

# R1-4-1

## STOP SIGN REMOVED FROM SIDE STREET SIGN

(a) Justification. The Stop Sign Removed From Side Street Sign (R1-4-1) shall be authorized for use to advise local drivers that the stop sign on the side street has been removed. The R1-4-1 sign should be removed after six weeks.

(b) Placement. When used, the R1-4-1 sign shall be placed beneath appropriate stop signs for educational purposes.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
18" X 24"	2.0	3E	1.0	2E	5.7	5.0	7.1	4.0	3.3	5.6	0.4	0.4	B5-2418

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

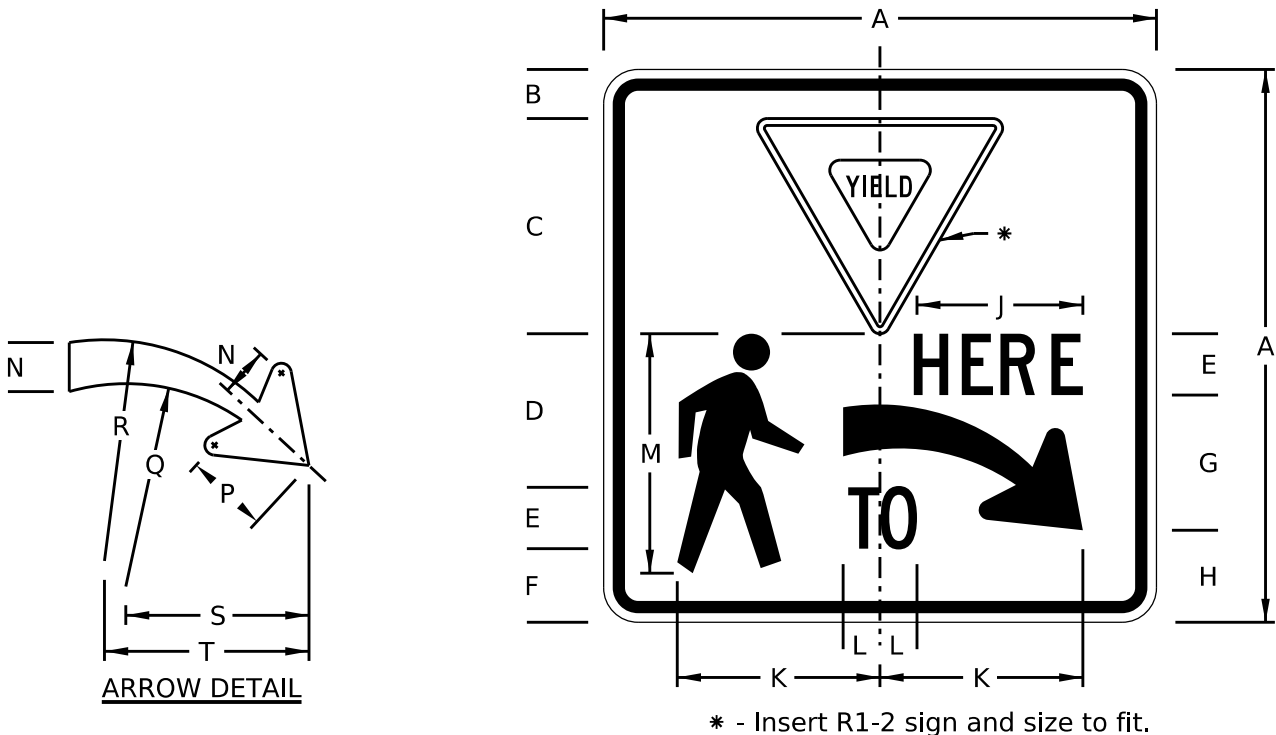
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R1-5R

## YIELD HERE TO PEDESTRIAN WITH RIGHT ARROW SIGN

(a) Justification. The Yield Here to Pedestrian with Right Arrow Sign (R1-5R) shall be used on the Left side of the roadway, adjacent to a yield line in advance of an unsignalized midblock crosswalk that crosses a multi-lane approach. The R1-5R sign may also be used on approaches to unsignalized midblock crosswalks even if yield lines are not used.

(b) Placement. When used, the R1-5R sign and yield line should be installed 20 to 50 feet in advance of the nearest crosswalk line. If a Pedestrian sign (W11-2) has been post-mounted at the crosswalk location where a R1-5R is used on the approach, the R1-5R sign shall not be placed on the same post as or block the road user's view of the W11-2 sign.



DIMENSIONS - IN														
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	3.2	14.0	10.0	4C	4.8	8.8	6.0	10.8	13.2	2.4	15.6	0.6	0.8	B3-36
ARROW DETAIL DIMENSIONS	N	P	Q	R	S	T								
	3.2	5.4	13.2	14.4	12.0	13.4								

COLOR:

YIELD SYMBOL AND THE LEGEND YIELD:  
RED (REFLECTORIZED)

OTHER LEGEND, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

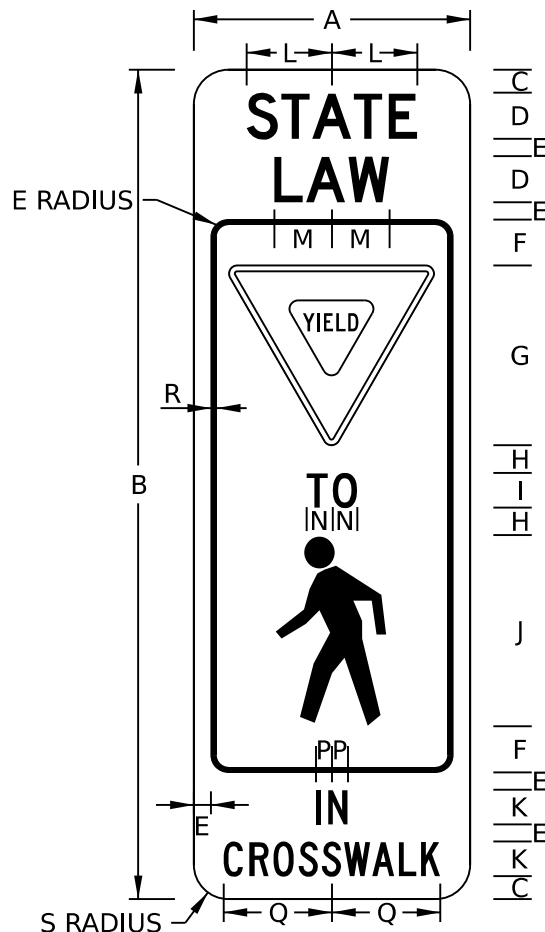
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R1-6

## IN-STREET PEDESTRIAN CROSSING SIGN

(a) Justification. The In-Street Pedestrian Crossing Sign (R1-6) is authorized for use on the face of a Yield to Pedestrian Channelizing Device which may be positioned on the centerline of low-speed roadways at a marked unsignalized crosswalk to remind drivers that they must legally yield the right of way to pedestrians in the crosswalk. The Yield to Pedestrian Device shall satisfy national breakaway requirements and the Department's specification, and be of a type approved by the Department and listed in Bulletin 15.

(b) Placement. When used, the R1-6 sign / Yield to Pedestrian Device shall be placed in the roadway at the crosswalk location on the center line, on a lane line, or on a median island. It should not be positioned on roadways with a speed limit greater than 35 mph or with a clear roadway width of less than 20 feet. It should not be used at locations where it will adversely affect the turning radius of motor vehicles. In addition, the R1-6 sign shall not be post-mounted on the left-hand or right-hand side of the roadway.



DIMENSIONS - IN																
SIGN SIZE A x B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S
12" x 36"	1.0	2D	0.75	2.0	7.8	1.2	1.5D	8.2	1.5C	3.7	2.5	1.1	0.7	4.7	0.25	1.5

COLOR:

YIELD SYMBOL AND THE YIELD LEGEND:

RED (REFLECTORIZED)

OTHER LEGEND, SYMBOL AND INTERNAL BORDER:

BLACK (NON-REFLECTORIZED)

BACKGROUND:

OUTSIDE OF BORDER:

FLUORESCENT YELLOW-

GREEN (REFLECTORIZED)

INSIDE OF BORDER:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_

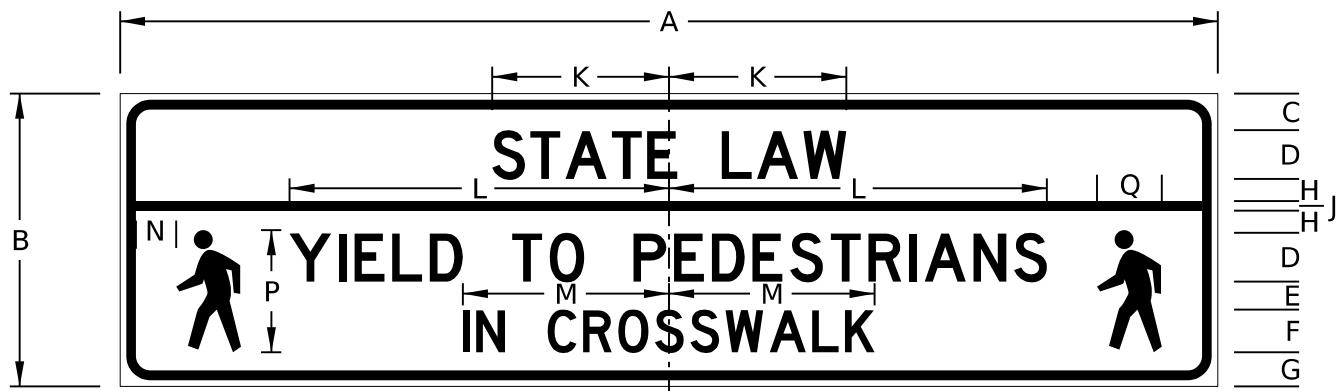
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R1-9

## OVERHEAD PEDESTRIAN CROSSING SIGN

(a) Justification. The Overhead Pedestrian Crossing sign (R1-9) may be used to remind road users of laws regarding right-of-way at an unsignalized pedestrian crosswalk. The R1-9 sign may be modified to replace the standard pedestrian symbol with the standard school children symbol and may be used at unsignalized school crossings.

(b) Placement. If used, the R1-9 sign shall be placed over the roadway at the crosswalk location. The R1-9 sign shall not be placed in advance of the crosswalk to educate road users about the State law prior to reaching the crosswalk, nor shall it be installed as an educational display that is not near any crosswalk. The R1-9 sign shall not be used at signalized locations.



DIMENSIONS - IN																
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	MAR- GIN	BOR- DER	BLANK STD.
90" x 24"	3.0	4D	2.3	3.5D	2.8	1.8	0.8	14.5	31.1	16.9	3.3	10.0	5.3	0.5	0.8	-----

COLOR:

LEGEND, SYMBOLS AND BORDER:  
BLACK (NON-REFLECTORIZED)

TOP BACKGROUND:  
FLUORESCENT YELLOW-GREEN  
(REFLECTORIZED)

BOTTOM BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



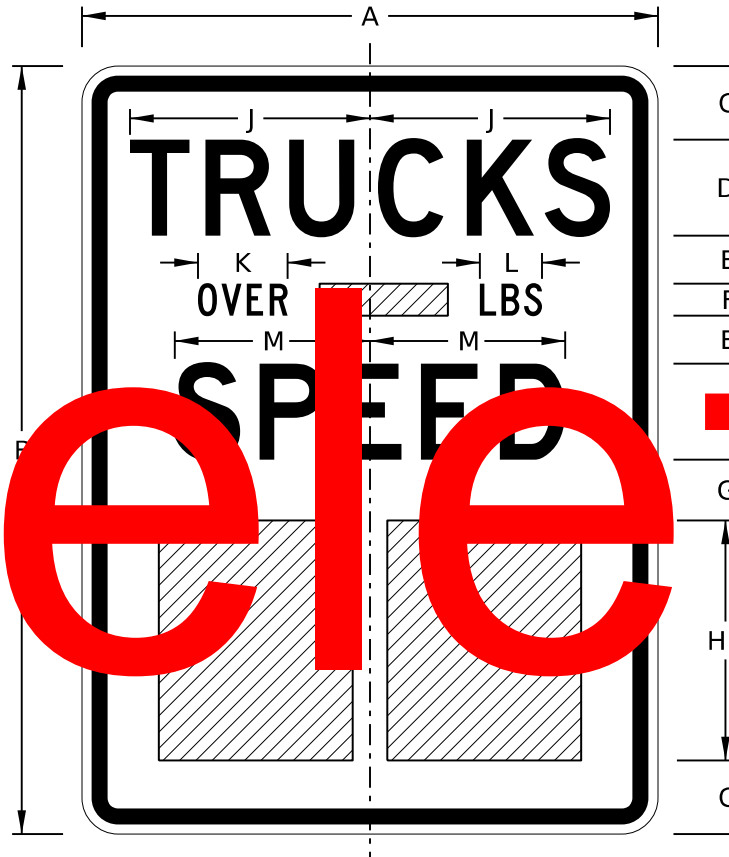
# R2-2-1

## TRUCKS OVER (\_\_\_) LBS. SPEED SIGN

The Trucks Over (\_\_\_) Lbs. Speed Sign (R2-2-1) may be used to indicate the established hazardous grade speed limit for all trucks, or trucks over a designated weight. The words "OVER (\_\_\_) LBS." and the "S" in "TRUCKS" shall be eliminated and the legend reoriented if the restriction applies to all trucks.

The R2-2-1 sign may be erected alone or in series with the Reduced Gear Zone Sign (R14-12) and shall be placed in accordance with Department regulations (relating to hazardous grade speed limits).

The size of the R2-2-1 sign should be 36" x 48" when used at the beginning of the zone. When used within the zone the standard size should be 30" x 36".



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
30" x 36"	3	5D	2	1C	3	12E	12.5	2.8	2.0	10.2	0.4	0.8	B5-3630
36" x 48"	4.6	6D	3	2C**	3.8	15E	15	5.5	3.9	12.2	0.6	1	B5-4836

\* OPTICALLY SPACE NUMERALS ABOUT VERTICAL C

\*\* USE SERIES B FOR "OVER 20,000 LBS."

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

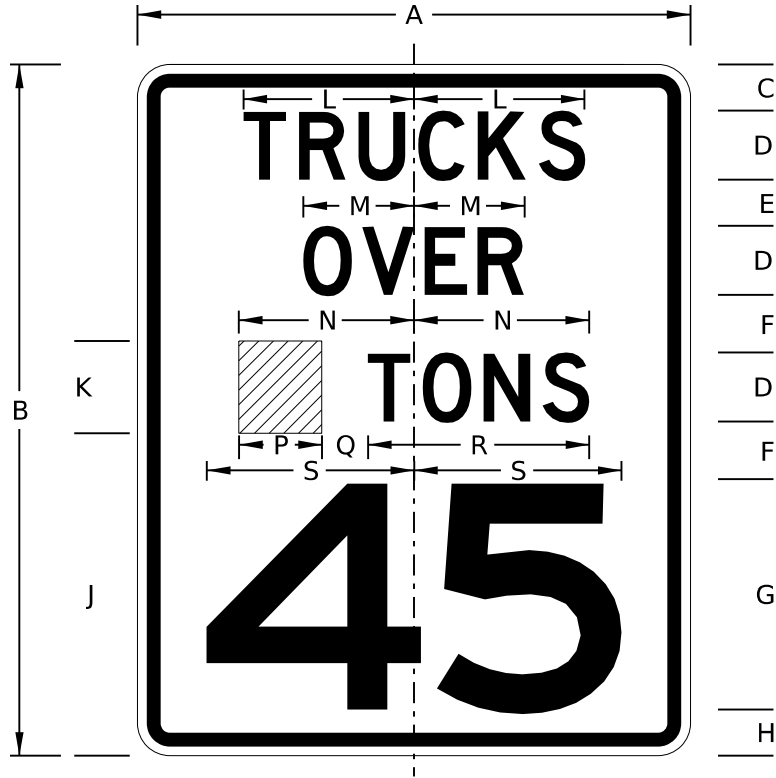
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date :08-29-12  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R2-2CP-1

## TRUCKS OVER (X) TONS SPEED LIMIT PLAQUE

The Trucks Over (X) Tons Speed Limit Plaque (R2-2CP-1) may be used below the Speed Limit Sign (R2-1) sign where a special speed limit applies to trucks over a specific weight.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L
24" x 30"	2.0	3D	2.0	2.5	10E	2.0	14.0	4D	7.4
36" x 42"	3.3	4D*	3.5	4.0	12E	3.2	18.7	5D	10.2
48" x 54"	4.3	5.5D*	4.0	4.5	16E	4.2	23.9	7D	14.1

DIMENSIONS - IN									
SIGN SIZE A x B	M	N	P	Q	R	S	MAR- GIN	BOR- DER	BLANK STD.
24" x 30"	4.8	VAR	VAR	2.0	9.6	VAR**	0.4	0.6	B5-3024
36" x 42"	6.7	VAR	VAR	3.0	13.4	VAR**	0.6	0.8	----
48" x 54"	9.2	VAR	VAR	5.0	18.4	VAR**	0.8	1.25	----

\* INCREASE SPACING 25%

\*\* OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE

COLOR:

LEGEND AND BORDER:  
BLACK (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

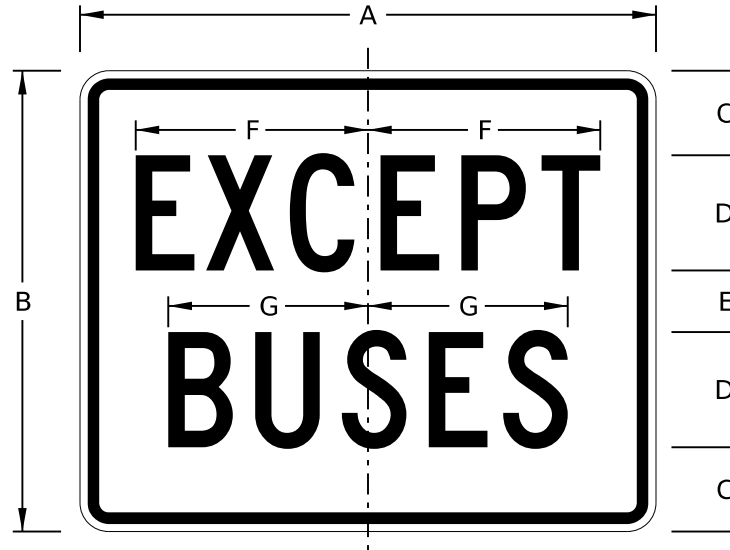
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R3-7AP

## EXCEPT BUSES PLAQUE

The Except Buses Plaque (R3-7AP) may be used below a regulatory sign such as, but not limited to, the No Right Turn Sign (R3-1), No Left Turn Sign (R3-2), No Turns Sign (R3-3), etc., to exempt buses from a restriction. The width of the R3-7AP plaque should always be the same width as the sign it supplements.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	3.0	5C	2.0	10.1	8.7	0.4	0.6	B5-2418
30" x 24"	4.4	6C	3.2	12.1	10.4	0.4	0.6	B5-3024

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

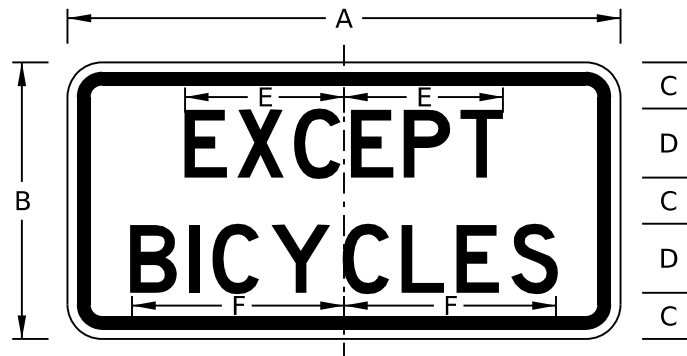
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R3-7BP

## EXCEPT BICYCLES (REGULATORY) PLAQUE

The Except Bicycles (Regulatory) Plaque (R3-7BP) may be used beneath regulatory signs to alert bicyclists that the specific condition depicted on the regulatory sign does not apply to them. The R3-7BP shall be mounted below the regulatory sign.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	2.0	3D	6.9	9.2	0.4	0.5	B5-2412

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R3-7C

## CENTER LANE MUST TURN LEFT SIGN

The Center Lane Must Turn Left Sign (R3-7C) may be used on five-lane highways when traffic in the center lane must turn left and neither the R3-9A sign nor the R3-9B sign is applicable.

The standard size of the R3-7C sign for single lane conventional highways shall be 30" x 30". The standard size for multi-lane conventional highways shall be 36" x 36".



DIMENSIONS - IN											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	4.5	4B	4.0	5C	4C	12.5	7.1	12.4	0.5	0.8	B3-30
36" x 36"	5.5	5B	4.5	6C	5C	14.6	8.0	14.4	0.6	0.8	B3-36
48" x 48"	8.5	6B	6.0	7C	6C	18.8	9.9	18.5	0.8	1.2	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

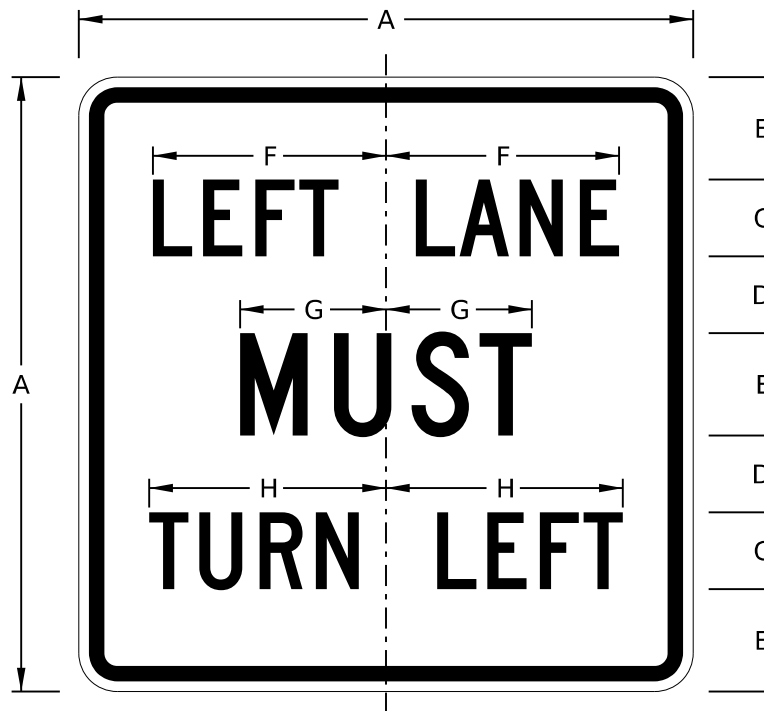
# R3-7L

## LEFT LANE MUST TURN LEFT SIGN

The Left Lane Must Turn Left Sign (R3-7L) may be used to advise motorists that all vehicles in the left lane must turn left.

When used, the R3-7L sign should be placed an adequate distance in advance of the intersection when traffic in the left lane of an approach to an intersection must turn left. The sign may also be placed at the intersection or as a supplement to the Left Turn Sign (R3-5L).

The standard size of the R3-7L sign for single lane conventional highways shall be 30" x 30". The standard size for multi-lane conventional highways shall be 36" x 36".



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	4.5	4C	4.0	5C	12.2	7.1	12.4	0.5	0.8	B3-30
36" x 36"	5.5	5C	4.5	6C	14.2	8.5	14.4	0.6	0.8	B3-36
48" x 48"	8.0	6C	6.0	8C	18.2	11.4	18.5	0.8	1.2	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R3-7R

## RIGHT LANE MUST TURN RIGHT SIGN

The Right Lane Must Turn Right Sign (R3-7R) may be used to advise motorists that all vehicles in the right lane must turn right.

When used, the R3-7R sign should be placed an adequate distance in advance of the intersection when traffic in the right lane of an approach to an intersection must turn right. The sign may also be placed at the intersection or as a supplement to the Right Turn Sign (R3-5R).

The standard size of the R3-7R sign for single lane conventional highways shall be 30" x 30". The standard size for multi-lane conventional highways shall be 36" x 36".



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	4.5	4C	4.0	5C	12.9	7.1	13.1	0.5	0.8	B3-30
36" x 36"	5.5	5C	4.5	6C	15.0	8.5	15.3	0.6	0.8	B3-36
48" x 48"	8.0	6C	6.0	8C	19.2	11.4	19.6	0.8	1.2	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R3-7-1L

## ALL TRAFFIC MUST TURN LEFT SIGN

The All Traffic Must Turn Left Sign (R3-7-1L) may be used when traffic in all lanes of an approach to an intersection must turn left and may also be used as a supplement to the overhead Left Turn Sign (R3-5L).

When used, the R3-7-1L sign should be placed at the intersection with a second sign an adequate distance in advance of the intersection. When used as a supplement to the R3-5L sign, it should be placed an adequate distance in advance of the intersection.

The standard size of the R3-7-1L sign for single lane conventional highways shall be 30" x 30". The standard size for mutli-lane conventional highways shall be 36" x 36".



DIMENSIONS - IN											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	4.5	4B	4.0	5C	4C	12.3	7.1	12.4	0.5	0.8	B3-30
36" x 36"	5.5	5B	4.5	6C	5C	14.4	8.5	14.4	0.6	0.8	B3-36
48" x 48"	8.0	6B	6.0	8C	6C	18.5	11.4	18.5	0.8	1.2	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# R3-7-1R

## ALL TRAFFIC MUST TURN RIGHT SIGN

The All Traffic Must Turn Right Sign (R3-7-1R) may be used when traffic in all lanes of an approach to an intersection must turn right and may also be used as a supplement to the overhead Right Turn Sign (R3-5R).

When used, the R3-7-1R sign should be placed at the intersection with a second sign an adequate distance in advance of the intersection. When used as a supplement to the R3-5R sign, it should be placed an adequate distance in advance of the intersection.

The standard size of the R3-7-1R sign for single lane conventional highways shall be 30" x 30". The standard size for multi-lane conventional highways shall be 36" x 36".



DIMENSIONS - IN											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	4.5	4B	4.0	5C	4C	12.3	7.1	13.1	0.5	0.8	B3-30
36" x 36"	5.5	5B	4.5	6C	5C	14.4	8.5	15.3	0.6	0.8	B3-36
48" x 48"	8.0	6B	6.0	8C	6C	18.5	11.4	19.6	0.8	1.2	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

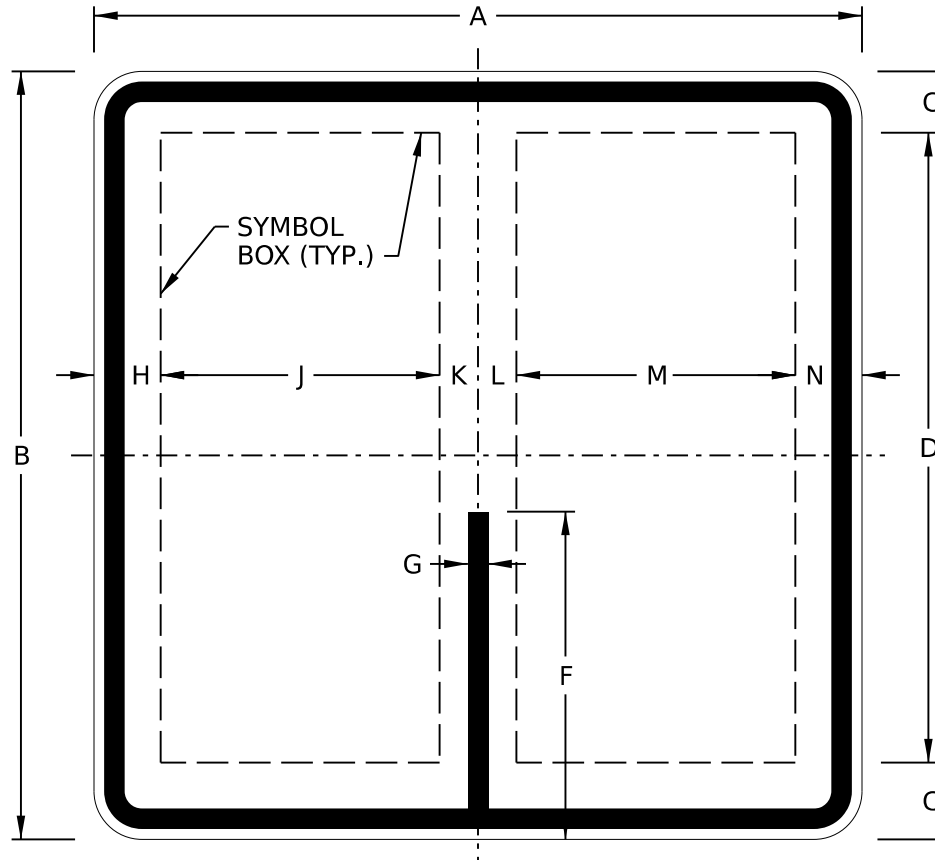
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R3-8-1

## ADVANCE INTERSECTION LANE CONTROL (TWO LANES) SIGN

The Advance Intersection Lane Control (Two Lanes) Sign (R3-8-1) may be used on a two-lane approach to an intersection. The R3-8-1 sign can be designed using appropriate lane use symbols to depict actual site conditions. Symbol combinations which are not listed below are also acceptable.

When used, the R3-8-1 sign should be mounted an adequate distance in advance of the intersection to allow the motorist time to select the appropriate lane before reaching the intersection. The R3-8-1 sign may also be placed at the intersection or as a supplement to other lane use control signs. The R3-8-1 sign shall not be mounted overhead.



DIMENSIONS - IN														
SIGN SIZE A x B (SYM. COMB.)	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
30" x 30" (L-S, S-R, L-R)	2.4	24.6	3.0	14.0	0.8	2.6	10.9	1.5	1.5	10.9	2.6	0.4	0.8	B3-30
30" x 30" (L-LS, L-SR, S-SR)	2.4	24.6	3.0	14.0	0.8	2.1	10.9	0.8	0.0	14.8	1.4	0.4	0.8	B3-30
30" x 30" (LS-R, SR-R)	2.4	24.6	3.0	14.0	0.8	1.4	14.8	0.0	0.8	10.9	2.1	0.4	0.8	B3-30
36" x 30" (UL-L)	2.4	24.6	3.0	14.0	0.8	2.8	14.8	2.2	2.2	10.9	3.1	0.4	0.8	B5-3630
36" x 30" (L-LSR)	2.4	24.6	3.0	14.0	0.8	2.6	10.9	1.9	0.0	18.0	2.6	0.4	0.8	B5-3630

SHEET 1 OF 2

COLOR:

APPROVED FOR THE SECRETARY OF TRANSPORTATION

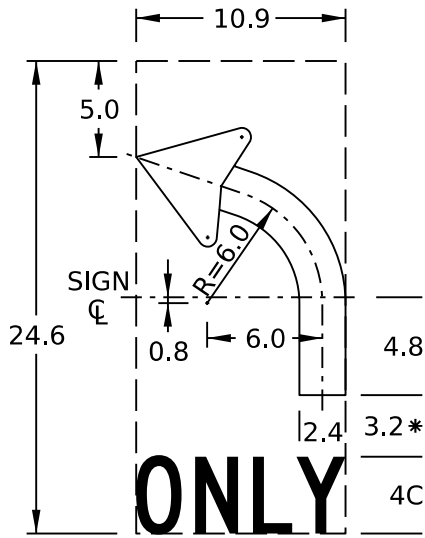
LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

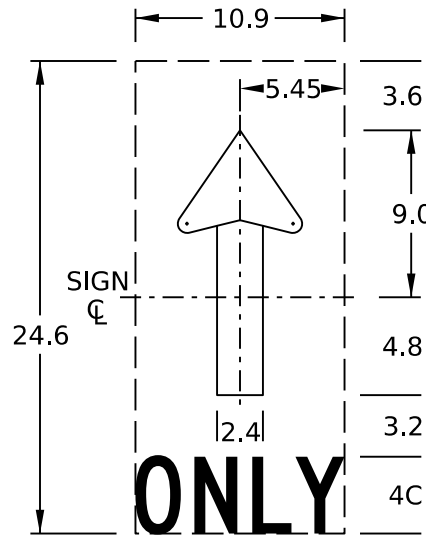
BACKGROUND:  
WHITE (REFLECTORIZED)

# R3-8-1

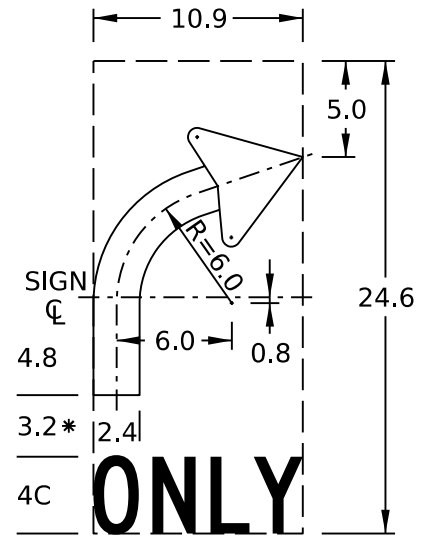
## ADVANCE INTERSECTION LANE CONTROL (TWO LANES) SIGN



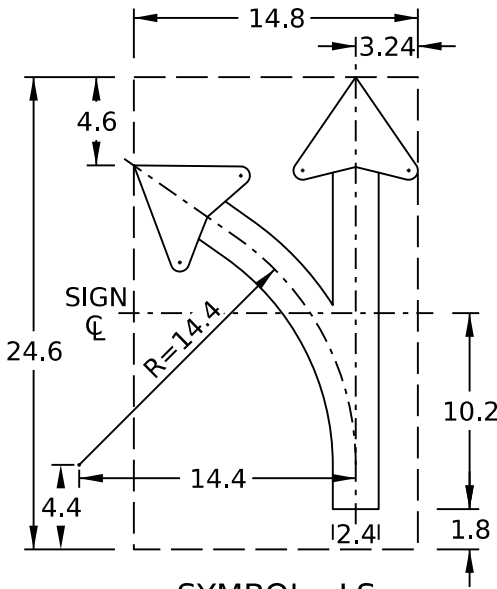
SYMBOL - L



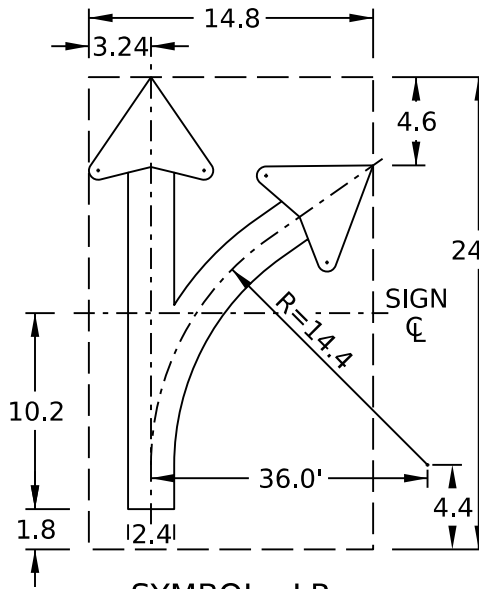
SYMBOL - S



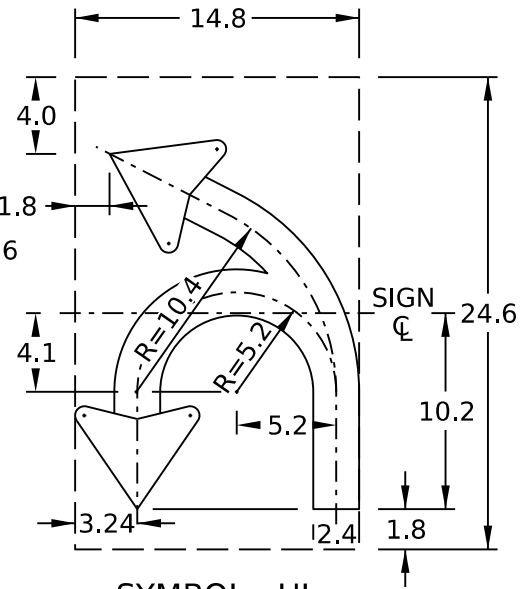
SYMBOL - R



SYMBOL - LS



SYMBOL - LR



SYMBOL - UL

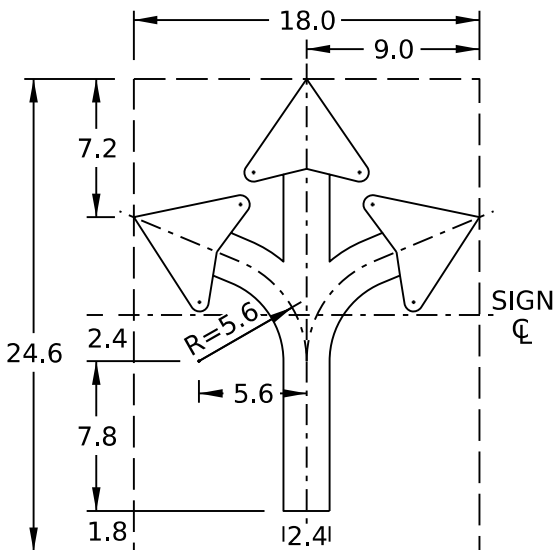
\* LOCATE ARROW 1.2" ABOVE LEGEND  
"ONLY" WHEN SYMBOL-L OR SYMBOL-R  
IS USED WITH SYMBOL-LSR

NOTE:  
SEE STANDARD ARROW FOR DIMENSIONS  
OF ARROWHEAD

SHEET 2 OF 2

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



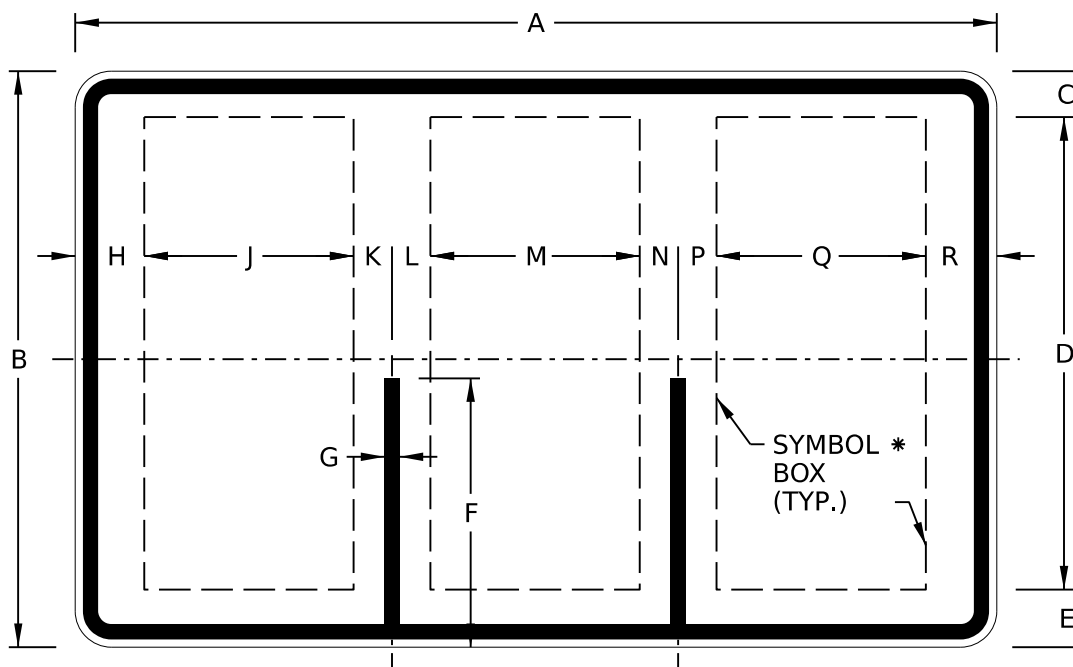
SYMBOL - LSR

R3-8A-1

## ADVANCE INTERSECTION LANE CONTROL (THREE LANES) SIGN

The Advance Intersection Lane Control (Three Lanes) Sign (R3-8A-1) may be used on a three-lane approach to an intersection. The R3-8A-1 sign can be designed using appropriate lane use symbols to depict actual site conditions. Symbol combinations which are not listed below are also acceptable.

When used, the R3-8A-1 sign should be mounted an adequate distance in advance of the intersection to allow the motorist time to select the appropriate lane before reaching the intersection. The R3-8A-1 sign may also be placed at the intersection or as a supplement to other lane use control signs. The R3-8A-1 sign shall not be mounted overhead.



DIMENSIONS - IN																	
SIGN SIZE A x B (SYM. COMB.)	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	MAR- GIN	BOR- DER	BLANK STD.
48" x 30" (L-S-R, L-L-R, L-L-S, L-S-S)	2.4	24.6	3.0	14.0	0.8	3.6	10.9	2.0	2.0	10.9	2.0	2.0	10.9	3.7	0.4	0.8	B5-4830
48" x 30" (L-LS-R)	2.4	24.6	3.0	14.0	0.8	2.7	10.9	1.5	1.5	14.8	1.5	1.5	14.8	2.7	0.4	0.8	B5-4830
48" x 30" (L-S-SR, L-L-SR)	2.4	24.6	3.0	14.0	0.8	2.7	10.9	1.5	1.5	10.9	1.5	1.5	14.8	2.7	0.4	0.8	B5-4830
48" x 30" (LS-S-R)	2.4	24.6	3.0	14.0	0.8	2.7	14.8	1.5	1.5	10.9	1.5	1.5	10.9	2.7	0.4	0.8	B5-4830

\* SEE R3-8-1 SIGN FOR SYMBOL DETAIL

COLOR:

LEGEND, ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

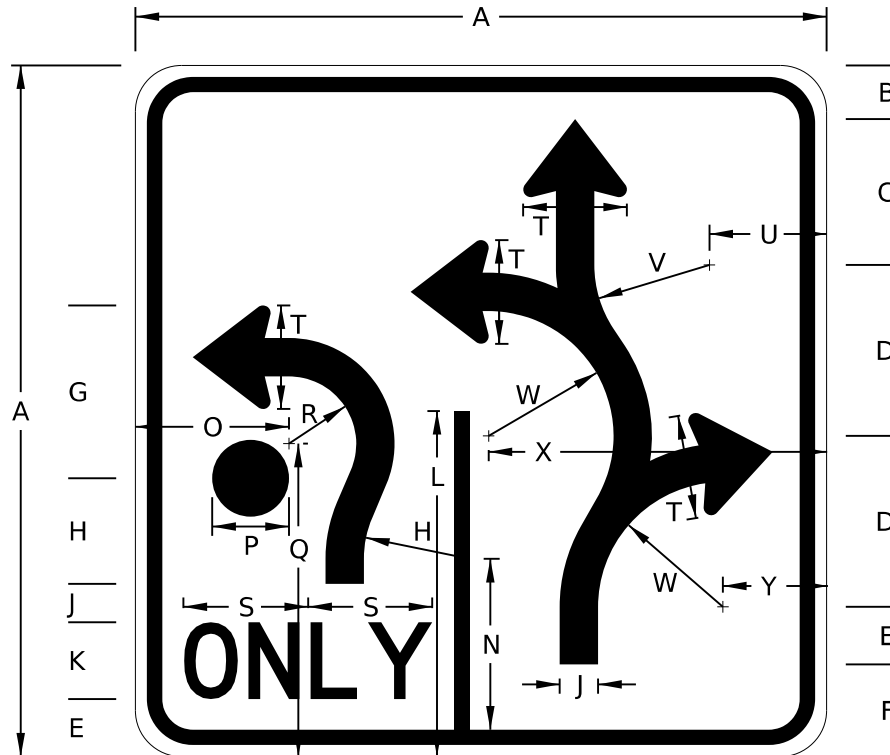
By : \_\_\_\_\_ Date : \_\_\_\_\_  
 Manager, Traffic Engineering & Permits Section,  
 Bureau of Operations

# R3-8-2

## ADVANCE INTERSECTION LANE CONTROL ROUNDABOUT LEFT TURN ONLY - OPTIONAL SIGN

The Advance Intersection Lane Control Roundabout Left Turn Only - Optional Sign (R3-8-2) may be used on a two-lane approach to a roundabout.

When used the R3-8-2 sign should be mounted an adequate distance in advance of the roundabout to allow motorists time to select the proper lane before reaching the roundabout. The R3-8-2 sign may also be placed at the roundabout or as a supplement to other lane control signs. The R3-8-2 sign shall not be mounted overhead.



DIMENSIONS - IN												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N
36" x 36"	2.8	7.6	8.9	3.0	4.8	9	5.5	2.0	4D	18.0	0.8	10.3

DIMENSIONS - IN														
SIGN SIZE A x A	O	P	Q	R	S	T	U	V	W	X	Y	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	8.0	4.0	16.3	3.5	6.5	5.4	6.1	6.0	6.5	17.6	5.4	0.6	0.8	B3-36

COLOR:

LEGEND, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

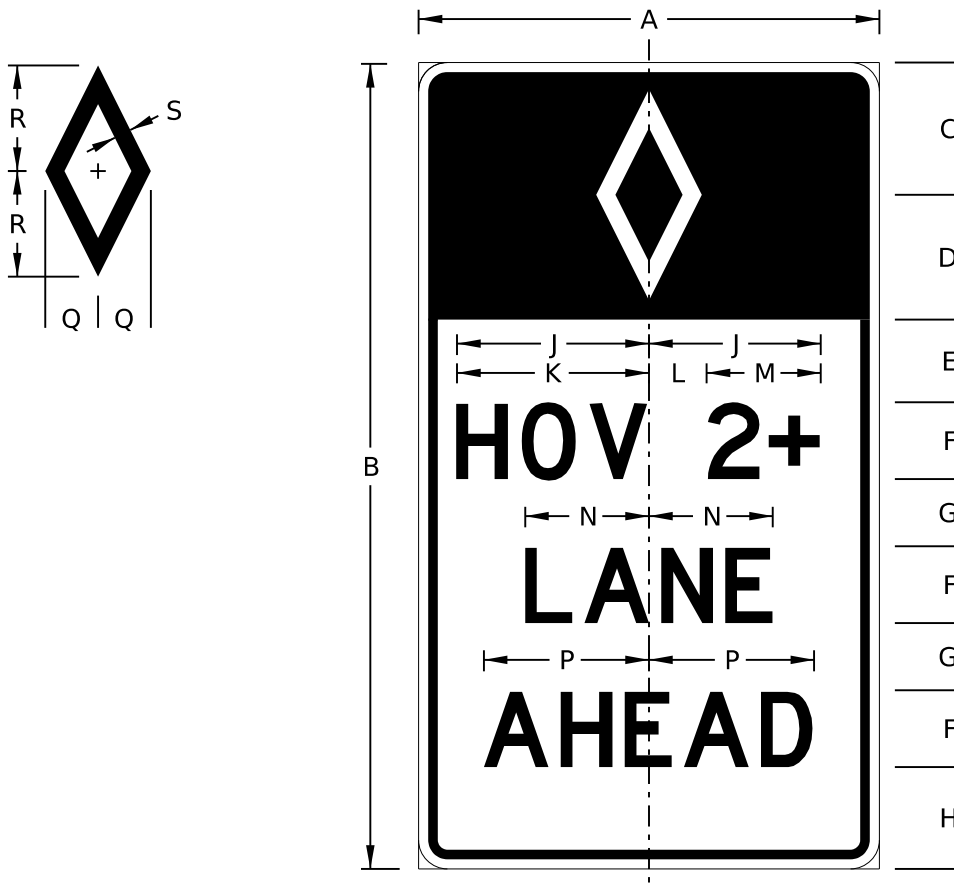
# R3-12

## HOV PREFERENTIAL LANE AHEAD SIGN

(a) Justification. The HOV Preferential Lane Ahead Sign (R3-12) may be used in advance of a section of roadway where travel over a specific lane of the roadway is restricted to provide preferential treatment for certain high occupancy vehicles.

(b) Placement. When used, the R3-12 sign shall be post mounted in advance of the restriction but adjacent to the lane that will be restricted.

(c) Size. When used on an expressway the standard size of the sign shall be 36" x 60", and when used on a freeway the standard size of the sign shall be 48" x 84".



DIMENSIONS - IN																		
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	MAR- GIN	BOR- DER	BLANK STD.
30" x 42"	6.6	6.1	4.5	4D	3.5	5.8	VAR	10.0	3.0	5.9	6.4	8.6	2.5	5.0	0.8	0.5	0.8	-----
36" x 60"	9.1	8.5	6.5	6D	5.0	7.9	VAR	15.0	4.0	8.9	8.7	12.9	3.5	7.0	1.1	0.6	0.9	-----
48" x 84"	13.8	13.0	8.6	8D	7.0	10.6	VAR	20.0	6.0	11.9	12.9	17.2	5.5	11.0	1.8	0.8	1.25	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND AND SYMBOL:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

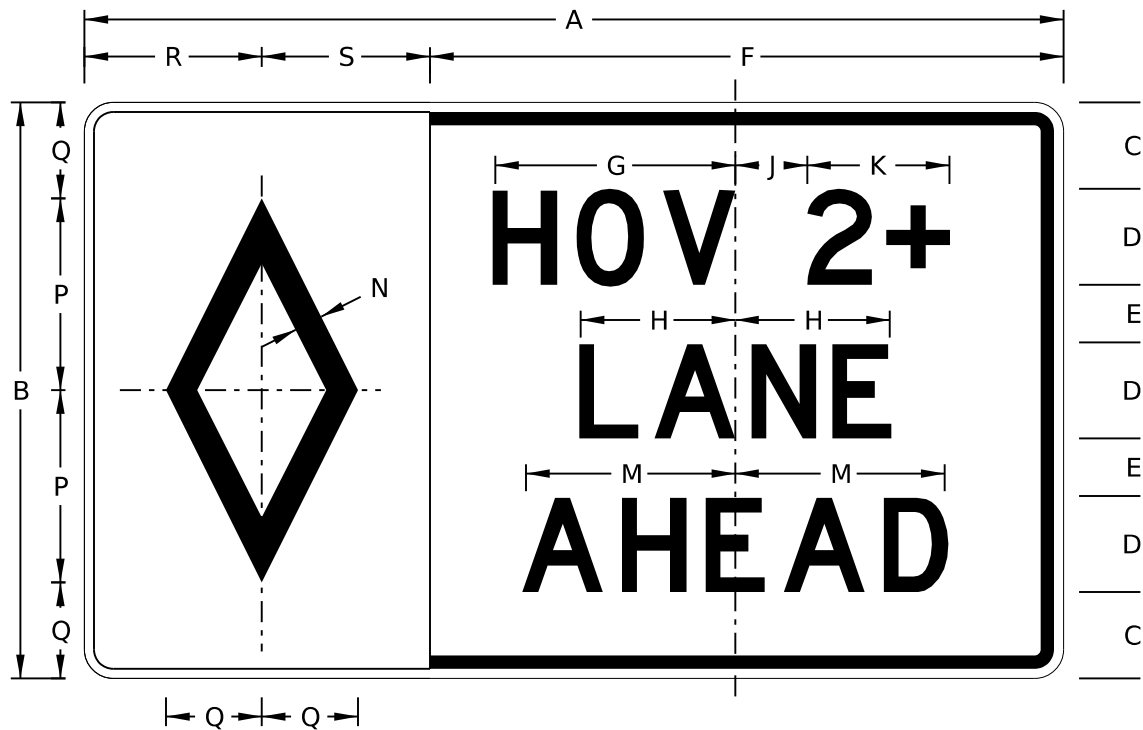
# R3-15

## HOV PREFERENTIAL LANE AHEAD OVERHEAD SIGN

(a) Justification. The HOV Preferential Lane Ahead Overhead Sign (R3-15) shall be authorized for use in advance of a section of roadway wherein travel over a specific lane of the roadway is restricted to specified high occupancy vehicles.

(b) Placement. The R3-15 sign shall be mounted overhead an adequate distance in advance of the restricted lane to allow provision for safe movement to and from the restricted lane prior to the actual restriction.

(c) Size. The standard size for the R3-15 sign shall be 66" x 36". The standard size shall be 84" x 48" for expressways and 102" x 60" for freeways.



DIMENSIONS - IN																	
SIGN SIZE A x B	C	D	E	F	G	H	J	K	M	N	P	Q	R	S	MAR- GIN	BOR- DER	BLANK STD.
66" x 36"	5.6	6D	3.4	42.0	15.0	9.6	4.5	8.9	12.9	1.8	12.0	6.0	12.3	11.7	0.6	1.0	-----
84" x 48"	7.0	8D	5.0	54.0	20.0	12.9	6.0	11.9	17.2	2.5	16.0	8.0	15.4	14.6	0.8	1.2	-----
102 x 60"	9.0	10D	6.0	66.0	25.0	16.1	7.5	14.8	21.5	3.0	20.0	10.0	18.4	17.6	0.8	1.4	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND AND SYMBOL:  
WHITE (REFLECTORIZED)

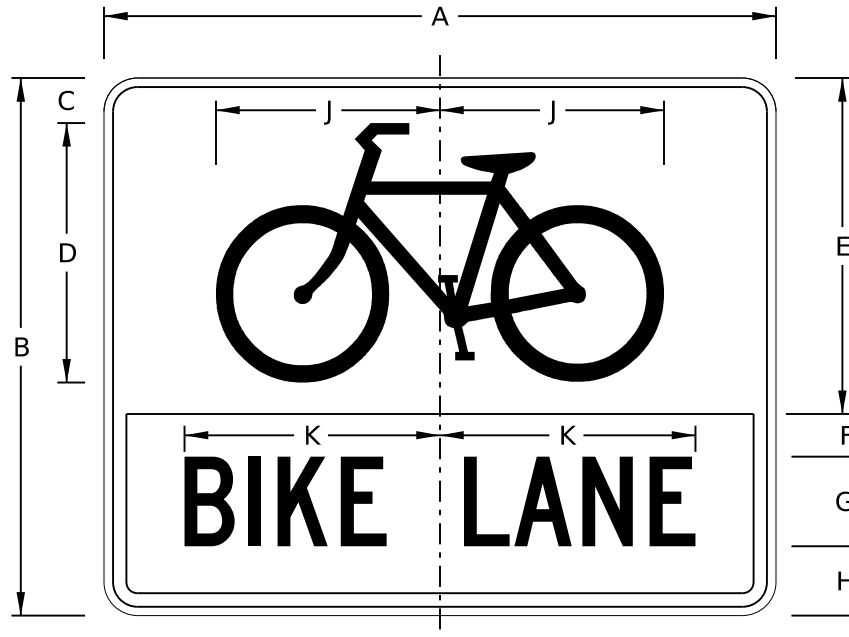
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R3-17

## BIKE LANE SIGN

The Bike Lane Sign (R3-17) should be used at periodic intervals along a designated bicycle lane which is marked with the Bicycle Lane Symbol pavement marking to call attention to the lane and to the possible presence of bicyclists.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
30" x 24"	2.0	11.5	15.0	1.9	4C	3.1	10.0	11.4	0.4	0.6	B5-3024

COLOR:

TOP:

SYMBOL:

WHITE (REFLECTORIZED)

BACKGROUND:

BLACK (NON-REFLECTORIZED)

BOTTOM:

LEGEND:

BLACK (NON-REFLECTORIZED)

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

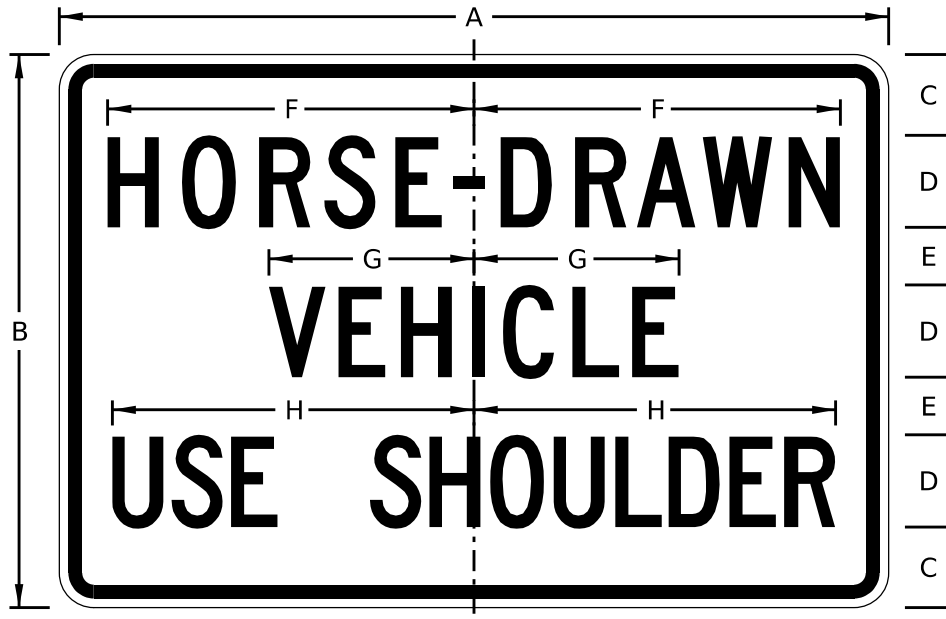
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# R3-104

## HORSE-DRAWN VEHICLE USE SHOULDER SIGN

The Horse-Drawn Vehicle Use Shoulder Sign (R3-104) may be used along roadway grades to inform horse-drawn vehicle operators to use the shoulder so that motorists traveling at higher speeds may have the opportunity to pass. The End Sign (R3-9DP) shall be placed directly above the R3-104 sign where the available shoulder section ends.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
36" x 24"	3.5	4C	2.5	15.9	8.9	15.7	0.4	0.8	B5-3624

COLOR:

LEGEND AND BORDER:  
BLACK (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

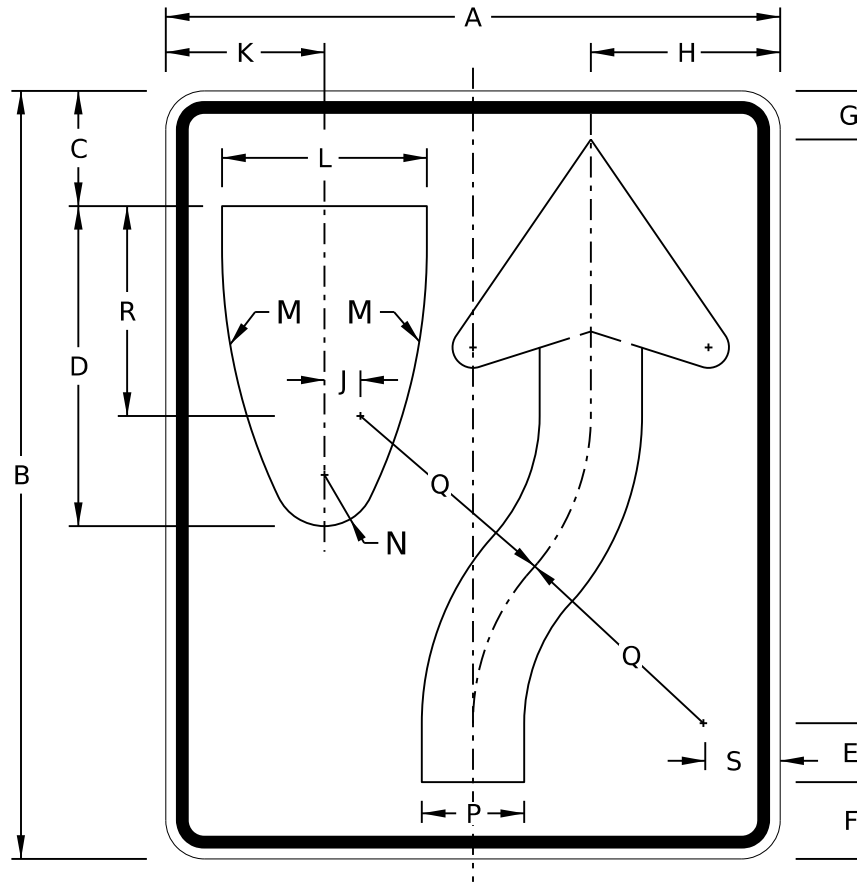
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R4-7

## KEEP RIGHT SIGN

The Keep Right Sign (R4-7) may be used at the ends of medians, parkways, loading islands, and refuge islands, at traffic islands and at underpass piers, where traffic is required to keep to the right of such obstructions. The R4-7 sign may not always be necessary at intermediate ends of divisional islands and medians and should not be used with other signs that obviously mark locations where motorists know they must pass on the right.

The standard size of the R4-7 sign is 24" x 30", except on expressways the standard size is 36" x 48". It may also be desirable to install a Object Marker (OM1-3) on the same sign post with the top of the marker at an appropriate 4' height.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN																		
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	MAR- GIN	BOR- DER	BLANK STD.
24" x 30"	4.4	12.6	2.2	3.0	2.0	7.4	1.4	6.2	8.0	30.0	2.0	4.0	9.0	8.4	3.0	0.4	0.6	B5-3024
36" x 48"	6.8	18.8	5.0	4.4	2.8	11.2	1.8	9.4	12.0	45.0	3.0	6.0	13.6	13.8	4.4	0.6	0.8	B5-4836
48" x 60"	9.0	25.0	4.6	6.0	3.8	14.8	2.8	12.4	16.0	60.0	4.0	8.0	18.0	16.4	6.0	0.8	1.0	B5-6048

COLOR:

LEGEND, ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

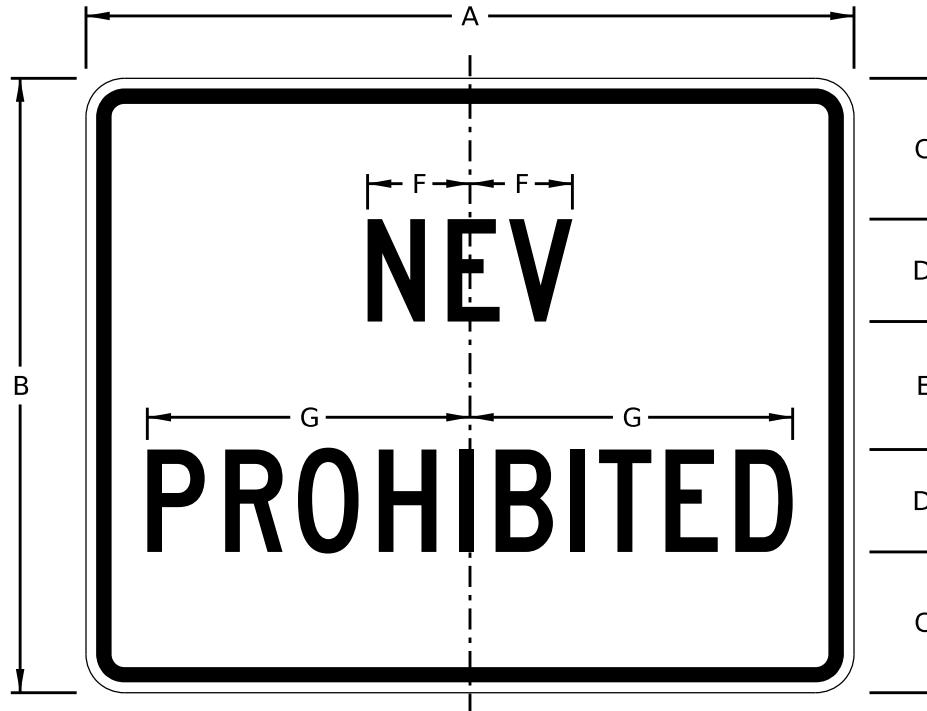
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R4-108

## NEV PROHIBITED SIGN

The NEV Prohibited Sign (R4-108) shall be used to Indicate that Neighborhood Electric Vehicles (NEVs) are prohibited from using the roadway. The R4-108 sign shall be installed in accordance with the department's NEV policy.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
30" x 24"	5.5	4C	5.0	4.0	12.6	0.4	0.6	B5-3024

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

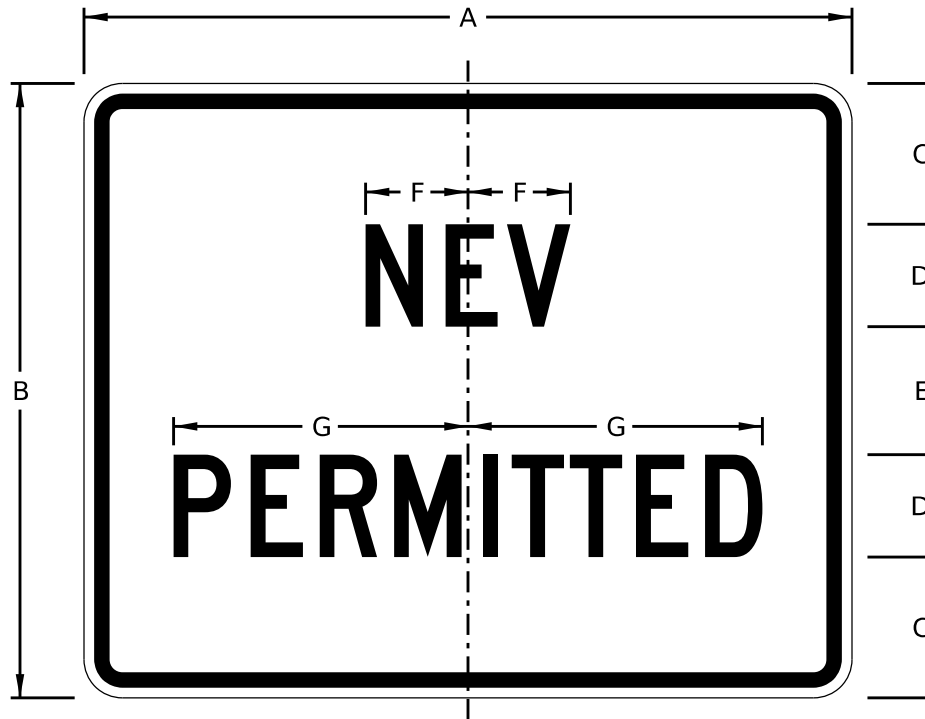
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R4-109

## NEV PERMITTED SIGN

The NEV Permitted Sign (R4-109) shall be used to indicate that Neighborhood Electric Vehicles (NEVs) are permitted to use the roadway. The R4-109 sign shall be installed in accordance with the department's NEV policy.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
30" x 24"	5.5	4C	5.0	4.0	11.5	0.4	0.6	B5-3024

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R4-110

## THRU TRAFFIC STAY LEFT SIGN

The Thru Traffic Stay Left Sign (R4-110) may be used in advance of a right-hand exit which is followed by a right lane drop. The word "RIGHT" may be substituted for the word "LEFT" for a left-hand exit which is followed by a left lane drop.



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
60" x 60"	7.4	8E	4.4	15.4	25.0	15.5	14.0	-	1.4	B3-60

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

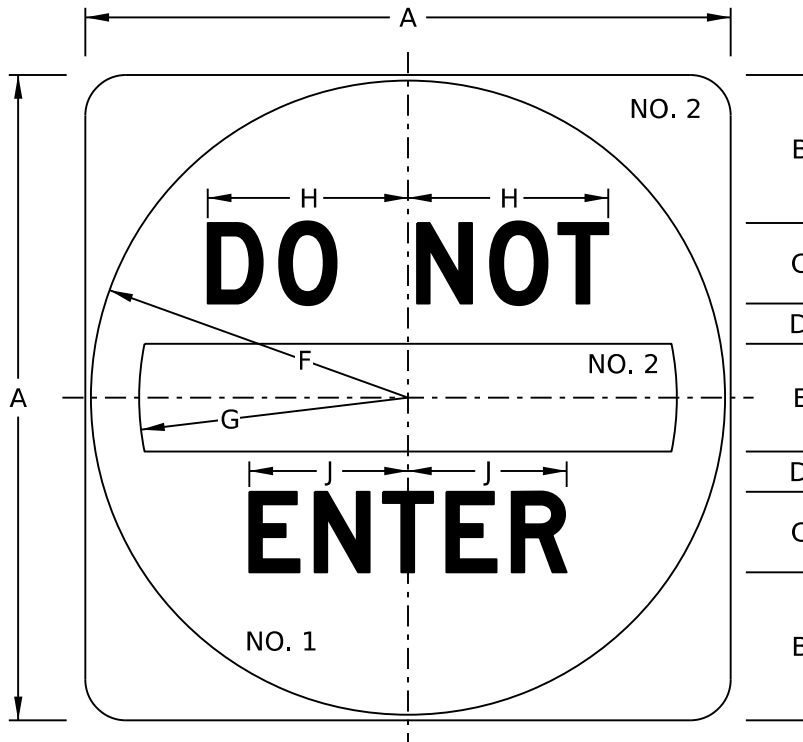
# R5-1

## DO NOT ENTER SIGN

(a) Justification. The Do Not Enter Sign (R5-1) shall be authorized for use to prohibit traffic from entering a restricted road section. The R5-1 sign shall be used in accordance with MUTCD Chapter 2B Regulatory Signs.

(b) Placement. The R5-1 sign should be mounted facing traffic entering the roadway or ramp in the wrong direction. However, a second sign may be used, particularly where traffic approaches from an intersecting roadway.

(c) Size. The standard size of the R5-1 sign shall be 30" x 30" for single lane conventional highways, 36" x 36" for multi-lane conventional highways and expressways, and 48" x 48" for freeways.



DIMENSIONS - IN											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	6.6	4D	1.9	5.0	14.6	12.4	9.9	7.9	-	-	B3-30
36" x 36"	7.6	5D	2.4	6.0	17.6	15.0	12.4	9.8	-	-	B3-36
48" x 48"	11.0	6D	3.0	8.0	23.6	20.0	14.9	11.8	-	-	B3-48

COLOR:

NO: 1

LEGEND:

WHITE (REFLECTORIZED)

BACKGROUND:

RED (REFLECTORIZED)

NO: 2

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

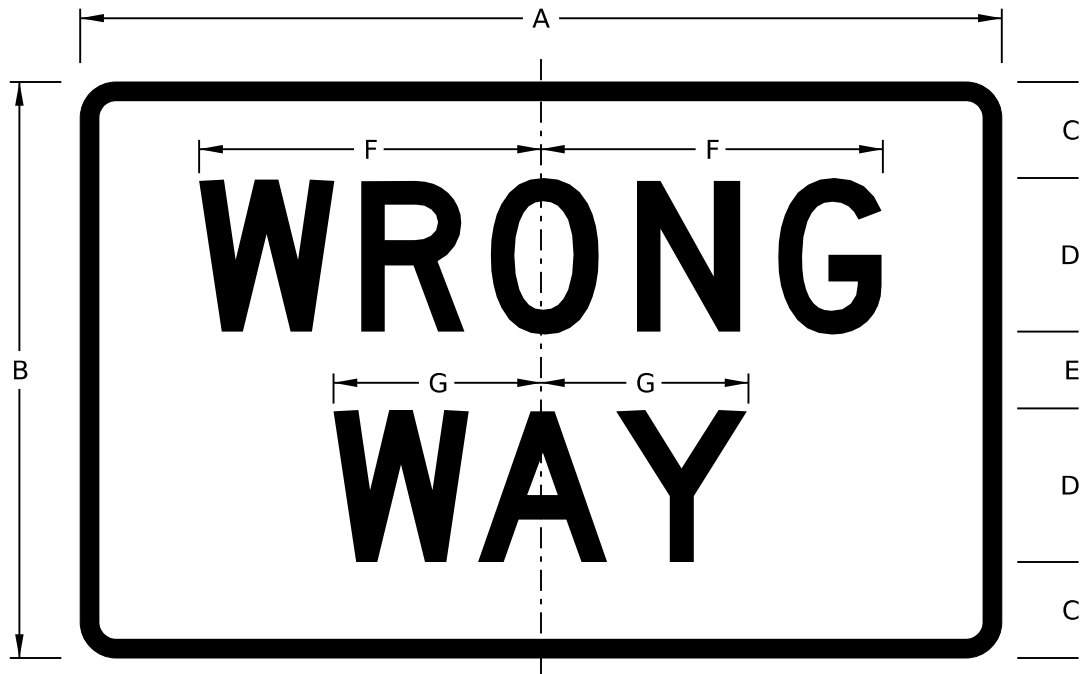
# R5-1A

## WRONG WAY SIGN

The Wrong Way Sign (R5-1A) may be used as a supplement to the Do Not Enter Sign (R5-1) where a crossroad intersects a one-way roadway in a manner that does not physically discourage or prevent wrong-way entry.

The R5-1A sign should be placed at a location along the one-way roadway farther from the crossroad than the Do Not Enter Sign.

The standard size of the R5-1A shall be 36" x 24" for single lane conventional highways and 48" x 30" for multi-lane conventional highways and freeways.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
36" x 24"	4.4	6D	3.2	13.3	8.1	-	0.8	B5-3624
48" x 30"	5.0	8D	4.0	17.8	10.8	-	1.0	B5-4830

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
RED (REFLECTORIZED)

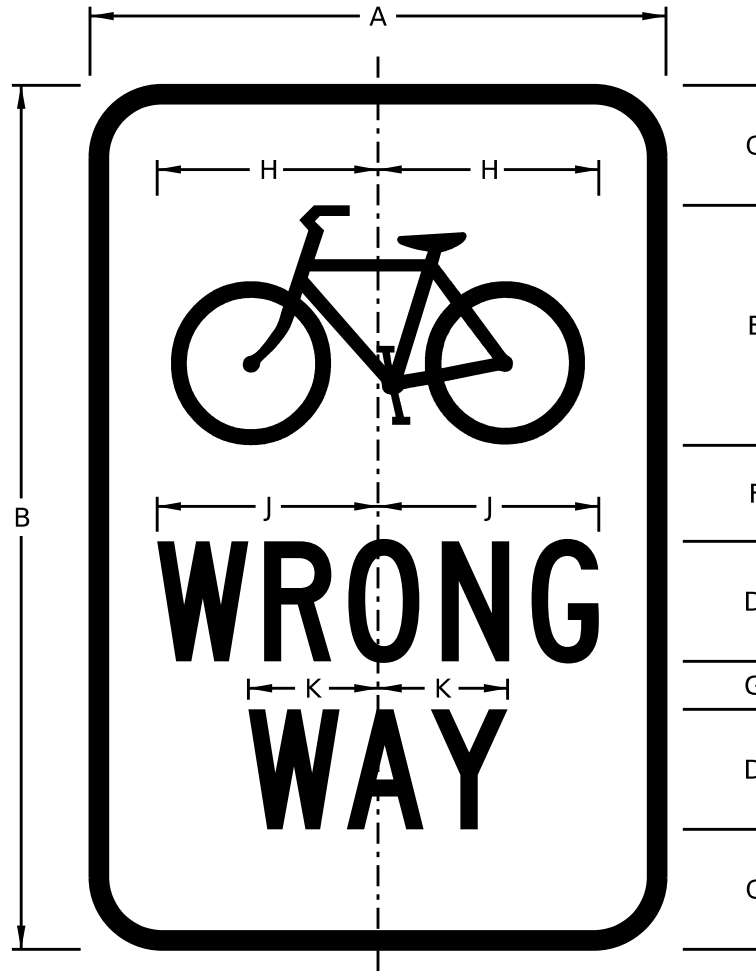
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R5-1B

## BICYCLE WRONG WAY SIGN

The Bicycle Wrong Way Sign (R5-1B) may be placed facing wrong-way bicycle traffic, such as on the left side of a roadway. The R5-1B may be mounted back-to-back with other signs to minimize visibility to other traffic and should be mounted above the Ride With Traffic Plaque (R9-3CP).



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	G	H	MAR- GIN	BOR- DER	BLANK STD.
12" x 18"	2.5	2.5C	5.0	2.0	1.0	4.4	4.6	2.7	-	0.4	B5-1218

COLOR:

LEGEND, SYMBOL AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : 08-29-12  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

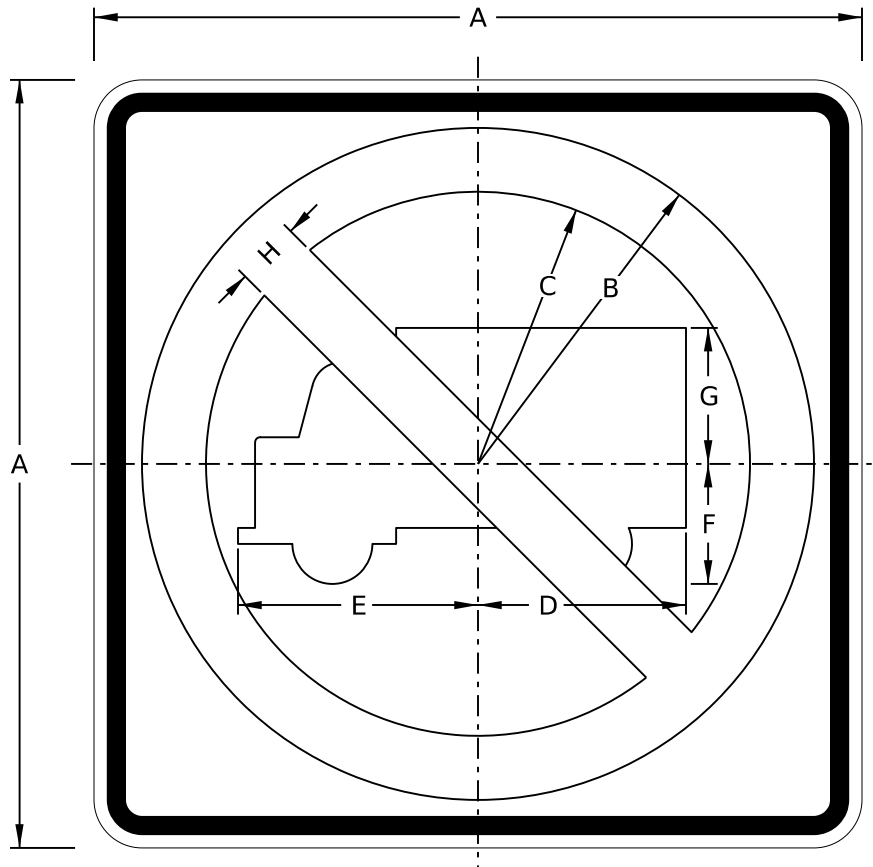


# R5-2

## NO TRUCK SIGN

(a) Justification. The No Truck Sign (R5-2) shall be authorized for use to prohibit trucks, except that such vehicles may be operated thereon for the purpose of delivering or picking up materials or merchandise. When local truck deliveries are permitted, the Except Local Delivery Plaque (R5-2AP) shall be mounted beneath the R5-2 sign.

(b) Size. The standard size of the R5-2 sign shall be 24" x 24".



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	10.5	8.5	6.5	7.5	1.8	4.3	2.0	0.4	0.6	B3-24
30" x 30"	13.2	10.6	8.1	9.4	4.7	5.3	2.6	0.4	0.8	B3-30
36" x 36"	15.8	12.8	9.8	11.3	5.6	6.4	3.0	0.6	1.0	B3-36
48" x 48"	21.0	17.0	13.0	15.0	7.5	8.5	4.0	0.8	1.2	B3-48

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

CIRCLE AND SLASH:  
RED (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

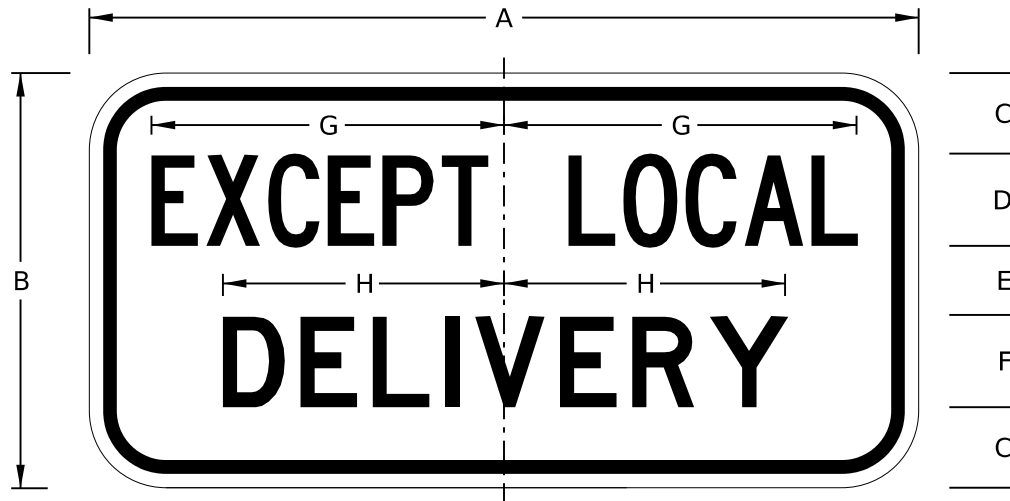
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R5-2AP

## EXCEPT LOCAL DELIVERY PLAQUE

The Except Local Delivery Plaque (R5-2AP) may be used below the No Trucks Sign (R5-2), Weight Limit ( ) Tons Sign (R12-1), and the Except combinations ( ) Tons Plaque (R12-1DP) when kinds of classes of vehicles are prohibited except for local deliveries. Local deliveries are defined as deliveries going to or from a residence, commercial establishment, or farm located on a posted highway or which can be reached only via a posted highway. The R5-2AP plaque shall not, however, be used when a bridge or other structure is not capable of supporting the legal weight limit.

When used the R5-2AP plaque shall be mounted below the R5-2, R12-1, or R12-1DP sign. The R5-2AP plaque shall be the same width as the sign it supplements.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	2.5	2.5C	2.0	2.5D	9.7	7.6	0.4	0.4	B5-2412
30" x 15"	3.0	3.3C	2.4	3.3D	12.6	9.9	0.4	0.5	B5-3015
36" x 18"	3.5	4C	3.0	4D	15.3	12.2	0.4	0.6	B5-3618

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

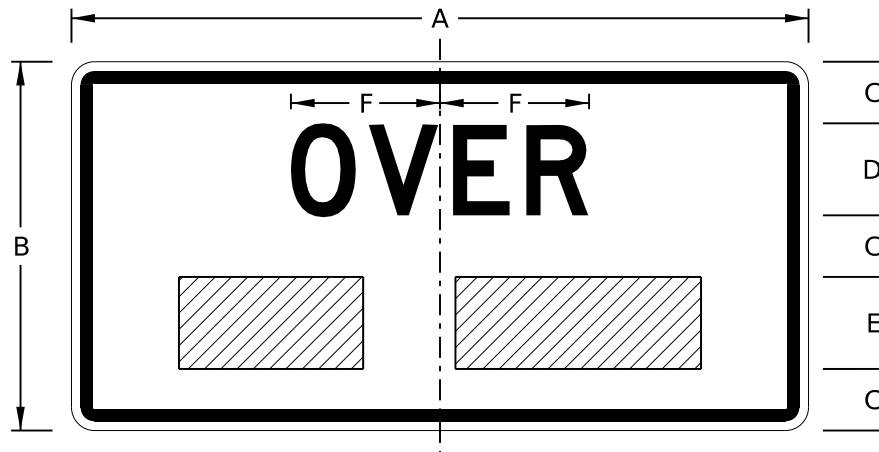
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R5-2-4P

## TRUCK WEIGHT (LENGTH) RESTRICTION PLAQUE

(a) Justification. The Truck Weight (Length) Restriction Plaque (R5-2-4P) shall be authorized for use in conjunction with the No Trucks Sign (R5-2) when it has been determined in accordance with engineering and traffic studies, that the length or weight of trucks prohibited should be defined.

(b) Placement. The R5-2-4P plaque, when used, shall be mounted below the No Trucks Sign (R5-2).



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	2.0	3D	3*	5.0	0.4	0.4	B5-2412
30" x 15"	2.0	4D	4*	6.4	0.4	0.4	B5-3015
36" x 18"	3.0	5D	5*	8.1	0.6	0.6	B5-3618
48" x 24"	4.0	6D	6*	9.7	0.6	0.8	B5-4824

\*CHOOSE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R5-2-5P

## EXCEPT LOCAL TRAFFIC PLAQUE

The Except Local Traffic Plaque (R5-2-5P) may be used in conjunction with a regulatory or detour sign when it is desirable to influence through traffic from entering a specific area.



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	4.1	5C	3.4	4.1	10.1	8.4	11.1	0.6	0.6	B3-30

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

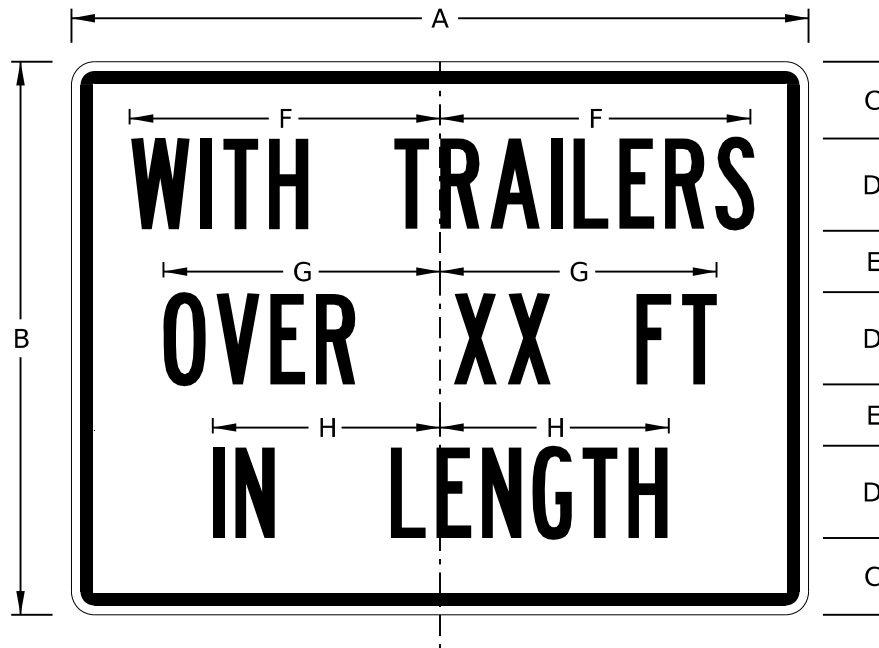
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R5-2P-6

## TRUCK TRAILER LENGTH RESTRICTION PLAQUE

The Truck Trailer Restriction Plaque (R5-2P-6) shall be authorized for use in conjunction with the No Trucks Sign (R5-2) when it has been determined in accordance with engineering and traffic studies, that the length of truck trailers being prohibited should be defined.

The R5-2P-6 Plaque shall be mounted below the No Trucks Sign (R5-2), and its width shall match the width of the R5-2 sign it supplements.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	2.5	3B	2.0	10.1	9.0	7.4	0.4	0.4	B5-2418
30" x 24"	3.0	4B	3.0	13.2	12.0	9.9	0.4	0.4	B5-3024
36" x 30"	3.5	5B	4.0	16.3	15.0	12.4	0.4	0.6	B5-3630
48" x 36"	4.0	6B	5.0	19.7	18.0	14.9	0.6	0.8	B5-3648

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

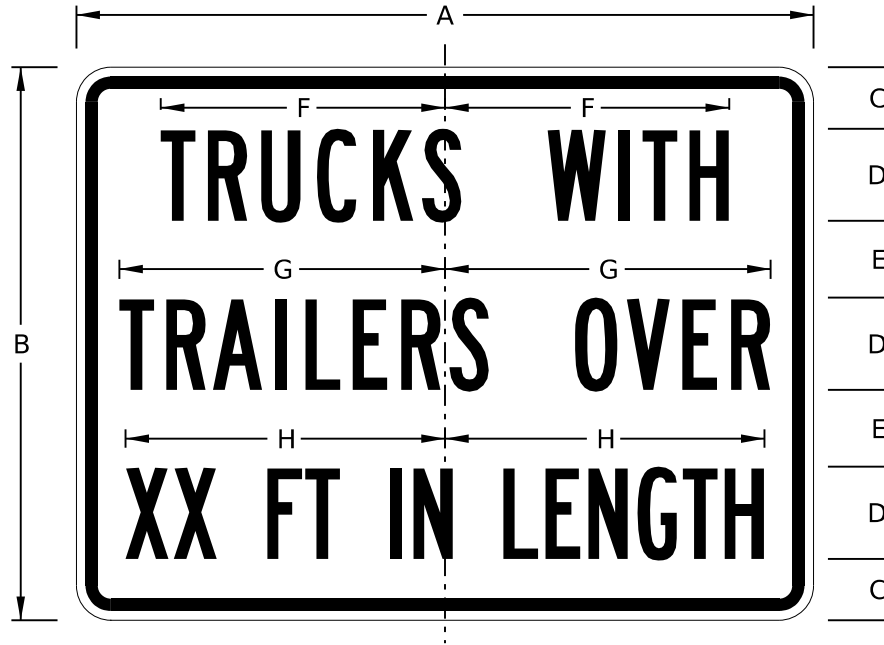
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R5-2P-7

## TRUCK WITH TRAILERS LENGTH RESTRICTION PLAQUE

The Trucks With Trailers Length Restriction Plaque (R5-2P-7) shall be authorized for use to supplement the No Right Turn Sign (R3-1), No Left Turn Sign (R3-2), No Turns Sign (R3-3), or other signs as applicable, when it has been determined in accordance with engineering and traffic studies the restriction only applies to trucks with trailers over a given length. The width of the R5-2P-7 Plaque shall match the width of the sign it supplements.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	2.5	3B	2.0	9.0	10.3	10.6	0.4	0.4	B5-2418
30" x 24"	3.0	4B	3.0	12.1	13.4	13.4	0.4	0.4	B5-3024
36" x 30"	3.5	5B	4.0	14.8	16.6	16.5	0.4	0.6	B5-3630
48" x 36"	4.0	6B	5.0	18.5	21.2	20.8	0.6	0.8	B5-4836

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

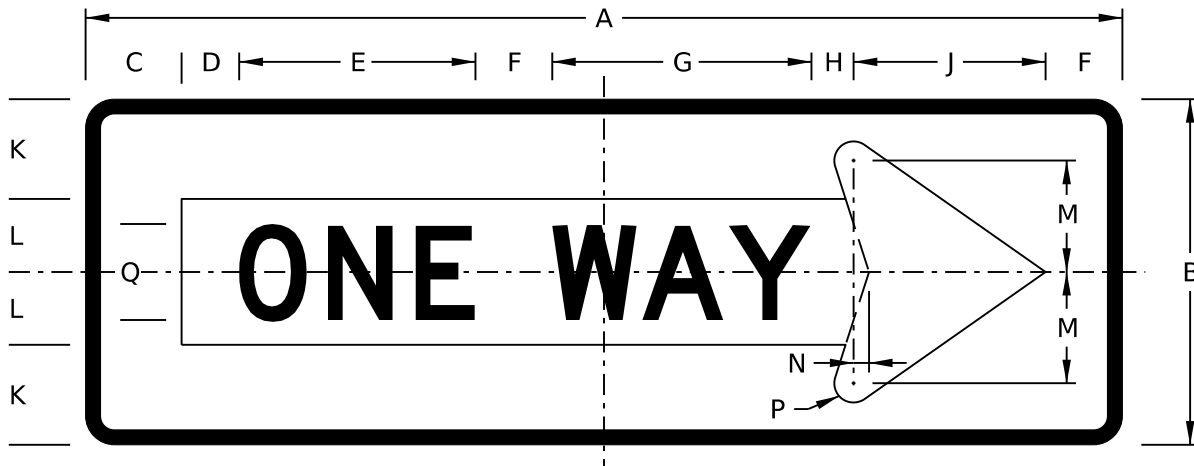
BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

## HORIZONTAL RIGHT ONE-WAY SIGN

(c) **Size.** The standard size of the R6-1R sign for single lane conventional highways shall be 36" x 12". The standard size for multi-lane conventional highways and expressways shall be 54" x 18". See General Notes for additional guidance.



DIMENSIONS - IN																
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	MAR- GIN	BOR- DER	BLANK STD.
36" x 12"	3.0	1.2	9.1	2.2	10.6	0.5	7.2	3.4	2.6	4.2	0.6	0.7	4D*	-	0.4	B5-3612
54" x 18"	5.0	3.0	12.3	4.0	13.5	2.2	10.0	5.2	3.8	5.8	0.8	1.0	5D	-	0.8	-----

By : \_\_\_\_\_ Date : \_\_\_\_\_  
 Manager, Traffic Engineering & Permits Section,  
 Bureau of Operations

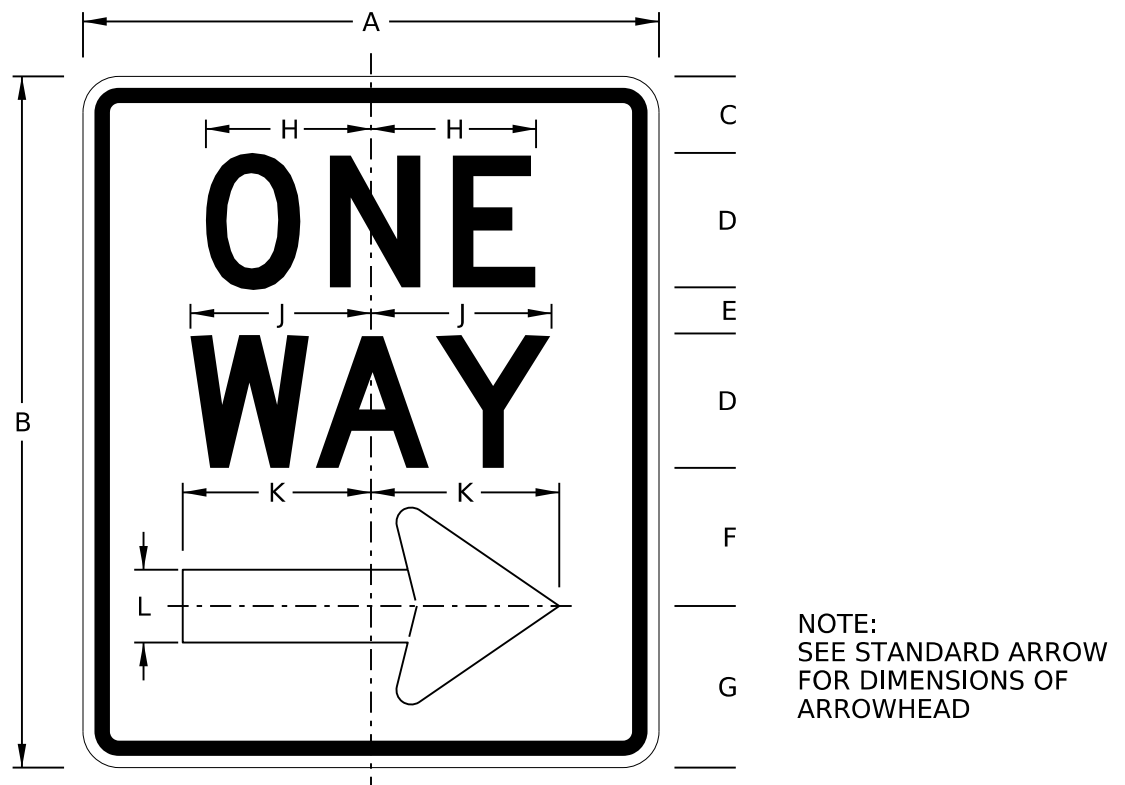
# R6-2R

## VERTICAL RIGHT ONE-WAY SIGN

(a) Justification. The Vertical Right One-Way Sign (R6-2R) shall be authorized for use only when lateral space is limited, in lieu of the Horizontal Right One-Way Sign (R6-1R) and for overhead installations. Where the central island of a roundabout allows for installation of signs, the R6-2R sign may be used to direct traffic counter-clockwise around the central island.

(b) Size. The standard size of the R6-2R sign for single lane conventional highways shall be 24" x 30" for post-mounted signs. The standard size for overhead installations and multi-lane conventional highways shall be 30" x 36". See General Notes for additional guidance.

(c) Placement. Where used on the central island of a roundabout, the mounting height of a R6-2R sign should be at least 4 feet, measured vertically from the bottom of the sign to the elevation of the near edge of the traveled way.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
18" x 24"	2.6	5D	1.4	4.6	5.4	6.2	6.8	5.8	2.2	0.4	0.6	B5-2418
24" x 30"	3.0	6D	1.8	6.0	7.2	7.4	8.1	8.0	3.0	0.4	0.6	B5-3024
30" x 36"	4.0	7D	2.4	7.2	8.4	8.6	9.4	9.8	3.8	0.6	0.8	B5-3630

COLOR:

LEGEND, ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

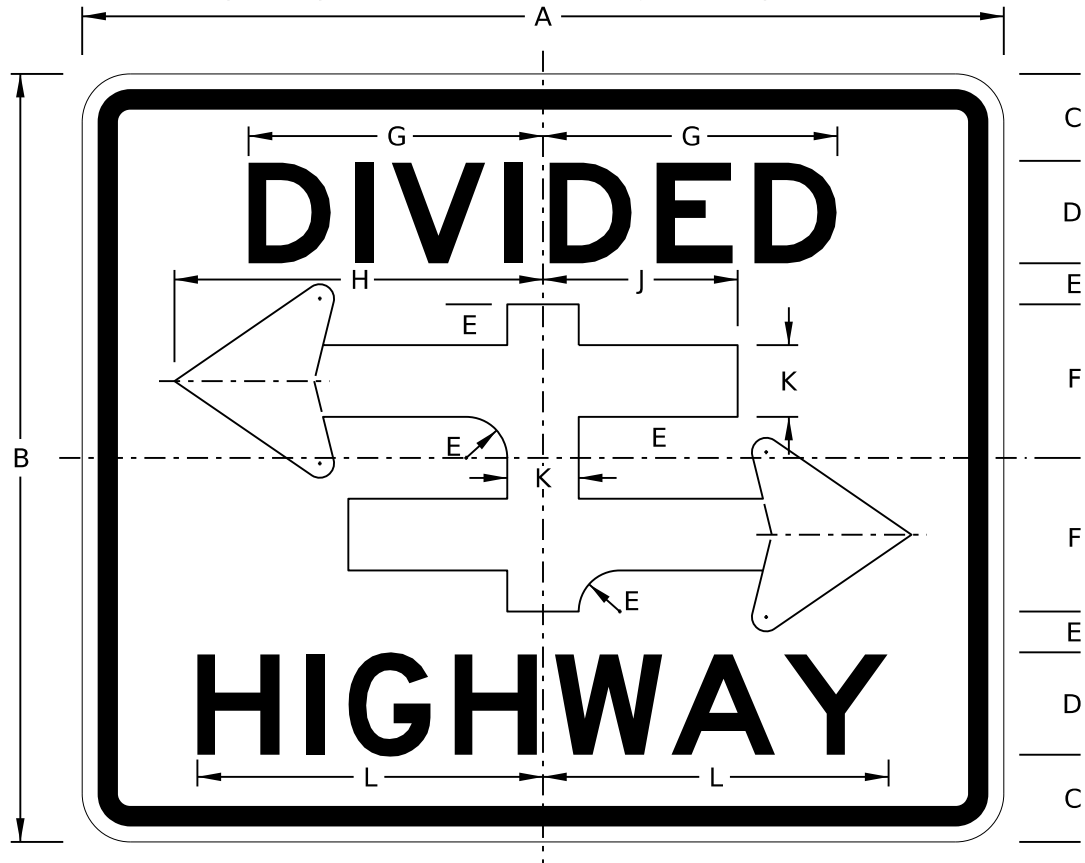


# R6-3

## DIVIDED HIGHWAY CROSSING SIGN

(a) Justification. The Divided Highway Crossing Sign (R6-3) shall be used on unsignalized minor-street approaches from which both left-turns and right-turns are permitted onto a divided highway at a crossing that functions as two separate intersections. If the divided highway has traffic volume of less than 400 AADT and a speed limit of 25 mph or less, at a crossing that functions as two separate intersections, the R6-3 signs facing the unsignalized minor-street approaches may be omitted. The R6-3 sign may be used on unsignalized and signalized minor-street approaches from which left-turns and right-turns are permitted onto a divided highway to advise road users that they are approaching an intersection with a divided highway.

(b) Placement. When used, the R6-3 sign should be placed below the existing nearside stop or yield sign, or should be mounted separately where traffic control signals are present.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
30" x 24"	3.2	3E	1.2	4.6	8.6	12.0	6.4	2.2	10.1	0.4	0.6	B5-3024
36" x 30"	3.4	4E	1.6	6.0	11.5	14.4	7.6	2.8	13.5	0.6	0.8	B5-3630

COLOR:

LEGEND, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

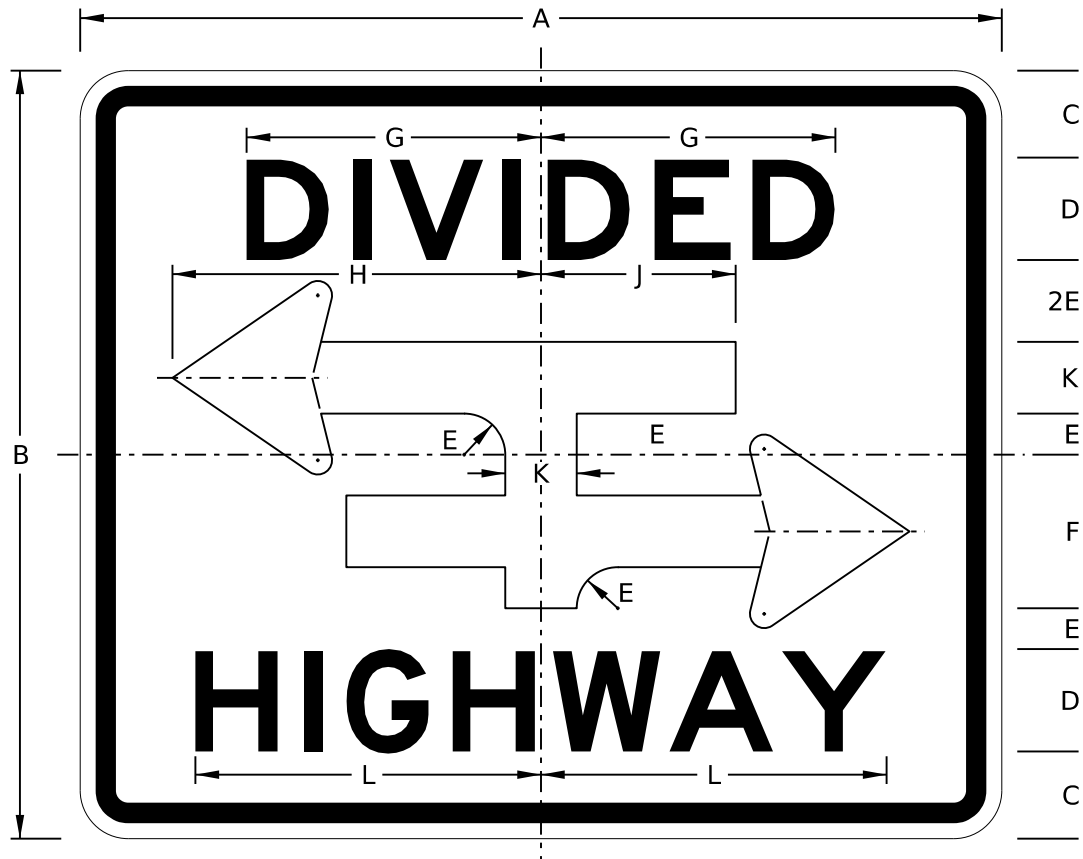
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R6-3A

## DIVIDED HIGHWAY SIDEROAD CROSSING SIGN

(a) Justification. The Divided Highway Sideroad Crossing Sign (R6-3A) shall be used on unsignalized minor-street approaches from which both left-turns and right-turns are permitted onto a divided highway at a crossing that functions as two separate intersections. If the divided highway has a traffic volume of less than 400 AADT and a speed limit of 25 mph or less, at a crossing that functions as two separate intersections, the R6-3A signs facing the unsignalized minor-street approaches may be omitted. The R6-3A sign may be used on unsignalized and signalized minor-street approaches from which left-turns and right-turns are permitted onto a divided highway to advise road users that they are approaching an intersection with a divided highway.

(b) Placement. When used, the R6-3A sign should be placed below the existing nearside stop or yield sign, or should be mounted separately where traffic control signals are present.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
30" x 24"	3.2	3E	1.2	4.6	8.6	12.0	6.4	2.2	10.1	0.4	0.6	B5-3024
36" x 30"	3.4	4E	1.6	6.0	11.5	14.4	7.6	2.8	13.5	0.6	0.8	B5-3630

COLOR:

LEGEND, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

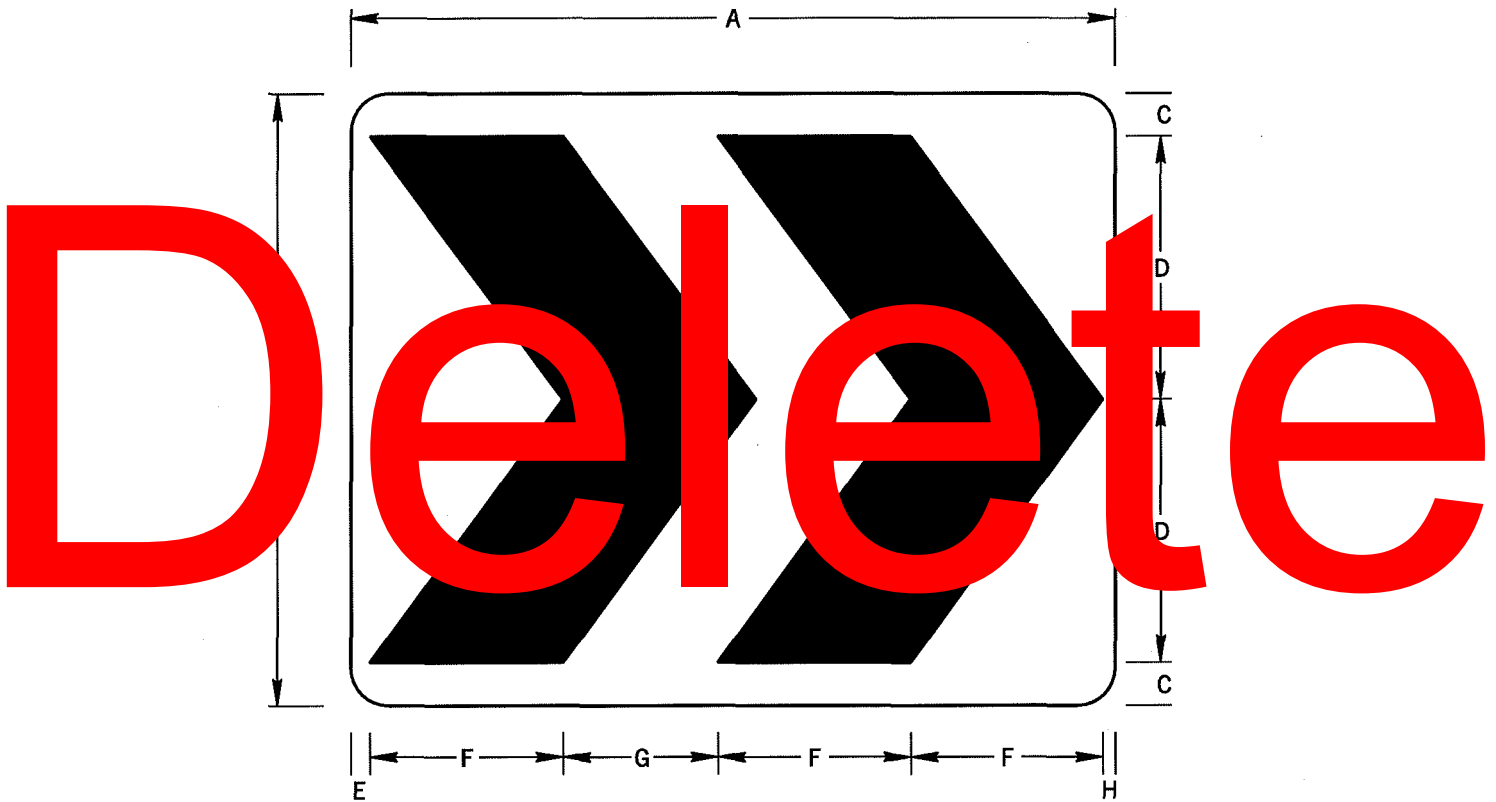
# R6-4

## ROUNDBABOUT DIRECTIONAL (2 CHEVRONS) SIGN

**Justification:** The Roundabout Directional (2 Chevrons) (R6-4) sign shall be installed on the central island of roundabouts with single lane approaches to indicate the direction of travel within the circulatory roadway. The Horizontal Right One-Way Sign (R6-1R) shall be installed directly above the R6-4 whenever the R6-4 is used.

**Placement:** The R6-4 shall be placed on the central island opposite the roundabout entrances. A reduced mounting height of at least 4 feet is permitted.

**Size:** The standard size of the R6-4 shall be 24"x30". On multilane approaches or whenever special circumstances indicate the need for larger signs, the R6-4A or R6-4B shall be used.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
30" x 24"	1.7	10.3	0.7	7.6	6.0	0.5	-	-	B5-3024

### COLOR:

**CHEVRONS:**  
BLACK (NON-REFLECTORIZED)

**BACKGROUND:**  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : John C. Rowe Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

# R6-4A

## ROUNDBABOUT DIRECTIONAL (3 CHEVRONS) SIGN

**Justification:** The Roundabout Directional (3 Chevrons) Sign (R6-4A) shall be installed on the central island of roundabouts with multilane approaches to indicate the direction of travel within the circulatory roadway. The Horizontal Right One-Way Sign (R6-1R) shall be installed directly above the R6-4A whenever the R6-4A is used.

**Placement:** The R6-4A shall be placed on the central island opposite the roundabout entrances. A reduced mounting height of at least 4 feet is permitted.

**Size:** The standard size of the R6-4A shall be 48"x24". The R6-4A may be used whenever special circumstances indicate the need for a sign larger than the R6-4.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
48" x 24"	1.7	10.3	2.5	7.6	6.8	1.5	-	-	B5-4824

**COLOR:**

**CHEVRONS:**  
BLACK (NON-REFLECTORIZED)

**BACKGROUND:**  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Sh C Rowe Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

## R6-4B

### ROUNDBABOUT DIRECTIONAL (4 CHEVRONS) SIGN

**Justification:** The Roundabout Directional (4 Chevrons) Sign (R6-4B) shall be installed on the central island of roundabouts with multilane approaches to indicate the direction of travel within the circulatory roadway. The Horizontal Right One-Way Sign (R6-1R) shall be installed directly above the R6-4B whenever the R6-4B is used.

**Placement:** The R6-4B shall be placed on the central island opposite the roundabout entrances. A reduced mounting height of at least 4 feet is permitted.

**Size:** The standard size of the R6-4B shall be 60"x24". The R6-4B may be used whenever special circumstances indicate the need for a sign larger than the R6-4.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
60" x 24"	1.7	10.3	1.0	7.6	6.8	0.6	-	-	B5-6024

#### COLOR:

**CHEVRONS:**  
BLACK (NON-REFLECTORIZED)

**BACKGROUND:**  
WHITE (REFLECTORIZED)

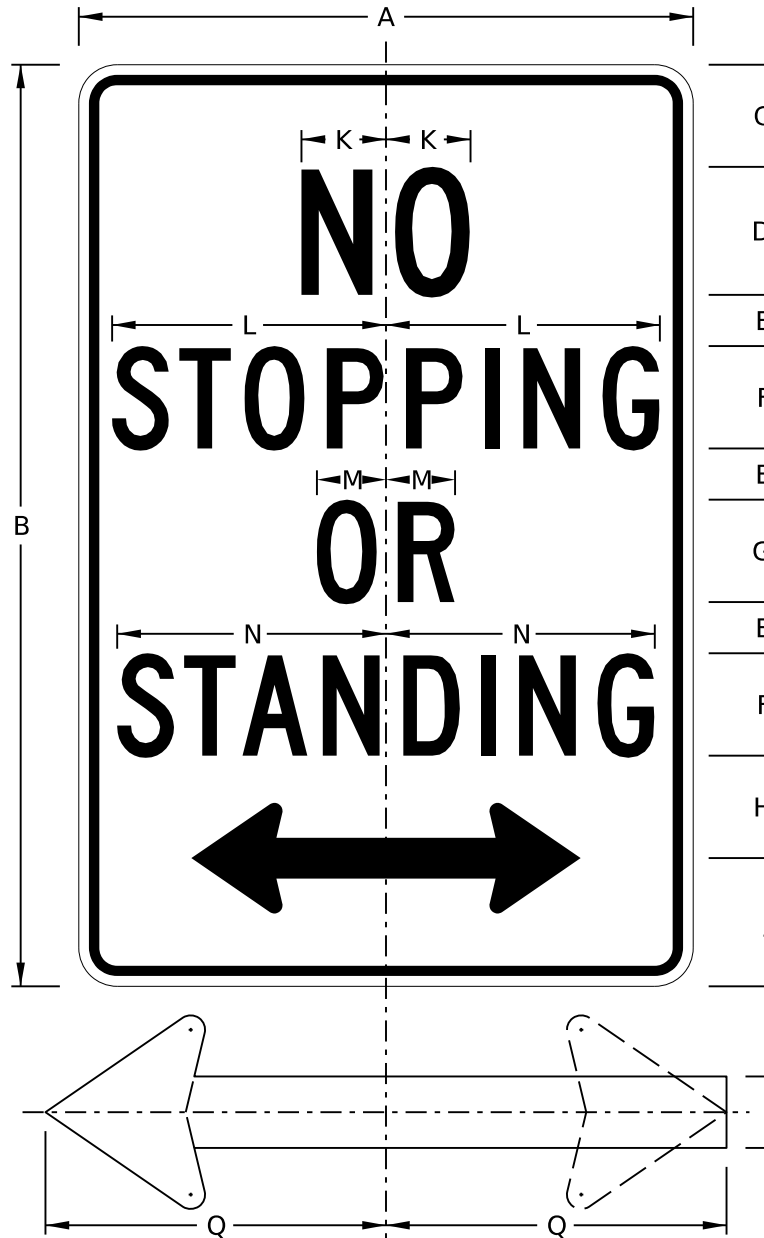
#### APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Sh C Rowe Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

# R7-4A-1

## NO STOPPING OR STANDING SIGN

The No Stopping or Standing Sign (R7-4A-1) shall be authorized for use when even the momentarily halting of a vehicle is prohibited, except when necessary to avoid conflict with traffic or in compliance with the directions of a police officer or traffic-control device.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN																	
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	MAR- GIN	BOR- DER	BLANK STD.	
12" x 18"	2.0	3C	1.0	2C*	2C	1.6	2.4	2.0	4.8	1.4	4.7	0.8	3.8	0.4	0.4	B5-1218	
24" x 36"	4.0	5C	2.0	4C	4C	4.0	5.0	3.3	10.7	2.7	10.5	1.6	7.6	0.4	0.4	B5-3624	

\* REDUCE SPACING 40%

COLOR:

LEGEND, ARROW AND BORDER:  
RED (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

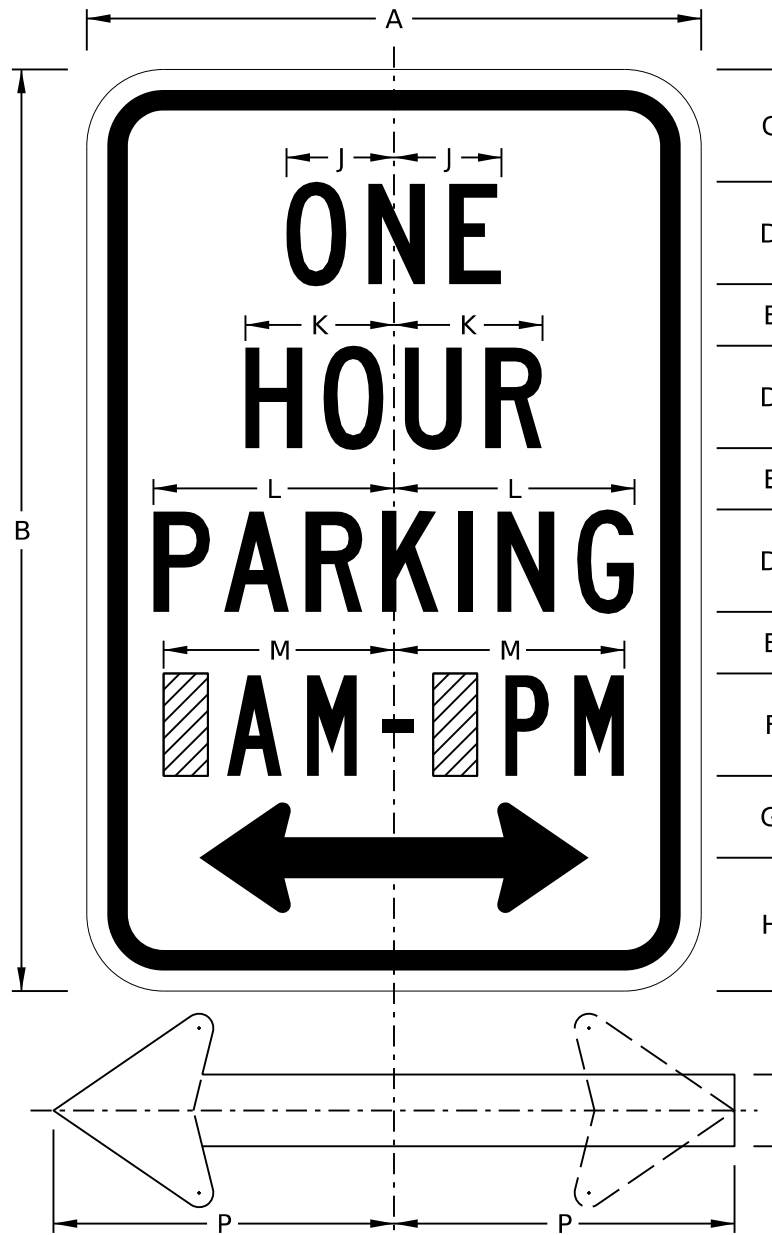
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R7-5-1

## LIMITED TIME PARKING SIGN

The Limited Time Parking Sign (R7-5-1) shall be authorized for use when there is a necessity for limiting the duration of parking. It may be, and is frequently used in conjunction with meter parking. The format of the sign shall include the time limit and hours of effectiveness of the limited time parking.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
12" x 18"	2.2	2C	1.2	2B	1.6	2.6	2.1	2.9	4.7	4.5	0.8	3.8	0.4	0.4	B5-1218

COLOR:

LEGEND, ARROW AND BORDER:  
GREEN (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

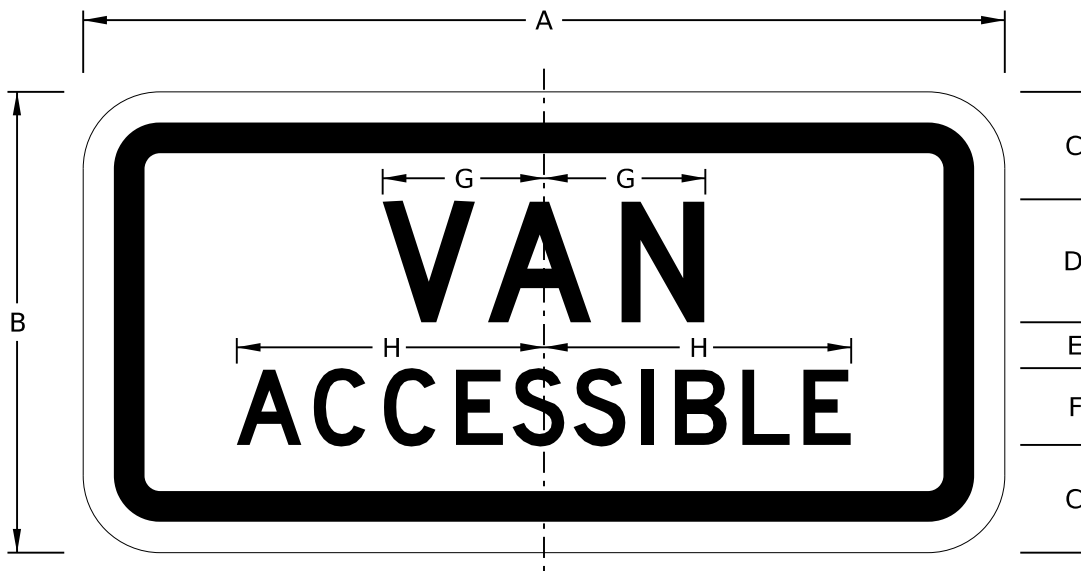
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R7-8AP

## VAN ACCESSIBLE SIGN

The Van Accessible Sign (R7-8AP) may be used as a supplemental sign to indicate that a parking space signed with the Reserved Parking Sign (R7-8) is of sufficient size for use by the disabled to accommodate vans displaying a handicapped or severely disabled veteran registration plate or placard.

One in every eight reserved parking spaces for the disabled, but not less than one, shall be designated with the R7-8AP sign. When used, the R7-8AP sign shall be placed immediately below the Reserved Parking Sign (R7-8).



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
12" x 6"	1.4	1.6D*	0.6	1D	2.1	4.0	0.4	0.4	B5-1206

\* INCREASE SPACING 50%

COLOR:

LEGEND AND BORDER:  
GREEN (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

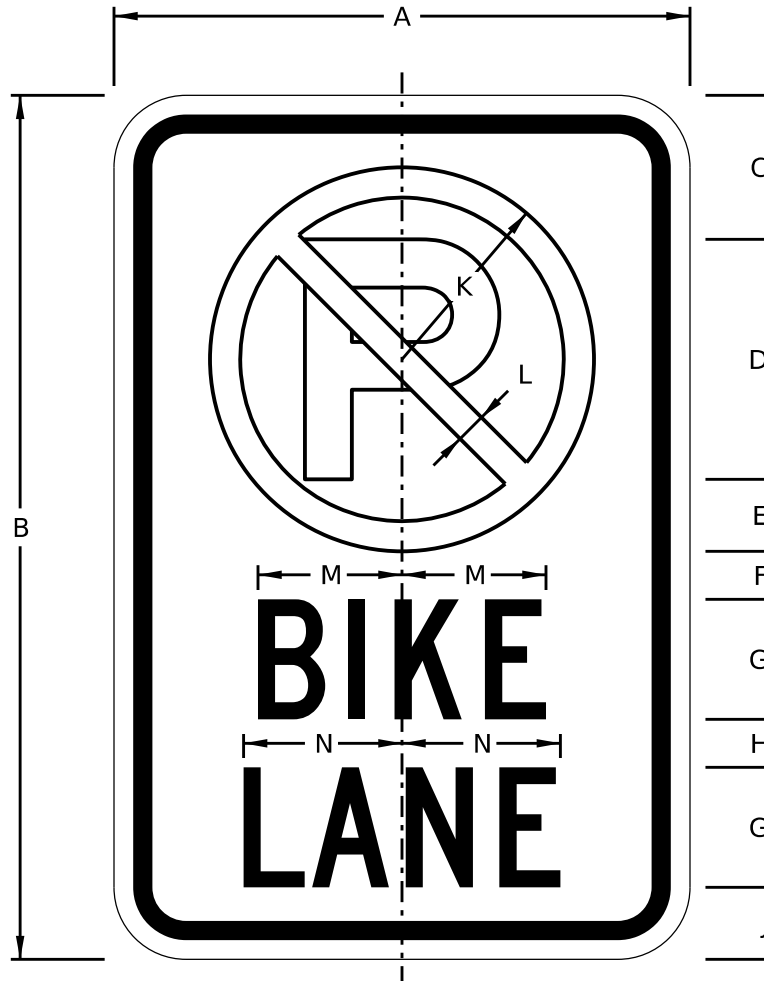
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# R7-9A

## NO PARKING BIKE LANE SIGN

The No Parking Bike Lane Sign (R7-9A) may be used to restrict parking, standing or stopping in a bicycle lane.



DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
12" x 18"	3.0	5E(M)	1.5	1.0	2.5C	1.0	1.5	4.0	0.63	3.0	3.3	0.4	0.4	B5-1218

COLOR:

LEGEND, CIRCLE, DIAGONAL AND BORDER:  
RED (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

"P":  
BLACK (NON-REFLECTORIZED)

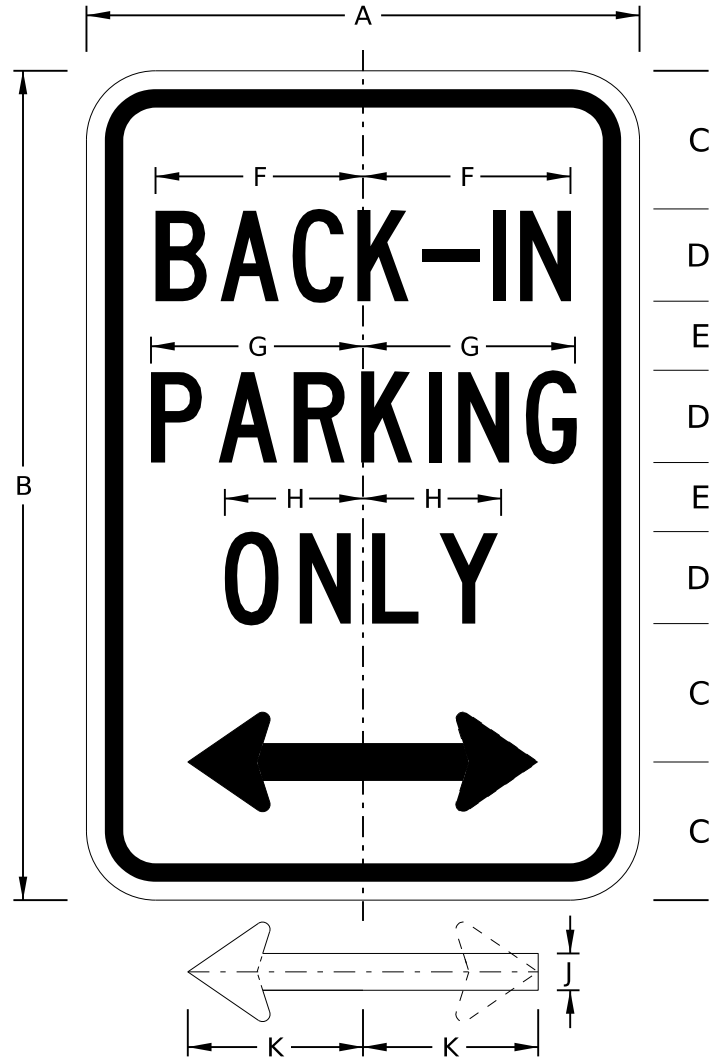
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date :XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R7-10

## BACK-IN PARKING ONLY (ARROW)

The Back-In Parking Only Sign (Arrow) Sign (R7-10) shall be used to designate that multiple parking spaces are available for back-in parking.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
12" x 18"	3.0	2C	1.5	4.5	4.6	2.7	0.8	3.8	0.4	0.4	B5-1218

COLOR:

LEGEND AND BORDER:  
RED (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

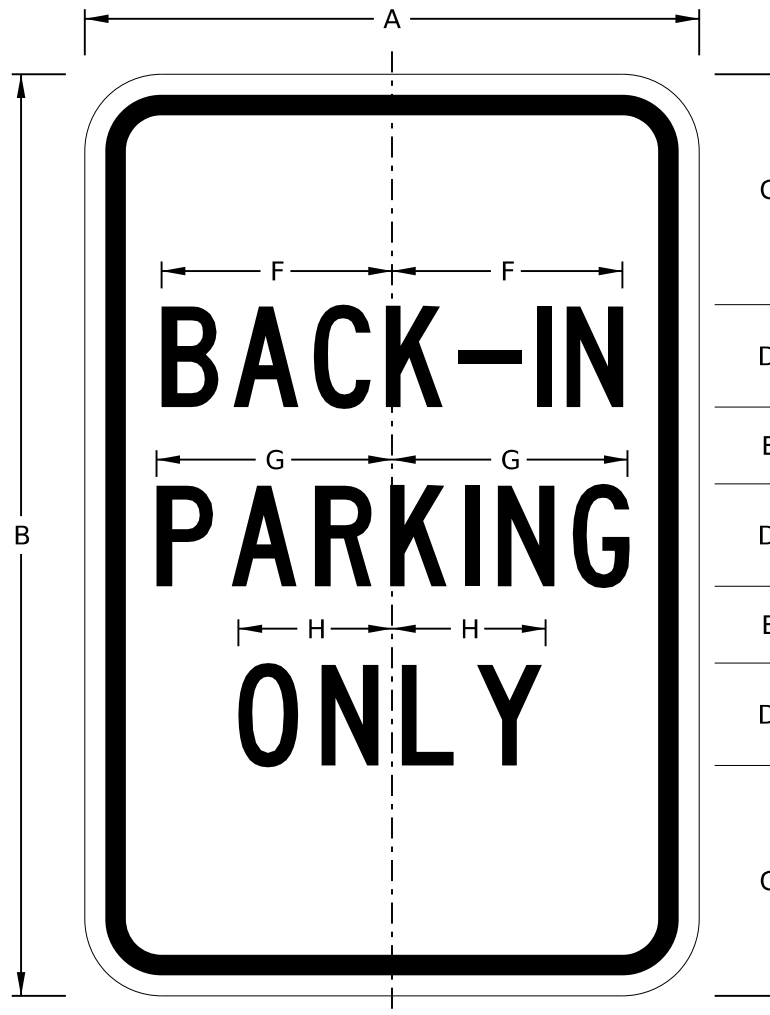
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R7-10-1

## BACK-IN PARKING ONLY

The Back-In Parking Only Sign (R7-10-1) shall be used to indicate that vehicles are required to back in to a singular parking space. The Back-In Parking Only (Arrow) Sign (R7-10) shall be used to designate that multiple parking spaces are available for back-in parking.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
12" x 18"	4.5	2C	1.5	4.5	4.6	2.7	0.4	0.4	B5-1218

COLOR:

LEGEND AND BORDER:  
RED (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

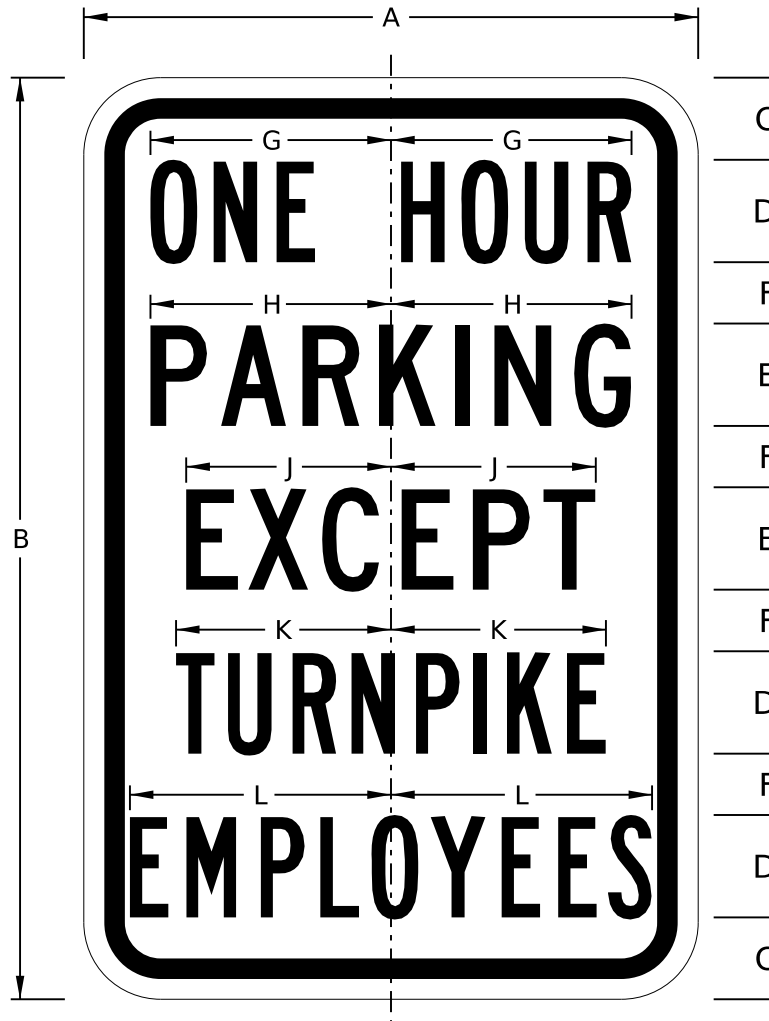
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R7-101

## ONE HOUR PARKING EXCEPT TURNPIKE EMPLOYEES

The One Hour Parking Except Turnpike Employees Sign (R7-101) shall be authorized for use at turnpike toll plazas or other appropriate locations along the turnpike to restrict non-employee parking to a one hour time limit.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
12" x 18"	1.6	2B	2C	1.2	4.7	4.7	4.0	4.2	5.1	0.4	0.4	B5-1218

COLOR:

LEGEND AND BORDER:  
GREEN (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

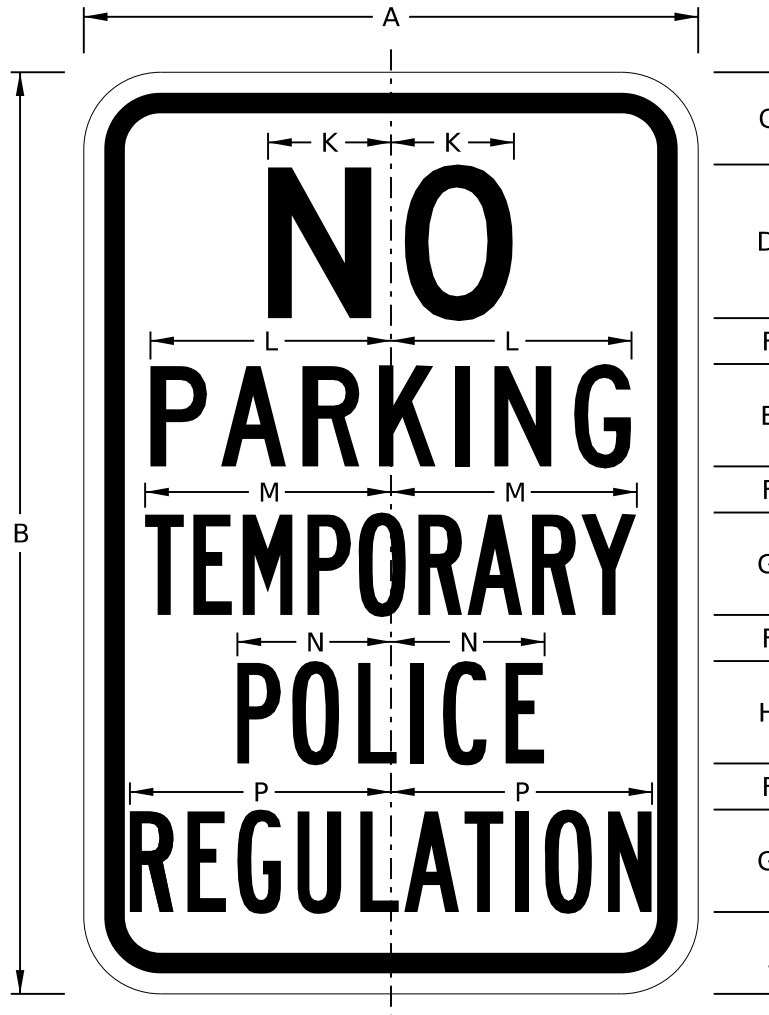
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R7-102

## TEMPORARY NO PARKING SIGN

(a) Justification. The Temporary No Parking Sign (R7-102) shall be authorized for use when local authorities deem it necessary to prohibit parking for a short time on any street or highway. Care shall be taken to see that the signs are removed when their need no longer exists.

(b) Placement. Since the use of this sign is temporary, it may be made of cardboard and attached to poles, trees, or other existing supports at convenient heights, angles, and locations.



DIMENSIONS - IN															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
12" x 18"	1.8	3D	2C	0.9	2C*	2B	1.6	2.4	4.7	4.8	3.0	5.1	0.4	0.4	B5-1218

\* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:  
RED (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

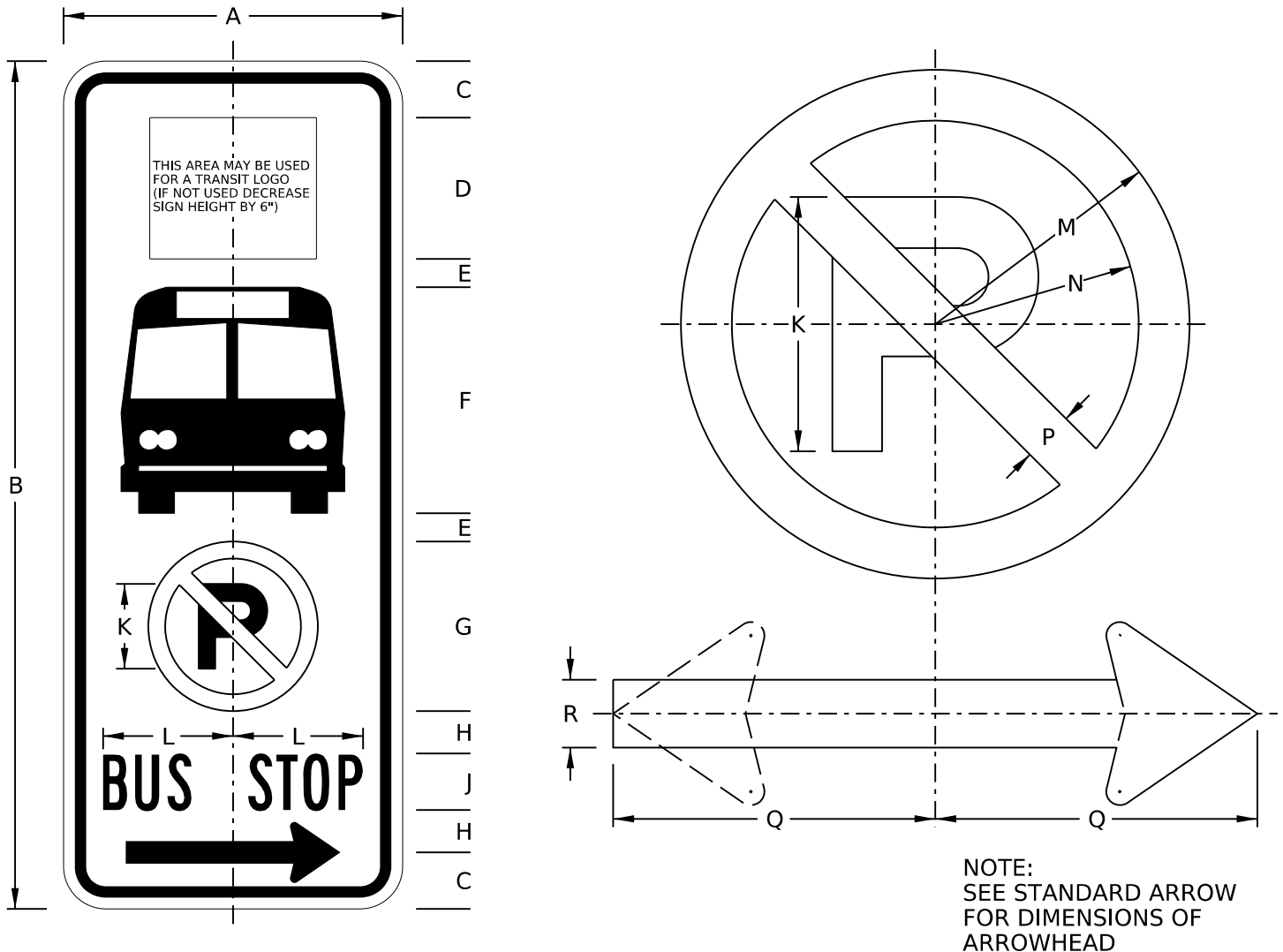
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R7-107B-1

## NO PARKING BUS STOP SIGN

The No Parking Bus Stop Sign (R7-107B-1) shall be authorized for use at all official bus stops as designated by a transit authority or the local authorities. The no-parking symbol and the arrow may be eliminated if parking is already officially restricted within the bus stop area.



DIMENSIONS - IN																	
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	MAR- GIN	BOR- DER	BLANK STD.
12" x 30"	2.0	5.0	1.0	8.0	6.0	1.5	2B	3E(M)	4.6	3.0	2.4	0.6	3.8	0.8	0.4	0.4	B5-3012

COLOR:

LEGEND, BORDER CIRCLE, DIAGONAL AND ARROW: APPROVED FOR THE SECRETARY OF TRANSPORTATION  
RED (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

TRANSIT LOGO, BUS SYMBOL AND LETTER "P":  
BLACK (NON-REFLECTORIZED)

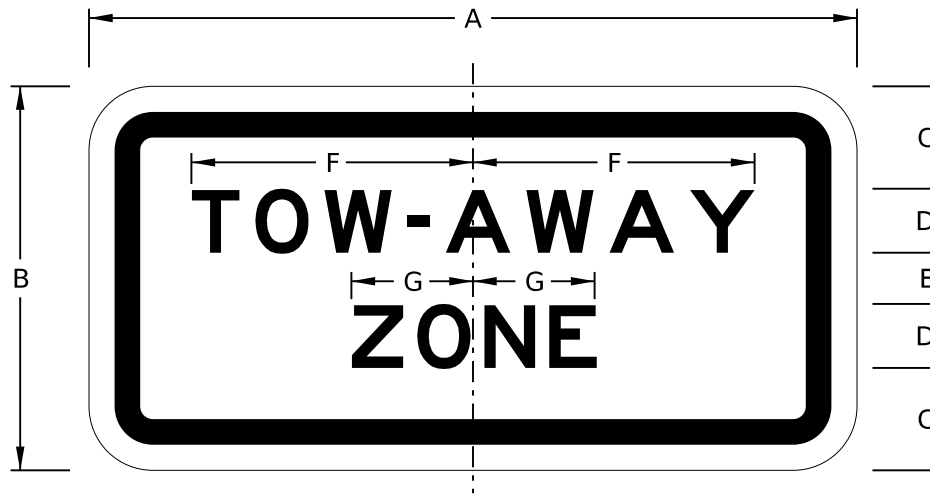
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R7-201AP

## TOW-AWAY ZONE SIGN

(a) Justification. The Tow-Away Zone Sign (R7-201AP) shall be authorized as a supplemental sign to indicate that local authorities tow away vehicles parked within the restricted zone.

(b) Placement. When used, the R7-201AP sign shall be mounted below the sign it supplements.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
12" x 6"	1.6	1E	0.8	4.4	1.9	0.4	0.4	B5-1206
36" x 18"	3.5	4E	3.0	15.6	7.7	0.4	0.6	B5-3618

COLOR:

LEGEND AND BORDER:  
RED (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

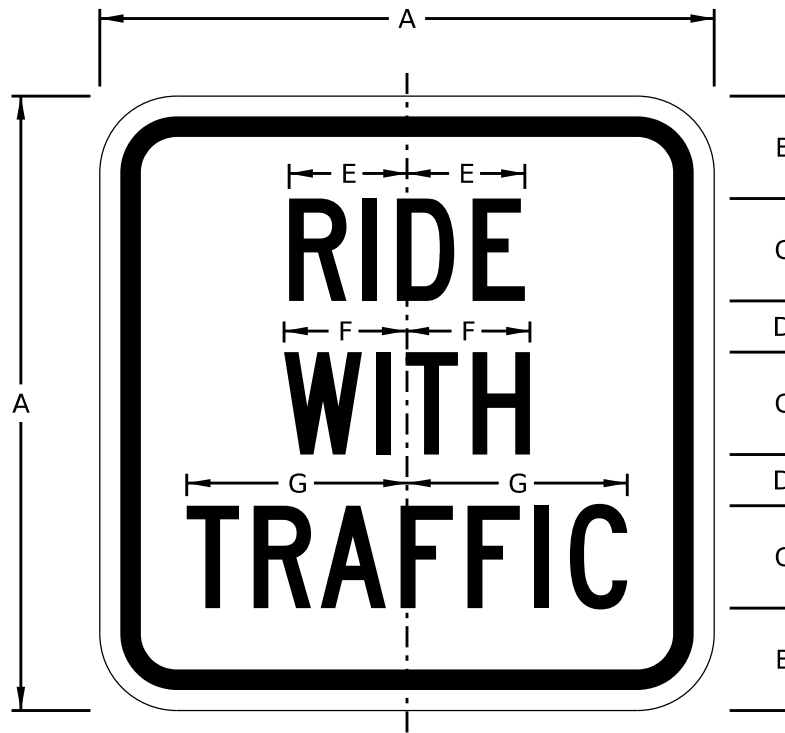
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R9-3CP

## RIDE WITH TRAFFIC PLAQUE

The Ride With Traffic Plaque (R9-3CP) may be placed facing wrong-way bicycle traffic, such as on the left side of a roadway. The R9-3CP may be mounted back-to-back with other signs to minimize visibility to other traffic and should be mounted below the Bicycle Wrong Way Sign (R5-1B).



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
12" x 12"	2.0	2C	1.0	2.3	2.4	4.3	0.4	0.4	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations



# R9-20

## BICYCLES ALLOWED USE OF FULL LANE SIGN

The Bicycles Allowed Use of Full Lane Sign (R9-20) may be used on roadways where no bicycle lanes or adjacent shoulders usable by bicyclists are present and where travel lanes are too narrow for bicycles and motor vehicles to operate side-by-side. The R9-20 sign may be used in locations where it is important to inform road users that bicyclists might occupy the travel lane.



DIMENSIONS - IN															
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.	
30" x 30"	2.3	9.0	1.5	3.5D	2.0	3.5D*	2.7	7.9	10.3	8.1	12.0	0.5	0.8	B3-30	

\*REDUCE SPACING 20%

COLOR:

LEGEND, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R9-22

## BICYCLES MUST EXIT

The Bicycles Must Exit Sign (R9-22) shall be used in advance of a location where a freeway or expressway becomes prohibited to bicycle travel and shall be placed in advance of the intersection or exit ramp prior to the prohibited segment of roadway.



DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
24" x 30"	2.0	4C*	2.6	4C	6.8	9.6	5.6	4.2	5.4	2.7	12.0	0.4	0.6	B5-3024

\*REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

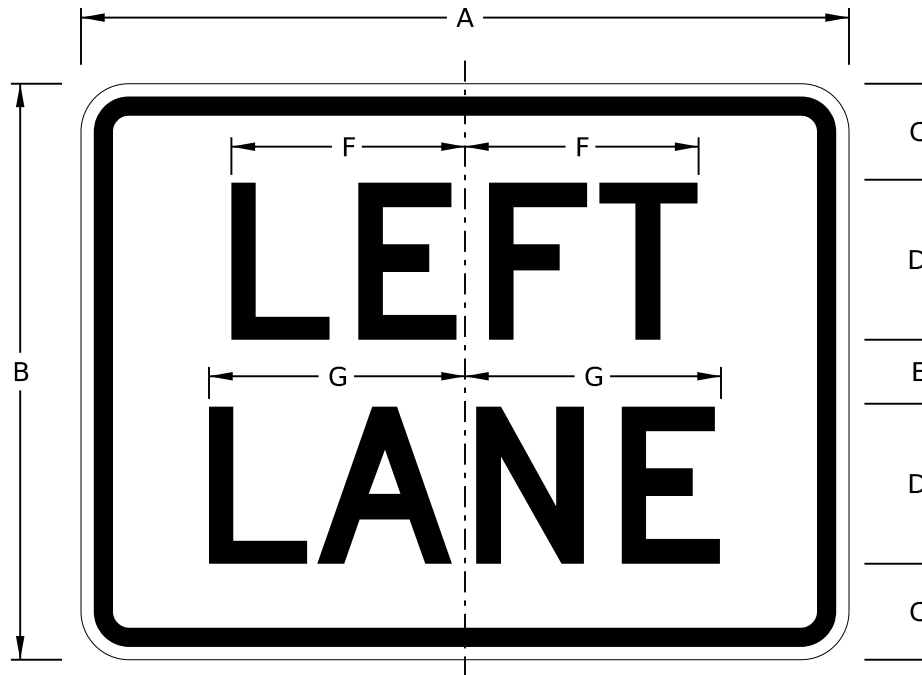
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R10-6P-1

## LEFT LANE PLAQUE

The Left Lane Plaque (R10-6P-1) may be used above a Stop Here On Red Sign (R10-6AL or R10-6AR) when the stop line for the left lane at a signalized intersection is at a different location than the stop line for the right lane.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	3.0	5D	2.0	7.3	8.0	0.4	0.6	B5-2418

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

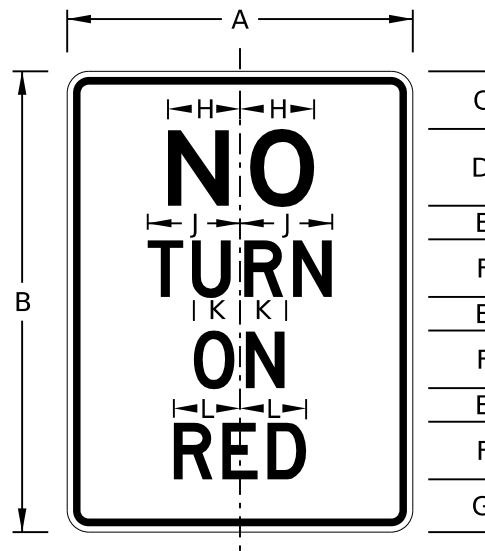
# R10-11

## NO TURN ON RED SIGN

(a) Justification. The No Turn On Red Sign (R10-11) shall be used to prohibit a right turn on red (or a left turn on red from a one-way street to a one-way street) when an engineering study indicates that the restriction is warranted. If the no turn on red restriction applies only at certain times of the day or days of the week, the R10-11B sign or the R10-101 sign may be used as necessary.

(b) Placement. When used, the R10-11 sign should be installed near the appropriate signal head. If a sign cannot be erected within 10' of the appropriate signal head, two signs shall be installed. These two signs shall be installed on the appropriate side of the roadway with one sign installed on the far side of the intersection and one sign post-mounted near the stop line or in advance of a marked or unmarked crosswalk.

(c) Size. The standard size of the R10-11 sign shall be 24" x 30" for single lane conventional highways and 36" x 48" for multi-lane conventional highways. See General Notes for additional guidance.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
24" x 30"	3.2	5E*	2.3	4D	2.9	4.8	6.4	3.2	4.6	0.4	0.6	B3-18
30" x 36"	3.0	6E*	3.0	5D	3.0	5.8	8.1	4.1	5.8	0.4	0.8	B3-30
36" x 48"	6.0	8E*	3.5	6D	5.5	7.7	9.7	4.8	6.9	0.6	0.8	B3-36

\* INCREASE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R10-11B

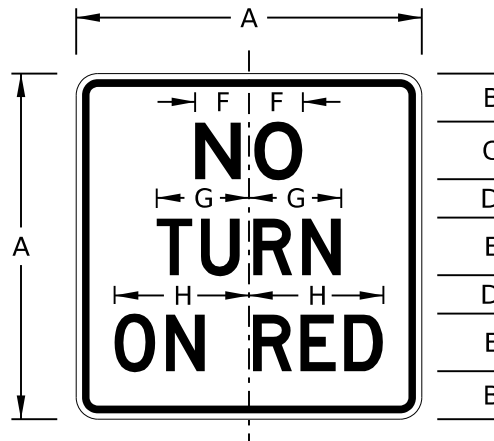
## NO TURN ON RED SQUARE-SHAPED SIGN

(a) Justification. The No Turn On Red Square-Shaped Sign (R10-11B) may be used as an alternate to the No Turn on Red Sign (R10-11) to prohibit a right turn on red (or a left turn on red from a one-way street to a one-way street) when an engineering study indicates that the restriction is warranted but only at specific times. When used, the Restricted Hours Plaque (R10-20AP) should be used below the R10-11B sign.

If time restrictions can be put on a single line, the No Turn on Red with a One-Line Restriction Sign (R10-101) should be used.

The R10-11B sign may also be used if the standard R10-11 sign cannot be installed due to field conditions such as vertical clearance restrictions.

(b) Placement. When used, the R10-11B sign should be installed near the appropriate signal head. If a sign cannot be erected within 10' of the appropriate signal head, two signs shall be installed. These two signs shall be installed on the appropriate side of the roadway with one sign installed on the far side of the intersection and one sign post-mounted near the stop line or in advance of a marked or unmarked crosswalk.



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	5.0	6E	4.0	6D	5.6	9.6	14.0	0.6	0.8	B3-36

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

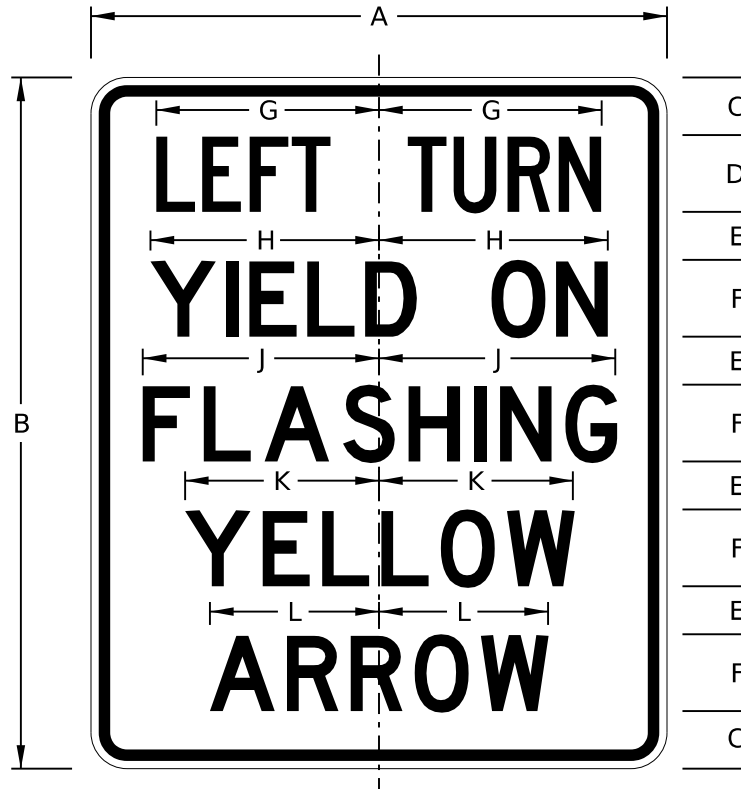
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R10-12A

## LEFT TURN YIELD ON FLASHING YELLOW SIGN

(a) Justification. The Left Turn Yield On Flashing Yellow Arrow Sign (R10-12A) shall be used when a left-turning movement on an approach is permitted by the display of a left flashing yellow arrow.

(b) Placement. The R10-12A sign should be placed near the traffic signal which displays the left flashing yellow arrow.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
30" x 36"	3.0	4C	2.5	4D	11.8	11.9	12.3	10.1	8.8	0.4	0.6	B5-3630

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

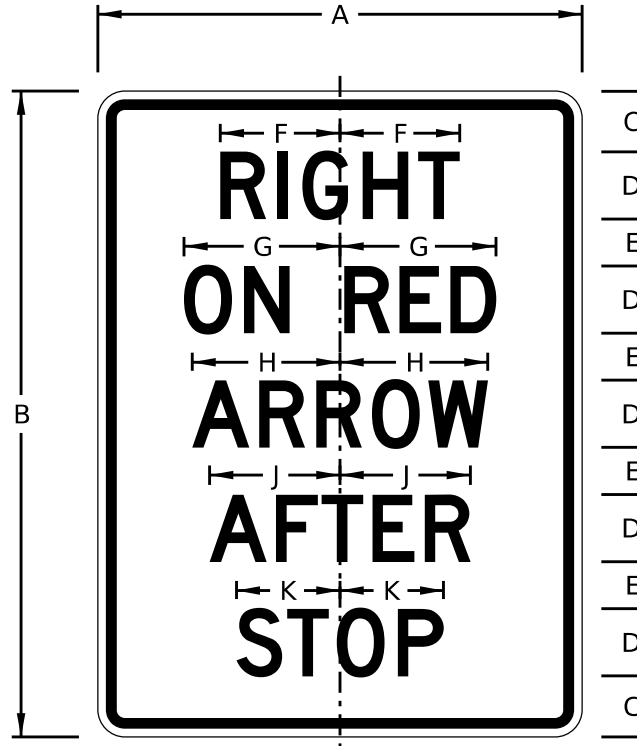
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R10-17A

## RIGHT (LEFT) ON RED ARROW AFTER STOP SIGN

- (a) Justification. The Right (Left) On Red Arrow After Stop sign should be installed where turns on red are not restricted and the signal indication is a steady red arrow.
- (b) Placement. When used, the R10-17a should be installed adjacent to the red arrow signal indication. When mounting adjacent to the signal head is not practicable, two ground mounted signs should be erected, one at the near right side of the intersection approach and one on the far side of the intersection approach.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
36" x 48"	4.5	5D	3.5	8.9	11.6	11.0	9.7	7.7	0.6	0.8	B5-3648

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (NON-REFLECTORIZED)

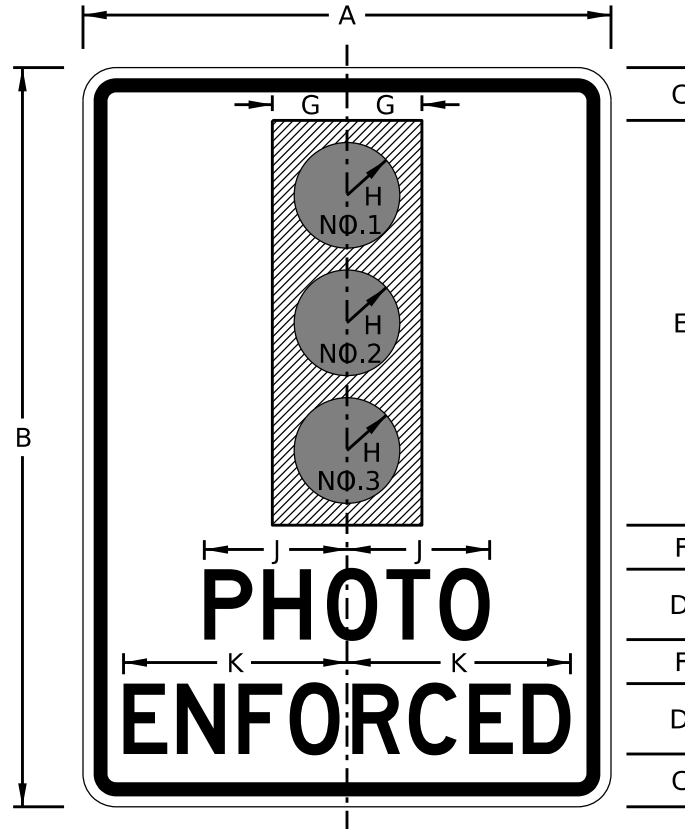
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R10-18A

## (TRAFFIC SIGNAL) PHOTO ENFORCED SIGN

The (Traffic Signal) Photo Enforced Sign (R10-18A) shall be authorized for use to inform road users on an approach to a signalized location that compliance with the red signal indication is being enforced through the use of a red-light running camera system.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
30" x 42"	3.0	4D	23.0	2.5	4.25	3.0	8.1	12.7	0.6	0.8	-----

COLOR:

LEGEND, BORDER AND SIGNAL BACKGROUND:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

TOP CIRCLE (NO.1)  
RED (REFLECTORIZED)

CENTER CIRCLE (NO.2)  
YELLOW (REFLECTORIZED)

BOTTOM CIRCLE (NO.3)  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

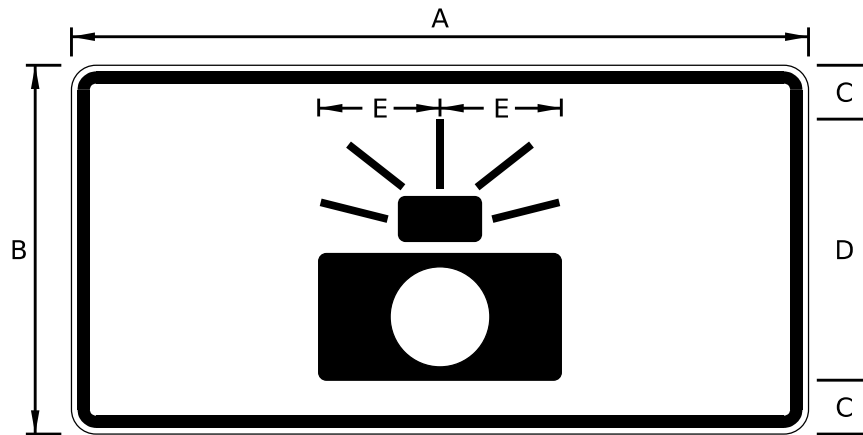
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations



# R10-19P

## PHOTO ENFORCED (WHITE) PLAQUE

The Photo Enforced (White) Plaque (R10-19P) may be mounted below a regulatory sign to advise road users that the regulation is being enforced by photographic equipment.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	1.5	9.0	4.2	0.4	0.6	B5-2412
36" x 18"	2.5	13.0	6.0	0.6	0.8	B5-3618
48" x 24"	3.5	17.0	7.9	0.8	1.2	B5-4824

COLOR:

SYMBOL AND BORDER:  
BLACK (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

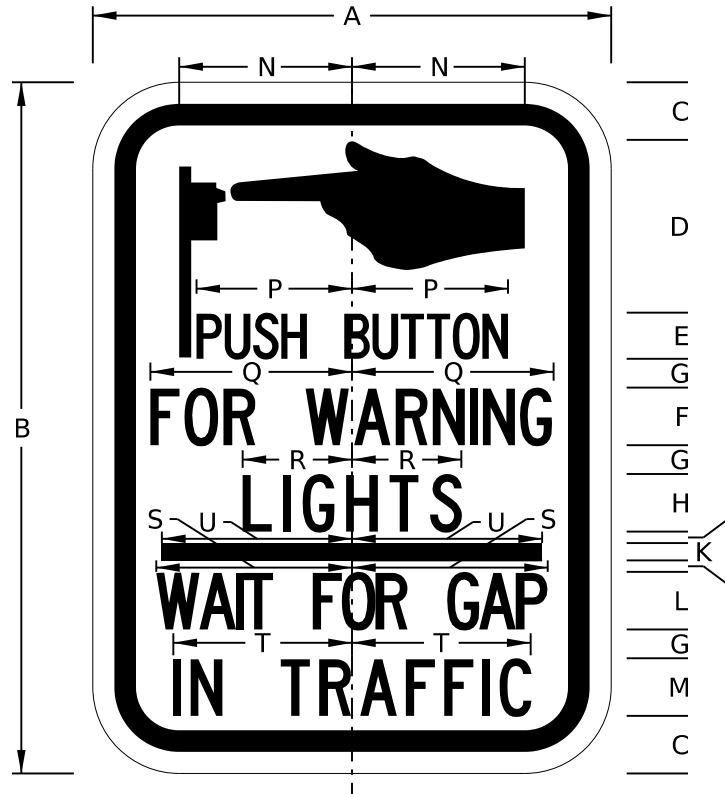
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R10-25

## PUSH BUTTON FOR WARNING LIGHTS - WAIT FOR GAP SIGN

The Push Button for Warning Lights - Wait for Gap Sign (R10-25) is authorized for use where it is desired to inform pedestrians to activate the flashing warning lights to assist pedestrians in making a safe crossing. The R10-25 sign may also be used at locations where push buttons have been provided to activate beacons, firehouse warning services, or emergency traffic signals.

When installed for pedestrians the R10-25 sign should be mounted parallel to the desired crosswalk, immediately above the push button. When installed for other purposes, the R10-25 sign should be in close proximity to the push button.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N
9" x 12"	1.0	3.0	0.8C*	1C**	0.5	1C***	0.2	0.3	1C*	1C†	3.0

DIMENSIONS - IN									
P	Q	R	S	T	U	MAR- GIN	BOR- DER	BLANK STD.	
2.7	3.5	1.9	3.4	3.1	3.3	0.4	0.4	-----	

\* REDUCE SPACING 20% \*\* REDUCE SPACING 10% \*\*\* INCREASE SPACING 10% † REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

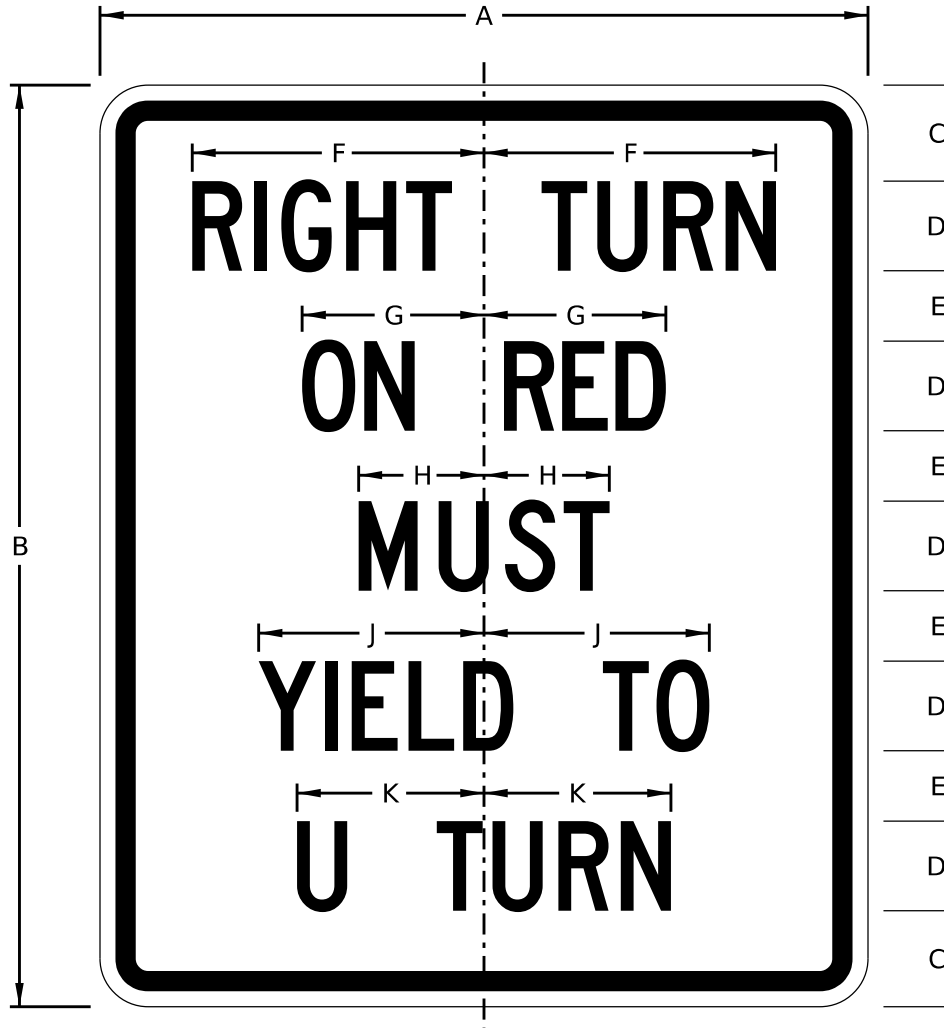
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R10-30

## RIGHT TURN ON RED MUST YIELD TO U-TURN

The Right Turn on Red Must Yield to U-turn Sign (R10-30) may be installed to remind road users that they must yield to conflicting U-turn traffic on the street or highway onto which they are turning right on a red signal after stopping.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
30" x 36"	3.75	3.5C	2.75	11.4	7.1	4.9	8.8	7.3	0.6	0.8	B5-3630

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

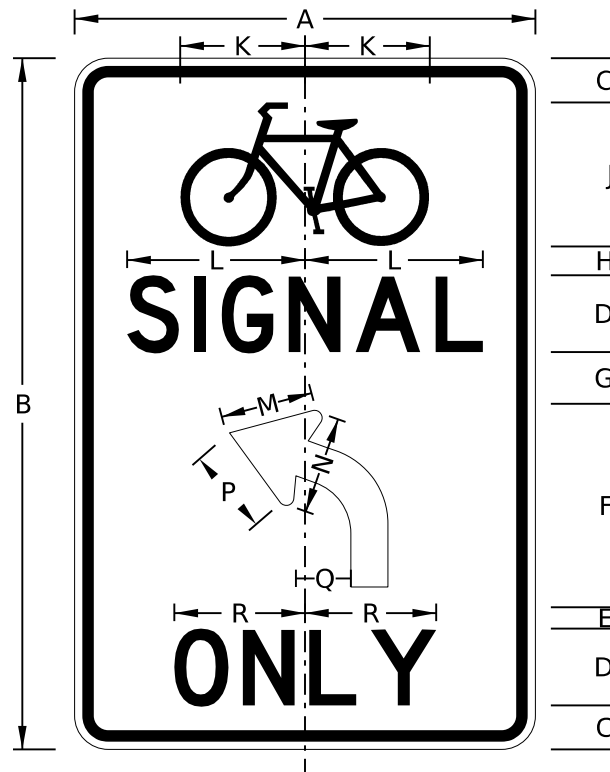
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date :XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R10-40

## BICYCLE SIGNAL MANDATORY MOVEMENT (TURN) SIGN

The Bicycle Signal Mandatory Movement (Turn) Sign (R10-40) may be used to inform road users that the signal indications in the bicycle signal face are intended only for bicyclists and to inform bicyclists which specific bicycle movements are controlled by the bicycle signal face.



DIMENSIONS - IN																	
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	MAR- GIN	BOR- DER	BLANK STD.
12" x 21"	1.2	2D	0.9	5.7	1.7	1.0	5.3	4.6	4.6	2.7	3.4	2.8	3.2	3.4	0.4	0.4	-----
24" x 36"	2.3	4D	1.1	10.6	2.7	1.5	7.5	6.5	9.2	6.3	6.3	3.0	6.1	6.8	0.4	0.6	B5-3624

COLOR:

LEGEND:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

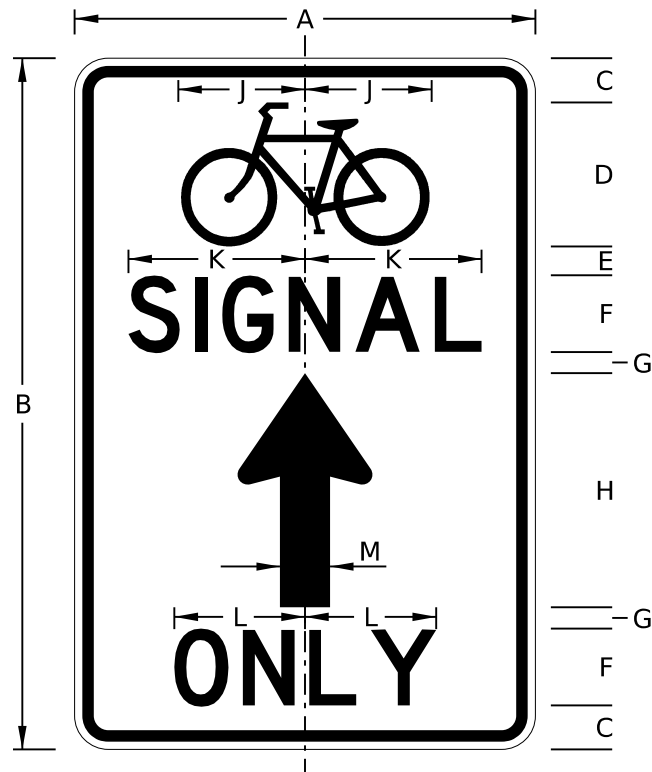
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R10-40A

## BICYCLE SIGNAL MANDATORY MOVEMENT (THRU) SIGN

The Bicycle Signal Mandatory Movement (Thru) Sign (R10-40A) may be used to inform road users that the signal indications in the bicycle signal face are intended only for bicyclists and to inform bicyclists which specific bicycle movements are controlled by the bicycle signal face.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
12" x 21"	1.3	5.3	1.0	2D	0.8	6.5	4.6	4.6	3.4	1.3	0.4	0.4	-----
24" x 36"	2.3	7.5	1.5	4D	1.1	12.2	6.6	9.2	6.8	2.6	0.4	0.6	B5-3624

COLOR:

LEGEND, SYMBOL, ARROWS AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

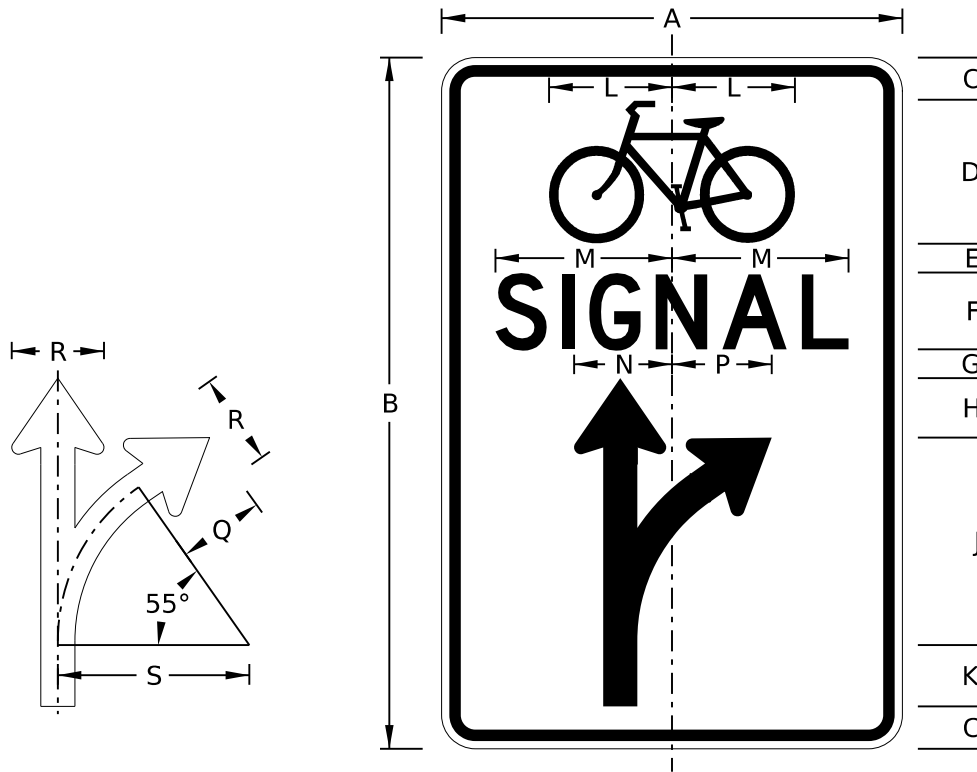
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R10-41

## BICYCLE SIGNAL OPTIONAL MOVEMENT (THRU AND TURN) SIGN

The Bicycle Signal Optional Movement (Thru and Turn) Sign (R10-41) may be used to inform road users that the signal indications in the bicycle signal face are intended only for bicyclists and to inform bicyclists which specific bicycle movements are controlled by the bicycle signal face.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M
12" x 21"	1.3	5.2	1.0	2D	0.8	1.7	5.9	1.8	4.6	4.7
24" x 36"	2.2	7.5	1.5	4D	1.5	3.1	10.8	3.2	6.4	9.2

DIMENSIONS - IN								
SIGN SIZE A x B	N	P	Q	R	S	MAR- GIN	BOR- DER	BLANK STD.
12" x 21"	2.8	2.9	2.4	2.6	5.5	0.4	0.4	-----
24" x 36"	5.1	5.2	4.5	4.8	10.2	0.4	0.6	B5-3624

COLOR:

LEGEND, SYMBOL, ARROWS AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

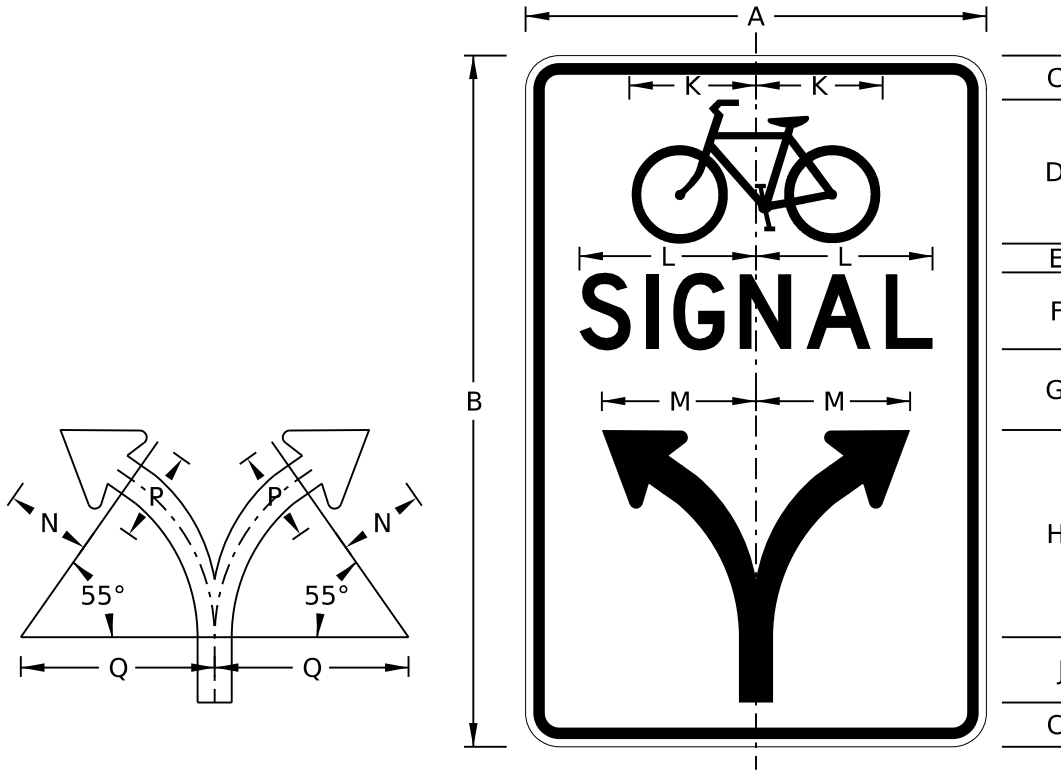
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R10-41A

## BICYCLE SIGNAL OPTIONAL MOVEMENT (LEFT AND RIGHT TURNS) SIGN

The Bicycle Signal Optional Movement (Left and Right Turns) Sign (R10-41A) may be used to inform road users that the signal indications in the bicycle signal face are intended only for bicyclists and to inform bicyclists which specific bicycle movements are controlled by the bicycle signal face.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M
12" x 21"	1.3	5.2	1.0	2D	2.5	5.9	1.8	4.6	4.6	4.3
24" x 36"	2.3	7.5	1.5	4D	4.2	10.8	3.4	6.6	9.2	8.0

DIMENSIONS - IN						
SIGN SIZE A x B	N	P	Q	MAR- GIN	BOR- DER	BLANK STD.
12" x 21"	2.5	2.6	5.5	0.4	0.4	-----
24" x 36"	4.5	4.8	10.1	0.4	0.6	B5-3624

COLOR:

LEGEND, SYMBOL, ARROWS AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

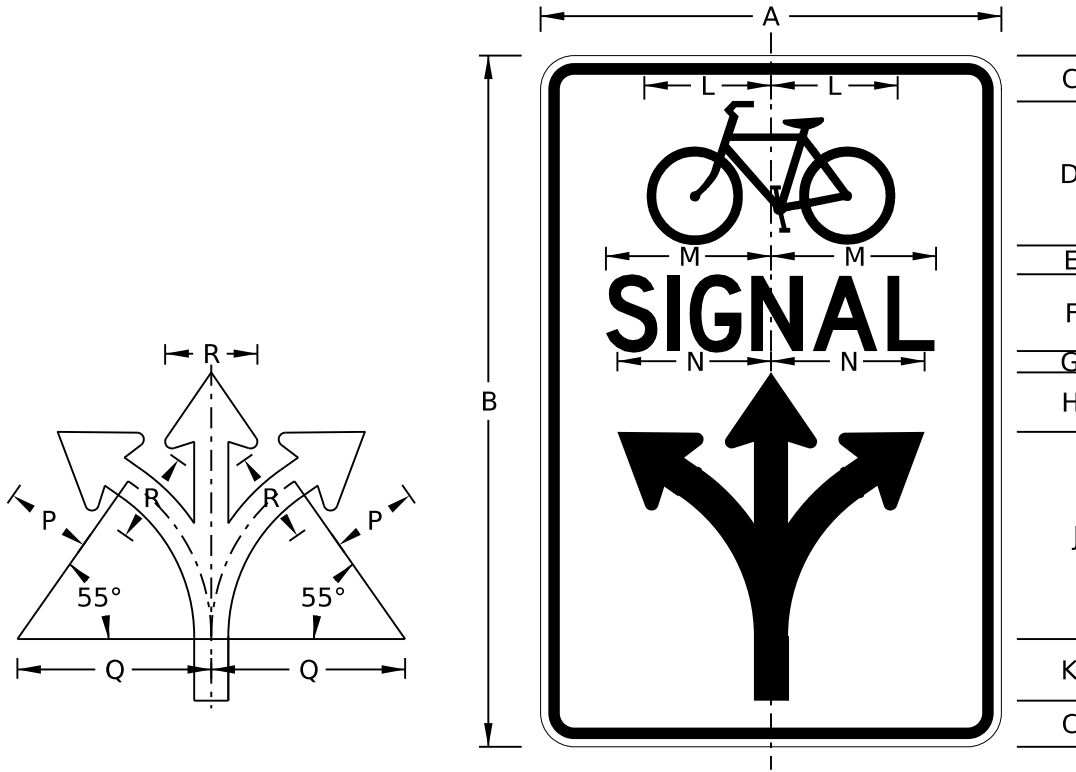
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R10-41B

## BICYCLE SIGNAL OPTIONAL MOVEMENT (ALL) SIGN

The Bicycle Signal Optional Movement (All) Sign (R10-41B) may be used to inform road users that the signal indications in the bicycle signal face are intended only for bicyclists and to inform bicyclists which specific bicycle movements are controlled by the bicycle signal face.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M
12" x 21"	1.3	5.2	1.0	2D	0.8	1.7	5.9	1.8	4.6	4.6
24" x 36"	2.4	7.5	1.5	4D	1.1	3.1	10.8	3.2	6.6	8.6

DIMENSIONS - IN							
SIGN SIZE A x B	N	P	Q	R	MAR- GIN	BOR- DER	BLANK STD.
12" x 21"	4.4	2.5	5.5	2.6	0.4	0.4	-----
24" x 36"	8.0	4.5	10.1	4.8	0.4	0.6	B5-3624

COLOR:

LEGEND, SYMBOL, ARROWS AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

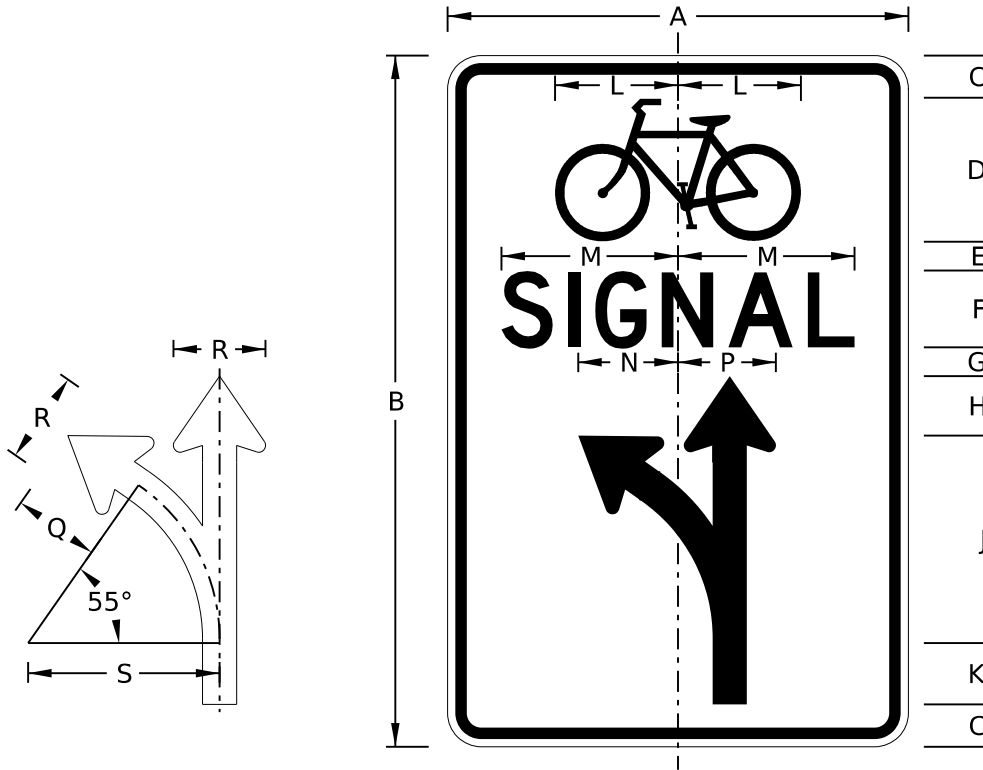
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# R10-41C

## BICYCLE SIGNAL OPTIONAL MOVEMENT (LEFT AND THRU) SIGN

The Bicycle Signal Optional Movement (Left and Thru) Sign (R10-41C) may be used to inform road users that the signal indications in the bicycle signal face are intended only for bicyclists and to inform bicyclists which specific bicycle movements are controlled by the bicycle signal face.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M
12" x 21"	1.3	5.2	1.0	2D	0.8	1.7	5.9	1.8	4.6	4.7
24" x 36"	2.2	7.5	1.5	4D	1.5	3.1	10.8	3.2	6.4	9.2

DIMENSIONS - IN								
SIGN SIZE A x B	N	P	Q	R	S	MAR- GIN	BOR- DER	BLANK STD.
12" x 21"	2.9	2.8	2.4	2.6	5.5	0.4	0.4	-----
24" x 36"	5.2	5.1	4.5	4.8	10.2	0.4	0.6	B5-3624

COLOR:

LEGEND, SYMBOL, ARROWS AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

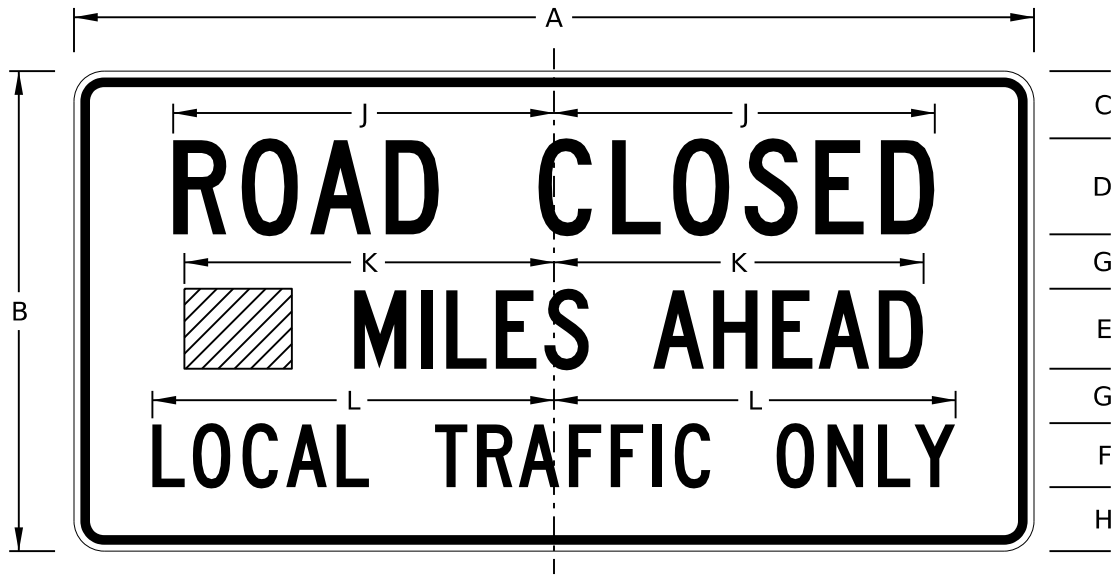
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R11-3

## ROAD CLOSED - LOCAL TRAFFIC ONLY SIGN

The Road Closed - Local Traffic Only Sign (R11-3) may be used where through traffic must detour to avoid a closed highway some distance beyond, but where the road is open for traffic up to the point of closure. An intersecting street name or a well-known destination may be substituted for the ( ) MILES AHEAD legend in urban areas.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
60" x 30"	4.2	6C	5C	4C	3.4	4.0	23.8	23.1	25.1	0.4	0.6	B5-6030

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

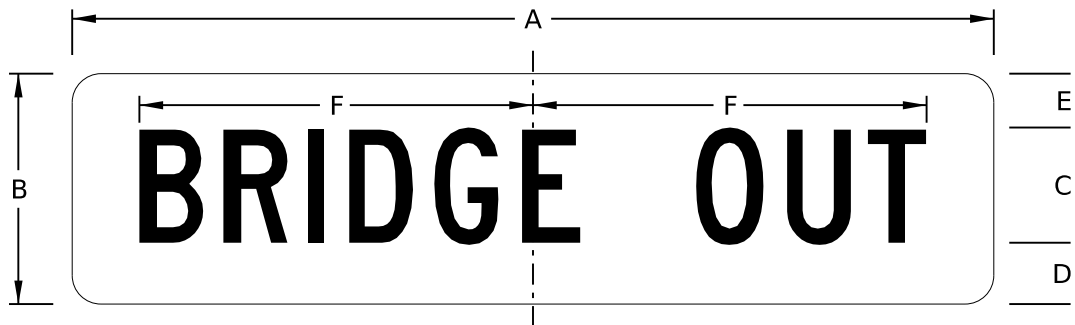
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R11-3B

## BRIDGE OUT - LOCAL TRAFFIC ONLY SIGN

The Bridge Out - Local Traffic Only Sign (R11-3B) may be used where through traffic must detour to avoid a closed highway. An appropriate legend describing the circumstances of the closing, such as "BRIDGE OUT", "HIGH WATER", or "SLIDES" may be placed over the words "ROAD CLOSED" on the Road Closed-Local Traffic Only Sign (R11-3).



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
48" x 12"	6C	6.2	2.8	20.5	-	-	B5-4812

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

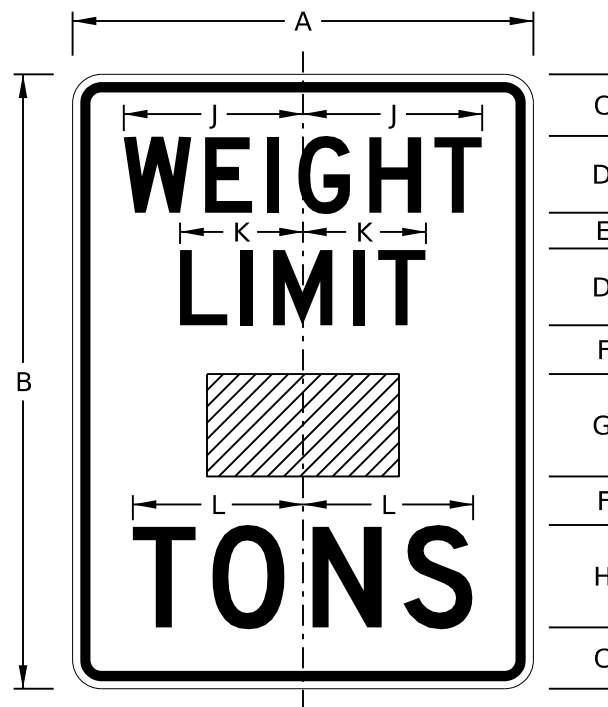
# R12-1

## WEIGHT LIMIT ( ) TONS SIGN

(a) Justification. The Weight Limit ( ) Tons Sign (R12-1) shall be authorized to restrict the weight permitted on a highway or bridge when an engineering and traffic study determines that a restriction is warranted. When used to advise of a weight restriction on a bridge, the Bridge Plaque (R12-1AP) shall be mounted directly above the R12-1 sign.

(b) Placement. The R12-1 sign shall be located within 25' of each end of the bridge or section of highway to which it applies (75 Pa.C.S. § 4902 (e) ). In the case of an extended length of highway, it shall be placed on the right hand side of the restricted highway not more than 25' beyond any intersection so as to be clearly visible from all vehicles about to enter the restricted highway. A supplementary sign may be necessary on the left-hand side of the highway.

(c) Size. The standard size of the R12-1 sign shall be 24" x 30".



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
24" x 30"	3.0	4D	1.6	2.2	5E	5D	9.3	6.3	8.3	0.4	0.6	B5-3024
36" x 48"	4.8	6D	2.8	3.8	8E	8D	14.0	9.6	13.3	0.6	0.8	B5-4836

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

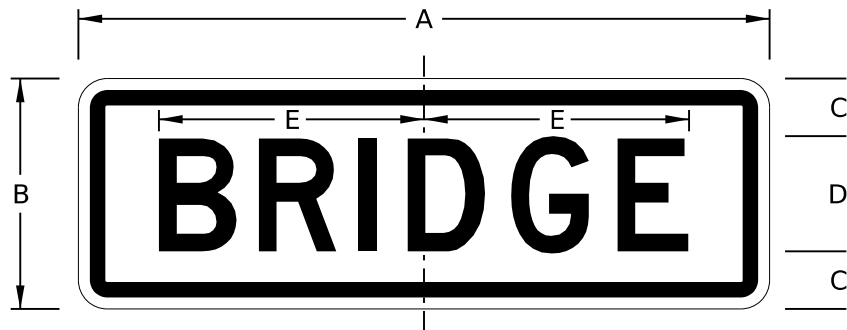
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R12-1AP

## BRIDGE PLAQUE

(a) Justification. The Bridge Plaque (R12-1AP) shall be mounted above the Weight Limit Sign (R12-1) when applicable. As an advance warning it shall also be used in conjunction with the Distance Ahead Plaque (W16-103P).

(b) Size. The size shall be determined by and be in accord with the size of the sign to which it is appended.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	4.0	4D	9.1	0.4	0.6	B5-2412
36" x 12"	3.0	6D	13.8	0.6	0.8	B5-3612

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

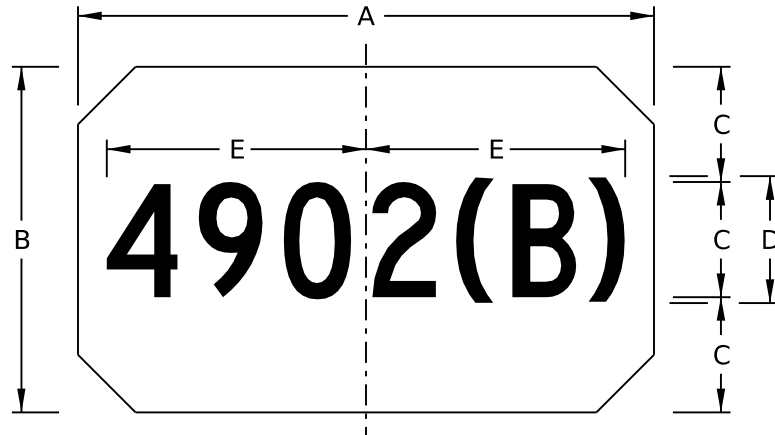
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R12-1BP

## WEIGHT LIMIT FOR SAFETY PLAQUE

(a) Justification. The Weight Limit For Safety Plaque (R12-1BP) shall be authorized for use to supplement a Weight Limit (\_\_\_\_) Tons Sign (R12-1), an Except Combinations (\_\_\_\_) Tons Plaque (R12-1DP), or a No Trucks Sign (R5-2) when the weight limit or prohibition of trucks was approved because of hazardous traffic conditions or other safety factors. The R12-1BP shall not be used when the weight limit or prohibition of trucks was approved due to a hazardous weight condition. The R12-1BP plaque should not be used when the Distance Ahead Plaque (W16-103P) is used.

(b) Placement. When used, the R12-1BP plaque shall be placed beneath the R5-2, R12-1, or R12-1DP sign.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
10" x 6"	2C	2.2	4.5	-	-	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

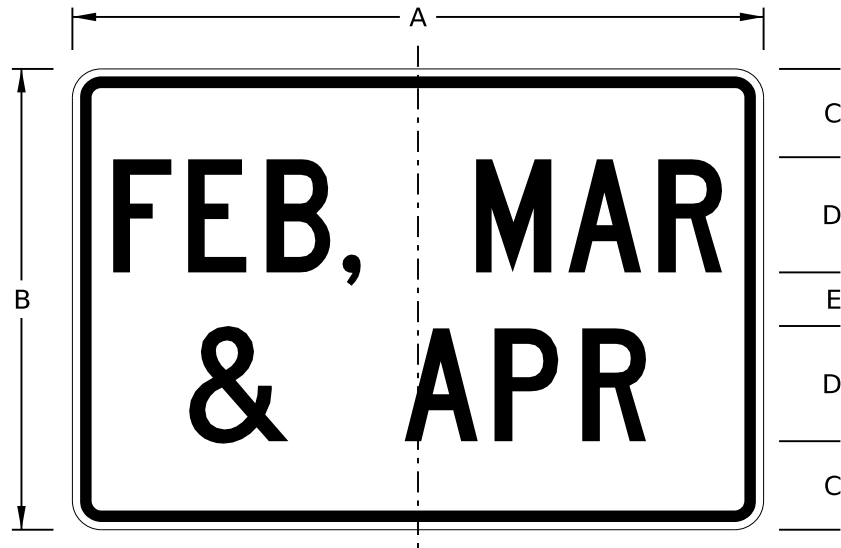
# R12-1CP

## SEASONAL WEIGHT LIMIT PLAQUE

(a) Justification. The Seasonal Weight Limit Plaque (R12-1CP) may be used in accordance with an engineering and traffic study when the roadway is weakened because of climatic conditions, especially during the spring thaw. The restriction should identify the applicable months (abbreviations may be used as necessary) and is not limited to the months depicted in the drawing. Designations such as "NOV THRU APRIL" may be used when it is not possible to identify each applicable month.

(b) Placement. The R12-1CP Plaque should be installed beneath the Weight Limit (\_\_\_\_) Tons Sign (R12-1) and any other plaques.

(c) Size. The width of the R12-1CP Plaque should be the same as the width of the R12-1 sign.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	3.8	4*	2.4	0.4	0.6	B5-2418
36" x 24"	4.6	6*	2.8	0.6	0.8	B5-3624

\* CHOOSE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

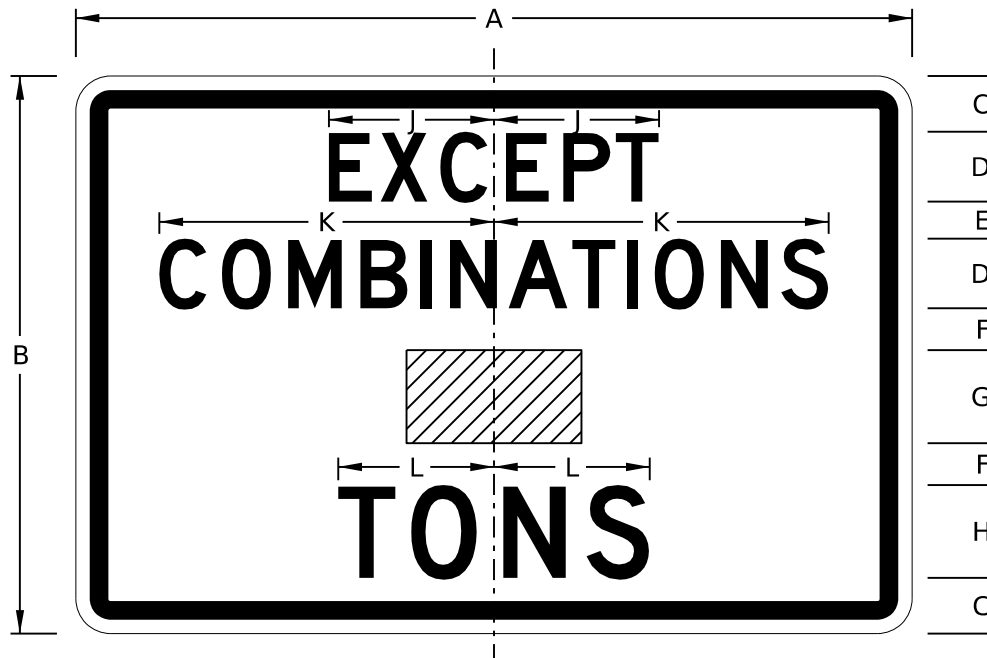
# R12-1DP

## EXCEPT COMBINATIONS ( ) TONS PLAQUE

(a) Justification. The Except Combinations ( ) Tons Plaque (R12-1DP) may be used to permit the weight of vehicle combinations on a highway or bridge to exceed the weight limit for single-unit vehicles.

(b) Placement. When used, the R12-1DP Plaque shall be placed beneath the Weight Limit ( ) Tons Sign (R12-1).

(c) Size. The R12-1DP Plaque shall be the same width as the R12-1 sign it supplements.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	2.0	2D	1.2	1.4	3E	3D	4.8	9.6	5.0	0.4	0.6	B5-2418
36" x 24"	2.4	3D	1.6	1.8	4E	4D	7.1	14.4	6.7	0.6	0.8	B5-3624

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# R12-101

## BRIDGE LIMITED TO ONE TRUCK SIGN

(a) Justification. The Bridge Limited To One Truck Sign (R12-101) may be used in advance of a bridge when a bridge analyzed for load rating using a single vehicle indicates that based on the current Department posting policy no bridge weight restriction or a less restrictive bridge weight restrictions would result when only one truck is allowed on the bridge at any one time. This sign may be used only when the District Bridge Engineer or the Municipal Engineer judges that the bridge is a candidate for the application of this sign and one of the following conditions is met:

- (1) The cartway width of the bridge is 18' or less-thus physically limiting it to one directional traffic, or
- (2) The probability of having two fully loaded trucks on the structure at the same time is minimal as indicated by the existence of all of the following criteria:
  - The total length of the structure does not exceed 200' unless a traffic study determines that the 200' length limit can be exceeded.
  - The Average Daily Truck Traffic (ADTT) does not exceed 200, unless a traffic study including a truck classification count indicates that the truck traffic limit of 200 can be exceeded.
  - There is adequate sight distance in both directions to provide necessary driver reaction time.
  - There is adequate space to stop the vehicle safely.
  - Advance signing can be properly placed.

(b) Placement. When used, the R12-101 sign should be placed in advance of all approaches to the applicable bridge. The R12-101 sign may be erected alone or it may be erected beneath the Bridge Weight Limit (\_\_\_\_) Tons Sign (R12-1 and R12-1AP) and the Except Combinations (\_\_\_\_) Tons Plaque (R12-1DP).



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
36" x 30"	4.3	5F	3.2	5C	4.3	15.3	14.9	15.4	0.4	0.6	B5-3630

COLOR:

APPROVED FOR THE SECRETARY OF TRANSPORTATION

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

BACKGROUND:  
WHITE (REFLECTORIZED)

# R12-102

## 102-INCH WIDE TRAILER ADVANCE PROHIBITED SIGN

The R12-102 sign may be installed on a numbered traffic route where 102-inch wide trailers are authorized, to advise truckers that the specified types of 102-inch wide trailers are prohibited on an intersecting numbered traffic route based on safety reasons. When used, the sign should be installed at a location where trucks can avoid entrapment. An R12-102A sign should generally be installed on the second numbered traffic route.

The largest size sign is recommended on all roadways where prevailing travel speeds are greater than 40 MPH. The smallest size sign is authorized on single lane conventional highways where the speed limit is 25 MPH and on other roadways where space does not exist for a larger size sign.

The "28 1/2 FT" may be increased to restrict other trailer lengths as appropriate. The "NORTH ON US 11/15" is also an example. Depending on the required legend, the height of the R12-102 sign may need to be altered.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
24" x 36"	1.9	3C	3C*	2.2	9.5	9.3	10.5	10.2	VAR.	VAR.	0.4	0.6	B5-3624
36" x 48"	2.5	4C	4C	3.0	12.7	12.4	15.5	15.4	VAR.	VAR.	0.6	0.8	B5-4836
60" x 72"	3.8	6D	6D	4.4	22.6	21.4	27.1	26.4	VAR.	VAR.	0.8	1.2	B5-7260

\* REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R12-102A

## 102-INCH WIDE TRAILER PROHIBITED SIGN

The R12-102A sign is an optional sign that may be installed at the beginning of the actual restriction based on safety reasons.

The largest size sign is recommended on all roadways where prevailing travel speeds are greater than 40 MPH. The smallest size sign is authorized on single lane conventional highways where the speed limit is 25 MPH and on other roadways where space does not exist for a larger size sign.

The "28 1/2 FT" may be increased to restrict other trailer lengths as appropriate.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	1.9	3C	3C*	2.2	9.5	9.3	10.5	10.2	0.4	0.6	B3-24
36" x 36"	3.1	4C	4C	3.8	12.7	12.4	15.5	15.4	0.6	0.8	B3-36
60" x 48"	3.5	6D	6D	5.0	22.6	21.4	27.1	26.4	0.8	1.2	B5-6048

\* REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

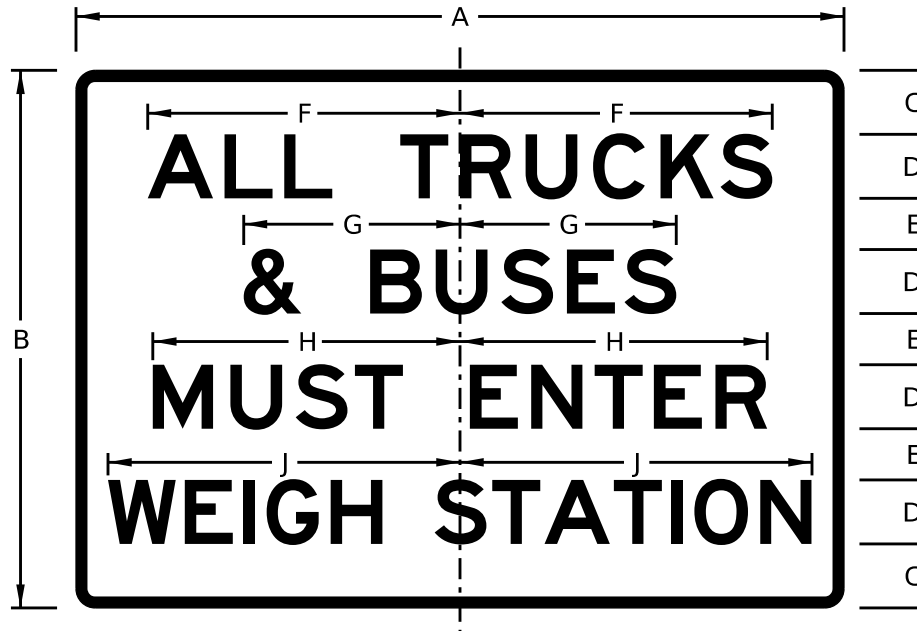
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R13-1-1

## ALL TRUCKS & BUSES MUST ENTER WEIGH STATION SIGN

(a) Justification. The All Trucks & Buses Must Enter Weigh Station Sign (R13-1-1) is authorized for use in advance of a weigh station to inform the operators of trucks & buses that they must enter the weigh station. When the weigh station is not in operation, this sign shall be folded or covered or a subsequent sign shall be used to advise that the station is open or closed. The R13-1-1 sign shall be erected following the Advance Weigh Station Sign (D8-1) and prior to the Weigh Station Next Right Sign (D8-2) if utilized, and the Weigh Station Sign (D8-3).

(b) Size. The standard size R13-1-1 sign shall be 120" x 84" on freeways, 96" x 66" on expressways, and 72" x 48" on all other highways. The 72" x 48" size may, however, be used on any type roadway for mobile or semi-permanent weighing operations.



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
72" x 48"	6.0	6E	4.0	29.3	20.3	28.9	33.6	-	1.0	-----
96" x 66"	8.0	8E	6.0	39.0	27.1	38.3	43.3	-	1.4	-----
120" x 84"	10.0	10E	8.0	48.8	33.8	48.0	55.0	-	1.8	-----

COLOR:

LEGEND AND BORDER:  
WHITE (NON-REFLECTORIZED)

BACKGROUND:  
BLACK (REFLECTORIZED)

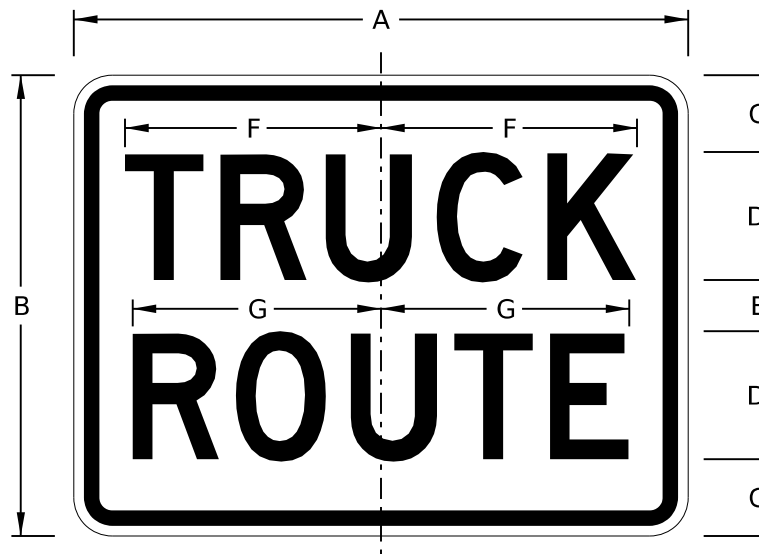
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R14-1

## TRUCK ROUTE SIGN

(a) Justification. The Truck Route Sign (R14-1) shall be authorized for use to mark an unnumbered highway which has been designated by proper authority as a truck route where height or weight limitations or other truck exclusions have been imposed on alternate routes. The black on white turn markers provided in M5 and M6-Series Signs may be used with the R14-1 sign to indicate turns in the truck route. On a numbered highway Truck Marker (M4-4P) will be applicable.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	3.0	5D*	2.0	10.0	9.7	0.4	0.6	B5-2418

\* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

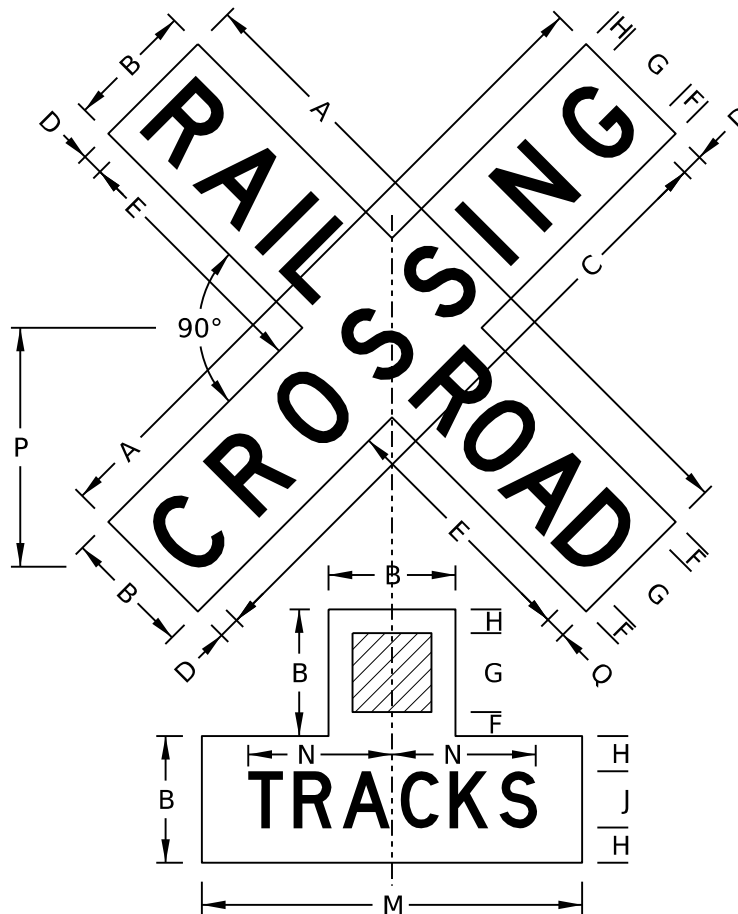
# R15-1&2P

## GRADE CROSSING (CROSSBUCK) SIGN AND NUMBER OF TRACKS PLAQUE

(a) Justification. The Grade Crossing (Crossbuck) Sign (R15-1) shall be authorized for use on the right side of the roadway on each approach to a highway-rail grade crossing. Where restricted sight distance or unfavorable highway geometry exists on an approach to a highway-rail grade crossing, an additional R15-1 sign shall also be installed on the left side of each approach. A minimum 2" width of white Type VII or IX retroreflective sheeting shall be applied to the center line on the back of each crossbuck blade except when crossbucks are installed back-to-back. A similar 2" width of retroreflective sheeting shall also be applied vertically on the front and back side of the supports, except not on the side with a flashing light, or a stop or yield sign.

(b) Placement. The R15-1 sign shall be installed within 12' to 15' from the centerline of the nearest track. It shall not be less than 6' or more than 12' from the edge of the pavement, or less than 2' outside a paved shoulder or curb. The Number of Tracks Plaque (R15-2P) indicating the number of tracks shall be mounted below the R15-1 when there are two or more tracks, including sidings.

(c) Posting Responsibility. The R15-1 and R15-2P signs shall be furnished and installed by the railroad company, typically within the railroad right-of-way.



DIMENSIONS - IN																
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	MAR- GIN	BOR- DER	BLANK STD.
24" x 4.5"	22.4	0.8	9.0	0.8	2.8D	0.9	1.3	2D	1.2	13.5	5.0	9.0	0.7	-	-	-----
48" x 9"	45.0	1.5	18.0	1.7	5.6D	1.7	2.5	4D	2.5	27.0	10.2	18.0	1.5	-	-	-----

\* COLORS MAY BE REVERSED FOR R15-2P

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

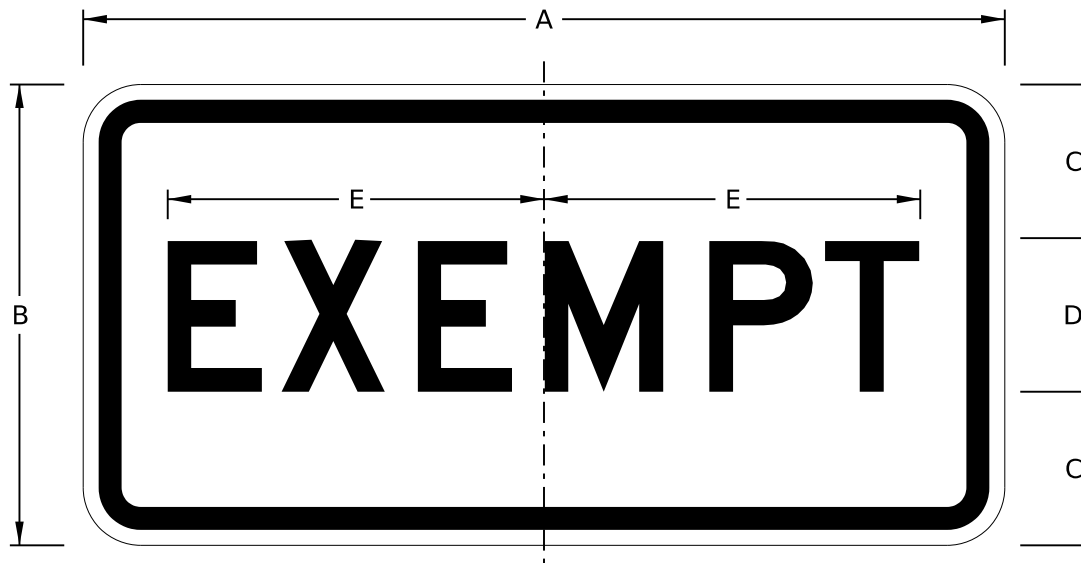
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R15-3P

## EXEMPT (REGULATORY) PLAQUE

(a) Justification. The Exempt (Regulatory) Plaque (R15-3P) shall be authorized for use at those railroad grade crossings having exempt status as determined by the Public Utility Commission.

(b) Placement. The R15-3P plaque, when used, shall be mounted below the Crossbuck Sign (R15-1) or the Number of Tracks Plaque (R15-2P) on each highway approach to the railroad grade crossing. The R15-3P plaque should be installed by the Pennsylvania Department of Transportation or local officials after the crossing is declared exempt by the Public Utility Commission.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	4.0	4D	9.8	0.4	0.6	B5-2412

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R15-101P

## HIGH SPEED TRAINS PLAQUE

(a) Justification. The High Speed Trains Plaque (R15-101P) may be used at railroad-highway grade crossings where it is necessary to inform drivers that the rail line is used by high-speed trains. It shall be used only where authorized by the Public Utility Commission.

(b) Placement. When authorized, the R15-101P plaque shall be furnished and installed by the railroad company below the Grade Crossing (Crossbuck) Sign (R15-1) and / or Number of Tracks Sign (R15-2P) on each highway approach to the railroad crossing.



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	3.4	4C	2.6	4.8	6.8	7.7	0.4	0.6	B3-24

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

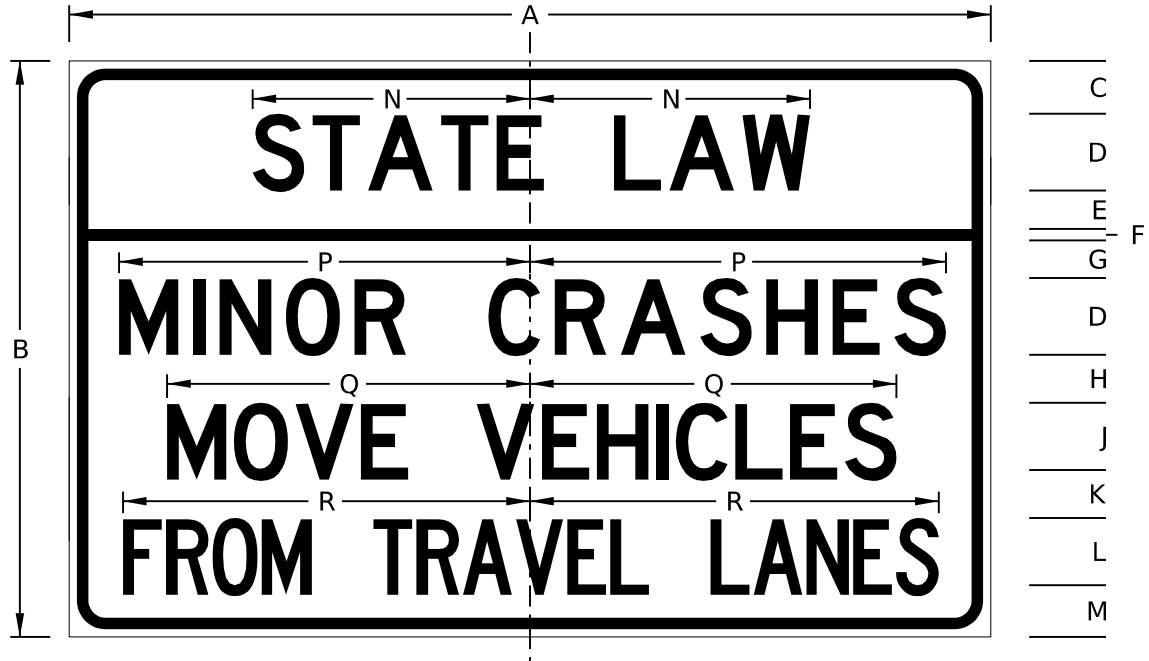
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# R16-4

## MINOR CRASHES MOVE VEHICLES FROM TRAVEL LANES SIGN

The Minor Crashes Move Vehicles From Travel Lanes Sign (R16-4) may be used on freeways, expressways and major arterials in urban areas to direct drivers to move their vehicles from the travel lane(s) when involved in a minor crash.



DIMENSIONS - IN																	
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	MAR- GIN	BOR- DER	BLANK STD.
96" x 60"	5.5	8D	4.0	1.2	3.9	5.0	7D*	5.0	7C*	5.4	28.9	42.8	37.8	42.4	0.8	1.2	B5-9660

\* INCREASE SPACING 20%

### COLOR:

TOP - LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)  
BACKGROUND:  
YELLOW (REFLECTORIZED)

BOTTOM - LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)  
BACKGROUND:  
WHITE (REFLECTORIZED)

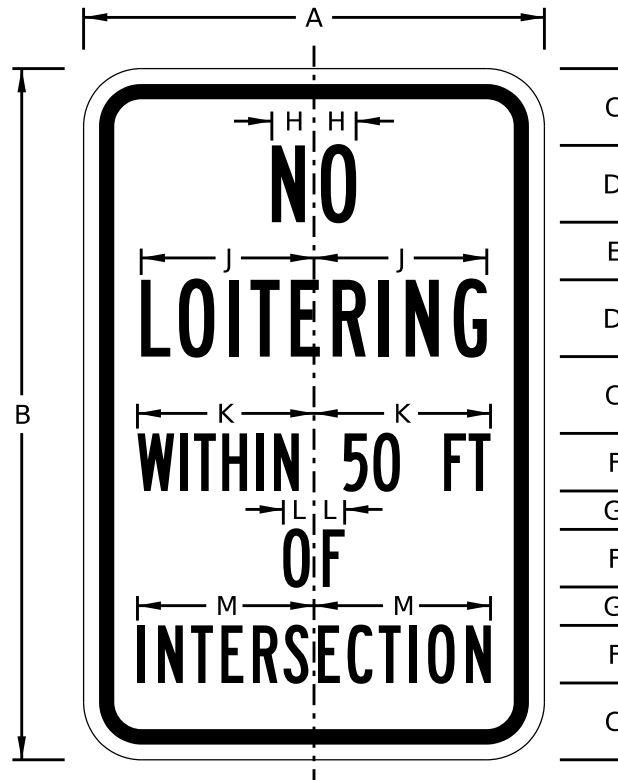
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R16-105

## NO LOITERING WITHIN 50 FT OF INTERSECTION SIGN

The No Loitering Within 50 Ft of Intersection Sign (R16-105) may be installed to curb loitering at an intersection.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
12" x 18"	2.0	2B	1.5	1.5B	1.0	1.1	4.5	4.6	0.8	4.6	0.4	0.4	B5-1218

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

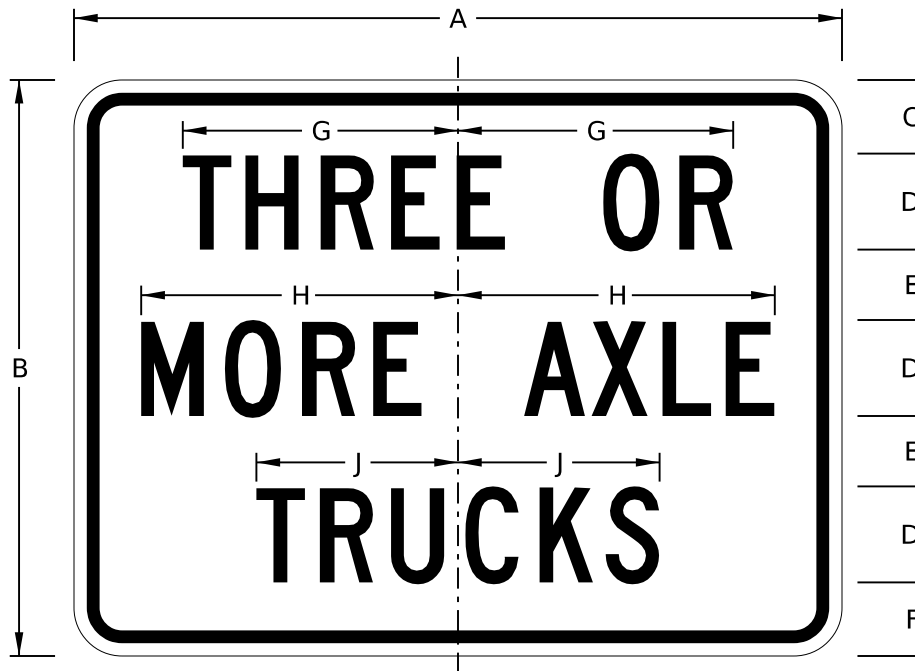
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# R20-4P

## THREE OR MORE AXLE TRUCKS PLAQUE

(a) Justification. The Three Or More Axle Trucks Plaque (R20-4P) may be used with other regulatory signs to prohibit trucks with three or more axles.

(b) Placement. The R20-4P plaque, when used, shall be mounted above other regulatory signs.



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	2.3	3C	2.2	2.3	8.6	9.9	6.3	0.4	0.4	B5-2418

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

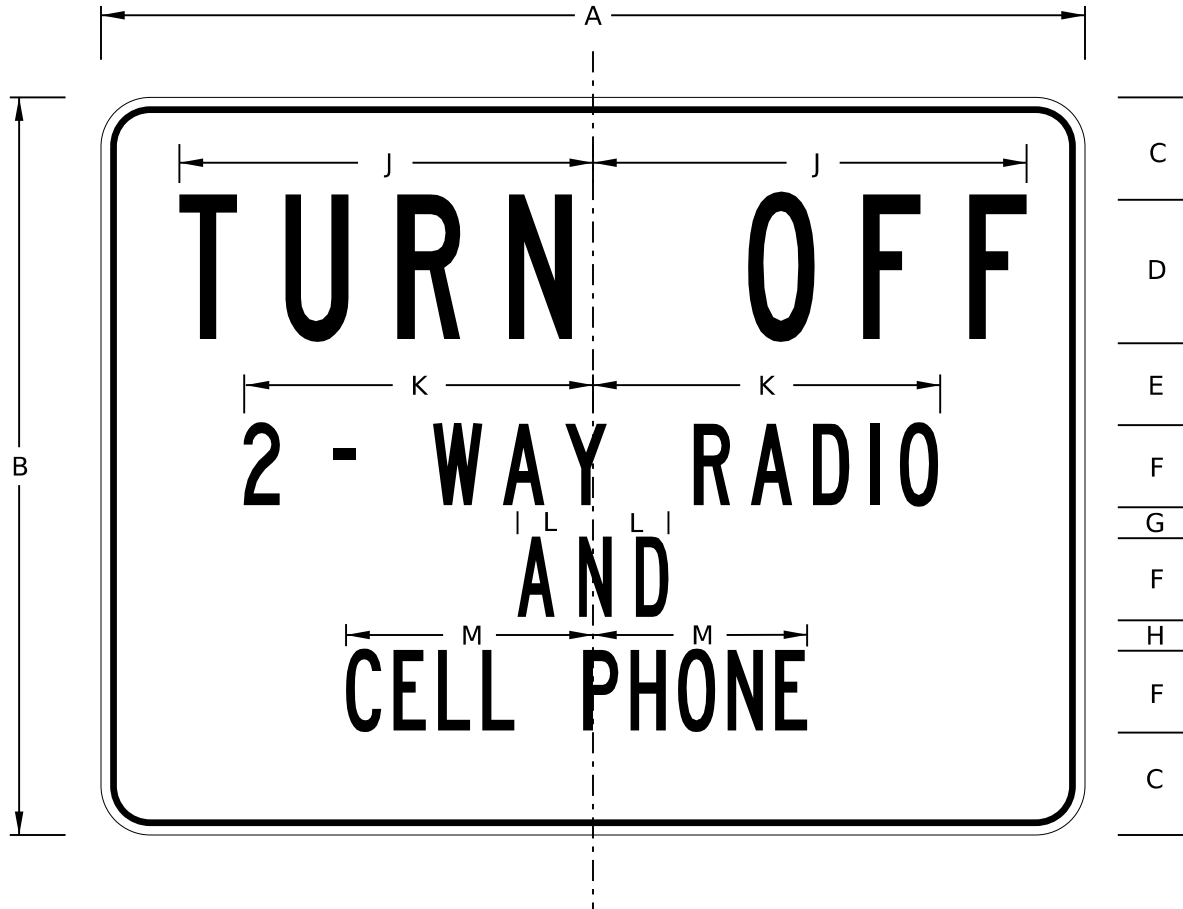
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R22-2

## TURN OFF 2-WAY RADIOS AND CELL PHONES SIGN

The Turn Off 2-Way Radios and Cell Phones Sign (R22-2) shall be authorized for use and shall be located at least 1000' in advance of the beginning of a blasting area. It shall be used in sequence with the Blasting Zone Ahead Sign (W22-1) and the End Blasting Zone Sign (W22-3) and shall be covered or removed when there are no explosives in the area or the area is otherwise secure.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
48" x 36"	5.0	7C	4.0	4C	1.5	1.5	19.5	15.2	4.2	14.2	0.6	0.8	B5-4836

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

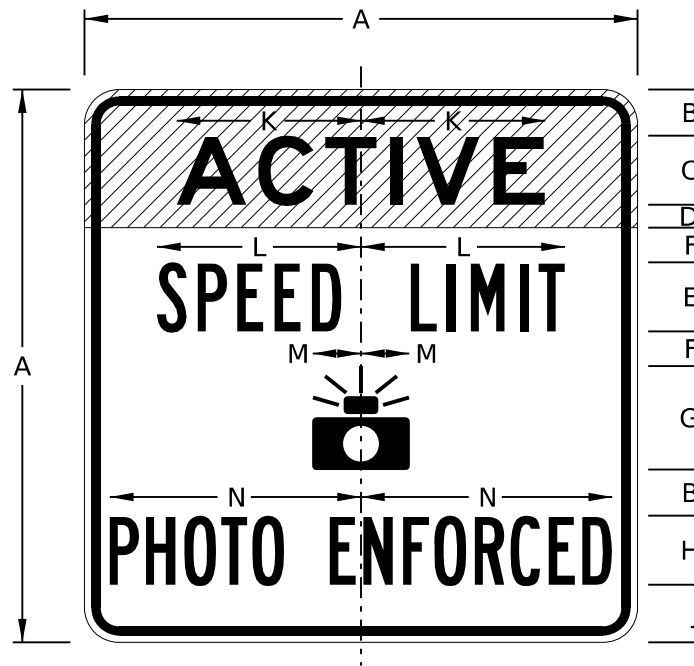
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R23-101

## ACTIVE WORK ZONE SPEED ENFORCEMENT SIGN

The Active Work Zone Speed Enforcement Sign (R23-101) shall be used solely by an AWZSE vendor to meet the sign requirements in Title 75 C.S. 3369 for Automated Speed Enforcement in Work Zones.



DIMENSIONS - IN															
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
48" x 48"	4.0	6E	2.0	6B	3.0	9.0	6B*	5.0	16.0	17.7	4.2	21.8	0.6	0.8	-----

\* SPACING REDUCED 25%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
TOP: ORANGE (REFLECTORIZED)  
BOTTOM: WHITE (REFLECTORIZED)

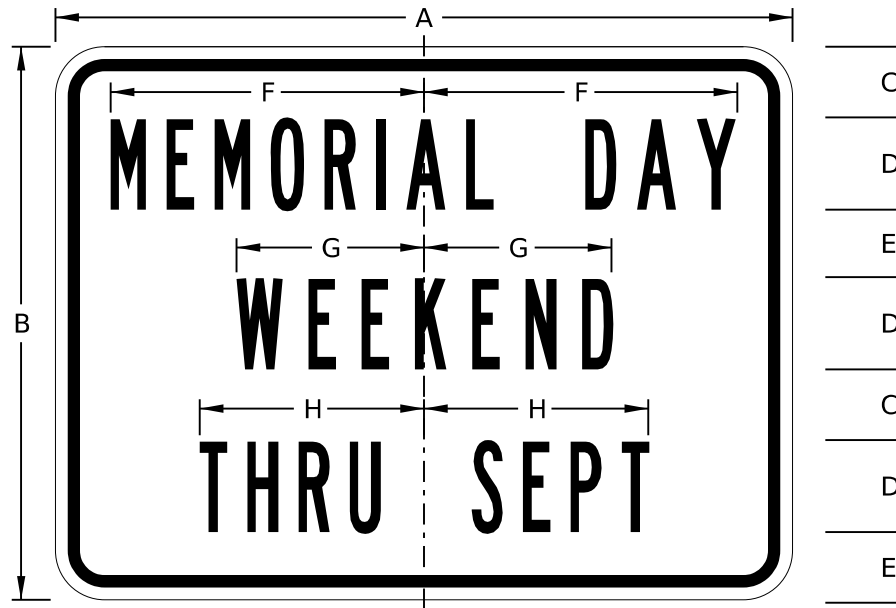
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R24-101P

## MEMORIAL DAY WEEKEND THROUGH SEPTEMBER PLAQUE

The Memorial Day Weekend Through September Plaque (R24-101P) may be used below the ATV Road Sign (I12-1-1) to indicate when the ATV trail is open for use.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	2.3	3B	2.2	10.2	6.1	7.3	0.4	0.4	B5-2418

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

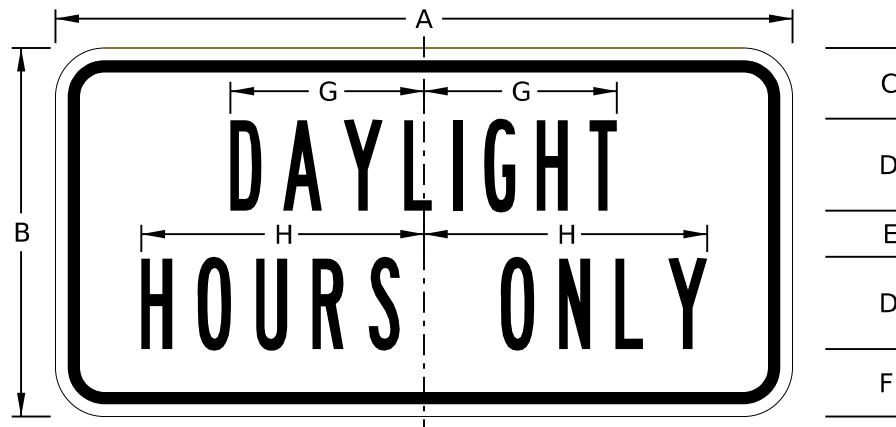
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# R24-102P

## DAYLIGHT HOURS ONLY PLAQUE

The Daylight Hours Only Plaque (R24-102P) may be used below the ATV Road Sign (I12-1-1) to indicate the hours the ATV trail is open for use.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	2.3	3B	1.5	2.2	6.3	9.2	0.4	0.4	B5-2412

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

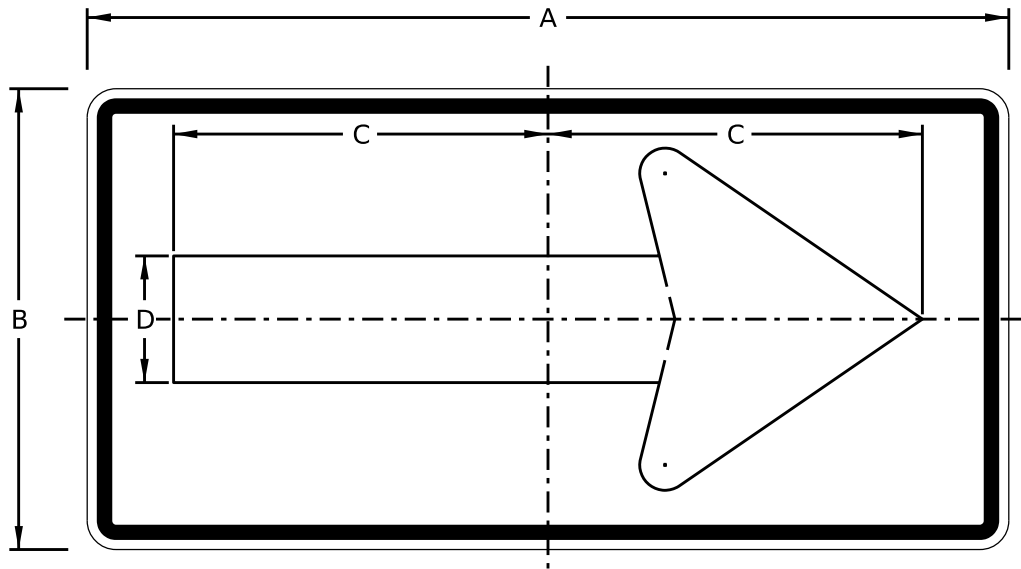
# W1-6

## LARGE SIGLE ARROW SIGN

(a) Justification. The Large Single Arrow Sign (W1-6) shall be authorized for use on the outside of a curve or on a turn, in line with, and at right angles to, approaching traffic. The W1-6 sign shall be used in accordance with MUTCD Chapter 2C Warning Signs.

This sign shall not be used to mark the ends of median strips, center piers, etc., where there is no change in the direction of traffic. The W1-6 sign directing traffic to the right shall not be used in the central island of a roundabout.

(b) Size. The standard size of the W1-6 shall be 48" x 24".



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	9.6	3.3	0.4	0.6	B5-2412
48" x 24"	19.5	6.6	0.5	0.8	B5-4824
96" x 48"	39.0	13.0	0.8	1.2	-----
120" x 60"	48.8	16.0	1.0	1.2	-----

COLOR:

ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

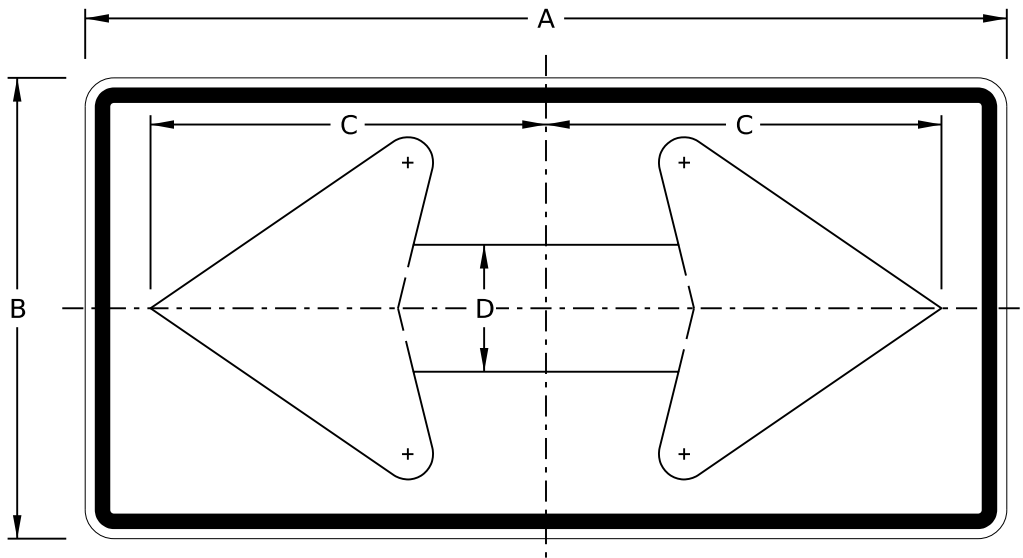


# W1-7

## LARGE DOUBLE ARROW SIGN

(a) Justification. The Large Double Arrow Sign (W1-7) shall be authorized for use on the far side of a "T" intersection, in line with, and at right angles to, approaching traffic. This sign shall not be used to mark the ends of median strips, center piers, and so forth, when there is no change in the direction of traffic.

(b) Size. The standard size of the W1-7 shall be 48" x 24".



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	10.4	3.3	0.4	0.6	B5-2412
48" x 24"	20.6	6.6	0.6	0.8	B5-4824
96" x 48"	41.0	13.0	0.8	1.2	-----
120" x 60"	50.8	16.0	1.0	1.2	-----

COLOR:

ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
FLUORESCENT YELLOW  
(REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

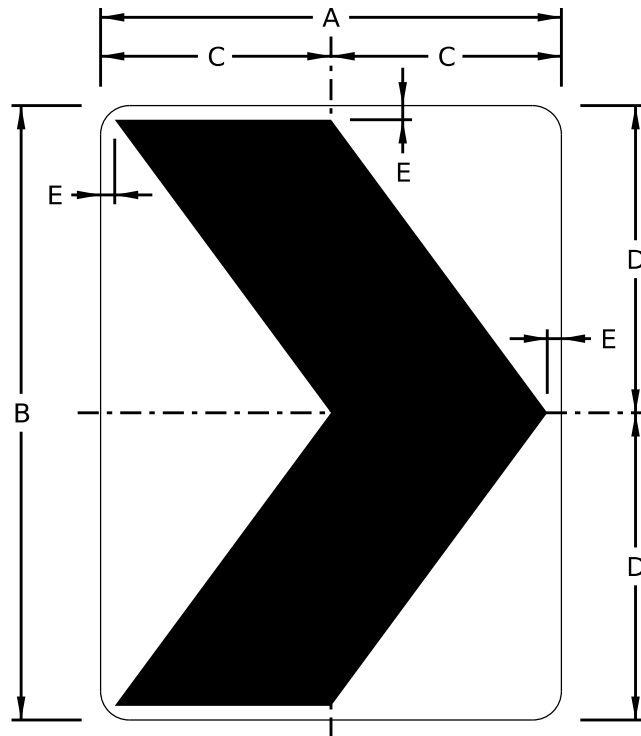
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W1-8

## CHEVRON ALIGNMENT SIGN

(a) Justification. The Chevron Alignment Sign (W1-8) will be authorized to emphasize changes in the horizontal alignment of the roadway at locations where standard delineation practices have proven to be inadequate. The W1-8 sign may be used as an alternate or as a supplement to the Large Single Arrow Sign (W1-6). The W1-8 sign shall be used in accordance with MUTCD Chapter 2C Warning Signs.

(b) Placement. When used, the W1-8 sign shall be erected on the outside of a curve or sharp turn, in line with and at right angles to approaching traffic. W1-8 signs shall be installed at a minimum height of 4 feet, measured vertically from the bottom of the sign to the elevation of the near edge of the traveled way. The sign should be rotated so as to indicate the direction of the change of alignment. Spacing of the W1-8 sign should be such that the driver always has two signs in view until the change in alignment eliminates the need for additional signs. To be effective, the W1-8 signs should be visible for at least 500'.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
18" x 24"	9.0	12.0	0.8	-	-	B5-2418
24" x 30"	12.0	15.0	0.9	-	-	B5-3024
30" x 36"	15.0	18.0	1.0	-	-	B5-3630
36" x 48"	18.0	24.0	1.1	-	-	B5-4836

COLOR:

CHEVRON:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

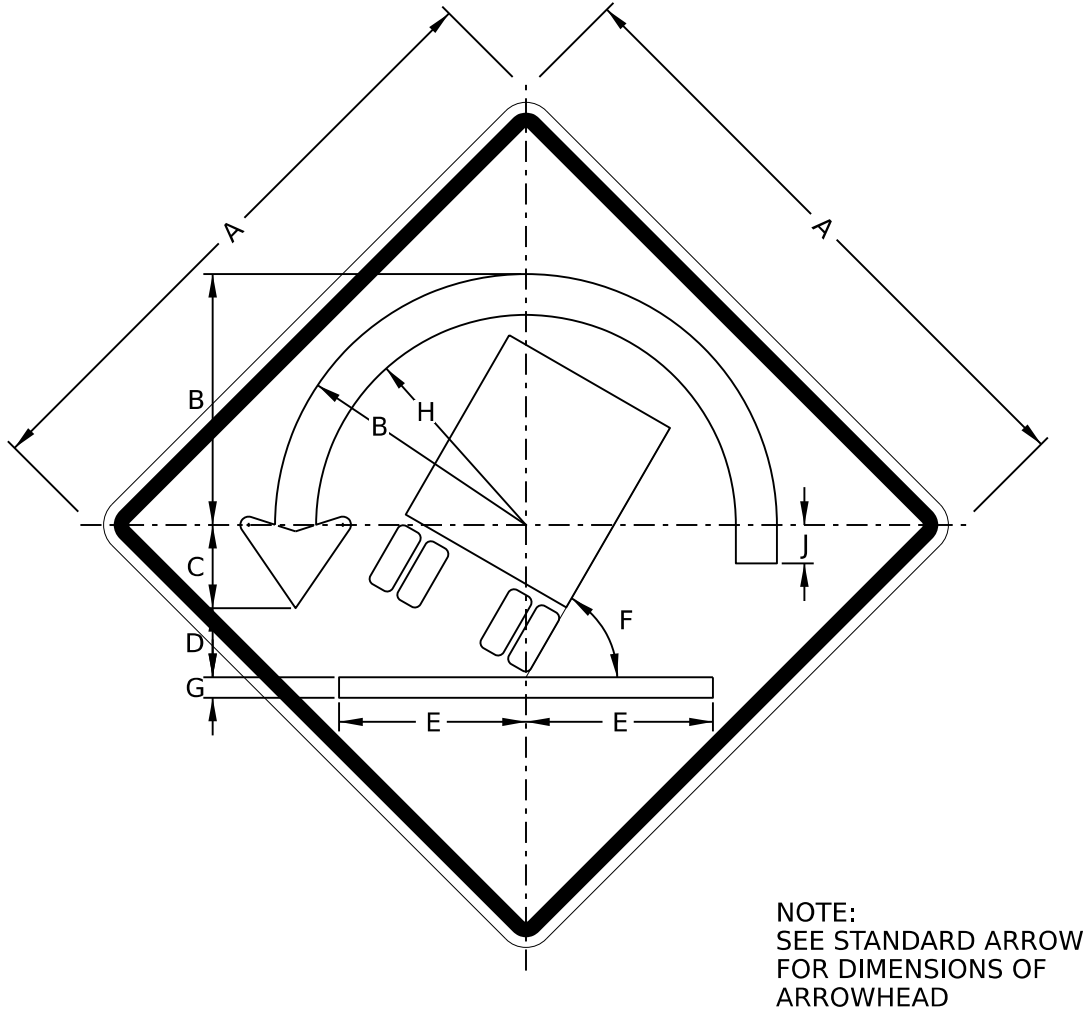
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W1-13L

## TRUCK ROLLOVER LEFT CURVE SIGN

The Truck Rollover Left Curve Sign (W1-13L) may be used as a supplement to a horizontal alignment warning sign to identify sharp curves to the left where trucks have a tendency to roll over. The W1-13L sign shall be used in accordance with MUTCD Chapter 2C Warning Signs. The sign should be placed downstream of the horizontal alignment warning sign in advance of the curve. When used, it shall be accompanied by an Advisory Speed Plaque (W13-1P) indicating the recommended speed for vehicles with a higher center of gravity. The use of this sign does not negate the need for other standard horizontal alignment treatments.



DIMENSIONS - IN											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
48" x 48"	19.6	6.5	5.4	14.6	60°	1.6	16.4	3.0	0.8	1.2	B3-48

COLOR:

ARROW, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

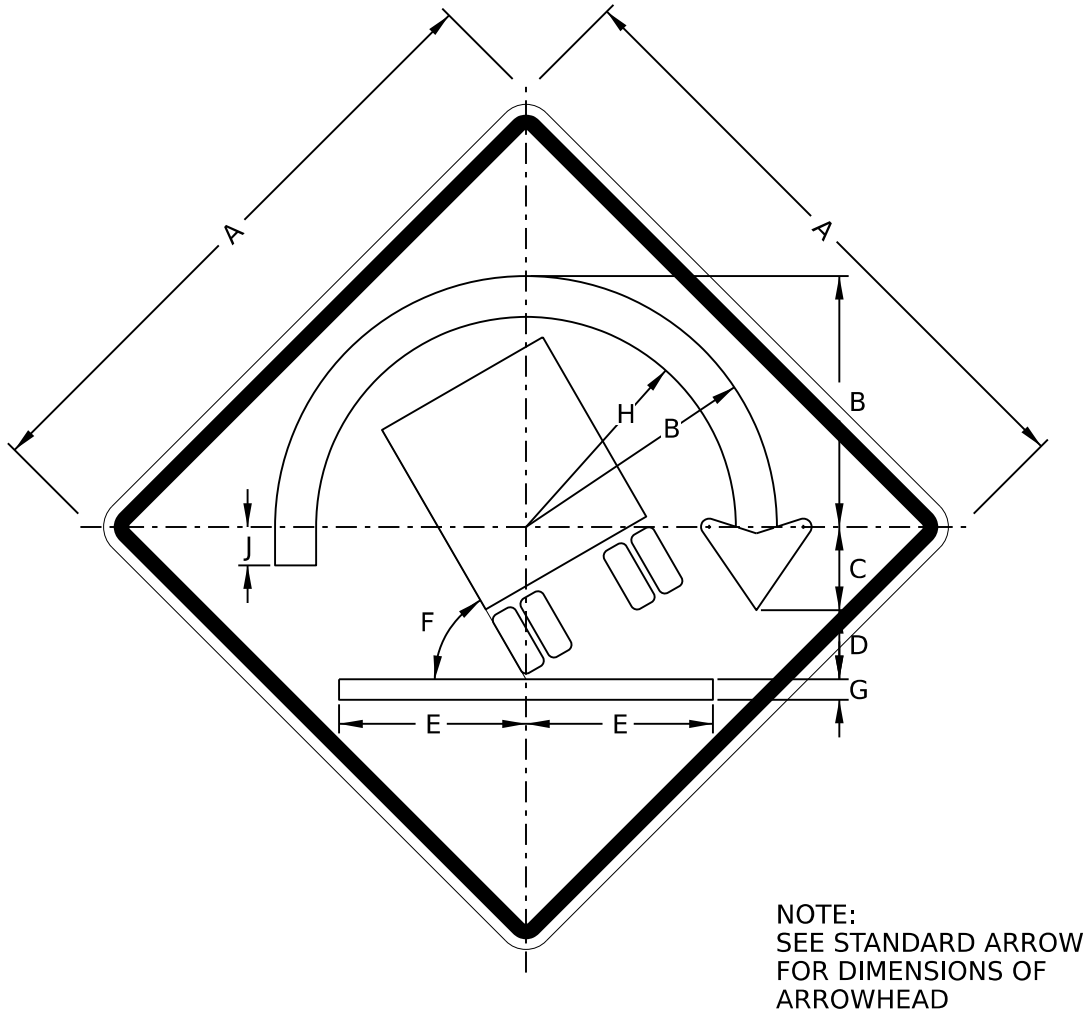
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W1-13R

## TRUCK ROLLOVER RIGHT CURVE SIGN

The Truck Rollover Right Curve Sign (W1-13R) may be used as a supplement to a horizontal alignment warning sign to identify sharp curves to the right where trucks have a tendency to roll over. The W1-13R sign shall be used in accordance with MUTCD Chapter 2C Warning Signs. The sign should be placed downstream of the horizontal alignment warning sign in advance of the curve. When used, it shall be accompanied by an Advisory Speed Plaque (W13-1P) indicating the recommended speed for vehicles with a higher center of gravity. The use of this sign does not negate the need for other standard horizontal alignment treatments.



DIMENSIONS - IN											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
48" x 48"	19.6	6.5	5.4	14.6	60°	1.6	16.4	3.0	0.8	1.2	B3-48

COLOR:

ARROW, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

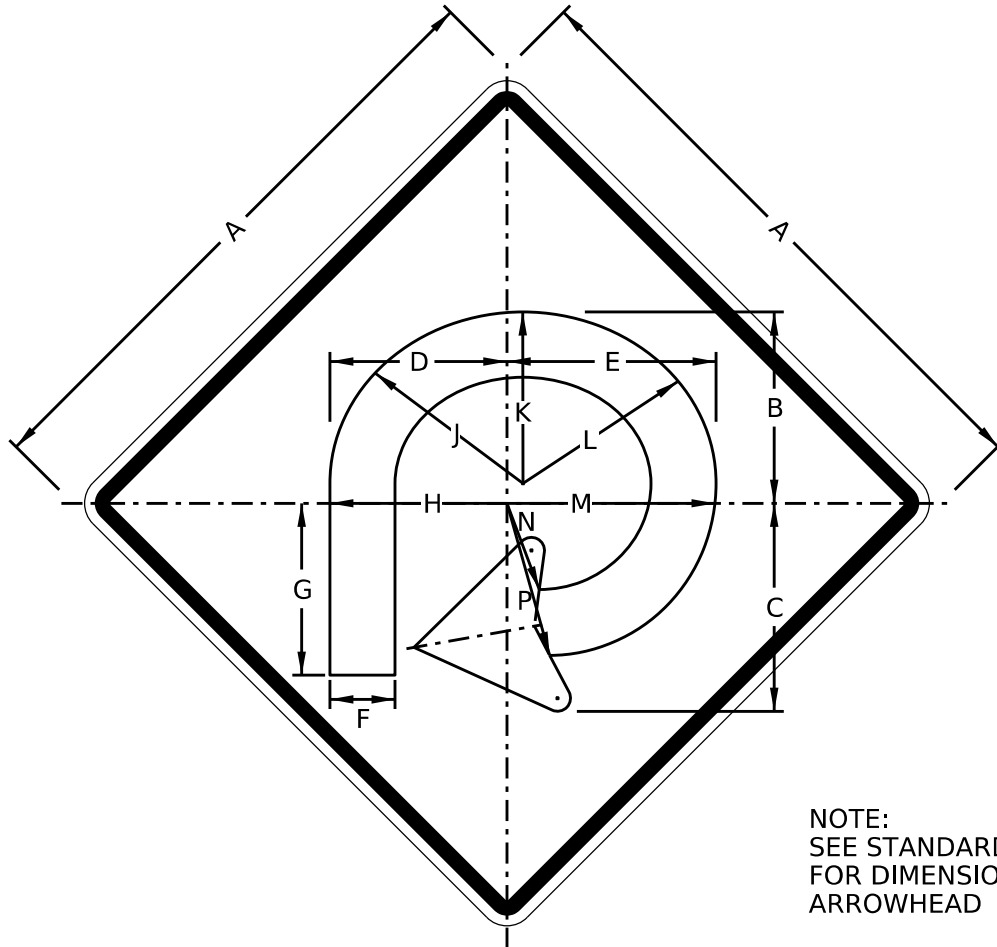
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W1-15

## 270 DEGREE LOOP SIGN

The 270 Degree Loop Sign (W1-15) may be used if a curve has a change of direction of approximately 270 degrees, such as on a cloverleaf interchange ramp. The W1-15 sign may be used instead of a Curve or Turn sign.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN																
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	9.3	10.2	8.6	10.3	3.2	8.4	9.4	9.0	8.4	9.0	9.4	5.3	8.5	0.5	0.8	B3-30
36" x 36"	11.1	12.2	10.3	12.4	3.8	10.1	11.3	10.8	10.0	10.8	11.3	6.3	10.2	0.6	0.8	B3-36
48" x 48"	14.9	16.3	13.8	16.5	5.1	13.5	15.1	14.3	13.4	14.3	15.1	8.4	13.6	0.8	1.2	B3-48

COLOR:

ARROW AND BORDER:  
BLACK (REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

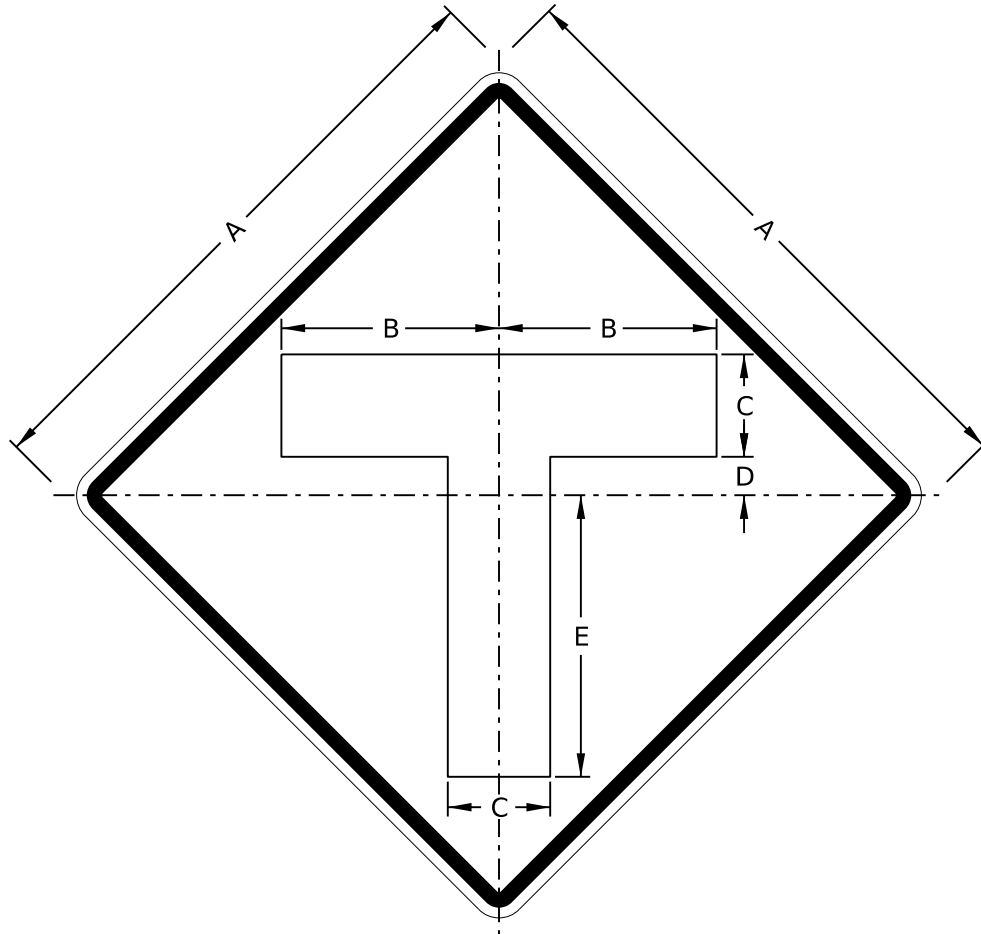
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W2-4

## "T" INTERSECTION SIGN

The "T" Intersection Sign (W2-4) shall be authorized for use to warn traffic approaching a "T" intersection on the highway that forms the stem of the "T" such as where traffic must take a turn either to the right or the left.

A large Double Arrow Sign (W1-7) may be used at the head of the "T" directly in line with approaching traffic.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
18" x 18"	6.4	3.0	1.3	8.4	0.4	0.6	B3-18
30" x 30"	10.6	5.0	1.8	13.8	0.5	0.8	B3-30
36" x 36"	12.8	6.0	2.2	16.5	0.6	0.8	B3-36
48" x 48"	17.0	8.0	3.0	22.0	0.8	1.2	B3-48

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

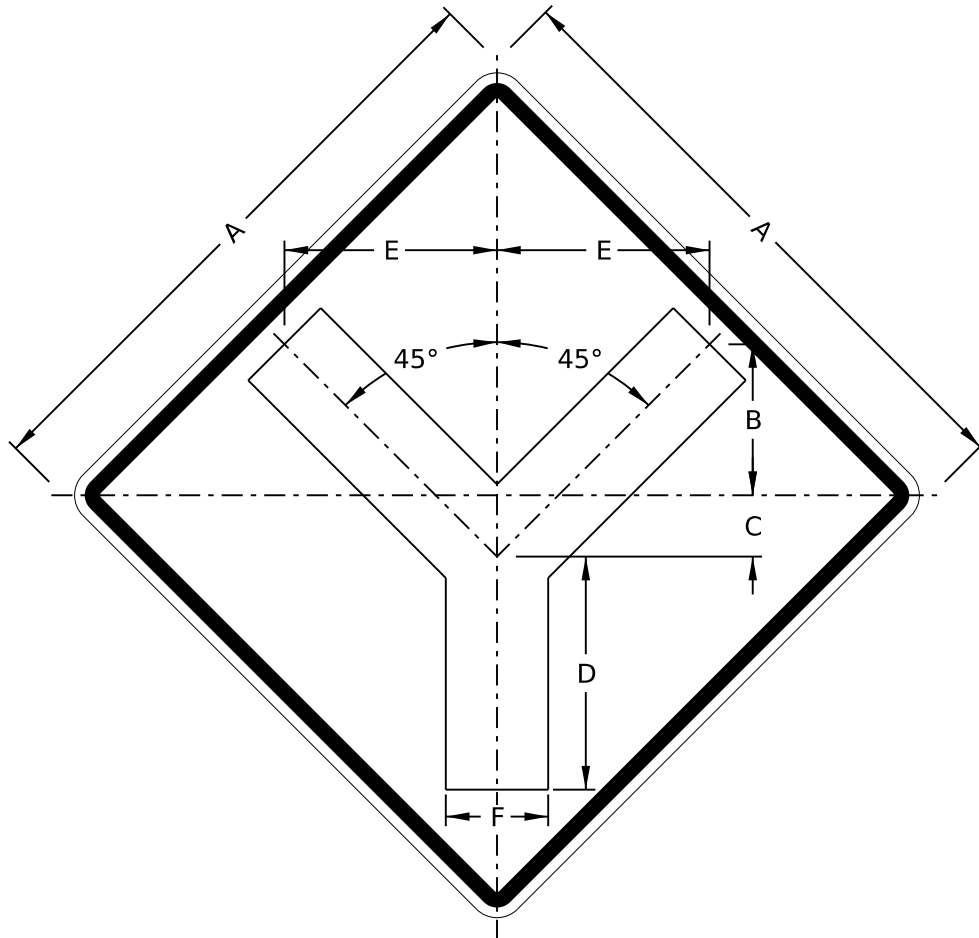
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W2-5

## "Y" INTERSECTION SIGN

The "Y" Intersection Sign (W2-5) shall be authorized for use to warn motorists approaching a "Y" intersection on the highway that forms the stem of the "Y". It should not be used at a "Y" intersection that is channelized by a traffic island.

A large Double Arrow Sign (W1-7) may be used at the fork of the "Y" directly in line with approaching traffic.



DIMENSIONS - IN								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
18" x 18"	4.5	1.8	6.8	6.3	3.0	0.4	0.6	B3-18
30" x 30"	7.4	3.0	11.4	10.4	5.0	0.5	0.8	B3-30
36" x 36"	8.8	3.6	13.7	12.5	6.0	0.6	0.8	B3-36
48" x 48"	11.8	4.8	18.2	16.6	8.0	0.8	1.2	B3-48

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

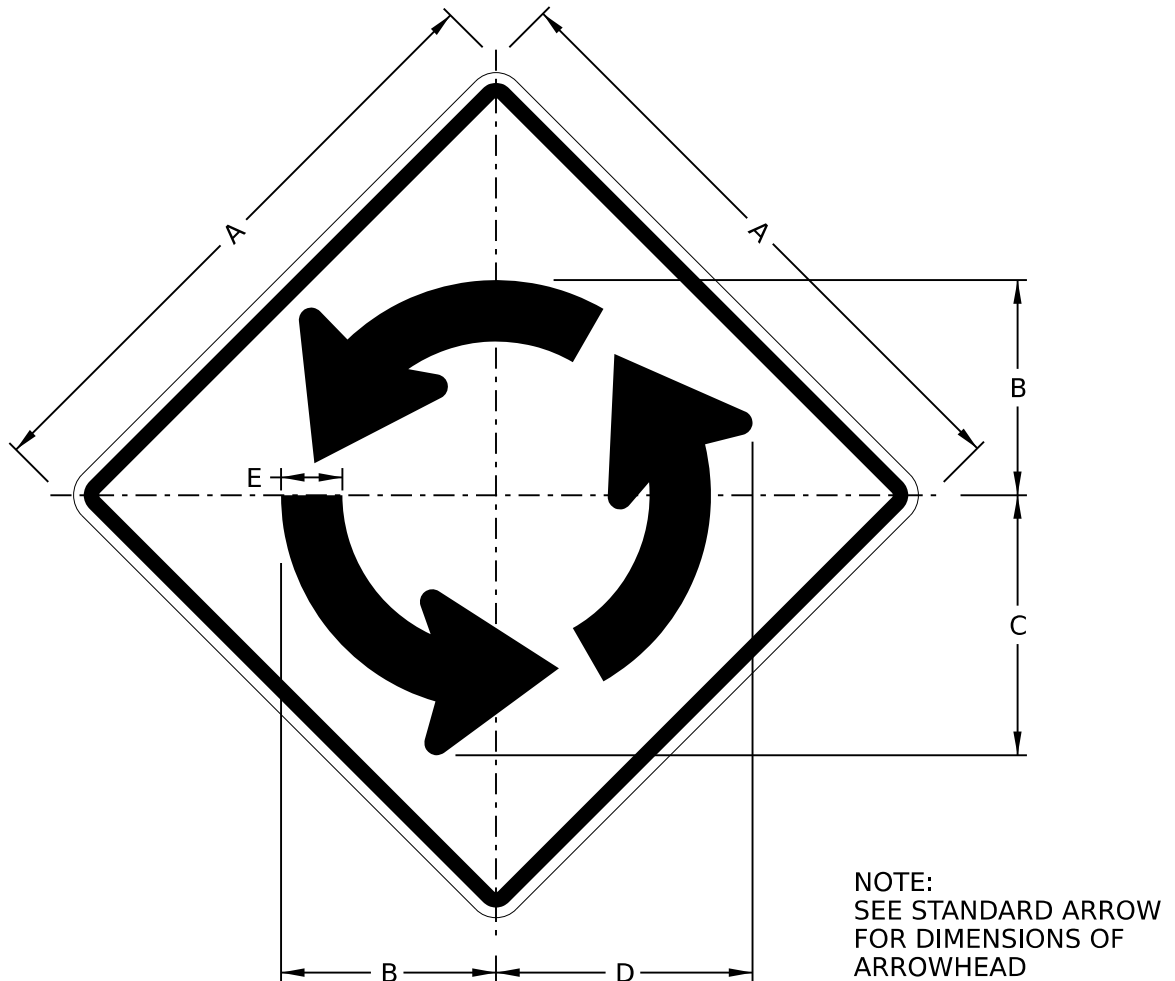
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W2-6

## CIRCULAR INTERSECTION SIGN

The Circular Intersection Sign (W2-6) may be used in advance of a circular intersection. When used, the Traffic Circle Plaque (W16-12P) should be installed below the W2-6 sign. If an approach to a circular intersection has a statutory or posted speed limit of 40 MPH or higher, the W2-6 sign should be installed in advance of the circular intersection.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	8.4	10.5	10.8	2.4	0.4	0.6	B3-24
30" x 30"	10.5	13.1	13.5	3.0	0.4	0.8	B3-30
36" x 36"	12.6	15.8	16.2	3.6	0.6	1.0	B3-36
48" x 48"	16.8	21.0	21.6	4.8	0.8	1.2	B3-48

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



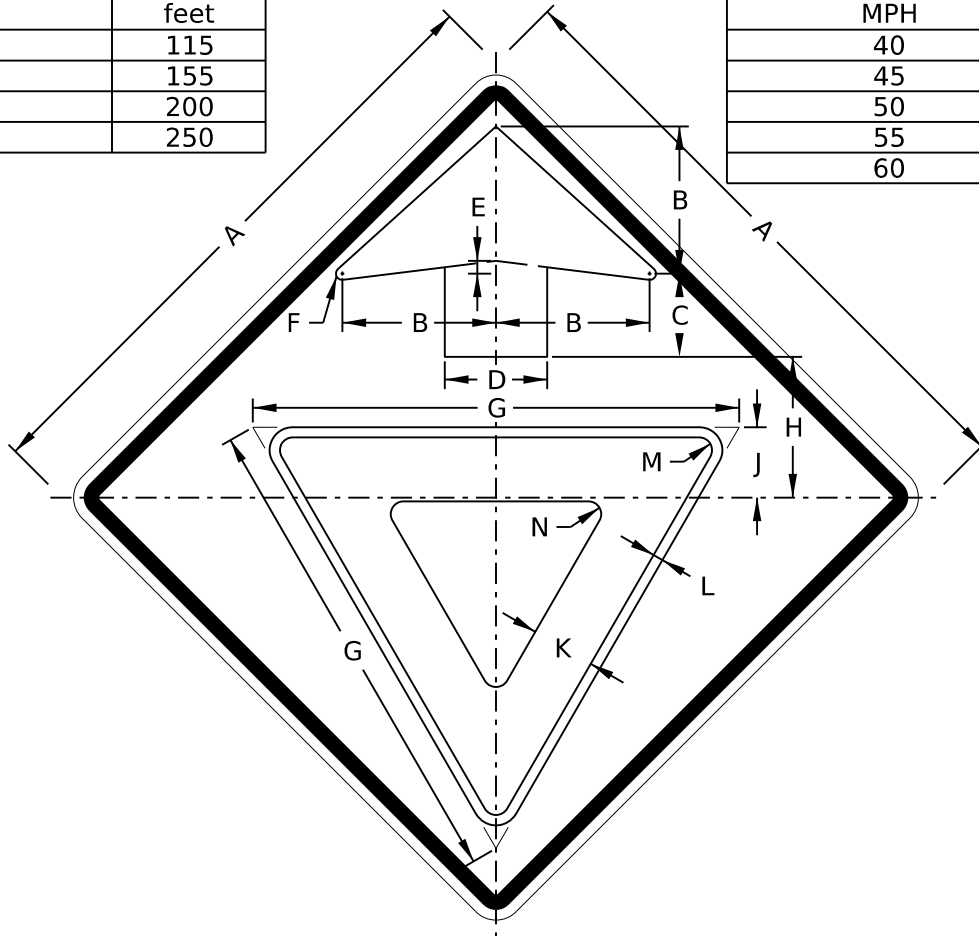
# W3-2

## YIELD AHEAD SIGN

The Yield Ahead Sign (W3-2) will be authorized for use in advance of a yield sign when physical conditions prevent the driver from having a continuous view of the yield sign for the following distances. Advance placement distance for the W3-2 sign will be based on Department regulation. When used in a work zone, the background color shall be orange. For a yield-controlled channelized right turn movement onto a roadway without an acceleration lane, a NO MERGE AREA (W4-5AP) supplemental plaque may be mounted below the W3-2 sign when engineering judgement indicates that road users would expect an acceleration lane to be present.

85th Percentile Speed MPH	Distance feet
20	115
25	155
30	200
35	250

85th Percentile Speed MPH	Distance feet
40	305
45	360
50	425
55	495
60	570



DIMENSIONS - IN															
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
18" x 18"	4.5	2.3	3.0	0.4	0.2	14.0	3.0	1.7	1.9	0.3	0.7	0.4	0.4	0.6	B3-18
36" x 36"	9.0	4.4	6.0	0.8	0.4	28.0	7.6	3.5	3.8	0.6	1.4	0.8	0.6	0.8	B3-36
48" x 48"	12.0	6.0	8.0	1.0	0.5	38.0	10.0	4.5	5.0	0.8	1.8	1.0	0.8	1.2	B3-48

COLOR:

ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

SYMBOL BORDER:  
RED (REFLECTORIZED)

SYMBOL BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W3-4

## BE PREPARED TO STOP SIGN

The Be Prepared To Stop Sign (W3-4) shall be authorized for use in unusual traffic operations to advise motorists that operations or conditions may cause intermittent stoppage of traffic.



DIMENSIONS - IN								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	5C	4.0	3.1	14.2	12.5	0.6	0.8	B3-36
48" x 48"	7C	5.4	4.4	19.8	17.3	0.8	1.0	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

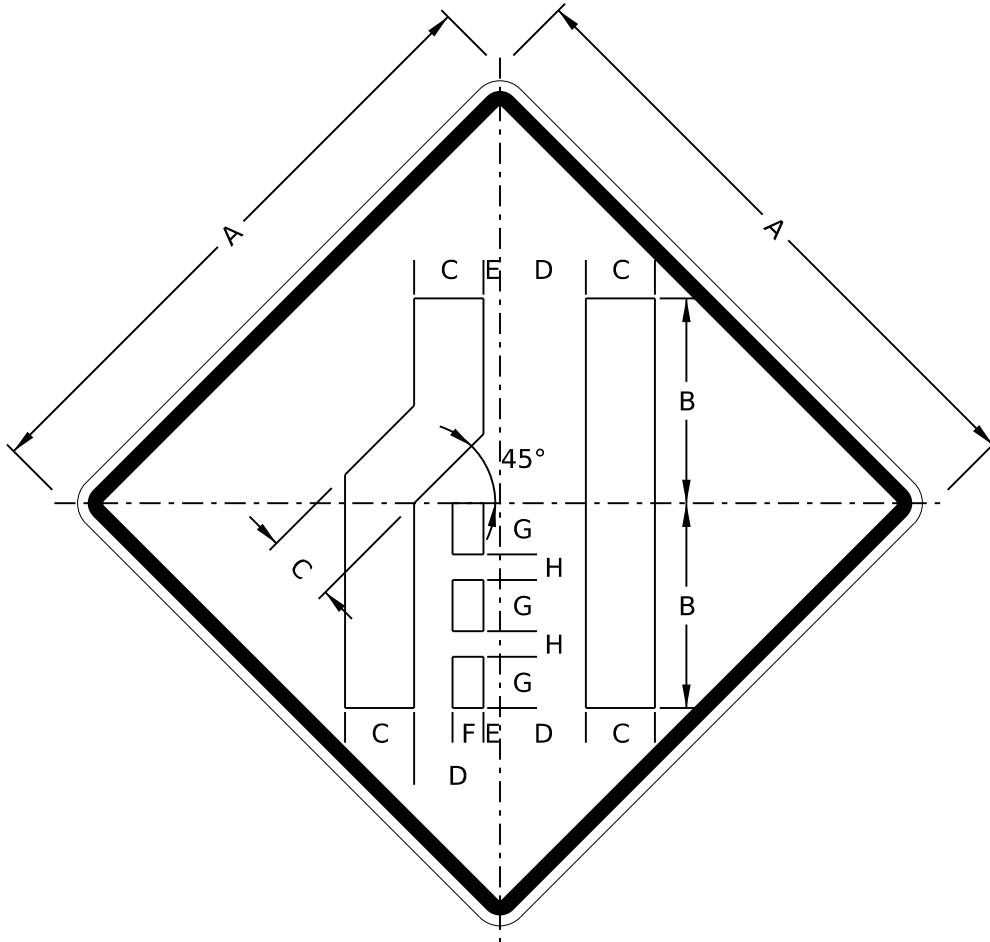
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W4-2L

## LANE ENDS (LEFT) SIGN

(a) Justification. The Lane Ends (Left) Sign (W4-2L) shall be authorized for use to give advance warning of the termination of the left lane of pavement.

(b) Placement. On one-way roadways, where the width of the median will permit, two W4-2L signs should be used, one on the right side and one in the median. It shall not be used in advance of the end of an acceleration lane.



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	12.0	4.0	5.0	1.0	1.8	3.0	1.5	0.6	0.8	B3-36
48" x 48"	16.0	5.4	6.7	1.3	2.4	4.0	2.0	0.8	1.2	B3-48

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

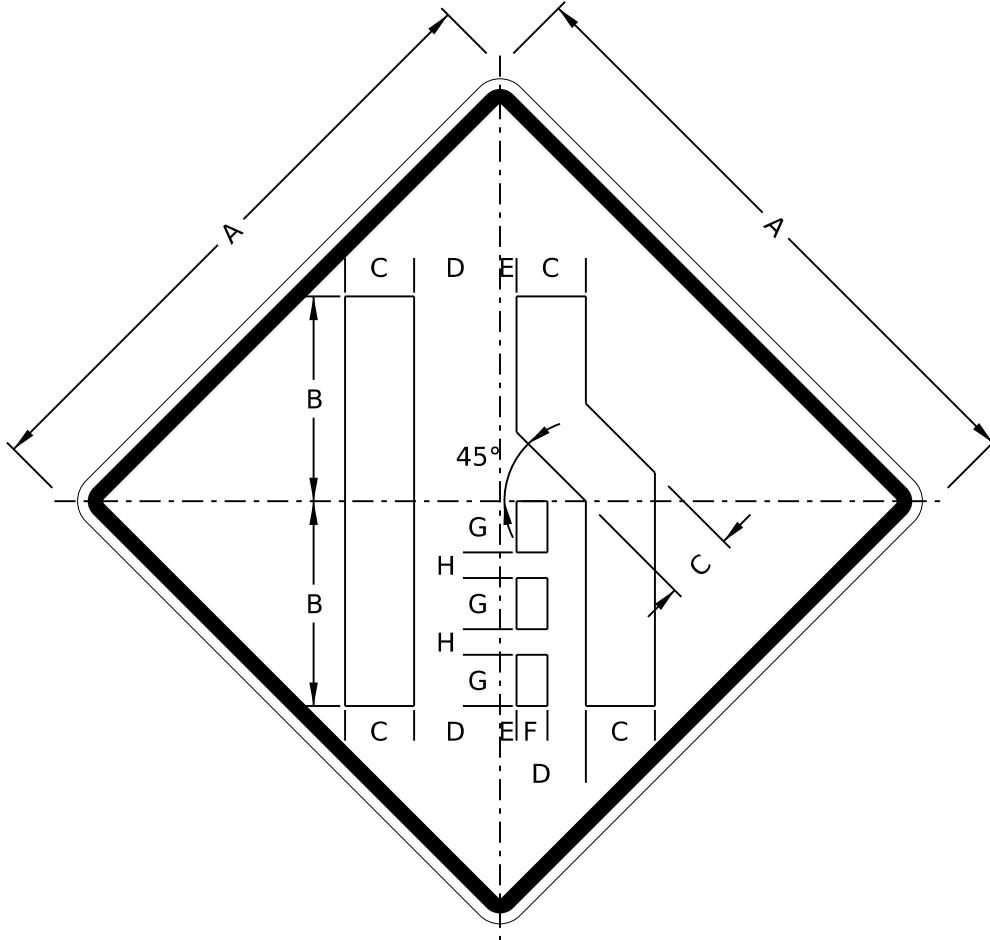
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W4-2R

## LANE ENDS (RIGHT)

(a) Justification. The Lane Ends (Right) Sign (W4-2R) shall be authorized for use to give advance warning of the termination of the right lane of pavement.

(b) Placement. On one-way roadways, where the width of the median will permit, two W4-2R signs should be used, one on the right side and one in the median. This sign should be used in advance of the termination of a truck climbing lane. It shall not be used in advance of the end of an acceleration lane.



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	12.0	4.0	5.0	1.0	1.8	3.0	1.5	0.6	0.8	B3-36
48" x 48"	16.0	5.4	6.7	1.3	2.4	4.0	2.0	0.8	1.2	B3-48

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

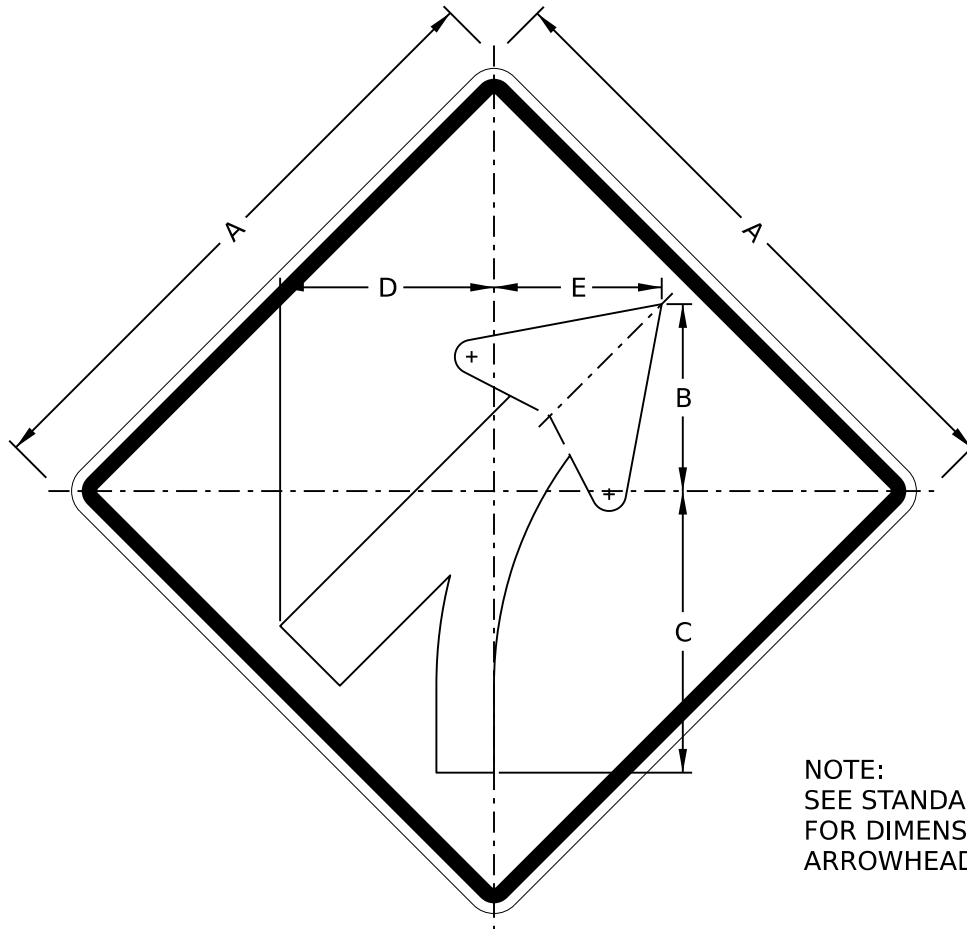
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W4-5

## ENTERING ROADWAY MERGE SIGN

The Entering Roadway Merge Sign (W4-5) should be used instead of the Merge (W4-1) sign to portray the actual geometric conditions to road users on an entering roadway, where the entering roadway curves before merging with the major roadway, such as a ramp with a curving horizontal alignment as it approaches the major roadway.

The W4-5 sign with a No Merge Area (W4-5AP) supplemental plaque mounted below it may be used to warn road users on an entering roadway that they will encounter an abrupt merging situation without an acceleration lane at the downstream end of the ramp.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	10.9	16.5	12.6	9.8	0.6	0.8	B3-36
48" x 48"	14.6	22.0	16.7	13.1	0.8	1.2	B3-48

COLOR:

ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

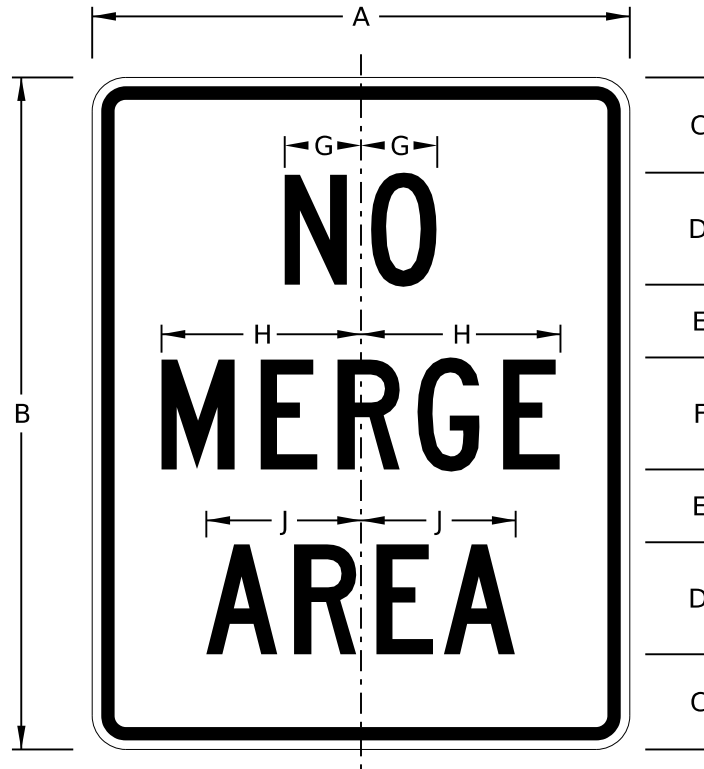
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W4-5AP

## NO MERGE AREA PLAQUE

A No Merge Area (W4-5AP) supplemental plaque may be mounted below an Entering Roadway Merge (W4-5) sign to warn road users on an entering roadway that they will encounter an abrupt merging situation without an acceleration lane at the downstream end of the ramp. A No Merge Area (W4-5AP) supplemental plaque may be mounted below a Merge (W4-1) sign to warn road users on the major roadway that traffic on an entering roadway will encounter an abrupt merging situation without an acceleration lane at the downstream end of the ramp. For a yield-controlled channelized right-turn movement onto a roadway without an acceleration lane, a No Merge Area (W4-5AP) supplemental plaque may be mounted below a Yield Ahead (W3-2) sign and/or below a Yield (R1-2) sign when engineering judgement indicates that road users would expect an acceleration lane to be present.



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
18" x 24"	3.5	4C	2.5	4C*	2.7	6.8	5.5	0.4	0.6	B5-2418
24" x 30"	4.25	5C	3.25	5C	3.4	8.9	6.9	0.4	0.6	B5-3024

\* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

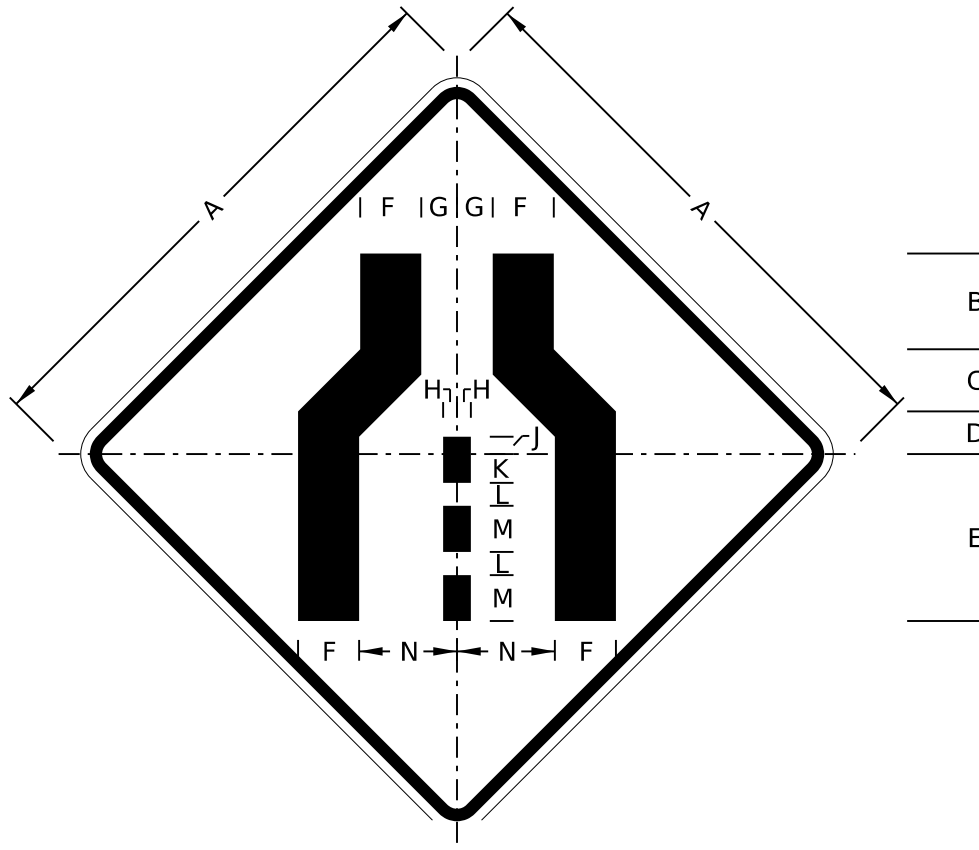
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W4-8

## SINGLE-LANE TRANSITION SIGN

The Single-Lane Transition Sign (W4-8) may be used to warn of a merge of two lanes to one lane in the same direction of travel with a merging maneuver required for each lane. This type of merge is for a geometric condition where both approach lanes merge into a single lane, not where one lane merges into the other.



DIMENSIONS - IN															
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	6.3	4.1	2.8	10.9	4.0	2.3	0.9	1.1	1.9	1.5	3.0	6.4	0.6	0.8	B3-36
48" x 48"	8.3	5.4	3.7	14.5	5.3	3.1	1.2	1.5	2.5	2.0	4.0	8.5	0.8	1.2	B3-48

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

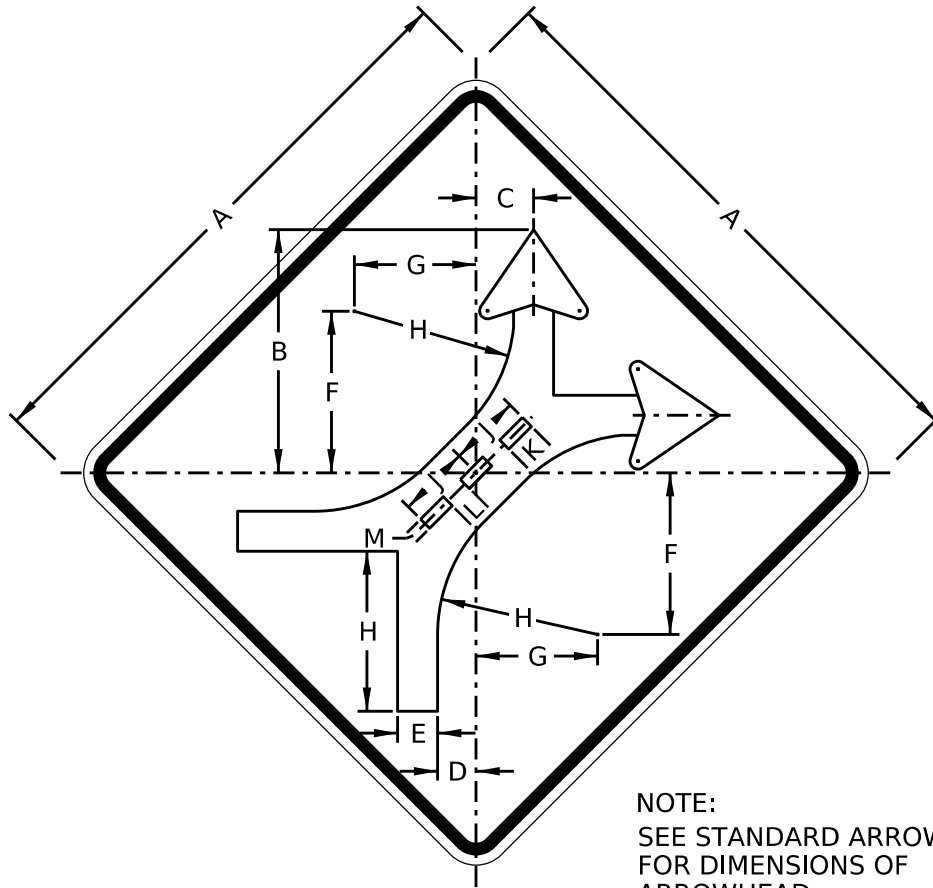
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W4-13

## WEAVE AREA SIGN

(a) Justification. The Weave Area Sign (W4-13) may be used to warn drivers that they will be merging with another roadway into a weaving area, and exiting on one of two roadways.

(b) Placement. When used, the W4-13 sign should be placed in advance of the weave area. It may be used on both of the approach roadways; when used on the left roadway, it should be rotated 90 degrees counter clockwise.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN														
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	15.2	3.6	2.4	2.5	10.1	7.6	10.0	6.9	2.0	1.5	0.8	0.6	0.8	B3-36
48" x 48"	20.2	4.8	3.2	3.3	13.4	10.1	13.3	9.2	2.7	2.0	1.1	0.8	1.2	B3-48

COLOR:

ARROW, SYMBOL, AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

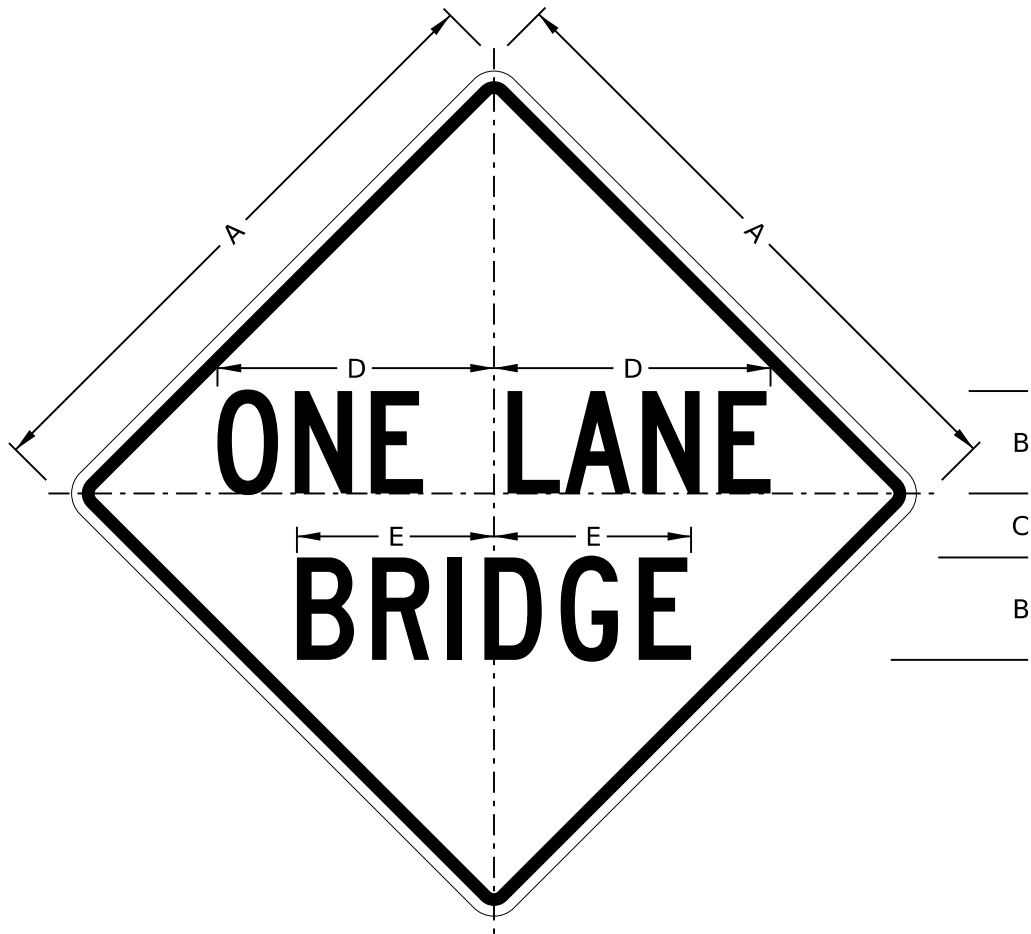


# W5-3

## ONE LANE BRIDGE SIGN

The One Lane Bridge Sign (W5-3) should be used on two-way roadways in advance of any bridge or culvert:

- A. Having a roadway horizontal clearance of less than 16 feet, or
- B. Having a roadway horizontal clearance of less than 18 feet when commercial vehicles constitute a high proportion of the traffic, or
- C. Having a roadway horizontal clearance of 18 feet or less where the sight distance on the approach is less than that shown in Condition A of MUTCD Table 2C-3.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	6C	4.0	16.2	11.5	0.6	0.8	B3-36
48" x 48"	8C	5.0	21.6	15.4	0.8	1.0	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

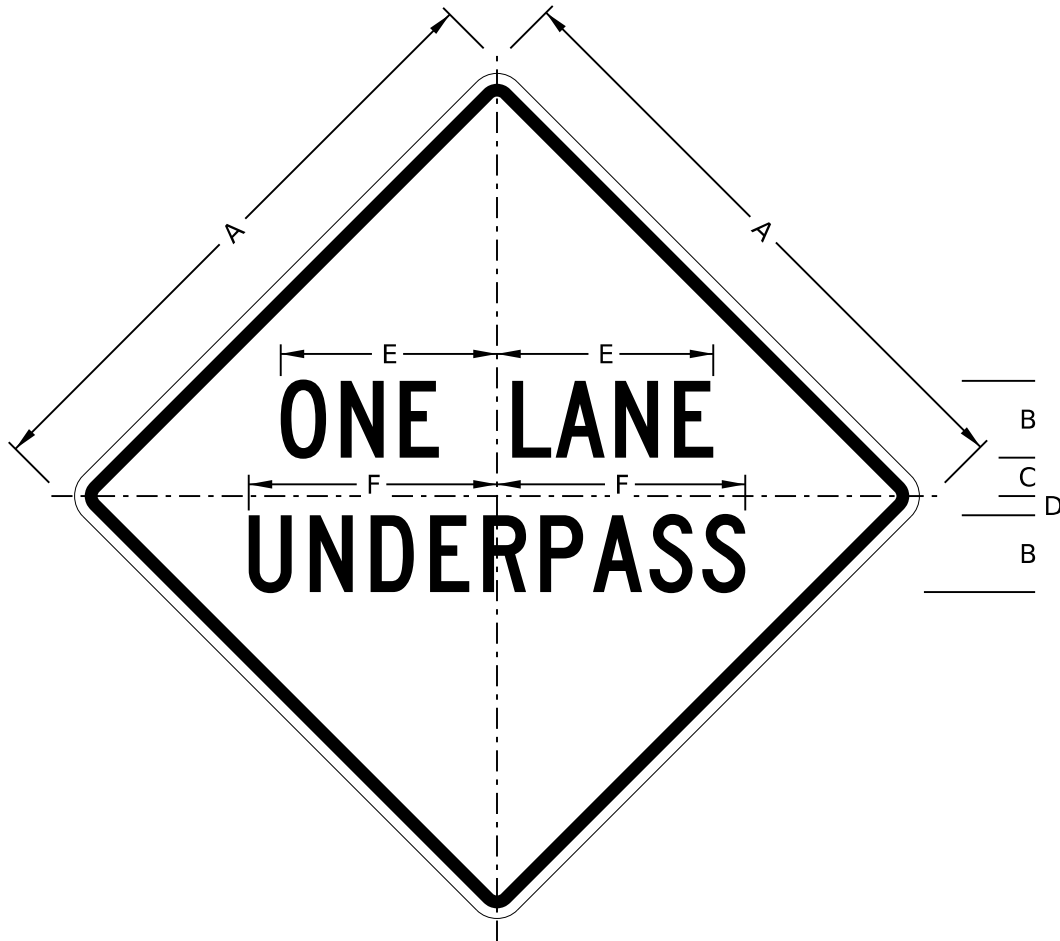
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W5-3A

## ONE LANE UNDERPASS SIGN

The One Lane Underpass Sign (W5-3A) may be used to identify two-way underpasses having a roadway horizontal clearance of less than 18'. In addition, the W5-3A sign may be used to identify two-way underpasses having a roadway horizontal clearance of 18' or more if the approach roadway geometrics create an effective width so that vehicles can not safely pass each other.



DIMENSIONS - IN								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	5C	2.5	1.2	14.1	16.2	0.6	0.6	B3-36
48" x 48"	6C	3.0	1.5	16.9	19.4	0.8	0.8	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W7-1

## HILL SIGN

(a) Justification. The Hill Sign (W7-1) will be authorized for use in advance of a downgrade when the length, percent of grade, horizontal curvature, or combination thereof require special precaution on the part of the driver.

(b) Supplemental plaques.

(1) The Grade Plaque (W7-3P) or the ( ) Grade / ( ) Miles Plaque (W7-3BP) should be used beneath the W7-1 sign in advance of downgrades longer than the lengths indicated below, and at locations where crash experience or field observations indicate a need:

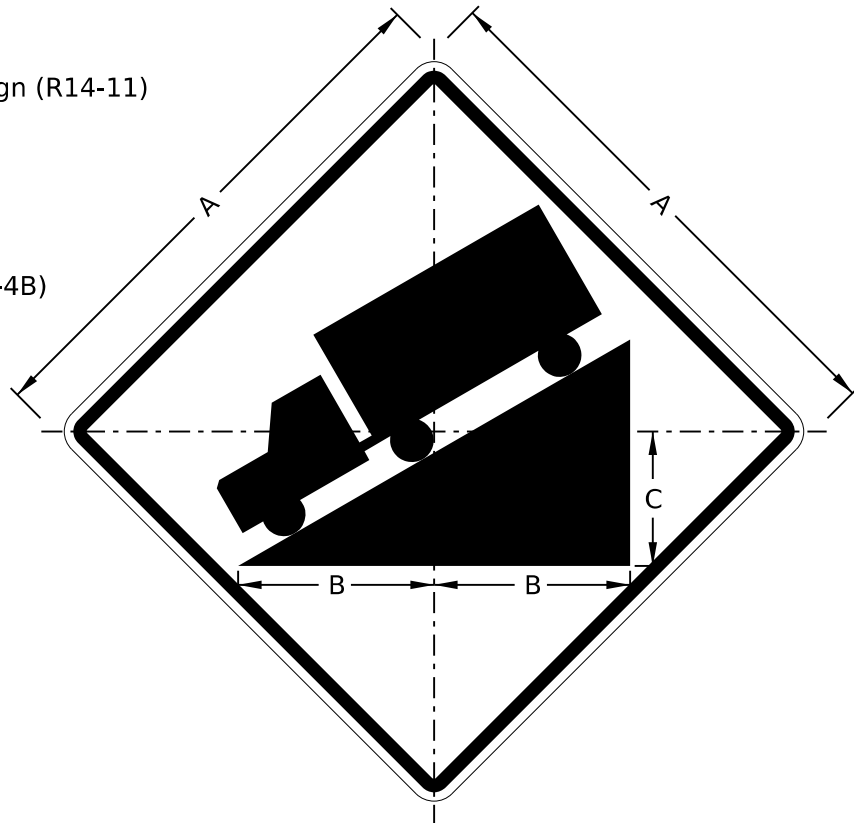
Percent Grade	Length - FT
4	6000
5	3000
6	2000

Percent Grade	Length - FT
7	1000
8	750
9	500

(2) On long grades, the Next ( ) Miles Plaque (W7-3AP) or the ( ) Grade / ( ) Miles Plaque (W7-3BP) may be used beneath the W7-1 sign at periodic intervals.

(c) Related Signs. When potentially hazardous conditions exist, a special diagrammatic sign may be used at a truck turnout or along the roadway where trucks are travelling at a speed at which the driver can read the sign. In addition, other related signs that may be authorized include the following:

Trucks Over ( ) Lbs. Speed Sign (R2-2-1)  
 Runaway Vehicles Only Sign (R4-10)  
 Trucks Reduced Gear Sign (R14-10)  
 Trucks Over ( ) Lbs. Gross Weight Reduce Gear Sign (R14-11)  
 Reduce Gear Zone Sign (R14-12)  
 Stay in Reduced Gear Sign (R14-12-1)  
 End Reduced Gear Zone Sign (R14-13)  
 Trucks Over ( ) Lbs. Stop ( ) Feet Sign (R14-14)  
 Trucks Over ( ) Lbs. With Arrow Sign (R14-15)  
 Runaway Truck Ramp X Mile Sign (W7-4)  
 Runaway Truck Ramp Entrance Direction Sign (W7-4B)



DIMENSIONS - IN					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	11.0	7.5	0.5	0.8	B3-30
36" x 36"	13.2	9.0	0.6	0.8	B3-36
48" x 48"	17.5	12.0	0.8	1.2	B3-48

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

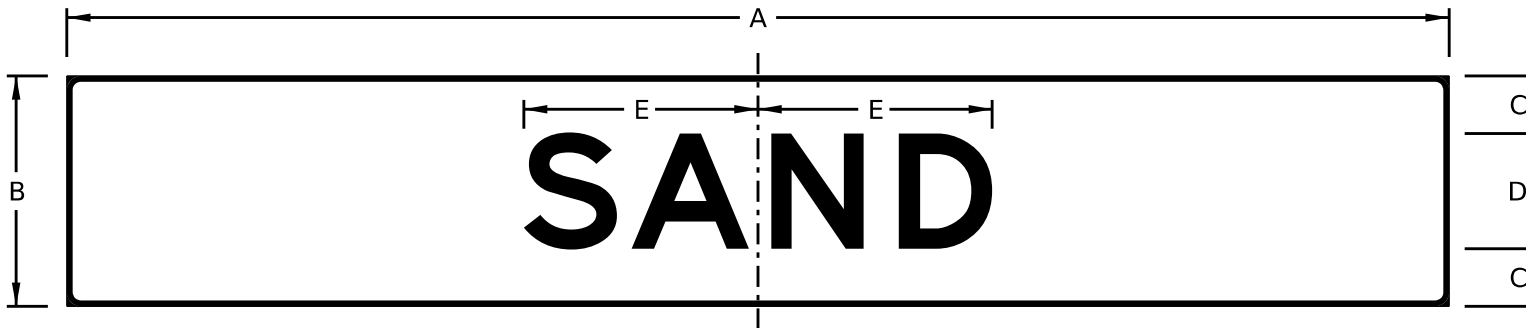
BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
 Manager, Traffic Engineering & Permits Section,  
 Bureau of Operations

# W7-4DP

## SAND-PLAQUE FOR RUNAWAY TRUCK RAMP SIGN



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
78" x 18"	5.0	8C	11.3	-	1.2	-----
114" x 18"	4.0	10E	20.0	-	1.0	-----
144" x 24"	6.0	12E	24.4	-	1.8	B11-14424

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

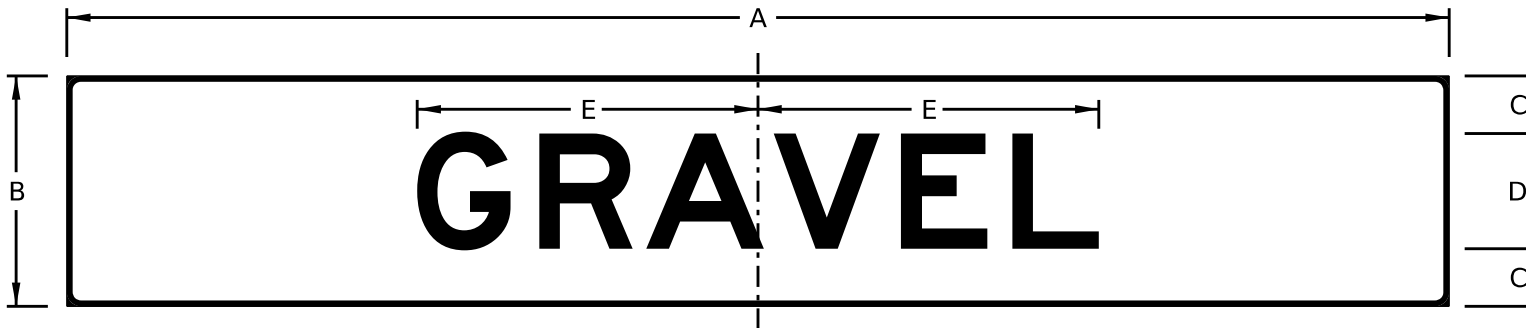
BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W7-4EP

## GRAVEL-PLAQUE FOR RUNAWAY TRUCK RAMP SIGN



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
78" x 18"	5.0	8C	16.4	-	1.2	-----
114" x 18"	4.0	10E	29.3	-	1.0	-----
144" x 24"	6.0	12E	35.5	-	1.8	B11-14424

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

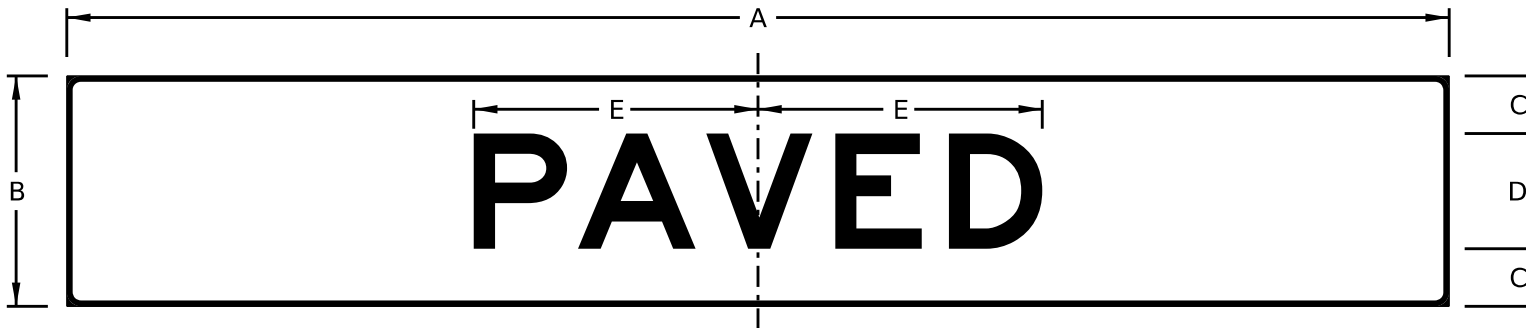
BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W7-4FP

## PAVED-PLAQUE FOR RUNAWAY TRUCK RAMP SIGN



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
78" x 18"	5.0	8C	13.5	-	1.2	-----
114" x 18"	4.0	10E	24.2	-	1.0	-----
144" x 24"	6.0	12E	29.6	-	1.8	B11-14424

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

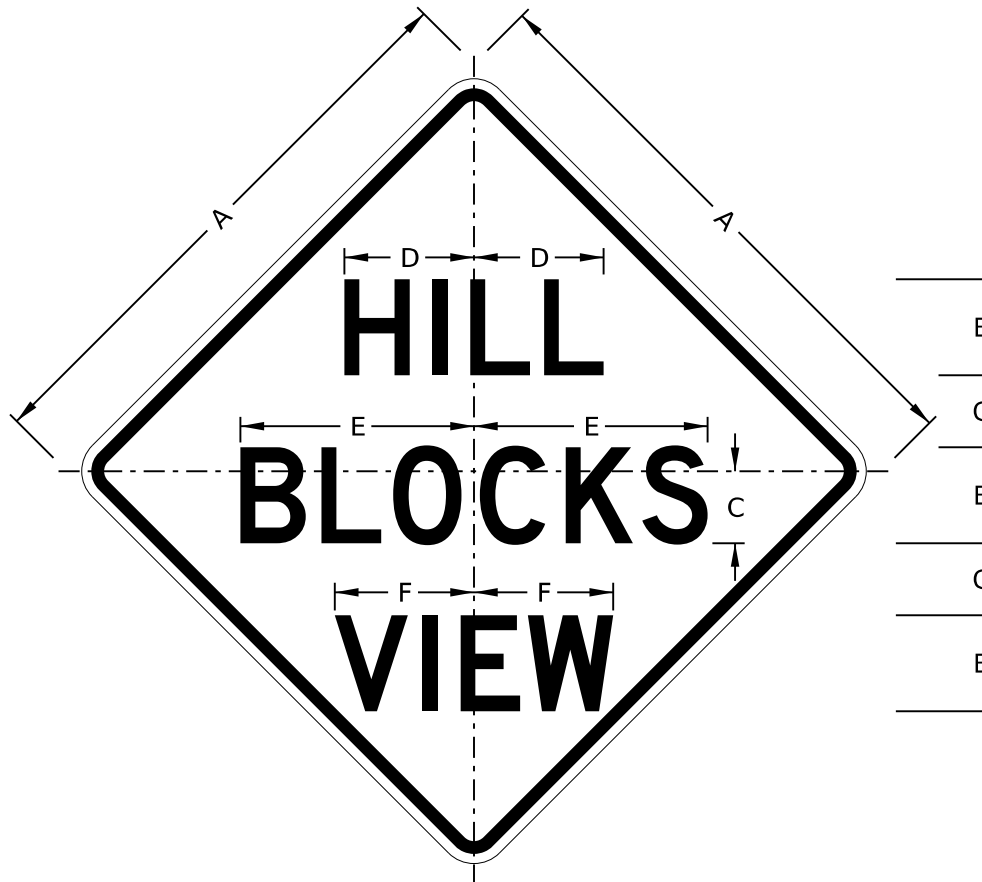
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W7-6

## HILL BLOCKS VIEW SIGN

The Hill Blocks View Sign (W7-6) may be used on the approach to a crest vertical curve where the vertical curvature provides inadequate stopping sight distance at the posted speed limit. When used, it should be supplemented by an Advisory Speed Plaque (W13-1P).



DIMENSIONS - IN								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	5D	2.5	6.8	12.2	7.2	0.5	0.8	B3-30
36" x 36"	6D	4.5	8.1	14.6	8.7	0.6	0.8	B3-36

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

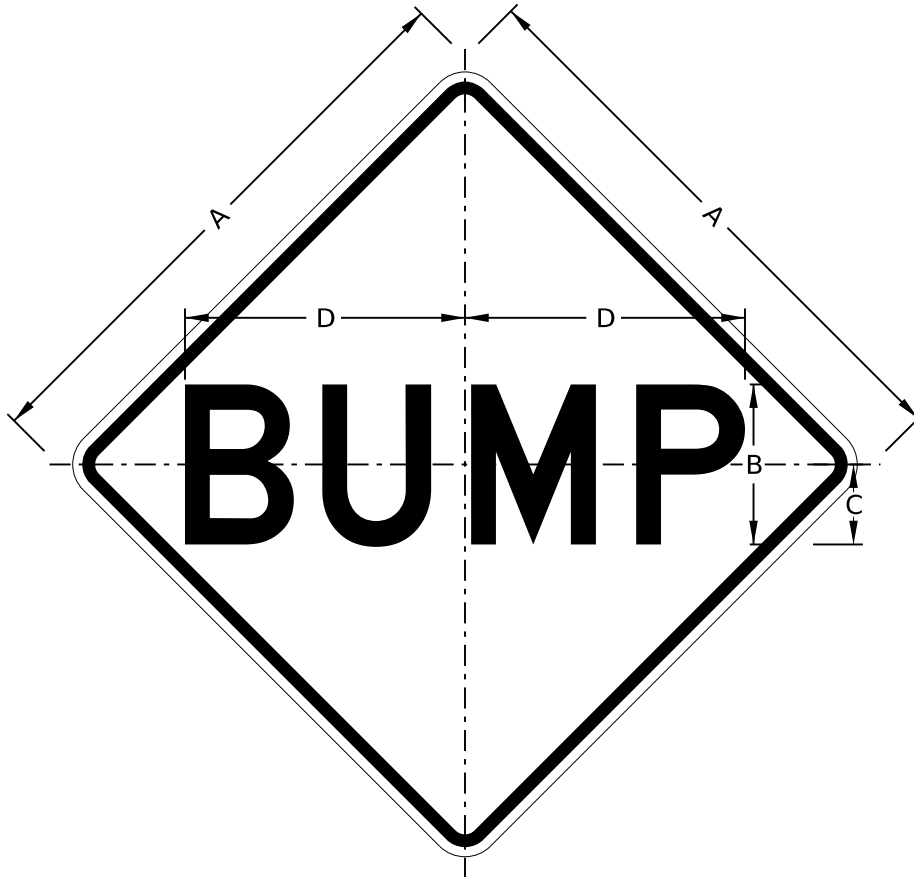
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W8-1

## BUMP SIGN

The Bump Sign (W8-1) shall be authorized for use in advance of a sharp rise in the profile of the road that is sufficiently abrupt to create a hazardous condition, to cause considerable discomfort to passengers, to cause a shifting of the cargo, or to deflect a vehicle from its true course.

The sign shall be removed when the condition has been corrected.



DIMENSIONS - IN						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
18" x 18"	4D	2.0	6.9	0.4	0.6	B3-18
30" x 30"	8D	4.0	14.1	0.5	0.8	B3-30
36" x 36"	10D	5.0	17.5	0.6	0.8	B3-36

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

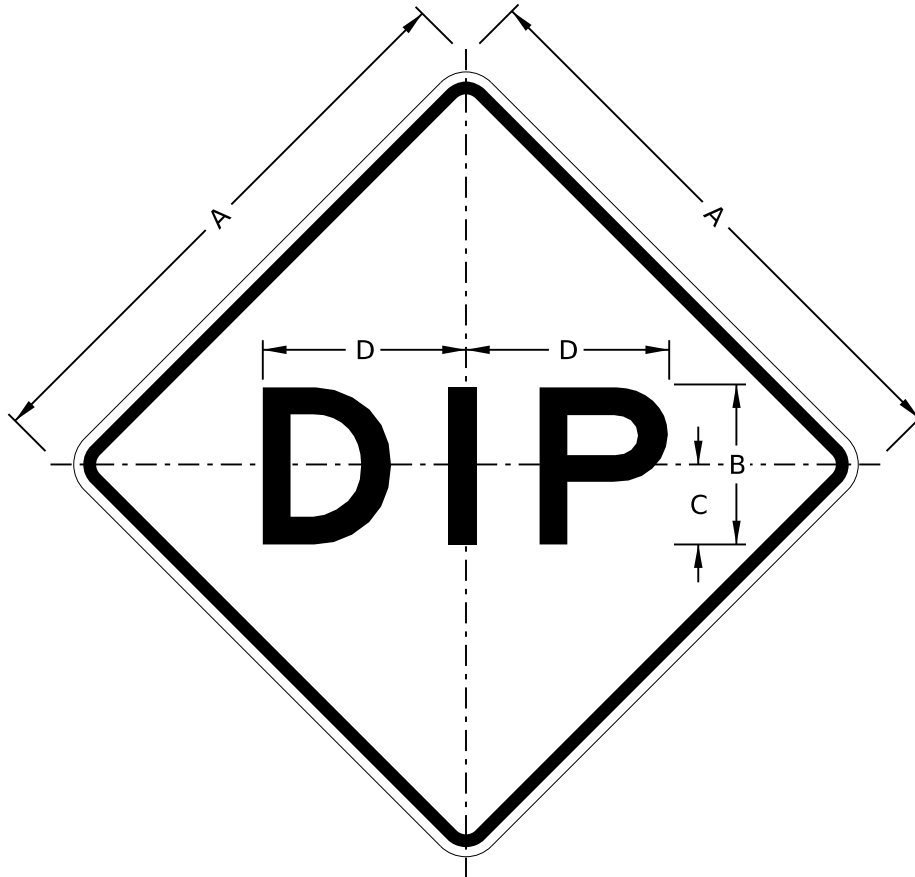


# W8-2

## DIP SIGN

The Dip Sign (W8-2) shall be authorized for use in advance of a depression in the profile of the road that is sufficiently abrupt to create a hazardous condition, to cause considerable discomfort to passengers, to cause a shifting of the cargo, or to deflect a vehicle from its true course.

The sign shall be removed when the condition has been corrected.



DIMENSIONS - IN						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
18" x 18"	5E*	2.5	6.3	0.4	0.6	B3-18
30" x 30"	8E*	4.0	10.1	0.5	0.8	B3-30
36" x 36"	10E*	5.0	12.7	0.6	0.8	B3-36

\* INCREASE SPACING 50%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

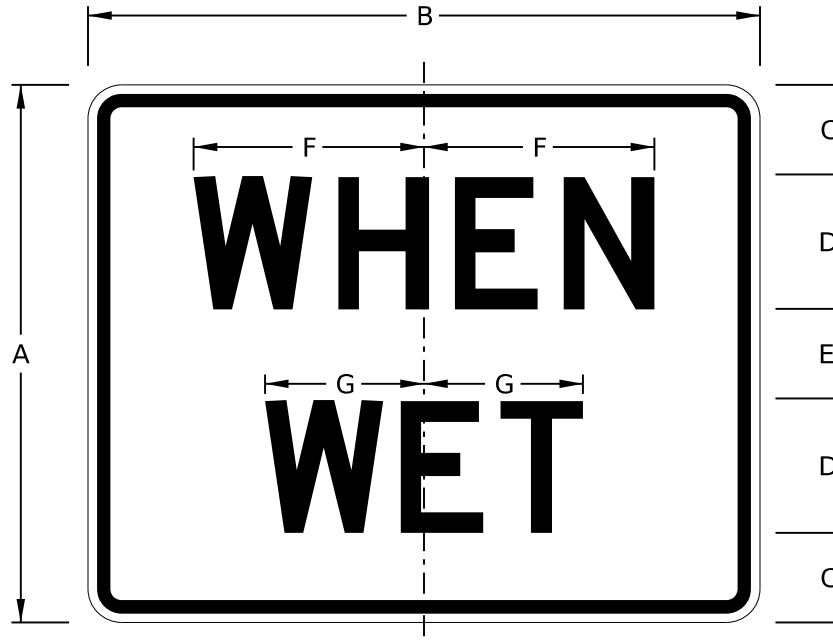
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W8-5P

## WHEN WET PLAQUE

The When Wet Plaque (W8-5P) may be used as an educational plaque below the Slippery When Wet Sign (W8-5). The 24" x 18" size shall be used with the 30" x 30", the 30" x 24" with the 36" x 36" and the 36" x 30" with the 48" x 48" size W8-5 sign.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	3.5	4D	3.0	6.9	4.7	0.4	0.6	B5-2418
30" x 24"	4.0	6D	4.0	10.3	7.1	0.4	0.6	B5-3024
36" x 30"	5.5	7D	5.0	12.0	8.3	0.5	0.8	B5-3630

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

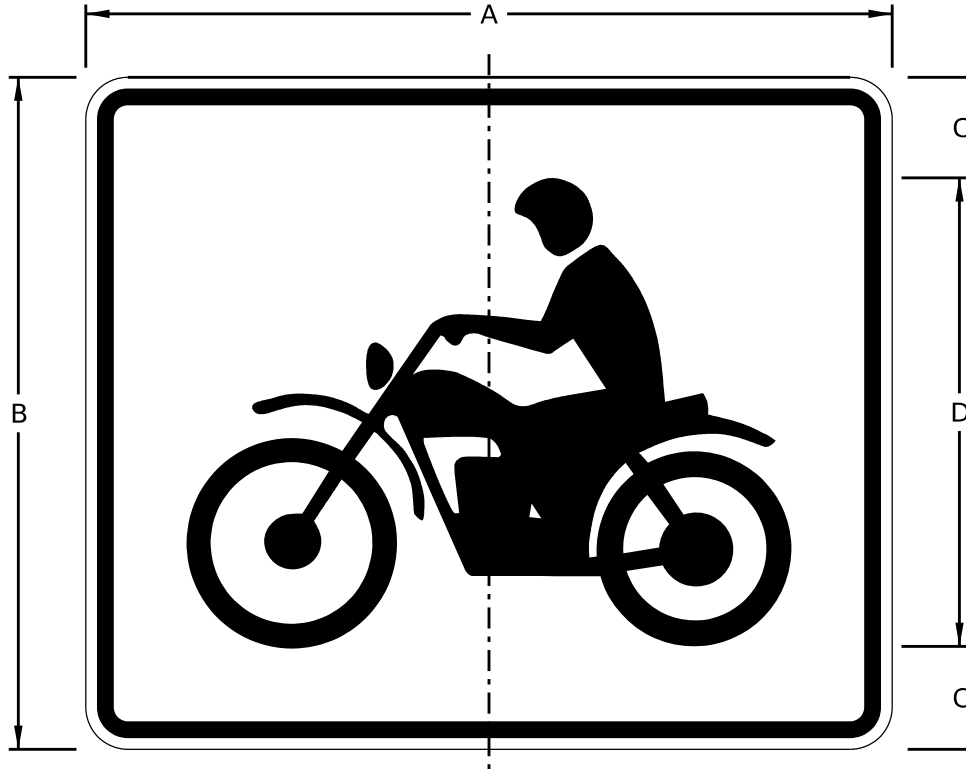
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W8-15P

## MOTORCYCLE PLAQUE

The Motorcycle Plaque (W8-15P) may be mounted as an educational plaque below the Grooved Pavement Sign (W8-15) or other warning signs where the warning is intended to be directed primarily to motorcyclists.



DIMENSIONS - IN					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	2.0	14.0	0.4	0.6	B5-2418
36" x 30"	4.5	21.0	0.5	0.8	B5-3630

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

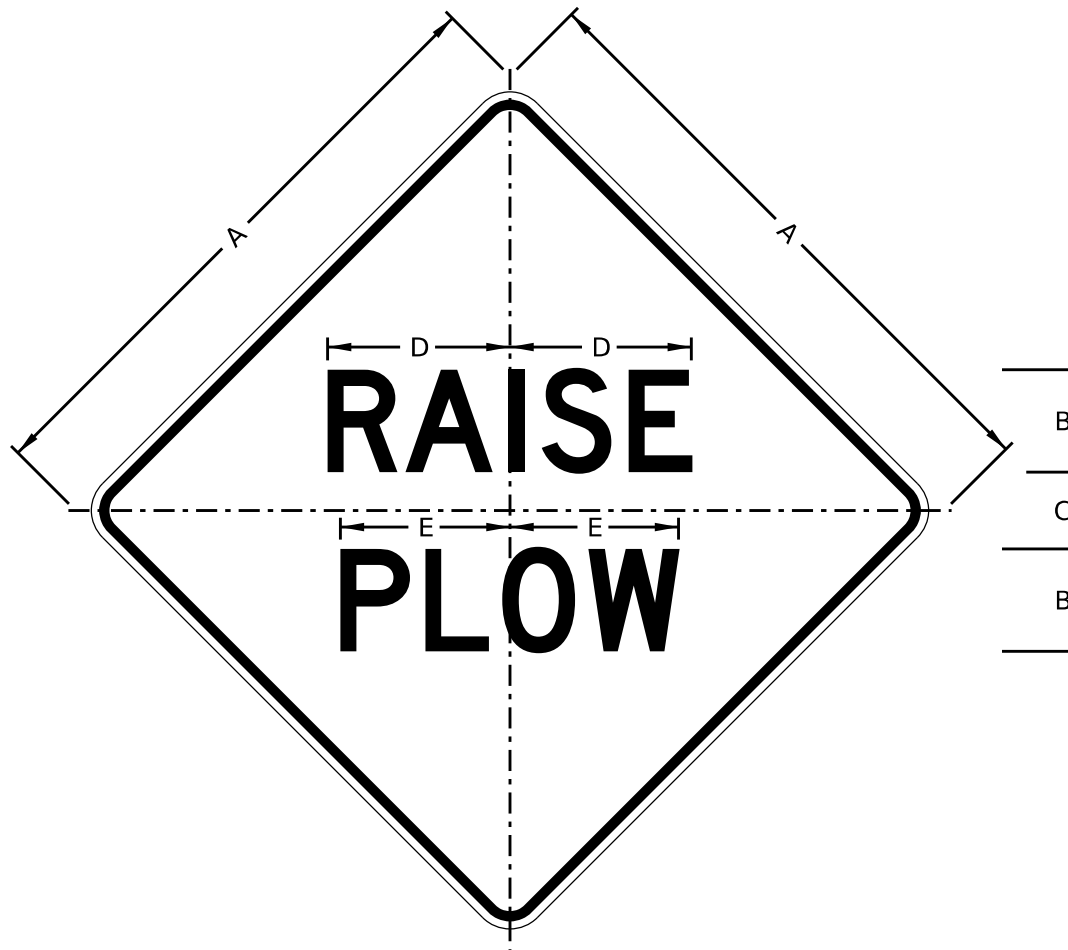
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W8-109

## RAISE PLOW SIGN

The Raise Plow Sign (W8-109) may be used to warn plow drivers of unexpected roadway surface impediments on roadways with speed limits of 35 MPH or greater. Sign shall be removed after impediment has been rectified.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	6D	4.0	10.7	9.9	0.6	0.8	B3-36
48" x 48"	8D	6.0	14.2	13.2	0.8	1.0	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

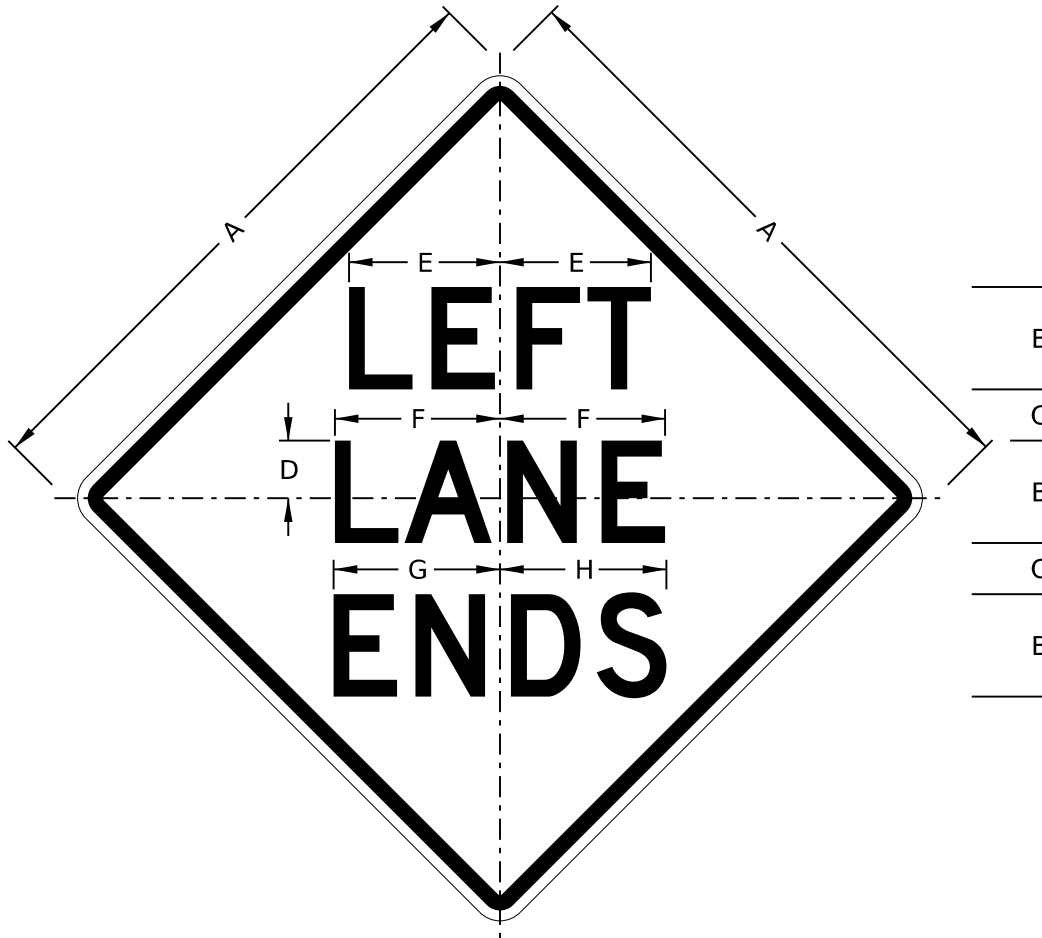
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W9-1L

## LEFT LANE ENDS SIGN

The Left Lane Ends Sign (W9-1L) may be installed in advance of the Lane Ends (Left) Sign (W4-2L) to provide additional warning that a left lane is ending and that a merging maneuver will be required. If used, the W9-1L sign should be installed adjacent to the lane-reduction arrow pavement markings.



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	5D	2.6	1.6	7.3	8.0	7.9	8.2	0.4	0.8	B3-30
36" x 36"	6D	3.0	2.0	8.9	9.6	9.4	10.0	0.6	1.0	B3-36
48" x 48"	8D	4.0	4.5	11.8	12.9	12.6	13.4	0.8	1.2	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

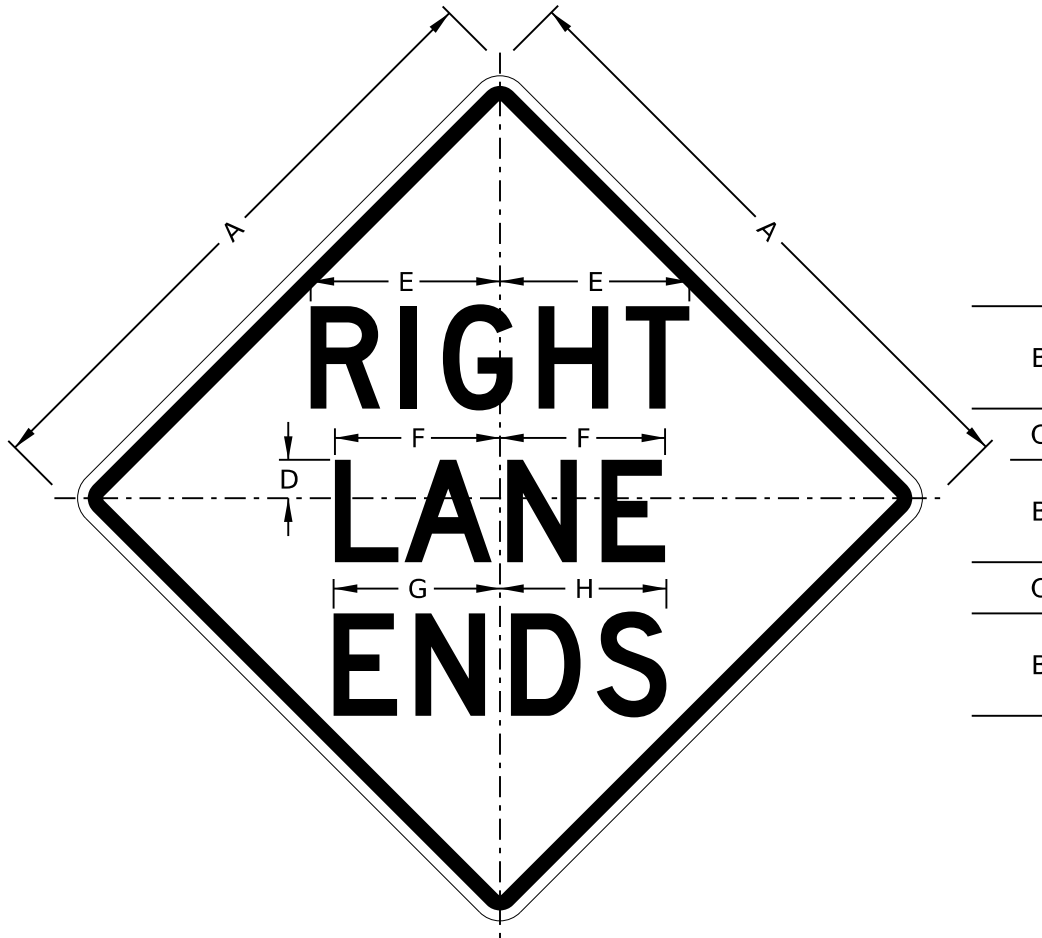
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W9-1R

## RIGHT LANE ENDS SIGN

The Right Lane Ends Sign (W9-1R) may be installed in advance of the Lane Ends (Right) Sign (W4-2R) to provide additional warning that a right lane is ending and that a merging maneuver will be required. If used, the W9-1R sign should be installed adjacent to the lane-reduction arrow pavement markings.



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	5D	2.6	1.6	9.1	8.0	7.9	8.2	0.4	0.8	B3-30
36" x 36"	6D	3.0	2.0	11.1	9.6	9.4	10.0	0.6	1.0	B3-36
48" x 48"	8D	4.0	3.0	14.8	12.9	12.6	13.4	0.8	1.2	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W9-2L

## LANE ENDS MERGE LEFT SIGN

The Lane Ends Merge Left Sign (W9-2L) shall be authorized for use as a supplement to the Pavement Width Transition-Right Lane Ends Sign (W4-2R).



Delete

DIMENSIONS - IN											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	3C	2.6	5D	8.9	9.2	10.4	7.3	2.6	0.4	0.8	B3-30
36" x 36"	4C	3	6D	11.4	11.8	12.6	8.9	3	0.6	1	B3-36
48" x 48"	6C	3.6	8D	16.6	17.1	16.8	11.8	2.6	0.8	1.2	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

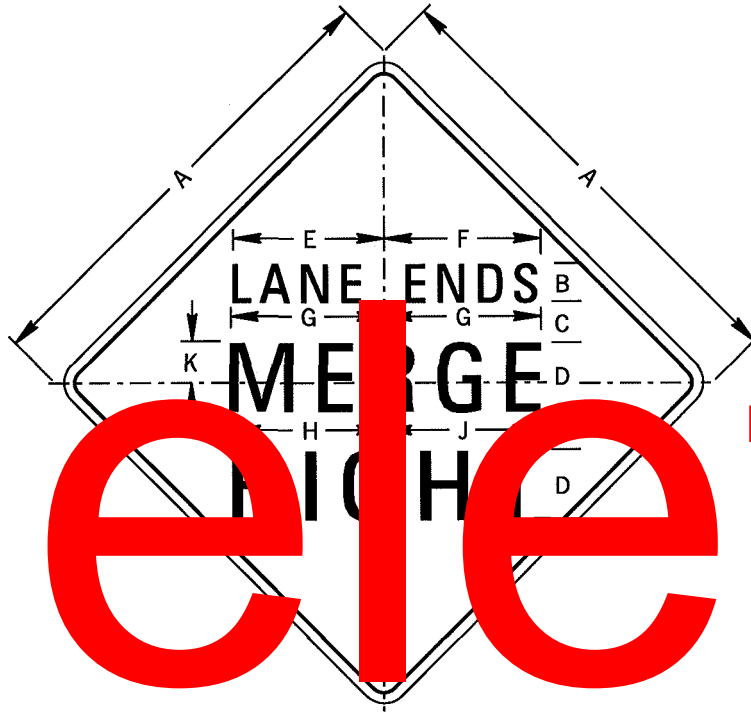
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Sen C. Rome Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

# W9-2R

## LANE ENDS MERGE RIGHT SIGN

The Lane Ends Merge Right Sign (W9-2R) shall be authorized for use as a supplement to the Pavement Width Transition-Left Lane Ends Sign (W4-2L).



Delete

DIMENSIONS - IN												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	3C	2.6	5D	8.9	9.2	10.4	8.8	9.5	2.6	0.4	0.8	B3-30
36" x 36"	4C	3	6D	11.4	11.8	12.6	10.5	11.6	3	0.6	1	B3-36
48" x 48"	6C	3.6	8D	16.6	17.1	16.8	14	15.5	3.4	0.8	1.2	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

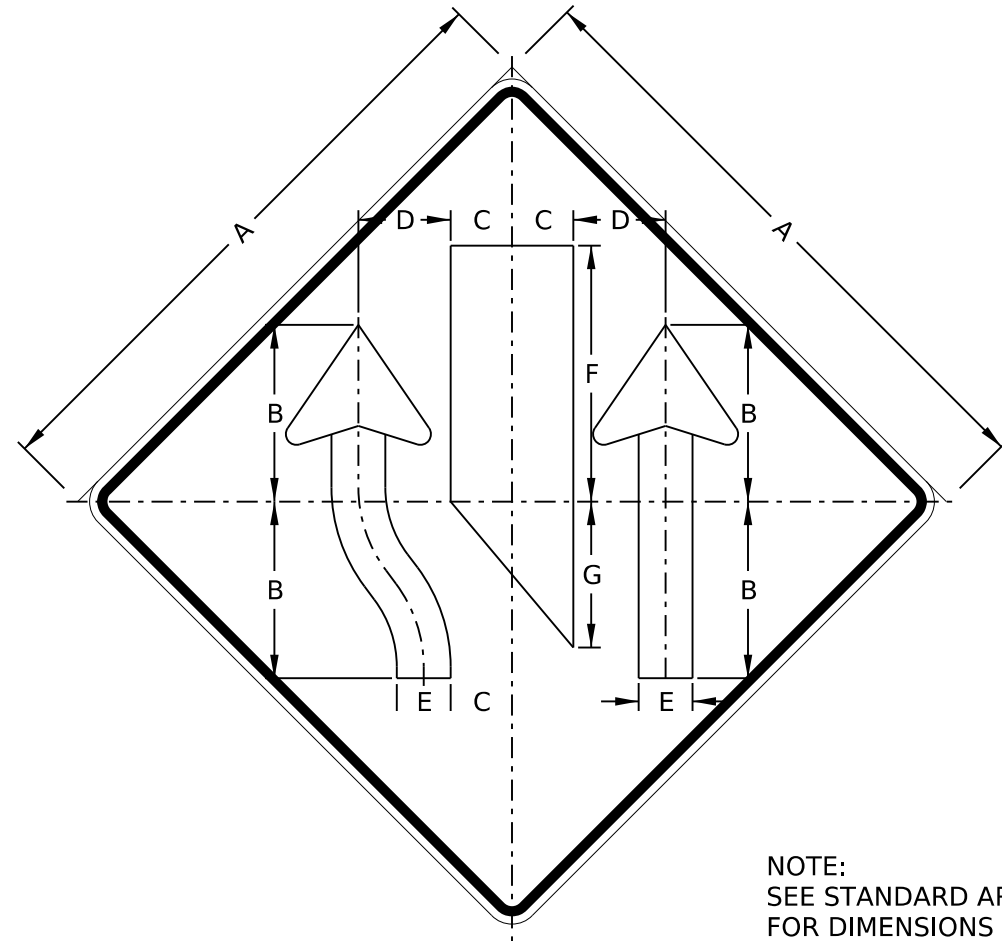
By : John C. Rowe Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations



# W9-3

## CENTER LANE MUST SHIFT LEFT SIGN

The Center Lane Must Shift Left Sign (W9-3) may be used on three-lane, one-way highways with work in the center lane. When used, the sign should be located at the end of the left lane reduction where traffic is restricted to two lanes. They shall be placed along the roadway so they can be viewed by both bicyclists and motorists.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	8.6	3.0	4.5	2.6	12.5	7.1	6.8	0.4	0.6	-----
36" x 36"	10.3	3.6	5.4	3.1	15.0	8.5	8.2	0.5	0.8	-----
48" x 48"	13.8	4.8	7.2	4.2	20.0	11.4	10.8	0.6	0.8	-----

COLOR:

ARROW, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

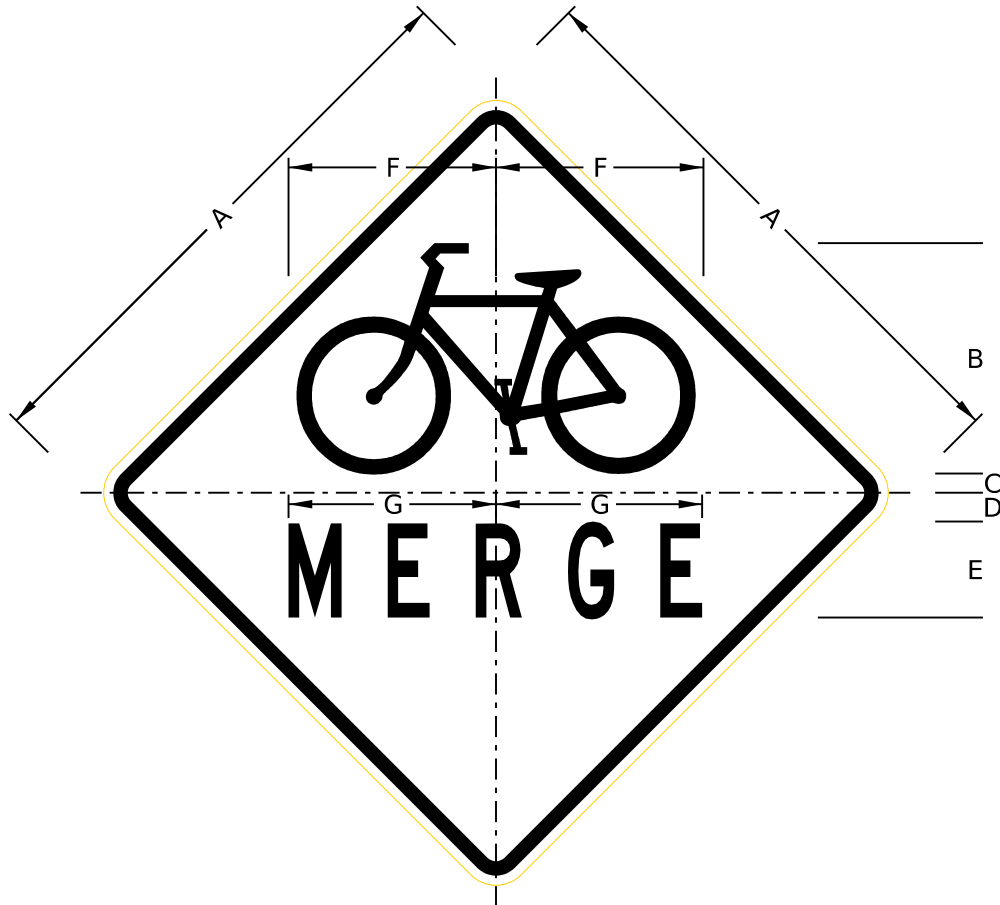
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W9-5A

## BICYCLES MERGING SIGN

The Bicycles Merging Sign (W9-5A) may be used where a bicycle merging maneuver might occur.



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
18" x 18"	7.3	0.4	0.7	3D*	6.3	6.5	0.4	0.6	B3-18
30" x 30"	12.0	1.0	1.5	5D*	10.8	10.8	0.5	0.8	B3-30
36" x 36"	14.0	1.3	1.8	6D*	24.2	12.9	0.6	0.8	B3-36

\* INCREASE SPACING 20%

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

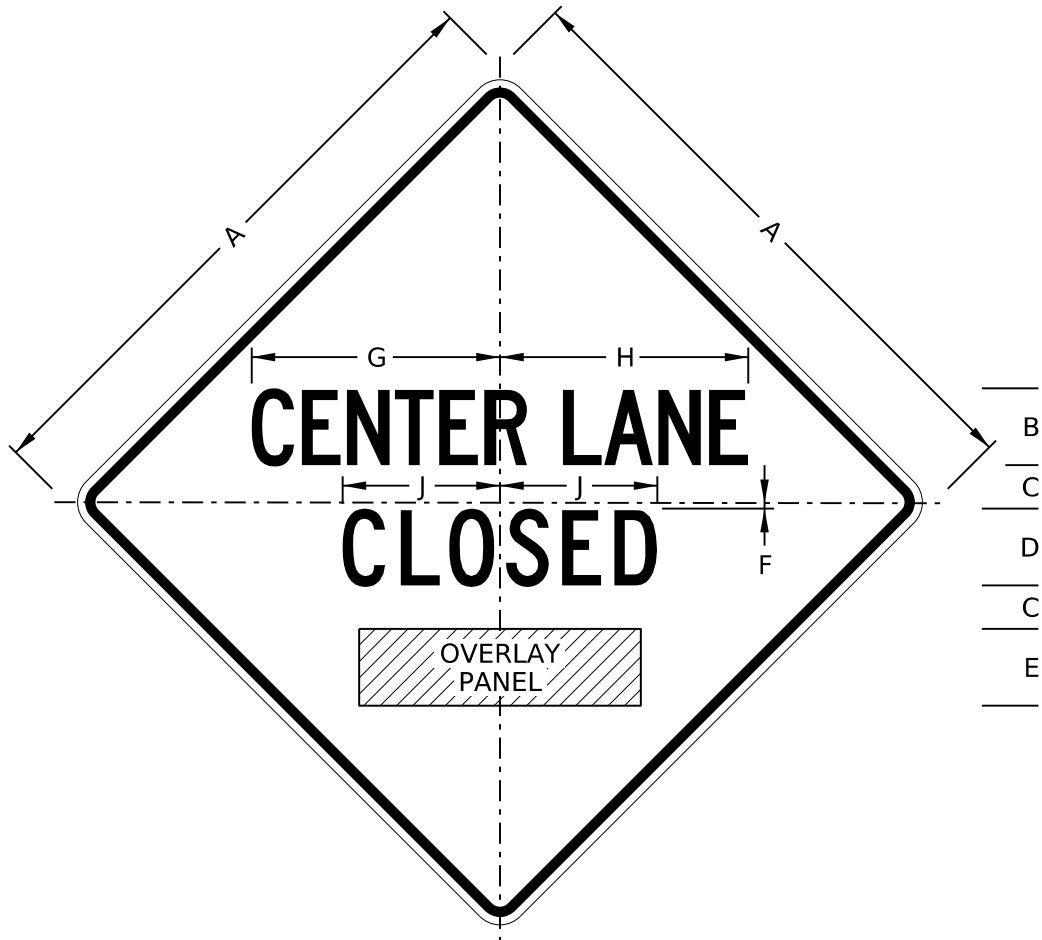
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W9-101

## CENTER LANE CLOSED SIGN

The Center Lane Closed Sign (W9-101) shall be authorized for use in advance of a point where the center lane of a multiple-lane roadway is closed.

Overlay panels may be used to indicate the distance. Details of alternate distances are provided in the W30-1 sign. In lieu of exact distances, the legend "AHEAD" may be used as a final alternative.



DIMENSIONS - IN											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	5C*	2.8	5C	5C	0.4	16.4	16.0	10.3	0.4	0.6	-----
48" x 48"	6C*	3.4	6C	6C	0.5	19.6	19.2	12.3	0.6	0.8	-----

\* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

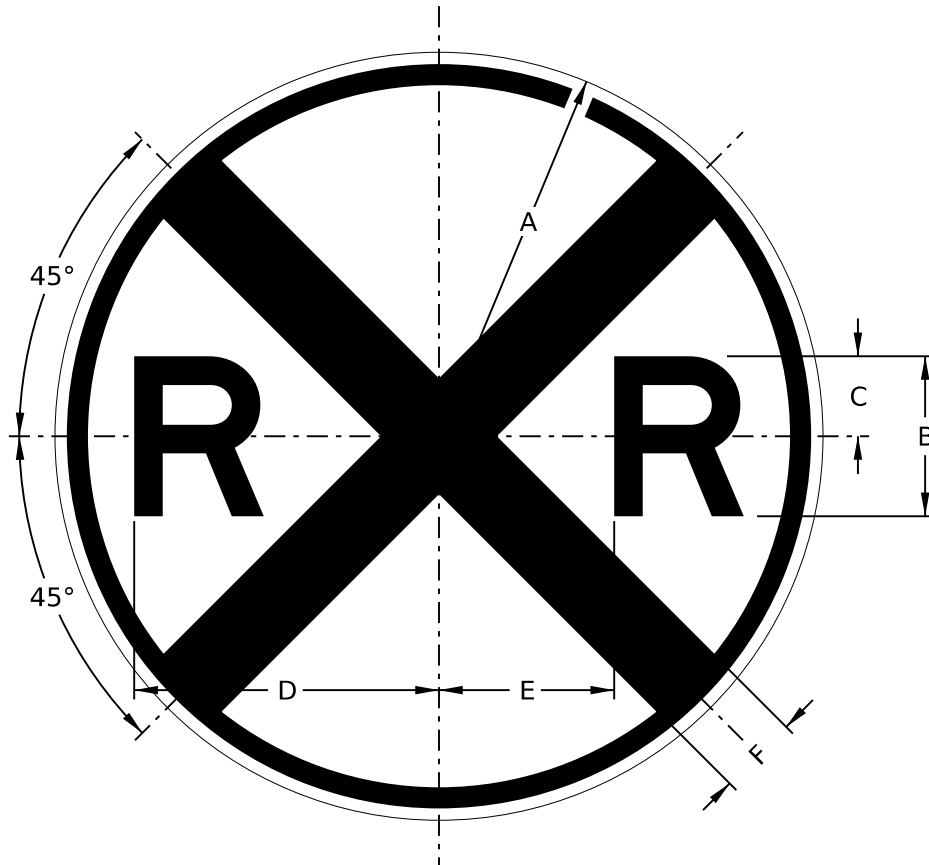
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W10-1

## GRADE CROSSING ADVANCE WARNING SIGN

(a) Justification. The Grade Crossing Advance Warning Sign (W10-1) may be used in advance of railroad crossings where an intersection is not located within 100' in advance of the railroad crossing.

(b) Placement. The W10-1 sign shall be placed not less than 100' in advance of the crossing but may be placed a greater distance because of roadway alignment or prevailing speeds. If a Yield Ahead (W3-2) or Stop Ahead (W3-1) sign is installed on the approach to the crossing, the W10-1 sign shall be installed upstream from the W3-2 or W3-1 sign.



DIMENSIONS - IN									
SIGN SIZE	A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" DIA.	12.0	5E	2.5	9.2	5.8	2.5	0.4	0.6	-----
36" DIA.	18.0	8E	4.0	14.4	8.6	4.0	0.5	0.8	B4-36
48" DIA.	24.0	10E	5.0	18.4	11.6	5.0	0.8	1.2	-----

COLOR:

LEGEND, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

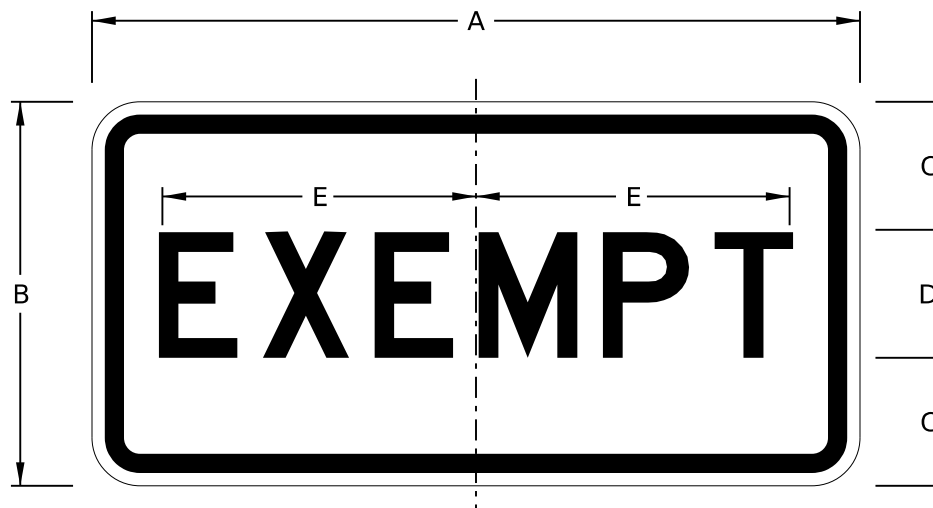
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W10-1AP

## EXEMPT (WARNING) PLAQUE

(a) Justification. The Exempt (Warning) Plaque (W10-1AP) shall be authorized for use at those railroad grade crossings having "exempt" status as determined by the Public Utility Commission and an Exempt (Regulatory) Plaque (R15-3P) mounted beneath the Crossbuck Sign (R15-1).

(b) Placement. When used, the W10-1AP Plaque shall be mounted below the Grade Crossing Advance Warning Sign (W10-1).



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	4.0	4D	9.8	0.4	0.6	B5-2412

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

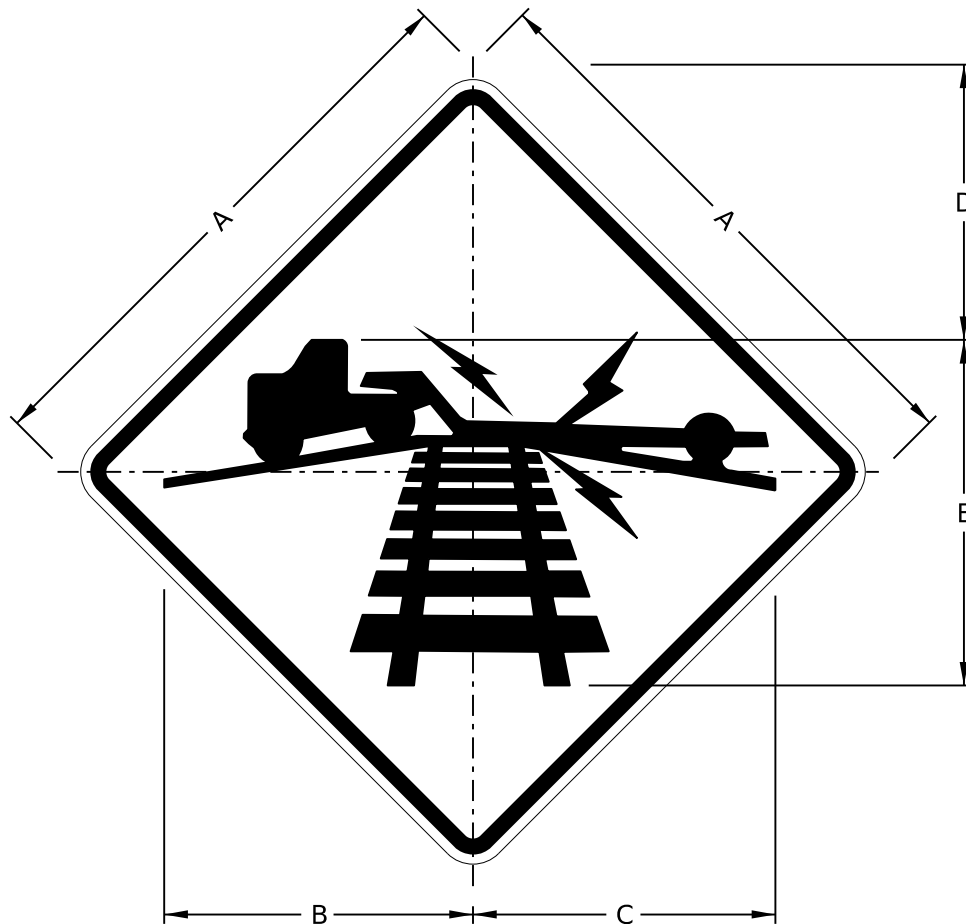
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W10-5

## LOW GROUND CLEARANCE GRADE CROSSING SIGN

The Low Ground Clearance Grade Crossing Sign (W10-5) shall be authorized for use to warn motorists of railroad crossings with conditions that are sufficiently abrupt as to possibly cause a hang-up of long wheelbase vehicles or trailers with low ground clearance. The sign may also be used if gouges exist in the pavement at the crossing.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	19.3	18.9	15.2	21.6	0.6	1.0	B3-36

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

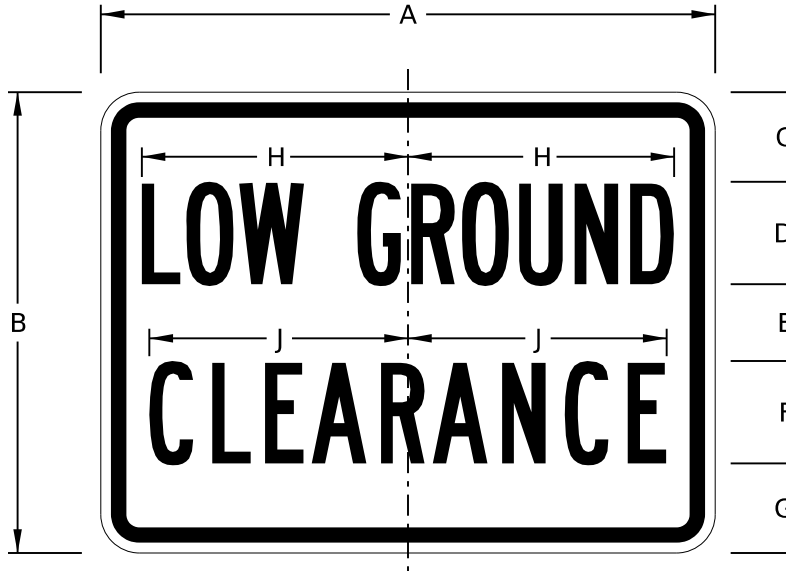
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W10-5P

## LOW GROUND CLEARANCE PLAQUE

The Low Ground Clearance Plaque (W10-5P) may be used as an educational plaque below the Low Ground Clearance Grade Crossing Sign (W10-5).



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
30" x 24"	5.0	5B*	4.0	5B	5.0	13.2	12.7	0.4	0.6	B5-3024

\* REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

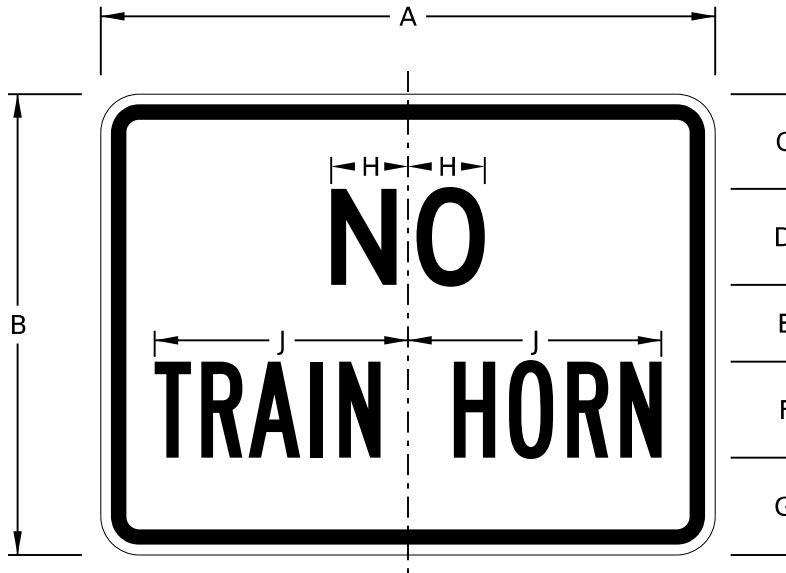
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W10-9P

## NO TRAIN HORN SIGN

The No Train Horn Sign (W10-9P) may be erected in advance of railroad crossing within officially designated "Quiet Zones". The W10-9P Sign Shall be erected below the Grade Crossing Advance Warning sign (W10-1).



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
30" x 24"	5.0	5D	4.0	5B	5.0	4.0	13.2	0.4	0.6	B5-3024

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

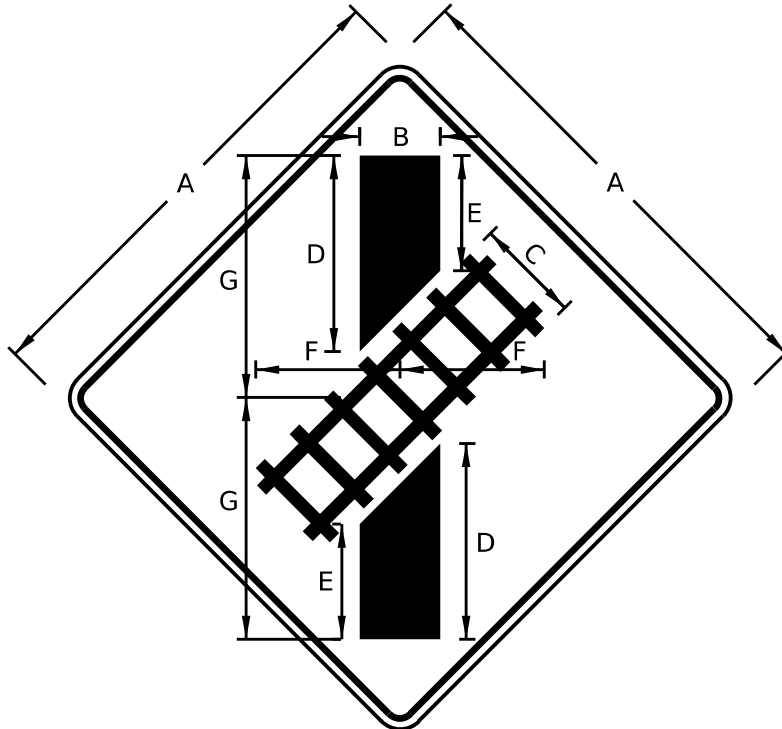
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# W10-12

## SKEWED CROSSING SIGN

The Skewed Crossing Sign (W10-12) may be used at a skewed grade crossing to warn that the tracks are not perpendicular to the highway. The symbol shall show the direction of the crossing (near left to far right or the mirror image if the track goes from far left to near right). If used where the angle of the crossing is significantly different than 45 degrees, the symbol should be adjusted to show the approximate angle of the crossing. The W10-12 shall not be used as a replacement for the Grade Crossing Advanced Warning Sign (W10-1) but shall supplement the W10-1 sign and shall be mounted on a separate post.



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	6.0	7.2	13.6	7.6	9.9	17.3	0.6	1.0	B3-36
48" x 48"	8.0	9.6	18.1	10.1	13.2	23.1	0.8	1.2	B3-48

COLOR:

LEGEND AND BORDER:  
BLACK (REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

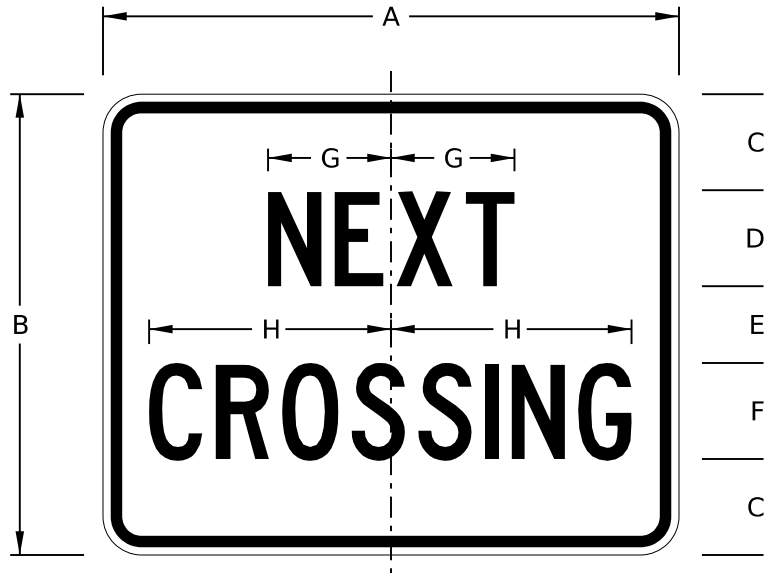
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W10-14P

## NEXT CROSSING PLAQUE

The Next Crossing Plaque (W10-14P) may be mounted below the Low Ground Clearance (W10-5) sign or Skewed Crossing (W10-12) sign to indicate to a road user that the warning is associated with the next grade crossing. This plaque may be used where multiple grade crossings exist in close proximity to one another.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
30" x 24"	5.0	5C	4.0	5C*	6.4	12.6	0.4	0.6	B5-3024

\* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

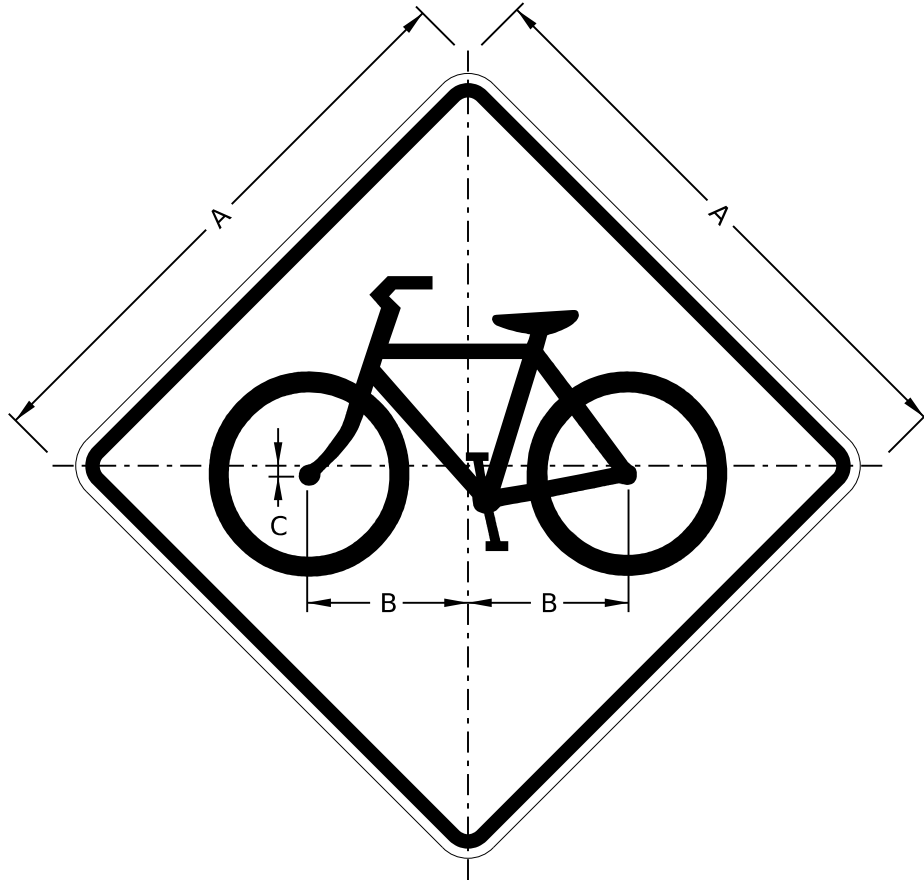
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W11-1

## BICYCLE WARNING SIGN

The Bicycle Warning Sign (W11-1) shall be authorized for use at the location of the crossing or in advance of a point where an officially designated bicycle trail crosses a roadway. When used at the location of the crossing, the W11-1 sign shall be supplemented with a Diagonal Downward Pointing Arrow Plaque (W16-7PL or W16-7PR). When used in advance of the crossing, it may be supplemented with the Ahead Plaque (W16-9P) or the Distance Ahead Plaque (W16-103P).



DIMENSIONS - IN					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
18" x 18"	5.0	0.6	0.4	0.6	B3-18
30" x 30"	8.6	1.0	0.5	0.8	B3-30
36" x 36"	10.0	1.2	0.6	0.9	B3-36

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW OR FLUORESCENT  
YELLOW-GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

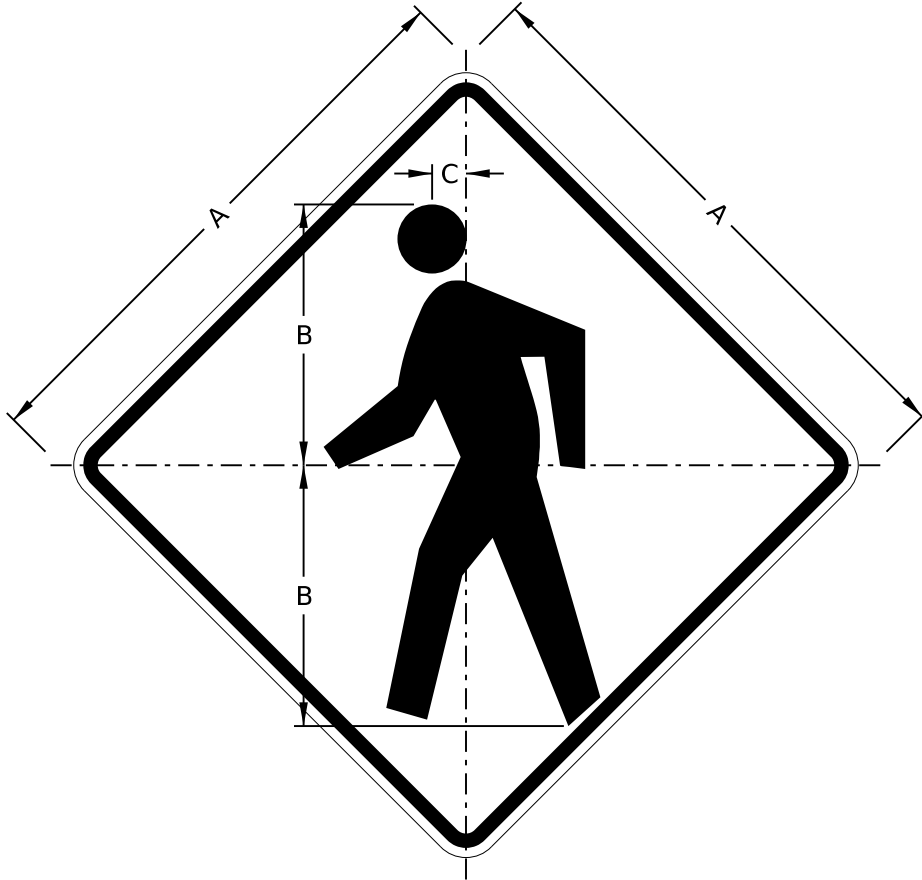
# W11-2

## PEDESTRIAN SIGN

The Pedestrian Sign (W11-2) may be used to warn of the unexpected hazard of pedestrians entering, or sharing the use of, or crossing the roadway. The W11-2 sign may be installed in advance of the crossing, in which case it may be supplemented with the Distance Ahead Plaque (W16-103P) or the Ahead Plaque (W16-9P).

If the sign is used at the crossing, the W11-2 sign shall be supplemented with a Diagonal Downward Pointing Arrow Plaque (W16-7PL or W16-7PR) showing the location of the crossing, which may or may not have crosswalk marking. If a W11-2 sign is post-mounted at the crosswalk location where a Yield Here To Pedestrians sign (R1-5L or R1-5R) is used on the approach, the R1-5L or R1-5R sign shall not be placed on the same post as, or block the road user's view of, the W11-2 sign.

Fluorescent yellow-green background may be used for the W11-2 Sign, in which case all associated plaques shall be the same color.



DIMENSIONS - IN					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
18" x 18"	8.0	0.9	0.4	0.6	B3-18
30" x 30"	13.6	1.5	0.5	0.8	B3-30
36" x 36"	16.3	1.8	0.6	0.8	B3-36

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW OR FLUORESCENT  
YELLOW-GREEN (REFLECTORIZED)

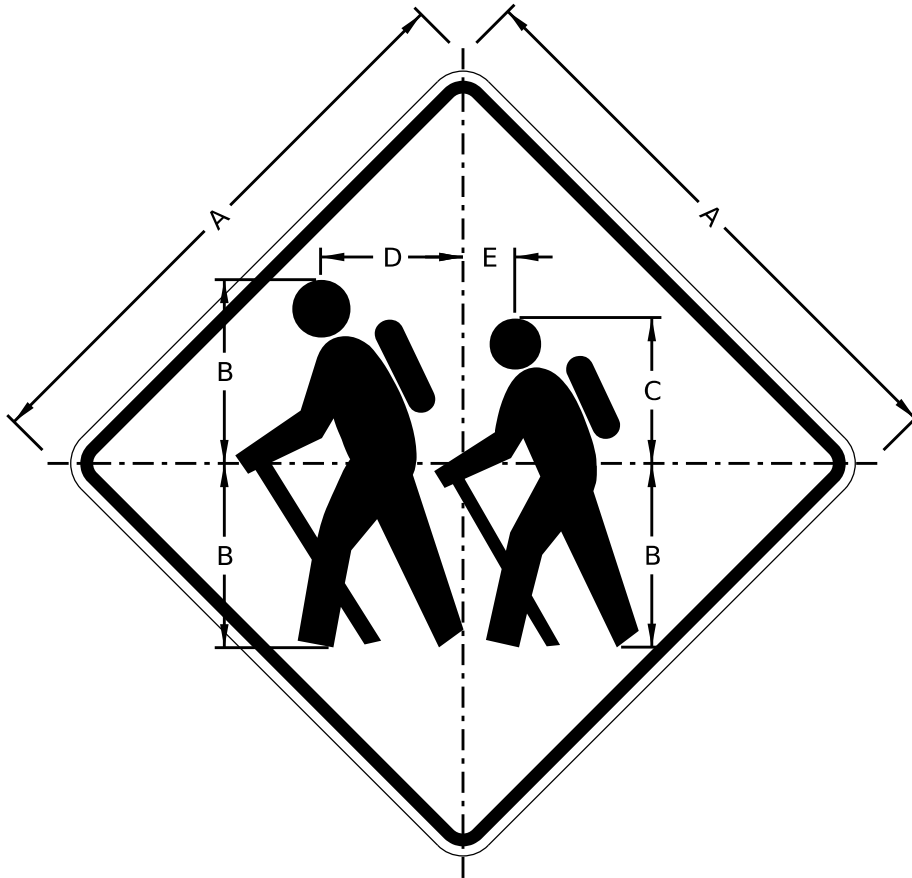
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W11-2B

## HIKER CROSSING SIGN

The Hiker Crossing Sign (W11-2B) is authorized to warn motorists that hikers may be walking along or crossing the roadway. The W11-2B sign is often used in rural areas or where "rails to trails" hiking paths are located. When used at the location of the crossing the W11-2B sign shall be supplemented with a Diagonal Downward Pointing Arrow Plaque (W16-7PL or W16-7PR). When used in advance of the crossing, it may be supplemented with the Ahead Plaque (W16-9P) or the Distance Ahead Plaque (W16-103P).



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	9.6	8.6	6.7	3.5	0.5	0.8	B3-30
36" x 36"	11.5	10.3	8.0	4.2	0.6	0.8	B3-36

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW OR FLUORESCENT  
YELLOW GREEN (REFLECTORIZED)

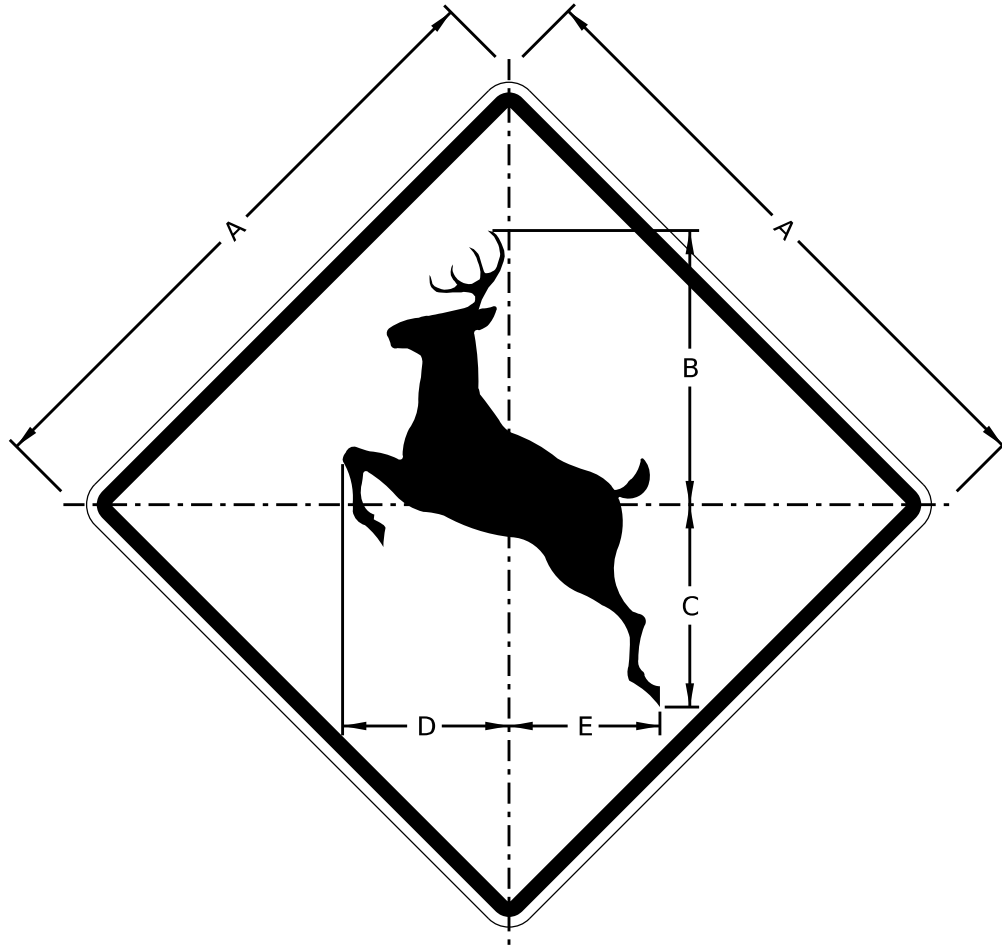
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W11-3

## DEER CROSSING SIGN

The Deer Crossing Sign (W11-3) will be authorized to warn of the unexpected hazard of deer crossing the roadway. The area frequently crossed by deer will be designated by the Game Commission.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	13.5	10.0	8.2	7.5	0.5	0.8	B3-30
36" x 36"	16.3	12.0	9.9	9.0	0.6	0.8	B3-36
48" x 48"	21.2	15.8	13	11.8	0.8	1.2	B3-48

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

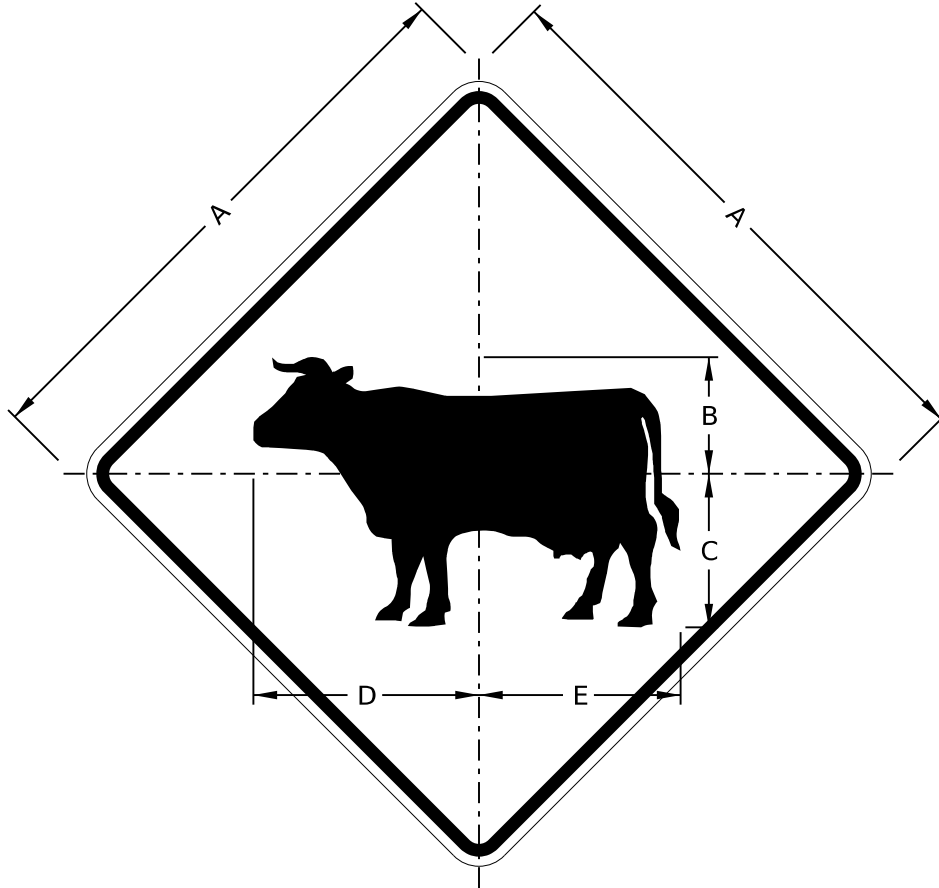
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W11-4

## CATTLE CROSSING SIGN

The Cattle Crossing Sign (W11-4) will be used to warn of locations where cattle regularly cross the roadway. Its use should be kept to a minimum, indicating only those which are hazardous by reason of poor sight distance. The W11-4 sign may be supplemented with the Distance Ahead Plaque (W16-103P).

If the W11-4 sign is used at the crossing, it shall be supplemented with a Diagonal Downward Pointing Arrow Plaque (W16-7PL or W16-7PR).



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	6.0	8.0	11.8	10.5	0.5	0.8	B3-30
36" x 36"	7.0	9.6	14.1	12.6	0.6	0.8	B3-36

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

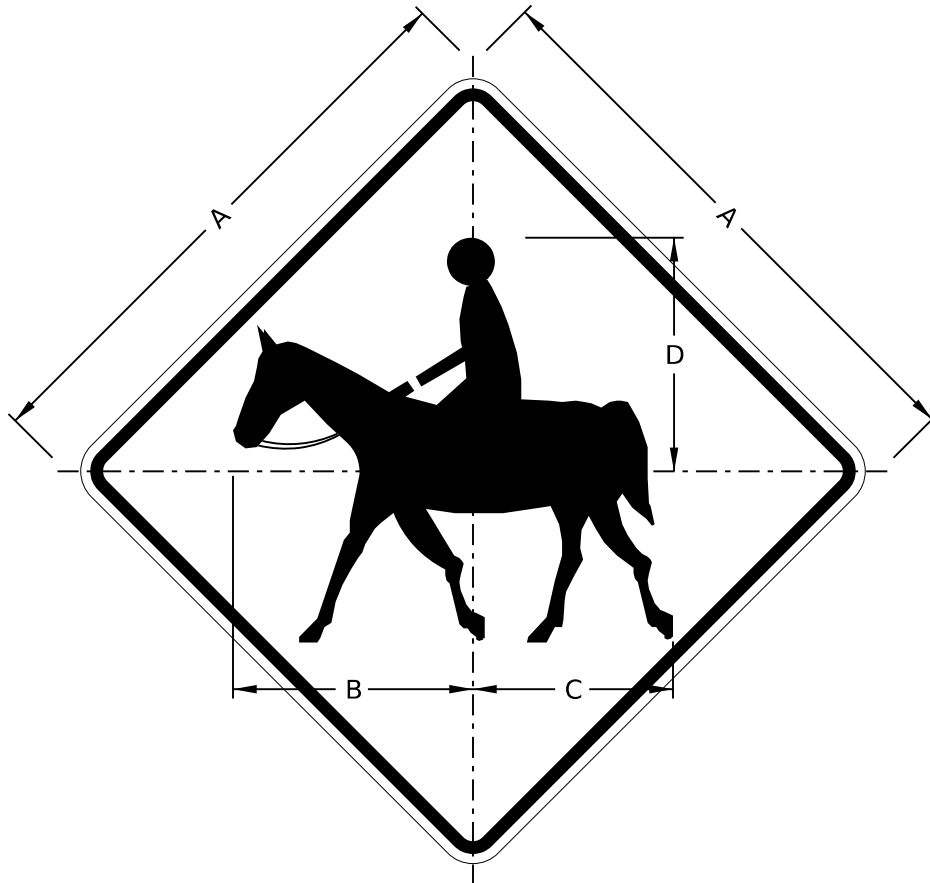
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W11-7

## EQUESTRIAN CROSSING SIGN

The Equestrian Crossing Sign (W11-7) may be used to warn of the unexpected hazard of equestrians crossing the highway. Its use should be kept to a minimum, indicating only those crossings which are definitely hazardous by reason of poor sight distance. The W11-7 sign shall not be used in conjunction with the Bridle Path Sign (W11-104).

If the W11-7 sign is used at the crossing, it shall be supplemented with a Diagonal Downward Pointing Arrow Plaque (W16-7PL or W16-7PR).



DIMENSIONS - IN						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	13.0	10.0	13.0	0.5	0.8	B3-30
36" x 36"	15.5	12.0	15.6	0.6	0.8	B3-36

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

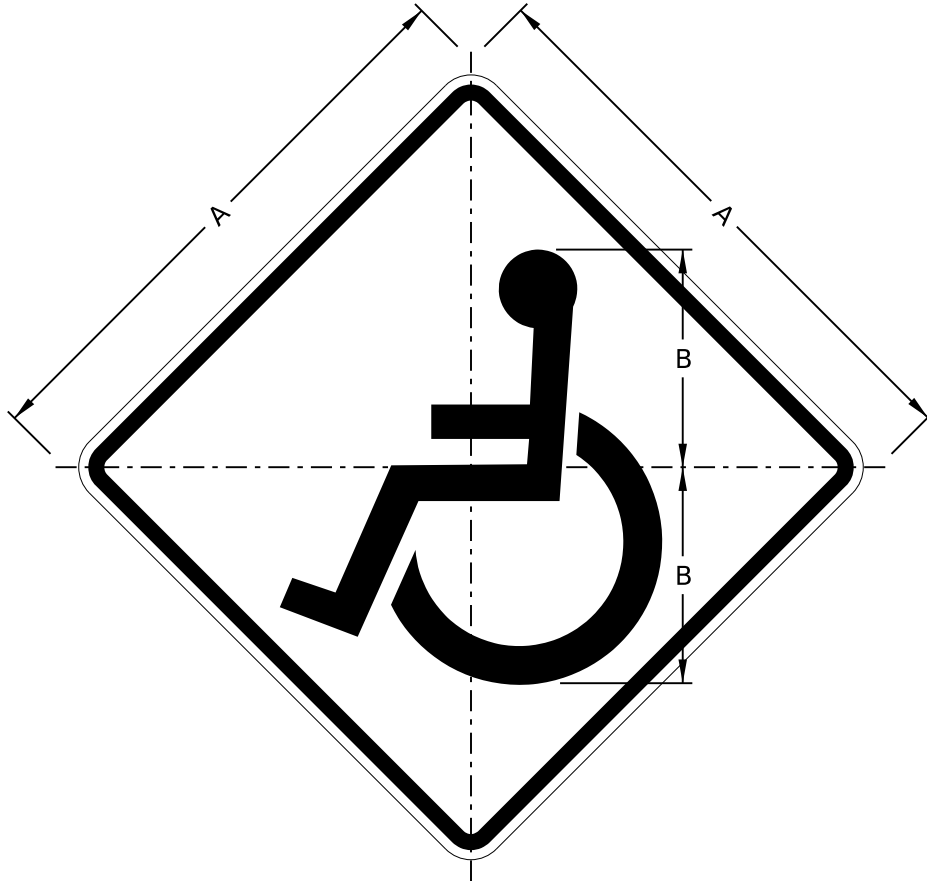


# W11-9

## HANDICAPPED AREA SIGN

(a) Justification. The Handicapped Area Sign (W11-9) will be authorized for use at locations where blind persons, persons in wheelchairs, or other handicapped persons cross or move on or along the street. If the W11-9 sign is used at the crossing, it shall be supplemented with a Diagonal Downward Pointing Arrow Plaque (W16-7PL or W16-7PR).

(b) Placement. If used on an intersection approach on which an intersection sign is also used, the W11-9 sign should be installed to follow the intersection sign. A W11-9 sign and a Pedestrian Sign (W11-2) shall not be used at the same crossing.



DIMENSIONS - IN				
SIGN SIZE A x A	B	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	11.4	0.4	0.8	B3-30
36" x 36"	13.6	0.6	1.0	B3-36

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

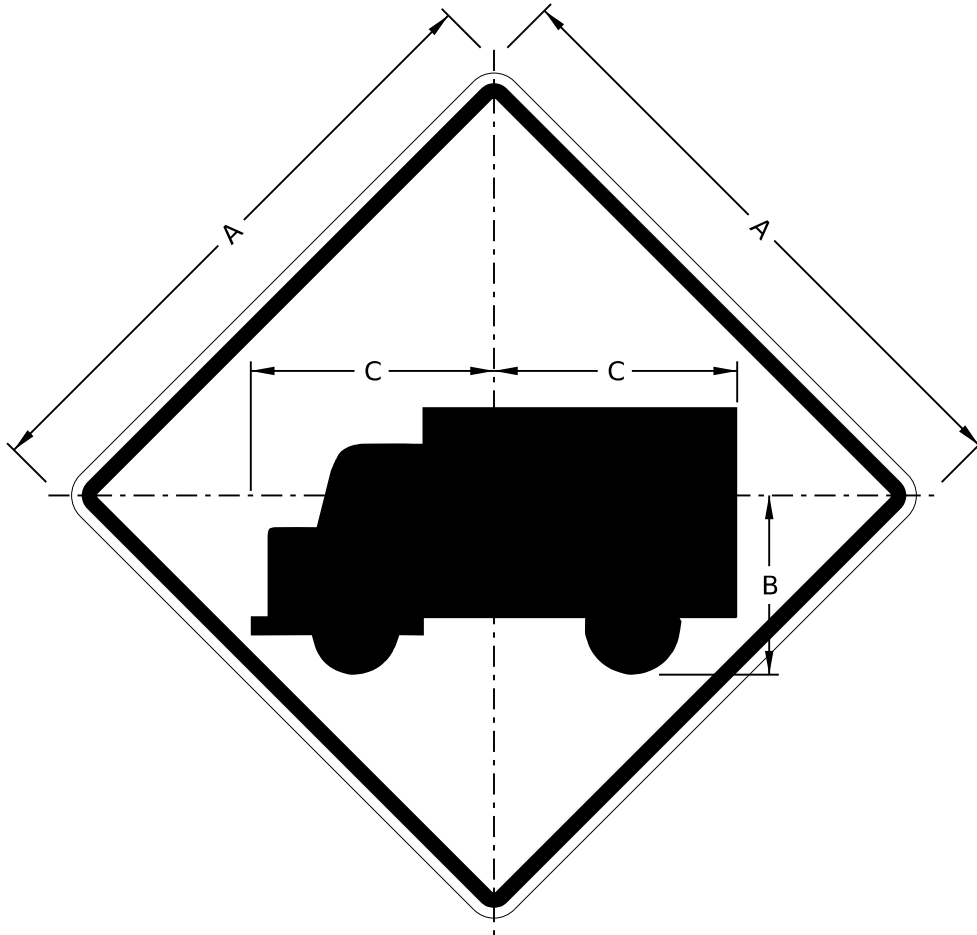
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W11-10

## TRUCK SIGN

The Truck Sign (W11-10) shall be authorized for use to alert road users to locations where unexpected entries into the roadway by trucks might occur. This sign shall be removed when a temporary condition no longer exists.



DIMENSIONS - IN					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	9.0	12.0	0.5	0.8	B3-30
36" x 36"	10.0	14.0	0.6	0.8	B3-36
48" x 48"	14.0	19.0	0.8	1.2	B3-48

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

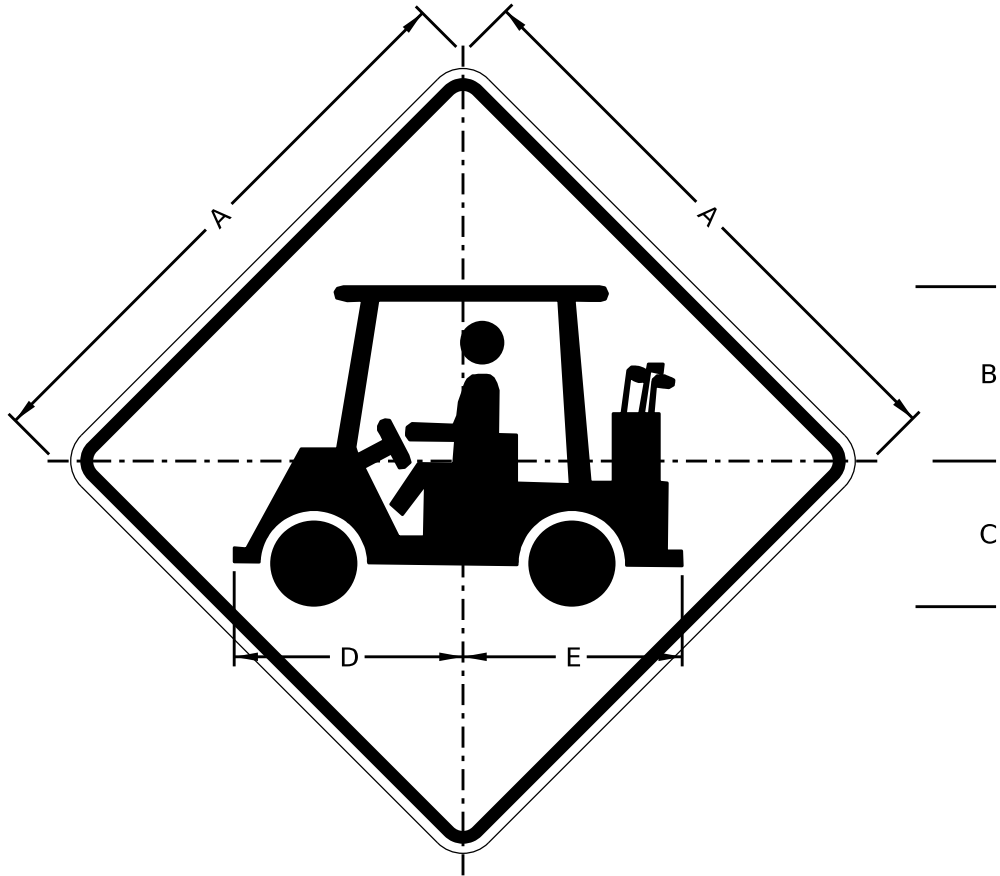
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W11-11

## GOLF CART CROSSING SIGN

The Golf Cart Crossing Sign (W11-11) may be used at locations where golf carts frequently cross the roadway. Its use shall be limited to locations where traffic conditions such as approach speeds, visibility and conflicts are such that special warning is desirable. When used at the location of the crossing the W11-11 sign shall be supplemented with a Diagonal Downward Pointing Arrow Plaque (W16-7PL or W16-7PR) When used in advance of the crossing, it may be supplemented with the Ahead Plaque (W16-9P) or the Distance Ahead Plaque (W16-103P).



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	9.1	7.6	11.9	11.4	0.5	0.8	B3-30
36" x 36"	10.9	9.1	14.3	13.7	0.6	0.8	B3-36

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

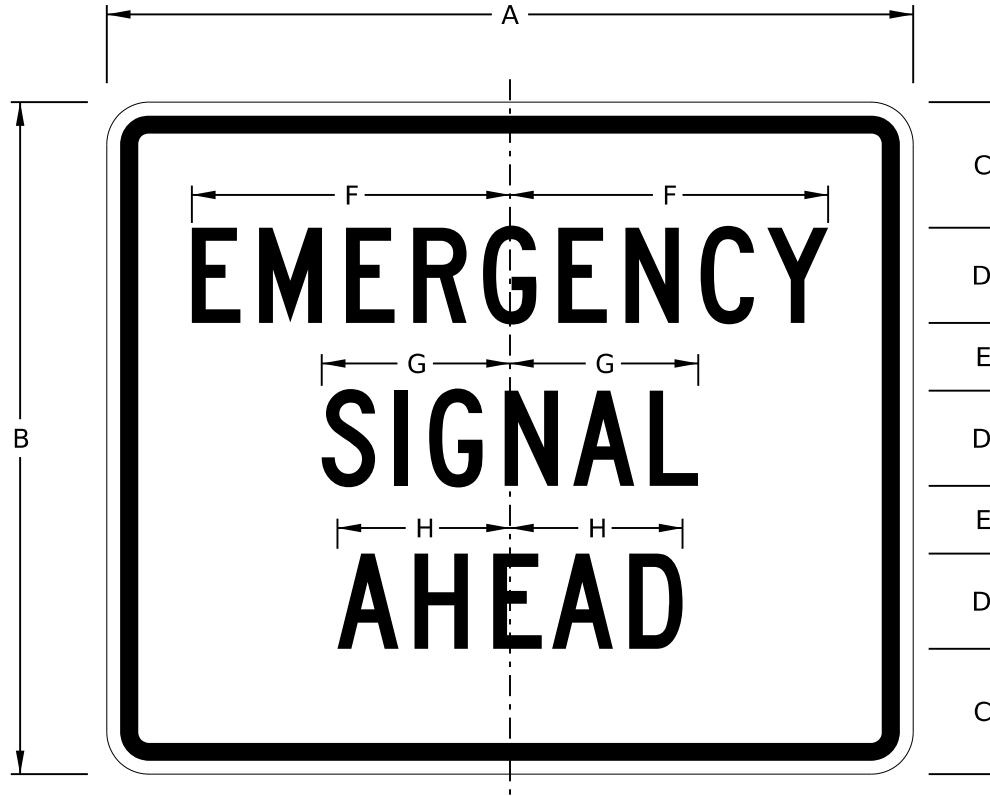
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W11-12P

## EMERGENCY SIGNAL AHEAD PLAQUE

The Emergency Signal Ahead Plaque (W11-12P) shall be used with the Fire Station Sign (W11-8) in advance of all emergency-vehicle traffic control signals.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
36" x 30"	5.6	4.25C	3.0	14.2	8.4	7.7	0.6	0.8	B5-3630

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

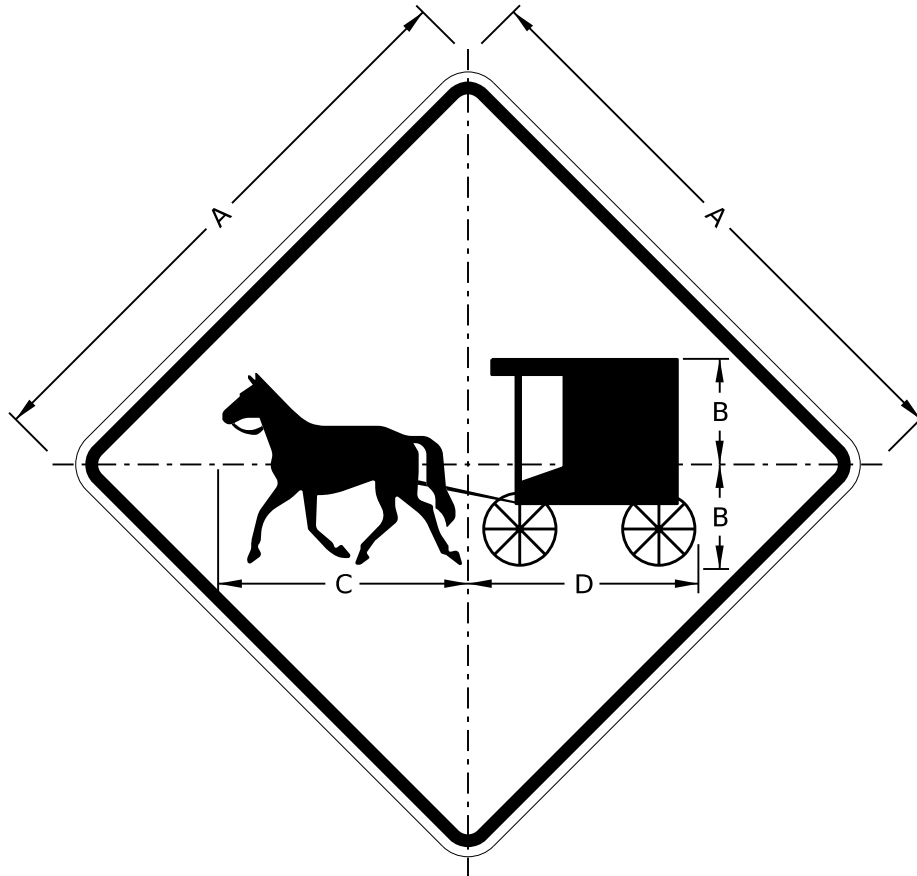
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W11-14

## HORSEDRAWN VEHICLE SIGN

The Horsedrawn Vehicle Sign (W11-14) shall be authorized for use to warn of the unexpected hazard of horsedrawn vehicles regularly crossing or using the roadway.



DIMENSIONS - IN						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	5.5	13.0	12.0	0.5	0.8	B3-30
36" x 36"	6.6	15.6	14.4	0.6	0.8	B3-36

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

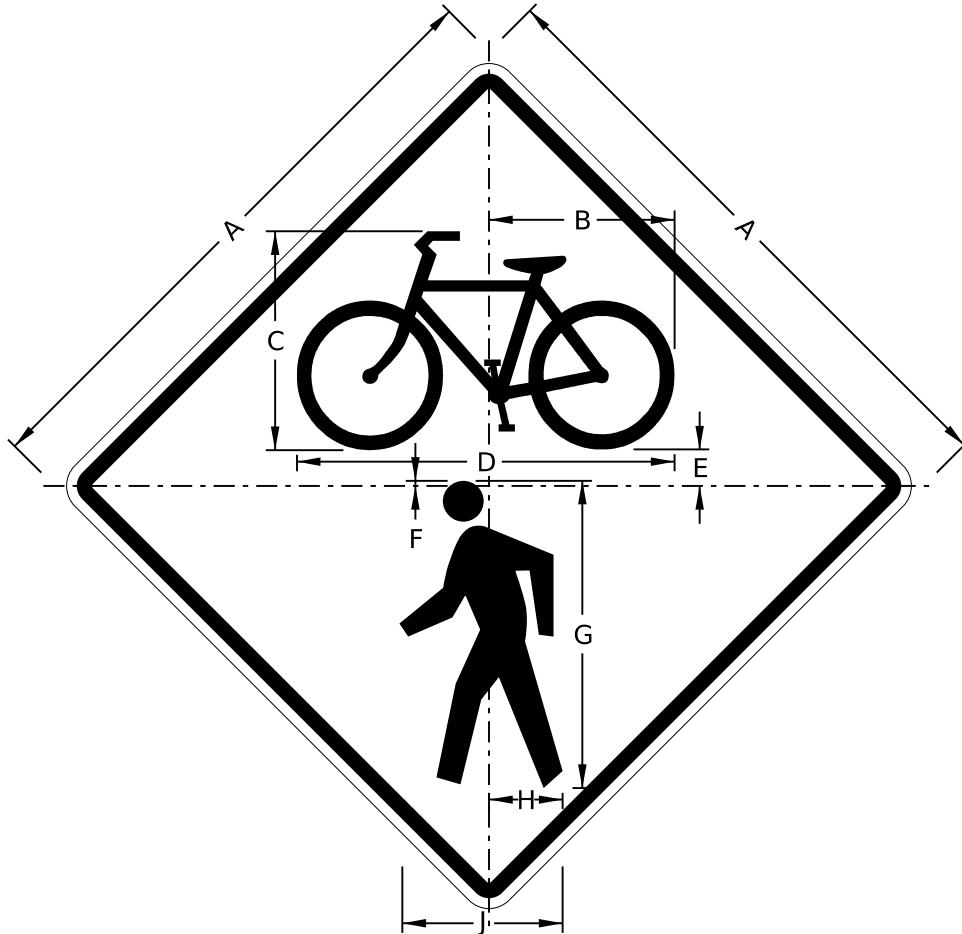
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W11-15

## TRAIL CROSSING SIGN

The Trail Crossing (W11-15) sign may be used where both bicyclists and pedestrians might be crossing the roadway, such as at an intersection with a shared-use path. A Trail Crossing (W11-15P) supplemental plaque may be mounted below the W11-15 sign. If used in advance of a pedestrian and bicycle crossing, a W11-15 sign should be supplemented with an Ahead Plaque (W16-9P) or the Distance Ahead Plaque (W16-103P) to inform road users that they are approaching a point where crossing activity might occur. If a post-mounted W11-15 sign is placed at the location of the crossing point a Diagonal Downward Pointing Arrow Plaque (W16-7PL or W16-7PR) shall be mounted below the sign. If the W11-15 sign is mounted overhead, the W16-7PL or W16-7PR supplemental plaque shall not be used.



DIMENSIONS - IN												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.	
18" x 18"	5.5	6.4	11.0	1.0	0.1	9.0	2.3	4.8	0.4	0.6	B3-18	
24" x 24"	7.4	8.6	14.8	1.4	0.1	12.0	3.0	6.4	0.4	0.6	B3-24	
30" x 30"	9.3	10.8	18.5	1.8	0.3	15.0	3.8	8.0	0.5	0.8	B3-30	
36" x 36"	11.1	12.9	22.3	2.1	0.4	18.0	4.5	9.6	0.6	0.8	B3-36	
48" x 48"	14.8	17.1	29.5	2.8	0.4	24.0	6.0	12.8	0.8	1.2	B3-48	

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW OR FLUORESCENT  
YELLOW-GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W11-15P

## TRAIL CROSSING PLAQUE

The Trail Crossing Plaque (W11-15P) may be mounted below a Trail Crossing (W11-15) sign as an educational plaque.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
18" x 12"	2.5	2.5D	2.0	4.4	4.5	0.4	0.4	B5-1218
24" x 18"	3.5	4D	3.0	7.1	7.1	0.4	0.6	B5-2418
30" x 24"	5.0	5D	4.0	8.9	8.8	0.4	0.6	B5-3024
36" x 30"	6.5	6D	5.0	10.7	10.6	0.5	0.75	B5-3630

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW OR FLUORESCENT  
YELLOW-GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

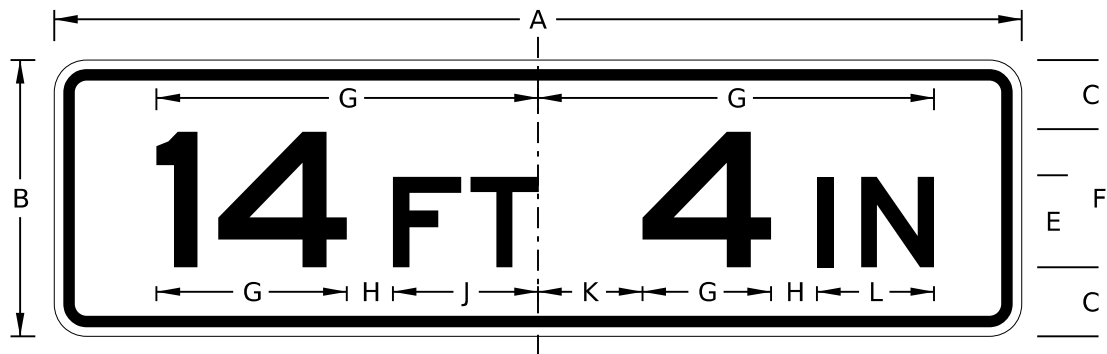
# W12-2A

## LOW CLEARANCE (OVERHEAD) SIGN

The Low Clearance (Overhead) Sign (W12-2A) may be used on bridges, underpasses and other overhead structures where vertical clearance is less than 14'-6". The clearance shown on the W12-2A sign should be the same as shown on the Low Clearance Sign (W12-2).

The W12-2A sign may be installed on the structure to supplement the W12-2 advance warning sign. In cases where physical conditions on a structure limit the width such that the W12-2A signs are physically unable to fit, a W12-2 sign may be installed overhead on the structure or post-mounted in front of the structure in addition to the required W12-2 sign at the advance location.

In the case of an arch, or other structure under which the clearance varies greatly, two or more Low Clearance W12-2A signs should be installed on the structure itself to give information as to the clearances over the low clearance portions of the roadway.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
84" x 24"	6.0	4.0	8E	12E	VAR	4.0	12.6	9.0	10.0	0.8	1.0	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

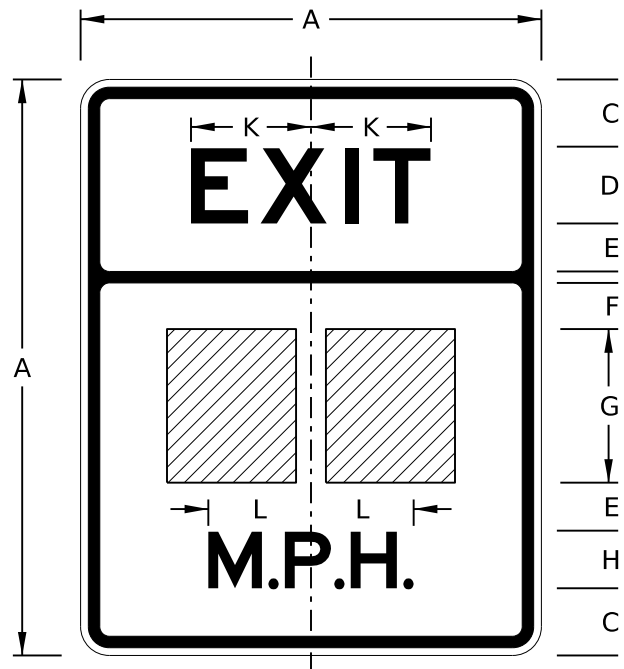


# W13-2

## ADVISORY EXIT SPEED SIGN

(a) Justification. The Advisory Exit Speed Sign (W13-2) shall be authorized for use where it is necessary to indicate a lower speed on an exit ramp. The W13-2 sign shall be used in accordance with MUTCD Chapter 2C Warning Signs.

(b) Placement. The W13-2 sign shall be placed on the right side of the ramp at a point which allows the motorist adequate time to adjust his speed. It is normally located just in advance of the gore or if this location does not allow adequate viewing distance for any reason, an additional sign may be placed on the left gore.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
24" x 36"	3.5	4E	2.5	2.4	8E**	3E*	0.6	6.1	5.3	0.4	0.6	B5-2436
36" x 48"	6.0	6E	4.0	5.2	12E**	4E*	0.8	9.3	7.1	0.6	0.8	B5-3648
48" x 60"	7.0	8E	5.0	4.8	16E**	6E*	1.2	12.5	10.7	0.8	1.2	B5-6048

\* INCREASE SPACING 100%

\*\* OPTICALLY SPACE NUMERALS ABOUT VERTICAL C

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

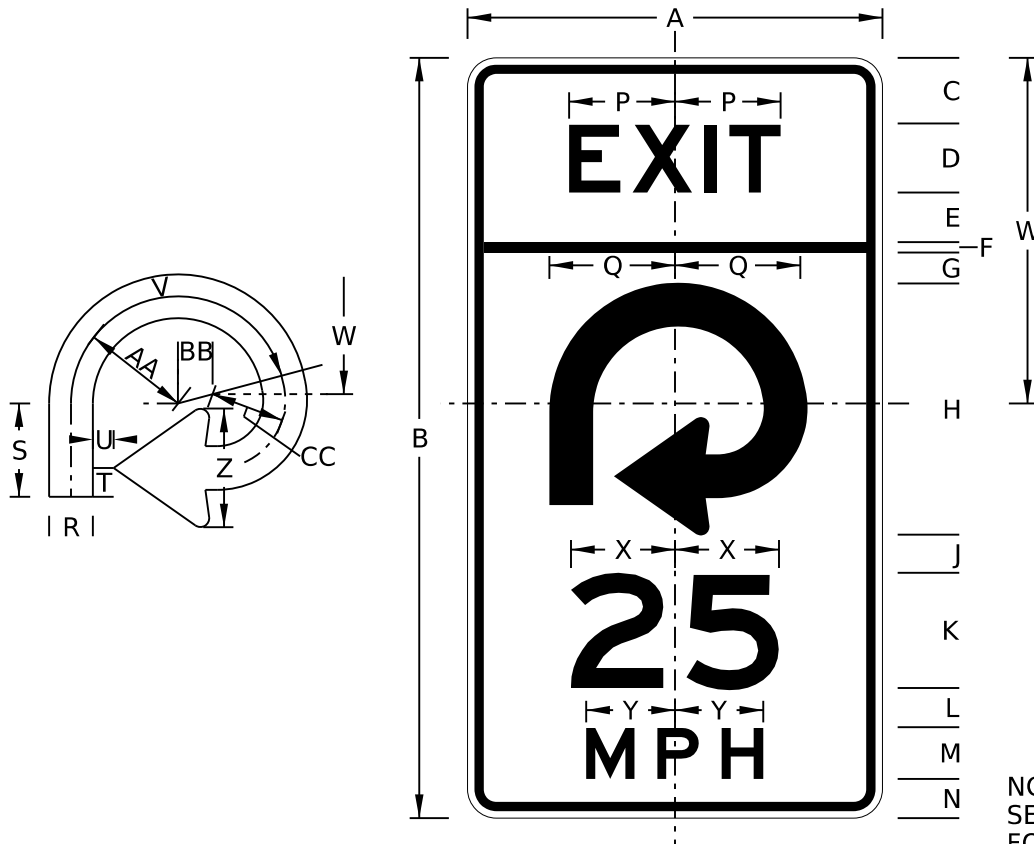
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W13-6

## COMBINATION HORIZONTAL ALIGNMENT/ADVISORY EXIT SPEED - 270-DEGREE LOOP SIGN

The Combination Horizontal Alignment/Advisory Exit Speed - 270-Degree Loop Sign (W13-6) may be used where the severity of the exit curvature might not be apparent to road users in the deceleration lane or where the curvature needs to be specifically identified as being on the exit rather than the mainline.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
36" x 66"	5.7	6E	4.3	0.9	2.7	21.8	3.3	10E	3.4	4.5E*	3.4	9.2	10.9	3.8

DIMENSIONS - IN														
SIGN SIZE A x B	S	T	U	V	W	X	Y	Z	AA	BB	CC	MAR- GIN	BOR- DER	BLANK STD.
36" x 66"	8.1	2.5	1.8	165°	30.0	VAR	7.7	10.3	9.3	3.0	6.3	0.6	0.8	-----

\* INCREASE SPACING 100%

COLOR:

LEGEND, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

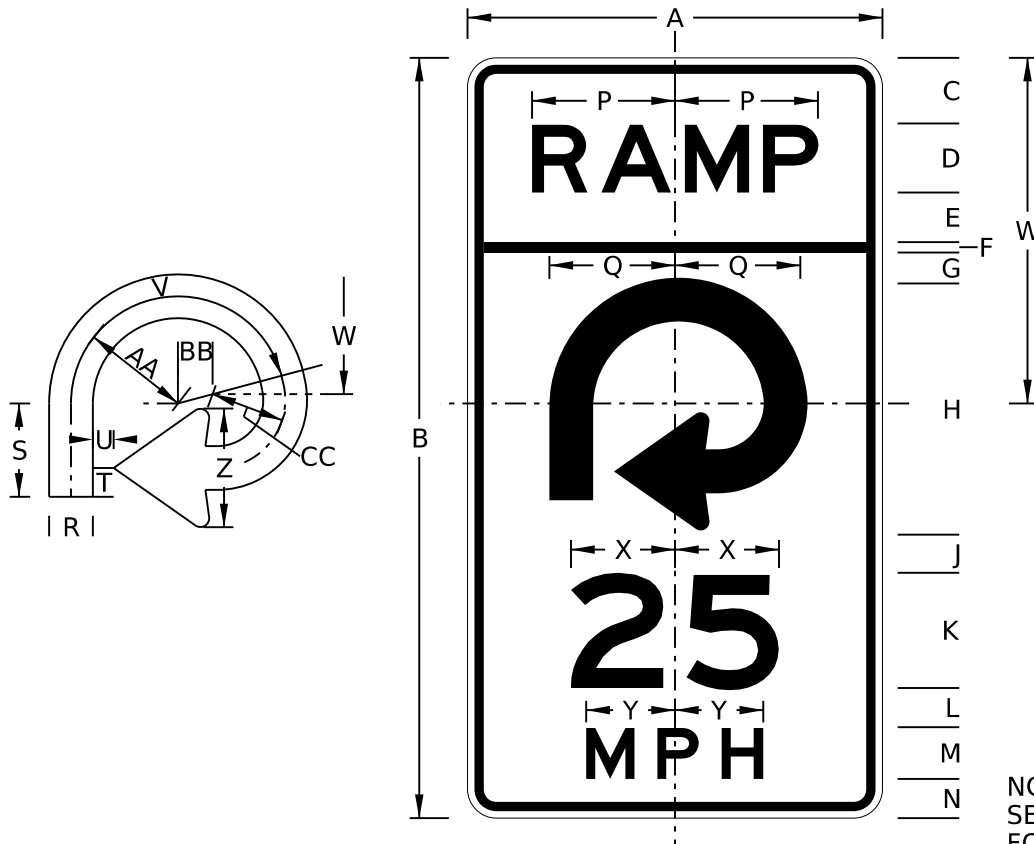
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W13-7

## COMBINATION HORIZONTAL ALIGNMENT/ADVISORY RAMP SPEED - 270-DEGREE LOOP SIGN

The Combination Horizontal Alignment/Advisory Ramp Speed - 270-Degree Loop Sign (W13-7) may be used where the severity of the ramp curvature might not be apparent to road users in the deceleration lane or where the curvature needs to be specifically identified as being on the ramp rather than the mainline.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
36" x 66"	5.7	6E	4.3	0.9	2.7	21.8	3.3	10E	3.4	4.5E*	3.4	12.4	10.9	3.8

DIMENSIONS - IN														
SIGN SIZE A x B	S	T	U	V	W	X	Y	Z	AA	BB	CC	MAR- GIN	BOR- DER	BLANK STD.
36" x 66"	8.1	2.5	1.8	165°	30.0	VAR	7.7	10.3	9.3	3.0	6.3	0.6	0.8	-----

\* INCREASE SPACING 100%

COLOR:

LEGEND, SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

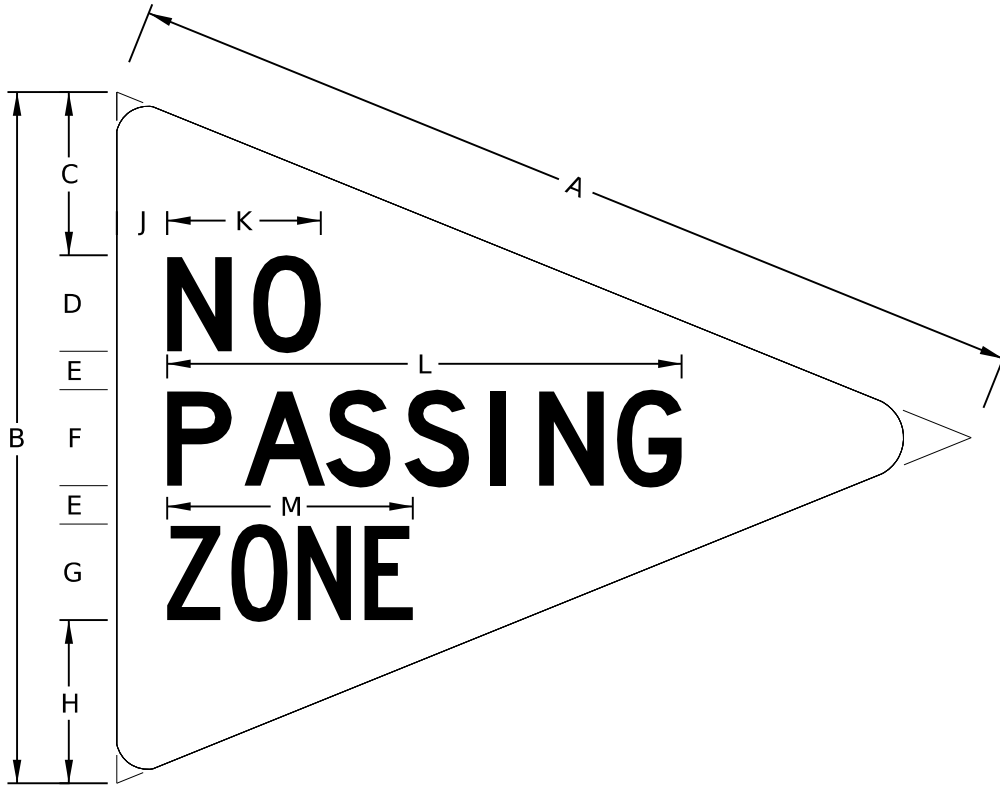
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W14-3

## NO PASSING ZONE SIGN

The No Passing Sign (W14-3) shall be used to warn of and identify the beginning of a no-passing zone on two-lane roadways. It shall be erected on the left side of the roadway at the beginning of the no-passing zone.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
48" x 36"	8.5	5D	2.0	5D*	5C**	8.5	3.0	8.0	26.8	12.8	0.6	0.8	B2-4836

\* REDUCE SPACING 20%

\*\* REDUCE SPACING 35%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
FLUORESCENT YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

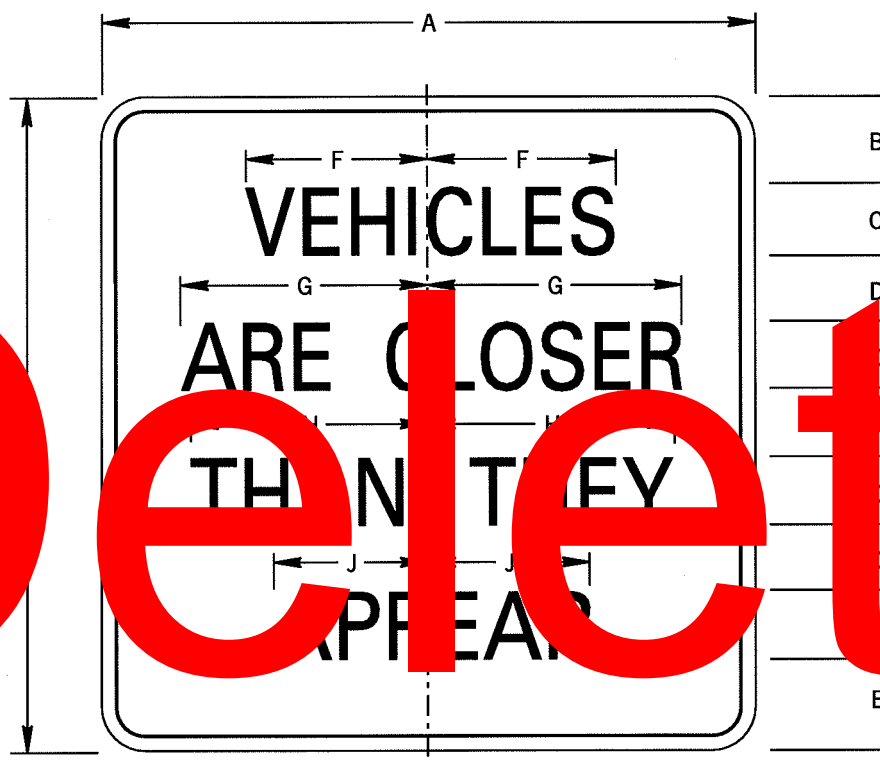
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W14-11

## VEHICLES ARE CLOSER THAN THEY APPEAR SIGN

(a) Justification. The Vehicles Are Closer Than They Appear Sign (W14-11) shall be used in conjunction with a convex mirror, in order to warn motorists that true distances are not depicted in the mirror.

(b) Placement. The W14-11 sign shall be positioned beneath the convex mirror by the party responsible for installing the mirror.



DIMENSIONS – IN											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
18" x 18"	2.3	2C	1.8	2.3	5.3	7.3	6.6	4.3	0.4	0.4	B3–18

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

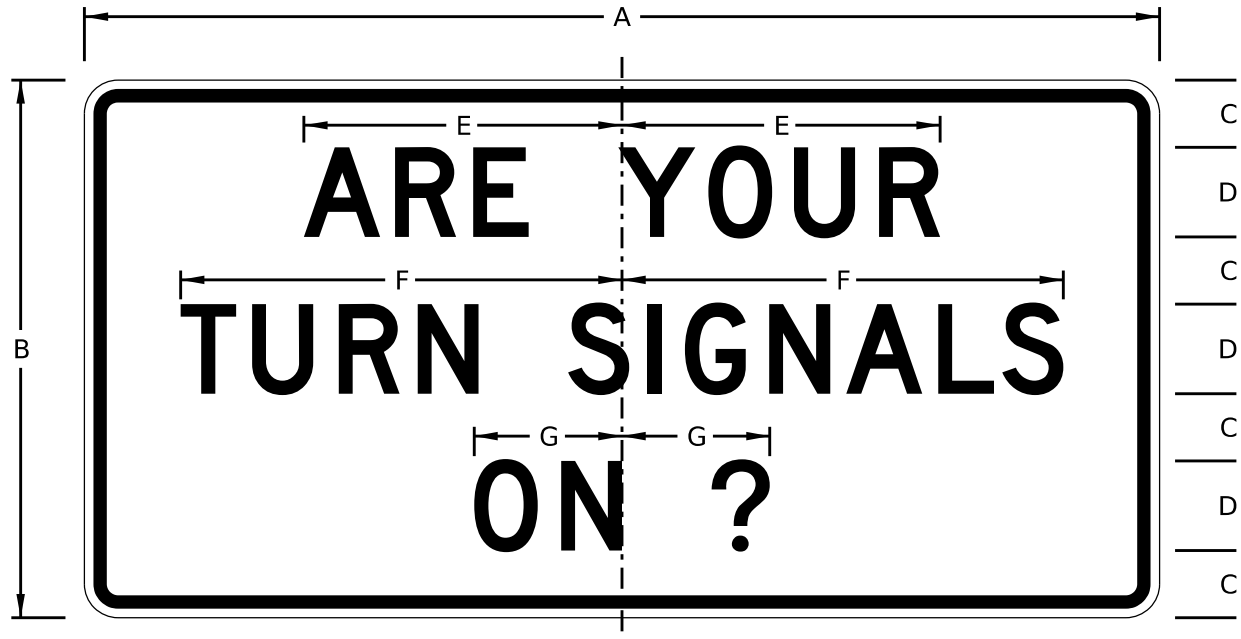
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Sh C Rowe Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

# W14-22

## ARE YOUR TURN SIGNALS ON?

The Are Your Turn Signals On ? Sign (W14-22) may be used at locations after an intersection where turn signals frequently do not cancel themselves.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
48" x 24"	3.0	4D	14.2	19.7	6.6	0.4	0.6	B5-4824

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

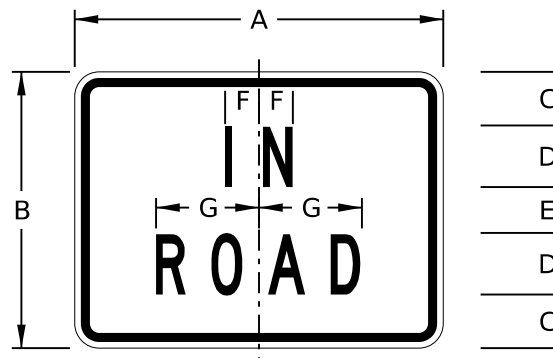
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W16-1P

## IN ROAD PLAQUE

The In Road Plaque (W16-1P) may be installed to warn drivers to watch for other slower forms of transportation traveling along the highway, such as bicycles, pedestrians, golf carts, horse-drawn vehicles, or farm machinery. The background color of the W16-1P plaque shall match the background color of the warning sign with which it is displayed. The W16-1P shall be mounted below the applicable warning sign and shall not be mounted alone.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
18" x 12"	2.0	3D	2.0	1.6	5.0	0.4	0.4	B5-1218
24" x 18"	3.5	4D	3.0	2.2	6.7	0.4	0.6	B5-2418

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

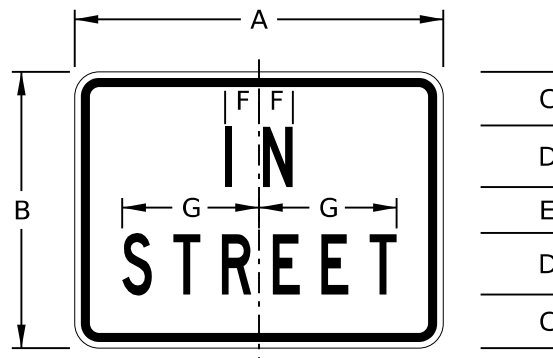
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W16-1AP

## IN STREET PLAQUE

The In Street Plaque (W16-1AP) may be installed to warn drivers to watch for other slower forms of transportation traveling along the highway, such as bicycles, pedestrians, golf carts, horse-drawn vehicles, or farm machinery. The background color of the W16-1AP plaque shall match the background color of the warning sign with which it is displayed. The W16-1AP shall be mounted below the applicable warning sign and shall not be mounted alone.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
18" x 12"	2.0	3D	2.0	1.6	6.7	0.4	0.4	B5-1218
24" x 18"	3.5	4D	3.0	2.2	8.9	0.4	0.6	B5-2418

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

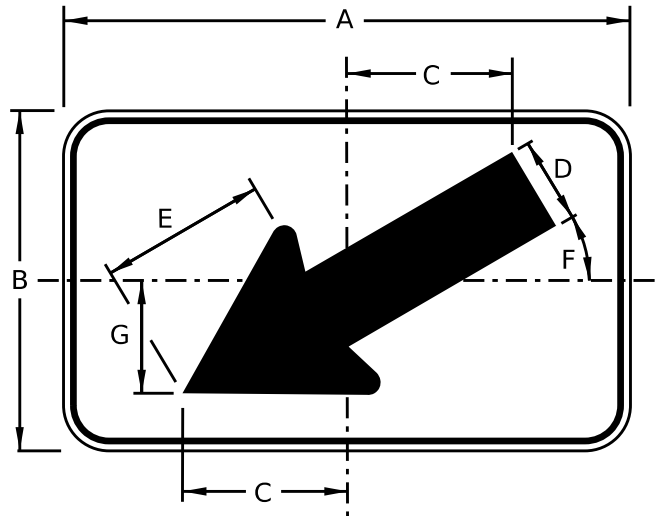


# W16-7PL

## DIAGONAL DOWNWARD LEFT POINTING ARROW PLAQUE

The Diagonal Downward Left Pointing Arrow Plaque (W16-7PL) may be used below the Pedestrian Sign (W11-2), the School Sign (S1-1) and other crossing signs when the crossing sign is installed at the crossing location.

The W16-7PL sign shall be used below the W11-1, W11-2B, W11-11, and W11-15 signs. The W16-7PL sign may be used below any standard warning or regulatory sign. When used with a warning sign, the W16-7PL sign shall have the same legend, border and background color as the warning sign with which it is displayed. When used with a regulatory sign, the W16-7PL sign shall have a black legend and border on a white background.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	5.8	3.0	5.9	30°	3.9	0.4	0.6	B5-2412
30" x 18"	8.7	4.5	8.8	30°	5.9	0.6	0.8	B5-3018

COLOR:

ARROW AND BORDER:  
BLACK (NON REFLECTORIZED)

BACKGROUND:  
YELLOW OR FLUORESCENT  
YELLOW-GREEN (REFLECTORIZED)  
OR WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

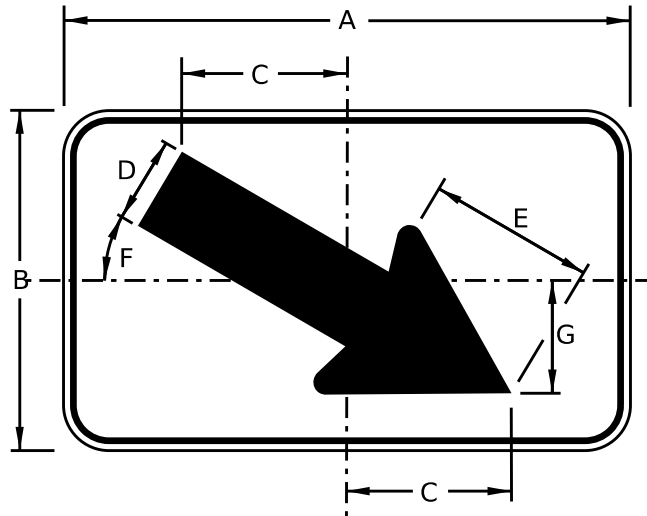
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W16-7PR

## DIAGONAL DOWNWARD RIGHT POINTING ARROW PLAQUE

The Diagonal Downward Right Pointing Arrow Plaque (W16-7PR) may be used below the Pedestrian Sign (W11-2), the School Sign (S1-1) and other crossing signs when the crossing sign is installed at the crossing location.

The W16-7PR sign shall be used below the W11-1, W11-2B, W11-11, and W11-15 signs. The W16-7PR sign may be used below any standard warning or regulatory sign. When used with a warning sign, the W16-7PR sign shall have the same legend, border and background color as the warning sign with which it is displayed. When used with a regulatory sign, the W16-7PR sign shall have a black legend and border on a white background.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	5.8	3.0	5.9	30°	3.9	0.4	0.6	B5-2412
30" x 18"	8.7	4.5	8.8	30°	5.9	0.6	0.8	B5-3018

COLOR:

ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW OR FLUORESCENT  
YELLOW-GREEN (REFLECTORIZED)  
OR WHITE (REFLECTORIZED)

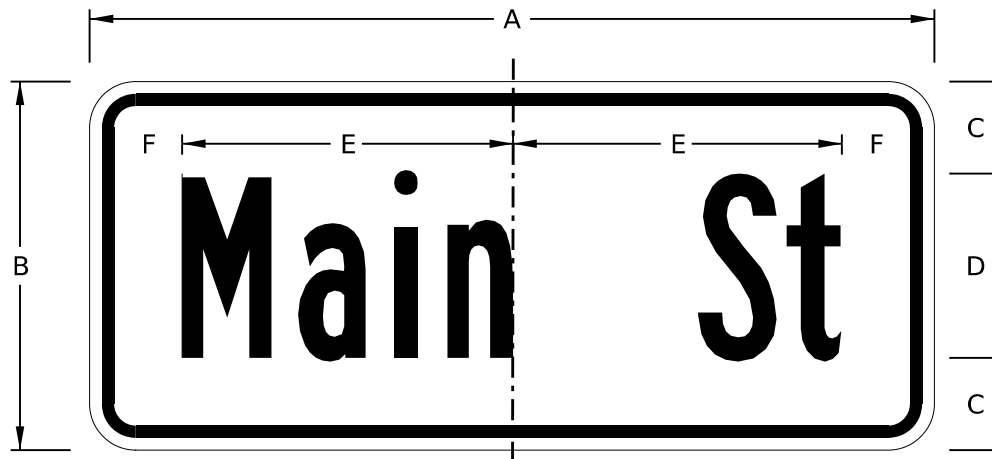
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W16-8P

## SINGLE-LINE ADVANCE STREET NAME PLAQUE

The Single-Line Advance Street Plaque (W16-8P) may be used beneath any intersection warning sign (W2 series) or advance traffic control sign (W3 series) to identify the name of the intersecting street. If the street name to the left is different than the one to the right, the Double-Line Advance Street Name Plaque (W16-8AP) should be used. The abbreviation "St" may be changed to "Rd", "Ln", "Ct", etc. as applicable.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
VAR x 8"	2.0	4*	VAR.	2**	0.4	0.4	--
VAR x 12"	3.0	6*	VAR.	3**	0.4	0.6	--

\* CHOOSE UPPER/LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT  
\*\* MINIMUM SPACE

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

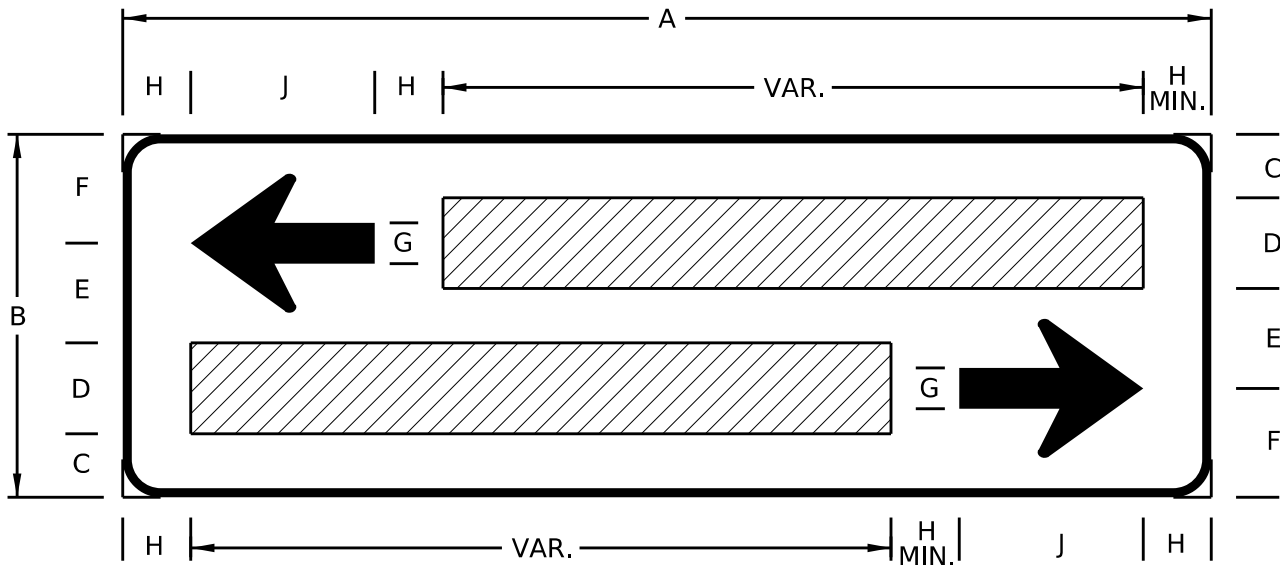
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W16-8AP

## DOUBLE-LINE ADVANCE STREET NAME PLAQUE

The Double-Line Advance Street Name Plaque (W16-8AP) may be used beneath any intersection warning sign (W2 series) or advance traffic control sign (W3 series) to identify the name of the intersecting street when the street name to the left is different than the one to the right. The street names and associated arrows should be displayed in the following order:

- For a single intersection, the name of the street to the left should be displayed above the name of the street to the right; or
- For two sequential intersections, such as where the plaque is used with an Offset Side Roads Sign (W2-7L or W2-7R) or a Double Side Road Sign (W2-8), the name of the first street encountered should be displayed above the name of the second street encountered, and the arrow associated with the second street encountered should be an advance arrow.



NOTE:  
SEE STANDARD ARROW FOR  
DIMENSIONS OF ARROWHEAD.

DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
48" x 16"	2.8	4*	4.4	4.8	1.8	3.0	5.4	0.4	-	0.4	—
72" x 24"	4.4	6*	6.2	7.4	2.8	4.0	8.2	0.8	-	0.6	—

\* CHOOSE UPPER/LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

ARROW, LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

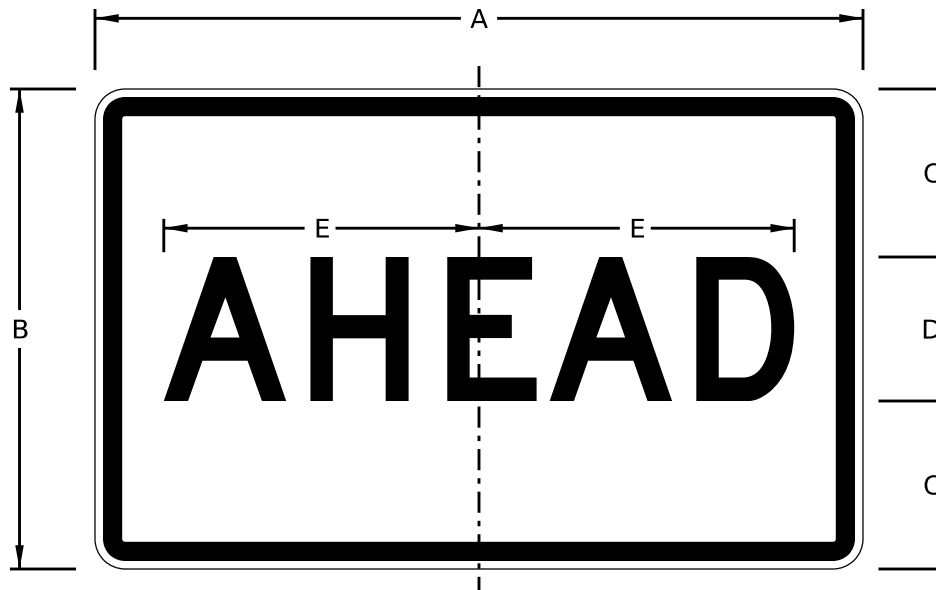
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W16-9P

## AHEAD PLAQUE

The Ahead Plaque (W16-9P) may be used to supplement any standard warning sign or regulatory sign. When used with a warning sign, the W16-9P sign shall have the same legend, border and background color as the warning sign with which it is displayed. When used with a regulatory sign, the W16-9P sign shall have a black legend and border on a yellow background.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	4.0	4D	8.7	0.4	0.6	B5-2412
30" x 18"	6.0	6D	12.9	0.4	0.8	B5-3018
36" x 24"	8.5	7D	15.3	0.6	1.0	B5-3624
48" x 30"	10.5	9D	19.7	0.8	1.2	B5-4830

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW OR FLUORESCENT  
YELLOW GREEN (REFLECTORIZED)

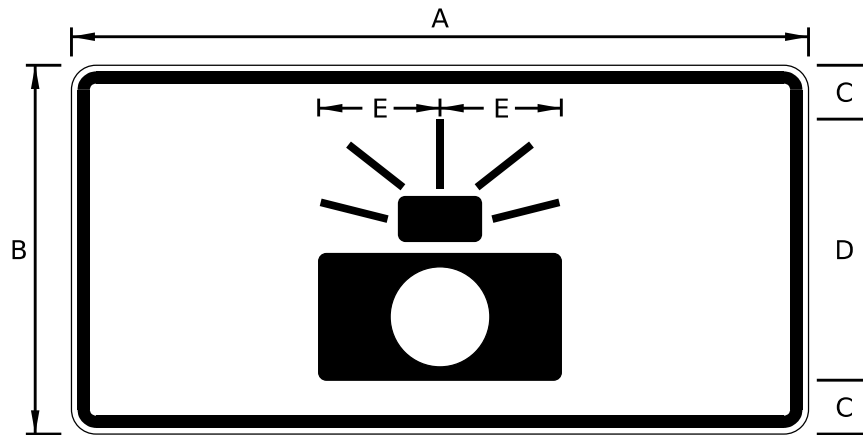
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W16-10P

## PHOTO ENFORCED (YELLOW) PLAQUE

The Photo Enforced (Yellow) Plaque (W16-10P) may be mounted below a warning sign to advise road users that the regulations associated with the condition being warned about (such as a traffic control signal or a toll plaza) are being enforced by photographic equipment.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	1.5	9.0	4.2	0.4	0.6	B5-2412
36" x 18"	2.5	13.0	6.0	0.6	0.8	B5-3618
48" x 24"	3.5	17.0	7.9	0.8	1.2	B5-4824

COLOR:

SYMBOL AND BORDER:  
BLACK (REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

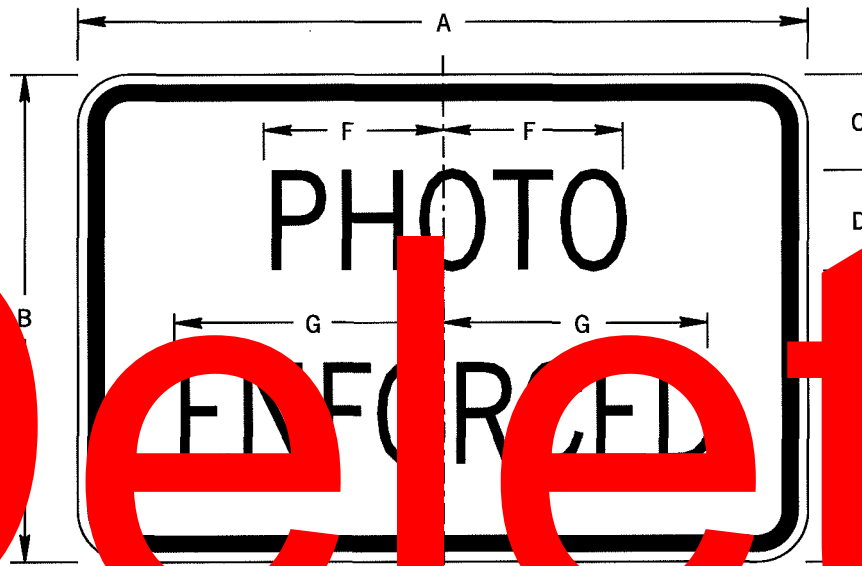
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W16-10AP

## PHOTO ENFORCED PLAQUE

A Photo Enforced Plaque (W16-10AP) may be mounted below a warning sign to advise road users that the regulations associated with the condition being warned about (such as a traffic control signal or a toll plaza) are being enforced by photographic equipment.

At traffic control signals where automated red light enforcement systems are used, the W16-10AP plaque shall be mounted below any required Signal Ahead Signs (W3-3). At locations where the Signal Ahead Sign (W3-3) is not required, the Red Light Photo Enforced Sign (W16-10-1) may be used as an alternate.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	4.5	3D	3	6	9.9	0.4	0.6	B5-2418
36" x 24"	6	4D	4	8	13.1	0.6	0.8	B5-3624

### COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

### APPROVED FOR THE SECRETARY OF TRANSPORTATION

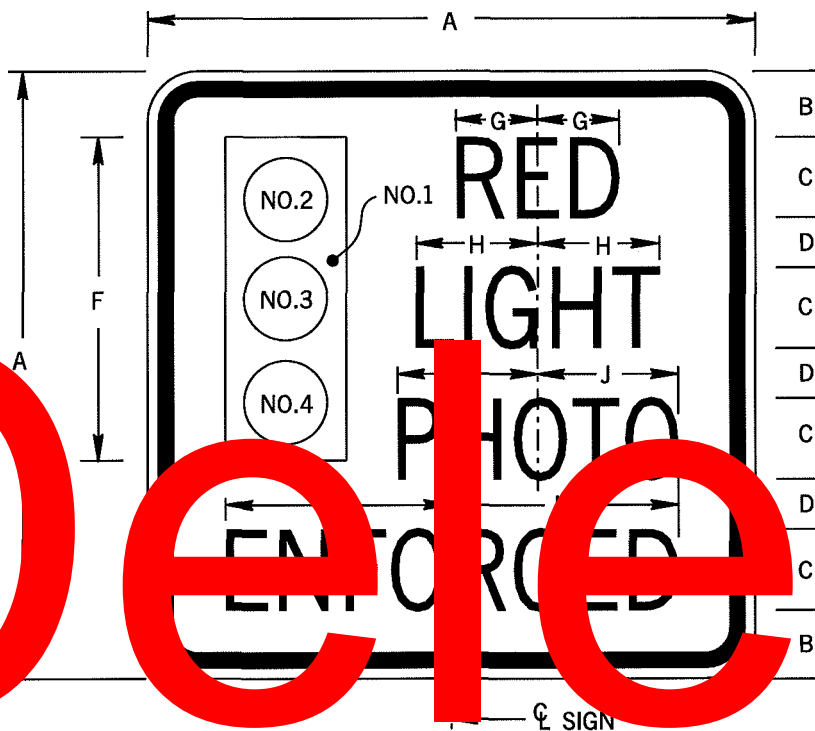
By : Sh C Rome Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

# W16-10-1

## RED LIGHT PHOTO ENFORCED SIGN

(a) Justification. The Red Light Photo Enforced Sign (W16-10-1) may be installed in advance of a traffic control signal where an automated red light enforcement system is used and a Signal Ahead Sign (W3-3) is not required. At locations where the Signal Ahead Sign is required, the Photo Enforced Plaque (W16-10AP) shall be used.

(b) Size. When used on an expressway, the standard size of the W16-10-1 sign shall be 48" x 48".



DIMENSIONS - IN												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	3.2	4C	2.5	6	16	4	6	6.9	11.2	0.4	0.6	B3-30
48" x 48"	4	7C	4	7	29	9.9	10.4	12.1	19.6	0.6	0.8	B3-48

### COLOR:

LEGEND, BORDER AND NO.1:  
BLACK (NON-REFLECTORIZED)

TOP CIRCLE (NO.2):  
RED (REFLECTORIZED)

CENTER CIRCLE (NO.3):  
YELLOW (REFLECTORIZED)

BOTTOM CIRCLE (NO.4):  
GREEN (REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

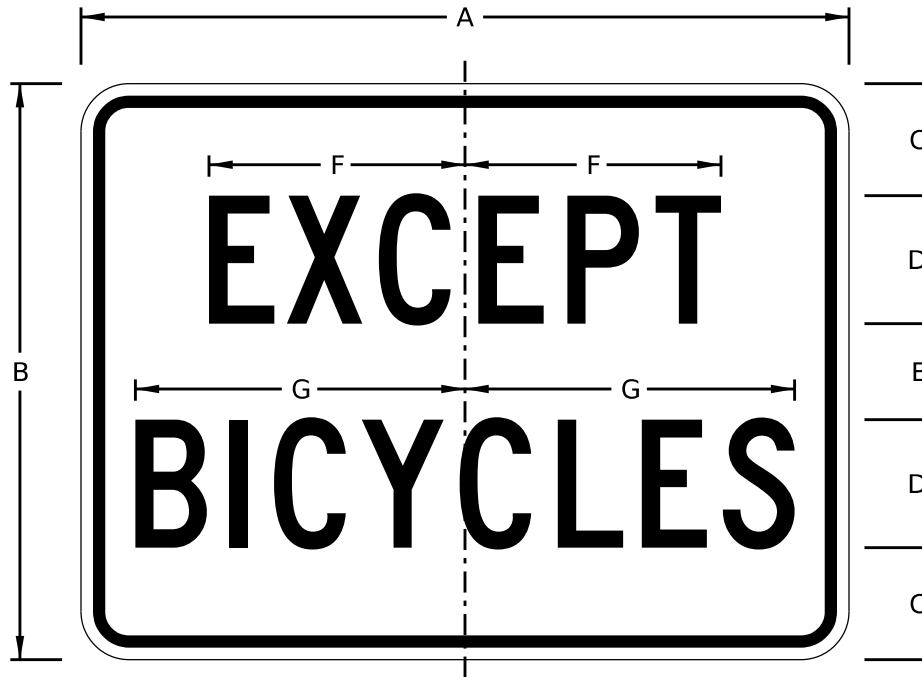
By : Shirley C. Rome Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations



# W16-11P

## EXCEPT BICYCLES PLAQUE

The Except Bicycles Plaque (W16-11P) may be used beneath warning signs to alert bicyclists that the specific condition depicted on the warning sign does not apply to them. The W16-11P shall be mounted below the warning sign.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	3.5	4C	3.0	8.0	10.3	0.4	0.6	B5-2418

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

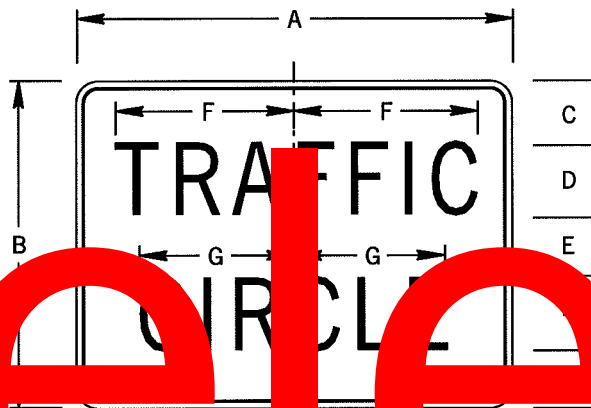
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date :XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W16-12P

## TRAFFIC CIRCLE PLAQUE

The Traffic Circle Plaque (W16-12P) is for use below the Circular Intersection Sign (W2-6) on the approach to a circular intersection.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	3.8	3.6D	3.2	9.6	7.8	0.4	0.6	B5-2418

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

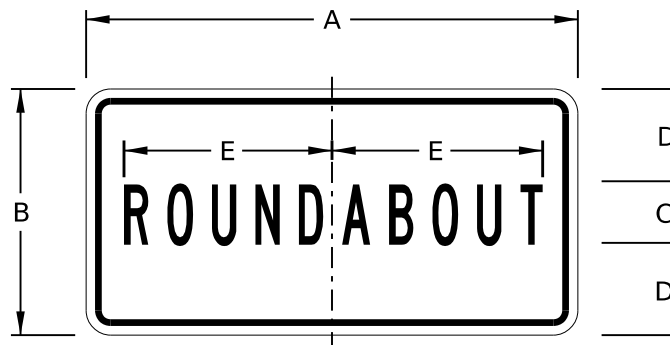
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Sh C Rome Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

# W16-12AP

## ROUNDAABOUT PLAQUE

The Roundabout Plaque (W16-12AP) may be mounted below a Circular Intersection Sign (W2-6).



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3C*	4.5	10.2	0.4	0.6	B5-2412

\* REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

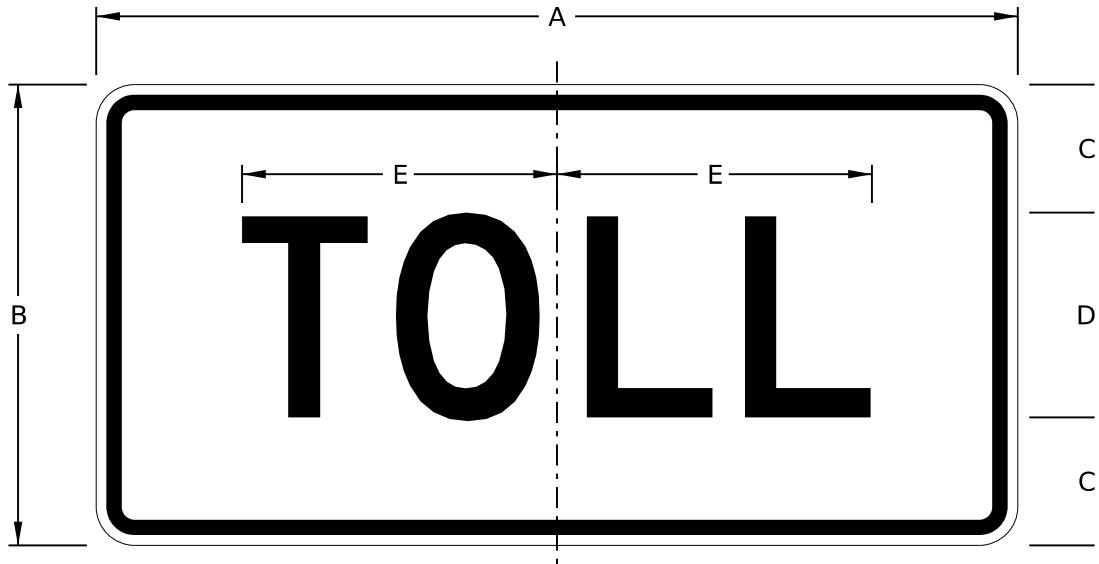
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W16-17P

## TOLL PLAQUE

The Toll Plaque (W16-17P) shall be used above a cardinal direction or route marker sign to provide direction from a non-toll roadway to a toll roadway or segment of a highway where payment of a toll is required.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.5	5E	9.1	0.4	0.6	B5-2412
36" x 18"	5.0	8D	12.3	0.4	0.6	B5-3618

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W16-101

## SHARE THE ROAD SIGN

The Share the Road Sign (W16-101) may be used on highways where available lateral clearances make it likely that bicyclists will either travel on the roadway or on the shoulder but in close proximity to the roadway. It may also be used in conjunction with bike lanes or roads with wide paved shoulders if the intent is to alert motorists to the presence of cyclists. Other uses may include roads with a documented car-bike crash history and a road being promoted as a cycling route.



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K
30" x 30"	4C	1.4	7.1	3.9	5.7	8	3	6.5	8.5
36" x 36"	5C	1.7	8.8	4.8	7	9.6	3.6	7.8	10.2

DIMENSIONS - IN							
SIGN SIZE A x A	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	7.1	4.5	13	16	0.5	0.8	B3-30
36" x 36"	8.5	5.4	15.6	19.2	0.6	0.8	B3-36

### COLOR:

LEGEND, SYMBOL, AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

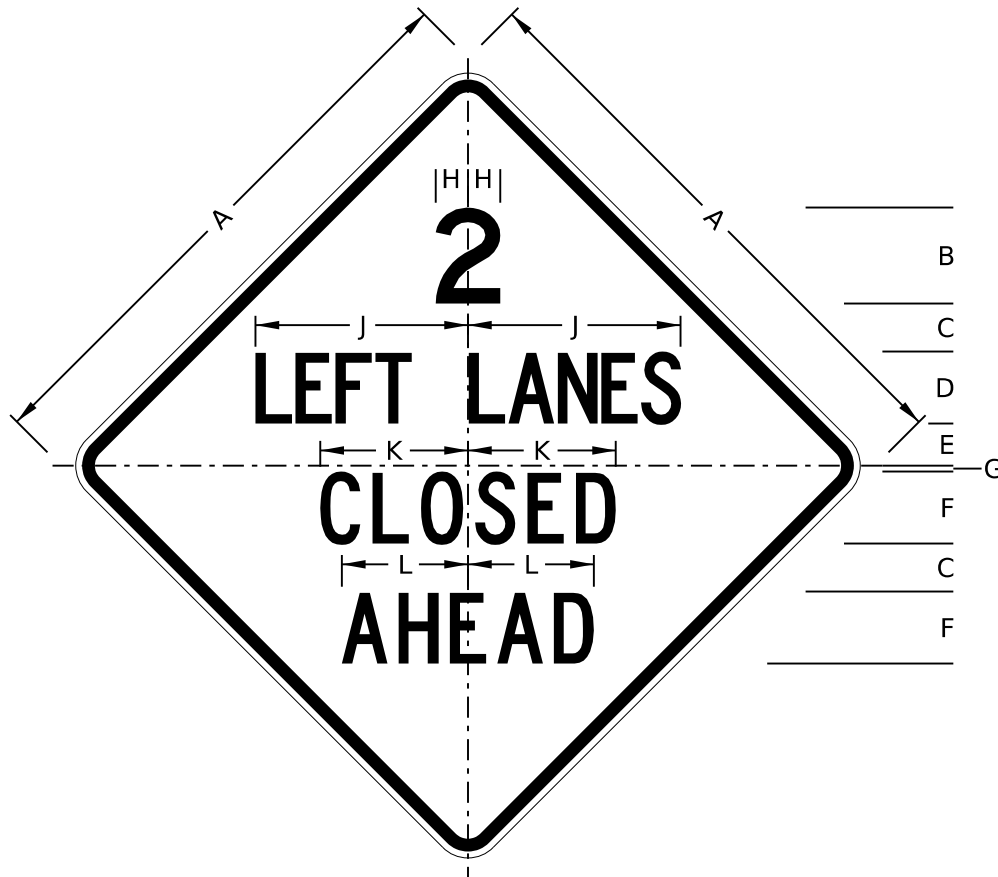
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Shirley C. Rowe Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

# W20-5AL

## TWO LEFT LANES CLOSED SIGN

The Two Left Lanes Closed Sign (W20-5AL) may be used when the left two lanes of a roadway that has three or more lanes in one direction are closed. If more than two lanes are closed the appropriate number of closed lanes shall be displayed at the top of the sign. Overlay panels may be used to indicate the distance. Details of alternate distances are provided in the W30-1 sign. In lieu of exact distances, the legend "AHEAD" may be used.



DIMENSIONS - IN													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
48" x 48"	8D	4.0	6C*	3.5	6C	0.5	VAR	17.7	12.3	10.5	0.8	1.25	B3-48

\* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

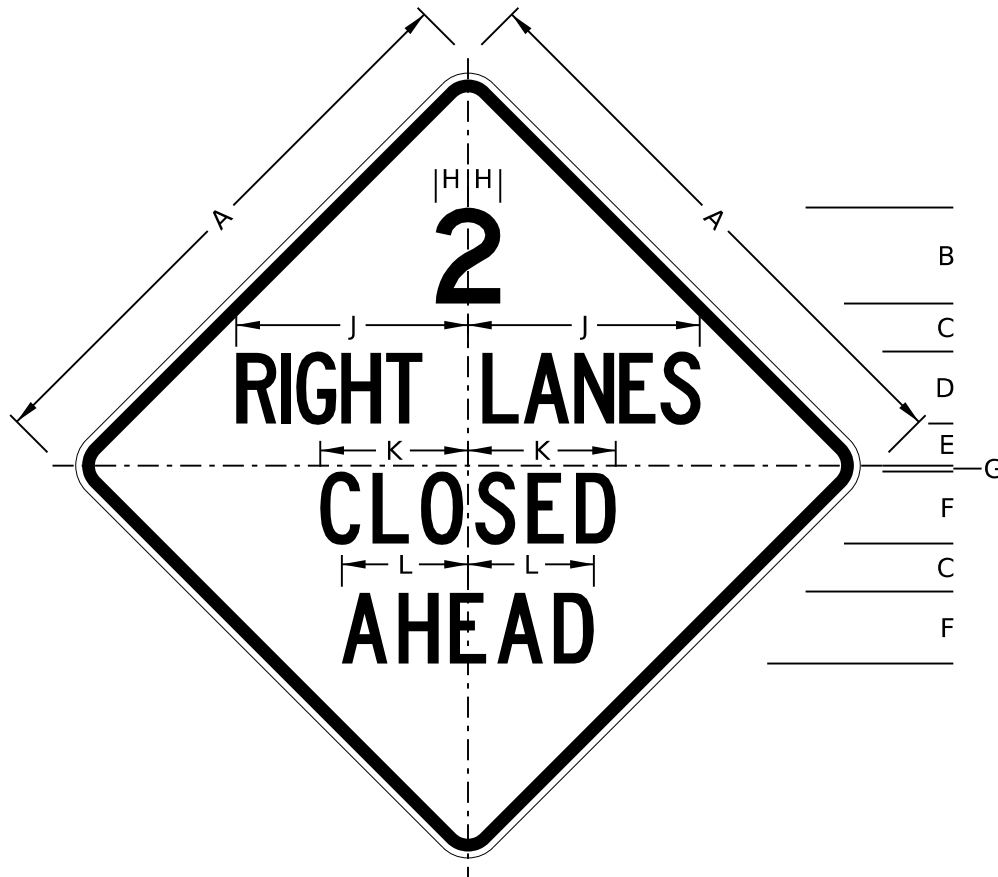
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W20-5AR

## TWO RIGHT LANES CLOSED SIGN

The Two Right Lanes Closed Sign (W20-5AR) may be used when the right two lanes of a roadway that has three or more lanes in one direction are closed. If more than two lanes are closed the appropriate number of closed lanes shall be displayed at the top of the sign. Overlay panels may be used to indicate the distance. Details of alternate distances are provided in the W30-1 sign. In lieu of exact distances, the legend "AHEAD" may be used.



DIMENSIONS - IN													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
48" x 48"	8D	4.0	6C*	3.5	6C	0.5	VAR	19.3	12.3	10.5	0.8	1.25	B3-48

\* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

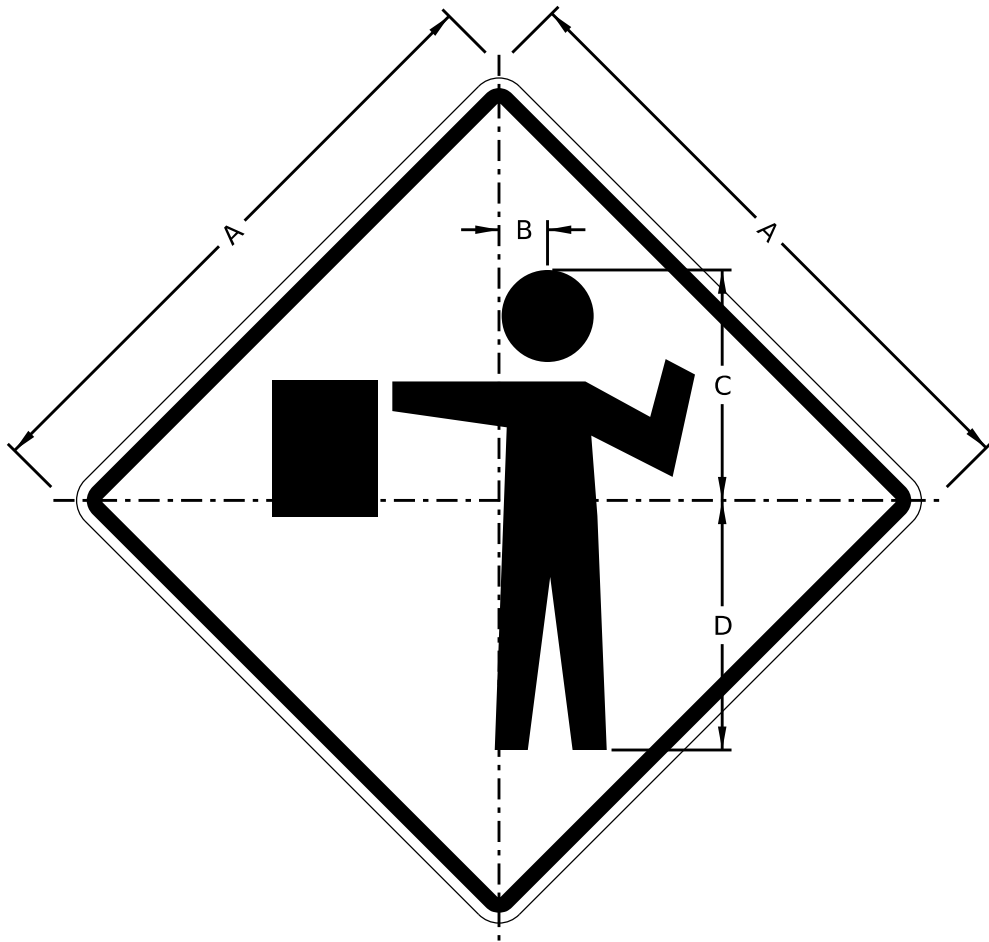
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W20-7

## FLAGGER SYMBOL SIGN

The Flagger Symbol Sign (W20-7) should be used in advance of a flagger that has been stationed to control traffic through a construction, maintenance or utility project. An appropriate distance message may be displayed on a Distance Ahead Plaque (W16-103P) below the W20-7 sign. The W20-7 sign shall be promptly removed, covered or turned to face away from the roadway whenever the flagger is not present.



DIMENSIONS - IN						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	2.8	13.6	14.7	0.6	0.8	-----
48" x 48"	3.8	18.0	19.5	0.8	1.2	-----

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations



# W20-10A

## BE PREPARED TO STOP NEXT ( ) MI SIGN

The Be Prepared To Stop Next ( ) Mi Sign (W20-10A) shall be authorized for use in unusual traffic operations to advise motorists that operations or conditions may cause intermittent stoppage of traffic. This sign may be used in place of the Be Prepared to Stop Sign (W3-4) with a supplemental Next ( ) Miles Plaque (W7-3AP).



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER
36" x 36"	5C	2.5	2.5	3.1	13.7*	12.5	13.4	0.6	0.8
48" x 48"	6C	4	2.5	3.8	17	14.9	16.7	0.8	1.2

\* REDUCE SPACING 15%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

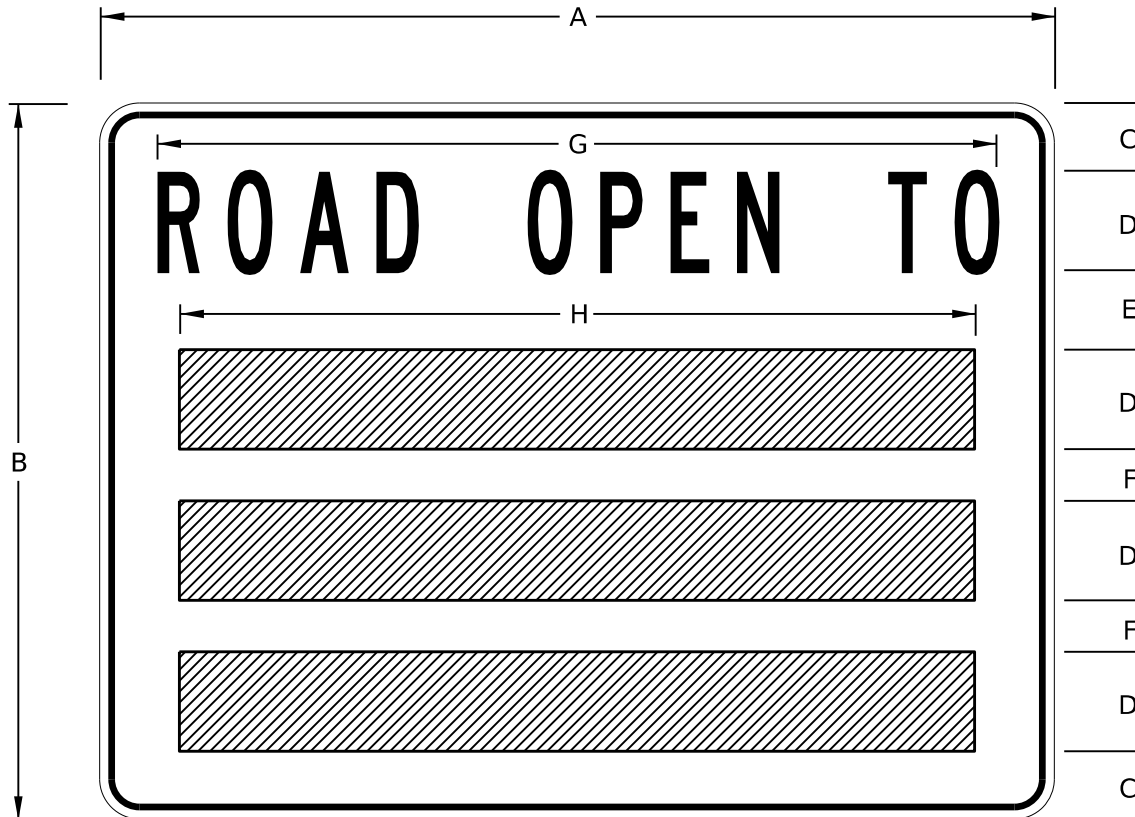
By : Sh C Rowe Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

# W20-104

## ROAD OPEN SIGN

The Road Open Sign (W20-104) may be used in a work area to advise drivers that a road which has been detoured for through traffic is open to specific businesses. Up to three business establishments may be placed on the sign. When more than three businesses are located along the road between the point of detour and road closure, the third business on the sign shall be the business closest to the road closure.

The W20-104 sign should be located approaching the point of detour.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
48" x 36"	3.0	5C	3.6	3.2	43.7	VAR.	0.4	0.4	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

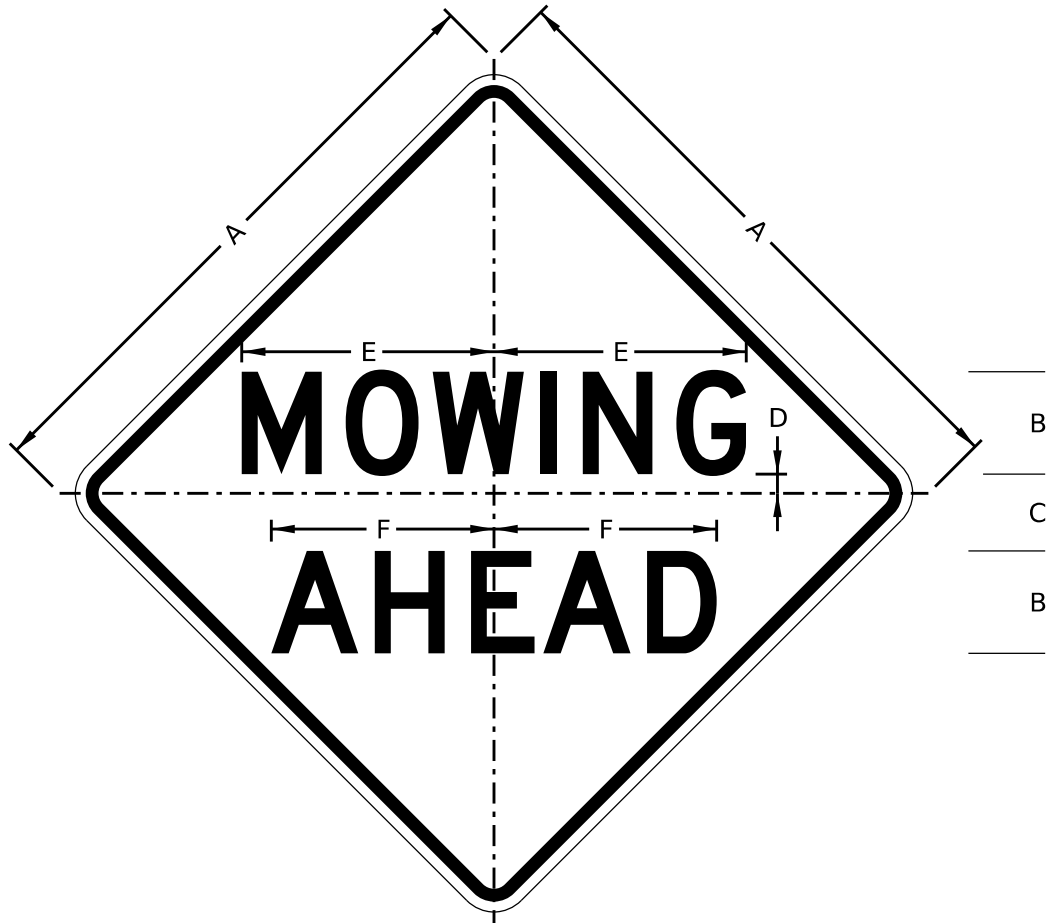
# W21-8

## MOWING AHEAD SIGN

The Mowing Ahead Sign (W21-8) shall be used on the back of shadow vehicles that are being used in conjunction with a mowing operation, to advise motorists that roadside mowing operations are occurring ahead.

The 36"x36" size should be used on a shadow vehicle in a mowing operation along conventional highways.

The 48"x48" size should be used on a shadow vehicle in a mowing operation along freeways and expressways or along conventional highways.



DIMENSIONS - IN								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	6D	4.5	1.3	14.8	13.1	0.6	0.8	B3-36
48" x 48"	8D	6.0	1.5	19.7	17.4	0.8	1.0	B3-36

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date :XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W21-16

## NO PAVEMENT MARKINGS SIGN

(a) Justification. The No Pavement Markings Sign (W21-16) may be used in work areas where the pavement markings have been covered or destroyed and not replaced. When pavement markings are installed, the signs shall be removed.

(b) Placement. The sign shall be installed at the beginning and at intervals of not more than 1/2 mile through the area with no pavement markings.



DIMENSIONS - IN								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
36" x 36"	6C	2.0	6C*	4.0	16.8	14.8	0.6	0.8
48" x 48"	8C	3.0	8C*	5.4	22.3	19.7	0.8	1.0

\*REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

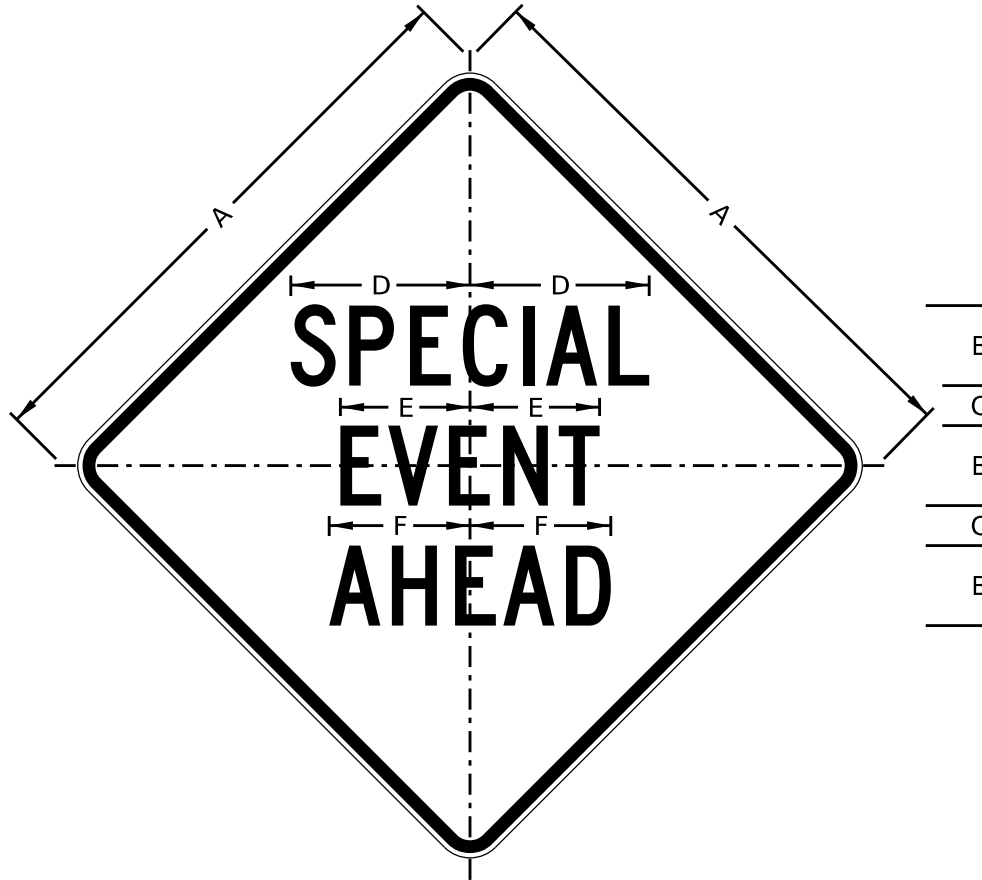
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W21-104

## SPECIAL EVENT AHEAD SIGN

The Special Event Ahead Sign (W21-104) may be used as a temporary sign to give advance warning of a special event that may affect traffic. The W2-104 should be installed on the approaches to the event and be removed when the event has concluded.



DIMENSIONS - IN								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	5.0	2.5	11.2	8.1	8.8	0.6	0.8	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

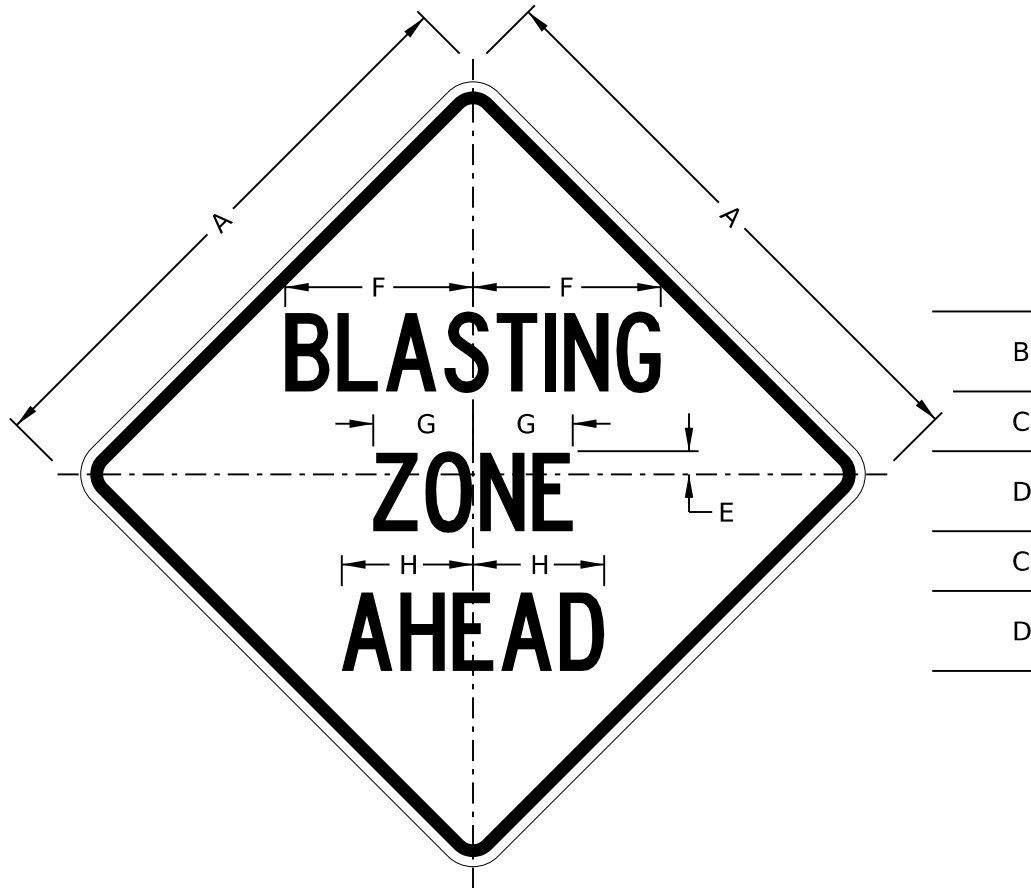
By : \_\_\_\_\_ Date : XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W22-1

## BLASTING ZONE AHEAD SIGN

(a) Justification. The Blasting Zone Ahead Sign (W22-1) shall be authorized for use in advance of any area where there are explosives being used. This sign shall be used in sequence with the Turn Off 2-Way Radios And Cell Phones Sign (R22-2) and the End Blasting Zone Sign (W22-3). The sign shall be covered or removed when there are no explosives in the area or the area is otherwise secure.

(b) Placement. This sign should be located approximately 1000' in advance of the Turn Off 2-Way Radios And Cell Phones Sign (R22-2).



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
48" x 48"	7C*	4.0	7C	1.4	16.3	9.7	12.3	0.8	1.0	-----

\* REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

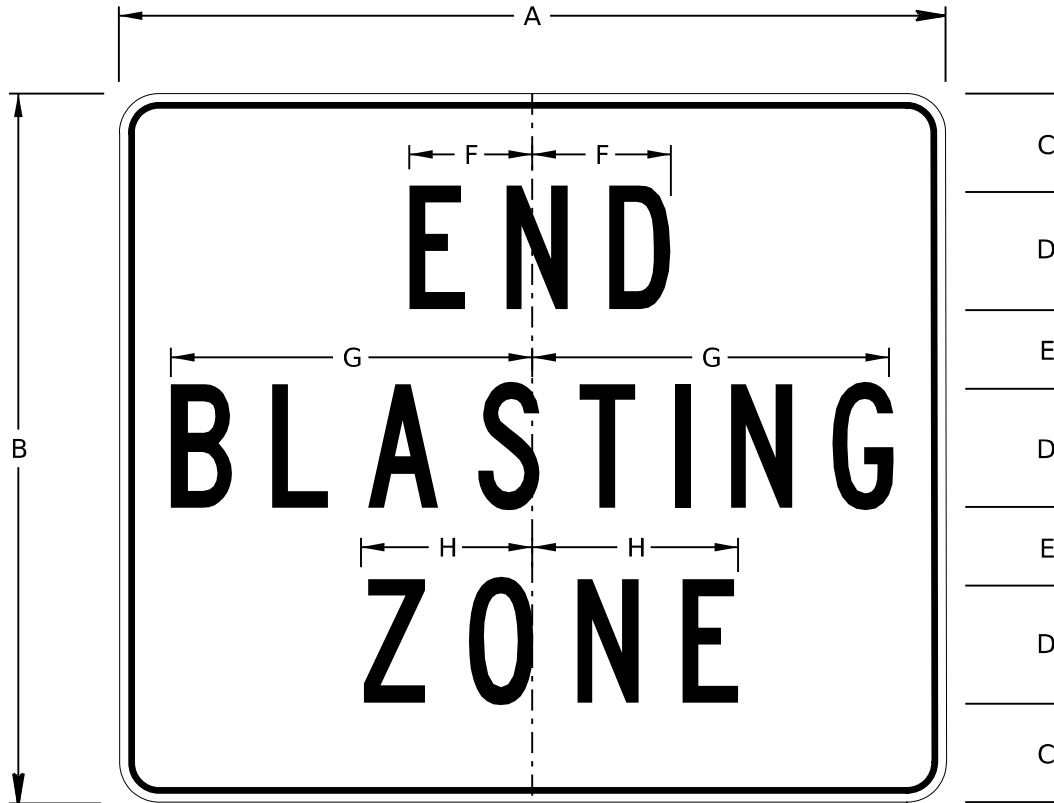
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W22-3

## END BLASTING ZONE SIGN

The End Blasting Zone Sign (W22-3) shall be authorized for use to denote the end of a blasting zone and shall be located at least 1000' from the blasting area, either with or preceding the End Road Work Sign (G20-2). It shall be used in sequence with the Blasting Zone Ahead Sign (W22-1) and the Turn Off 2-Way Radios And Cell Phones Sign (R22-2). The sign shall be covered or removed when there are no explosives in the area or the area is otherwise secure.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
42" x 36"	5.0	6C	4.0	5.9	15.4	8.3	0.6	0.8	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

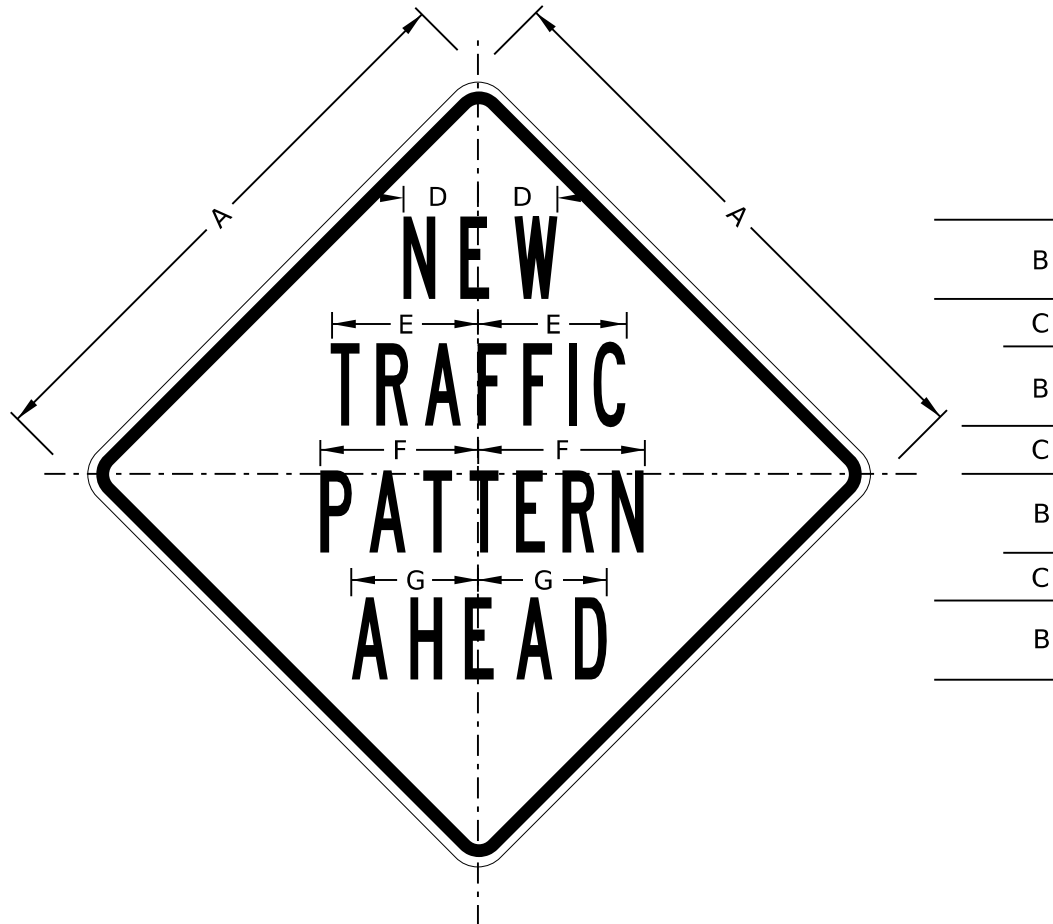
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W23-2

## NEW TRAFFIC PATTERN AHEAD SIGN

The New Traffic Pattern Ahead Sign (W23-2) may be used on the approach to an intersection or along a section of roadway to provide advance warning of a change in traffic patterns, such as revised lane usage or roadway geometry. The W23-2 sign should be removed when the traffic pattern returns to normal, when the changed pattern is no longer considered to be new, or within twelve months.



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	5C	3.0	5.4	10.7	11.4	8.8	0.6	0.8	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

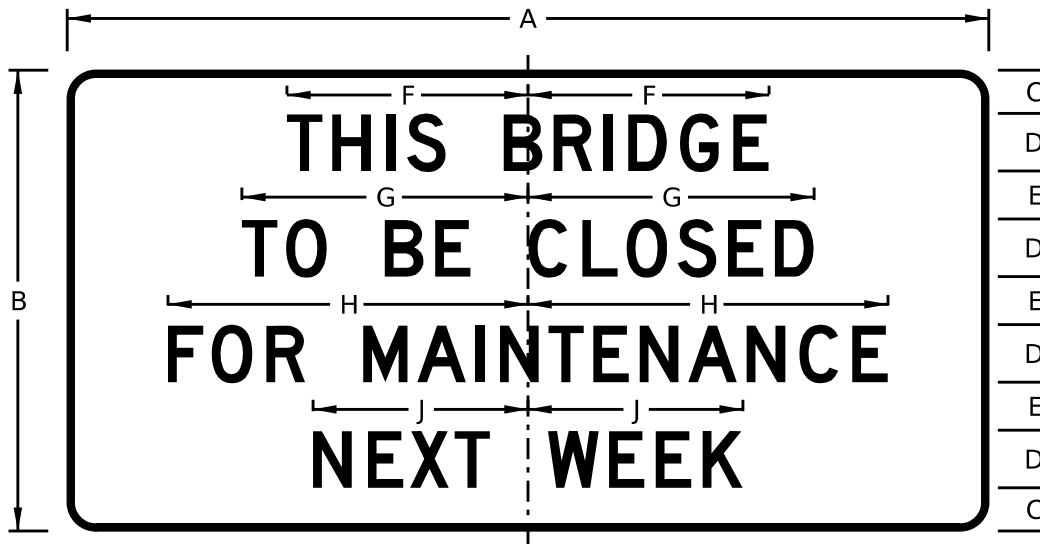
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# W23-101

## THIS BRIDGE TO BE CLOSED FOR MAINTENANCE SIGN



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
48" x 30"	2.5	4C	3.0	14.3	17.2	21.0	12.9	-	0.4	-----
60" x 36"	3.5	5C	3.0	17.9	21.5	26.3	16.1	-	0.6	-----
96" x 48"	4.5	6D	5.0	25.1	29.8	37.5	22.4	-	0.8	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

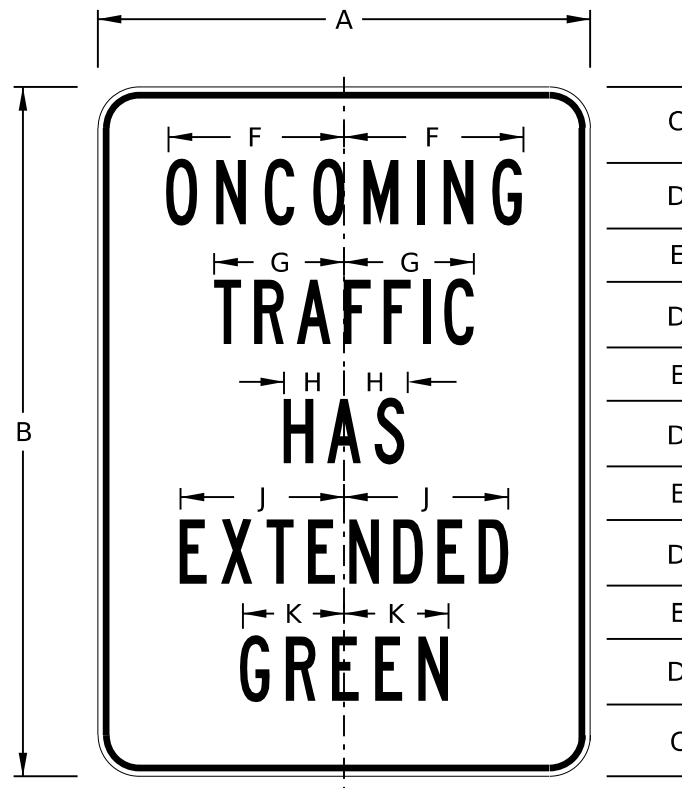
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W25-1

## ONCOMING TRAFFIC HAS EXTENDED GREEN SIGN

The Oncoming Traffic Has Extended Green sign (W25-1) may be used on an approach at a signalized intersection where oncoming traffic has a lagging green signal indication continually, to advise the motorist facing the sign that oncoming traffic will continue to move although he/she has a red signal indication. If this operation occurs only occasionally (such as during a pre-emption sequence), the Oncoming Traffic May Have Extended Green sign (W25-2) shall be used instead of the W25-1 sign. The W25-1 and W25-2 signs shall only be used with the approval of the District Traffic Engineer.

When used, the W25-1 sign shall be installed near the left-most signal face for the approach.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
24" x 30"	3.5	3C	2.0	8.3	6.6	3.1	8.2	5.1	0.4	0.6	B5-3024

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

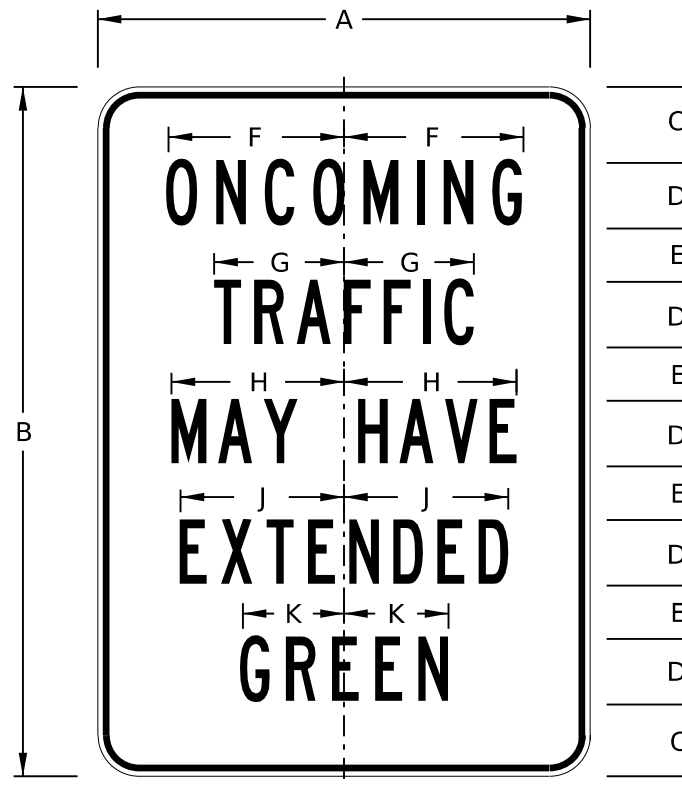
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W25-2

## ONCOMING TRAFFIC MAY HAVE EXTENDED GREEN SIGN

The Oncoming Traffic May Have Extended Green sign (W25-2) may be used on an approach at a signalized intersection where oncoming traffic has a lagging green signal indication occasionally (such as during a pre-emption sequence), to advise the motorist facing the sign that oncoming traffic may continue to move although he/she has a red signal indication. If this operation occurs continually, the Oncoming Traffic Has Extended Green sign (W25-1) shall be used instead of the W25-2 sign. The W25-1 and W25-2 signs shall only be used with the approval of the District Traffic Engineer.

When used, the W25-2 sign shall be installed near the left-most signal face for the approach.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
24" x 30"	3.5	3C	2.0	8.3	6.6	8.2	8.2	5.1	0.4	0.6	B5-3024

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

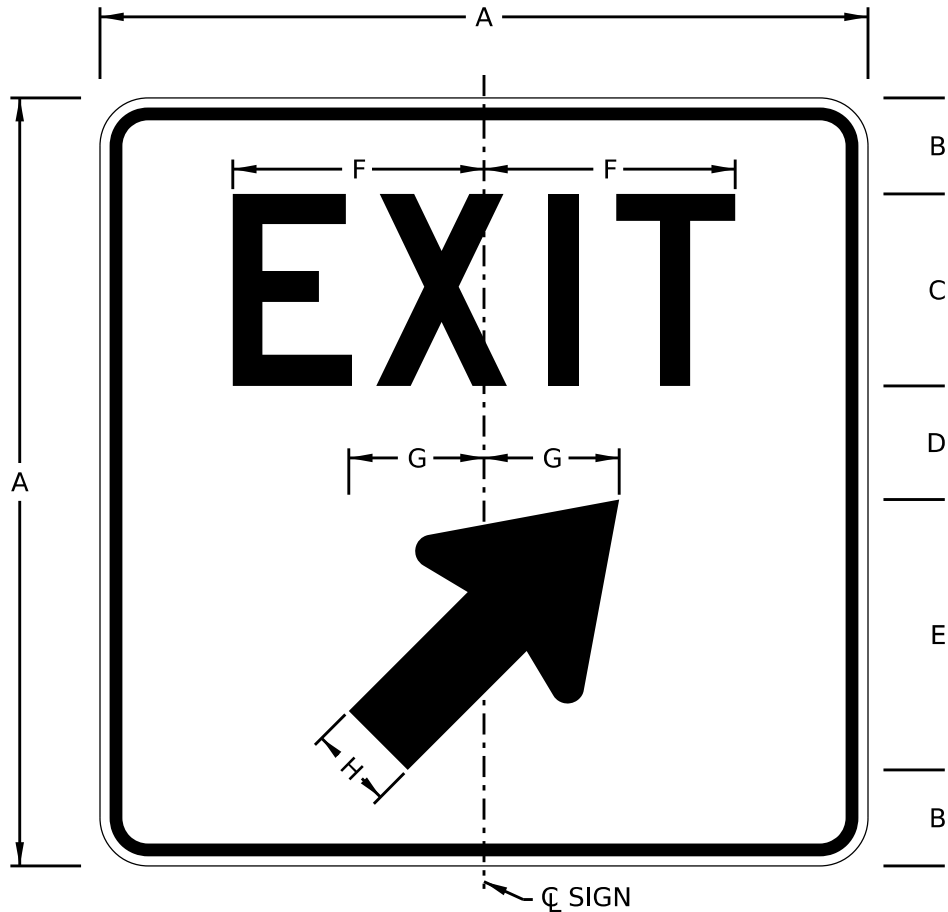
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W25-4

## EXIT GORE SIGN

The Exit Gore Sign (W25-4) shall be authorized for use in work zones to indicate a point where traffic is to exit the mainline roadway onto a ramp.



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
48" x 48"	6.0	12D	7.1	16.9	15.7	8.5	5.2	0.6	0.8	-----

COLOR:

LEGEND AND BORDER:  
WHITE (NON-REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

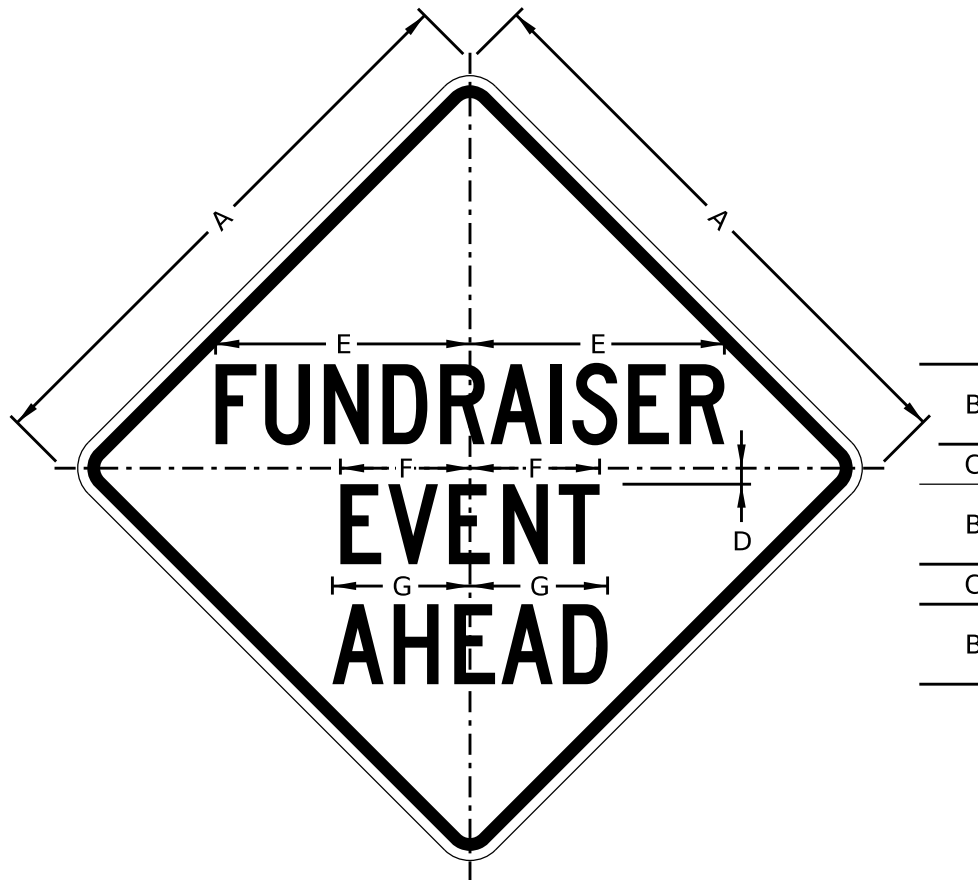
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W25-103

## FUNDRAISER EVENT AHEAD SIGN

The Fundraiser Event Ahead Sign (W25-103) may be used for temporary traffic control in advance of a First Responder Organization Solicitation Activity as permitted by the Department. The W25-103 sign shall be used in conjunction with a black-on-orange Be Prepared to Stop Sign (W3-4). The sign should be removed as soon as the event is complete.



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	5C	2.5	1.0	15.9	8.1	8.6	0.6	0.8	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

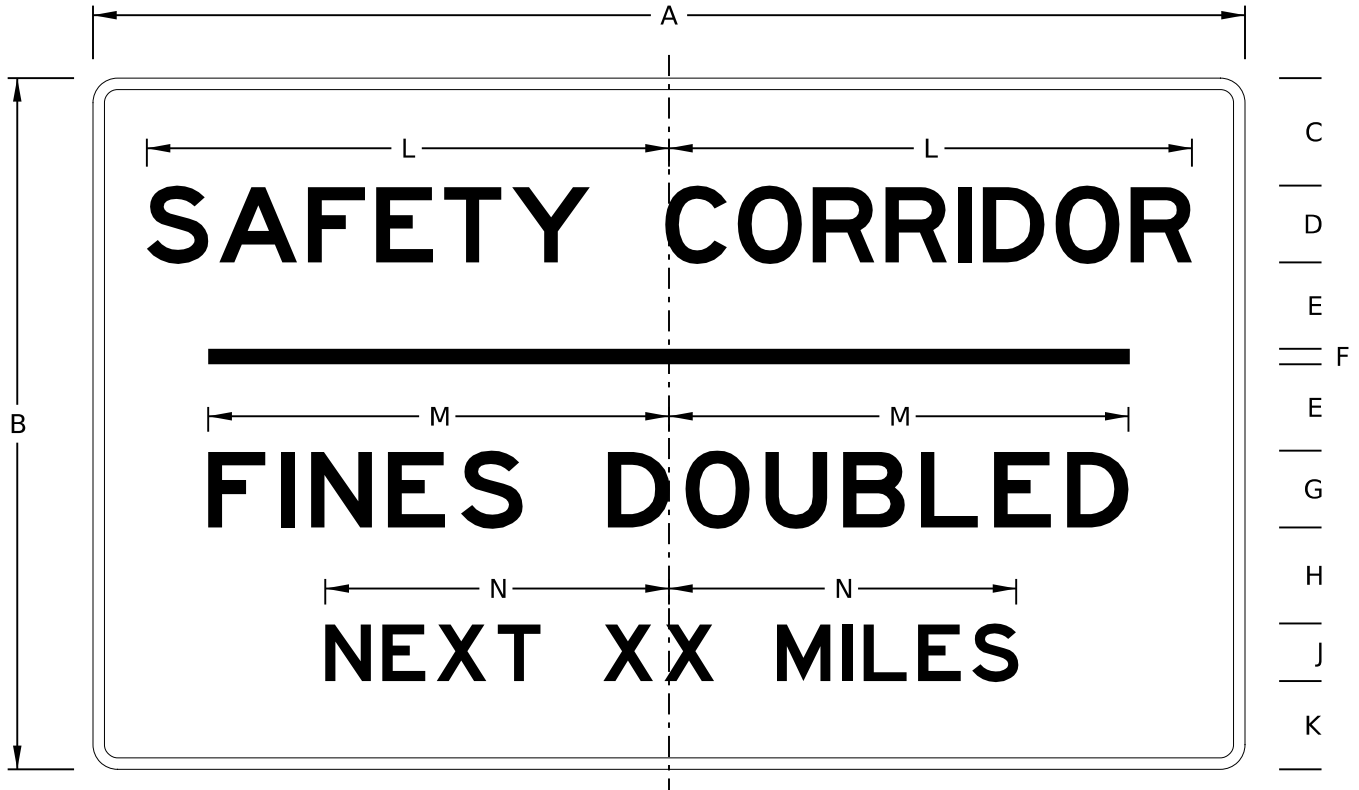
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date :XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# W35-1

## SAFETY CORRIDOR - FINES DOUBLED NEXT XX MILES SIGN

The Safety Corridor - Fines Doubled Next XX Miles Sign (W35-1) shall indicate the start of an ACT 229 highway safety corridor and shall be installed as close as practical to the beginning of the corridor and after each interchange along the corridor.



DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
60" x 36"	5.6	4E*	4.5	0.8	4E	5.0	3E	4.6	27.2	24.0	17.9	-	0.6	-----
120" x 54"	7.0	8E	5.0	1.0	8E	7.0	6E	7.0	57.4	48.2	35.8	-	1.3	-----

\*REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
FLUORESCENT YELLOW (REFLECTORIZED)

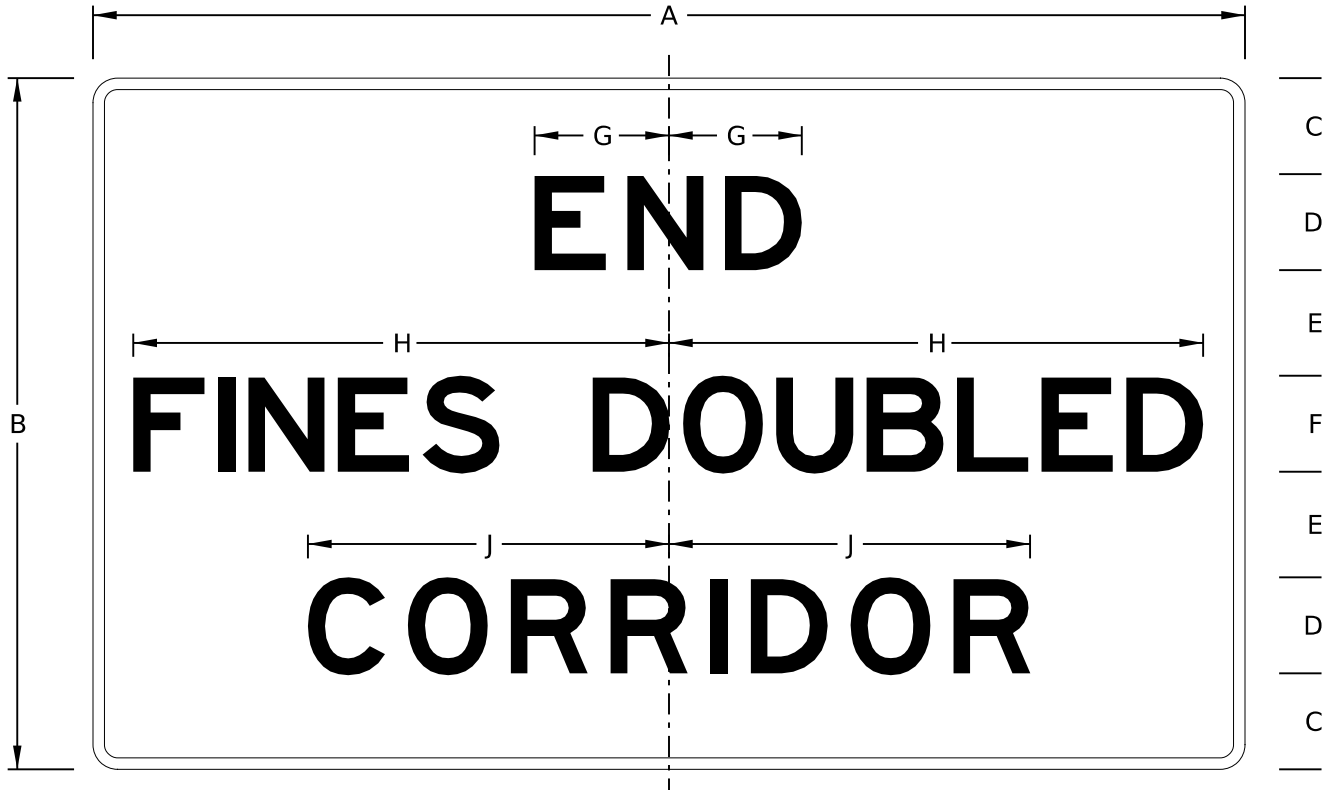
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W35-2

## END FINES DOUBLED CORRIDOR SIGN

The End Fines Doubled Corridor Sign (W35-2) shall indicate the end of an ACT 229 fines doubled corridor and shall be installed at the end of each highway safety corridor.



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
60" x 36"	5.0	5E	5.5	5E*	7.0	27.9	18.8	-	0.6	-----
120" x 54"	8.0	8E	7.0	8E	11.2	48.2	30.1	-	1.3	-----

\*REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
FLUORESCENT YELLOW (REFLECTORIZED)

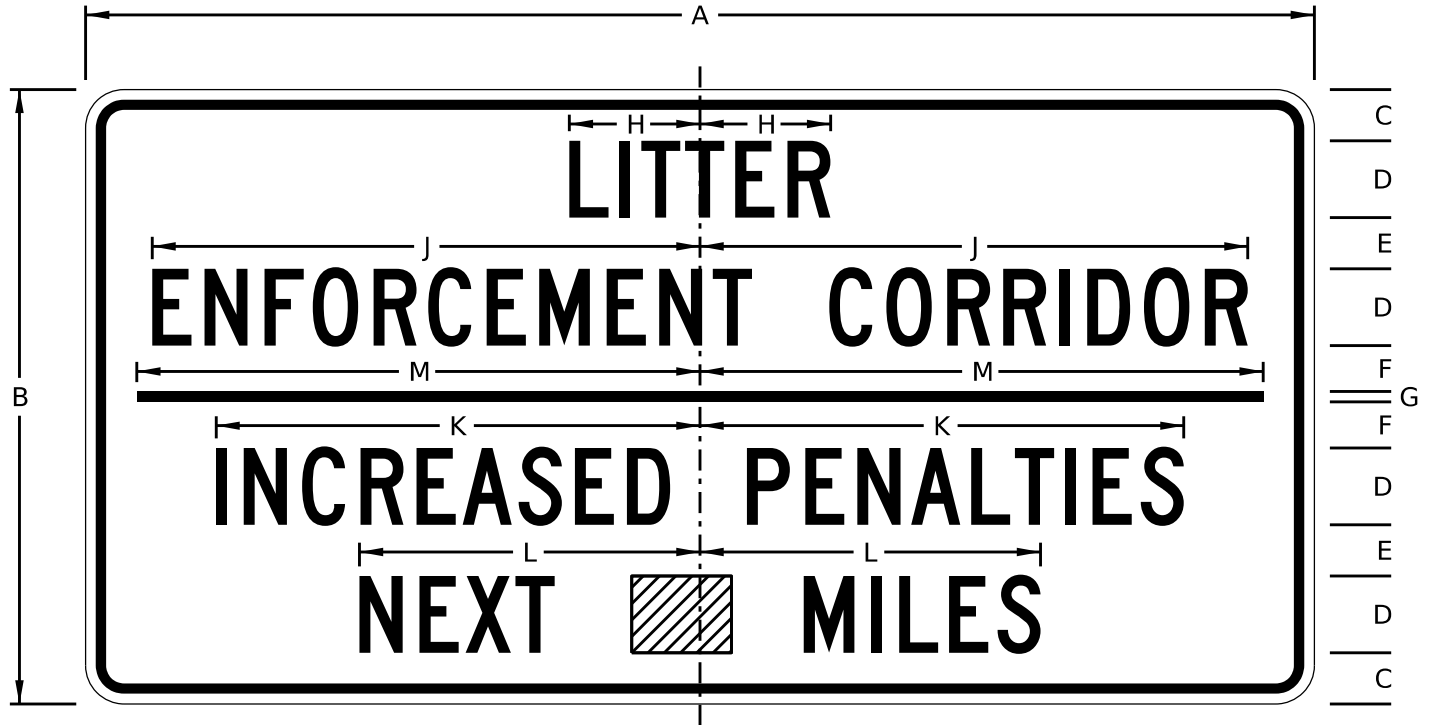
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W35-3

## LITTER ENFORCEMENT CORRIDOR - INCREASES PENALTIES SIGN

The Litter Enforcement Corridor - Increased Penalties Sign (W35-3) shall indicate the start of an ACT 229 Litter Enforcement Corridor and shall be installed as close as practical to the beginning of the corridor and after each interchange along the corridor.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
30" x 18"	2.0	2C	1.5	1.4	0.2	3.4	13.4	12.6	8.9	14.0	0.4	0.4	B5-3018
48" x 24"	2.0	3C	2.0	1.8	0.4	5.1	21.4	18.9	13.3	22.0	0.4	0.4	B5-4824

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
FLUORESCENT YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

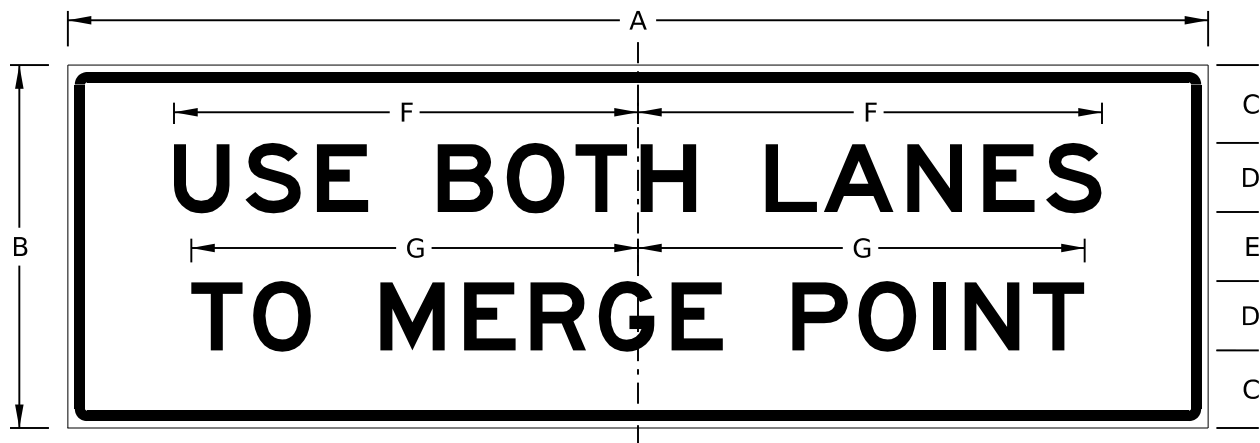
By : \_\_\_\_\_ Date :XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations



# W36-101

## USE BOTH LANES TO MERGE POINT SIGN

The Use Both Lanes to Merge Point Sign (W36-101) may be used in advance of a lane closure on a freeway, expressway or other multilane highway to inform drivers that they may approach the merge point in either lane. The sign is used in areas where significant queues are anticipated to occur at frequent intervals. When used, it should generally be positioned in advance of the maximum expected queue. This sign is always used in combination with the Merge Here Take Your Turn Sign (W36-102).



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
96" x 36"	7.0	8D*	6.0	42.7	41.5	0.6	0.8	-----
132" x 42"	9.0	8E	8.0	53.7	51.7	0.8	1.2	-----

\*REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

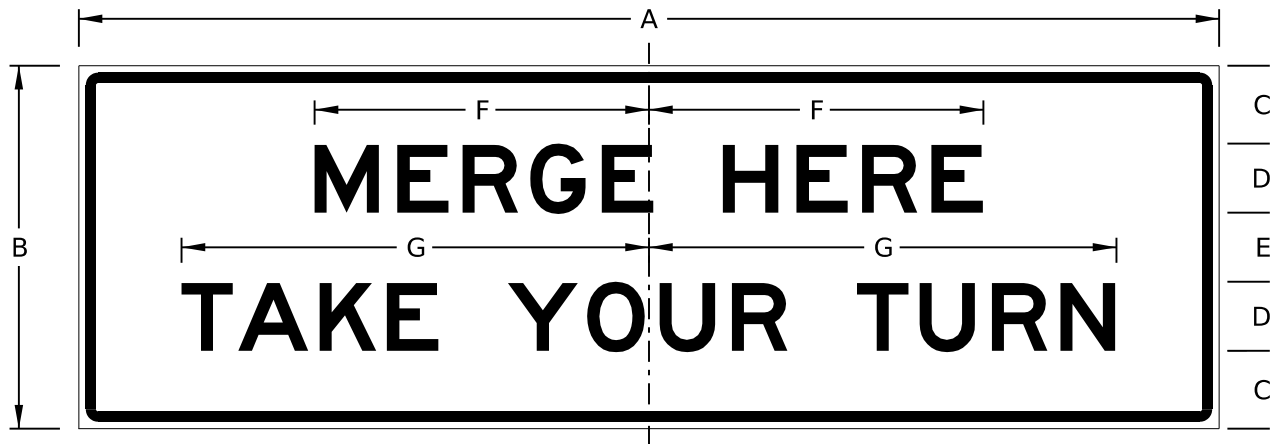
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# W36-102

## MERGE HERE TAKE YOUR TURN SIGN

The Merge Here Take Your Turn Sign (W36-102) may be used at the point of a temporary lane closure on a freeway, expressway or other multilane highway where drivers are expected to merge into a single lane. This sign is always used in combination with the Use Both Lanes to Merge Point Sign (W36-101).



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
96" x 36"	7.0	8D*	6.0	32.3	44.4	0.6	0.8	-----
132" x 42"	9.0	8E	8.0	38.7	54.1	0.8	1.2	-----

\*REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

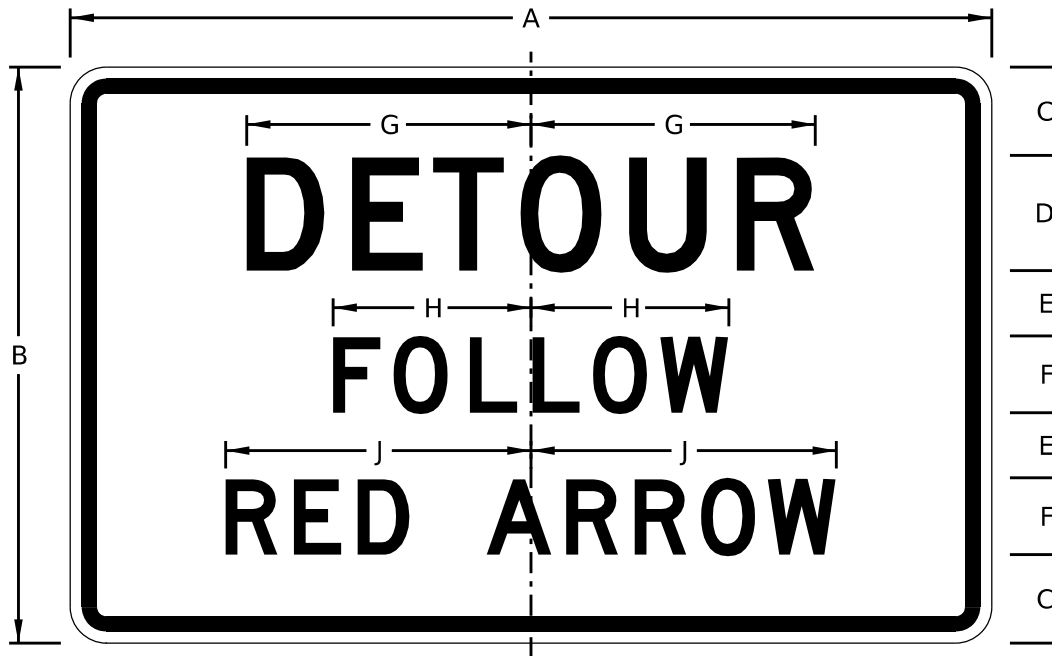
# G20-6

## DETOUR FOLLOW RED ARROW SIGN

(a) Justification. The Detour Follow Red Arrow Sign (G20-6) may be used at a point where a detour has been established on a roadway and the Red Arrow (G20-6-1) is used to mark the detour. The Red Arrow (G20-6-1) should be mounted below or next to the G20-6 to indicate the direction of the detour.

Another color is authorized for use where two or more detours overlap.

(b) Placement. When used, the G20-6 sign should normally be mounted below or next to the Road Closed Sign (R11-2) or the Road Closed To Thru Traffic Sign (R11-4).



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
48" x 30"	4.6	6D	3.4	4D	14.8	10.3	15.9	0.6	0.8	B5-4830

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

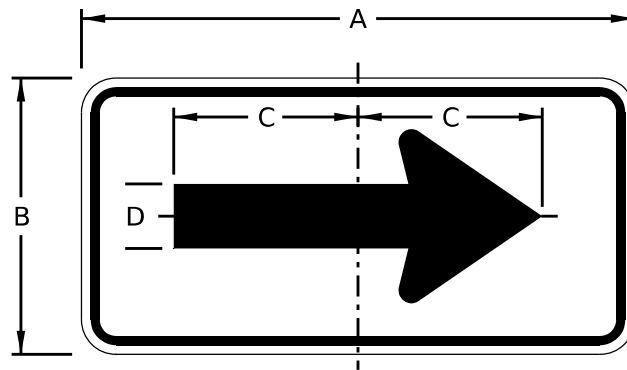
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# G20-6-1

## RED ARROW SIGN

(a) Justification. The Red Arrow Sign (G20-6-1) may be used to mark a detour where the Detour Follow Red Arrow Sign (G20-6) is used. Another color is authorized where two or more detours overlap.

(b) Placement. This sign shall be mounted below or next to the word "FOLLOW" on the G20-6 sign and below the Detour Sign (G20-6-2) to indicate the direction of the detour.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	8.0	2.8	0.4	0.4	B5-2412

COLOR:

LEGEND AND BORDER:  
RED (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

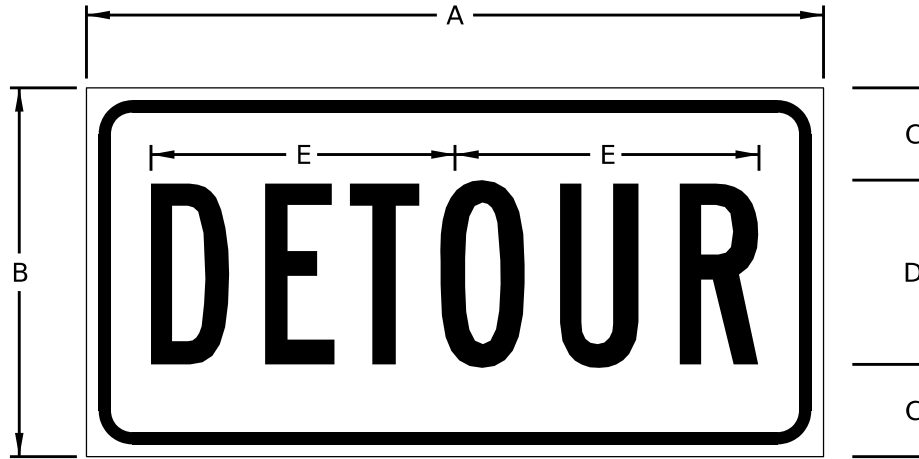
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# G20-6-2

## DETOUR SIGN

The Detour Sign (G20-6-2) may be used to mark a detour where the Detour Follow Red Arrow Sign (G20-6) is used. Another color is authorized where two or more detours overlap.

The G20-6-2 sign shall be mounted above the Red Arrow Sign (G20-6-1) to indicate the direction of the detour.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.0	6.0	9.9	0.4	0.4	B5-2412

COLOR:

LEGEND AND BORDER:  
RED (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

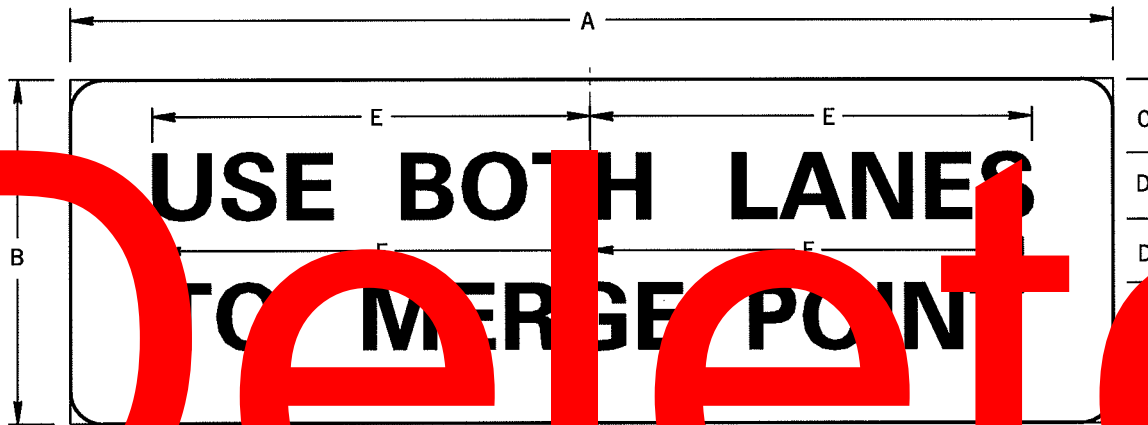
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# G70-1

## USE BOTH LANES TO MERGE POINT SIGN

The Use Both Lanes to Merge Point Sign (G70-1) may be used in advance of a temporary lane closure on a freeway, expressway or other multilane highway to inform drivers that they may approach the merge point in either lane. The sign is used in areas where significant queues are anticipated to occur at frequent intervals. When used, it should generally be positioned in advance of the maximum expected queue. This sign is always used in combination with the Merge Here Take Your Turn Sign (G70-2).



DIMENSIONS - IN					
SIGN SIZE A x B	C	D	E	F	BOR- DER
132" x 42"	9	8E	53.7	51.7	1.2

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

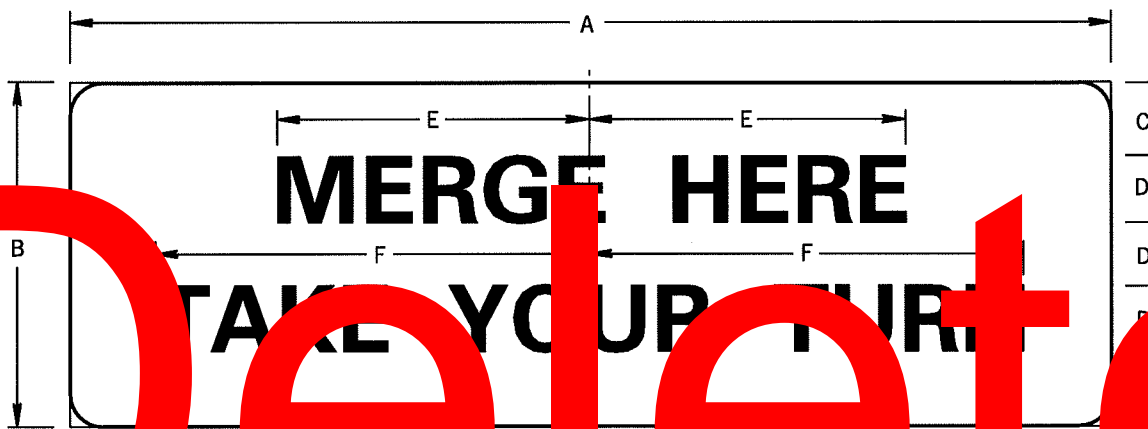
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Sh C Rome Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

## G70-2

### MERGE HERE TAKE YOUR TURN SIGN

The Merge Here Take Your Turn Sign (G70-2) may be used at the point of a temporary lane closure on a freeway, expressway or other multilane highway where drivers are expected to merge into a single lane. This sign is always used in combination with the Use Both Lanes to Merge Point Sign (G70-1).



DIMENSIONS - IN					
SIGN SIZE A x B	C	D	E	F	BOR- DER
132" x 42"	9	8E	38.7	54.1	1.2

#### COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

#### APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Sen C. Rowe Date : 02-29-12  
Chief, Traffic Engineering and Permits Section  
Bureau of Maintenance and Operations

# G80-1

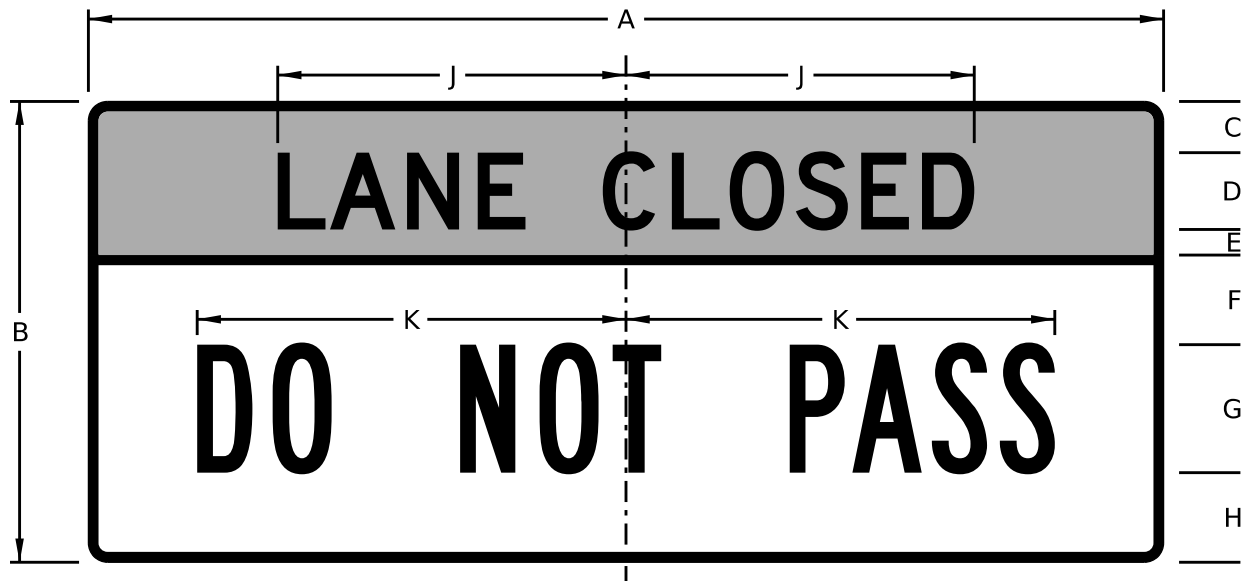
## LANE CLOSED DO NOT PASS SIGN

The Lane Closed Do Not Pass Sign (G80-1) may be used in conjunction with mobile operations on conventional highways that occupy the only available travel lane in a particular direction. It may also be used in conjunction with mobile operations on freeways and expressways that occupy all available travel lanes in a particular direction.

On conventional highways, place the sign on the back of the first shadow vehicle a motorist will encounter while approaching the operation. On freeways and expressways, place the sign on the back of the first shadow vehicle in each lane that motorist will encounter while approaching the operation.

The 48"x24" or the 84"x36" size may be used for operations taking place on conventional highways.

The 84"x36" sign may be used for operations taking place on freeways and expressways.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
48" x 24"	2.0	5C	1.0	5.0	6C	5.0	18.8	22.2	-	0.6	B5-4824
84" x 36"	4.0	6D	2.0	7.0	10B	7.0	27.2	33.5	-	0.8	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

TOP BACKGROUND:  
ORANGE (REFLECTORIZED)

BOTTOM BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date :XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

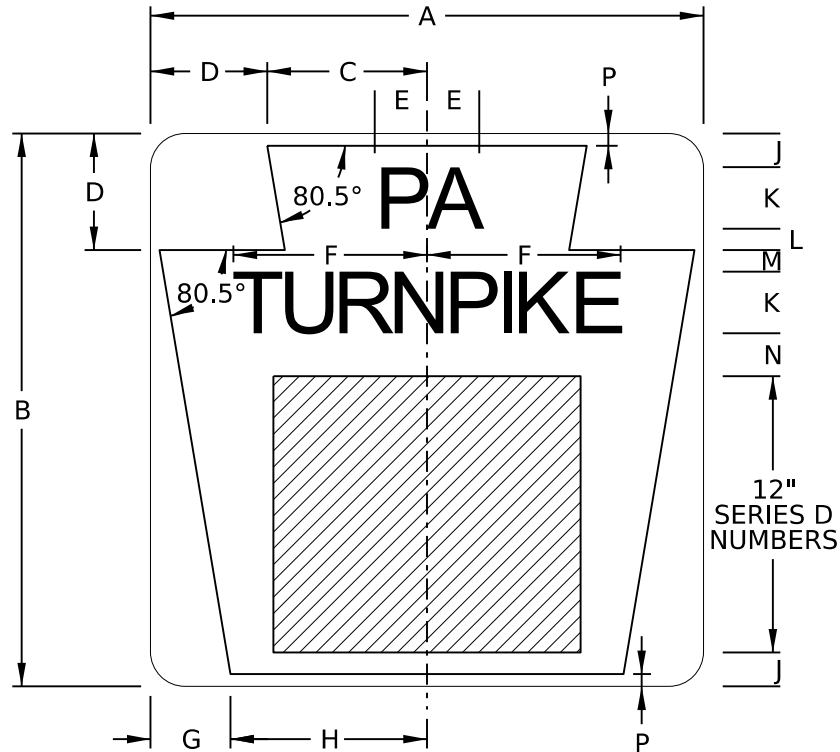


# M1-5A

## PENNSYLVANIA TURNPIKE MARKER

The Pennsylvania Turnpike Marker (M1-5A) shall be authorized for use to mark Pennsylvania Turnpike traffic routes. This sign is for use with Pennsylvania Route designations only. The Toll Plaque (W16-17P) shall be used with M1-5A to indicate the traffic route is a toll road.

The standard size shall be 36" x 36" for one and two digit route numbers and 45" x 36" for three digit route numbers.



DIMENSIONS - IN															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	6.9	5.1	2.3	8.4	3.5	8.5	1.4	2.7D	0.9	1.0	1.9	0.5	-	-	B3-24
36" x 36"	10.4	7.6	3.4	12.6	5.2	12.8	2.2	4D	1.3	1.5	2.8	0.8	-	-	B3-36
45" x 36"	14.9	7.6	3.4	12.6	5.2	17.3	2.2	4D	1.3	1.5	2.8	0.8	-	-	B5-4536

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

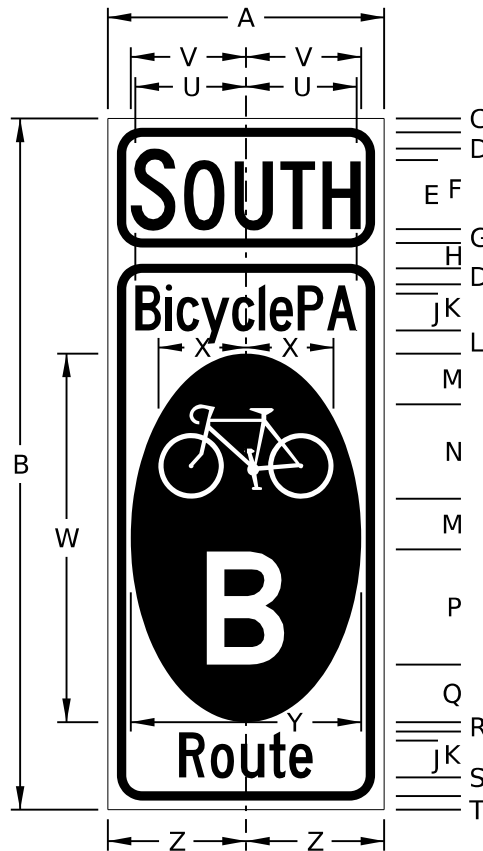
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# M1-8A-1

## BICYCLEPA ROUTE MARKER

The BicyclePA Route Marker (M1-8A-1) shall be authorized for use to mark BicyclePA Routes that are designated and approved by the Department.

The M1-8A-1 marker will show the appropriate cardinal direction, e.g. NORTH, SOUTH, EAST or WEST, or JCT or END in the top panel. END shall be used only when route terminates at any location other than the state border. The bottom panel shall display the official route designation. Route designations are alphabet letters, e.g., A, B. Spur routes off the main route shall have an alphanumeric designation, e.g., A1, B1.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q
12" x 30"	0.6	0.7	3C	3.5C	0.6	1.1	1.6	2C	1.0	2.2	4.1	5D	2.5

DIMENSIONS - IN												
SIGN SIZE A x B	R	S	T	U	V	W	X	Y	Z	MAR- GIN	BOR- DER	BLANK STD.
12" x 30"	0.4	0.8	0.6	4.8	5.0	16.0	3.8	10.0	2.9	0.4	0.4	-----

COLOR:

LEGEND, BORDER AND OVAL:  
GREEN (REFLECTORIZED)

BACKGROUND, SYMBOL AND  
ROUTE NUMBER:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

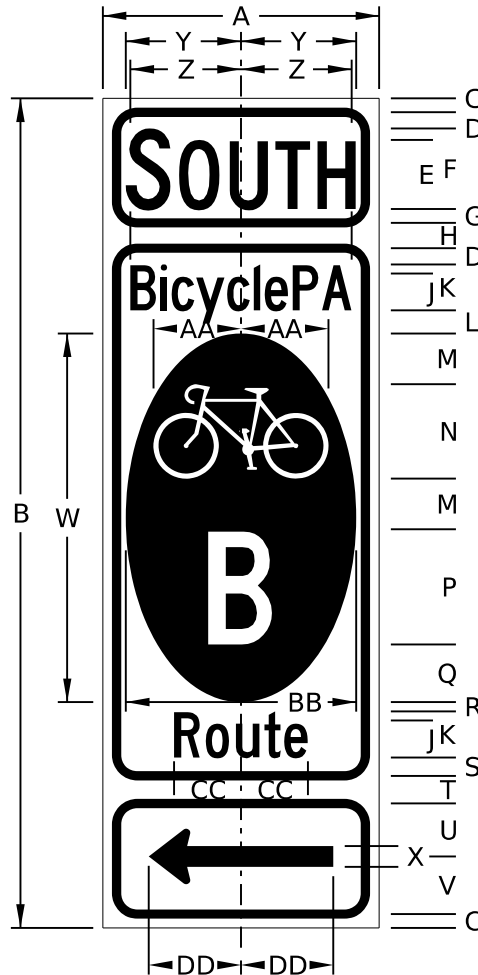
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# M1-8A-2

## BICYCLEPA ROUTE MARKER TURN ASSEMBLY

The BicyclePA Route Marker Turn Assembly (M1-8A-2) shall be authorized for use on BicyclePA Routes that are designated and approved by the Department.

The M1-8A-2 marker will show the appropriate cardinal direction, e.g. NORTH, SOUTH, EAST or WEST in the topmost panel. The middle panel shall display the official route designation. Route designations are alphabet letters, e.g., A,B. Spur routes off the main route shall have an alphanumeric designation, e.g., A1, B1. The lower panel shall display the proper turn arrow or advance turn arrow.



DIMENSIONS - IN															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
12" x 36"	0.6	0.7	3C	3.5C	0.6	1.1	1.6C	2C	1.0	2.2	4.1	5D	2.5	0.4	0.8

DIMENSIONS - IN														
SIGN SIZE A x B	T	U	V	W	X	Y	Z	AA	BB	CC	DD	MAR- GIN	BOR- DER	BLANK STD.
12" x 36"	1.2	2.3	2.5	16.0	0.9	5.0	4.8	3.8	10.0	2.9	4.2	0.4	0.4	B5-1236

COLOR:

LEGEND, BORDER, ARROW  
AND OVAL:  
GREEN (REFLECTORIZED)

BACKGROUND, SYMBOL AND  
ROUTE NUMBER:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

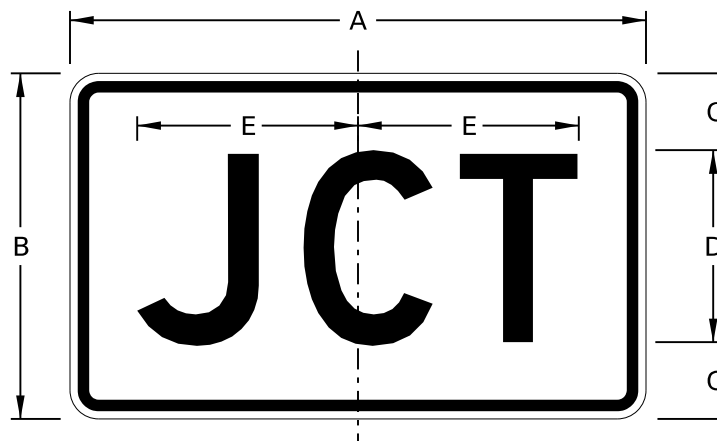
# M2-1P

## JUNCTION MARKER

(a) Justification. The Junction Marker (M2-1P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) in advance of an intersection with the U.S. or Pennsylvania traffic route.

(b) Placement. The M2-1P shall be placed above the route marker.

(c) Size. The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	3.0	9C*	8.6	0.4	0.6	B5-2115
30" x 18"	4.0	10D*	11.5	0.4	0.6	B5-3018

\*INCREASE SPACING 10%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

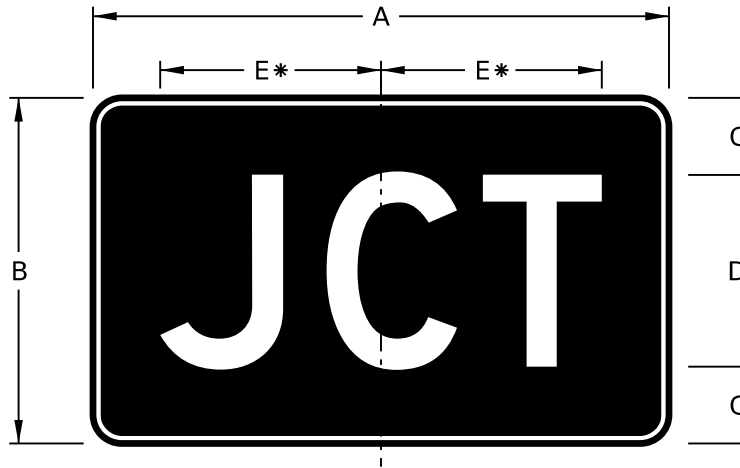
# M2-1P-1

## INTERSTATE JUNCTION MARKER

The Interstate Junction Marker (M2-1P-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) in advance of an intersection with an Interstate traffic route.

The M2-1P-1 shall be placed above the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	3.0	9C	8.6*	0.4	0.6	B5-2115
30" x 18"	4.0	10D	11.5*	0.4	0.6	B5-3018

\*INCREASE SPACING 10%

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

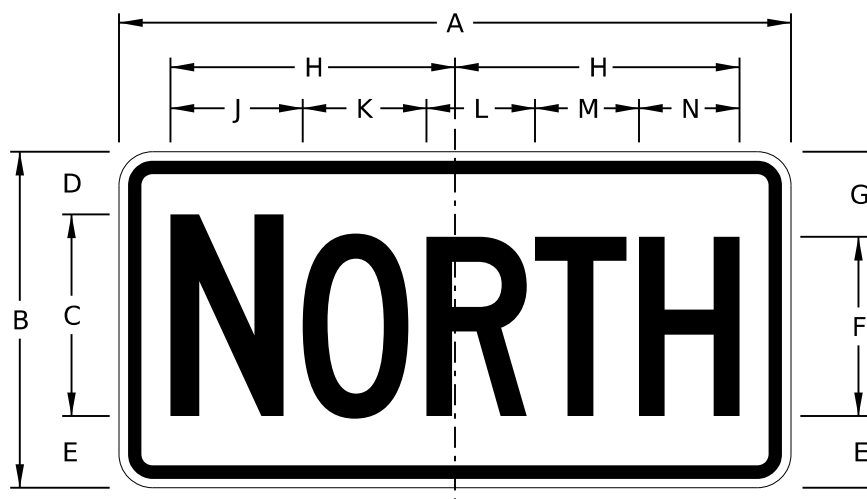
# M3-1P

## NORTH MARKER

The North Marker (M3-1P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) to indicate the general direction of the entire route.

The M3-1P marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	9.8	4.6	4.2	3.9	3.6	3.3	0.4	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	12.7	5.8	5.5	5.1	4.7	4.4	0.4	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

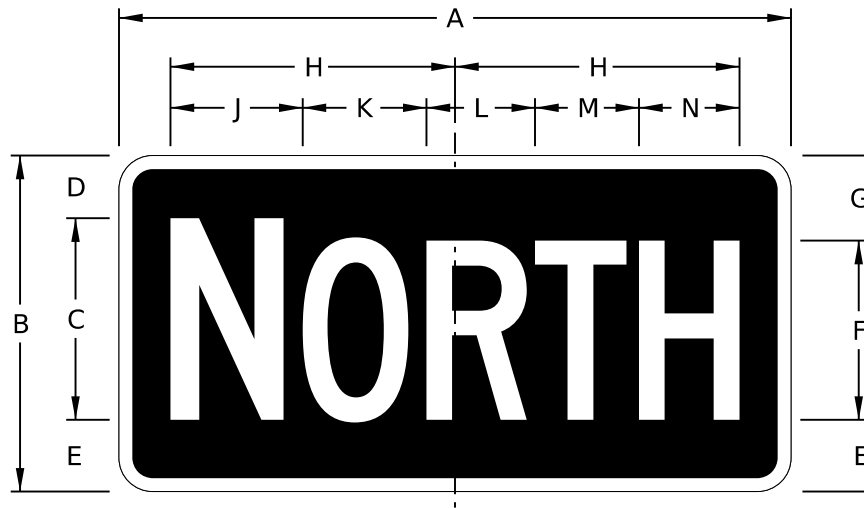
# M3-1P-1

## INTERSTATE NORTH MARKER

The Interstate North Marker (M3-1P-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) to indicate the general direction of the entire route.

The M3-1P-1 marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	9.8	4.6	4.2	3.9	3.6	3.3	-	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	12.7	5.8	5.5	5.1	4.7	4.4	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (NON-REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

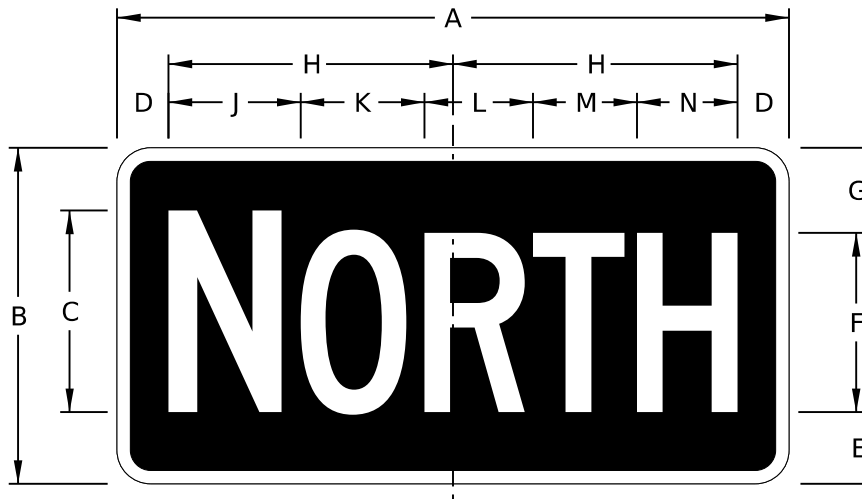
# M3-1P-2

## INTERSTATE BUSINESS NORTH MARKER

The Interstate Business North Marker (M3-1P-2) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2) and Pennsylvania Turnpike Marker Sign (M1-5A) to indicate the general direction of the entire route.

The M3-1P-2 marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	9.8	4.6	4.2	3.9	3.6	3.3	-	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	12.7	5.8	5.5	5.1	4.7	4.4	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



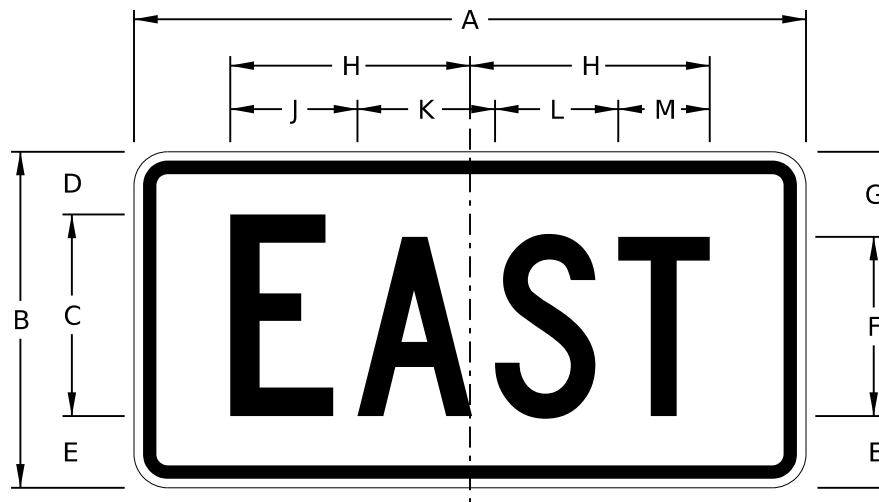
# M3-2P

## EAST MARKER

The East Marker (M3-2P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) to indicate the general direction of the entire route.

The M3-2P marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	8.2	4.2	4.8	4.3	3.0	0.4	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	10.7	5.4	6.3	5.7	4.0	0.4	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

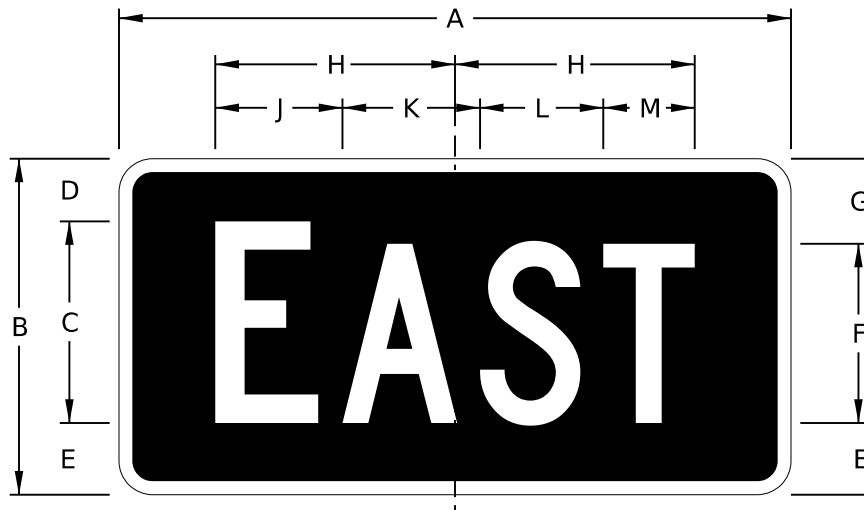
# M3-2P-1

## INTERSTATE EAST MARKER

The Interstate East Marker (M3-2P-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) to indicate the general direction of the entire route.

The M3-2P-1 marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	8.2	4.2	4.8	4.3	3.0	-	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	10.7	5.4	6.3	5.7	4.0	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

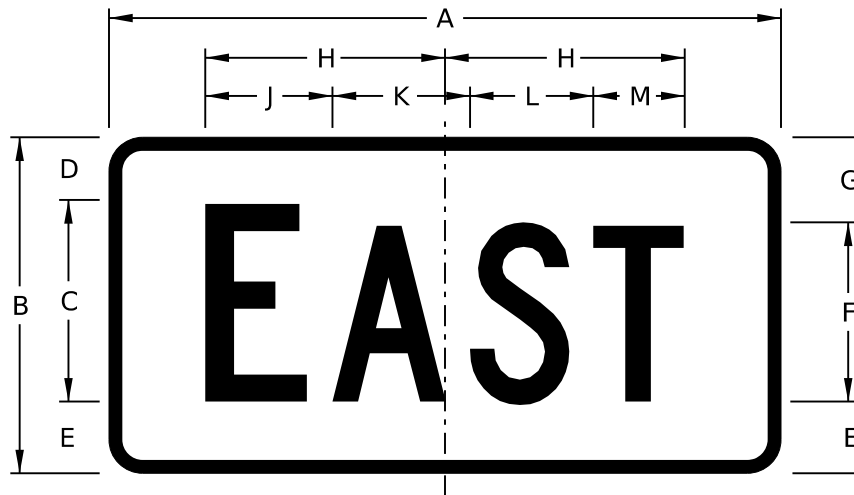
# M3-2P-2

## INTERSTATE BUSINESS EAST MARKER

The Interstate Business East Marker (M3-2P-2) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2) and Pennsylvania Turnpike Marker (M1-5A) to indicate the general direction of the entire route.

The M3-2P-2 marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	8.2	4.2	4.8	4.3	3.0	-	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	10.7	5.4	6.3	5.7	4.0	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

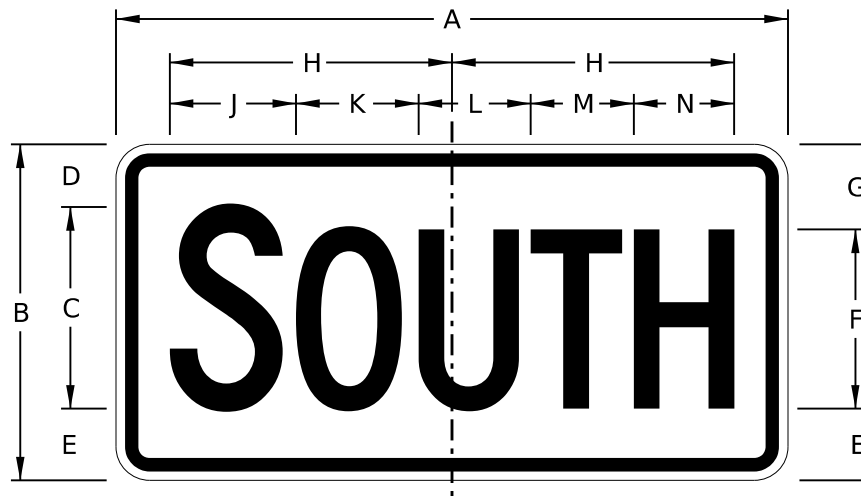
# M3-3P

## SOUTH MARKER

The South Marker (M3-3P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) to indicate the general direction of the entire route.

The M3-3P marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	9.6	4.5	4.1	3.8	3.5	3.3	0.4	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	12.6	5.6	5.5	5.1	4.7	4.4	0.4	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

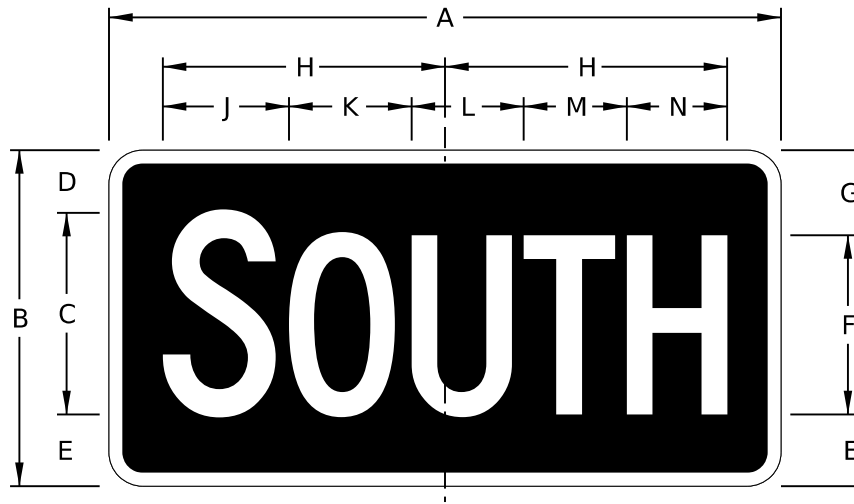
# M3-3P-1

## INTERSTATE SOUTH MARKER

The Interstate South Marker (M3-3P-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) to indicate the general direction of the entire route.

The M3-3P-1 marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	9.6	4.5	4.1	3.8	3.5	3.3	-	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	12.6	5.6	5.5	5.1	4.7	4.4	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

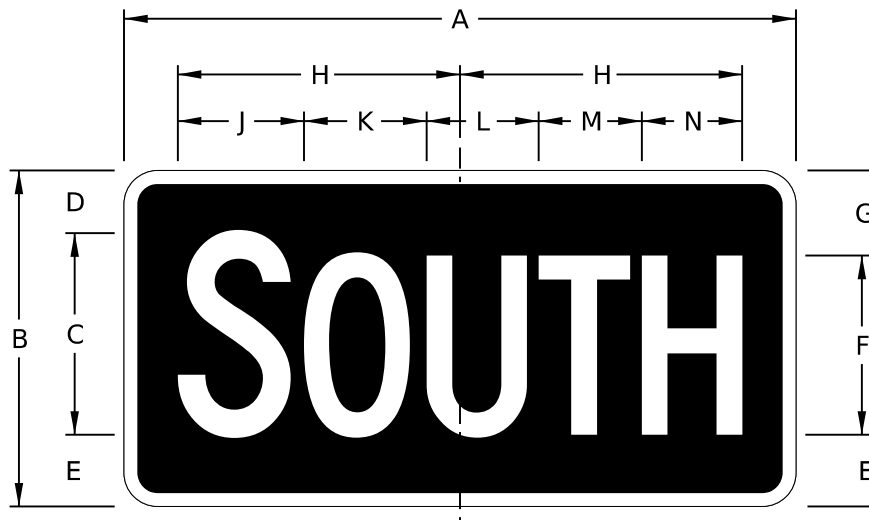
# M3-3P-2

## INTERSTATE BUSINESS SOUTH MARKER

The Interstate Business South Marker (M3-3P-2) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2) and Pennsylvania Turnpike Marker Sign (M1-5A) to indicate the general direction of the entire route.

The M3-3P-2 marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	9.6	4.5	4.1	3.8	3.5	3.3	-	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	12.6	5.6	5.5	5.1	4.7	4.4	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

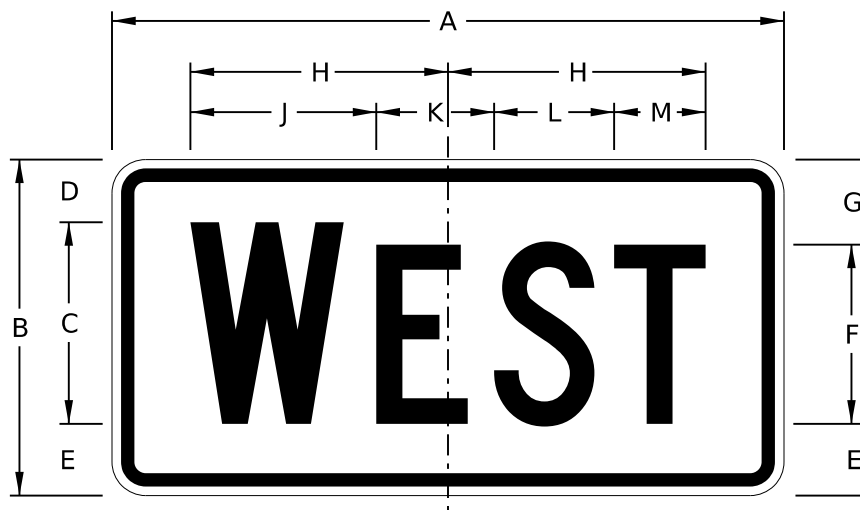
# M3-4P

## WEST MARKER

The West Marker (M3-4P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) to indicate the general direction of the entire route.

The M3-4P marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	8.8	6.3	4.0	4.3	3.0	0.4	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	11.5	8.0	5.3	5.7	4.0	0.4	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

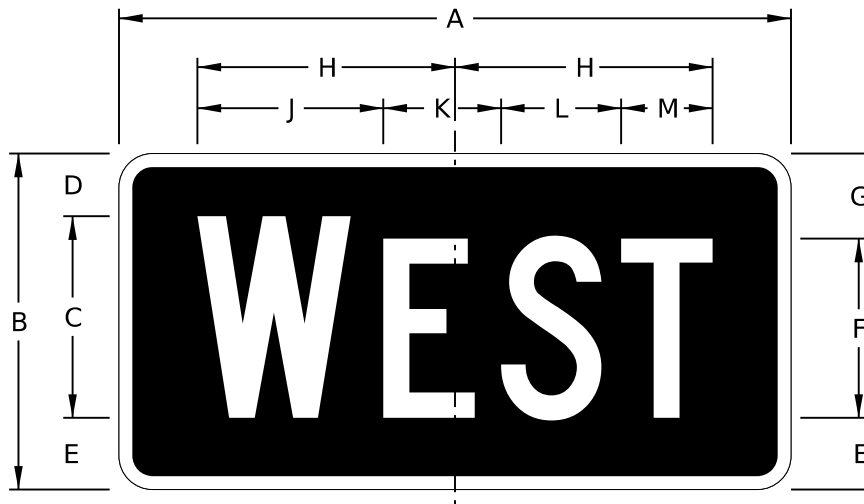
# M3-4P-1

## INTERSTATE WEST MARKER

The Interstate West Marker (M3-4P-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) to indicate general direction of the entire route.

The M3-4P-1 marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	8.8	6.3	4.0	4.3	3.0	-	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	11.5	8.0	5.3	5.7	4.0	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



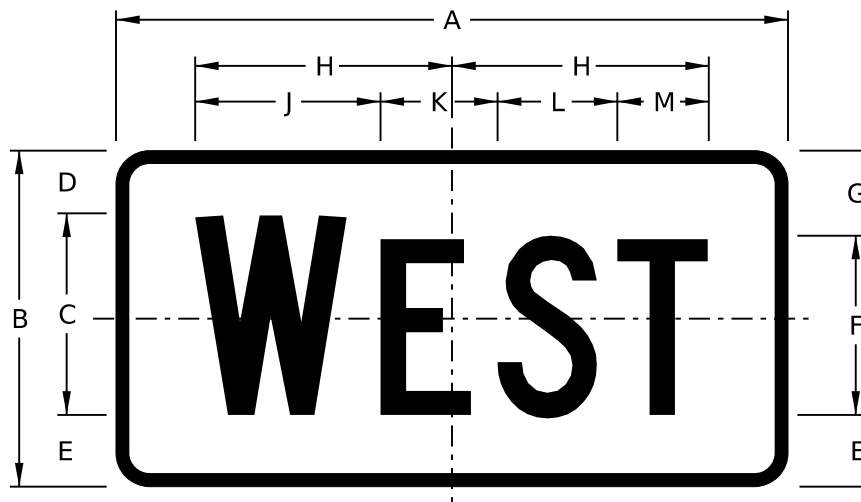
# M3-4P-2

## INTERSTATE BUSINESS WEST MARKER

The Interstate Business West Marker (M3-4P-2) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2) and Pennsylvania Turnpike Marker (M1-5A) to indicate general direction of the entire route.

The M3-4P-2 marker shall be placed directly above the route marker.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	7C	2.2	2.8	6C	3.2	8.8	6.3	4.0	4.3	3.0	-	0.6	B5-2412
30" x 15"	9C	2.8	3.2	8C	3.8	11.5	8.0	5.3	5.7	4.0	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

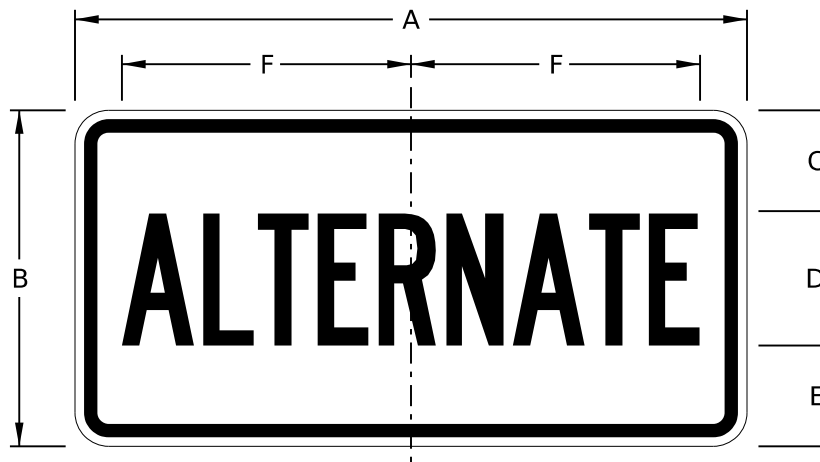
# M4-1P

## ALTERNATE MARKER

(a) Justification. The Alternate Marker (M4-1P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) and the Pennsylvania Route Marker (M1-5) to indicate an officially designated alternate routing of a numbered route between two points on that route.

(b) Placement. The M4-1P shall be placed above the route marker.

(c) Size. The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	4.0	4B	4.0	9.6	0.4	0.6	B5-2412
30" x 15"	4.5	6B*	4.5	12.9	0.4	0.6	B5-3015

\*REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

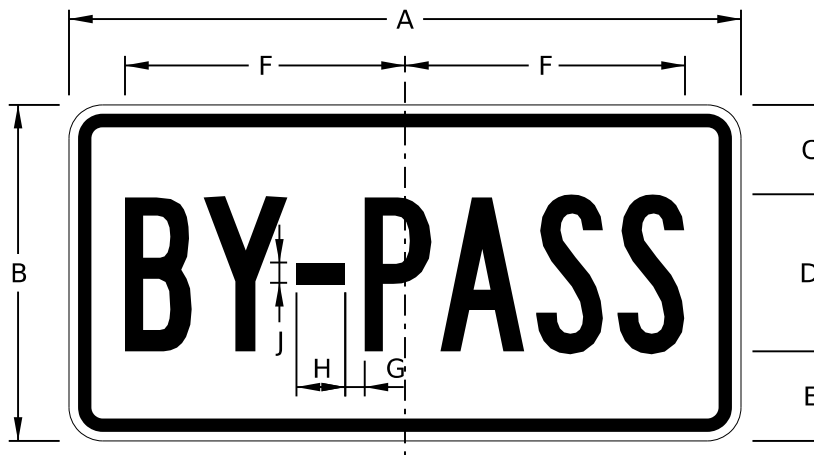
# M4-2P

## BY-PASS MARKER

(a) Justification. The By-Pass Marker (M4-2P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) and the Pennsylvania Route Marker (M1-5) to designate an alternate route that branches from the regular numbered route through a city, bypasses a part of the city or congested area, and rejoins the regular numbered route beyond the city.

(b) Placement. The M4-2P shall be placed above the route marker.

(c) Size. The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.6	5B	3.4	9.5	0.8	0.8	0.6	0.4	0.6	B5-2412
30" x 15"	4.0	7B*	4.0	12.5	1.1	1.0	0.9	0.4	0.6	B5-3015

\*REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

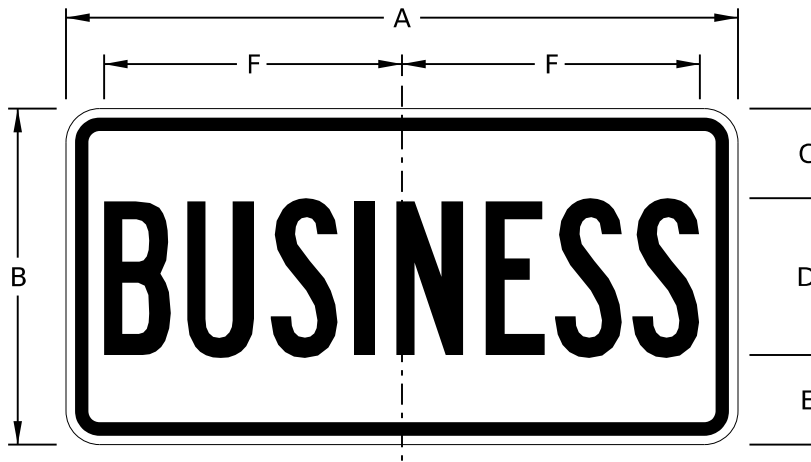
# M4-3P

## BUSINESS MARKER

(a) Justification. The Business Marker (M4-3P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) and the Pennsylvania Route Marker (M1-5) to designate an alternate route that branches from the regular numbered route, passes through the business portion of a city, and rejoins the regular numbered route beyond the city.

(b) Placement. The M4-3P shall be placed above the route marker.

(c) Size. The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.6	5B	3.4	9.4	0.4	0.6	B5-2412
30" x 15"	4.0	7B*	4.0	13.3	0.4	0.6	B5-3015

\*REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

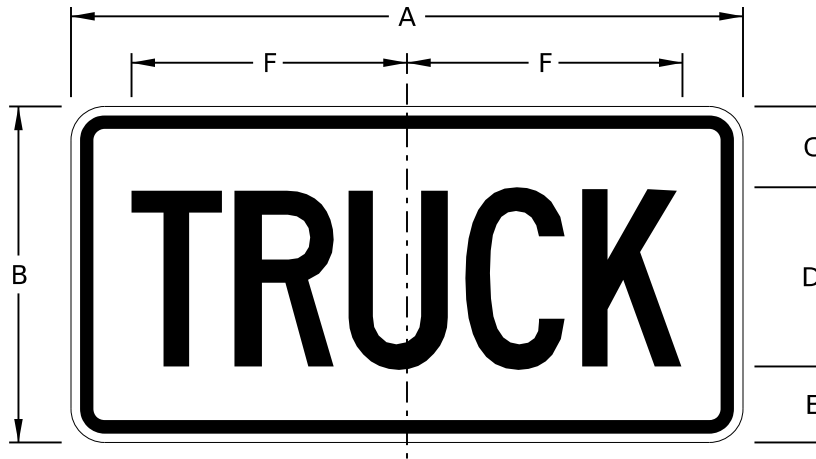
# M4-4P

## TRUCK MARKER

(a) Justification. The Truck Marker (M4-4P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) and the Pennsylvania Route Marker (M1-5) to designate an alternate route that branches from the regular numbered route, bypasses an area which is congested or where height or weight limitations have been officially established, and rejoins the regular numbered route beyond that area.

(b) Placement. The M4-4P shall be placed above the route marker.

(c) Size. The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" markers.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.0	6C*	3.0	9.8	0.4	0.6	B5-2412
30" x 15"	3.6	8C**	3.4	12.3	0.4	0.6	B5-3015

\*REDUCE SPACING 25%

\*\*REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

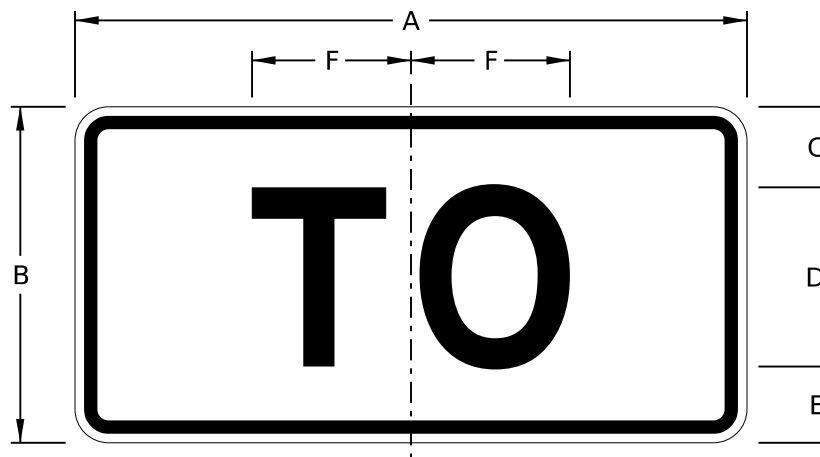
# M4-5P

## TO MARKER

(a) Justification. The To Marker (M4-5P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) and the Pennsylvania Route Marker (M1-5) to provide directional guidance to a particular road facility from other highways in the vicinity. The use of the M4-5P indicates that the road or street where the marker is placed is not a part of the indicated route but merely indicates the direction to the nearest or most convenient point of access to the route.

(b) Placement. The M4-5P shall be placed above the route marker. If a Cardinal Direction sign is also included in the assembly, the M4-5P shall be mounted directly above the Cardinal Direction sign.

(c) Size. The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.0	6E	3.0	5.4	0.4	0.6	B5-2412
30" x 15"	3.6	8E	3.4	7.1	0.4	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

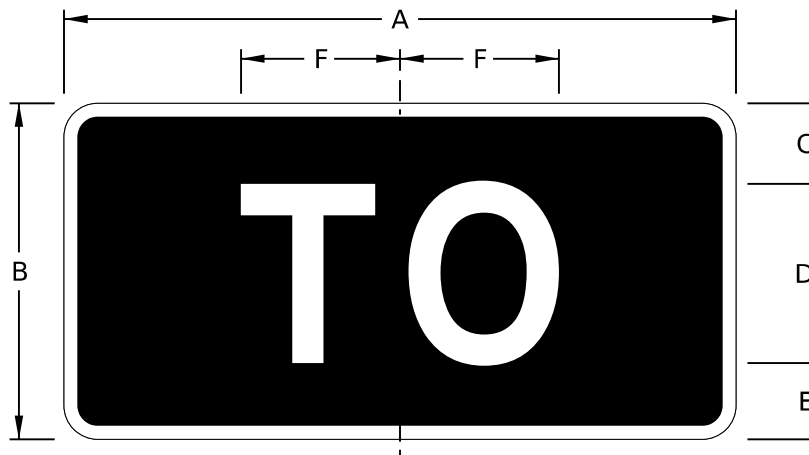
# M4-5P-1

## INTERSTATE TO MARKER

The Interstate To Marker (M4-5P-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) to provide directional guidance to a particular road facility from other highways in the vicinity. The use of the M4-5P-1 marker indicates that the road or street where the marker is placed is not a part of the indicated route but merely indicates the direction to the nearest or most convenient point of access to the route.

The M4-5P-1 marker shall be placed directly above the route marker. If a Cardinal Direction sign is also included in the assembly, the M4-5P-1 shall be mounted directly above the Cardinal Direction sign.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.0	6E	3.0	5.4	-	0.6	B5-2412
30" x 15"	3.6	8E	3.4	7.1	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

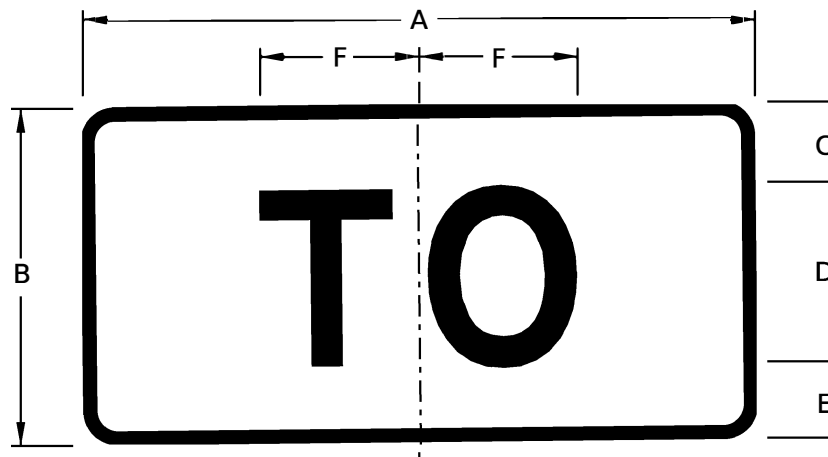
# M4-5P-2

## TURNPIKE TO MARKER

The Turnpike To Marker (M4-5P-2) shall be authorized for use in conjunction with the Pennsylvania Turnpike Marker (M1-5A) to provide directional guidance to the turnpike from other highways in the vicinity. The use of the M4-5P-2 marker indicates that the road or street where the marker is placed is not a part of the indicated route but merely indicates the direction to the nearest or most convenient point of access to the route.

The M4-5P-2 marker shall be placed directly above the route marker. If a Cardinal Direction sign is also included in the assembly, the M4-5P-2 shall be mounted directly above the Cardinal Direction sign.

The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.0	6E	3.0	5.4	-	0.6	B5-2412
30" x 15"	3.6	8E	3.4	7.1	-	0.6	B5-2015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



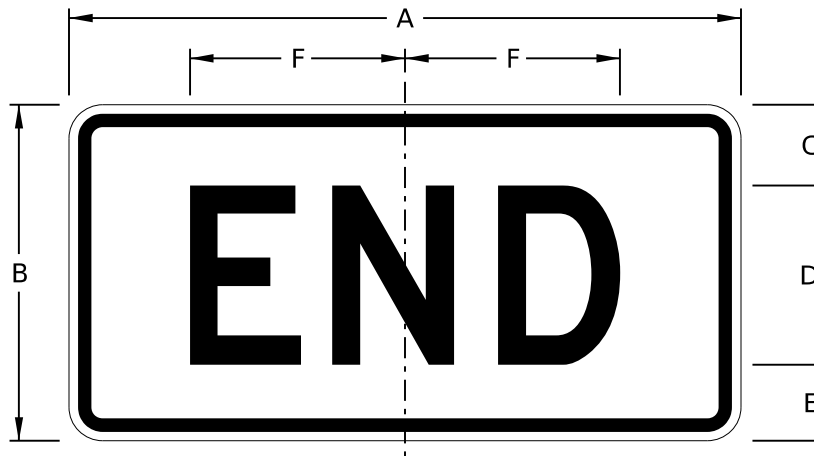
# M4-6P

## END MARKER

(a) Justification. The End Marker (M4-6P) shall be authorized for use in conjunction with a route marker where the route being traveled ends at a junction with another route.

(b) Placement. The M4-6P shall be placed above the route marker designating the route being terminated.

(c) Size. The 24" x 12" size shall be used with the 24" x 24" and the 30" x 15" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.0	6D	3.0	7.1	0.4	0.6	B5-2412
30" x 15"	3.6	8D	3.4	9.6	0.4	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

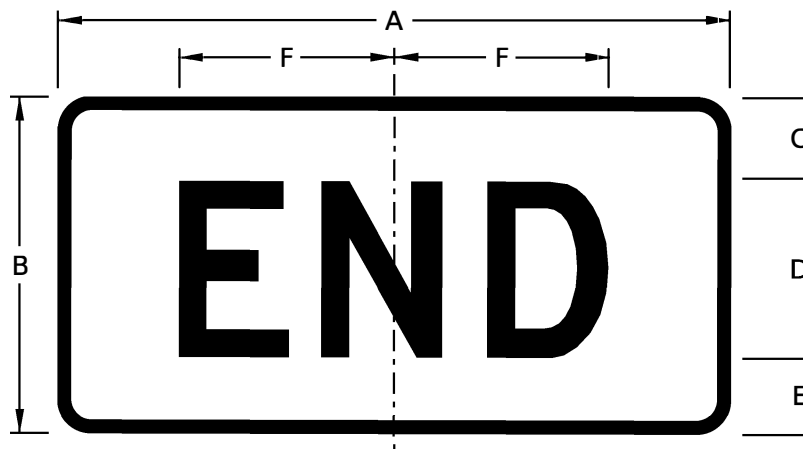
# M4-6P-1

## END MARKER (TURNPIKE)

The End Marker (Turnpike) (M4-6P-1) shall be authorized for use in conjunction with the Pennsylvania Turnpike Route Marker (M5-1A) where the route being traveled ends at a junction with another route.

The M4-6P-1 marker shall be placed above the Pennsylvania Turnpike Route Marker (M5-1A) designating the route being terminated.

The 24" x 12" size shall be used with the 24" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.0	6D	3.0	7.1	-	0.6	B5-2412
30" x 15"	3.6	8D	3.4	9.6	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

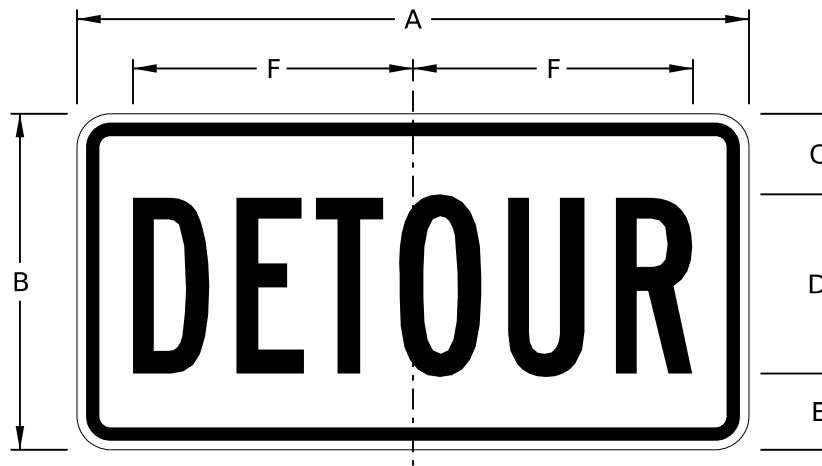
# M4-8P

## DETOUR MARKER

(a) Justification. The Detour Marker (M4-8P) shall be authorized for use in conjunction with a route marker to mark a temporary route that branches from a regular numbered route, bypasses a section of that route which is closed for construction or traffic emergency and rejoins the regular numbered route beyond that section.

(b) Placement. The M4-8P shall be placed above the route marker designating the route being detoured.

(c) Size. The 24" x 12" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 15" size shall be used with the 36" x 36" and the 45" x 36" route markers



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	3.0	6B*	3.0	9.4	0.4	0.6	B5-2412
30" x 15"	3.6	8B*	3.4	12.5	0.4	0.6	B5-3015

\*REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

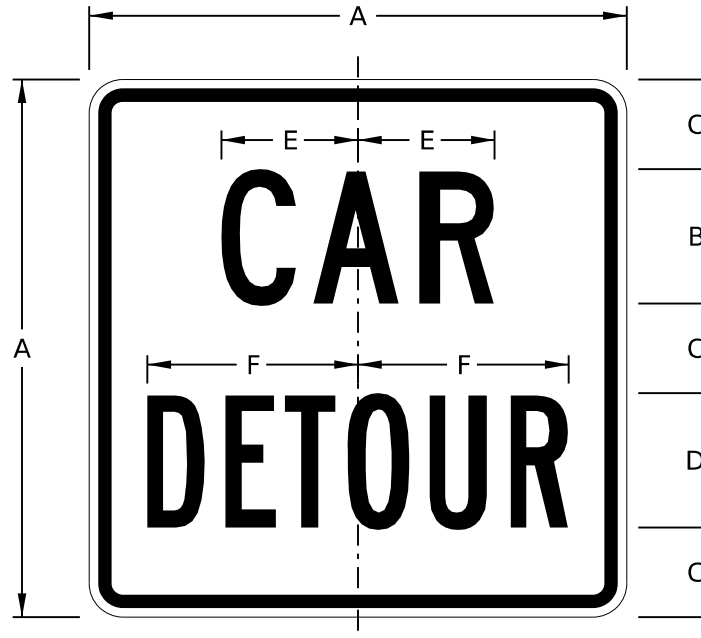
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# M4-8P-1

## CAR DETOUR MARKER

The Car Detour Marker (M4-8P-1) may be used above a route marker to identify a temporary numbered traffic route for cars when the normal traffic route is closed for construction or maintenance and the Truck Detour Marker (M4-8P-2) is also used on an alternate detour route. The marker may also be used for detours of unnumbered traffic routes if a directional arrow is used beneath or within the border of the M4-8P-1 marker. (The marker should be elongated if an arrow is used within the border.)



DIMENSIONS - IN								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	6C	4.0	6B*	6.1	9.4	0.4	0.6	-----

\* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

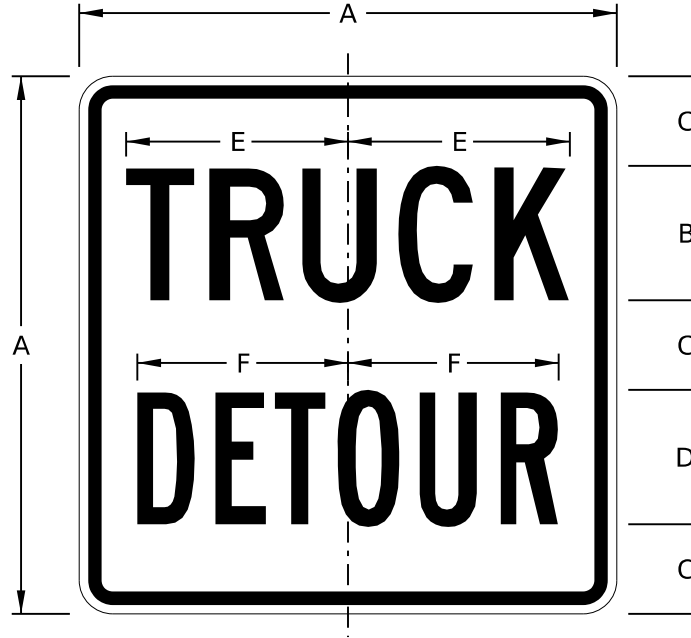
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# M4-8P-2

## TRUCK DETOUR MARKER

The Truck Detour Marker (M4-8P-2) may be used above a route marker to identify a temporary numbered traffic route for trucks when the normal traffic route is closed for construction or maintenance and the Car Detour Marker (M4-8P-1) is also used on an alternate detour route. The marker may also be used for detours of unnumbered traffic routes if a directional arrow is used beneath or within the border of the M4-8P-2 marker. (The marker should be elongated if an arrow is used within the border.)



DIMENSIONS - IN								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	6C*	4.0	6B*	9.9	9.4	0.4	0.6	-----

\*REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
ORANGE (REFLECTORIZED)

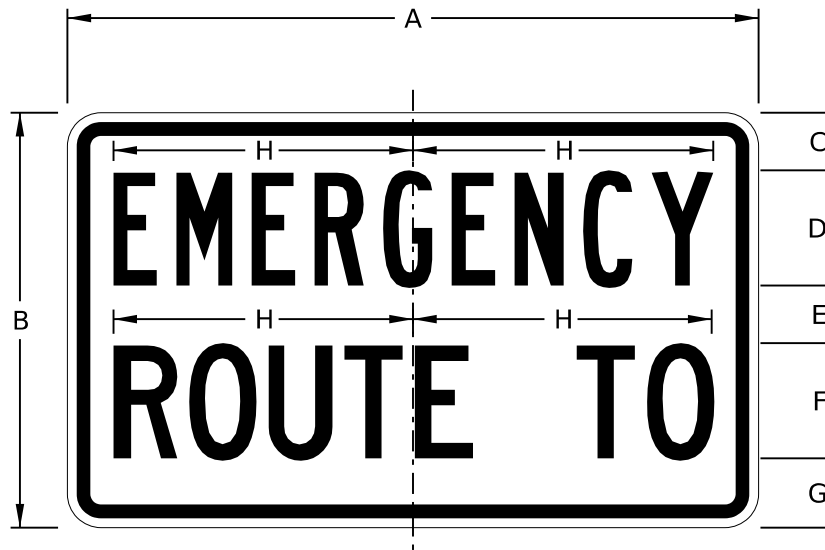
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# M4-11CP

## EMERGENCY ROUTE TO PLAQUE

The Emergency Route To Plaque (M4-11CP) may be added to the top of a conventional route assembly on a detour route to provide direction back to the original route downstream of the incident.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
30" x 18"	2.5	5B	2.5	5C	3.0	13.0	0.4	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

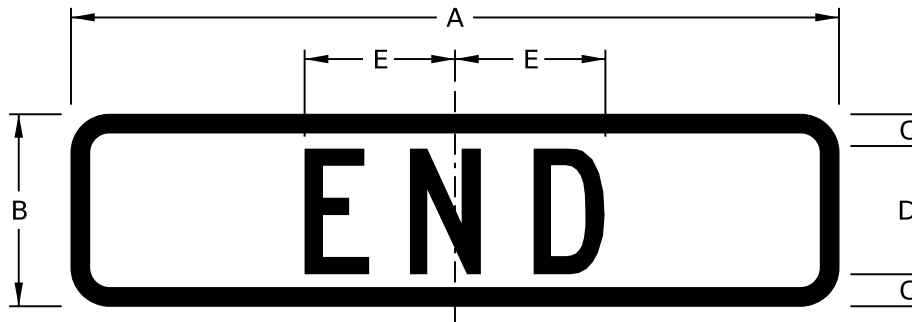
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# M4-101P

## END MARKER (SUPPLEMENTAL PLAQUE FOR BICYCLE ROUTE)

Where desired, supplemental plaques may be used with the Bicycle Route Sign (D11-1) to furnish additional information such as directional guidance. When used, the M4-101P sign should be mounted above the D11-1 sign, and the M7-1P through M7-7P signs should be mounted below the D11-1 sign. The mirror image of the M7-1P, M7-3P, M7-4P, M7-6P, and M7-7P signs are also authorized.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 6"	1.0	4C*	4.7	-	0.6	-----

\*INCREASE SPACING 100%

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

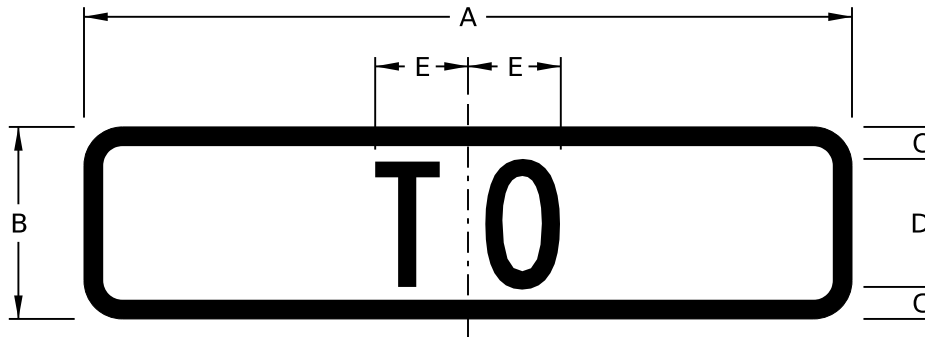
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# M4-102P

## TO MARKER (SUPPLEMENTAL PLAQUE FOR BICYCLE ROUTE)

Where desired, supplemental plaques may be used with the Bicycle Route Sign (D11-1) to furnish additional information such as directional guidance. When used, the M4-102P sign should be mounted above the D11-1 sign, and the M7-1P through M7-7P signs should be mounted below the D11-1 sign. The mirror image of the M7-1P, M7-3P, M7-4P, M7-6P, and M7-7P signs are also authorized.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 6"	1.0	4C*	2.9	-	0.6	-----

\*INCREASE SPACING 100%

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

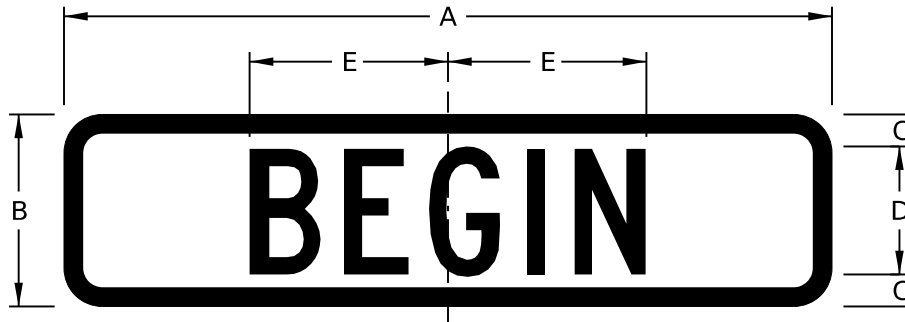
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# M4-103P

## BEGIN MARKER (SUPPLEMENTAL PLAQUE FOR BICYCLE ROUTE)

Where desired, supplemental plaques may be used with the Bicycle Route Sign (D11-1) to furnish additional information such as directional guidance. When used, the M4-103P sign should be mounted above the D11-1 sign, and the M7-1P through M7-7P signs should be mounted below the D11-1 sign. The mirror image of the M7-1P, M7-3P, M7-4P, M7-6P, and M7-7P signs are also authorized.



DIMENSIONS - IN					
SIGN SIZE A x B	C	D	E	BOR- DER	BLANK STD.
24" x 6"	1.0	4C	6.2	0.6	-----

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

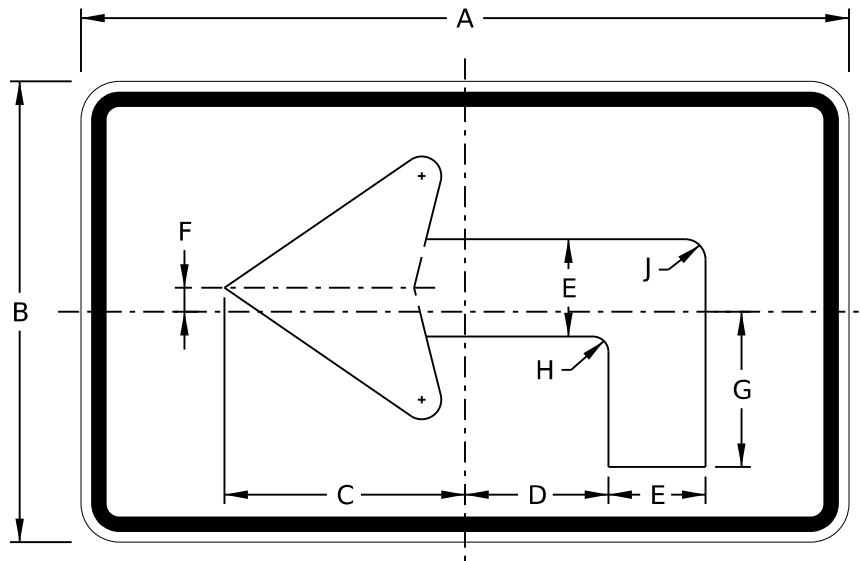
# M5-1PL

## ADVANCE 90 DEGREE LEFT TURN MARKER

The Advance 90 Degree Left Turn Marker (M5-1PL) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) in advance of a turn which must be made to follow the indicated route.

The M5-1PL marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	7.2	3.2	2.6	2.0	5.0	0.4	0.6	0.4	0.6	B5-2115
30" x 18"	10.4	4.6	3.8	1.0	6.0	0.6	0.8	0.4	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

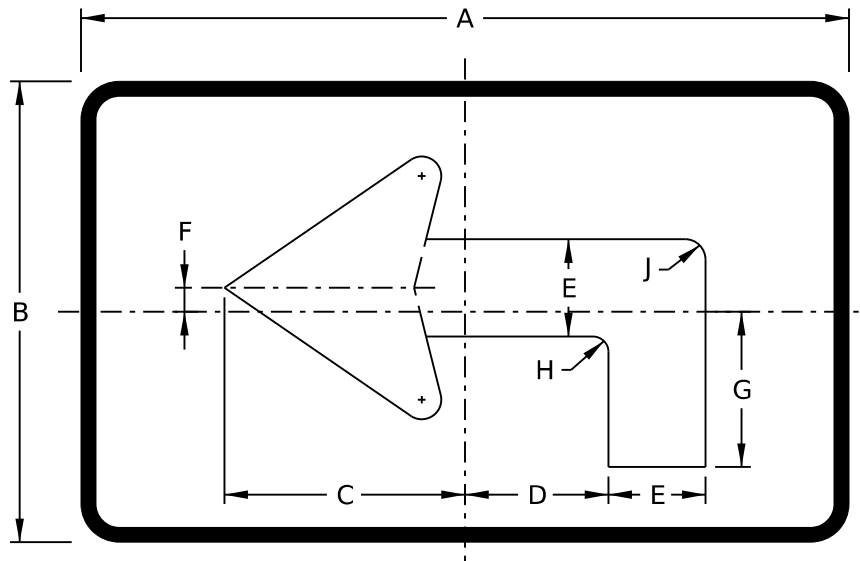
# M5-1P-1L

## INTERSTATE ADVANCE 90 DEGREE LEFT TURN MARKER

The Interstate Advance 90 Degree Left Turn Marker (M5-1P-1L) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) in advance of a turn which must be made to follow the indicated route.

The M5-1P-1L marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	7.2	3.2	2.6	2.0	5.0	0.4	0.6	-	0.6	B5-2115
30" x 18"	10.4	4.6	3.8	1.0	6.0	0.6	0.8	-	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

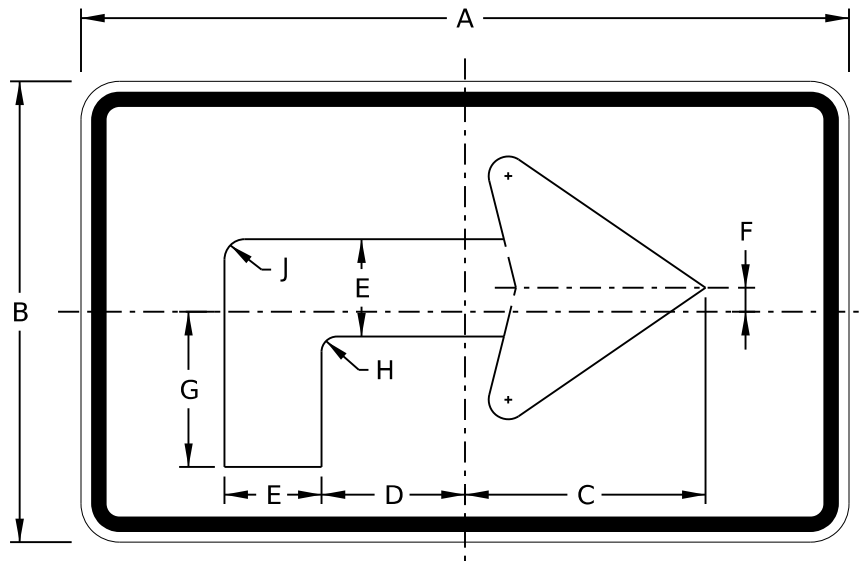
# M5-1PR

## ADVANCE 90 DEGREE RIGHT TURN MARKER

The Advance 90 Degree Right Turn Marker (M5-1PR) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) in advance of a turn which must be made to follow the indicated route.

The M5-1PR marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	7.2	3.2	2.6	2.0	5.0	0.4	0.6	0.4	0.6	B5-2115
30" x 18"	10.4	4.6	3.8	1.0	6.0	0.6	0.8	0.4	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

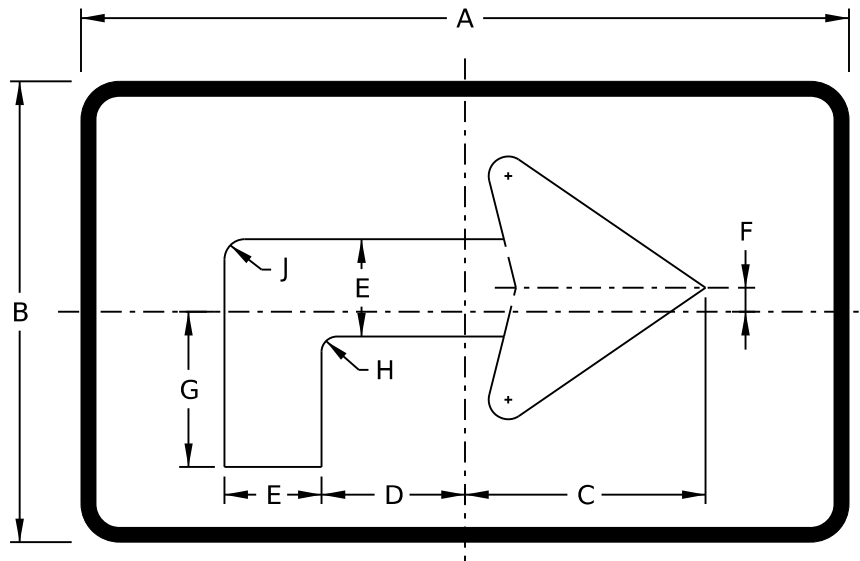
# M5-1P-1R

## INTERSTATE ADVANCE 90 DEGREE RIGHT TURN MARKER

The Interstate Advance 90 Degree Right Turn Marker (M5-1P-1R) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) in advance of a turn which must be made to follow the indicated route.

The M5-1P-1R marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	7.2	3.2	2.6	2.0	5.0	0.4	0.6	-	0.6	B5-2115
30" x 18"	10.4	4.6	3.8	1.0	6.0	0.6	0.8	-	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

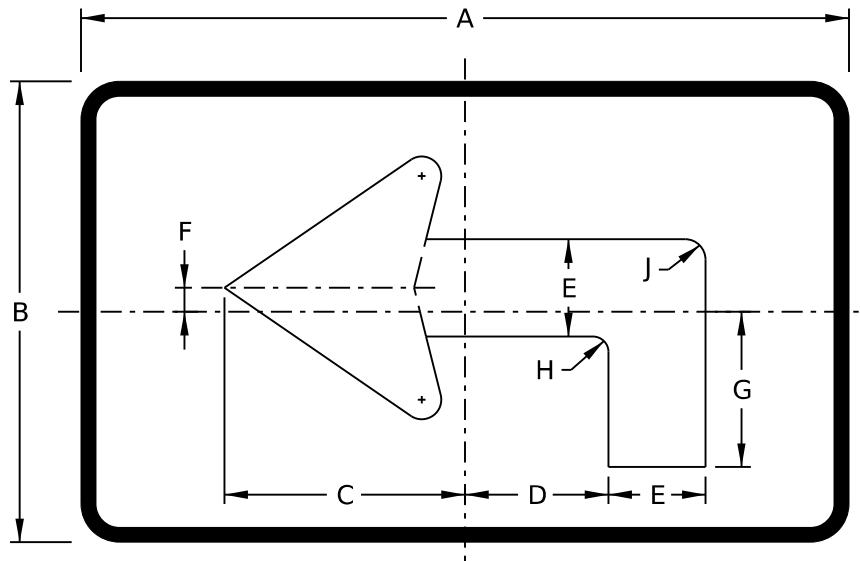
# M5-1P-2L

## BUSINESS/TURNPIKE ADVANCE 90 DEGREE LEFT TURN MARKER

The Business/Turnpike Advance 90 Degree Left Turn Marker (M5-1P-2L) shall be authorized for use in conjunction with the Interstate Business/Loop Sign (M1-2), Interstate Business Spur Sign (M1-3) and Pennsylvania Turnpike Marker (M1-5A) in advance of a turn which must be made to follow the indicated route.

The M5-1P-2L marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	7.2	3.2	2.6	2.0	5.0	0.4	0.6	-	0.6	B5-2115
30" x 18"	10.4	4.6	3.8	1.0	6.0	0.6	0.8	-	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

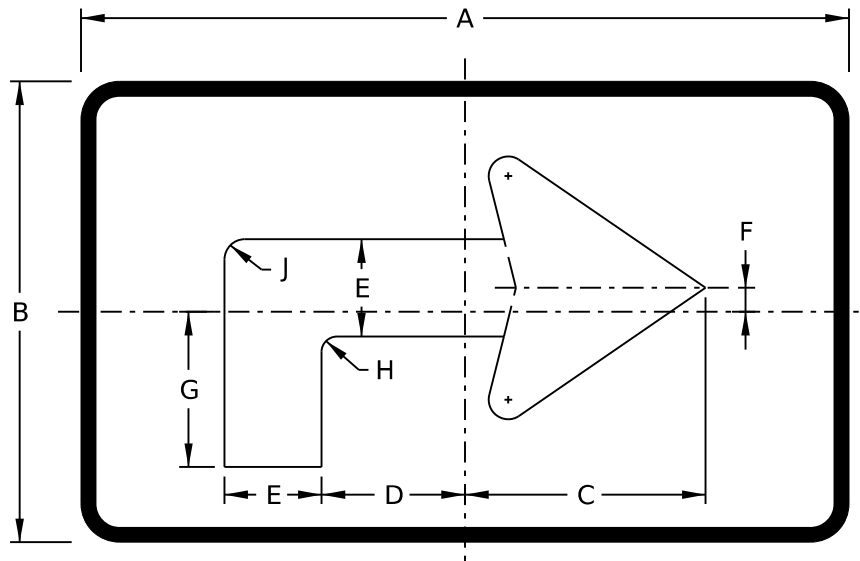
# M5-1P-2R

## BUSINESS/TURNPIKE ADVANCE 90 DEGREE RIGHT TURN MARKER

The Business/Turnpike Advance 90 Degree Right Turn Marker (M5-1P-2R) shall be authorized for use in conjunction with the Interstate/Business Loop Sign (M1-2), Interstate Business Spur Sign (M1-3) and Pennsylvania Turnpike Marker (M1-5A) in advance of a turn which must be made to follow the indicated route.

The M5-1P-2R marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	7.2	3.2	2.6	2.0	5.0	0.4	0.6	-	0.6	B5-2115
30" x 18"	10.4	4.6	3.8	1.0	6.0	0.6	0.8	-	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

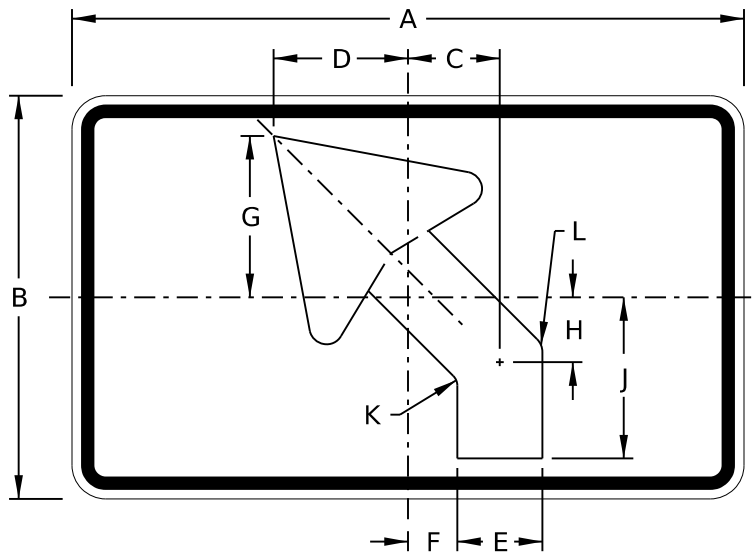
# M5-2PL

## ADVANCE 45 DEGREE LEFT TURN MARKER

The Advance 45 Degree Left Turn Marker (M5-2PL) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) in advance of a turn which must be made to follow the indicated route.

The M5-2PL marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	2.4	4.4	2.6	1.1	4.8	0.8	5.4	0.4	0.6	0.4	0.6	B5-2115
30" x 18"	4.2	6.2	3.8	2.3	5.8	1.2	6.4	0.6	0.8	0.4	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



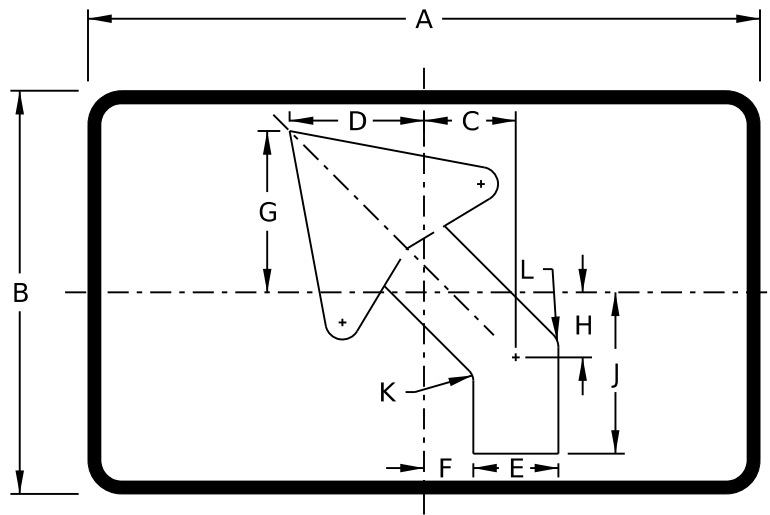
# M5-2P-1L

## INTERSTATE ADVANCE 45 DEGREE LEFT TURN MARKER

The Interstate Advance 45 Degree Left Turn Marker (M5-2P-1L) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) in advance of a turn which must be made to follow the indicated route.

The M5-2P-1L marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	2.4	4.4	2.6	1.1	4.8	0.8	5.4	0.4	0.6	-	0.6	B5-2115
30" x 18"	4.2	6.2	3.8	2.3	5.8	1.2	6.4	0.6	0.8	-	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : 08-29-12  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

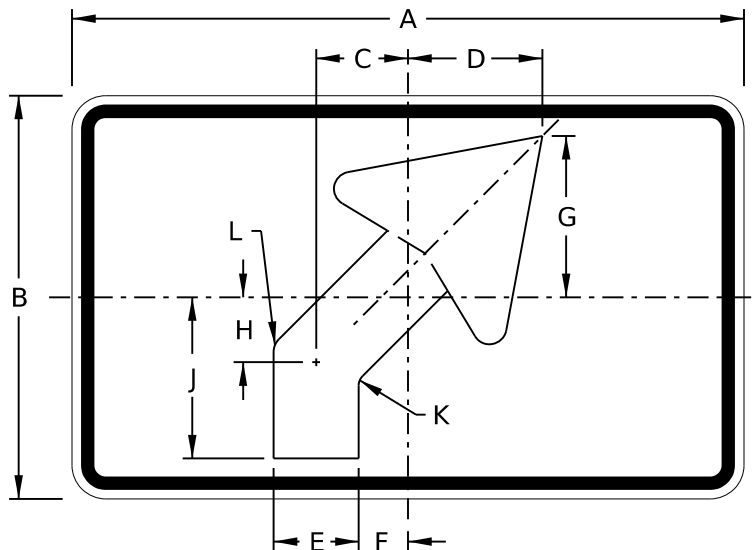
# M5-2PR

## ADVANCE 45 DEGREE RIGHT TURN MARKER

The Advance 45 Degree Right Turn Marker (M5-2PR) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) in advance of a turn which must be made to follow the indicated route.

The M5-2PR marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	2.4	4.4	2.6	1.1	4.8	0.8	5.4	0.4	0.6	0.4	0.6	B5-2115
30" x 18"	4.2	6.2	3.8	2.3	5.8	1.2	6.4	0.6	0.8	0.4	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

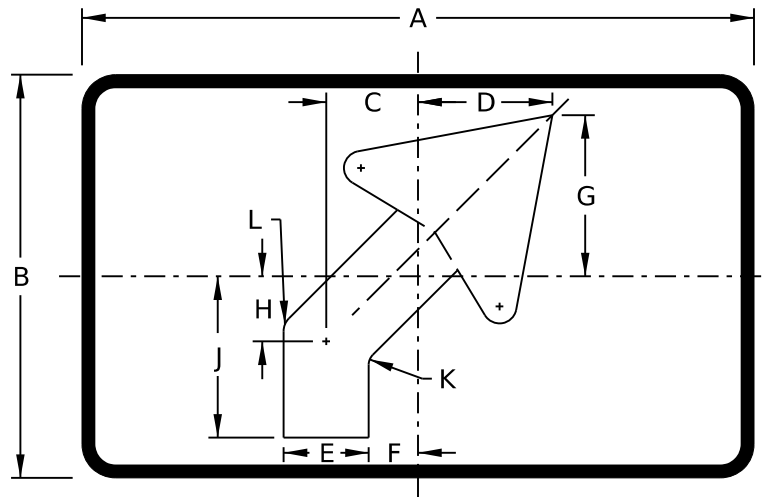
# M5-2P-1R

## INTERSTATE ADVANCE 45 DEGREE RIGHT TURN MARKER

The Interstate Advance 45 Degree Right Turn Marker (M5-2P-1R) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) in advance of a turn which must be made to follow the indicated route.

The M5-2P-1R marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	2.4	4.4	2.6	1.1	4.8	0.8	5.4	0.4	0.6	-	0.6	B5-2415
30" x 18"	4.2	6.2	3.8	2.3	5.8	1.2	6.4	0.6	0.8	-	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

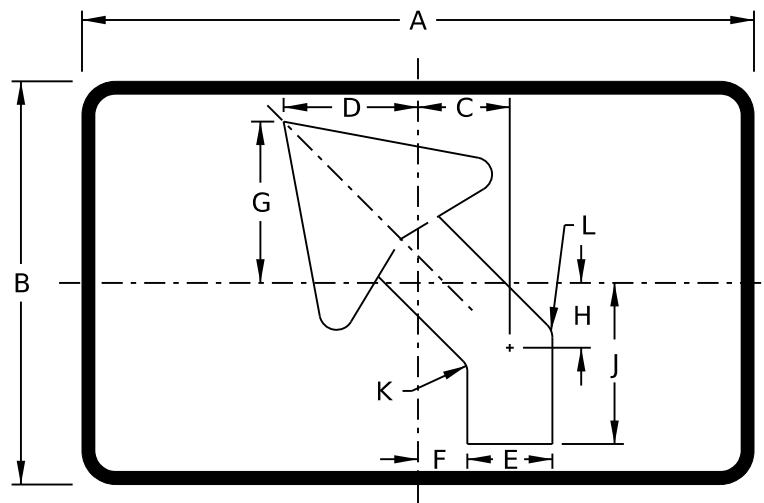
# M5-2P-2L

## BUSINESS/INTERSTATE ADVANCE 45 DEGREE LEFT TURN MARKER

The Business/Interstate Advance 45 Degree Left Turn Marker (M5-2P-2L) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2), Interstate Business Spur Sign (M1-3) and Pennsylvania Turnpike Marker (M1-5A) in advance of a turn which must be made to follow the indicated route.

The M5-2P-2L marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OR  
ARROWHEAD

DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	2.4	4.4	2.6	1.1	4.8	0.8	5.4	0.4	0.6	-	0.6	B5-2115
30" x 18"	4.2	6.2	3.8	2.3	5.8	1.2	6.4	0.6	0.8	-	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

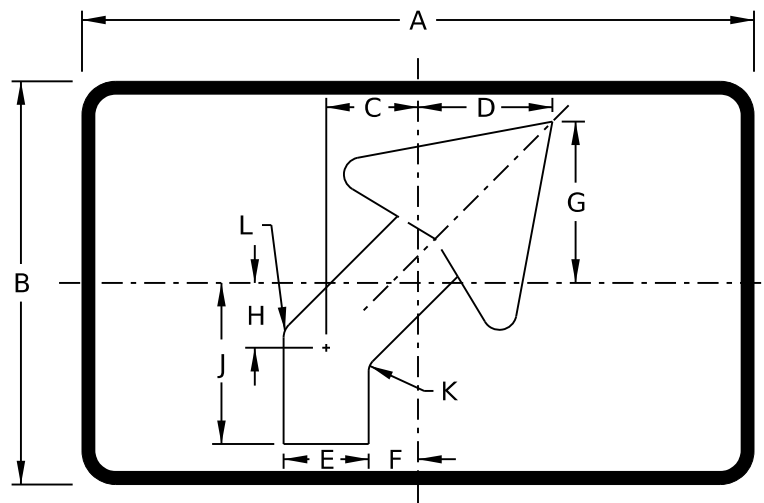
# M5-2P-2R

## BUSINESS/INTERSTATE ADVANCE 45 DEGREE RIGHT TURN MARKER

The Business/Interstate Advance 45 Degree Right Turn Marker (M5-2P-2R) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2), Interstate Business Spur Sign (M1-3) and Pennsylvania Turnpike Marker (M1-5A) in advance of a turn which must be made to follow the indicated route.

The M5-2P-2R marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OR  
ARROWHEAD

DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	2.4	4.4	2.6	1.1	4.8	0.8	5.4	0.4	0.6	-	0.6	B5-2115
30" x 18"	4.2	6.2	3.8	2.3	5.8	1.2	6.4	0.6	0.8	-	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

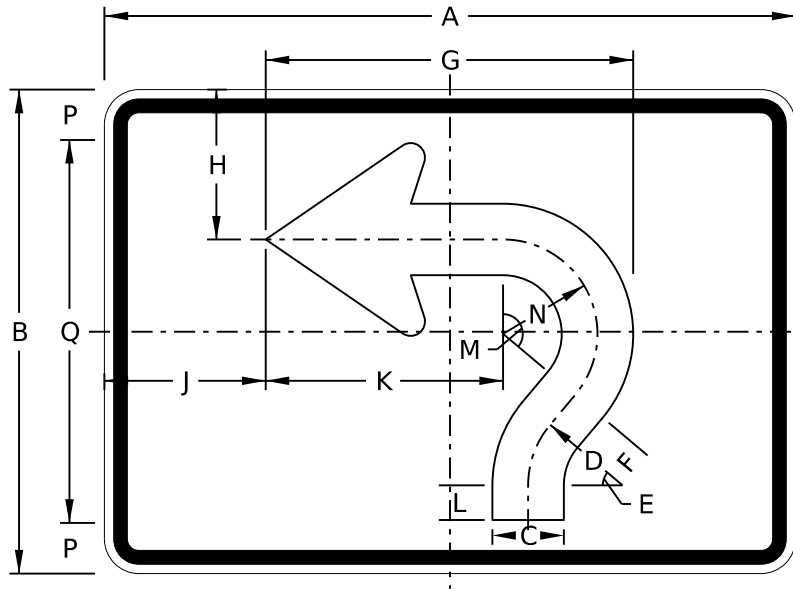
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# M5-3P

## CURVED-STEM ADVANCE TURN ARROW MARKER

The Curved-Stem Advance Turn Arrow Marker (M5-3P) shall be used only on the approach to a circular intersection to depict a movement along the circulatory roadway around the central island and to the left, relative to the approach roadway and entry into the intersection.

If the M5-3P sign is used, then this arrow type should also be used consistently on any regulatory lane-use signs, destination signs, and pavement markings for a particular destination or movement.



NOTE:

SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	H	J	K
21" x 15"	2.3	3.0	40°	1.1	11.5	4.6	4.8	7.4
30" x 21"	3.1	4.1	40°	1.7	16.0	6.5	7.0	10.3

DIMENSIONS - IN							
L	M	N	P	Q	MAR- GIN	BOR- DER	BLANK STD.
1.0	130°	3.0	1.6	11.8	0.4	0.6	B5-2115
1.5	130°	4.1	2.2	16.6	0.4	0.6	----

COLOR:

ARROW AND BORDER:  
BLACK (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

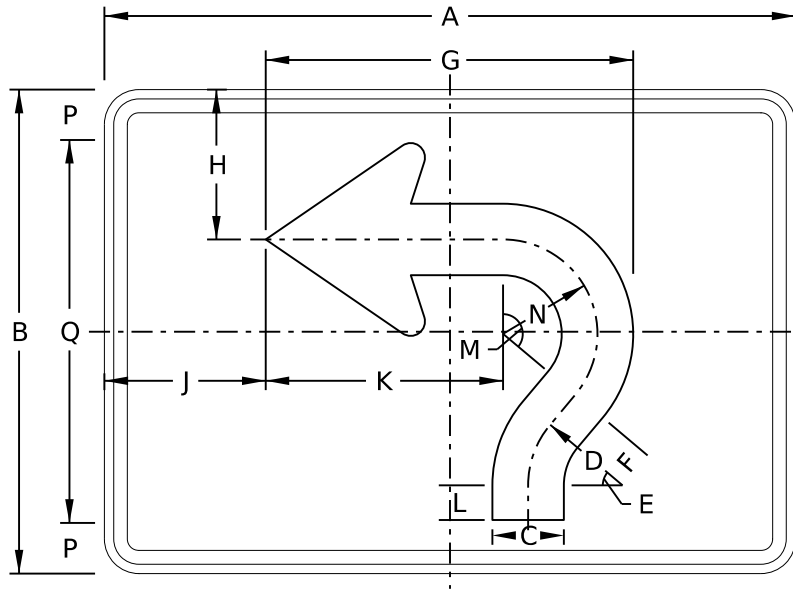
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# M5-3P-1

## INTERSTATE CURVED-STEM ADVANCE TURN ARROW MARKER

The Interstate Curved-Stem Advance Turn Arrow Marker (M5-3P-1) shall be used only on the approach to a circular intersection to depict a movement along the circulatory roadway around the central island and to the left, relative to the approach roadway and entry into the intersection.

If the M5-3P-1 sign is used, then this arrow type should also be used consistently on any regulatory lane-use signs, destination signs, and pavement markings for a particular destination or movement.



NOTE:

SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	H	J	K
21" x 15"	2.3	3.0	40°	1.1	11.5	1.6	4.8	7.4
30" x 21"	3.1	4.1	40°	1.7	16.0	6.5	7.0	10.3

DIMENSIONS - IN							
L	M	N	P	Q	MAR- GIN	BOR- DER	BLANK STD.
1.0	130°	3.0	1.6	11.8	0.4	0.6	B5-2115
1.5	130°	4.1	2.2	16.6	0.4	0.6	-----

COLOR:

SYMBOL AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

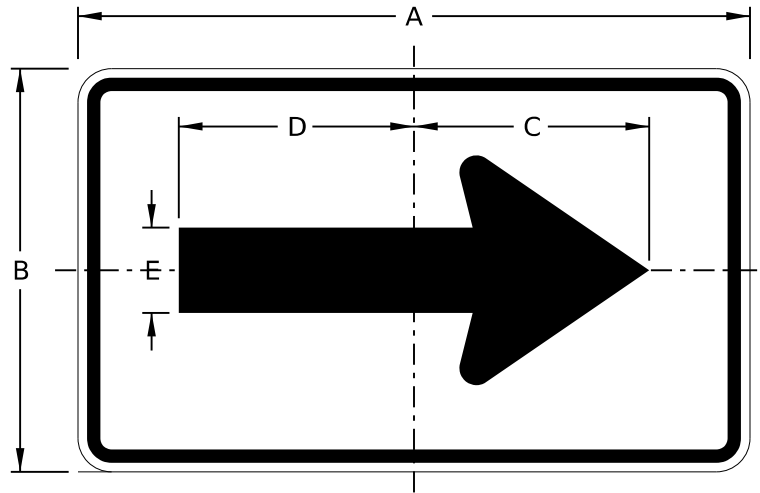
# M6-1P

## 90 DEGREE TURN MARKER

The 90 Degree Turn Marker (M6-1P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) at an intersection where a turn must be made to follow the indicated route.

The M6-1P marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OR  
ARROWHEAD

DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	7.5	7.2	2.6	0.4	0.6	B5-2115
30" x 18"	10.8	10.2	3.8	0.4	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



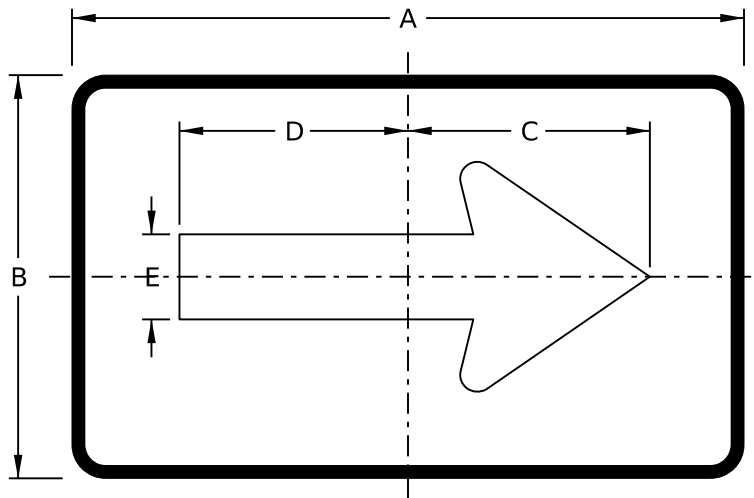
# M6-1P-1

## INTERSTATE 90 DEGREE TURN MARKER

The Interstate 90 Degree Turn Marker (M6-1P-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) at an intersection where a turn must be made to follow the indicated route.

The M6-1P-1 marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 36" x 24" route markers. The 36" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	7.5	7.2	2.6	-	0.6	B5-2115
30" x 18"	10.8	10.2	3.8	-	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

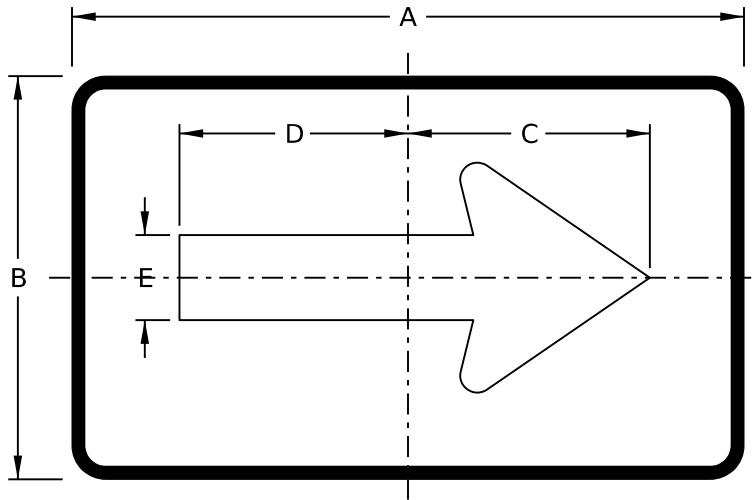
# M6-1P-2

## BUSINESS/TURNPIKE 90 DEGREE TURN MARKER

The Business/Turnpike 90 Degree Turn Marker (M6-1P-2) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2), Interstate Business Spur Sign (M1-3) and Pennsylvania Turnpike Marker (M1-5A) at an intersection where a turn must be made to follow the indicated route.

The M6-1P-2 marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 36" x 24" route markers.  
The 36" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	7.5	7.2	2.6	0.4	0.6	B5-2115
30" x 18"	10.8	10.2	3.8	0.4	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

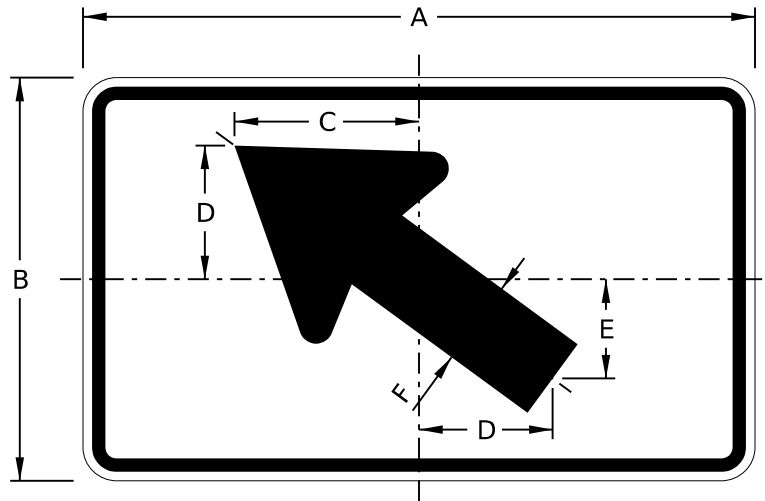
# M6-2PL

## 45 DEGREE LEFT TURN MARKER

The 45 Degree Left Turn Marker (M6-2PL) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) at an intersection where a turn must be made to follow the indicated route.

The M6-2PL marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	5.7	5.1	4.6	2.6	0.4	0.6	B5-2115
30" x 18"	8.2	6.0	4.4	3.8	0.4	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

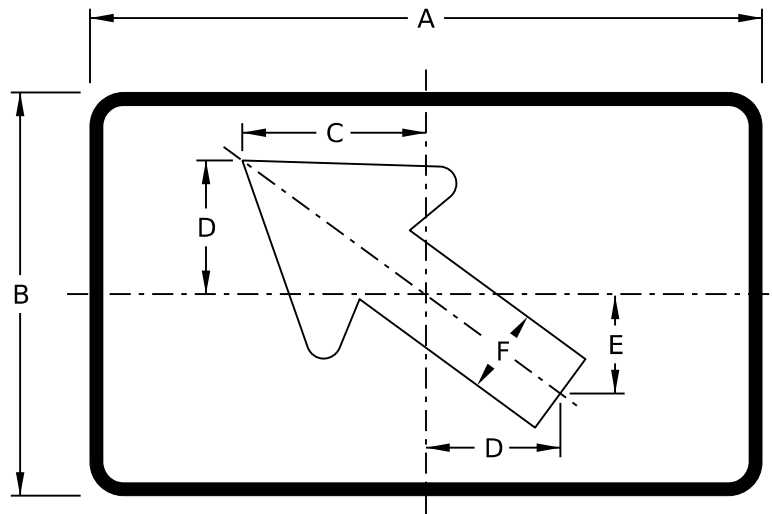
# M6-2P-1L

## INTERSTATE 45 DEGREE LEFT TURN MARKER

The Interstate 45 Degree Left Turn Marker (M6-2P-1L) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) at an intersection where a turn must be made to follow the indicated route.

The M6-2P-1L marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSION OF  
ARROWHEAD

DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	5.7	5.1	4.6	2.6	-	0.6	B5-2115
30" x 18"	8.2	6.0	4.4	3.8	-	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

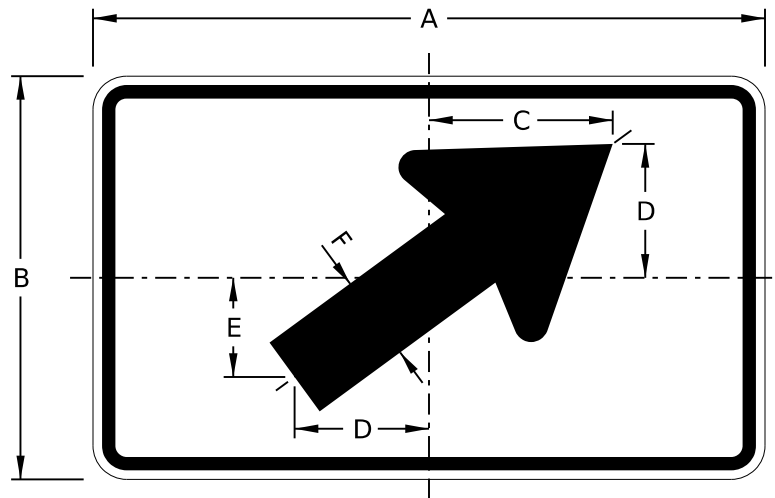
# M6-2PR

## 45 DEGREE RIGHT TURN MARKER

The 45 Degree Right Turn Marker (M6-2PR) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) at an intersection where a turn must be made to follow the indicated route.

The M6-2PR marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	5.7	5.1	4.6	2.6	0.4	0.6	B5-2115
30" x 18"	8.2	6.0	4.4	3.8	0.4	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

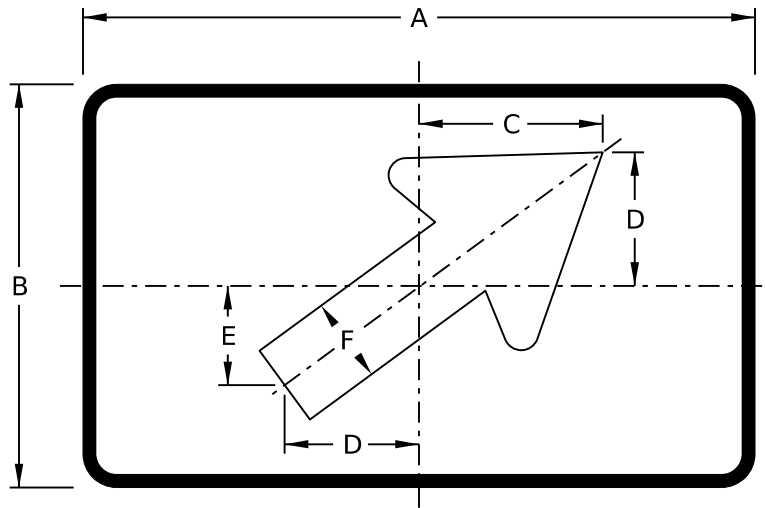
# M6-2P-1R

## INTERSTATE 45 DEGREE RIGHT TURN MARKER

The Interstate 45 Degree Right Turn Marker (M6-2P-1R) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) at an intersection where a turn must be made to follow the indicated route.

The M6-2P-1R marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	5.7	5.1	4.6	2.6	-	0.6	B5-2115
30" x 18"	8.2	6.0	4.4	3.8	-	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

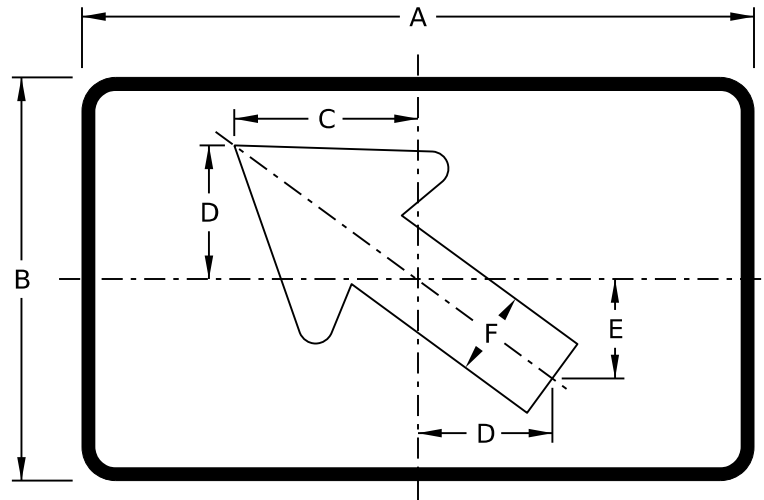
# M6-2P-2L

## BUSINESS/TURNPIKE 45 DEGREE LEFT TURN MARKER

The Business/Turnpike 45 Degree Left Turn Marker (M6-2P-2L) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2), Interstate Business Spur Sign (M1-3) and Pennsylvania Turnpike Marker (M1-5A) at an intersection where a turn must be made to follow the indicated route.

The M6-2P-2L marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers.  
The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	5.7	5.1	4.6	2.6	-	0.6	B5-2115
30" x 18"	8.2	6.0	4.4	3.8	-	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

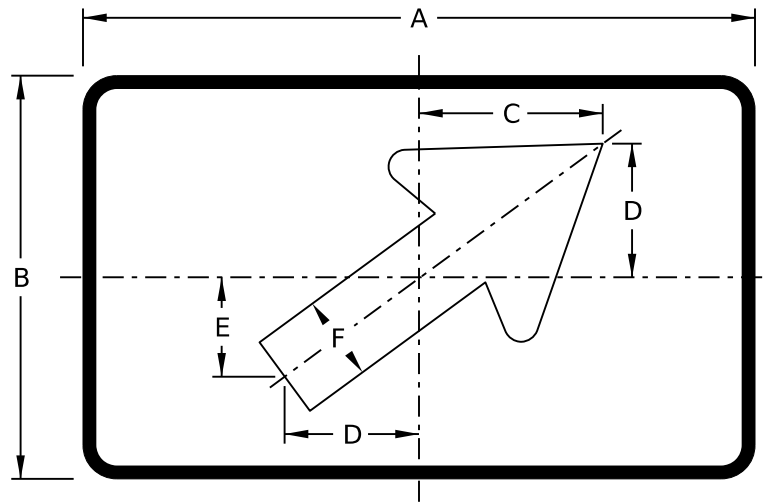
# M6-2P-2R

## BUSINESS/TURNPIKE 45 DEGREE RIGHT TURN MARKER

The Business/Turnpike 45 Degree Right Turn Marker (M6-2P-2R) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2), Interstate Business Spur Sign (M1-3) and Pennsylvania Turnpike Marker (M1-5A) at an intersection where a turn must be made to follow the indicated route.

The M6-2P-2R marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers.  
The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	5.7	5.1	4.6	2.6	-	0.6	B5-2115
30" x 18"	8.2	6.0	4.4	3.8	-	0.6	B5-3018

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



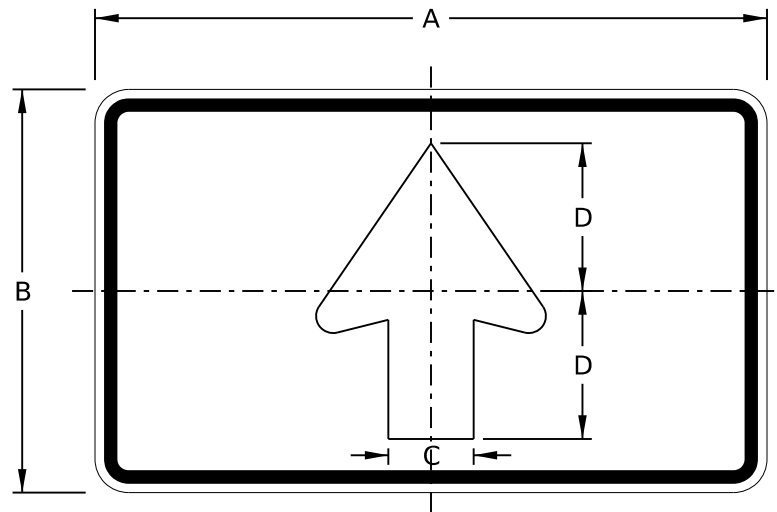
# M6-3P

## STRAIGHT THROUGH MARKER

The Straight Through Marker (M6-3P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) at an intersection where a straight through movement must be made to follow the indicated route but not in the absence of other assemblies indicating right or left turns.

The M6-3P marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	2.6	4.9	0.4	0.6	B5-2115
30" x 18"	3.8	6.6	0.4	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

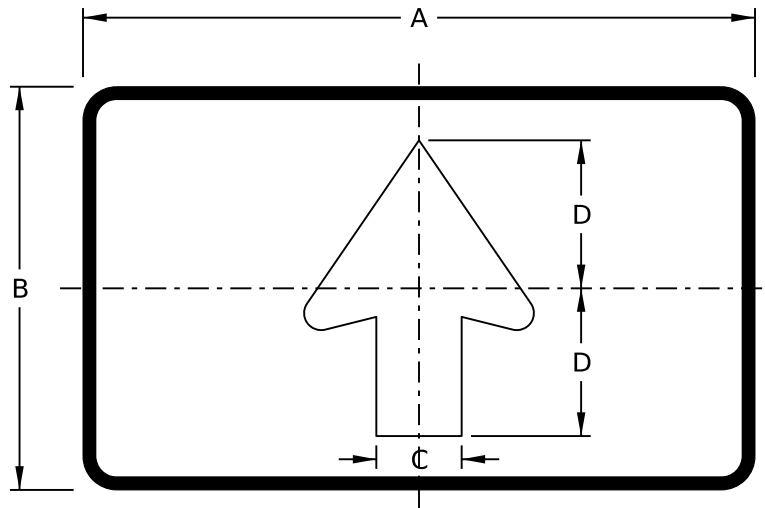
# M6-3P-1

## INTERSTATE STRAIGHT THROUGH MARKER

The Interstate Straight Through Marker (M6-3P-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) at an intersection where a straight through movement must be made to follow the indicated route but not in the absence of other assemblies indicating right or left turns.

The M6-3P-1 marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	2.6	4.9	-	0.6	B5-2115
30" x 18"	3.8	6.6	-	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

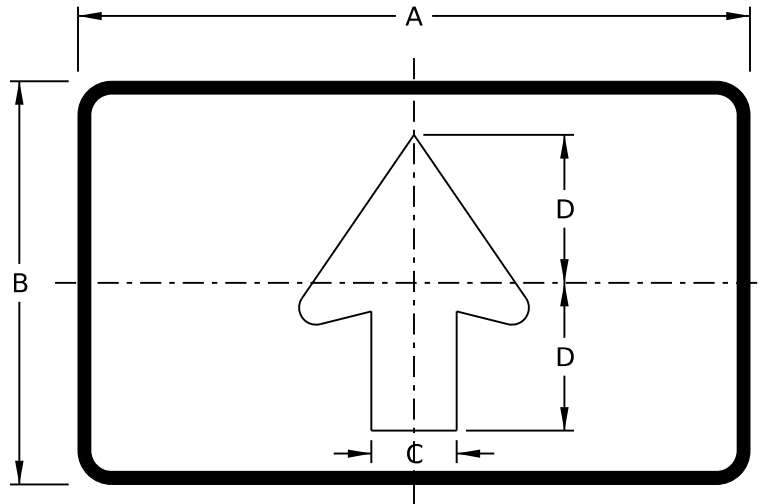
# M6-3P-2

## BUSINESS/TURNPIKE STRAIGHT THROUGH MARKER

The Business/Turnpike Straight Through Marker (M6-3P-2) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2), Interstate Business Spur Sign (M1-3), and Pennsylvania Turnpike Marker (M1-5A) at an intersection where a straight through movement must be made to follow the indicated route but not in the absence of other assemblies indicating right or left turns.

The M6-3P-2 marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
21" X 15"	2.6	4.9	-	0.6	B5-2115
30" X 18"	3.8	6.6	-	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

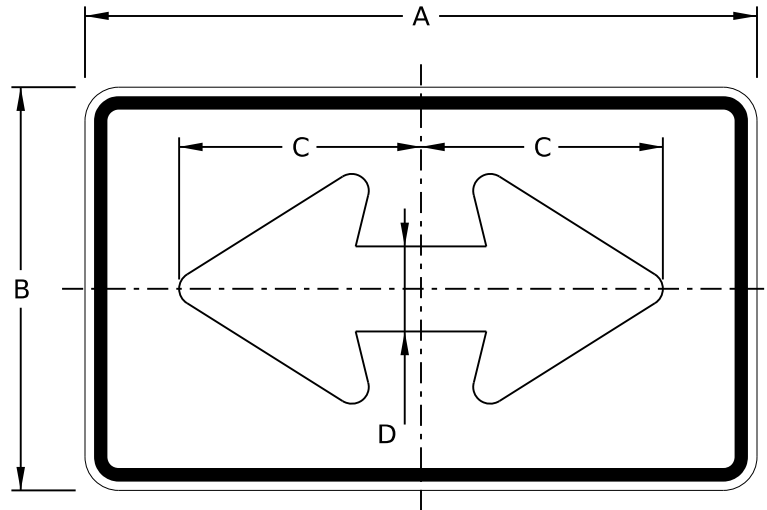
# M6-4P

## 90 DEGREE RIGHT AND LEFT TURN MARKER

The 90 Degree Right and Left Turn Marker (M6-4P) shall be authorized for use in conjunction with the U.S. Route Marker (M1-4) or the Pennsylvania Route Marker (M1-5) at an intersection where a turn must be made to the right or left to follow the indicated route.

The M6-4P marker shall be placed directly below the route marker.

The 21" x 15" size shall be used with the 24" x 24" and the 30" x 24" route markers. The 30" x 18" size shall be used with the 36" x 36" and the 45" x 36" route markers.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
21" x 15"	7.6	2.6	0.4	0.6	B5-2115
30" x 18"	10.8	3.8	0.4	0.6	B5-3018

COLOR:

ARROW AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

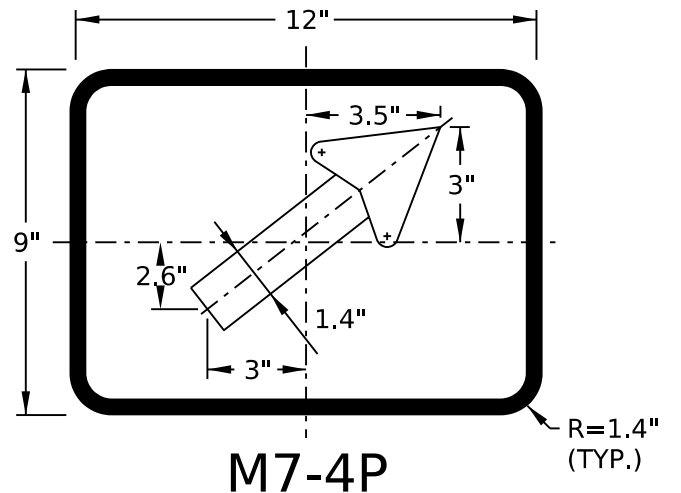
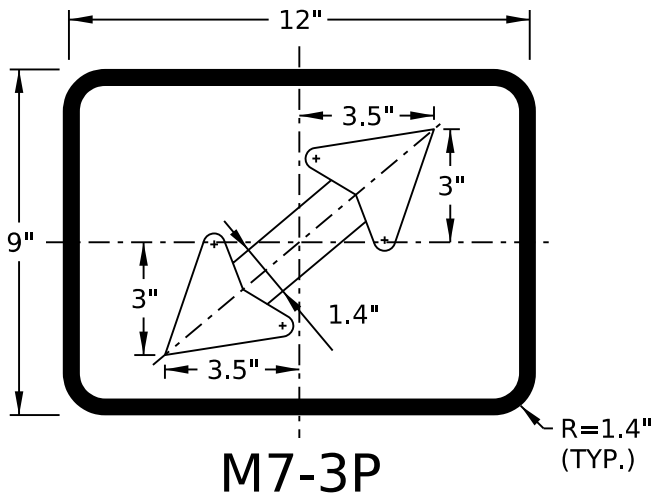
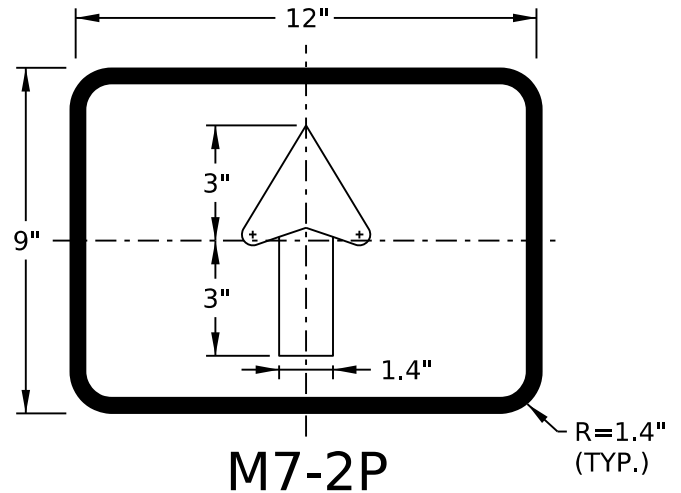
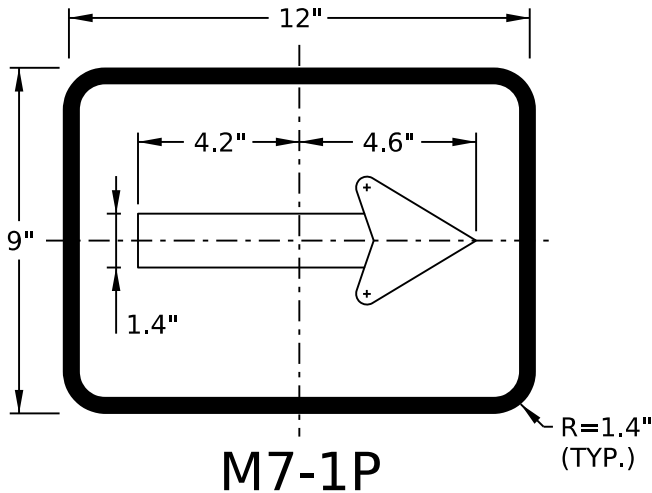
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# M7-1P THROUGH M7-4P

## (SUPPLEMENTAL PLAQUES FOR BICYCLE ROUTE SIGNS)

Where desired, supplemental plaques may be used with the Bicycle Route Sign (D11-1) to furnish additional directional guidance. When used, the M4-101P through M4-103P signs should be mounted above the D11-1 sign, and the M7-1P through M7-7P signs should be mounted below the D11-1 sign. The mirror image of the M7-1P, M7-3P, M7-4P, M7-6P or M7-7P is also authorized.



### NOTES:

1. SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD
2. ALL DIMENSIONS ARE IN ENGLISH UNITS (INCHES)
3. FOR ALL SIGNS ON THIS SHEET:  
BORDER = 0.4"

COLOR:

ARROW AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

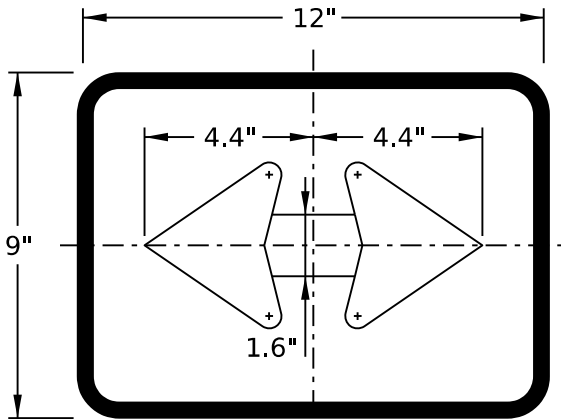
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

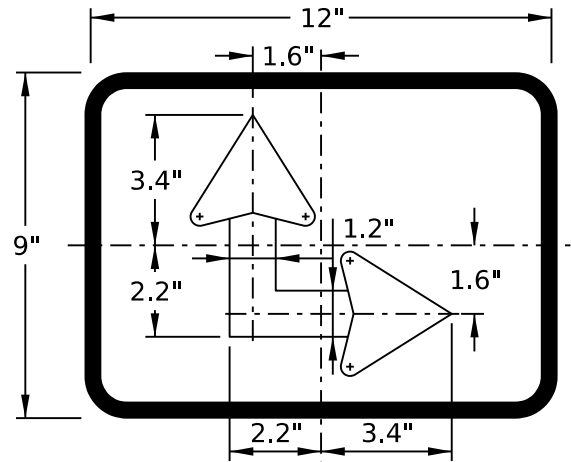
# M7-5P THROUGH M7-7P

## (SUPPLEMENTAL PLAQUES FOR BICYCLE ROUTE SIGNS)

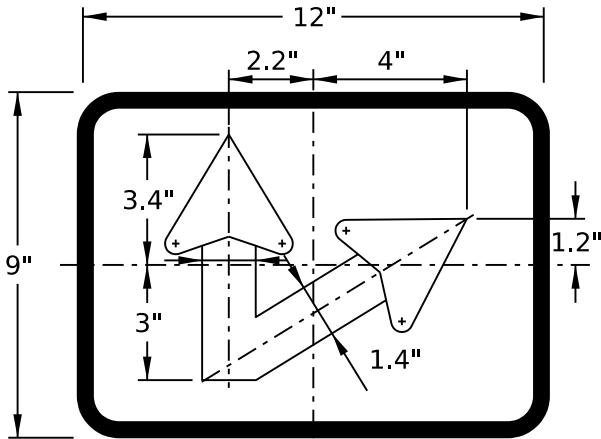
Where desired, supplemental plaques may be used with the Bicycle Route Sign (D11-1) to furnish additional directional guidance. When used, the M4-101P through M4-103P signs should be mounted above the D11-1 sign, and the M7-1P through M7-7P signs should be mounted below the D11-1 sign. The mirror image of the M7-1P, M7-3P, M7-4P, M7-6P or M7-7P is also authorized.



M7-5P



M7-6P



M7-7P

### NOTES:

1. SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD.
2. ALL DIMENSIONS ARE IN ENGLISH UNITS (INCHES)
3. FOR ALL SIGNS ON THIS SHEET:  
BORDER = 0.4"

COLOR:

ARROW AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

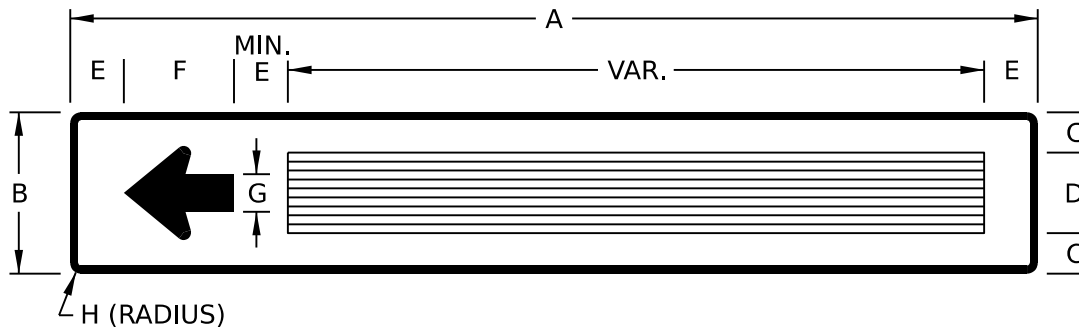
# D1-1

## SINGLE-LINE DESTINATION SIGN

(a) Justification. The Single-Line Destination Sign (D1-1) shall be authorized for use to indicate the direction to cities, boroughs and villages, etc.

(b) Placement. The D1-1 sign should generally be placed in advance of an intersection.

(c) Size. The standard size of D1-1 sign shall be 72" x 12". The 48" x 8" size may be used on minor highways and urban streets.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
48" x 8"	2.0	4*	3.0	5.4	1.8	0.4	-	0.4	-----
72" x 12"	3.0	6*	4.0	8.2	2.8	0.8	-	0.6	-----

\* CHOOSE UPPER / LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

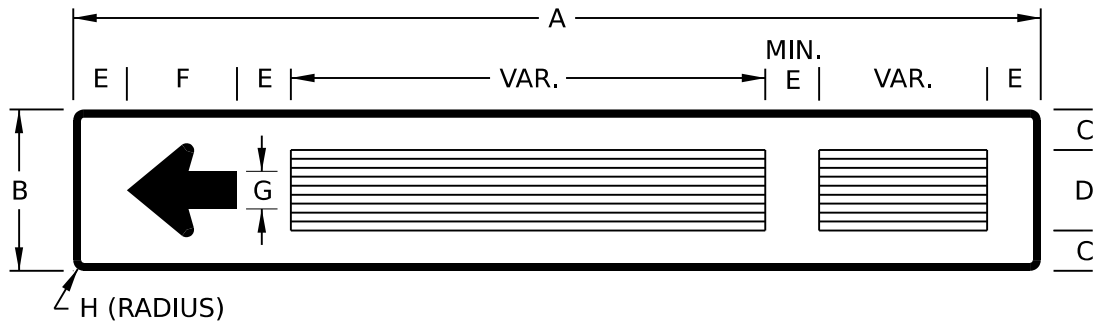
# D1-1A

## SINGLE-LINE DESTINATION MILEAGE SIGN

(a) Justification. The Single-Line Destination Mileage Sign (D1-1A) shall be authorized for use to indicate the direction and distance to cities, boroughs and villages, etc.

(b) Placement. The D1-1A sign should generally be placed in advance of an intersection.

(c) Size. The standard size of the D1-1A sign shall be 72" x 12". The 48" x 8" size may be used on minor highways and urban streets.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
48" x 8"	2.0	4*	3.0	5.4	1.8	0.4	-	0.4	-----
72" x 12"	3.0	6*	4.0	8.2	2.8	0.8	-	0.6	-----

\* CHOOSE UPPER / LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



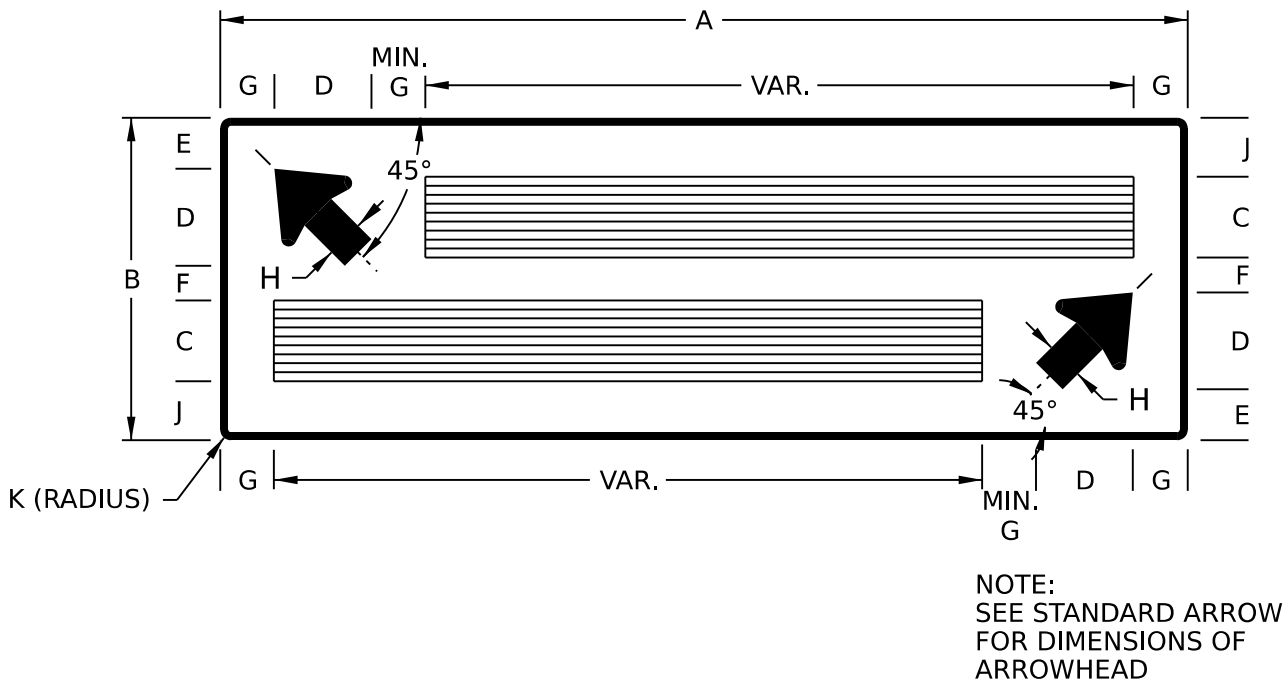
# D1-2

## DOUBLE-LINE DESTINATION SIGN

(a) Justification. The Double-Line Destination Sign (D1-2) shall be authorized for use to indicate the direction to cities, boroughs and villages, etc.

(b) Placement. The D1-2 sign should generally be placed in advance of an intersection.

(c) Size. The standard size of D1-2 sign shall be 72" x 24". The 48" x 16" size may be used on minor highways and urban streets.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
48" x 16"	4*	4.6	2.4	2.2	3.0	1.8	2.8	0.4	-	0.4	-----
72" x 24"	6*	7.2	3.8	2.6	4.0	2.8	4.4	0.8	-	0.6	-----

\* CHOOSE UPPER / LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

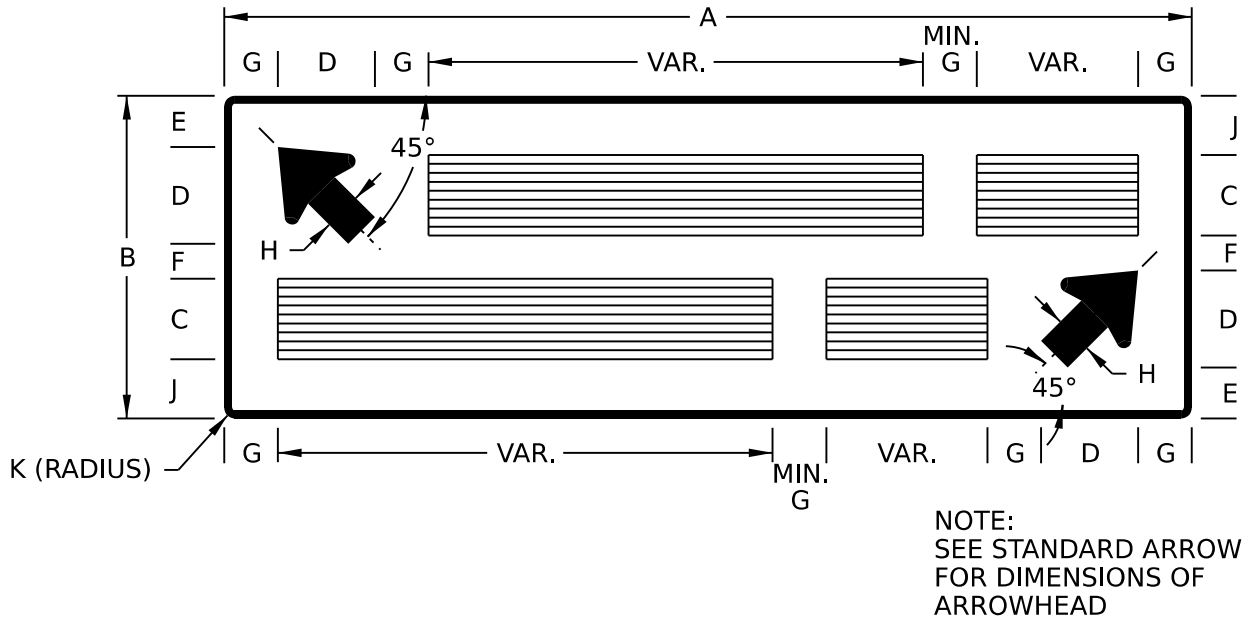
BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

## DOUBLE-LINE DESTINATION MILEAGE SIGN

(c) Size. The standard size of D1-2A sign shall be 72" x 24". The 48" x 16" size may be used on minor highways and urban streets.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
48" x 16"	4*	4.6	2.4	2.2	3.0	1.8	2.8	0.4	-	0.4	-----
72" x 24"	6*	7.2	3.8	2.6	4.0	2.8	4.4	0.8	-	0.6	-----

By : \_\_\_\_\_ Date : \_\_\_\_\_  
 Manager, Traffic Engineering & Permits Section,  
 Bureau of Operations

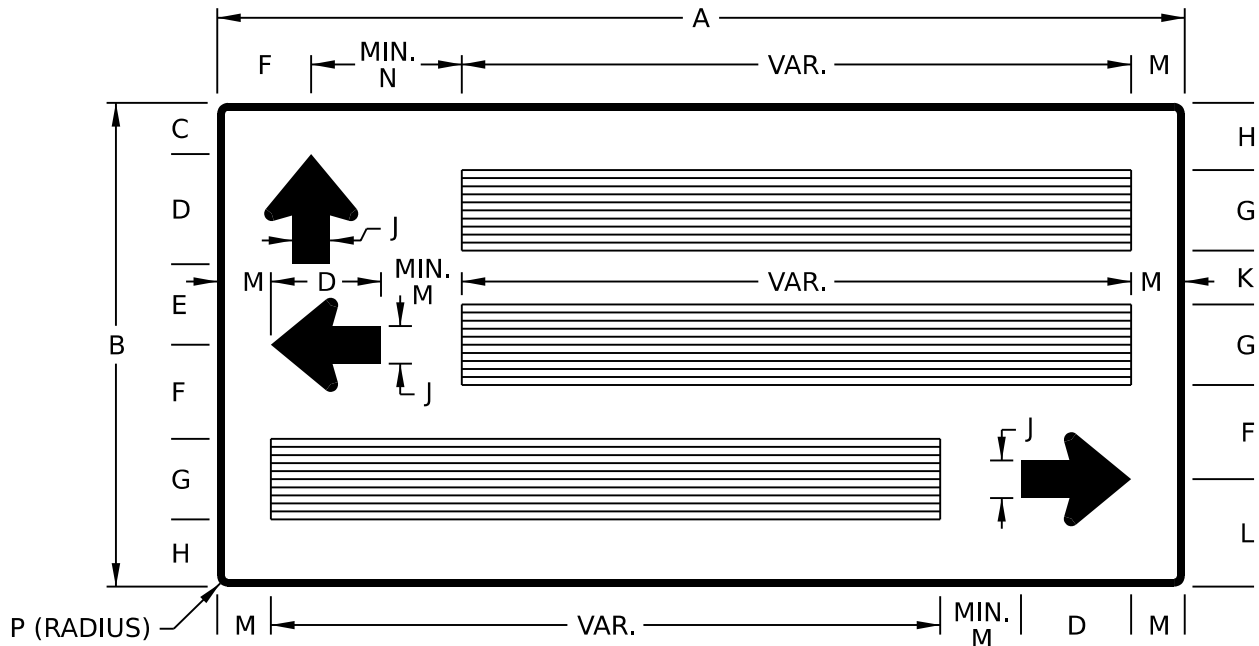
# D1-3

## TRIPLE-LINE DESTINATION SIGN

(a) Justification. The Triple-Line Destination Sign (D1-3) shall be authorized to indicate the direction to cities, boroughs and villages, etc.

(b) Placement. The D1-3 sign should generally be placed in advance of an intersection.

(c) Size. The standard size of D1-3 sign shall be 72" x 36". The 48" x 24" size may be used on minor highways and urban streets.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
48" x 16"	2.6	5.4	4.0	4.6	4*	3.4	1.8	2.6	5.4	3.0	5.4	0.4	-	0.4	-----
72" x 36"	3.8	8.2	6.0	7.0	6*	5.0	2.8	4.0	8.0	4.0	7.8	0.8	-	0.6	-----

\* CHOOSE UPPER / LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

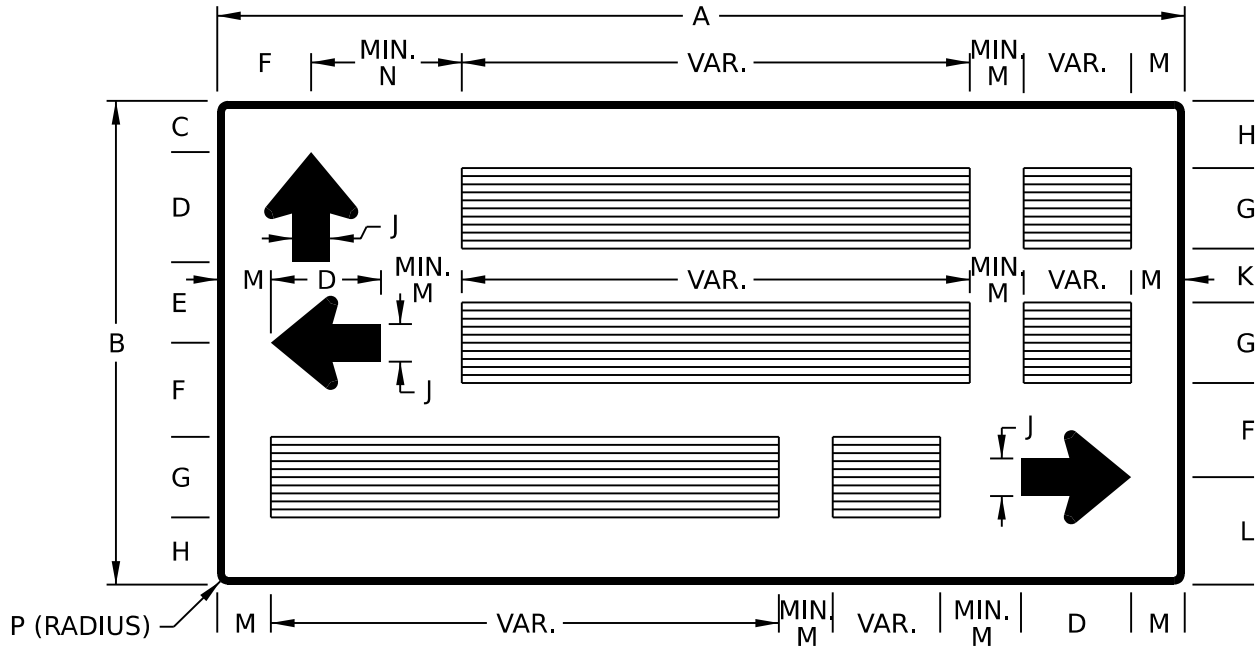
# D1-3A

## TRIPLE-LINE DESTINATION MILEAGE SIGN

(a) Justification. The Triple-Line Destination Mileage Sign (D1-3A) shall be authorized for use to indicate the direction and distance to cities, boroughs and villages, etc.

(b) Placement. The D1-3A sign should generally be placed in advance of an intersection.

(c) Size. The standard size of D1-3A sign shall be 72" x 36". The 48" x 24" size may be used on minor highways and urban streets.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
48" x 16"	2.6	5.4	4.0	4.6	4*	3.4	1.8	2.6	5.4	3.0	5.4	0.4	-	0.4	-----
72" x 36"	3.8	8.2	6.0	7.0	6*	5.0	2.8	4.0	8.0	4.0	7.8	0.8	-	0.6	-----

\* CHOOSE UPPER / LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

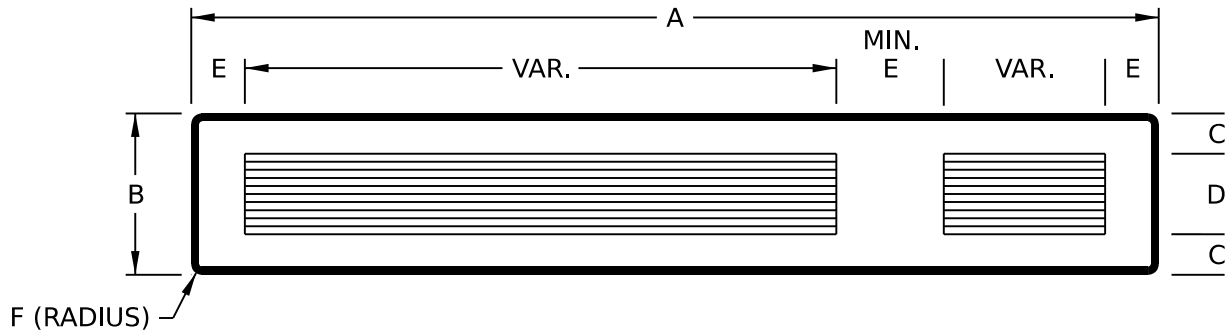
# D2-1

## SINGLE-LINE DISTANCE SIGN

(a) Justification. The Single-Line Distance Sign (D2-1) shall be authorized for use to indicate the name of the next significant destination point on the route and the distance to that point.

(b) Placement. The D2-1 sign should be placed just beyond intersections and just beyond the limits of incorporated municipalities or at the edge of the built-up area if it extends beyond the municipal limits.

(c) Size. The standard size of the D2-1 sign shall be 72" x 12". The 48" x 8" size may be used on minor highways and urban streets.



DIMENSIONS - IN							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
48" x 8"	2.0	4*	3.0	0.4	-	0.4	-----
72" x 12"	3.0	6*	4.0	0.8	-	0.6	-----

\* CHOOSE UPPER / LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

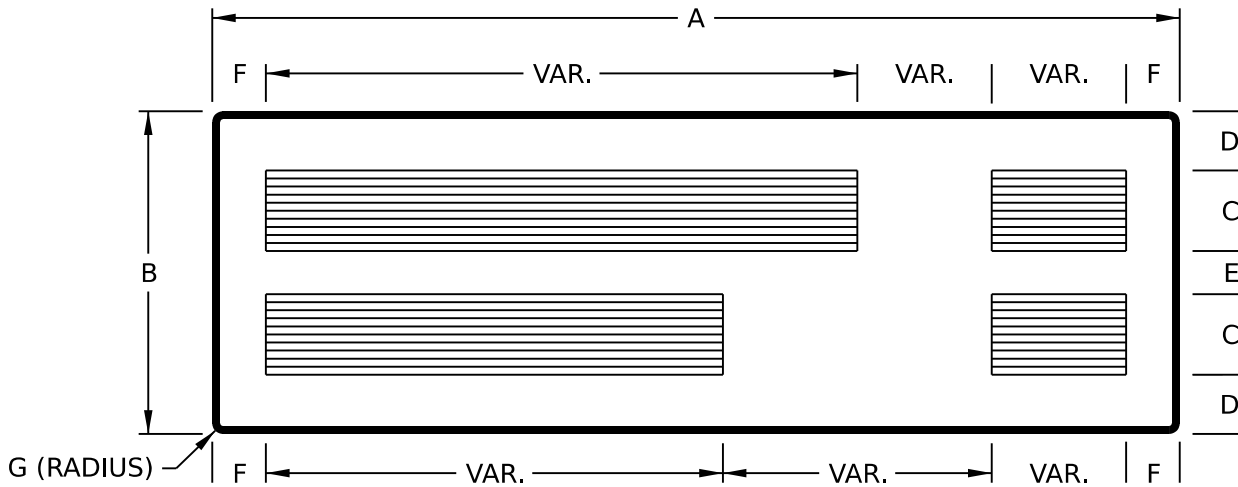
# D2-2

## DOUBLE-LINE DISTANCE SIGN

(a) Justification. The Double-Line Distance Sign (D2-2) shall be authorized for use to indicate the names of the next two significant destination points on the route and the distance to those points.

(b) Placement. The D2-2 sign should be placed just beyond intersections and just beyond the limits of incorporated municipalities or at the edge of the built-up area if it extends beyond the municipal limits.

(c) Size. The standard size of D2-2 sign shall be 72" x 24". The 48" x 16" size may be used on minor highways and urban streets.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
48" x 16"	4*	2.8	2.4	3.0	0.4	-	0.4	-----
72 x 24"	6*	4.4	3.2	4.0	0.8	-	0.6	-----

\* CHOOSE UPPER / LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

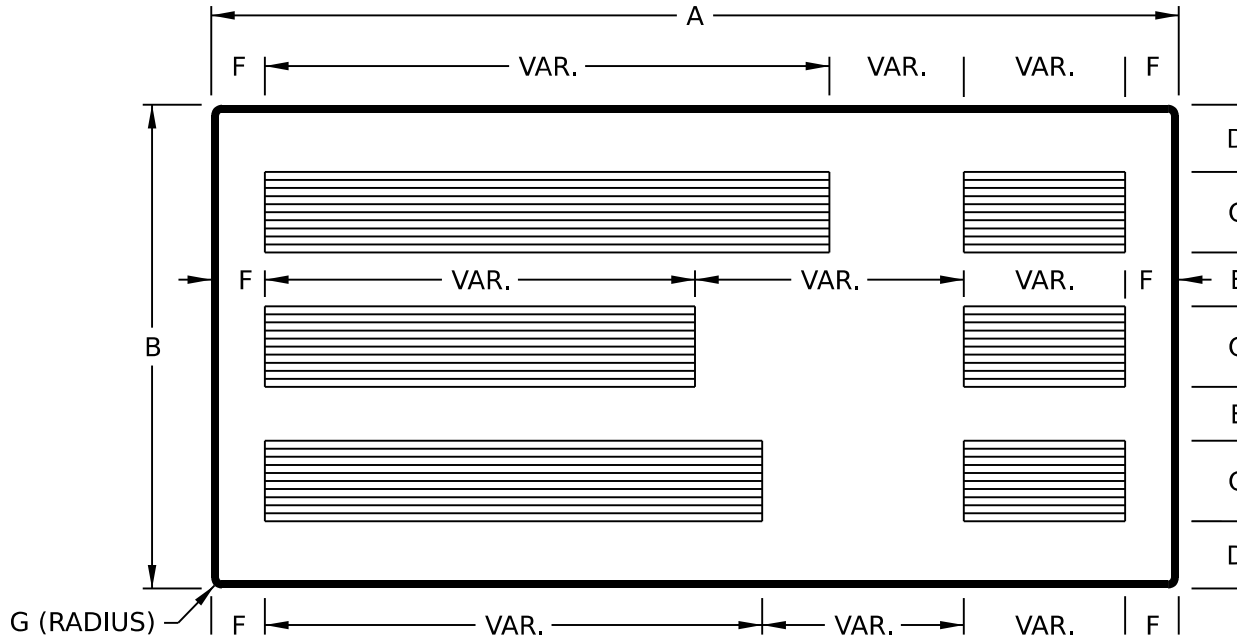
# D2-3

## TRIPLE-LINE DISTANCE SIGN

(a) Justification. The Triple-Line Distance Sign (D2-3) shall be authorized for use to indicate the names of the next three significant destination points on the route and the distance to those points.

(b) Placement. The D2-3 sign should be placed just beyond intersections and just beyond the limits of incorporated municipalities or at the edge of the built-up area if it extends beyond the municipal limits.

(c) Size. The standard size of the D2-3 sign shall be 72" x 36". The 48" x 24" size may be used on minor highways and urban streets.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
48" x 24"	4*	3.4	2.6	3.0	0.4	-	0.4	-----
72" x 36"	6*	5.0	4.0	4.0	0.8	-	0.6	-----

\* CHOOSE UPPER / LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D3-1

## STREET NAME SIGN

The Street Name Sign (D3-1) shall be authorized for use as a post-mounted sign to identify names of streets for motorists and pedestrians. The D3-1 sign, or other official type of street name sign, should be placed at all street intersections regardless of other route marking that may be present.

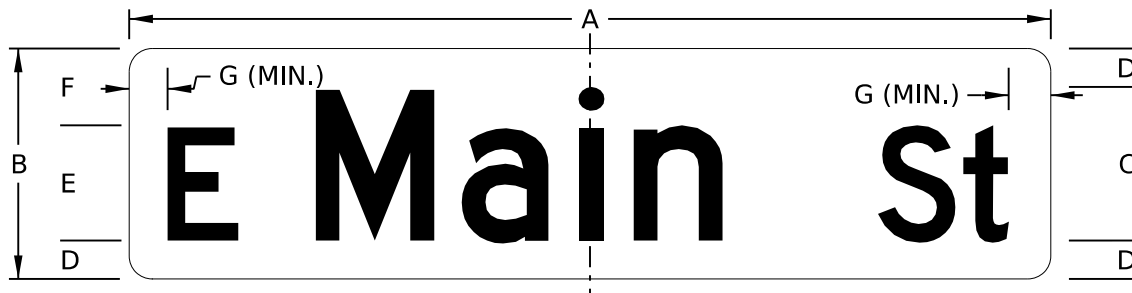
When the D3-1 signs are used in business districts, they should be placed at least on the diagonally opposite corners so that they will be on the far right-hand side of the intersection for traffic on the more important street. Signs naming both streets should be erected at each location. They should be mounted with their faces parallel to the streets they name, as close to the corner as practical with the nearest part of the each sign not less than 1', and preferably 2', back from both curb lines.

In residential districts, D3-1 signs should be mounted as in business districts, but a single location at each intersection shall ordinarily suffice on all but the most important thoroughfares.

Lettering on post-mounted D3-1 signs should be composed of 6" UC/LC letters. On multi-lane streets with speed limits greater than 40 MPH the lettering on post-mounted D3-1 signs should be composed of initial upper-case letters at least 8 inches in height and lower-case letters at least 6 inches in height. The overall width of the sign is variable. Except when necessary to avoid confusion, suffixes such as "St", "Dr", and "Rd", or sections of the city such as "NW" should not be used. When used, this supplemental lettering may be in smaller lettering, composed of 3" UC/LC letters. For roads functionally classified as local with speed limits of 25 MPH or less, the lettering may be 4" UC/LC letters.

A pictograph may be used on a D3-1 sign. If a pictograph is used, the height and width of the pictograph shall not exceed the upper-case letter height of the principal legend of the sign.

The street name sign should be reflectorized or illuminated and should have a white legend on a green background, white legend on a brown background, white legend on a blue background, or black legend on a white background. Borders are not required. Same background color for D3-1 signs should be applied to all signs on roadways under the jurisdiction of a particular highway agency.



DIMENSIONS - IN					
SIGN SIZE A x B	C	D	E	F	G
VAR. x 6"	4*	1.0	3*	2.0	1.0
VAR. x 9"	6*	1.5	4.5*	3.0	1.4
VAR. x 12"	8*	2.0	6*	4.0	2.0

\* CHOOSE UPPER / LOWER CASE  
STANDARD ALPHABET SERIES FOR BEST FIT

NOTE:  
WHEN DESCENDING LOWER-CASE LEGEND  
(e.g., g, j, p, q AND y) CANNOT BE ACCOMMODATED  
ON A STANDARD SIZE SIGN BLANK; THE HEIGHT  
OF THE BLANK SHOULD BE INCREASED TO  
ACCOMMODATE THESE LETTERS.

COLOR:

LEGEND:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

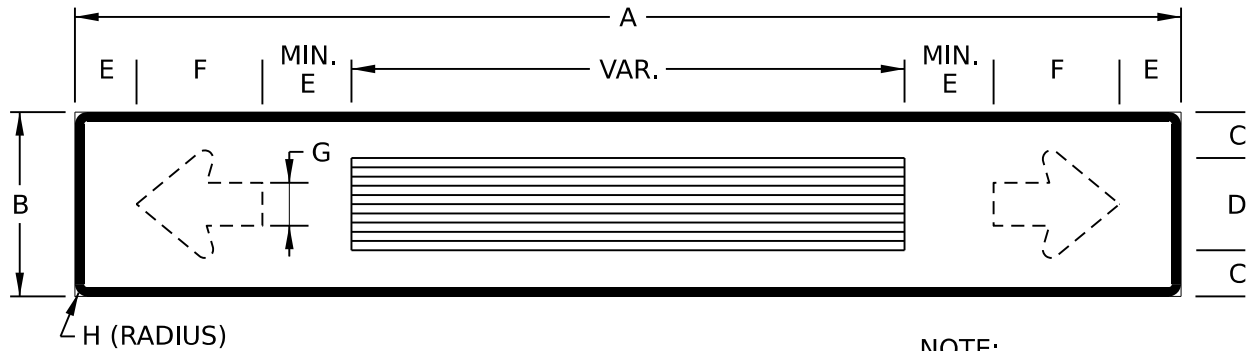


# D3-2

## SINGLE-LINE ADVANCE STREET NAME SIGN

(a) Justification. The Single-Line Advance Street Name Sign (D3-2) shall be authorized for use in advance of an intersection to identify the name of the intersecting street. Curved-stem arrows may be used on D3-2 signs on approaches to circular intersections. A single arrow may be used if the name only applies in one direction. Pictographs shall not be displayed on the D3-2 sign.

(b) Size. The standard size of D3-2 sign shall be 48" x 8".



NOTE:

SEE STANDARD ARROW  
FOR DIMENSIONS

DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
48" x 8"	2.0	4*	3.0	5.4	1.8	0.4	-	0.5	-----
72" x 12"	3.0	6*	4.0	8.2	2.8	0.8	-	0.6	-----

\* CHOOSE UPPER / LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

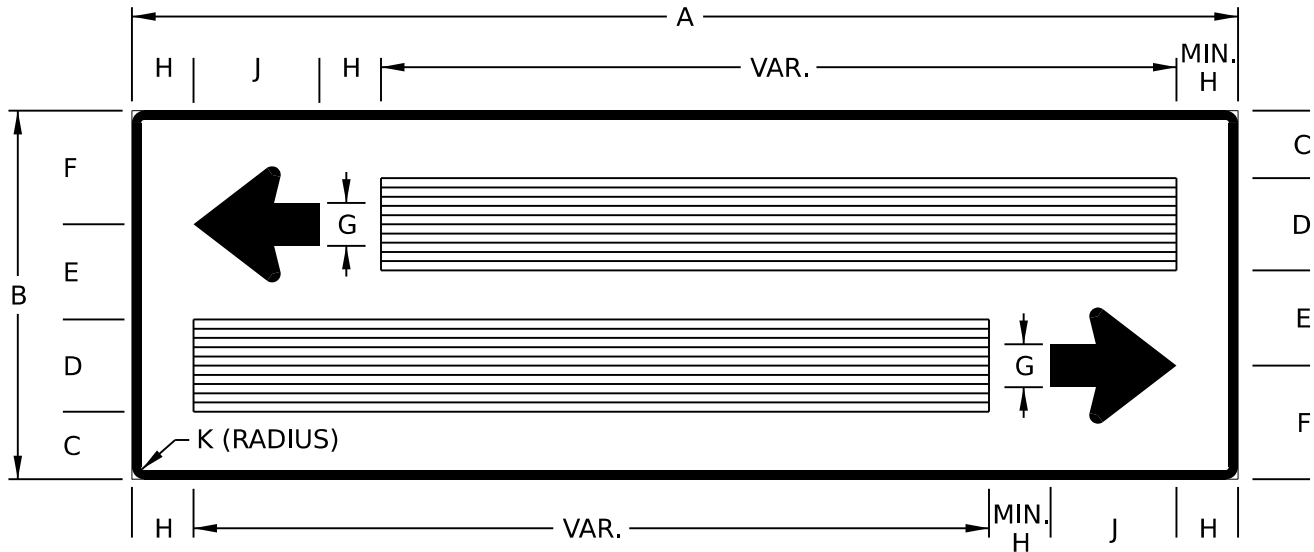
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D3-3

## DOUBLE-LINE ADVANCE STREET NAME SIGN

(a) Justification. The Double-Line Advance Street Name Sign (D3-3) shall be authorized for use in advance of an intersection to identify the names of the intersecting streets. Curved-stem arrows may be used on D3-3 signs on approaches to circular intersections. Pictographs shall not be displayed on the D3-3 sign.

(b) Size. The standard size of D3-3 sign shall be 48" x 16".



NOTE:

SEE STANDARD ARROW  
FOR DIMENSIONS

DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
48" x 16"	2.8	4*	4.4	4.8	1.8	3.0	5.4	0.4	-	0.4	-----
72" x 24"	4.4	6*	6.2	7.4	2.8	4.0	8.2	0.8	-	0.6	-----

\* CHOOSE UPPER / LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D3-4

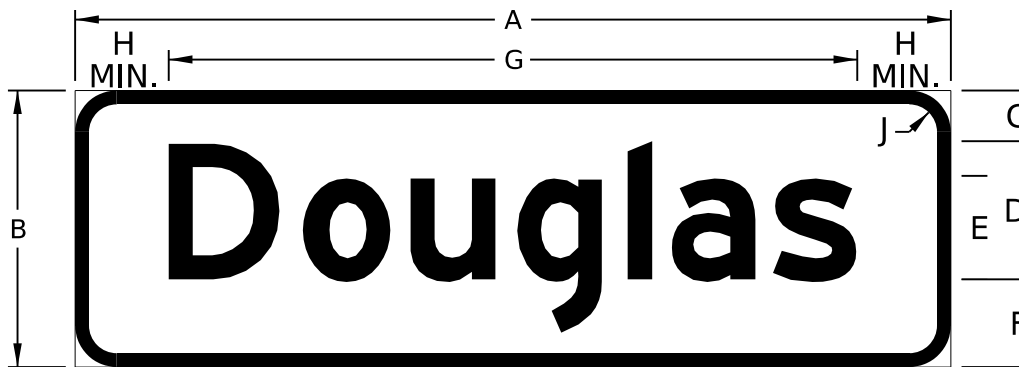
## SINGLE-LINE OVERHEAD STREET NAME SIGN

The Single-Line Overhead Street Name Sign (D3-4) may be mounted overhead at signalized intersections to identify the name of a side road, or the name of the cross road where both legs of the cross road have the same street name. Abbreviations following the street name text may be displayed when determined to be applicable or needed. Messages should conform with the Department's "Name Usage and Abbreviation Guide for Street Name Signs" (see Appendix).

Standard colors shall be white legend and border on a green background, but white-on-blue, white-on-brown, or black-on-white colors may be used if used systematically throughout the municipality.

The D3-4 sign may vary in width as necessary to accommodate the required legend. The legend shall be Standard Alphabet Series B, C, or D, of the highest series possible. The standard size lettering is 12-inch uppercase and 9-inch lowercase. For long street names where the legend would otherwise exceed the maximum width which can be structurally or physically accommodated, the spacing between characters may be compressed up to 35 percent, as necessary. If a sign using the standard size lettering is still too large, this will serve as engineering justification for using smaller size lettering. The smallest size sign may only be used on traffic signal approaches with a 25 mph speed limit.

Although a standard sign blank is not specified, 0.08" aluminum should be used.



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
VAR. x 12"	2.2	6.0	4.4	3.8	VAR.	4.0	1.8	-	0.6	-----
VAR. x 16"	3.0	8.0	6.0	5.0	VAR.	5.0	5.0	-	0.8	-----
VAR. x 16"	2.0	10.6	8.0	3.3	VAR.	3.0	-	-	-	-----
VAR. x 24"	4.4	12.0	9.0	7.6	VAR.	8.0	8.0	-	3.6	-----

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D3-5

## DOUBLE-LINE OVERHEAD STREET NAME SIGN

The Double-Line Overhead Street Name Sign (D3-5) may be mounted overhead at signalized intersections to identify the name of the cross road where each leg of the cross road has a different street name.

Standard colors shall be white legend and border on a green background, but white-on-blue, white-on-brown, or black-on-white colors may be used if used systemattically throughout the municipality.

The D3-5 sign may vary in width as necessary to accommodate the required legend. The legend shall be Standard Alphabet Series B, C, or D, of the highest series possible. The standard size lettering is 12-inch uppercase and 9-inch lowercase. For long street names where the legend would otherwise exceed the maximum width which can be structurally or physically accommodated, the spacing between characters may be compressed up to 35 percent, as necessary. If a sign using the standard size lettering is still too large, this will serve as engineering justification for using smaller size lettering. The smallest size sign may only be used on traffic signal approaches with a 25 mph speed limit.

Although a standard sign blank is not specified, 0.08" aluminum should be used.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
VAR. x 21"	2.2	6.0	4.4	3.7	VAR.	6.0	4.0	6.2	1.8	-	0.6	-----
VAR. x 28"	3.0	8.0	6.0	5.0	VAR.	8.0	5.0	8.2	2.5	-	0.8	-----
VAR. x 32"	2.0	10.6	8.0	3.3	VAR.	8.0	3.0	10.2	-	-	-	-----
VAR. x 42"	4.4	12.0	9.0	7.4	VAR.	12.0	8.0	12.4	3.6	-	1.2	-----

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D4-2

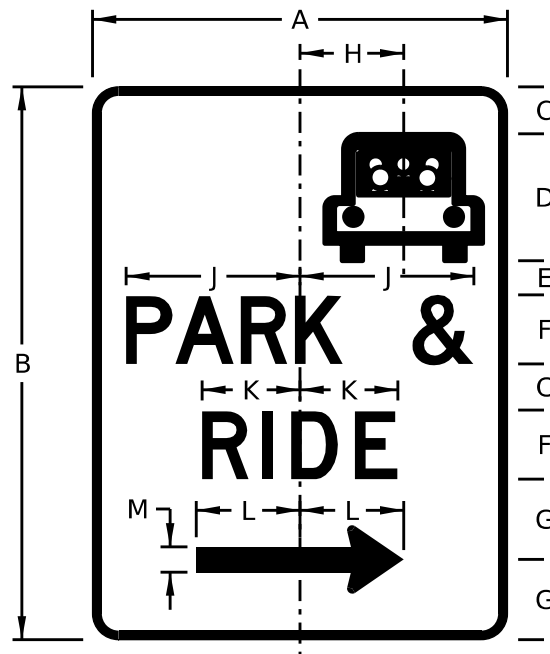
## PARK AND RIDE SIGN

(a) Justification. The Park And Ride Sign (D4-2) shall be authorized for use to guide motorists of "Park and Ride" facilities. If the function of the parking lot is to serve carpool riders, the carpool symbol should be used as indicated below. However, if the function of the parking lot is to provide parking for persons using public transportation, the local transit logo should be used, and if both carpooling and public transportation are served by the parking lot, both the logo and carpool symbol should be used.

(b) Design. When the transit logo is used, it should be in its standard colors. In order to increase the target value and contrast of the logo, it may be necessary to include the logo within a white border or use a white background for the logo. In no case shall the vertical dimension of the logo exceed 18". When used, the transit logo should be in the upper left corner and the carpool symbol in the upper right corner. Directional arrow may face right or left as appropriate.

(c) Placement. The D4-2 sign may be placed on major thoroughfare at the nearest point of access to the public parking facility and elsewhere where it can help traffic seeking the "Park and Ride" area. Generally it should not be used more than three or four blocks from the parking lot.

(d) Size. The standard size of D4-2 sign shall be 36" x 48". The 30" x 36" may be used on minor highways or in urban areas where there is insufficient room for the standard size.



NOTE:

SEE STANDARD ARROW  
FOR DIMENSIONS OR  
ARROWHEAD

DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
30" x 36"	3.0	9.0	3.0	4D	5.0	7.5	10.7	5.6	7.0	1.4	-	0.6	B5-3036
36" x 48"	4.0	11.0	3.0	6D	7.0	9.0	15.1	8.5	9.0	2.2	-	0.8	B5-3648

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

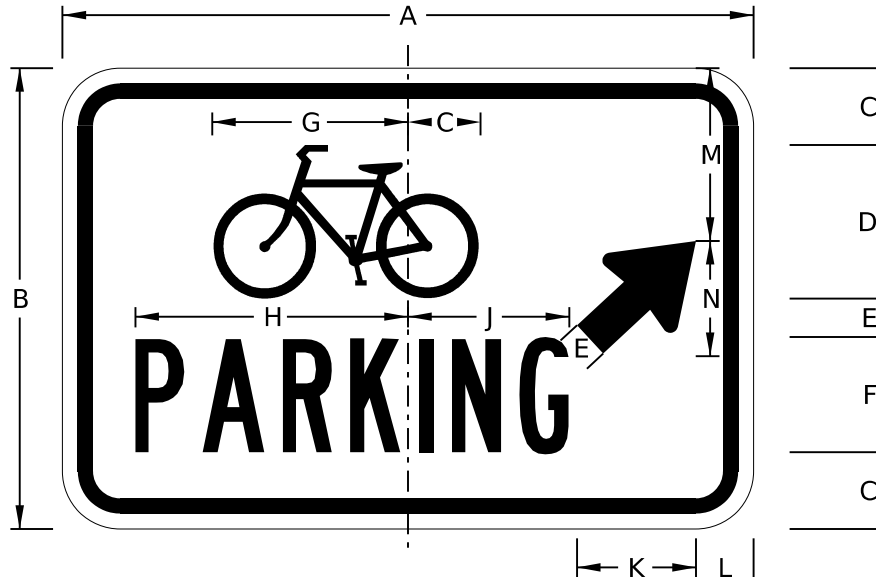
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# D4-3

## BICYCLE PARKING AREA SIGN

The Bicycle Parking Area Sign (D4-3) may be installed to indicate the direction to a designated bicycle parking area. The arrow may be reversed as appropriate.



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
18" x 12"	2.0	4.0	1.0	3B	5.1	7.1	4.2	3.1	1.5	4.5	3.0	0.4	0.4	B5-1218

COLOR:

LEGEND, SYMBOL, ARROW AND BORDER:  
GREEN (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

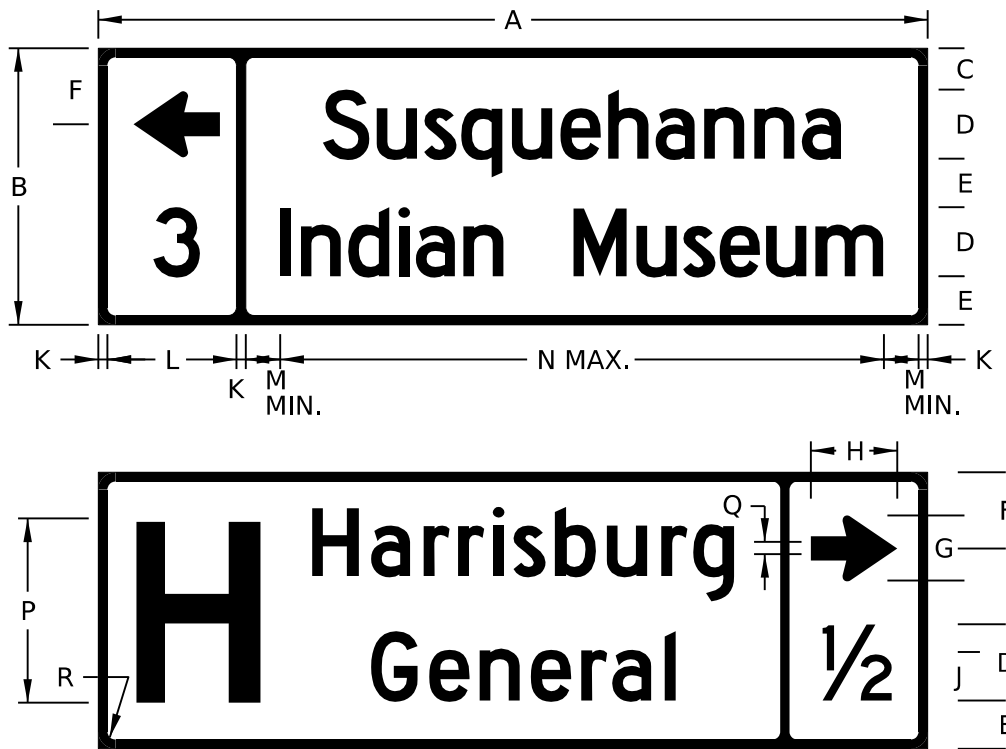
# D7-4

## TOURIST ORIENTED DIRECTIONAL SIGN

(a) Justification. The Tourist Oriented Directional Sign (TODS) (D7-4) may be used on conventional highways to direct motorists to facilities in accordance with the Department's Tourist Oriented Directional Signs (TODS) Policy. One or two lines of legend may be used to identify the name or abbreviation of the attraction.

All TODS except for driver license centers and state parks (for signs on state park system roads), shall be manufactured and installed as directed by the Pennsylvania Tourism Signing Trust.

(b) Design. A rectangular directional box should generally be located on the left side of the sign for attractions that are straight ahead or to the left, or on the right side of the sign for attractions to the right. The box should generally include a directional arrow and a distance of 1/4, 1/2, 3/4 or the nearest whole mile, but the box may be eliminated if it is more appropriate to use directional information such as "DRIVEWAY ON LEFT", "LEFT 1000 FEET", etc., on the second line of legend. All legend shall be Standard Alphabet Series B, C, or D, of the highest series possible. If necessary, the legend may be further condensed up to 35 percent. A generic symbol for hospital, campground or airport may be used in advance of the legend message.



DIMENSIONS - IN																		
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	MAR- GIN	BOR- DER	BLANK STD.	
48" x 16"	2.0	4.0	3.0	4.0	5.1	5.0	2.6	0.6	7.4	2.0	34.8	11.0	1.9	1.0	-	-	-----	
72" x 24"	3.6	6.0	4.2	6.6	7.2	7.5	4.0	0.8	11.2	3.0	52.4	16.0	2.7	1.8	-	-	-----	

COLOR:

LEGEND, SYMBOLS AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

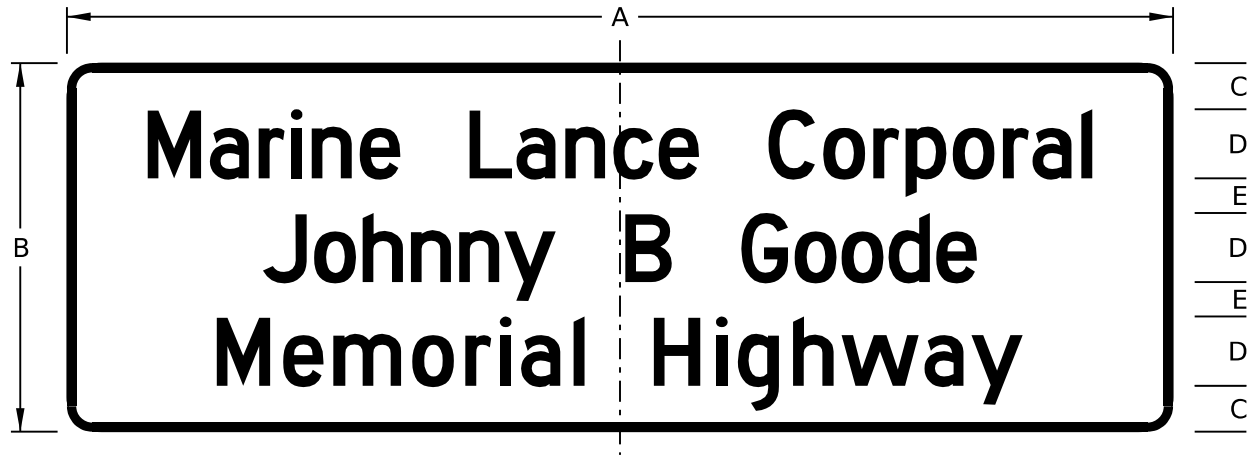
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D7-101

## MEMORIAL HIGHWAY/BRIDGE SIGN

The Memorial Highway/Bridge Sign (D7-101) may be installed to designate the name of a memorial highway or bridge. The legend displayed shall be the name of the memorial highway/bridge as designated in the corresponding legislation enacted by the state legislature or as approved by the Secretary of Transportation.

NOTE: Number of lines will vary depending on the length of designation.



\*CHOOSE 3" or 4" UPPER/LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

DIMENSIONS - IN						
SIGN SIZE A x B	C	D*	E	MAR- GIN	BOR- DER	BLANK STD.
36" x 12"	VAR.	VAR.	VAR.	-	0.4	B5-3612
48" x 16"	VAR.	VAR.	VAR.	-	0.4	B5-4816

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

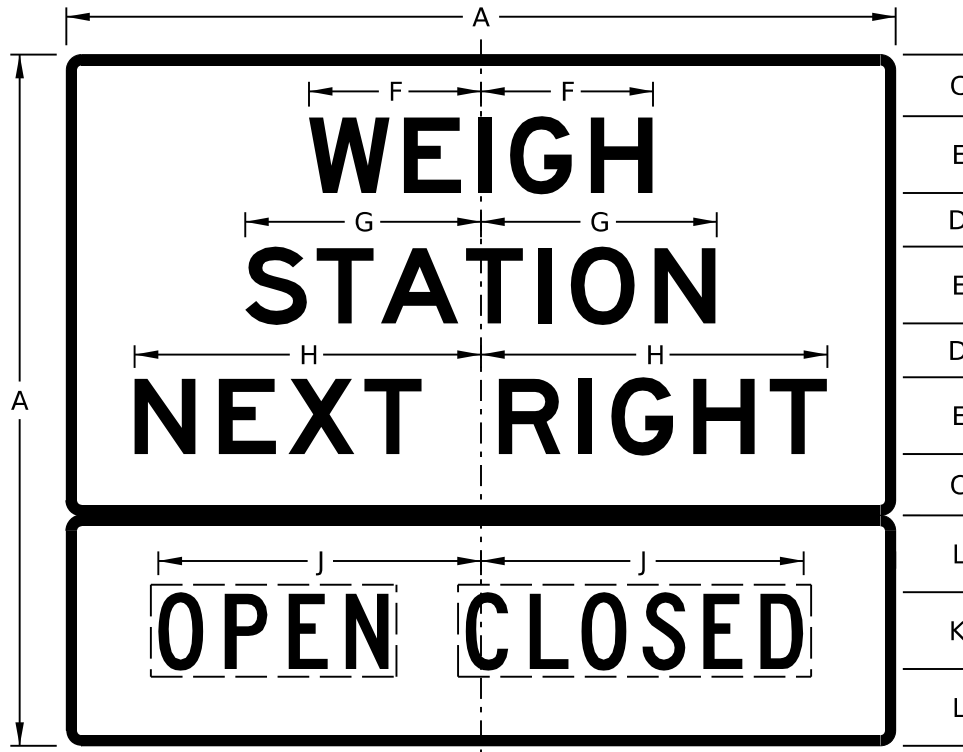


# D8-2

## WEIGH STATION NEXT RIGHT SIGN

(a) Justification. The Weigh Station Next Right Sign (D8-2) will be authorized for use in advance of the Weigh Station Sign (D8-3). The appropriate word message "OPEN" or "CLOSED" shall be displayed by use of a changeable sign or panel. The word "LEFT" may be used in lieu of the word "RIGHT" if appropriate. When used, the D8-2 sign shall be located between the All Trucks Must Enter Station Sign (R13-1-1) and the Weigh Station Sign (D8-3).

(b) Size. The standard size D8-2 sign shall be 108" x 90" for freeways, 84" x 72" for expressways, and 66" x 54" for all other roadways. The 66" x 54" size may, however, be used on any type roadway for mobile or semi-permanent weighing operations.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
66" x 54"	5.0	4.0	6E	13.5	18.4	27.0	25.1	6C	6.0	-	0.8	-----
84" x 72"	6.0	6.0	8E	17.9	24.5	36.0	33.5	8C	8.0	-	1.2	-----
108" x 90"	8.0	7.0	10E	22.4	30.7	45.1	42.0	10C	10.0	-	1.4	-----

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

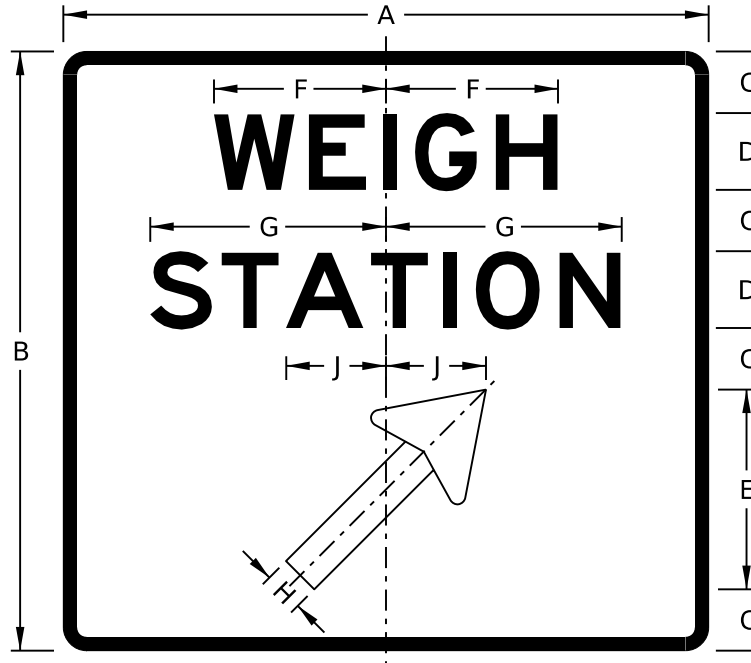
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D8-3

## WEIGH STATION SIGN

(a) Justification. The Weigh Station Sign (D8-3) will be authorized for use at the entrance to a weigh station. When the weigh station is not in operation and a Weigh Station Next Right Sign (D8-2) is not used; this sign shall be folded and covered; or the word "CLOSED" shall be displayed over the arrow.

(b) Size. The standard size D8-3 sign shall be 84" x 78" on freeways, and 66" x 60" on expressways, the 48" x 42" size may, however, be used on any type roadway for mobile or semi-permanent weighing operations.



NOTE:

SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
48" x 42"	4.0	6E	14.0	13.5	18.4	3.6	7.0	-	1.0	-----
66" x 60"	6.0	8E	20.0	17.9	24.5	4.4	10.0	-	1.4	-----
84" x 78"	8.0	10E	26.0	22.4	30.7	5.2	13.0	-	1.8	-----

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

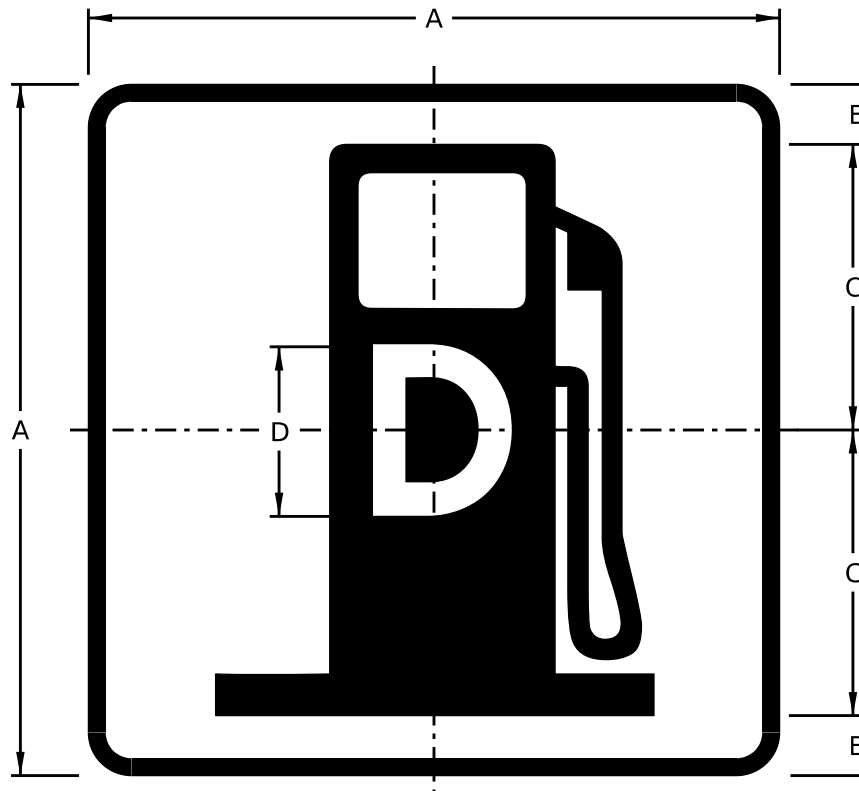
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D9-11

## DIESEL SYMBOL SIGN

The Diesel Symbol Sign (D9-11) may be used to direct drivers on freeways to qualifying diesel facilities in accordance with Department policy. (Note: all diesel facilities must have both gas and diesel and shall be open to passenger cars.) When used as a trailblazer on an exit ramp or conventional highway, a 24" x 12" Services Arrow (D9-2-2) should be used beneath the 24" x 24" size D9-11 sign.



DIMENSIONS - IN						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	2.0	10.0	6E(M)	-	0.4	B3-24
30" x 30"	2.6	12.4	7.5E(M)	-	0.8	B3-30

COLOR:

SYMBOL AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

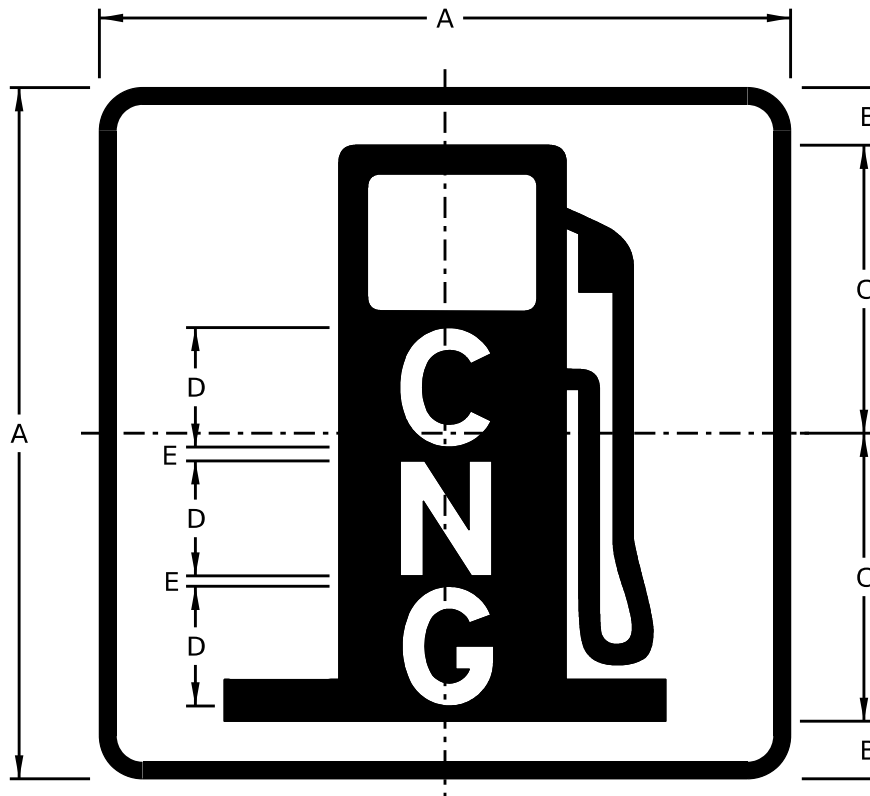
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# D9-11A

## COMPRESSED NATURAL GAS SIGN

The Compressed Natural Gas Sign (D9-11A) may be used to direct drivers on freeways to qualifying compressed natural gas facilities in accordance with Department policy. When used as a trailblazer on an exit ramp or conventional highway, a 24" x 12" Services Arrow (D9-2-2) should be used beneath the 24" x 24" size D9-11A sign.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	2.0	10.0	4E(M)	0.6	-	0.4	B3-24
30" x 30"	2.5	12.5	5E(M)	0.7	-	0.75	B3-30

COLOR:

SYMBOL AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

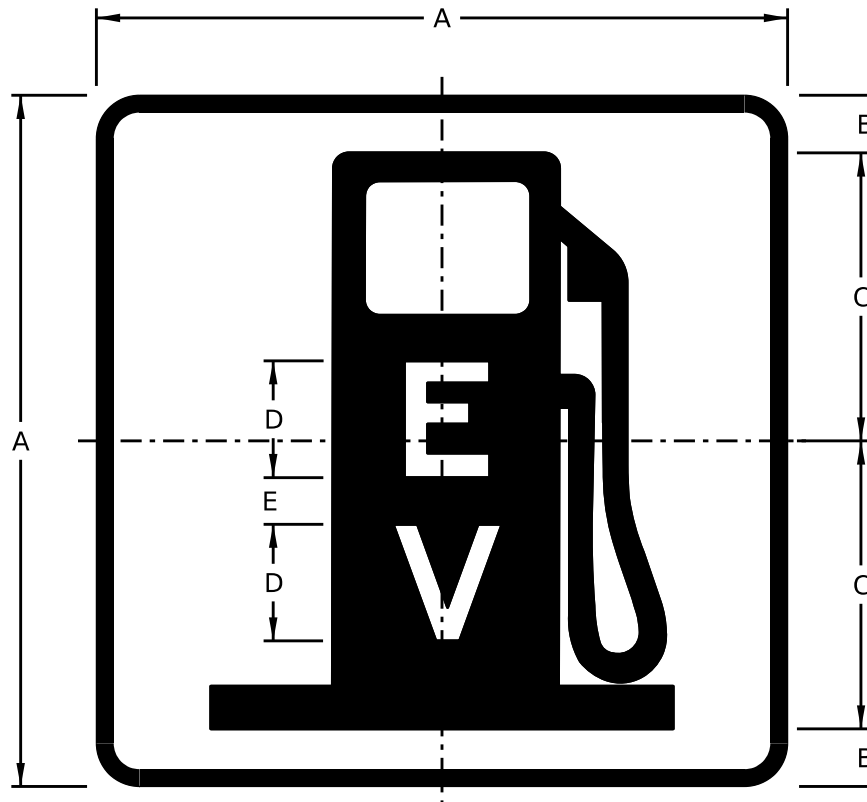
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# D9-11B

## ELECTRIC VEHICLE CHARGING SIGN

The Electric Vehicle Charging Sign (D9-11B) may be used to direct drivers on freeways to qualifying electric vehicle charging facilities in accordance with Department policy. When used as a trailblazer on an exit ramp or conventional highway, a 24" x 12" Services Arrow (D9-2-2) should be used beneath the 24" x 24" size D9-11B sign.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	2.0	10.0	4E(M)	1.75	-	0.5	B3-24
30" x 30"	2.5	12.5	5E(M)	2.0	-	0.75	B3-30

COLOR:

SYMBOL AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

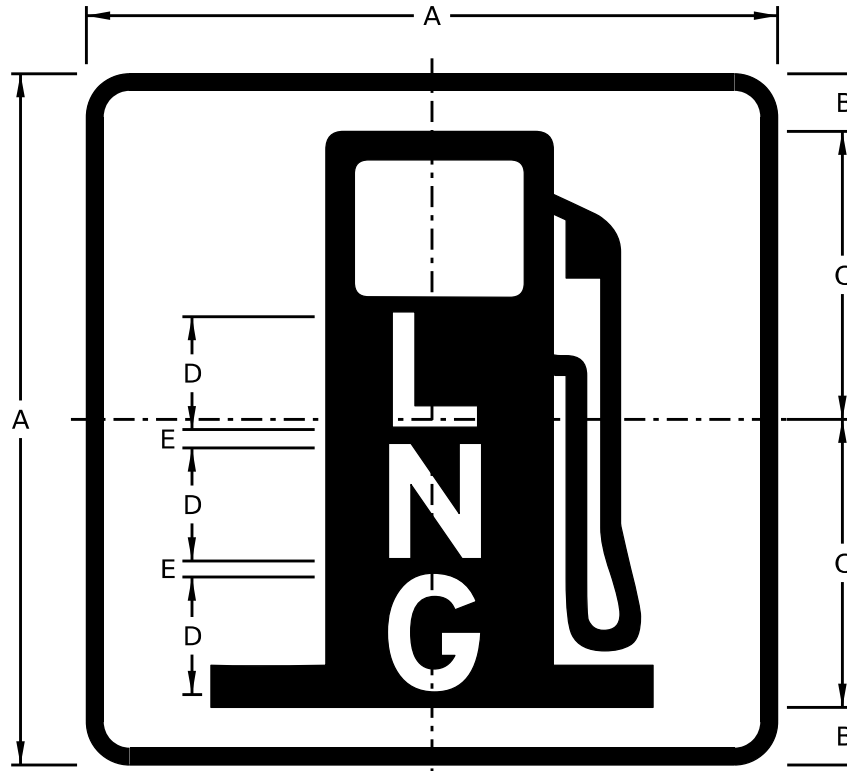
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# D9-11D

## LIQUIFIED NATURAL GAS SIGN

The Liquefied Natural Gas Sign (D9-11D) may be used to direct drivers on freeways to qualifying liquefied natural gas facilities in accordance with Department policy. When used as a trailblazer on an exit ramp or conventional highway, a 24" x 12" Services Arrow (D9-2-2) should be used beneath the 24" x 24" size D9-11D sign.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	2.0	10.0	4E(M)	0.6	-	0.5	B3-24
30" x 30"	2.5	12.5	5E(M)	0.7	-	0.75	B3-30

COLOR:

SYMBOL AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

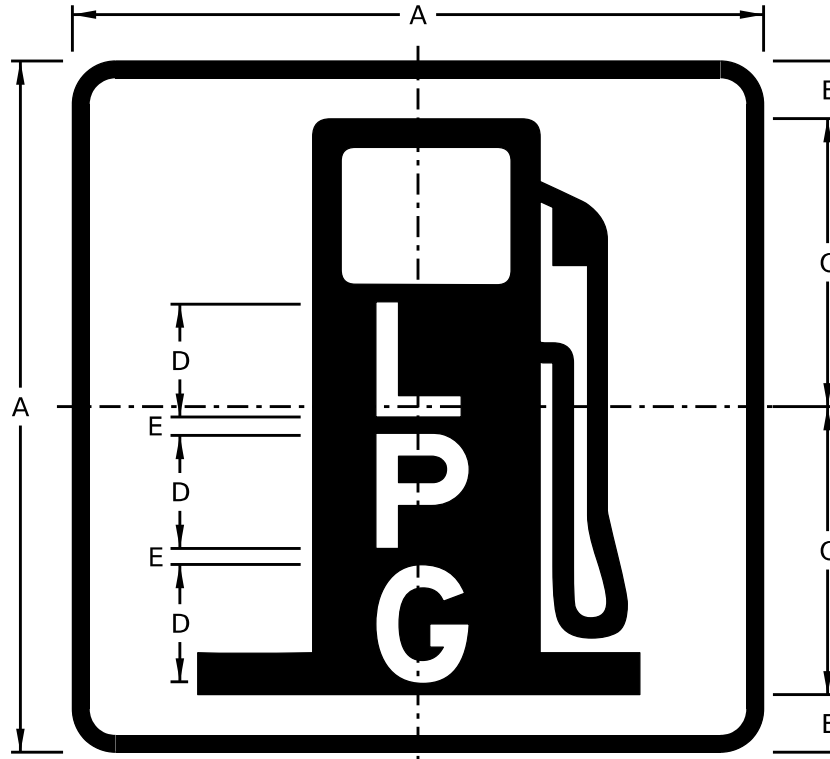
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# D9-11E

## LIQUIFIED PETROLEUM GAS SIGN

The Liquefied Petroleum Gas Sign (D9-11E) may be used to direct drivers on freeways to qualifying liquefied petroleum gas facilities in accordance with Department policy. When used as a trailblazer on an exit ramp or conventional highway, a 24" x 12" Services Arrow (D9-2-2) should be used beneath the 24" x 24" size D9-11E sign.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	2.0	10.0	4E(M)	0.6	-	0.5	B3-24
30" x 30"	2.5	12.5	5E(M)	0.7	-	0.75	B3-30

COLOR:

SYMBOL AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

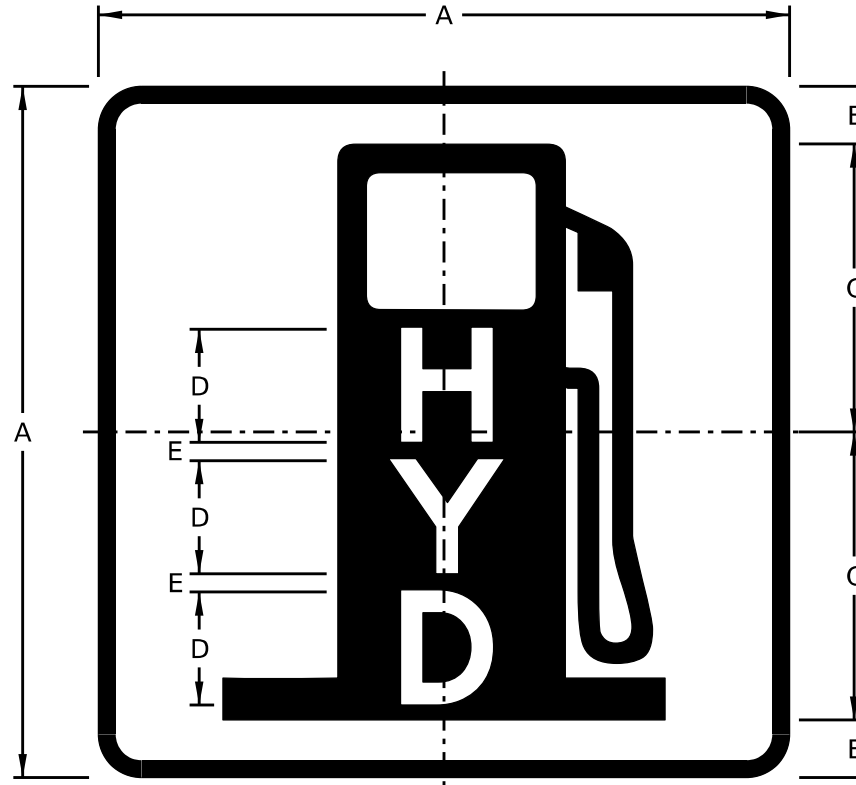
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# D9-11F

## HYDROGEN FUEL SIGN

The Hydrogen Fuel Sign (D9-11F) may be used to direct drivers on freeways to qualifying hydrogen fuel facilities in accordance with Department policy. When used as a trailblazer on an exit ramp or conventional highway, a 24" x 12" Services Arrow (D9-2-2) should be used beneath the 24" x 24" size D9-11F sign.



DIMENSIONS - IN							
SIGN SIZE A x A	B	C	D	F	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	2.0	10.0	4E(M)	0.6	-	0.5	B3-24
30" x 30"	2.5	12.5	5E(M)	0.7	-	0.75	B3-30

COLOR:

SYMBOL AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

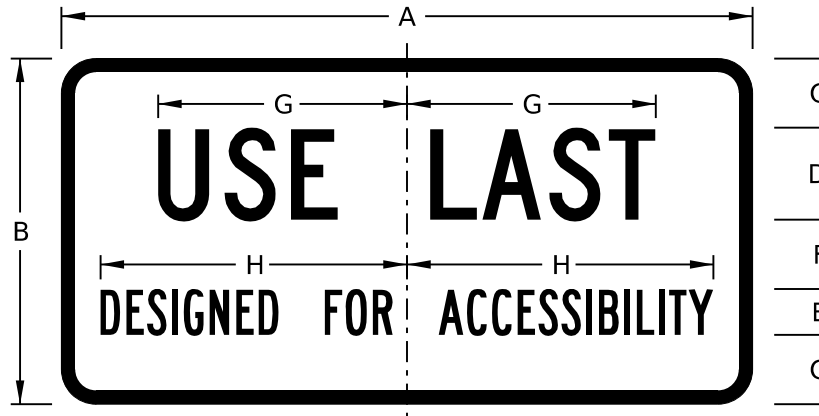
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations



# D9-11-1P

## USE LAST - DESIGNED FOR ACCESSIBILITY SIGN

The Use Last - Designed For Accessibility Sign (D9-11-1P) may be installed beneath D9-11 Series signs to indicate that a specific fuel pump is designed for accessibility and should only be used by the general public when all other pumps are in use.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	2.5	3C	1.5B	2.5	8.1	10.8	-	0.4	B5-2412
30" x 15"	3.0	4C	2B	3.0	10.8	13.3	-	0.6	B5-3015

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

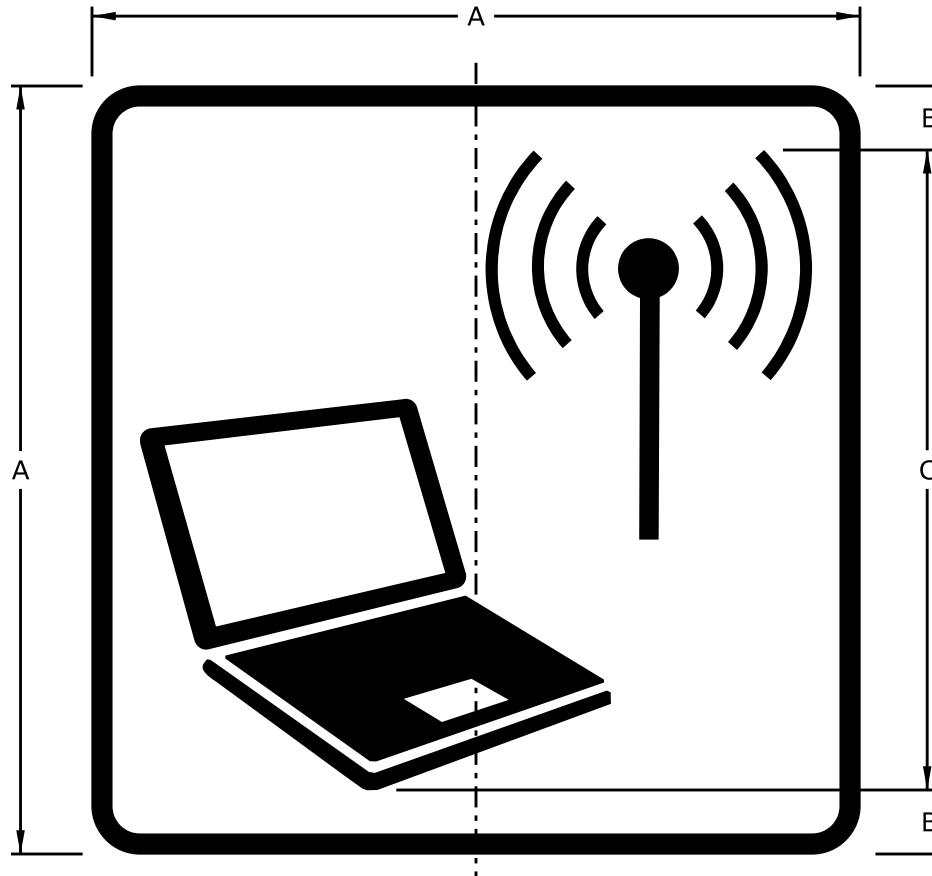
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D9-22

## WIRELESS INTERNET SIGN

The Wireless Internet Sign (D9-22) may be used to direct drivers on freeways to Welcome Centers which offer wireless internet service. The D9-22 sign shall be used as a supplemental sign beneath the advance guides for Welcome Center.

The standard size of the D9-22 sign shall be 30" x 30".



DIMENSIONS - IN					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	2.0	20.0	-	0.6	B3-24
30" x 30"	2.5	25.0	-	0.8	B3-30

COLOR:

SYMBOL AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

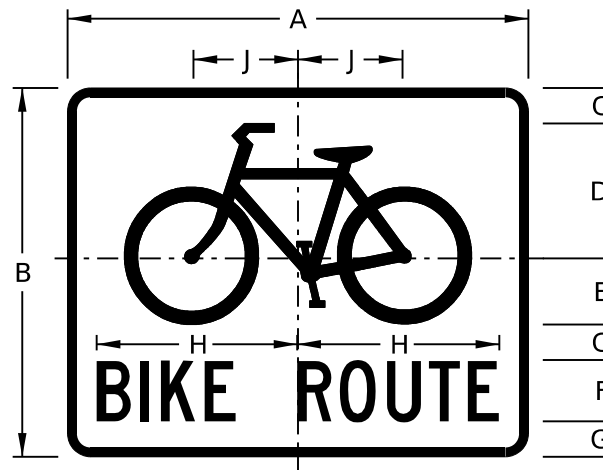
By : \_\_\_\_\_ Date : XX-XX-25  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# D11-1

## BIKE ROUTE SIGN

(a) Justification. The Bike Route Sign (D11-1) shall be authorized for use to guide cyclists on a predetermined bike route that may be a trail, secondary road or a combination of safe and suitable surfaces. The Information Arrow (I4-1-2) shall be mounted below this sign where the route changes direction.

(b) Size. The standard size of D11-1 sign shall be 24" x 18".



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
24" x 18"	1.5	7.0	3.5	3C	1.5	9.8	5.5	-	0.4	B5-2418
30" x 24"	2.3	8.8	4.3	4C	2.3	13.1	6.8	-	0.6	B5-3024

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D14-103

## ALL TRAFFIC MUST EXIT SIGN

The All Traffic Must Exit Sign (D14-103) may be used for signing emergency detours on limited access facilities to indicate that traffic must exit. The D14-103 sign should be used in conjunction with proper lane closure signs and emergency detour signing.



DIMENSIONS - IN										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
*48" x 48"	5.25	6E	4.5	8.6	18.8	11.9	9.4	0.8	1.0	B3-48
60" x 60"	6.5	8E	5.0	11.5	25.0	15.9	12.5	1.0	1.5	B3-60

\*Roll-up sign only.

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

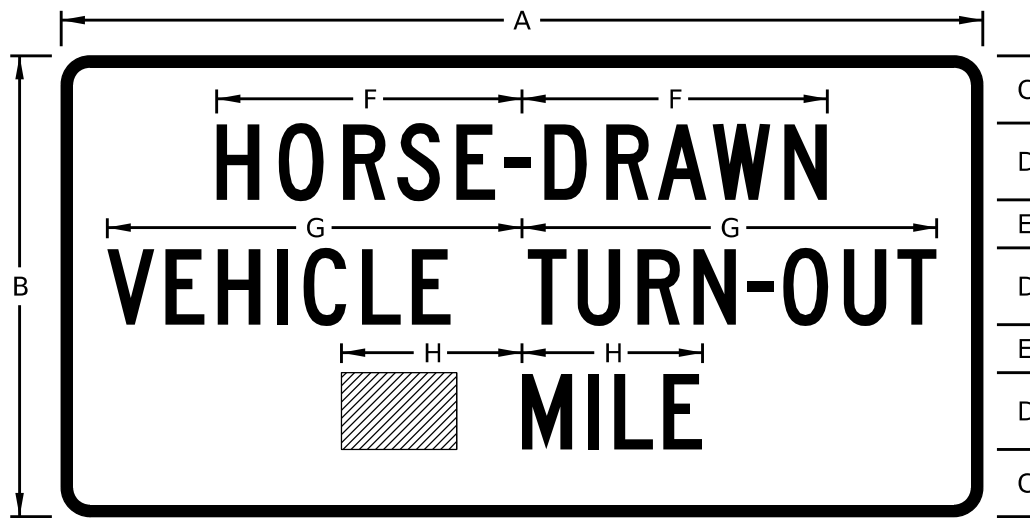
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# D16-101

## HORSE-DRAWN VEHICLE TURN-OUT (X) MILES SIGN

The Horse-Drawn Vehicle Turn-out (X) Miles Sign (D16-101) shall be used in advance of a horse-drawn vehicle turn-out to indicate where horse-drawn vehicles may leave the roadway to allow faster moving vehicles to pass. The D16-101 sign should be used in conjunction with the Horse-Drawn Vehicle Turn-out (Arrow) Sign (D16-102). In lieu of 'MILE', 'MILES' or 'FT' may be used as appropriate.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	H	BOR- DER	BLANK STD.
48" x 24"	3.5	4C	2.5	15.9	21.6	9.4	0.6	B5-4824

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

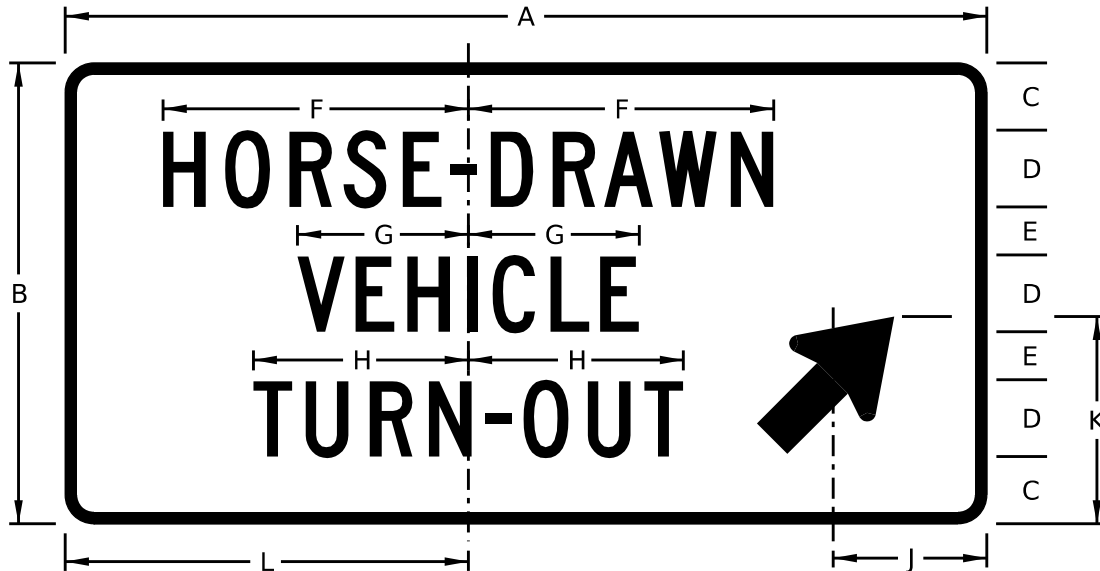
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# D16-102

## HORSE-DRAWN VEHICLE TURN-OUT (ARROW) SIGN

The Horse-Drawn Vehicle Turn-out (Arrow) Sign (D16-102) Shall be used to indicate the specific location where horse-drawn vehicles are to pull-off the roadway to allow faster moving vehicles to pass. The D16-102 sign shall be used in conjunction with the Horse-Drawn Vehicle Turn-out (X) Miles Sign (D16-101).



NOTE:  
SEE STANDARD ARROW  
FOR DIMENSIONS OF  
ARROWHEAD

DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.
48" x 24"	3.5	4C	2.5	15.9	8.9	11.2	8.0	10.8	21.0	0.6	B5-4824

COLOR:

LEGEND, BORDER AND ARROW:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

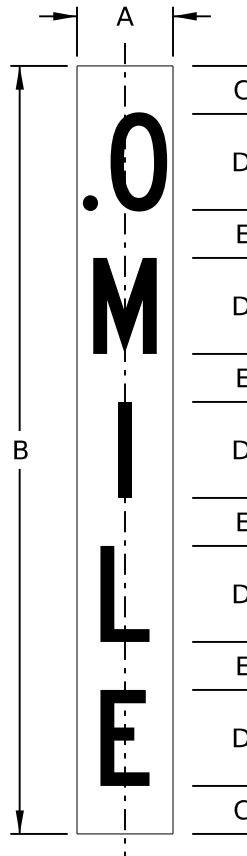
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# I1-101

## SPEED CHECK MARKER SIGN

(a) Justification. The Speed Check Marker Sign (I1-101) shall be authorized for use to indicate the beginning of, intermediate check points, and ending of a section of highway where police officers measure the speed of vehicles by helicopter or other aircraft over a marked distance for enforcement purposes. The legend on the beginning marker shall show the distance .0 MILE and the legend on each succeeding marker, including the end marker, shall show the exact surveyed or measured distance in tenths of miles the marker is from the beginning marker.

(b) Placement. The marker shall be placed not less than 6 feet outside the outer edge of the right shoulder, or if appropriate, in line with the guide rail. They shall be placed perpendicular to the centerline of the roadway and directly in line with the surveyed or measured speed check point which will be identified by a transverse white pavement marking line on the roadway.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
3" x 24"	1.5	3C	1.5	-	-	-----

COLOR:

LEGEND:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

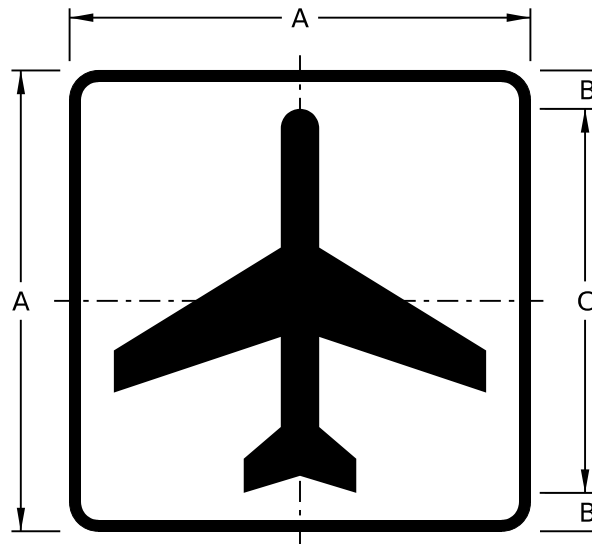
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I3-5

## AIRPORT SIGN

(a) Justification. The Airport Sign (I3-5) shall be authorized for use to direct motorists to airports. The use of the I3-5 sign shall be limited to locations in the vicinity of the airport, trailblazing traffic from the nearest numbered traffic route or other major arterial highway; except that the I3-5 sign shall not be installed on any expressway or highway unless the airport is a commercial airport. If the nearest numbered traffic route has a light average daily traffic volume (ADT) of less than 1500 vehicles, the I3-5 sign may be installed on other than the nearest numbered traffic route if the locations are within 5 MILES of the airport. The Specific Name Plaque (I3-5-1P) and the Information Arrow (I4-1-2) may be mounted below this sign. When an area is served by more than one airport, a plaque with the name of the airport may be used in conjunction with the I3-5 sign.

(b) Size. The use of the larger size I3-5 sign shall be reserved for use on multilane highways.



DIMENSIONS - IN					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	2.0	20.0	-	0.4	B3-24
30" x 30"	2.5	25.0	-	0.8	B3-30

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

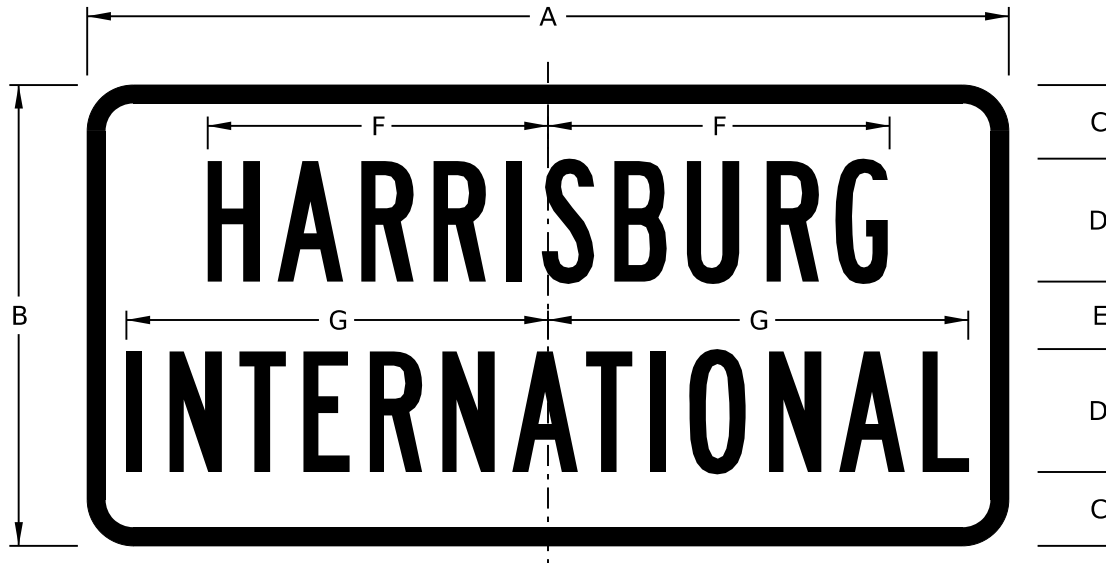
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# I3-5-1P

## SPECIFIC NAME PLAQUE

The Specific Name Plaque (I3-5-1P) may be used beneath the Airport Sign (I3-5), the Bus Station Sign (I3-6), or the Train Station Sign (I3-7). When used, it should be the same width as the sign it supplements.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 12"	2.0	3*	2.0	VAR.	VAR.	-	0.4	B5-2412
30" x 15"	2.4	4*	2.2	VAR.	VAR.	-	0.6	B5-3015

\*CHOOSE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

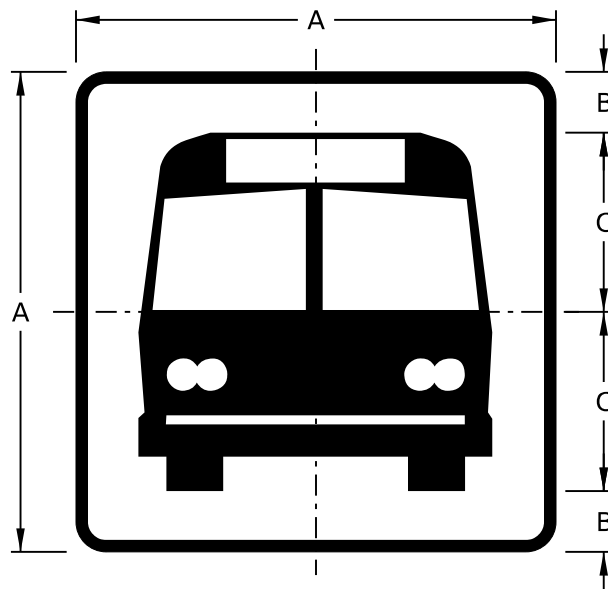
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I3-6

## BUS STATION SIGN

(a) Justification. The Bus Station Sign (I3-6) will be authorized for use to direct motorists to bus stations. The use of the I3-6 sign should be limited to locations in the vicinity of the bus station, trailblazing traffic from the nearest numbered traffic route or other major arterial highway. If the nearest numbered traffic route has a light average daily traffic volume (ADT) of less than 1500 vehicles, the I3-6 sign may be installed on other than the nearest numbered traffic route if the locations are within 5 MILES of the bus station. When an area is served by more than one intercity bus station, a plaque with the name of the bus station may be used in conjunction with the I3-6 sign. The Information Arrow (I4-1-2) should be mounted below the I3-6 sign.

(b) Size. The use of the larger size I3-6 sign shall be reserved for use on multilane highways.



DIMENSIONS - IN					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	3.0	9.0	-	0.4	B3-24
30" x 30"	3.8	11.2	-	0.8	B3-30

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

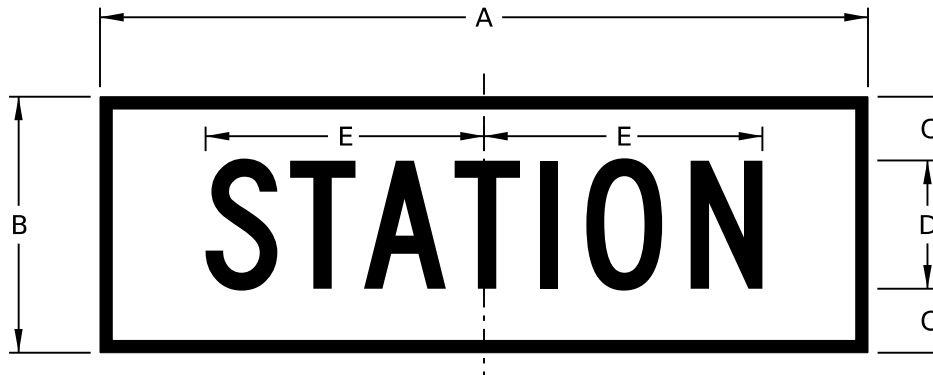
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I3-6-1P

## STATION SIGN

The Station Sign (I3-6-1P) may be used as an educational plaque beneath the Bus Station Sign (I3-6).



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 8"	2.0	4C	8.7	-	0.4	-----

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

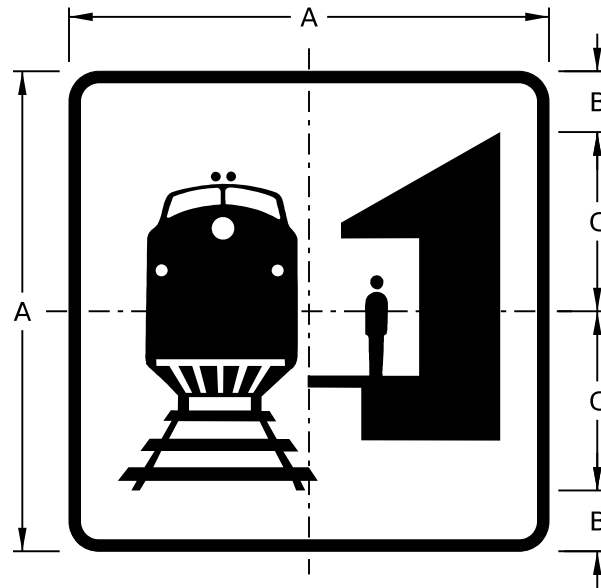
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I3-7

## TRAIN STATION SIGN

(a) Justification. The Train Station Sign (I3-7) will be authorized for use to direct motorists to train stations. The use of the I3-7 sign should be limited to locations in the vicinity of the train station, trailblazing traffic from the nearest numbered traffic route or other major arterial highway. If the nearest numbered traffic route has a light average daily traffic volume (ADT) of less than 1500 vehicles, the I3-7 sign may be installed on other than the nearest numbered traffic route if the locations are within 5 MILES of the train station. When an area is served by more than one train station, a plaque with the name of the train station may be used in conjunction with the I3-7 sign. The Information Arrow (I4-1-2) may be mounted below the I3-7 sign.

(b) Size. The use of the larger size I3-7 sign shall be reserved for use on multilane highways.



DIMENSIONS - IN					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	3.0	9.0	-	0.4	B3-24
30" x 30"	3.8	11.2	-	0.8	B3-30

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

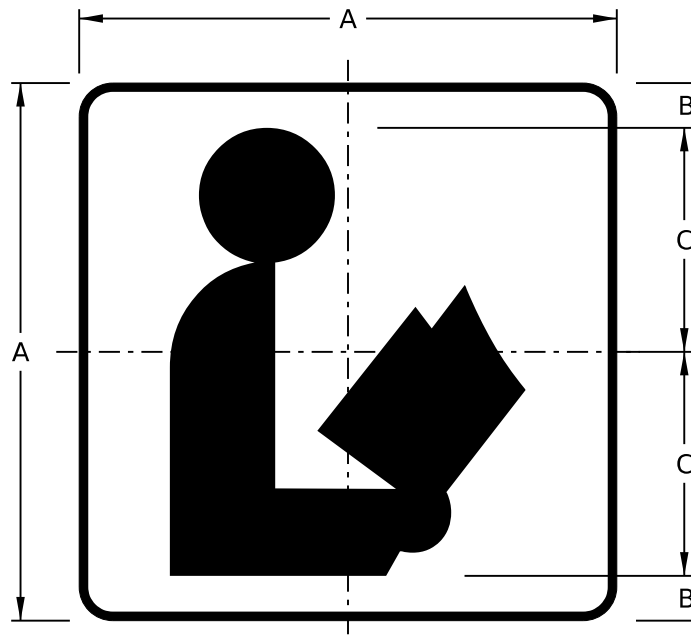
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I4-1

## LIBRARY SIGN

The Library Sign (I4-1) may be used to direct motorists to public libraries from the nearest numbered traffic route or other major highway. The Information Arrow (I4-1-2) should be mounted below the I4-1 sign.



DIMENSIONS - IN					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	2.0	10.0	-	0.4	B3-24

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

## RECYCLING CENTER SIGN

The Recycling Center Sign (I4-2) may be used to direct motorists to permanent recycling collection centers from the nearest numbered traffic route or other major highway. The recycling center must be open to the public and consistently take a minimum of three (Act 1988-101) materials. These materials include: clear glass, colored glass, aluminum, steel and bimetallic cans, high-grade office paper, newsprint, corrugated paper, and plastics. These signs shall not be used in urban areas or on freeways and expressways. The Information Arrow Sign (I4-1-2) may be used below the I4-2 to indicate the direction of all required turns.



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 24"	2.0	10.0	3C	5.0	8.9	6.2	-	0.4	B3-24

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

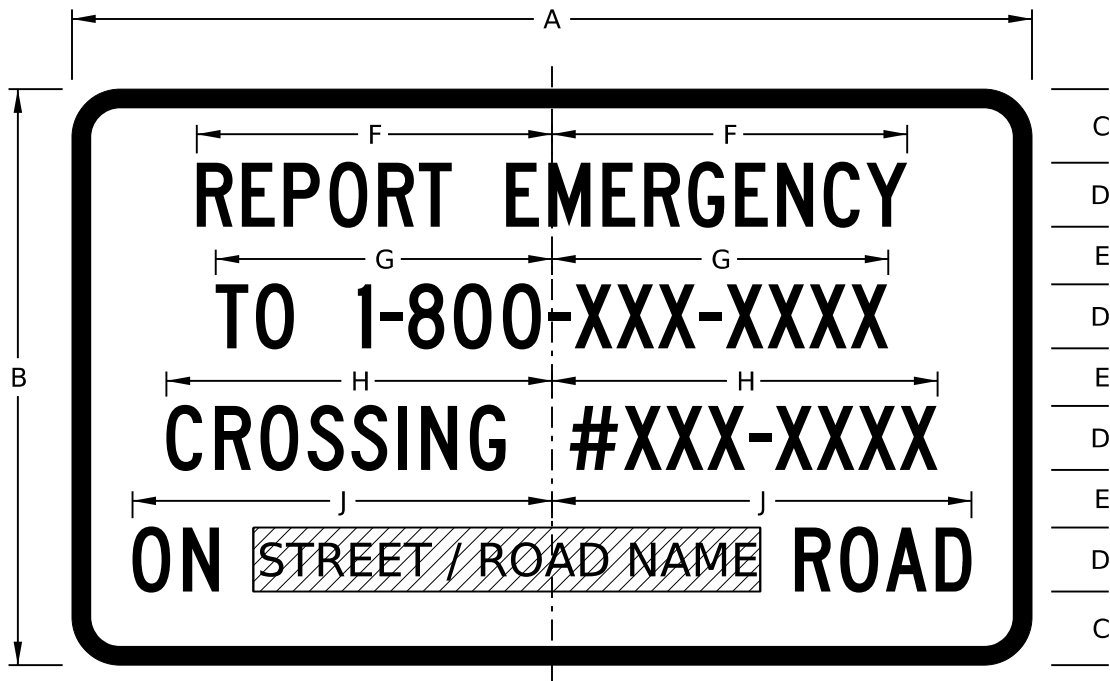
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
 Manager, Traffic Engineering & Permits Section,  
 Bureau of Operations

# I13-1

## EMERGENCY NOTIFICATION SIGN

The Emergency Notification Sign (I13-1) is to facilitate emergency notification of the railroad, especially in the event that a vehicle is stalled or disabled on the railroad tracks.



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
30" x 18"	2.3	2C	1.8	11.1	VAR.	VAR.	VAR.	-	0.3	B5-3018

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I2-101

## WELCOME TO PENNSYLVANIA

The Pennsylvania Welcomes You Sign (I2-101) may be used on major highways near the point of entry into the Commonwealth.

The standard size of the I2-101 sign is 288" x 144" for Interstate highways, 192" x 108" for other expressways and freeways, and 144" x 78" for conventional highways.



SIGN SIZE A x B	
144" x 78"	Please contact: Bureau of Operations, Traffic Engineering and Permits Section for dimensioning details.
192" x 108"	
264" x 144"	
288" x 144"	

### COLOR:

'WELCOME TO', 'LET FREEDOM RING' & BELL YOKE:

RED (REFLECTORIZED)

'PENNSYLVANIA', 'EST. 1861' GOVERNOR'S NAME,

BELL AND BORDER:

BLUE (REFLECTORIZED)

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# I2-101A

## ALTERNATE WELCOME TO PENNSYLVANIA SIGN

The Alternate Welcome to Pennsylvania Sign (I2-101A) may be used near the point of entry into the Commonwealth on any roadway which does not have a Pennsylvania Welcomes You Sign (I2-101) erected.

The standard size of the I2-101A sign is 48" x 24". However, where adequate space exists, the 72" x 36" size may be used.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
48" x 24"	4.0	7.0	5.0	32.0	43.3	-	0.8	B7-4824
72" x 48"	6.0	10.4	7.6	48.0	64.3	-	0.8	-----

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

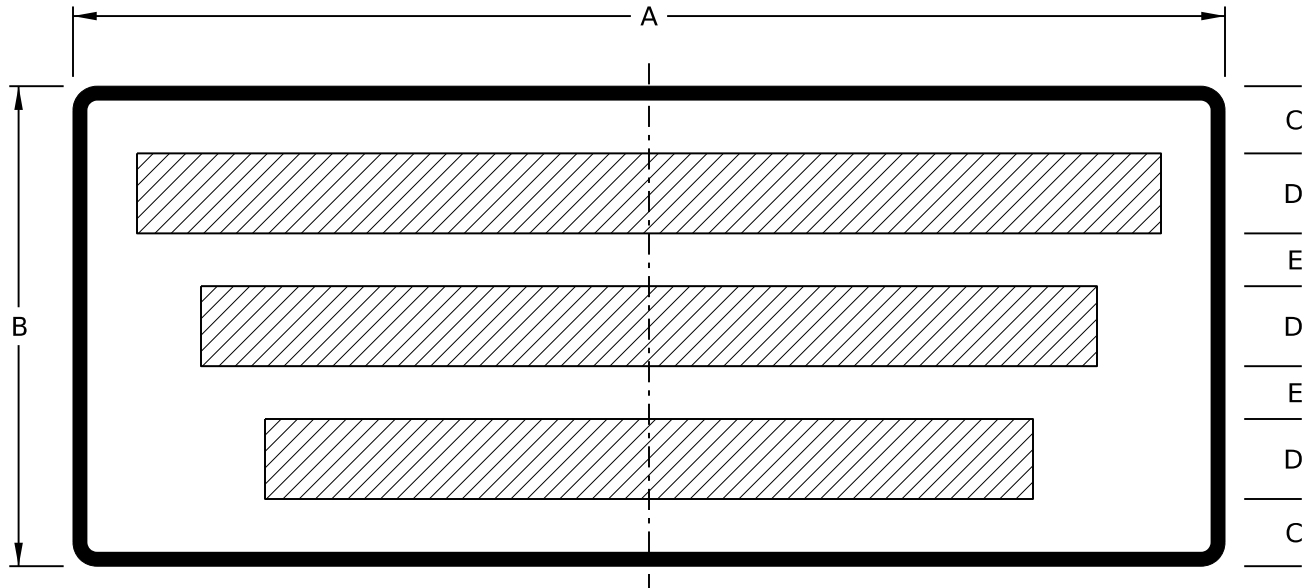
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I2-102

## MOUNTAIN SUMMIT AND ELEVATION SIGN

(a) Justification. The Mountain Summit and Elevation Sign (I2-102) may be used on United States and Pennsylvania numbered traffic routes to advise motorists of the summit name, mountain range name and the elevation of the summit.

(b) Placement. The I2-102 sign shall be located either on or before the summit at an advantageous location.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
120" x 60"	8.4	10*	6.6	-	1.8	B13-12060
144" x 60"	8.4	10*	6.6	-	1.8	B13-14460

\*CHOOSE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

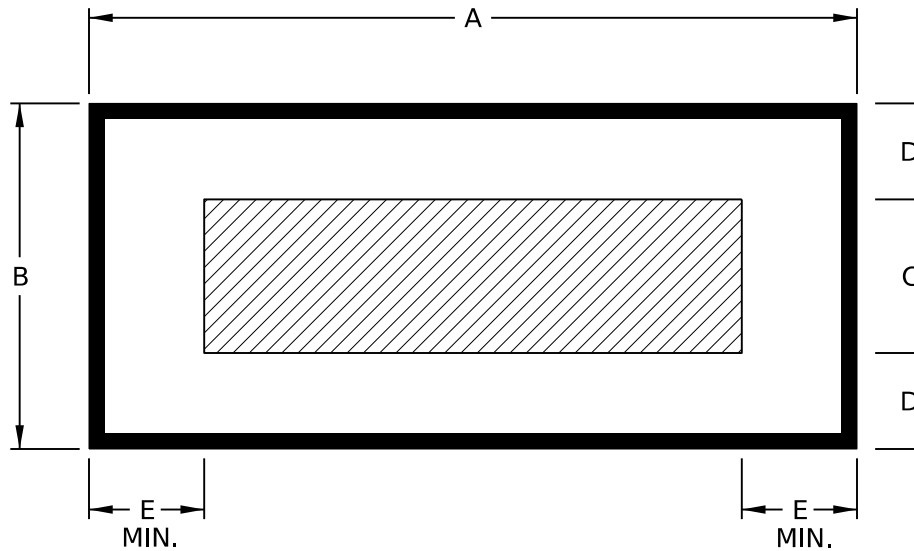
# I18-1

## OVERHEAD ROADWAY IDENTIFICATION SIGN

The Overhead Roadway Identification Sign (I18-1) is authorized for use on expressway or freeway systems to provide motorists with identification of the numbered or state route designation of the roadway, or the name of the roadway on an overhead bridge.

When used as a Wayfinding Sign on a Bridge over a water trail, the I18-1 Sign shall have a non-reflective Blue background with non-reflective White Legend.

The Overhead Roadway Identification sign shall be mounted in an overhead position, parallel and flush to the overpass bridge parapet facia when possible or in an otherwise similar and appropriate position. The sign shall be centered over the roadway approach and care should be taken to avoid mounting signs over expansion joints.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
VAR. x 18"	8*	5.0	6.0	-	0.8	-----

\*CHOOSE UPPER/LOWER CASE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
GREEN (REFLECTORIZED)

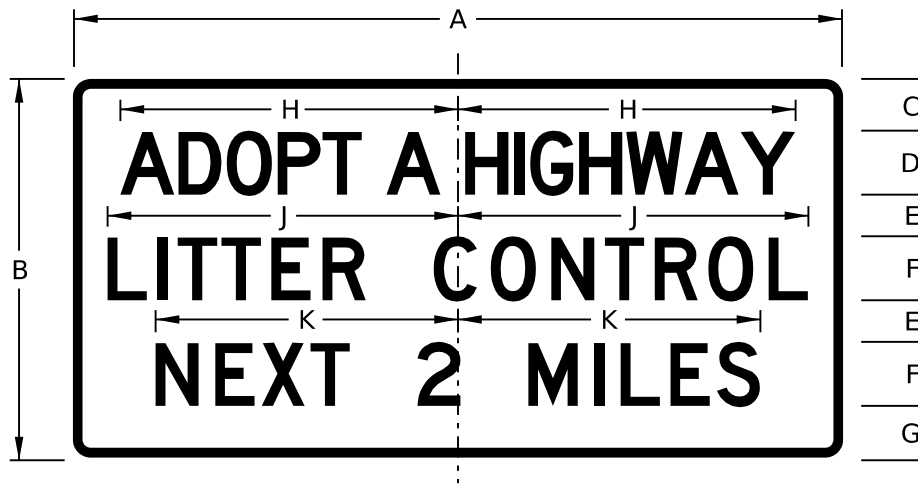
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I20-2-1

## ADOPT-A-HIGHWAY, NEXT 2 MILES SIGN

This sign may be erected at each end of an adopted 2 MILES section of highway to inform motorists of the litter control program. The sign should be placed together with an I20-Series plaque designating an individual or group name. The I20-2-1 sign shall be mounted above the I20-Series plaque. Only one Adopt-A-Highway sign installation is to be erected in each direction of travel along a 2 MILES section of highway. The larger 48"x 24" sign is for use on freeways and expressways only.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
36" x 18"	2.5	3C	2.0	3C	2.5	16.3	14.0	12.4	-	0.4	B5-3618
48" x 24"	3.4	4D*	2.6	4D	3.4	21.1	21.9	18.9	-	0.8	B5-4824

\*REDUCE SPACING 60%

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

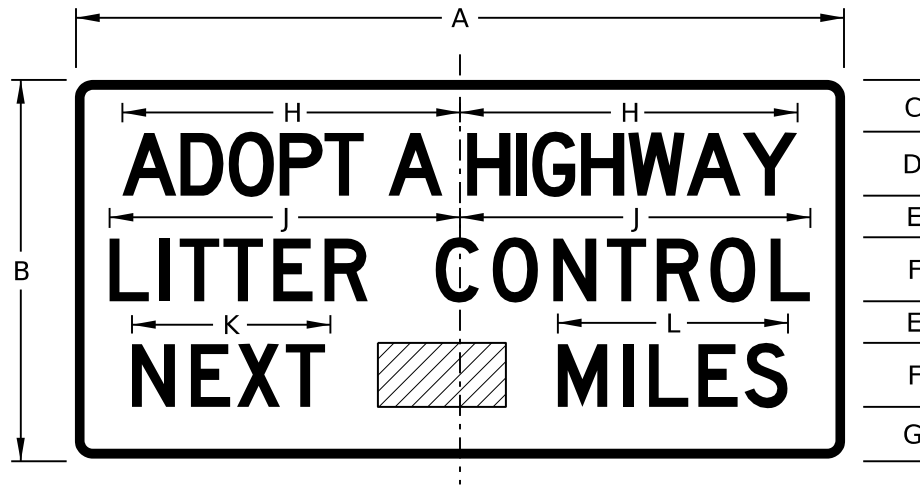
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I20-2-2

## ADOPT-A-HIGHWAY, NEXT ( \_ \_ ) MILES SIGN

This sign may be erected at each end of an adopted ( \_ \_ ) mile section of highway to inform motorists of the litter control program. The sign should be placed together with an I20-Series plaque designating an individual or group name. The I20-2-2 sign shall be mounted above the I20-Series plaque. Only one Adopt-A-Highway sign installation is to be erected in each direction of travel along a ( \_ \_ ) mile section of highway. The larger 48" x 24" sign is for use on freeways and expressways only.



DIMENSIONS - IN												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
36" x 18"	2.5	3C	2.0	3C	2.5	16.3	14.0	7.9	9.3	-	0.4	B5-3618
48" x 24"	3.4	4D*	2.6	4D	3.4	21.1	21.9	12.4	14.7	-	0.6	B5-4824

\*REDUCE SPACING 60%

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

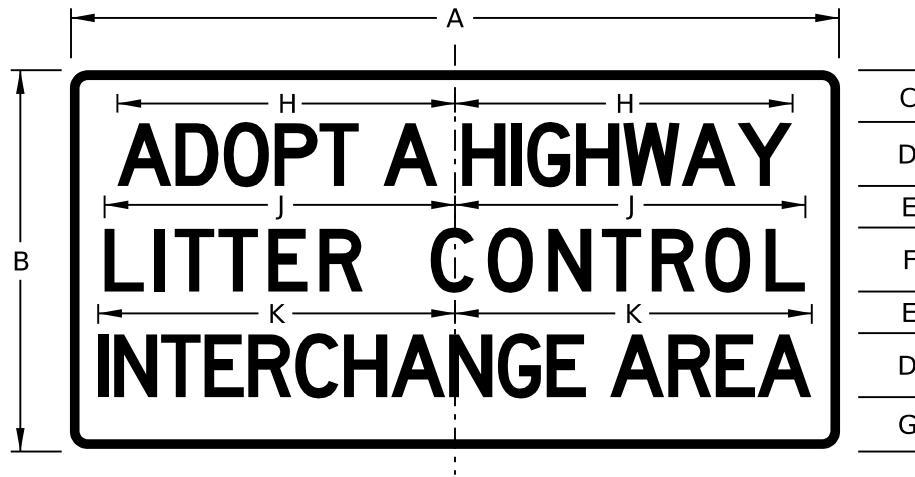
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I20-2-3

## ADOPT-A-HIGHWAY INTERCHANGE AREA SIGN

This sign may be erected, one in each direction of travel, in the infield area(s) of an interchange to inform motorists of the litter control program. A maximum of two signs per group per interchange is permitted. Signs in the infield areas may face either the mainline or a ramp depending upon terrain and / or sight distance. The larger size sign will be used when facing mainline or ramp traffic. The smaller size sign will be used if the sign is erected on a conventional road which crosses an interchange area.



DIMENSIONS - IN											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
36" x 18"	2.5	3C	2.0	3C	2.5	16.3	14.0	16.7	-	0.4	B5-3618
48" x 24"	3.4	4D*	2.6	4D	3.4	21.1	21.9	22.3	-	0.6	B5-4824

\*REDUCE SPACING 60%

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

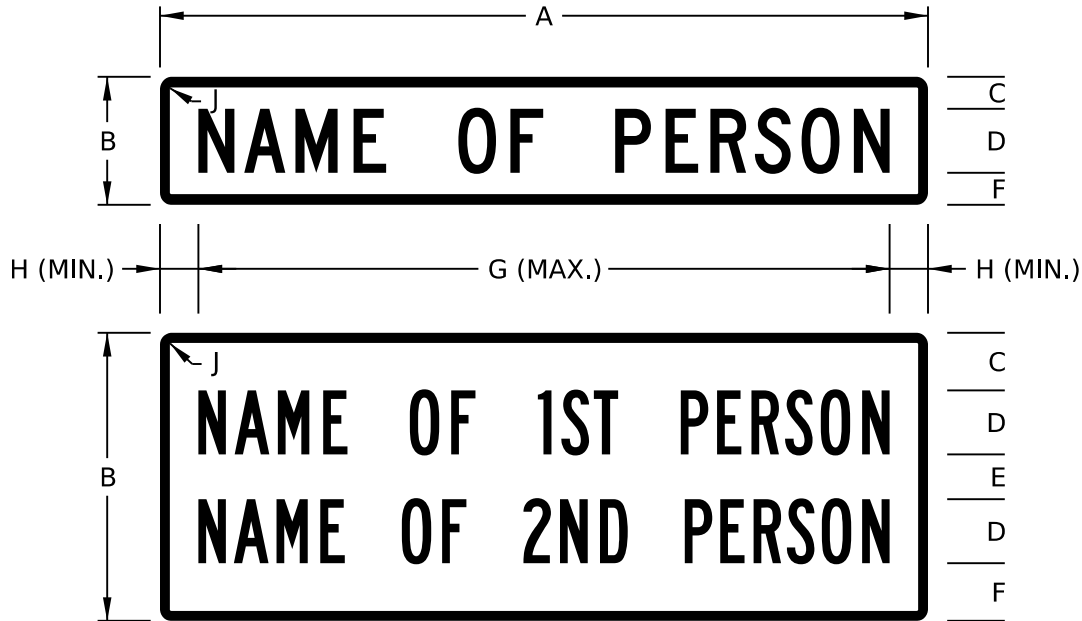
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I20-2-1P AND I20-2-2P

## NAME OF PERSON(S) PLAQUE

The Name of Person(s) Plaque containing a one-line or two-line message is for use beneath an I20-Series Adopt-A-Highway sign. The I20-2-1P is a one-line plaque. The I20-2-2P is a two-line plaque. Plaque width shall be the same as the I20-Series sign above it. When a roadway section is not currently adopted, "AREA AVAILABLE CALL 1-800-FIX-ROAD" may be used as the plaque legend.



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
36" x 8"	2.5	3*	-	2.5	32.0	2.0	0.4	-	0.4	B5-3608
36" x 12"	2.2	3*	1.6	2.2	32.0	2.0	0.4	-	0.4	B5-3612
48" x 8"	2.0	4*	-	2.0	43.2	2.4	0.6	-	0.6	B5-4808
48" x 16"	3.6	4*	2.8	3.6	43.2	2.4	0.6	-	0.6	B5-4818

\*CHOOSE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

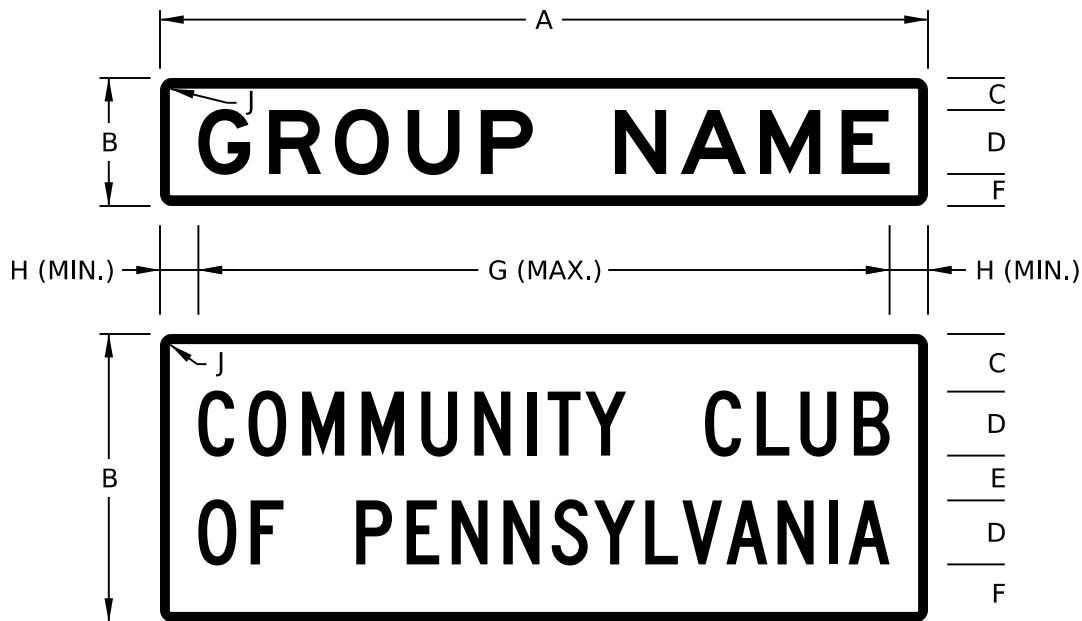
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I20-2-3P AND I20-2-4P

## GROUP NAME PLAQUE

The Group Name Plaque containing a one-line or two-line message is for use beneath an I20-Series Adopt-A-Highway sign. The I20-2-3P plaque is a one-line plaque. The I20-2-4P plaque is a two-line plaque. When a roadway section is not currently adopted, "AREA AVAILABLE CALL 1-800-FIX-ROAD" may be used as the plaque legend.



DIMENSIONS - IN										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
36" x 8"	2.5	3*	-	2.5	32.0	2.0	0.4	-	0.4	B5-3608
36" x 12"	2.2	3*	1.6	2.2	32.0	2.0	0.4	-	0.4	B5-3612
48" x 8"	2.0	4*	-	2.0	43.2	2.4	0.6	-	0.6	B5-4808
48" x 18"	3.6	4*	2.8	3.6	43.2	2.4	0.6	-	0.6	B5-4818

\*CHOOSE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
WHITE (REFLECTORIZED)

BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

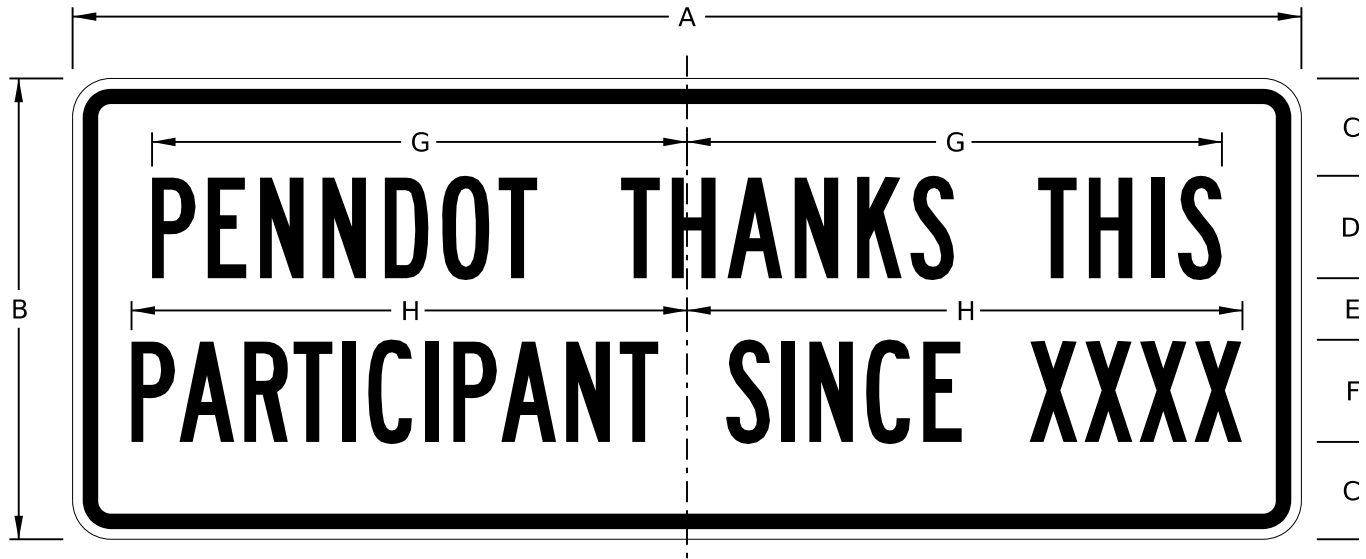
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations



# I20-2-5P

## ADOPT-A-HIGHWAY THANK YOU PLAQUE

The Adopt-A-Highway Thank You Plaque (I20-2-5P) is for use beneath an I20-Series Adopt-A-Highway Sign to thank participants in the Department's Adopt-A-Highway program. The year the participant joined the program shall be displayed on the plaque.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
36" x 12"	2.2	3B	1.6	3B*	15.8	16.3	-	0.6	B5-3612
48" x 18"	3.8	4B	2.4	4B*	20.9	21.7	-	0.6	B5-4818

\*REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:  
BLUE (REFLECTORIZED)

BACKGROUND:  
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I20-4-1

## RECYCLING SERVICES SIGN

The Recycling Services Sign (I20-4-1) may be mounted in roadside rest areas to identify that the indicated group(s) or individual(s) provides recycling services.



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K
36" x 36"	1.6	9.4	1.0	2C	1.8	2C*	2.0	5.4	13.8

DIMENSIONS - IN									
SIGN SIZE A x A	L	M	N	P	Q	BAR	MAR- GIN	BOR- DER	BLANK STD.
36" x 36"	11.5	10.0	15.1	16.0	2.0	0.4	0.4	0.4	B3-36

COLOR: \* REDUCE SPACING 60%

SIGN:  
LEGEND AND BORDER:  
GREEN (REFLECTORIZED)  
BACKGROUND:  
WHITE (REFLECTORIZED)

RECYCLING WORKS LOGO:  
LEGEND:  
WHITE (REFLECTORIZED)  
PA STATE SYMBOL:  
GREEN (REFLECTORIZED)  
3 CHASING ARROWS:  
WHITE W/ THIN GREEN OUTLINE

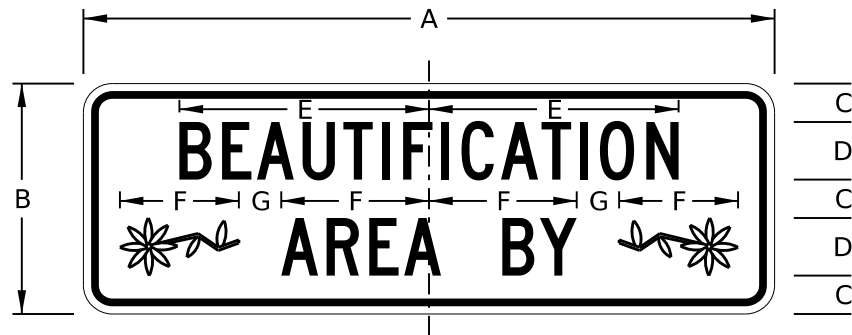
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I20-101

## BEAUTIFICATION AREA SIGN

The Beautification Area Sign (I20-101) may be mounted on top of a Beautification Area Sponsor Plaque (I20-101P) to identify that the indicated group(s) or individual(s) maintains plantings and / or provides other beautification efforts within a specific island area, median area, roadside area, or other section of highway.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
36" x 12"	2.0	3C	13	7.7	2.2	6.2	0.4	0.4	B5-3612

COLOR:

LEGEND AND BORDER:  
GREEN (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

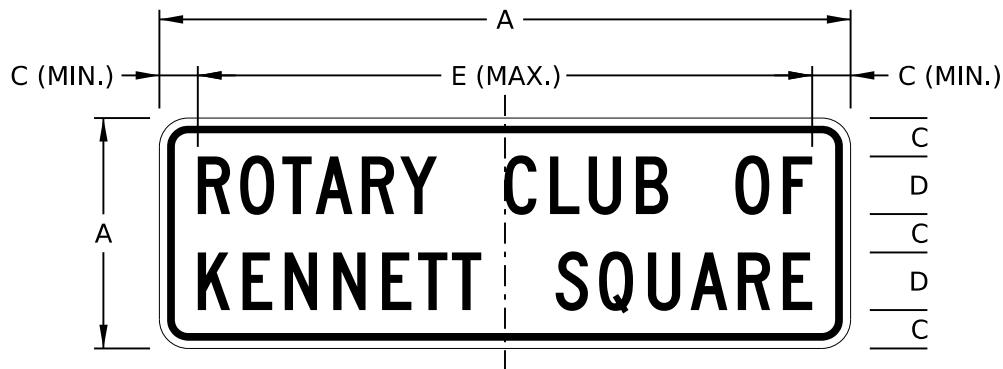
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I20-101P

## BEAUTIFICATION AREA SPONSOR PLAQUE

The Beautification Area Sponsor Plaque (I20-101P) may be mounted below the Beautification Area Sign (I20-101) to identify that the indicated group(s) or individual(s) maintains plantings and / or provides other beautification efforts within a specific island area, median area, roadside area, or other section of highway.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
36" x 12"	2.0	3*	32.0	0.4	0.4	B5-3612

\*CHOOSE STANDARD ALPHABET SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:  
GREEN (REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# I20-1

## SPONSOR-A-HIGHWAY ACKNOWLEDGMENT SIGN

The Sponsor-A-Highway Acknowledgment Sign (I20-1) shall be installed at the beginning of a Sponsor-A-Highway corridor. The logo of the specific sponsor shall be shown on the sign. Signs shall only be installed after official approval under the department's Sponsor-A-Highway program guidelines.



DIMENSIONS - IN													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
56" x 48"	1.7	13.6*	1.0	24.0	1.5	4C	2.2	19.6	18.0	24.3	-	0.8	-----

\*Contact Bureau of Operations, Traffic Engineering and Permits Section for Details

COLOR:

LEGEND, BELL OUTLINE AND BORDER:  
WHITE (REFLECTORIZED)

BELL YOKE:  
RED (REFLECTORIZED)

SPONSOR LOGO:  
(AS APPROVED BY PENNDOT)

BELL AND BACKGROUND:  
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

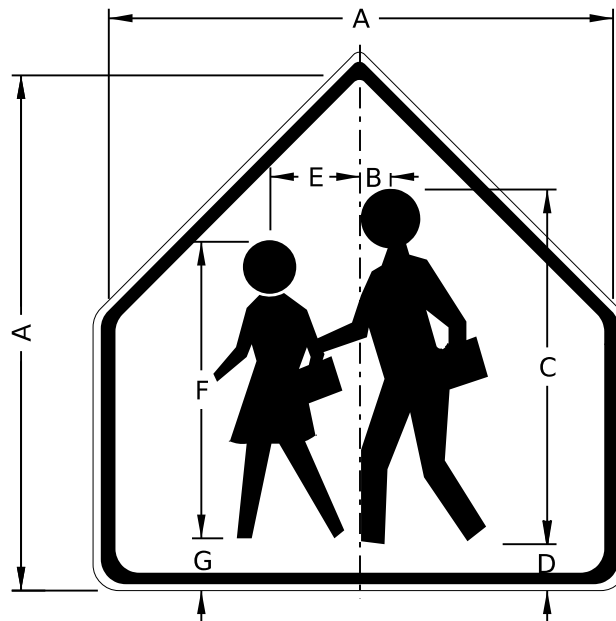
# S1-1

## SCHOOL SIGN

The School Sign (S1-1) shall be authorized for use on a street or highway adjacent to school buildings or grounds from which children have direct access to the school. An S1-1 sign may be supplemented with a SCHOOL (S4-3P) plaque.

The S1-1 sign may be placed at a marked school crosswalk. If used, the School Crossing assembly shall be installed at the school crossing, or as close to it as possible, and shall consist of an S1-1 sign supplemented with a Diagonal Downward Pointing Arrow Plaque (W16-7PL or W16-7PR) to show the location of the crossing. A School Advance Crossing assembly shall be used in advance of the first School Crossing assembly that is encountered in each direction as traffic approaches a school crosswalk and shall consist of an S1-1 sign supplemented with an Ahead Plaque (W16-9P) or a Distance Ahead Plaque (W16-103P). The School Advance Crossing assembly may be omitted where an S1-1 sign is installed to identify the beginning of a school zone in advance of the School Crossing assembly.

The 30" x 30" size is for use in urban areas and the 36" x 36" size is for use in rural areas. The 48" x 48" size should be used on roadways that have four or more lanes with posted speed limits of 40 MPH or higher.



DIMENSIONS - IN									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
30" x 30"	2.0	20.0	3.0	4.5	16.5	3.8	0.4	0.8	B8-30
36" x 36"	2.5	24.0	3.5	5.4	20.0	4.5	0.6	0.8	B8-36
48" x 48"	3.3	32.0	5.0	7.2	26.0	6.0	0.8	1.2	-----

COLOR:

SYMBOL AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
FLUORESCENT YELLOW GREEN  
(REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

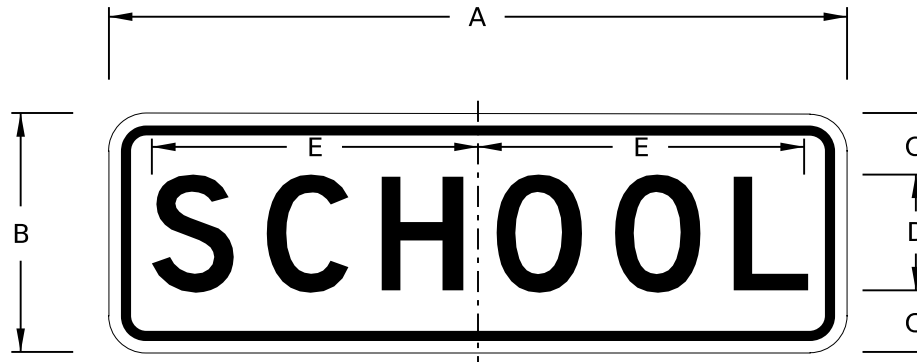
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# S4-3P

## SCHOOL PLAQUE

(a) Justification. The School Plaque (S4-3P) shall be used in conjunction with the Speed Limit Sign (R2-1) in accordance with Department regulations. The S4-3P plaque shall be mounted directly above the R2-1 sign. The School Plaque (S4-3P) may be used to supplement the School Sign (S1-1). When used with the S1-1 sign, the S4-3P plaque shall be mounted below the S1-1 sign.

(a) Size. The 36" x 12" size should be used on roadways that have four or more lanes with posted speed limits of 40 MPH or higher.



DIMENSIONS - IN						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
24" x 8"	2.0	4D	10.1	0.4	0.8	-----
36" x 12"	3.0	6D	15.2	0.6	0.8	-----

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
FLUORESCENT YELLOW GREEN  
(REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# S4-4P

## WHEN FLASHING PLAQUE

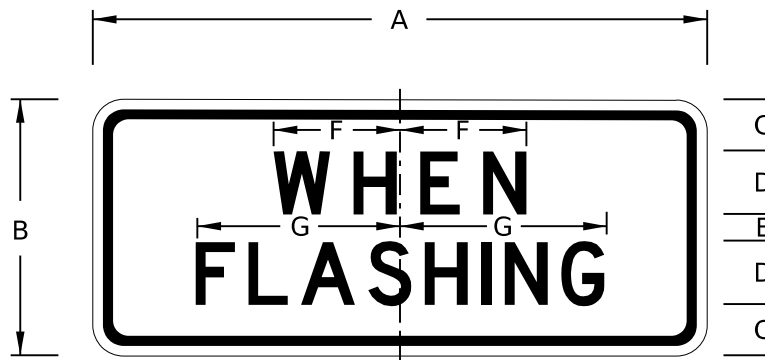
(a) Justification. The When Flashing Plaque (S4-4P) shall be authorized for use in lieu of the School Sign (S1-1) when engineering data justifies the need to display the 15 MPH speed limit as provided in Section 3365(b) of the Vehicle Code (75 P.S. Section 3365(b)). This sign shall be used in conjunction with the School Plaque (S4-3P), the Speed Limit Sign (R2-1) and the Speed Limit Sign Beacon in accordance with Department regulations (relating to speed limit sign beacon) to indicate that all vehicles are restricted to a maximum of 15 MPH speed limit during the time the beacons are flashing.

The S4-4P plaque shall be mounted directly below the Speed Limit Sign (R2-1).

(b) Permit. Local authorities shall secure a permit for use of this plaque in conjunction with the Speed Limit Sign Beacon in accordance with Department regulations (relating to authorization of use).

(c) Placement. The S4-4P plaque shall be placed not less than 150' in advance of the access point to the School building. The Speed Limit Sign Beacon shall be placed in accordance with Department regulations (relating to speed limit sign beacon).

(d) Size. The 36" x 18" size should be used on roadways that have four or more lanes with posted speed limits of 40 MPH or higher.



DIMENSIONS - IN								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
24" x 10"	2.0	2.5D	1.0	4.3	7.8	0.4	0.6	-----
36" x 18"	3.5	4D	3.0	7.0	12.6	0.6	0.8	B5-3618

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

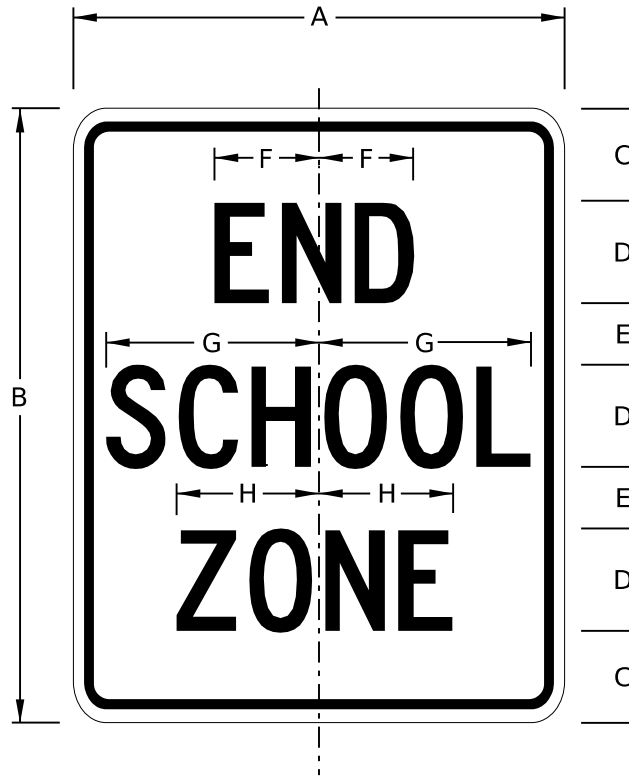


# S5-2

## END SCHOOL ZONE SIGN

(a) Justification. The End School Zone Sign (S5-2) shall be authorized for use at the end of a school zone which is indicated by the School Sign (S1-1), the School Plaque (S4-3P) or the Variable School Speed Limit Sign in accordance with Department regulations.

(a) Size. The 36" x 48" size should be used on roadways that have four or more lanes with posted speed limits of 40 MPH or higher.



DIMENSIONS - IN									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
24" x 30"	6.0	4C	3.0	4.0	8.5	5.6	0.4	0.6	B5-3024
36" x 48"	10.0	6C	5.0	5.9	12.7	8.3	0.6	1.0	B5-4836

COLOR:

LEGEND AND BORDER:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

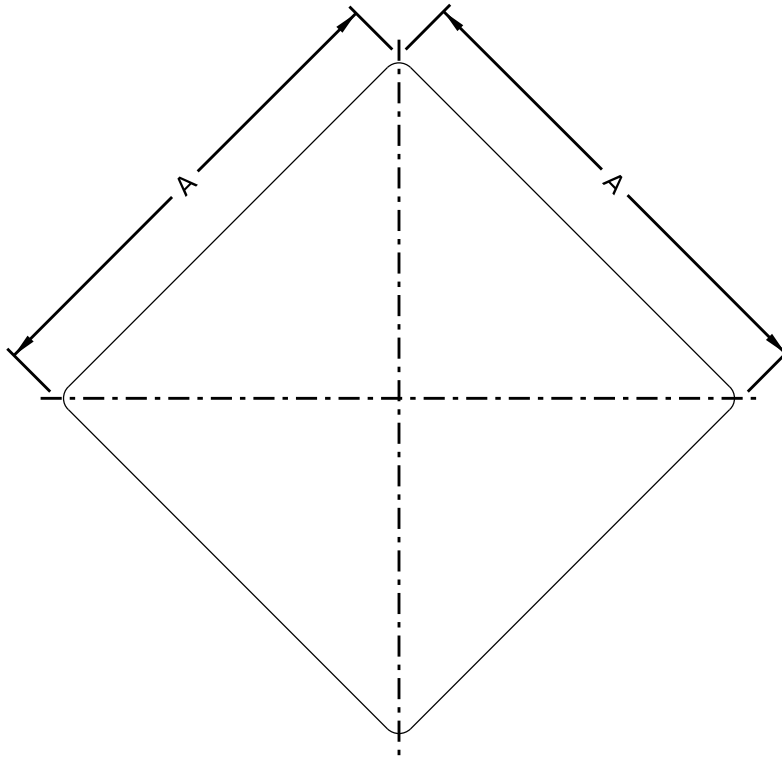
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering & Permits Section,  
Bureau of Operations

# OM1-3

## OBJECT MARKER

The Object Marker (OM1-3) shall be authorized for use to mark obstructions located within the roadway such as bridge piers, and the approach end of islands. This marker may be posted with other signs where appropriate.

The OM1-3 marker is a 18" x 18" fluorescent yellow reflectorized blank.



DIMENSIONS - IN	
SIGN SIZE A x A	BLANK STD.
18" x 18"	B3-18

COLOR:

BACKGROUND:  
FLUORESCENT YELLOW  
(REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

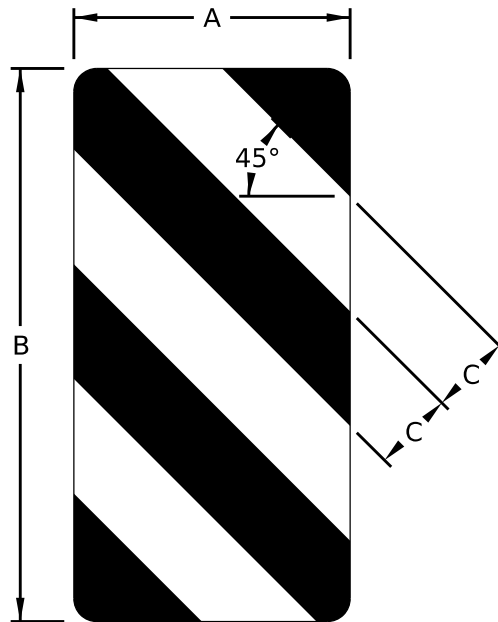
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# OM-3L

## LEFT CLEARANCE MARKER

(a) Justification. The Left Clearance Marker (OM3-L) may be used to delineate bridge abutments, parapets, handrails, underpass piers and culvert headwalls within or adjacent to the roadway where traffic is required to pass to the right of the obstruction or object.

(b) Placement. The right edge of the OM3-L marker shall be in line with the right edge of the obstruction or object. When used at bridges with a wheel guard, the right edge of the marker should be in line with the right edge of the wheel guard. The bottom of the marker should be at a height of 3' to 5' above the near edge of the pavement.



DIMENSIONS - IN		
SIGN SIZE A x B	C	BLANK STD.
12" x 36"	4.0 TO 6.5	B5-1236
18" x 36"	4.0 TO 6.5	B5-3618

COLOR:

STRIPES:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
FLUORESCENT YELLOW  
(REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

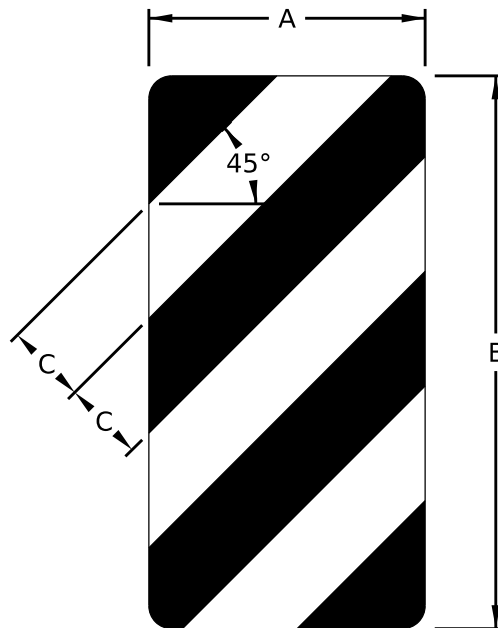
By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations

# OM-3R

## RIGHT CLEARANCE MARKER

(a) Justification. The Right Clearance Marker (OM3-R) may be used to delineate bridge abutments, parapets, handrails, underpass piers and culvert headwalls within or adjacent to the roadway where traffic is required to pass to the left of the obstruction or object.

(b) Placement. The left edge of the OM3-R marker shall be in line with the left edge of the obstruction or object. When used at bridges with a wheel guard, the left edge of the marker should be in line with the left edge of the wheel guard. The bottom of the marker should be at a height of 3' to 5' above the near edge of the pavement.



DIMENSIONS - IN		
SIGN SIZE A x B	C	BLANK STD.
12" x 36"	4.0 TO 6.5	B5-1236
18" x 36"	4.0 TO 6.5	B5-3618

COLOR:

STRIPES:  
BLACK (NON-REFLECTORIZED)

BACKGROUND:  
FLUORESCENT YELLOW  
(REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : \_\_\_\_\_ Date : \_\_\_\_\_  
Manager, Traffic Engineering and Permits Section,  
Bureau of Operations