of the first line.
- J is the distance from the vertical center of the sign to the left and right edges of the second line.
- K is the width of the arrowhead.
- L is the length of the arrow.
- M is the corner radius.

E6-1: Pull-Through

- 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 last three letters of the word to the top of the sign.
- E is the letter height and FHWA standard font for the last three letters of the word.
- F is the space between the line and the symbol.
- G is the height of the symbol.
- H is the distance from the bottom of the symbol to the bottom of the sign.
- J is the letter height and FHWA standard font for the first letter of the word.
- K is the distance from the top of the first letter of the word to the top of the sign.
- L is the distance from the left edge of the word to the left edge of the sign and from the right edge of the word to the right edge of the sign.
- M is the distance from the vertical center of the sign to the left and right edges of the word.
- N is the corner radius.

E6-1a: Pull-Through (Destination)

- 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.
- E is the letter height and FHWA standard font for the last three letters of the word on the first line.
- F is the distance from the top of the symbol to the top of the sign and from the bottom of the second line to the bottom of the sign.
- G is the letter height and FHWA standard font for the first letter of the word on the second line.
- H is the space between the symbol and the second line.
- J is the height of the symbol.
- K is the distance from the left edge of the symbol to the left edge of the sign and from the right edge of the word on the first line to the right edge of the sign.
- L is the width of the symbol.
- M is the distance from the vertical center of the sign to the right edge of the symbol.
- 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 letter height and FHWA standard font for the first letter of the word on the first line.
- Q is the distance from the left edge of the word on the second line to the left edge of the sign and the right edge of the word on the second line to the right edge of the sign.
- 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 corner radius.

E6-2: Pull-Through (Down Arrows)

- 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 last three letters of the line to the top of the sign.
- E is the letter height and FHWA standard font for the last three letters of the word.
- F is the space between the line and the symbol.
- G is the height of the symbol.
- H is the space between the symbol and the arrow.
- J is the height of the arrow.
- K is the distance from the bottom of the arrow to the bottom of the sign.
- L is the letter height and FHWA standard font for the first letter of the word.
- M is the distance from the top of the line to the top of the sign.
- N is the distance from the left edge of the word to the left edge of the sign and from the right edge of the word to the right edge of the sign.
- P is the distance from the vertical center of the sign to the left and right edges of the word.
- Q is the corner radius.

E6-2a: Pull-Through (Destination, Down Arrows)

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

E7-1: Post-Interchange Distance – Sheet 1

- 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 line to the top of the sign.
- E is the letter height and FHWA standard font for the number on the line.
- F is the distance from the bottom of the line to the bottom of the sign.
- G is the letter height and FHWA standard font for the word on the line.
- H is the distance from the left edge of the line to the left edge of the sign and the right edge of the line to the right edge of the sign.
- J is the width of the word on the line.
- K is the space between the word and the number on the line.
- L is the width of the number on the line.
- M is the corner radius.

E7-1: Post-Interchange Distance – Sheet 2

- 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 line to the top of the sign.
- E is the letter height and FHWA standard font for the line.
- F is the distance from the bottom of the line to the bottom of the sign.
- G is the distance from the top of the white circle to the top of the sign and the bottom of the white circle to the bottom of the sign.
- H is the height of the white circle.
- J is the distance from the left edge of the line to the left edge of the sign and the distance from the right edge of the line to the right edge of the sign.
- K is the width of the white circle.
- L is the space between the white circle and the word on the line.
- M is the width of the word on the line.
- N is the space between the word and the number on the line.
- P is the width of the number on the line.
- Q is the corner radius.

E7-2: Post-Interchange Distance – Sheet 1

- 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 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 numbers on both lines.
- F is the space between the first and second line.
- G is the letter height and FHWA standard font for the words on both lines.
- H is the distance from the left edge of the words on the first and second lines to the left edge of the sign.
- J is width of the first word on the sign.
- K is the space between the word and number on the first line.
- L is the width of the number on the first line.
- M is the width of the word on the second line.
- N is the width of the number on the second line.
- P is the corner radius.

E7-2: Post-Interchange Distance – Sheet 2

- 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 text on the first line to the top of the sign.
- E is the letter height and FHWA standard font for the numbers on both lines.
- F is the space between the text and numbers on the first and second line.
- G is the distance from the bottom of the text on the second line to the bottom of the sign.
- 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 circular symbol to top of the second line.
- K is the distance from the bottom of the circle to the top of the circle.
- L is the distance from the top of the circle to the top of the sign.
- M is the distance from the left edge of the circle to the left edge of the sign and the distance from the right edge of the numbers on both lines to the right edge of the sign.
- N is the width of the circle.
- P is the distance from the right edge of the circle to the left edge of the abbreviated word on the first line.
- Q is the width of the abbreviated word on the first line.
- R is the width of the number on the first line.
- S is the width of the word on the second line.
- T is the space between the word and number on the second line.
- U is the width of the number on the second line.
- V is the corner radius.
- G is the distance from the left edge of the words on the first and second lines to the left edge of the sign.
- J is width of the first word on the sign.
- K is the space between the word and number on the first line.
- L is the width of the number on the first line.
- M is the width of the word on the second line.
- N is the width of the number on the second line.
- P is the corner radius.

E7-3: Post-Interchange Distance – Sheet 1

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

E7-3: Post-Interchange Distance – Sheet 2

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

E7-3: Post-Interchange Distance – Sheet 3

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

E7-3: Post-Interchange Distance – Sheet 4

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

E7-3: Post-Interchange Distance – Sheet 5

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

E7-3: Post-Interchange Distance – Sheet 6

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

E7-3: Post-Interchange Distance – Sheet 7

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

E7-3: Post-Interchange Distance – Sheet 8

- 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 the numbers on the lines.
- F is the space between the first, second, and third lines.
- G is the distance from the top of the symbol on the first line to the top of the sign, the space between the first, second, and third symbols, and the distance from the bottom of the symbol on the third line to the bottom of the sign.
- H is the height of the symbols.
- J is the distance from the right edge of the lines to the right edge of the signs.
- K is the width of the symbol on the first line.
- L is the space between the symbols and the numbers on the lines.
- M is the width of the number on the first line.
- N is the width of the symbol on the second line.
- P is the width of the number on the second line.
- Q is the width of the symbol on the third line.
- R is the width of the number on the third line.
- S is the corner radius.

E7-4: Post-Interchange Travel Time – Sheet 1

- 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.
- E is the letter height and FHWA standard font for the last word on the line.
- F is the height of the dynamic message display.
- G is the letter height and FHWA standard font for the number in the dynamic message display.
- H is the letter height and FHWA standard font first word on the line.
- J is the distance from the left edge of the line to the left edge of the sign.
- K is the width of the first word on the line.
- L is the space between the first word on the line and the dynamic message display.
- M is the width of the dynamic message display.
- N is the space between the dynamic message display to the last word on the line.
- P is the width of the last word on the line.
- Q is the corner radius.

E7-4: Post-Interchange Travel Time – Sheet 2

- 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.
- E is the letter height and FHWA standard font for the last words on the lines.
- F is the space between the last words on the lines.
- G is the distance from the bottom of the dynamic message display on the second line to the bottom of the sign.
- H is the height of the dynamic message displays.
- J is the space between the dynamic message displays.
- K is the letter height and FHWA standard font for the numbers in the dynamic message displays.
- L is the letter height and FHWA standard font first words on the lines.
- M is the distance from the left edge of the lines to the left edge of the sign.
- N is the width of the first word on the line.
- P is the space between the first word on the line and the dynamic message display on the first line.
- Q is the width of the dynamic message displays.
- R is the space between the dynamic message displays to the last words on the lines.
- S is the width of the last words on the lines.
- T is the width of the first word on the second line.
- U is the corner radius.

E7-5: Distance and Travel Time – Sheet 1

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

E7-5: Distance and Travel Time – Sheet 2

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

E7-6: Comparative Travel Time

- A is the horizontal dimension of the sign.
- B is the vertical dimension of the sign
- C is the border width and the dividing line width.
- D is the distance from the top of the first line to the top of the sign.
- E is the letter height and FHWA standard font for the word on the first line.
- F is the distance from the bottom of the first line to the top of the dividing line.
- G is the distance from the top of the second word on the second line to the bottom of the dividing line.
- H is the letter height and FHWA standard font for the last words on the second and third lines.
- J is the space between the last words on the second and third lines.
- K is the distance from the bottom of the dynamic message displays to the bottom of the sign.
- L is the height of the dynamic message display
- M is the letter height and FHWA standard font for the numbers in the dynamic message display on the second and third lines.
- N is the space between the dynamic message displays.
- P is the height of the toll plaque.
- Q is the letter height and FHWA standard font for the word in the toll plaque.
- S is the height of the symbols.
- T is the letter height and the FHWA standard font for the first word on the first line.
- U is the distance from the top of the first word on the first line to the top of the sign.
- V is the distance from the left edge of the first line to the left edge of the sign and from the right edge of the first line to the right edge of the sign.
- W is the width of the first word on the first line.
- X is the space between the words on the first line.
- Y is the width of the second word on the second line.
- Z is the distance from the left edge of the symbol to the left edge of the sign., and from the right edge of the second and third lines to the right edge of the sign.
- AA is the width of the symbols.
- BB is the space between the first symbol and the toll plaque.
- CC is the width of the toll plaque.
- DD is the width of the word in the toll plaque.
- EE is the space between the toll plaque and the first dynamic message display.
- FF is the width of the dynamic message displays.
- GG is the width of the numbers in the dynamic message displays.
- HH is the space between the dynamic message displays and the last words on the second and third lines.

- JJ is the width of the last words on the second and third lines.
- KK is the corner radius of the toll plaque.
- LL is the corner radius of the sign.

E8-1: Preferential Lane Entrance Gore

- 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.
- E is the distance from the horizontal center of the symbol to the top and bottom edges of the symbol.
- F is the distance from the bottom edge of the symbol to the bottom edge of the panel.
- G is the space between the panel and the first line and the space between the lines.
- H is the letter height and FHWA standard font for the first line.
- 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 height of the arrow.
- M is the distance from the bottom of the arrow to the bottom of the sign.
- N is the symbol border width.
- P is the distance from the vertical center of the sign to the left and right edges of the symbol.
- 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 and right edges 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 length of the arrow.
- U is the width of the arrowhead.
- V is the corner radius.

E8-1a: Preferential Lane Intermediate Entrance Gore

- 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.
- E is the distance from the horizontal center of the symbol to the top and bottom edges of the symbol.
- F is the distance from the bottom edge of the symbol to the bottom edge of the black panel.
- G is the space between the black panel and the top of the first line and the space between the lines.
- H is the letter height and FHWA standard font for the first line.
- J is the letter height and FHWA standard font for the second line.
- K is the height of the arrow.
- L is the distance from the bottom of the arrow to the bottom of the sign.
- M is the symbol's border width.
- N is the distance from the vertical center of the sign to the left and right edges of the symbol.
- 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 and right edges of the word on the second line.
- R is the length of the arrow.
- S is the width of the arrowhead.
- T is the corner radius.

E8-2: Preferential Lane Entrance Direction (overhead)

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

E8-2a: Preferential Lane Entrance Direction (post-mounted)

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

E8-3: Preferential Lane Entrance Advance

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

E8-4: Preferential Lane Direct Exit Gore

- 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.
- E is the distance from the horizontal center of the symbol to the top and bottom edges of the symbol.
- F is the distance from the bottom edge of the symbol to the bottom edge of the black panel.
- G is the space between the black panel and the top of the first line and the space between the lines.
- H is the letter height and FHWA standard font for the first line.
- J is the height of the arrow.
- K is the distance from the bottom of the arrow 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 symbol border width.
- N is the distance from the vertical center of the sign to the left and right edges of the word.
- P is the width of the arrowhead.
- Q is the length of the arrow.
- R is the corner radius.

E8-5: Preferential Lane Intermediate Egress Direction

- 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.
- E is the distance from the horizontal center of the symbol to the top and bottom edges of the symbol.
- F is the distance from the bottom edge of the symbol to the bottom edge of the black panel.
- G is the space between the black panel and the top of the first line.
- H is the letter height and FHWA standard font for the first line.
- J is the space between the first line and the second line.
- K is the letter height and FHWA standard font for the second and third lines.
- M is the height of the arrow.
- 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 symbol.
- Q is the symbol border width.
- R is the distance from the vertical center of the sign to the left edge of the first line.
- S is the distance from the vertical center of the sign to the right edge of the first line.
- T is the distance from the vertical center of the sign to the left and right edges of the second line.
- U is the distance from the vertical center of the sign to the left and right edges of the second line.
- V is the width of the arrowhead.
- W is the length of the arrow.
- X is the corner radius.

E8-6: Preferential Lane Intermediate Egress Advance

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

E9-1: Interchange Sequence (2 interchanges)

- 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 fraction on the first line to the top of the sign, the space between the fraction on the lines, and the from the bottom of the fraction on last line to the bottom of the sign.
- E is the letter height and FHWA standard font for the fractions on the lines.
- F is the letter height and FHWA standard font for the numbers in the fraction on the lines.
- 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 words on the line.
- J is the space between first words on the lines.
- K is the distance from the left edge of the lines to the left edge of the sign and from the right edge of the lines to the right edge of the sign, and the space between the first and second words on the lines.
- L is the width of the first word on the first line.
- M is the width of the second word on the first line.
- N is the space between the second word and the fraction on the first line.
- P is the width of the fraction on the first line.
- Q is the width of the first word on the second line.
- R is the width of the second word on the second line.
- S is the width of the fraction on the second line.
- T is the corner radius.

E9-2: Interchange Sequence (3 interchanges)

- 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 fraction on the first line to the top of the sign.
- E is the letter height and FHWA standard font for the fractions on the lines.
- F is the letter height and FHWA standard font for the numbers in the fraction on the lines.
- G is the space between the fractions on the lines.
- H is the space between the fraction on the second line and the number on the third line.
- 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.
- J is the letter height and FHWA standard font for the number on the third line.
- 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 words on the lines.
- M is the space between the first words on the second and third lines.
- N is the space between the first words on the first and second lines.
- P is the distance from the left edge of the lines to the left edge of the sign., the space between the first word and the second word on the lines, and the distance from the right edge of the fraction on the first line to the right edge of the sign.
- Q is the width of the first word on the first line.
- R is the width of the second word on the first line.
- S is the width of the first number on the first line.
- T is the space between the number and the fraction on the first and second lines.
- U is the width of the fraction on the first line.
- V is the width of the first word on the second line.
- W is the width of the second word on the second line.
- X is the space between the second word and the first number on the second line.
- Y is the space between the first numbers on the first and second line.
- Z is the width of the fraction on the second line.
- AA is the distance from the right edge of the fraction on the second line to the right edge of the sign.
- BB is the width of the first word on the third line.
- CC is the width of the second word on the third line.
- DD is the width of the number on the third line.
- EE is the corner radius.

E9-3: Next Exits (1 destination)

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

E9-3a: Next Exits (2 destinations) – Sheet 1

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

E9-3a: Next Exits (2 destinations) – Sheet 2

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

E9-4: Community Interchanges (2 interchanges)

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

E9-5: Community Interchanges (3 interchanges)

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

- EE is the width of the first word on the fourth line.
- FF is the width of the second word on the fourth line.
- GG is the width of the number on the fourth line.
- HH is the corner radius.

E11-1: Exit Only (with Down 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 line to the top of the sign.
- F is the letter height and FHWA standard font for the second word on the line.
- G is the distance from the bottom of the words on the line to the bottom of the sign.
- H is the distance from the bottom of the arrow to the bottom of the sign.
- J is the height of the arrow.
- K is the letter height and FHWA standard font for the first word on the line.
- L the width of the first word on the line.
- M is the space between the first word and the arrow and the distance from the vertical center of the sign to the right edge of the arrow.
- N is the distance from the vertical center of the sign to the left edge of the arrow.
- P is the space between the arrow and the second word.
- Q is the width of the second word.
- R is the corner radius.

E11-1a: Exit

- 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 line to the top of the sign and from the bottom of the line to the bottom of the sign.
- D is the letter height and FHWA standard font for the line.
- E is the distance from the vertical center of the sign to the left and right edges of the word.
- F is the corner radius.

E11-1b: Only

- 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 line to the top of the sign and from the bottom of the line to the bottom of the sign.
- D is the letter height and FHWA standard font for the line.
- E is the distance from the vertical center of the sign to the left edge of the word.
- F is the distance from the vertical center of the sign to the right edge of the word.
- G is the corner radius.

E11-1c: Exit Only

- 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 line to the top of the sign and from the bottom of the line to the bottom of the sign.
- D is the letter height and FHWA standard font for the second word on the line.
- E is the letter height and FHWA standard font for the first word on the line.
- F is the width of the first word on the line.
- G is the distance from the vertical center of the sign to the right edge of the first word on the line.
- H is the distance from the vertical center of the sign to the left edge of the second word on the line.
- J is the width of the second word on the line.
- G is the corner radius.

E11-1d: Exit Only (with Directional 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 words on the line to the top of the sign.
- F is the letter height and FHWA standard font for the second word on the line.
- G is the distance from the bottom of the words on the line to the bottom of the sign.
- H is the distance from the top of the arrow to the top of the sign.
- J is the width of the first word on the line.
- K is the space between the words and the arrow, the distance from the vertical center of the sign to the right edge of the arrow, and the corner radius.
- L is the distance from the vertical center of the sign to the left edge of the arrow.
- M is the width of the second word.
- N is the letter height and FHWA standard font for the first word on the line.
- P is the width of the arrowhead
- Q is the distance from the bottom of the arrow to the bottom of the sign.

E11-1e: Exit Only (with two Directional arrows)

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

E11-1f: Exit Only (with two Down arrows)

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

E11-2: Left (panel)

- 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 line to the top of the sign and from the bottom of the line to the bottom of the sign.
- D is the letter height and FHWA standard font for the line.
- E is the distance from the vertical center of the sign to the left and right edges of the word.
- F is the corner radius.

E13-2: Exit Direction Advisory Speed - Ramp (panel)

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